# Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

x the first digit:

1 presented to TSG for information;

2 presented to TSG for approval;

3 or greater indicates TSG approved document under change control.

y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.

z the third digit is incremented when editorial only changes have been incorporated in the document.

In the present document, modal verbs have the following meanings:

**shall** indicates a mandatory requirement to do something

**shall not** indicates an interdiction (prohibition) to do something

The constructions "shall" and "shall not" are confined to the context of normative provisions, and do not appear in Technical Reports.

The constructions "must" and "must not" are not used as substitutes for "shall" and "shall not". Their use is avoided insofar as possible, and they are not used in a normative context except in a direct citation from an external, referenced, non-3GPP document, or so as to maintain continuity of style when extending or modifying the provisions of such a referenced document.

**should** indicates a recommendation to do something

**should not** indicates a recommendation not to do something

**may** indicates permission to do something

**need not** indicates permission not to do something

The construction "may not" is ambiguous and is not used in normative elements. The unambiguous constructions "might not" or "shall not" are used instead, depending upon the meaning intended.

**can** indicates that something is possible

**cannot** indicates that something is impossible

The constructions "can" and "cannot" are not substitutes for "may" and "need not".

**will** indicates that something is certain or expected to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document

**will not** indicates that something is certain or expected not to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document

**might** indicates a likelihood that something will happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

**might not** indicates a likelihood that something will not happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

In addition:

**is** (or any other verb in the indicative mood) indicates a statement of fact

**is not** (or any other negative verb in the indicative mood) indicates a statement of fact

The constructions "is" and "is not" do not indicate requirements.

# 1 Scope

The present document establishes the minimum RF requirements for NR User Equipment (UE) Interworking operation with other radios. This includes but is not limited to additional requirements for carrier aggregation or NR dual connectivity between Range 1 and Range 2 and additional requirements due to NR non-standalone (NSA) operation mode with E-UTRA.

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 38.101-1: "NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone"

[3] 3GPP TS 38.101-2: "NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone"

[4] 3GPP TS 36.101: "Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception"

[5] 3GPP TS 38.521-3: "NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios"

[6] Recommendation ITU-R M.1545: "Measurement uncertainty as it applies to test limits for the terrestrial component of International Mobile Telecommunications-2000"

[7] 3GPP TS 36.211: "E-UTRA; Physical channels and modulation"

[8] 3GPP TS 36.331: " Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification"

[9] 3GPP TS 38.331: "NR; Radio Resource Control (RRC) protocol specification"

[10] 3GPP TS 38.213: "NR; Physical layer procedures for control"

[11] 3GPP TS 38.306: "NR; User Equipment (UE) radio access capabilities"

[12] 3GPP TS 38.133: "NR; Requirements for support of radio resource management"

[13] 3GPP TS 38.211: "NR; Physical channels and modulation".

[14] 3GPP TS 38.214: "NR; Physical layer procedures for data"

[15] 3GPP TS 38.133: "NR; Requirements for support of radio resource management"

[16] 3GPP TS 36.133: "Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management"

# 3 Definitions, symbols and abbreviations

## 3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**Con-current operation**: The simultaneous transmission and reception of sidelink and Uu interfaces while operation is agnostic of the service used on each interface.

## 3.2 Symbols

For the purposes of the present document, the following symbols apply:

ΔRIB,c Allowed reference sensitivity relaxation due to support for CA or DC operation, for serving cell *c*.

ΔTIB,c Allowed maximum configured output power relaxation due to support for CA or DC operation, for serving cell *c*

BWE-UTRA\_Channel Channel bandwidth of E-UTRA carrier

BWE-UTRA\_Channel\_CA Channel bandwidth of E-UTRA sub-block which is composed of intra-band contiguous CA E-UTRA carriers

BWNR\_Channel Channel bandwidth of NR carrier

BWNR\_Channel\_CA Channel bandwidth of NR sub-block which is composed of intra-band contiguous CA NR carriers

Ceil(x) Rounding upwards; ceil(x) is the smallest integer such that ceil(x) ≥ x

EN-DCACLR The ratio of the filtered mean power centred on the aggregated sub-block bandwidth ENBW to the filtered mean power centred on an adjacent bandwidth of the same size ENBW

E-UTRAACLR E-UTRA ACLR

FC *RF reference frequency* for the carrier center on the channel raster

FDL\_low The lowest frequency of the downlink *operating band*

FDL\_high The highest frequency of the downlink *operating band*

FUL\_low The lowest frequency of the uplink *operating band*

FUL\_high The highest frequency of the uplink *operating band*

FOOB The boundary between the NR out of band emission and spurious emission domains

LCRB Transmission bandwidth which represents the length of a contiguous resource block allocation expressed in units of resource blocks

Max() The largest of given numbers

Min() The smallest of given numbers

NRACLR NR ACLR

NRB Transmission bandwidth configuration, expressed in units of resource blocks

NRB\_agg The number of the aggregated RBs within the fully allocated aggregated channel bandwidth

for carrier 1 to j, where *μ* is defined in TS 38.211 [13]

NRB,c The transmission bandwidth configuration of component carrier c, expressed in units of resource blocks

for carrier j, where *μ* is defined in TS 38.211 [13]

PCMAX The configured maximum UE output power

RBstart Indicates the lowest RB index of transmitted resource blocks

Wgap The sub-block gap between the two sub-blocks

## 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

ACLR Adjacent Channel Leakage Ratio

ACS Adjacent Channel Selectivity

A-MPR Additional Maximum Power Reduction

BCS Bandwidth Combination Set

CA Carrier Aggregation

CC Component Carrier

DC Dual Connectivity

EIRP Equivalent Isotropically Radiated Power

EN-DC E-UTRA/NR DC

EVM Error Vector Magnitude

FDM Frequency Division Multiplexing

FR Frequency Range

ENBW The aggregated bandwidth of an E-UTRA sub-block and an adjacent NR sub-block

ITS Intelligent Transportation System

ITU-R Radiocommunication Sector of the International Telecommunication Union

MBW Measurement bandwidth defined for the protected band

MPR Allowed maximum power reduction

MSD Maximum Sensitivity Degradation

MCG Master Cell Group

NR New Radio

NS Network Signalling

NSA Non-Standalone, a mode of operation where operation of an other radio is assisted with an other radio

OOB Out-of-band

OOBE Out-of-band emission

OTA Over The Air

PRB Physical Resource Block

PSCCH Physical Sidelink Control CHannel

PSSCH Physical Sidelink Shared CHannel

RE Resource Element

REFSENS Reference Sensitivity

RF Radio Frequency

Rx Receiver

SCG Secondary Cell Group

SCS Subcarrier spacing

SEM Spectrum Emission Mask

SL Sidelink

SUL Supplementary uplink

TDM Time Division Multiplex

Tx Transmitter

UE User Equipment

UL MIMO Up Link Multiple Antenna transmission

ULSUP Uplink sharing from UE perspective

# 4 General

## 4.1 Relationship between minimum requirements and test requirements

The present document is interwork specification for NR UE, covering RF characteristics and minimum performance requirements. Conformance to the present specification is demonstrated by fulfilling the test requirements specified in the conformance specification 3GPP TS 38.521-3 [5].

The Minimum Requirements given in this specification make no allowance for measurement uncertainty. The test specification TS 38.521-3 [5] defines test tolerances. These test tolerances are individually calculated for each test. The test tolerances are used to relax the minimum requirements in this specification to create test requirements. For some requirements, including regulatory requirements, the test tolerance is set to zero.

The measurement results returned by the test system are compared - without any modification - against the test requirements as defined by the shared risk principle.

The shared risk principle is defined in Recommendation ITU‑R M.1545 [6].

## 4.2 Applicability of minimum requirements

a) In this specification the Minimum Requirements are specified as general requirements and additional requirements. Where the Requirement is specified as a general requirement, the requirement is mandated to be met in all scenarios

b) For specific scenarios for which an additional requirement is specified, in addition to meeting the general requirement, the UE is mandated to meet the additional requirements.

c) The spurious emissions power requirements are for the long-term average of the power. For the purpose of reducing measurement uncertainty it is acceptable to average the measured power over a period of time sufficient to reduce the uncertainty due to the statistical nature of the signal

d) Terminal that supports EN-DC or NE-DC configuration shall meet E-UTRA requirements as specified in TS 36.101 [4] and NR requirements as in TS 38.101-1 [2] and TS 38.101-2 [3] unless otherwise specified in this specification

e) All the requirements for intra-band contiguous and non-contiguous EN-DC or NE-DC apply under the assumption of the same uplink-downlink and special subframe configurations in the E-UTRA and slot format indicated by UL-DL-configurationCommon and UL-DL-configurationDedicated in the NR for the EN-DC or NE-DC, a time offset between the two RATs configurations may be required.

f) For EN-DC or NE-DC combinations with CA configurations for E-UTRA and/or NR, all the requirements for E-UTRA and/or NR all the requirements for E-UTRA and/or NR intra-band contiguous and non-contiguous CA apply under the assumption of the same slot format indicated by UL-DL-configurationCommon and UL-DL-configurationDedicated in the PSCell and SCells for NR and the same uplink-downlink and special subframe configurations in Pcell and SCells for E-UTRA.

A terminal which supports an EN-DC or NE-DC configuration shall support:

If any subsets of the EN-DC or NE-DC configuration do not specify its own bandwidth combination sets in 5.3B, then the terminal shall support the same E-UTRA bandwidth combination sets it signals the support for in E-UTRA CA configuration part of E-UTRA – NR DC and shall support the same NR bandwidth combination sets it signals the support for in NR CA configuration part of E-UTRA – NR DC.

Else if one of the subsets of the EN-DC or NE-DC configuration specify its own bandwidth combination sets in 5.3B, then the terminal shall support a product set of channel bandwidth for each band specified by E-UTRA bandwidth combination sets, NR bandwidth combination sets, and EN-DC or NE-DC bandwidth combination sets it singnals the support.A terminal which supports an inter-band EN-DC or NE-DC configuration with a certain UL configuration shall support the all lower order DL configurations of the lower order EN-DC or NE-DC combinations, which have this certain UL configuration and the fallbacks of this UL configuration.

A terminal which supports NE-DC configurations shall meet the minimum requirements for corresponding EN-DC configuration, unless otherwise specified.

For CA or DC configurations, which include FR2 intra-band CA combinations with multiple FR2 sub-blocks, where at least one of the sub-blocks is a contiguous CA combination :

- if the field *partialFR2-FallbackRX-Req* is not present, the UE shall meet all applicable UE RF requirements for the highest order CA configuration and all associated fallback CA configurations;

- if the field *partialFR2-FallbackRX-Req* is present, for each FR2 intra-band CA configuration with multiple sub-blocks that the UE indicates support for explicitly in UE capability signalling: the in-gap UE RF requirements in clauses 7.5A, 7.5B, 7.6A, 7.6B apply as the equivalent requirements for the associated fallback FR2 intra-band CA configurations with the same number of sub-blocks, where at least one of the sub-blocks consists of a contiguous CA configuration. The UE shall meet all applicable UE RF requirements for fallback CA configurations with a lesser number of sub-blocks;

- regardless of the field *partialFR2-FallbackRX-Req*, the UE shall meet all DL out-of-gap requirements for all lower order fallback CA configurations.

Terminal that supports inter-band NR-DC between FR1 and FR2 configuration shall meet the requirements for corresponding CA configuration (suffix A), unless otherwise specified.

## 4.3 Specification suffix information

Unless stated otherwise the following suffixes are used for indicating at 2nd level clause, shown in Table 4.3-1.

Table 4.3-1: Definition of suffixes

|  |  |
| --- | --- |
| Clause suffix | Variant |
| None | Single Carrier |
| A | Carrier Aggregation (CA) between FR1 and FR2 |
| B | Dual-Connectivity (DC) with and without SUL including UL sharing from UE perspective, inter-band NR DC between FR1 and FR2 |
| D | UL MIMO |
| E | V2X |
| F | Shared spectrum channel access |

# 5 Operating bands and channel arrangement

## 5.1 General

The channel arrangements presented in this clause are based on the operating bands and channel bandwidths defined in the present release of specifications.

NOTE: Other operating bands and channel bandwidths may be considered in future releases.

Requirements throughout the RF specifications are in many cases defined separately for different frequency ranges (FR). The frequency ranges in which NR can operate according to this version of the specifications are identified as described in Table 5.1-1.

Table 5.1-1: Definition of frequency ranges

|  |  |
| --- | --- |
| Frequency range designation | Corresponding frequency range |
| FR1 | 410 MHz – 7125 MHz |
| FR2 | 24250 MHz – 52600 MHz |

The present specification covers band combinations including

- at least one FR1 operating band and one FR2 operating band for carrier aggregation and dual connectivity operations;

- at least one E-UTRA operating band for dual connectivity operations.

## 5.2 Operating bands

NR is designed to operate in FR1 operating bands defined in TS 38.101-1 [2] and FR2 operating bands defined in TS 38.101-2 [3]. E-UTRA is designed to operate in operating bands defined in TS 36.101 [4].

## 5.2A Operating bands for CA

### 5.2A.1 Inter-band CA between FR1 and FR2

NR carrier aggregation is designed to operate in the operating bands defined in Table 5.2A.1‑1 and Table 5.2A.1-2. The band combinations include at least one FR1 operating band and one FR2 operating band.

Operating bands for CA including Band n90 are defined by the corresponding operating bands for CA including Band n41 with Band n90 replacing Band n41. For brevity the said operating bands for CA including Band n90 are not listed in the tables below but are covered by this specification.

If the mandatory simultaneous Rx/Tx capability applies for a lower order band combination, when the applicable lower order band combination is a band pair in a higher order band combination, the mandatory simultaneous Rx/Tx capability also applies for the band pairin the higher order band combination.

Table 5.2A.1-1: Band combinations for inter-band CA between FR1 and FR2 (two bands)

|  |  |
| --- | --- |
| NR CA Band | NR Band |
| CA\_n1-n2571 | n1, n257 |
| CA\_n1-n2581 | n1, n258 |
| CA\_n2-n2601 | n2, n260 |
| CA\_n2-n2611 | n2, n261 |
| CA\_n3-n2571 | n3, n257 |
| CA\_n3-n2581 | n3, n258 |
| CA\_n5-n2601 | n5, n260 |
| CA\_n5-n2611 | n5, n261 |
| CA\_n7-n2581 | n7, n258 |
| CA\_n7-n2571 | n7, n257 |
| CA\_n8-n2571 | n8, n257 |
| CA\_n8-n2581 | n8, n258 |
| CA\_n12-n2601 | n12, n260 |
| CA\_n14-n2601 | n14, n260 |
| CA\_n30-n2601 | n30, n260 |
| CA\_n25-n2581 | n25, n258 |
| CA\_n25-n2601 | n25, n260 |
| CA\_n25-n2611 | n25, n261 |
| CA\_n28-n2571 | n28, n257 |
| CA\_n34-n2581 | n34, n258 |
| CA\_n38-n2571 | n38, n257 |
| CA\_n38-n2581 | n38, n258 |
| CA\_n39-n2571 | n39, n257 |
| CA\_n39-n2581 | n39, n258 |
| CA\_n40-n2571 | n40, n257 |
| CA\_n40-n2581 | n40, n258 |
| CA\_n41-n2571 | n41, n257 |
| CA\_n41-n2581 | n41, n258 |
| CA\_n41-n2601 | n41, n260 |
| CA\_n41-n2611 | n41, n261 |
| CA\_n48-n2601 | n48, n260 |
| CA\_n48-n2611 | n48, n261 |
| CA\_n48-n2631 | n48, n263 |
| CA\_n66-n2581 | n66, n258 |
| CA\_n66-n260 | n66, n260 |
| CA\_n66-n261 | n66, n261 |
| CA\_n71-n2571 | n71, n257 |
| CA\_n71-n2601 | n71, n260 |
| CA\_n71-n2611 | n71, n261 |
| CA\_n77-n2571 | n77, n257 |
| CA\_n77-n2581 | n77, n258 |
| CA\_n77-n2601 | n77, n260 |
| CA\_n77-n2611 | n77, n261 |
| CA\_n78-n2571 | n78, n257 |
| CA\_n78-n2581 | n78, n258 |
| CA\_n79-n2571 | n79, n257 |
| CA\_n79-n2581 | n79, n258 |
| NOTE 1: Applicable for UE supporting inter-band carrier aggregation with mandatory simultaneous Rx/Tx capability. | |

Table 5.2A.1-2: Band combinations for inter-band CA between FR1 and FR2 (three bands)

|  |  |
| --- | --- |
| NR CA Band | NR Band |
| CA\_n1-n3-n257 | n1, n3, n257 |
| CA\_n1-n8-n257 | n1, n8, n257 |
| CA\_n1-n28-n2571 | n1, n28, n257 |
| CA\_n1-n41-n2571 | n1, n41, n257 |
| CA\_n1-n77-n2571 | n1, n77, n257 |
| CA\_n1-n78-n25711 | n1, n78, n257 |
| CA\_n1-n79-n2571 | n1, n79, n257 |
| CA\_n2-n77-n260 | n2, n77, n260 |
| CA\_n2-n77-n261 | n2, n77, n261 |
| CA\_n3-n8-n257 | n3, n8, n257 |
| CA\_n3-n28-n2571 | n3, n28, n257 |
| CA\_n3-n41-n257 | n3, n41, n257 |
| CA\_n3-n77-n2571 | n3, n77, n257 |
| CA\_n3-n78-n2571 | n3, n78, n257 |
| CA\_n3-n79-n2571 | n3, n79, n257 |
| CA\_n5-n77-n260 | n5, n77, n260 |
| CA\_n5-n77-n261 | n5, n77, n261 |
| CA\_n7-n78-n258 | n7, n78, n258 |
| CA\_n8-n77-n257 | n8, n77, n257 |
| CA\_n8-n78-n2571 | n8, n78, n257 |
| CA\_n28-n41-n257 | n28, n41, n257 |
| CA\_n28-n77-n2571 | n28, n77, n257 |
| CA\_n28-n78-n2571 | n28, n78, n257 |
| CA\_n28-n79-n2571 | n28, n79, n257 |
| CA\_n40-n41-n258 | n40, n41, n258 |
| CA\_n41-n66-n260 | n41, n66, n260 |
| CA\_n41-n77-n257 | n41, n77, n257 |
| CA\_n41-n78-n257 | n41, n78, n257 |
| CA\_n41-n79-n258 | n41, n79, n258 |
| CA\_n66-n77-n260 | n66, n77, n260 |
| CA\_n66-n77-n261 | n66, n77, n261 |
| CA\_n77-n79-n257 | n77, n79, n257 |
| CA\_n77-n79-n258 | n77, n79, n258 |
| CA\_n78-n79-n257 | n78, n79, n257 |
| NOTE 1: Applicable for UE supporting inter-band carrier aggregation with mandatory simultaneous Rx/Tx capability. | |

Table 5.2A.1-3: Band combinations for inter-band CA between FR1 and FR2 (four bands)

|  |  |
| --- | --- |
| NR CA Band | NR Band |
| CA\_n1-n3-n8-n257 | n1, n3, n8, n257 |
| CA\_n1-n3-n28-n257 | n1, n3, n28, n257 |
| CA\_n1-n3-n41-n257 | n1, n3, n41, n257 |
| CA\_n1-n3-n77-n257 | n1, n3, n77, n257 |
| CA\_n1-n3-n79-n257 | n1, n3, n79, n257 |
| CA\_n1-n8-n77-n257 | n1, n8, n77, n257 |
| CA\_n1-n8-n78-n2571 | n1, n8, n78, n257 |
| CA\_n1-n28-n41-n257 | n1, n28, n41, n257 |
| CA\_n1-n28-n77-n257 | n1, n28, n77, n257 |
| CA\_n1-n28-n79-n257 | n1, n28, n79, n257 |
| CA\_n1-n41-n77-n257 | n1, n41, n77, n257 |
| CA\_n1-n77-n79-n257 | n1, n77, n79, n257 |
| CA\_n1-n78-n79-n257 | n1, n78, n79, n257 |
| CA\_n3-n7-n78-n258 | n3, n7, n78, n258 |
| CA\_n3-n8-n77-n257 | n3, n8, n77, n257 |
| CA\_n3-n28-n41-n257 | n3, n28, n41, n257 |
| CA\_n3-n28-n77-n2571 | n3, n28, n77, n257 |
| CA\_n3-n28-n78-n2571 | n3, n28, n78, n257 |
| CA\_n3-n41-n77-n257 | n3, n41, n77, n257 |
| CA\_n3-n77-n79-n257 | n3, n77, n79, n257 |
| CA\_n3-n28-n79-n257 | n3, n28, n79, n257 |
| CA\_n28-n41-n77-n257 | n28, n41, n77, n257 |
| CA\_n28-n77-n79-n257 | n28, n77, n79, n257 |
| CA\_n28-n78-n79-n257 | n28, n78, n79, n257 |
| NOTE 1: Applicable for UE supporting inter-band carrier aggregation with mandatory simultaneous Rx/Tx capability. | |

Table 5.2A.1-4: Band combinations for inter-band CA between FR1 and FR2 (five bands)

|  |  |
| --- | --- |
| NR CA Band | NR Band |
| CA\_n1-n3-n8-n77-n257 | n1, n3, n8, n77, n257 |
|  | |

## 5.2B Operating bands for DC

### 5.2B.1 General

The operating bands are specified in clause 5.5B for operation with EN-DC, NGEN-DC, NE-DC or NR-DC configured.

### 5.2B.2 Void

### 5.2B.3 Void

### 5.2B.4 Void

### 5.2B.5 Void

### 5.2B.6 Void

### 5.2B.7 Void

## 5.2E Operating bands for V2X

### 5.2E.1 Intra-band V2X bands

NR V2X operation is designed to operate with E-UTRA sidelink in TDM mode on the operating bands combinations listed in Table 5.2E.1-1.

Table 5.2E.1-1: Intra-band V2X operating bands

|  |  |  |
| --- | --- | --- |
| E-UTRA V2X-NR V2X Band Combination | E-UTRA or NR Band | Interface |
| V2X\_47\_n471 | 47 | PC5 |
|  | n47 | PC5 |
| NOTE 1: Only single switched SL is supported. | | |

### 5.2E.2 Inter-band V2X bands

NR V2X operation is designed to operate concurrent with E-UTRA uplink/downlink on the operating bands combinations listed in Table 5.2E.2-1.

**Table 5.2E.2-1: Inter-band con-current V2X operating bands**

|  |  |  |
| --- | --- | --- |
| **E-UTRA-NR V2X Band Combination** | **E-UTRA or NR Band** | **Interface** |
| V2X\_1\_n47 | 1 | Uu |
|  | n47 | PC5 |
| V2X\_n1\_47 | n1 | Uu |
|  | 47 | PC5 |
| V2X\_8\_n47 | 8 | Uu |
|  | n47 | PC5 |
| V2X\_5\_n47 | 5 | Uu |
|  | n47 | PC5 |
| V2X\_n5\_47 | n5 | Uu |
|  | 47 | PC5 |
| V2X\_n8\_47 | n8 | Uu |
|  | 47 | PC5 |
| V2X\_3\_n47 | 3 | Uu |
| n47 | PC5 |
| V2X\_20\_n38 | 20 | Uu |
|  | n38 | PC5 |
| V2X\_n39\_47 | 47 | PC5 |
|  | n39 | Uu |
| V2X\_39\_n47 | 39 | Uu |
|  | n47 | PC5 |
| V2X\_n40\_47 | 47 | PC5 |
|  | n40 | Uu |
| V2X\_40\_n47 | 40 | Uu |
|  | n47 | PC5 |
| V2X\_n71\_47 | 47 | PC5 |
|  | n71 | Uu |
| V2X\_41\_n47 | 41 | Uu |
| n47 | PC5 |
| V2X\_n71\_47 | 47 | PC5 |
| n71 | Uu |
| V2X\_n71-(n)471 | 47 | PC5 |
|  | n47 | PC5 |
|  | n71 | Uu |
| V2X\_n78\_47 | 47 | PC5 |
| n78 | Uu |
| V2X\_n79\_47 | 47 | PC5 |
| n79 | Uu |
| NOTE 1: Only single switched SL in ITS band is supported. | | |

## 5.3 UE Channel bandwidth

## 5.3A UE Channel bandwidth for CA

### 5.3A.1 Inter-band CA between FR1 and FR2

For inter-band NR CA between FR1 and FR2, a carrier aggregation configuration is a combination of operating bands, each supporting a carrier aggregation bandwidth class as specified in clause 5.3A.5 of TS 38.101-1 [2] and clause 5.3A.4 of TS 38.101-2 [3] independently.

## 5.3B UE Channel bandwidth for EN-DC

### 5.3B.0 General

For intra-band contiguous EN-DC, the aggregated channel bandwidth is sum of the individual NR and E-UTRA channel bandwidths assuming nominal EN-DC channel with 0 kHz offset spacing as specified in clause 5.4.

ENBW = BWNR\_Channel + BWE-UTRA\_Channel

In the case where the NR sub-block and/or the E-UTRA sub-block itself is composed of intra-band contiguous CA carriers, the EN-DC aggregated channel bandwidth is the sum of the aggregated channel bandwidths of the NR and E-UTRA sub-blocks assuming nominal EN-DC channel spacing between the NR sub-block and E-UTRA sub-block.

ENBW = BWNR\_Channel\_CA + BWE-UTRA\_Channel\_CA

For NR inter-band dual connectivity specified in 5.5B.7, the corresponding NR CA configurations in 5.5A.1, i.e., dual uplink inter-band carrier aggregation between FR1 and FR2 with uplink assigned to two NR bands, are applicable to Dual Connectivity.

NOTE 1: Requirements for the dual connectivity configurations are defined in the clause corresponding NR uplink CA between FR1 and FR2 configurations, unless otherwise specified.

Intra-band contiguous EN-DC configurations are defined using intra-band contiguous EN-DC bandwidth class notation DC\_(n)Xyz where the first EN-DC bandwidth class letter y indicates the number of contiguous E-UTRA carriers and the second EN-DC bandwidth class letter z indicates the number of contiguous NR carriers for the EN-DC combination of E-UTRA Band X and NR Band nX. Applicable contiguous intraband EN-DC bandwidth classes are listed in Table 5.3B.0-1.

Table 5.3B.0-1: Intra-band contiguous EN-DC bandwidth classes

|  |  |  |
| --- | --- | --- |
| Intra-band contiguous EN-DC bandwidth class | Number of  contiguous CC | |
|  | E-UTRA | NR |
| AA | 1 | 1 |
| AB | 1 | 2 |
| CA | 2 | 1 |
| DA | 3 | 1 |

The UE channel bandwidths for band combinations including Band n41 also apply for the corresponding band combinations with Band n90 replacing Band n41 but with otherwise identical parameters. For brevity the said UE channel bandwidths for band combinations with Band n90 are not listed in the tables below but are covered by this specification.

### 5.3B.1 Intra-band EN-DC in FR1

#### 5.3B.1.1 General

The requirements for intra-band EN-DC in this specification are defined for EN-DC configurations with associated bandwidth combination sets.

For each EN-DC configuration, requirements are specified for all bandwidth combinations contained in a *bandwidth combination set*, which is indicated per supported band combination in the UE radio access capability. A UE can indicate support of several bandwidth combination sets per band combination.

#### 5.3B.1.2 BCS for Intra-band contiguous EN-DC

For intra-band contiguous EN-DC, an EN-DC configuration is consisting of an E-UTRA band and a corresponding NR band having the same frequency range which supports an intra-band contiguous EN-DC bandwidth class.

Bandwidth combination sets for intra-band contiguous EN-DC are specified in Table 5.3B.1.2-1. The EN-DC configurations and bandwidth combination sets in Table 5.3B.1.2-1 also apply to higher order EN-DC combinations that include inter-band and intra-band EN-DC on the downlink and inter-band EN-DC on the uplink. If no BCS is reported in the UE capabilities for an intra-band combination the default is that the UE supports BCS0.

Table 5.3B.1.2-1: EN-DC configurations and bandwidth combination sets defined for intra-band contiguous EN-DC

| E-UTRA – NR configuration / Bandwidth combination set | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Downlink  EN-DC configuration | Uplink EN-DC configurations | Component carriers in order of increasing carrier frequency | | | Maximum aggregated  bandwidth (MHz) | Bandwidth combination set |
|  |  | Channel bandwidths for E-UTRA carrier (MHz) | Channel bandwidths for NR carrier (MHz) | Channel bandwidths for E-UTRA carrier (MHz) |  |  |
| DC\_(n)3AA | DC\_(n)3AA4 | 5, 10, 15, 20 | 5,10,15,20, 25, 30 |  | 50 | 0 |
|  |  |  | 5,10,15,20, 25, 30 | 5, 10, 15, 20 |  |  |
| DC\_(n)5AA | DC\_(n)5AA4 | 5, 10 | 5, 10, 15, 20 |  | 25 | 0 |
|  |  |  | 5, 10, 15, 20 | 5, 10 |  |  |
| DC\_(n)7AA | DC\_(n)7AA4 | 5, 10, 15, 20 | 5, 10, 15, 20 |  | 40 | 0 |
|  |  |  | 5, 10, 15, 20 | 5, 10, 15, 20 |  |  |
| DC\_(n)12AA | DC\_(n)12AA4 | 5, 10 | 5, 10 |  | 15 | 0 |
|  |  |  | 5, 10 | 5, 10 |  |  |
| DC\_(n)38AA | DC\_(n)38AA4 | 5, 10, 15, 20 | 5, 10, 15, 20, 40 |  | 50 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | 5, 10, 15, 20 |  |  |
| DC\_(n)41AA | DC\_(n)41AA | 20 | 40, 60, 80,100 |  | 120 | 0 |
|  |  |  | 40, 60, 80,100 | 20 |  |  |
|  |  | 20 | 40, 50, 60, 80,100 |  | 120 | 1 |
|  |  |  | 40, 50, 60, 80,100 | 20 |  |  |
|  |  | 20 | 10, 20, 30, 40, 50, 60, 80,100 |  | 120 | 2 |
|  |  |  | 10, 20, 30, 40, 50, 60, 80,100 | 20 |  |  |
|  |  | 10 | 20, 30, 40, 50, 60, 80,100 |  |  |  |
|  |  |  | 20, 30, 40, 50, 60, 80,100 | 10 |  |  |
| DC\_(n)41AB | DC\_(n)41AA,  DC\_41A\_n41A | 10 | 20+20 |  | 70 | 0 |
|  |  |  | 20+20 | 10 |  |  |
|  |  | 20 | 10+20 |  |  |  |
|  |  |  | 10+20 | 20 |  |  |
|  |  | 20 | 20+30 |  |  |  |
|  |  |  | 20+30 | 20 |  |  |
| DC\_(n)41CA | DC\_(n)41AA, DC\_41A\_n41A2 | 20+20 | 40, 60, 80,100 |  | 140 | 0 |
|  |  |  | 40, 60, 80,100 | 20+20 |  |  |
|  |  | 20+20 | 40, 50, 60, 80,100 |  | 140 | 1 |
|  |  |  | 40, 50, 60, 80,100 | 20+20 |  |  |
|  |  | 20+20 | 10, 20, 30, 40, 50, 60, 80,100 |  | 140 | 2 |
|  |  |  | 10, 20, 30, 40, 50, 60, 80,100 | 20+20 |  |  |
|  |  | 10+20 | 10, 20, 30, 40, 50, 60, 80,100 |  |  |  |
|  |  |  | 10, 20, 30, 40, 50, 60, 80,100 | 10+20 |  |  |
| DC\_(n)41DA | DC\_(n)41AA, DC\_41A\_n41A2 | 20+20+20 | 40, 60, 80,100 |  | 160 | 0 |
|  |  |  | 40, 60, 80,100 | 20+20+20 |  |  |
|  |  | 20+20+20 | 40, 50, 60, 80,100 |  | 160 | 1 |
|  |  |  | 40, 50, 60, 80,100 | 20+20+20 |  |  |
|  |  | 20+20+20 | 30, 40, 50, 60, 80,100 |  | 160 | 2 |
|  |  |  | 30, 40, 50, 60, 80,100 | 20+20+20 |  |  |
|  |  | 20+20+15 | 30, 40, 50, 60, 80,100 |  |  |  |
|  |  |  | 30, 40, 50, 60, 80,100 | 20+20+15 |  |  |
| DC\_(n)48AA5 | DC\_(n)48AA4 | 5, 10, 15, 20 | 5, 10, 15, 20, 40 |  | 60 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | 5, 10, 15, 20 |  |  |
| DC\_(n)48CA5 | DC\_(n)48AA4  DC\_48A\_n48A4 | See CA\_48C Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-1 | 5, 10, 15, 20, 40 |  | 80 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | See CA\_48C Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-1 |  |  |
| DC\_(n)48DA5 | DC\_(n)48AA4  DC\_48A\_n48A4 | See CA\_48D Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-1 | 5, 10, 15, 20, 40 |  | 100 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | See CA\_48D Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-1 |  |  |
| DC\_(n)66AA | DC\_(n)66AA4 | 5, 10, 15, 20 | 5,10,15,20, 25, 30, 40 |  | 60 | 0 |
|  | 5,10,15,20, 25, 30, 40 | 5, 10, 15, 20 |
| DC\_(n)71AA | DC\_(n)71AA3 | 15 | 5 |  | 20 | 0 |
|  |  | 10 | 5, 10 |  |  |  |
|  |  | 5 | 5, 10, 15 |  |  |  |
|  |  |  | 5 | 15 |  |  |
|  |  |  | 5, 10 | 10 |  |  |
|  |  |  | 5, 10, 15 | 5 |  |  |
|  |  | 5 | 5,10,15,20 |  | 253 | 1 |
|  |  | 10 | 5,10,15 |  |  |  |
|  |  | 15 | 5,10 |  |  |  |
|  |  |  | 5,10,15,20 | 5 |  |  |
|  |  |  | 5,10,15 | 10 |  |  |
|  |  |  | 5,10 | 15 |  |  |
|  | - | 5 | 5, 10, 15, 20 |  | 356 | 2 |
|  | 10 | 10, 15, 20 |  |
|  | 15 | 15, 20 |  |
|  |  | 5, 10, 15, 20 | 5 |
|  |  | 10, 15, 20 | 10 |
|  |  | 15, 20 | 15 |
| NOTE 1: Void  NOTE 2: Void  NOTE 3: For maximum DL aggregated bandwidth of 25 MHz the asymmetric UL and DL channel bandwidth combination of Table 5.3.6-1 in TS 38.101-1 [2] is used with a maximum UL contiguous aggregated bandwidth of 20 MHz. Furthermore, a restriction is imposed on bandwidth combinations so that only a subset of BCS1 is allowed to be used on the uplink, and this subset is equivalent to BCS0.  NOTE4: Only single switched UL is supported.  NOTE5: The minimum requirements only apply for non-simultaneous Tx/Rx between all carriers.  NOTE 6: Bandwidth Combination Set 2 only applies to intra-band EN-DC with uplink in n71 but not in Band 71, and paired with another E-UTRA band. | | | | | | |

#### 5.3B.1.3 BCS for Intra-band non-contiguous EN-DC

For intra-band non-contiguous EN-DC, an EN-DC configuration is consisting of an E-UTRA band and a corresponding NR band having the same frequency range which supports E-UTRA and NR carriers, where E-UTRA configuration is indicated by using E-UTRA CA bandwidth class as defined in TS 36.101 [4] and NR configuration is indicated by using NR CA bandwidth class as defined in TS 38.101-1 [2].

Requirements for intra-band non-contiguous EN-DC are defined for the EN-DC configurations and bandwidth combination sets specified in Table 5.3B.1.3-1. The EN-DC configurations and bandwidth combination sets in Table 5.3B.1.3-1 also apply to higher order EN-DC combinations that include inter-band and intra-band EN-DC on the downlink and inter-band EN-DC on the uplink. If no BCS is reported in the UE capabilities for an intra-band combination the default is that the UE supports BCS0.

Table 5.3B.1.3-1: EN-DC configurations and bandwidth combination sets defined for intra-band non-contiguous EN-DC

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| E-UTRA – NR configuration / Bandwidth combination set | | | | | | |
| Downlink  EN-DC configuration | Uplink EN-DC configurations | Component carriers in order of increasing carrier frequency | | | Maximum aggregated  bandwidth (MHz) | Bandwidth combination set |
|  |  | Channel bandwidths for E-UTRA carrier (MHz) | Channel bandwidths for NR carrier (MHz) | Channel bandwidths for E-UTRA carrier (MHz) |  |  |
| DC\_2A\_n2A | DC\_2A\_n2A2 | 5, 10, 15, 20 | 5, 10, 15, 20 |  | 40 | 0 |
| DC\_3A\_n3A | DC\_3A\_n3A |  | 5, 10, 15, 20, 25, 30 | 5, 10, 15, 20 | 50 | 0 |
|  |  |  | 5, 10, 15, 20, 25, 30 | 5, 10, 15, 20 | 50 | 1 |
|  |  | 5, 10, 15, 20 | 5, 10, 15, 20, 25, 30 |  |  |  |
| DC\_5A\_n5A | DC\_5A\_n5A2 | 5, 10 | 5, 10, 15 |  | 20 | 0 |
| DC\_7A\_n7A3 | DC\_7A\_n7A2 | 5, 10, 15, 20 | 5, 10, 15, 20 |  | 40 | 0 |
| DC\_41A\_n41A | DC\_41A\_n41A | 20 | 40, 60, 80,100 |  | 120 | 0 | |
|  |  |  | 40, 60, 80,100 | 20 |  |  | |
|  |  | 20 | 40, 50, 60, 80,100 |  | 120 | 1 |
|  |  |  | 40, 50, 60, 80,100 | 20 |  |  |
|  |  | 20 | 10, 20, 30, 40, 50, 60, 80,100 |  | 120 | 2 |
|  |  |  | 10, 20, 30, 40, 50, 60, 80,100 | 20 |  |  |
|  |  | 10 | 20, 30, 40, 50, 60, 80,100 |  |  |  |
|  |  |  | 20, 30, 40, 50, 60, 80,100 | 10 |  |  |
| DC\_41C\_n41A | DC\_41A\_n41A | 20+20 | 40, 60, 80,100 |  | 140 | 0 |
|  |  |  | 40, 60, 80,100 | 20+20 |  |  |
|  |  | 20+20 | 40, 50, 60, 80,100 |  | 140 | 1 |
|  |  |  | 40, 50, 60, 80,100 | 20+20 |  |  |
| DC\_41D\_n41A | DC\_41A\_n41A | 20+20+20 | 40, 60, 80,100 |  | 160 | 0 |
|  |  |  | 40, 60, 80,100 | 20+20+20 |  |  |
|  |  | 20+20+20 | 40, 50, 60, 80,100 |  | 160 | 1 |
|  |  |  | 40, 50, 60, 80,100 | 20+20+20 |  |  |
| DC\_48A\_n48A4 | DC\_48A\_n48A2 | 5, 10, 15, 20 | 5, 10, 15, 20, 40 |  | 60 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | 5, 10, 15, 20 |  |  |
| DC\_48A-48A\_n48A4 | DC\_48A\_n48A2 | See CA\_48A-48A Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-3 | 5, 10, 15, 20, 40 |  | 80 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | See CA\_48A-48A Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-3 |  |  |
| DC\_48C\_n48A4 | DC\_48A\_n48A2 | See CA\_48C Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-1 | 5, 10, 15, 20, 40 |  | 80 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | See CA\_48C Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-1 |  |  |
| DC\_48D\_n48A4 | DC\_48A\_n48A2 | See CA\_48D Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-1 | 5, 10, 15, 20, 40 |  | 100 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | See CA\_48D Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-1 |  |  |
| DC\_66A\_n66A | DC\_66A\_n66A2 | 5, 10, 15, 20 | 5, 10, 15, 20, 40 |  | 50 | 0 |
| 5, 10, 15, 20 | 5, 10, 15, 20, 25, 30, 40 |  | 60 | 1 |
|  | 5, 10, 15, 20, 25, 30, 40 | 5, 10, 15, 20 |
| DC\_66A-66A\_n66A | DC\_66A\_n66A2 | See CA\_66A-66A Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-3 | 5, 10, 15, 20, 40 |  | 70 | 0 |
| See CA\_66A-66A Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-3 | 5, 10, 15, 20, 25, 30, 40 |  | 80 | 1 |
|  | 5, 10, 15, 20, 25, 30, 40 | See CA\_66A-66A Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-3 |
| DC\_71A\_n71A | DC\_71A\_n71A2 | 15 | 5 |  | 20 | 0 |
|  |  | 10 | 5, 10 |  |  |  |
|  |  | 5 | 5, 10, 15 |  |  |  |
|  |  |  | 5 | 15 |  |  |
|  |  |  | 5, 10 | 10 |  |  |
|  |  |  | 5, 10, 15 | 5 |  |  |
|  |  | 5, 10, 15, 20 | 5, 10, 15, 20 |  | 30 | 1 |
|  |  |  | 5, 10, 15, 20 | 5, 10, 15, 20 |
| NOTE 1: Void.  NOTE 2: Only single switched UL is supported.  NOTE 3: Requirements in this specification apply for NR SCS of 15 kHz only.  NOTE 4: The minimum requirements only apply for non-simultaneous Tx/Rx between all carriers. | | | | | | |

Table 5.3B.1.3-2: EN-DC configurations and bandwidth combination sets defined for intra-band EN-DC mixed intra-band contiguous and non-contiguous EN-DC

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| E-UTRA – NR configuration / Bandwidth combination set | | | | | | |
| Downlink  EN-DC configuration | Uplink EN-DC configurations | Component carriers in order of increasing carrier frequency | | | Maximum aggregated  bandwidth (MHz) | Bandwidth combination set |
|  |  | Channel bandwidths for E-UTRA carrier (MHz) | Channel bandwidths for NR carrier (MHz) | Channel bandwidths for E-UTRA carrier (MHz) |  |  |
| DC\_48A-(n)48AA4,5 | DC\_(n)48AA2  DC\_48A\_n48A2 | See CA\_48A-48A Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-3 | 5, 10, 15, 20, 40 |  | 80 | 0 |
|  |  |  | 5, 10, 15, 20, 40 | See CA\_48A-48A Bandwidth Combination Set 0 in TS 36.101 Table 5.6A.1-3 |  |  |
| NOTE 1: Void.  NOTE 2: Only single switched UL is supported.  NOTE 3: Requirements in this specification apply for NR SCS of 15 kHz only.  NOTE 4: The minimum requirements only apply for non-simultaneous Tx/Rx between all carriers.  NOTE 5: The UE supporting these configurations mixed intra-band continuous and non-continuous ENDC with at most two sub-blocks containing more than two component carriers indicates ‘both’ by IE intraBandENDC-Support. | | | | | | |

## 5.3C Void

## 5.3D Void

## 5.3E UE Channel bandwidth for V2X

### 5.3E.0 General

The requirements specified in clause 5.3B are applicable to NR V2X UE.

### 5.3E.1 Intra-band contiguous V2X in FR1

For intra-band contiguous E-UTRA NR V2X UE, an EN-DC bandwidth class in Table 5.3B.0-1 are considered to specify the V2X transmission/reception configurations.

Bandwidth combination sets and V2X transmission/reception configurations for intra-band contiguous V2X UE are specified in Table 5.3E.1-1.

Table 5.3E.1-1: E-UTRA-NR V2X configurations and bandwidth combination sets for intra-band contiguous V2X UE

| **V2X configuration** | **SL transmisison band** | Channel bandwidths for E-UTRA carrier (MHz) | Channel bandwidths for NR carrier (MHz) | **Maximum aggregated  bandwidth (MHz)** | **Bandwidth combination set** |
| --- | --- | --- | --- | --- | --- |
| V2X\_(n)47AA | E-UTRA Band 47 or NR band n47 | 10 | 10,20,30,40 | 60 | 0 |
|  |  | 20 | 10,20,30,40 |  |  |

### 5.3E.2 Intra-band non-contiguous V2X in FR1

For intra-band non-contiguous E-UTRA NR V2X UE, an EN-DC bandwidth class in Table 5.3B.0-1 are considered to specify the V2X transmission/reception configurations.

Bandwidth combination sets and SL transmission/reception configurations for intra-band non-contiguous V2X are specified in Table 5.3E.2-1.

Table 5.3E.2-1: E-UTRA-NR V2X configurations and bandwidth combination sets for intra-band non-contiguous V2X UE

| V2X configuration | SL transmisison band | Channel bandwidths for E-UTRA carrier (MHz) | Channel bandwidths for NR carrier (MHz) | Maximum aggregated  bandwidth (MHz) | Bandwidth combination set |
| --- | --- | --- | --- | --- | --- |
| V2X\_47A\_n47A | E-UTRA Band 47 or NR band n47 | 10 | 10,20,30,40 | 60 | 0 |
|  |  | 20 | 10,20,30,40 |  |  |

### 5.3E.3 Inter-band V2X in FR1

For inter-band E-UTRA NR V2X UE, the each channel bandwidth for inter-band V2X operations in FR1 is specified in TS 36.101 [4] and TS 38.101-1 [2], respectively.

## 5.4 Void

## 5.4A Channel arrangement for CA

The channel arrangement for CA operations in FR1 and FR2 as specified in TS 38.101-1 [2] and TS 38.101-2 [3], respectively.

## 5.4B Channel arrangement for DC

### 5.4B.0 General

The channel arrangement for intra-band EN-DC operations in FR1 is specified in TS 36.101 [4] and TS 38.101-1 [2] , respectively.

### 5.4B.1 Channel spacing for intra-band EN-DC carriers

The spacing between carriers will depend on the deployment scenario, the size of the frequency block available and the channel bandwidths. The nominal channel spacing between E-UTRA carrier and an adjacent NR carrier for intra-band contiguous EN-DC is defined as following:

- For NR operating bands with 100 kHz channel raster,

Nominal Channel spacing = (BWE-UTRA\_Channel + BWNR\_Channel)/2

- For NR operating bands with 15 kHz channel raster,

- Nominal Channel spacing = (BWE-UTRA\_Channel + BWNR\_Channel)/2+{-5kHz, 0kHz, 5kHz} for ∆FRaster equals to 15 kHz

- Nominal Channel spacing = (BWE-UTRA\_Channel + BWNR\_Channel)/2+{-10 kHz, 0 kHz, 10 kHz} for ∆FRaster equals to 30 kHz

where BWE-UTRA\_Channel and BWNR\_Channel are the channel bandwidths of the E-UTRA and NR carriers, ∆FRaster is the band dependent channel raster granularity defined in TS38.101-1[2]. The channel spacing can be adjusted depending on the channel raster to optimize performance in a particular deployment scenario.

For intra-band non-contiguous EN-DC the channel spacing between E-UTRA and NR carriers shall be larger than the nominal channel spacing defined in this clause.

## 5.5 Configuration

## 5.5A Configuration for CA

#### 5.5A.1 Inter-band CA configurations between FR1 and FR2

The configurations for operating bands for CA including Band n41 also apply for the corresponding operating bands for CA with Band n90 replacing Band n41 but with otherwise identical parameters. For brevity the said configuration for operating bands for CA with Band n90 are not listed in the tables below but are covered by this specification.

The configuration tables for CA describe Bandwidth Combination Sets. Bandwidth Combination Set 4 and 5 contains all possible defined channel bandwidths for each FR1 band in the combination. The fact that BCS4 and BCS5 contains all channel bandwidths for each FR1 band does not alter if a bandwidth is mandatory or optional for a given band. Bandwidths that are identified as optional in Table 5.3.5-1 of TS 38.101-1 [2] for a given release are still optional for UEs that support BCS4 or BCS5, where the bandwidths the UE supports for each band, the maximum bandwidth and/or minimum bandwidth for the band in the band combination are indicated in the UE capabilities. Note that the minimum bandwidth is indicated only in BCS5 and BCS5 shall not be indicated together with BCS4 for a CA configuration. For inter-band CA combinations including intra-band CA and with BCS4 or BCS5 in the following configuration tables, the Bandwidth Combination Sets for the FR1 intra-band CA are BCS4 or BCS5, respectively, and the Bandwidth Combination Sets for the FR2 intra-band CA are BCS0.

Table 5.5A.1-1a: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n1A-n257A | CA\_n1A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n257D | CA\_n257D  CA\_n1A-n257A  CA\_n1A-n257D | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n1A-n257E | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n1A-n257F | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n1A-n257G | CA\_n257G  CA\_n1A-n257A  CA\_n1A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n257J | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n1A-n257J | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n257K | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n1A-n257J  CA\_n1A-n257K | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n257L | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n1A-n257J  CA\_n1A-n257K | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n257M | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n1A-n257J  CA\_n1A-n257K | n1 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n258A | CA\_n1A-n258A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n1A-n258B | CA\_n1A-n258A | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n1A-n258C | CA\_n1A-n258A | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n1A-n258D | CA\_n1A-n258A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258D |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258D |  |
| CA\_n1A-n258E | CA\_n1A-n258A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258E |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258E |  |
| CA\_n1A-n258F | CA\_n1A-n258A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258F |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258F |  |
| CA\_n1A-n258G | CA\_n1A-n258A  CA\_n1A-n258G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258G |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258G |  |
| CA\_n1A-n258H | CA\_n1A-n258A  CA\_n1A-n258G  CA\_n1A-n258H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258H |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258H |  |
| CA\_n1A-n258I | CA\_n1A-n258A  CA\_n1A-n258G  CA\_n1A-n258H  CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258I |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258I |  |
| CA\_n1A-n258J | CA\_n1A-n258A  CA\_n1A-n258G  CA\_n1A-n258H  CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258J |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258J |  |
| CA\_n1A-n258K | CA\_n1A-n258A  CA\_n1A-n258G  CA\_n1A-n258H  CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258K |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258K |  |
| CA\_n1A-n258L | CA\_n1A-n258A  CA\_n1A-n258G  CA\_n1A-n258H  CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258L |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258L |  |
| CA\_n1A-n258M | CA\_n1A-n258A  CA\_n1A-n258G  CA\_n1A-n258H  CA\_n1A-n258I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258M |  |
|  |  | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 |
|  |  | n258 | CA\_n258M |  | |

Table 5.5A.1-1b: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n2A-n260A | CA\_n2A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n260G | CA\_n2A-n260A  CA\_n2A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n260H | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n260I | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n260J | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n260K | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n260L | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n260M | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L  CA\_n2A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n2(2A)-n260A | CA\_n2A-n260A | n2 | CA\_n2(2A) | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2(2A)-n260G | CA\_n2A-n260A  CA\_n2A-n260G | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260G |  |
| CA\_n2(2A)-n260H | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260H |  |
| CA\_n2(2A)-n260I | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260I |  |
| CA\_n2(2A)-n260J | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260J |  |
| CA\_n2(2A)-n260K | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260K |  |
| CA\_n2(2A)-n260L | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260L |  |
| CA\_n2(2A)-n260M | CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L  CA\_n2A-n260M | n2 | CA\_n2(2A) | 0 |
|  | n260 | CA\_n260M |  |
| CA\_n2A-n261A | CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n2A-n261G | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n2A-n261H | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n2A-n261I | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n2A-n261J | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n2A-n261K | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n2A-n261L | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n2A-n261M | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n2A-n261(2A) | CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n2A-n261(2G) | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n2A-n261(2H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n2A-n261(2I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n2A-n261(3A) | CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n2A-n261(4A) | CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n2A-n261(A-G) | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n2A-n261(A-H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n2A-n261(A-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n2A-n261(A-J) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-J) |  |
| CA\_n2A-n261(A-K) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-K) |  |
| CA\_n2A-n261(A-L) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-L) |  |
| CA\_n2A-n261(G-H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n2A-n261(H-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n2A-n261(G-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n2A-n261(A-G-H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n2A-n261(A-G-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n2A-n261(2A-H) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n2A-n261(2A-G) | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n2A-n261(2A-I) | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n2A-n261(A-2G) | CA\_n2A-n261A  CA\_n2A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |

Table 5.5A.1-1c: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n3A-n257A | CA\_n3A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n257D | CA\_n3A-n257A  CA\_n3A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n257G | CA\_n3A-n257A  CA\_n3A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n257H | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n257I | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n257J | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n3A-n257K | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n3A-n257J | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n3A-n257L | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n3A-n257J  CA\_n3A-n257K | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n3A-n257M | CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n3A-n257J  CA\_n3A-n257K  CA\_n3A-n257L | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n3A-n257(2A) | CA\_n3A-n257A  CA\_n3A-n257(2A) | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n257 | CA\_n257(2A) |  | |
| CA\_n3A-n258A | CA\_n3A-n258A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3A-n258B | CA\_n3A-n258A  CA\_n3A-n258B | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n3A-n258C | CA\_n3A-n258A  CA\_n3A-n258B  CA\_n3A-n258C | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n3A-n258D | CA\_n3A-n258A  CA\_n3A-n258D | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n3A-n258E | CA\_n3A-n258A  CA\_n3A-n258D  CA\_n3A-n258E | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n3A-n258F | CA\_n3A-n258A  CA\_n3A-n258D  CA\_n3A-n258E  CA\_n3A-n258F | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n3A-n258G | CA\_n3A-n258A  CA\_n3A-n258G | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n3A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n3A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n3A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n3A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n3A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n3A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n3A-n258(2A) | CA\_n3A-n258A  CA\_n3A-n258(2A) | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(2A) |  | |
| CA\_n3(2A)-n258A | CA\_n3A-n258A | n3 | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3(2A)-n258G | CA\_n3A-n258A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n3(2A)-n258H | CA\_n3A-n258A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n3(2A)-n258I | CA\_n3A-n258A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n3(2A)-n258J | CA\_n3A-n258A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n3(2A)-n258K | CA\_n3A-n258A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n3(2A)-n258L | CA\_n3A-n258A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n3(2A)-n258M | CA\_n3A-n258A | n3 | CA\_n3(2A)\_BCS1 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n3B-n258A | CA\_n3A-n258A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3B-n258G | CA\_n3A-n258A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n3B-n258H | CA\_n3A-n258A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n3B-n258I | CA\_n3A-n258A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n3B-n258J | CA\_n3A-n258A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n3B-n258K | CA\_n3A-n258A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n3B-n258L | CA\_n3A-n258A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n3B-n258M | CA\_n3A-n258A | n3 | CA\_n3B\_BCS0 | 0 |
|  |  | n258 | CA\_n258M |  |

**Table 5.5A.1-1d: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NR CA configuration** | **Uplink CA configuration** | **NR Band** | **Channel bandwidth (MHz) (NOTE 3)** | **Bandwidth combination set** |
| CA\_n5A-n260A | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n5A-n260(2A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n5A-n260(3A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n5A-n260(4A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n5A-n260(5A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n5A-n260(6A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n5A-n260(7A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n5A-n260(8A) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n5A-n260(2G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2G) |  |
| CA\_n5A-n260(2H) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2H) |  |
| CA\_n5A-n260(A-G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(A-G) |  |
| CA\_n5A-n260(2A-G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A-G) |  |
| CA\_n5A-n260(A-H) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(A-H) |  |
| CA\_n5A-n260(2A-2G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A-2G) |  |
| CA\_n5A-n260(3A-G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(3A-G) |  |
| CA\_n5A-n260(A-2G) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(A-2G) |  |
| CA\_n5A-n260(G-H) | CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(G-H) |  |
| CA\_n5A-n260G | CA\_n5A-n260A  CA\_n5A-n260G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n5A-n260H | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n5A-n260I | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n5A-n260J | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n5A-n260K | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n5A-n260L | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K  CA\_n5A-n260L | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n5A-n260M | CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K  CA\_n5A-n260L  CA\_n5A-n260M | n5 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n5A-n261A | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n5A-n261(2A) | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n5A-n261(3A) | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n5A-n261(4A) | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n5A-n261G | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n5A-n261H | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n5A-n261I | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n5A-n261J | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n5A-n261K | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n5A-n261L | CA\_n5A-n261A  CA\_n5A\_n261G  CA\_n5A\_n261H  CA\_n5A\_n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n5A-n261M | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n5A-n261O | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261O |  |
| CA\_n5A-n261P | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261P |  |
| CA\_n5A-n261Q | CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261Q |  |
| CA\_n5A-n261(2G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n5A-n261(2H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n5A-n261(2I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n5A-n261(A-G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n5A-n261(A-H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n5A-n261(A-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n5A-n261(A-J) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-J) |  |
| CA\_n5A-n261(A-K) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-K) |  |
| CA\_n5A-n261(A-L) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-L) |  |
| CA\_n5A-n261(G-H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n5A-n261(G-J) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-J) |  |
| CA\_n5A-n261(H-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n5A-n261(G-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n5A-n261(A-G-H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n5A-n261(A-G-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n5A-n261(2A-H) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n5A-n261(2A-G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n5A-n261(3A-G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(3A-G) |  |
| CA\_n5A-n261(2A-I) | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n5A-n261(A-2G) | CA\_n5A-n261A  CA\_n5A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |

**Table 5.5A.1-1e: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n7A-n257A | CA\_n7A-n257A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n7A-n257G | CA\_n7A-n257A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n7A-n257H | CA\_n7A-n257A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n7A-n257I | CA\_n7A-n257A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n7A-n257J | CA\_n7A-n257A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n7A-n257K | CA\_n7A-n257A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n7A-n257L | CA\_n7A-n257A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n7A-n257M | CA\_n7A-n257A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n7A-n258A | CA\_n7A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n7A-n258B | CA\_n7A-n258A  CA\_n7A-n258B | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n7A-n258C | CA\_n7A-n258A  CA\_n7A-n258B  CA\_n7A-n258C | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n7A-n258D | CA\_n7A-n258A  CA\_n7A-n258D | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n7A-n258E | CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n7A-n258F | CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E  CA\_n7A-n258F | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n7A-n258G | CA\_n7A-n258A  CA\_n7A-n258G | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n7A-n258H | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n7A-n258I | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n7A-n258J | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n7A-n258K | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n7A-n258L | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n7A-n258M | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n7B-n258A | CA\_n7A-n258A | n7 | CA\_n7B | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n7B-n258B | CA\_n7A-n258A  CA\_n7A-n258B | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n7B-n258C | CA\_n7A-n258A  CA\_n7A-n258B  CA\_n7A-n258C | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n7B-n258D | CA\_n7A-n258A  CA\_n7A-n258D | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n7B-n258E | CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n7B-n258F | CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E  CA\_n7A-n258F | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n7B-n258G | CA\_n7A-n258A  CA\_n7A-n258G | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n7B-n258H | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n7B-n258I | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n7B-n258J | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n7B-n258K | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n7B-n258L | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n7B-n258M | CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I | n7 | CA\_n7B | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n8A-n257A | CA\_n8A-n257A | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n8A-n257D | - | n8 | 5, 10, 15, 20 | 0 |
| n257 | CA\_n257D |
| CA\_n8A-n257E | - | n8 | 5, 10, 15, 20 | 0 |
|  | n257 | CA\_n257E |
| CA\_n8A-n257F | - | n8 | 5, 10, 15, 20 | 0 |
|  | n257 | CA\_n257F |
| CA\_n8A-n257G | CA\_n8A-n257A  CA\_n8A-n257G | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n8A-n257H | CA\_n8A-n257A  CA\_n8A-n257G  CA\_n8A-n257H | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n8A-n257I | CA\_n8A-n257A  CA\_n8A-n257G  CA\_n8A-n257H  CA\_n8A-n257I | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n8A-n257J | CA\_n8A-n257A  CA\_n8A-n257G  CA\_n8A-n257H  CA\_n8A-n257I  CA\_n8A-n257J | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n8A-n257K | CA\_n8A-n257A  CA\_n8A-n257G  CA\_n8A-n257H  CA\_n8A-n257I  CA\_n8A-n257J  CA\_n8A-n257K | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n8A-n257L | CA\_n8A-n257A  CA\_n8A-n257G  CA\_n8A-n257H  CA\_n8A-n257I  CA\_n8A-n257J  CA\_n8A-n257K | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n8A-n257M | CA\_n8A-n257A  CA\_n8A-n257G  CA\_n8A-n257H  CA\_n8A-n257I  CA\_n8A-n257J  CA\_n8A-n257K | n8 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n8A-n258A | CA\_n8A-n258A | n8 | 5, 10, 15, 20 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |

Table 5.5A.1-1f: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n12A-n258A | CA\_n12A-n258A | n12 | 5, 10, 15 | 0 |
| n258 | 50, 100, 200, 400 |  |
| CA\_n12A-n260A | CA\_n12A-n260A | n12 | 5, 10, 15 | 0 |
| n260 | 50, 100, 200, 400 |  |
| CA\_n12A-n260G | CA\_n12A-n260A  CA\_n12A-n260G | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260G |  |
| CA\_n12A-n260H | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260H |  |
| CA\_n12A-n260I | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260I |  |
| CA\_n12A-n260J | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I  CA\_n12A-n260J | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260J |  |
| CA\_n12A-n260K | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I  CA\_n12A-n260J  CA\_n12A-n260K | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260K |  |
| CA\_n12A-n260L | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I  CA\_n12A-n260J  CA\_n12A-n260K  CA\_n12A-n260L | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260L |  |
| CA\_n12A-n260M | CA\_n12A-n260A  CA\_n12A-n260G  CA\_n12A-n260H  CA\_n12A-n260I  CA\_n12A-n260J  CA\_n12A-n260K  CA\_n12A-n260L  CA\_n12A-n260M | n12 | 5, 10, 15 | 0 |
| n260 | CA\_n260M |  |
| CA\_n12A-n261A | CA\_n12A-n261A | n12 | 5, 10, 15 | 0 |
| n261 | 50, 100, 200, 400 |  |
| CA\_n14A-n260A | CA\_n14A-n260A | n14 | 5, 10 | 0 |
| n260 | 50, 100, 200, 400 |  |
| CA\_n14A-n260G | CA\_n14A-n260A  CA\_n14A-n260G | n14 | 5, 10 | 0 |
| n260 | CA\_n260G |  |
| CA\_n14A-n260H | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H | n14 | 5, 10 | 0 |
| n260 | CA\_n260H |  |
| CA\_n14A-n260I | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I | n14 | 5, 10 | 0 |
| n260 | CA\_n260I |  |
| CA\_n14A-n260J | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I  CA\_n14A-n260J | n14 | 5, 10 | 0 |
| n260 | CA\_n260J |  |
| CA\_n14A-n260K | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I  CA\_n14A-n260J  CA\_n14A-n260K | n14 | 5, 10 | 0 |
| n260 | CA\_n260K |  |
| CA\_n14A-n260L | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I  CA\_n14A-n260J  CA\_n14A-n260K  CA\_n14A-n260L | n14 | 5, 10 | 0 |
| n260 | CA\_n260L |  |
| CA\_n14A-n260M | CA\_n14A-n260A  CA\_n14A-n260G  CA\_n14A-n260H  CA\_n14A-n260I  CA\_n14A-n260J  CA\_n14A-n260K  CA\_n14A-n260L  CA\_n14A-n260M | n14 | 5, 10 | 0 |
| n260 | CA\_n260M |  |

Table 5.5A.1-1g: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n25A-n258A | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n25A-n258(2A) | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n25A-n258(3A) | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n25A-n258(4A) | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n25A-n258(5A) | CA\_n25A-n258A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n25A-n258G | CA\_n25A-n258A  CA\_n25A-n258G | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n25A-n258(2G) | CA\_n25A-n258A  CA\_n25A-n258G | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(2G) |  |
| CA\_n25A-n258H | CA\_n25A-n258A  CA\_n25A-n258G  CA\_n25A-n258H | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n25A-n258(A-G) | CA\_n25A-n258A  CA\_n25A-n258G | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(A-G) |  |
| CA\_n25A-n258(A-H) | CA\_n25A-n258A  CA\_n25A-n258G  CA\_n25A-n258H | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(A-H) |  |
| CA\_n25A-n258(G-H) | CA\_n25A-n258A  CA\_n25A-n258G  CA\_n25A-n258H | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(G-H) |  |
| CA\_n25A-n260A | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n25A-n260(2A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n25A-n260(3A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n25A-n260(4A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n25A-n260(5A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n25A-n260(6A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n25A-n260(7A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n25A-n260(8A) | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n25A-n260G | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n25A-n260H | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n25A-n260I | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n25A-n260J | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n25A-n260K | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n25A-n260L | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n25A-n260M | CA\_n25A-n260A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n25A-n261A | CA\_n25A-n261A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n25A-n261(2A) | CA\_n25A-n261A | n25 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A) |  |

Table 5.5A.1-1h: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n28A-n257A | CA\_n28A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n257D | CA\_n28A-n257A  CA\_n28A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n257G | CA\_n257G  CA\_n28A-n257A  CA\_n28A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n257H | CA\_n257G  CA\_n257H  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n30A-n260A | CA\_n30A-n260A | n30 | 5, 10 | 0 |
| n260 | 50, 100, 200, 400 |  |
| CA\_n30A-n260G | CA\_n30A-n260A  CA\_n30A-n260G | n30 | 5, 10 | 0 |
| n260 | CA\_n260G |  |
| CA\_n30A-n260H | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H | n30 | 5, 10 | 0 |
| n260 | CA\_n260H |  |
| CA\_n30A-n260I | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I | n30 | 5, 10 | 0 |
| n260 | CA\_n260I |  |
| CA\_n30A-n260J | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I  CA\_n30A-n260J | n30 | 5, 10 | 0 |
| n260 | CA\_n260J |  |
| CA\_n30A-n260K | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I  CA\_n30A-n260J  CA\_n30A-n260K | n30 | 5, 10 | 0 |
| n260 | CA\_n260K |  |
| CA\_n30A-n260L | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I  CA\_n30A-n260J  CA\_n30A-n260K  CA\_n30A-n260L | n30 | 5, 10 | 0 |
| n260 | CA\_n260L |  |
| CA\_n30A-n260M | CA\_n30A-n260A  CA\_n30A-n260G  CA\_n30A-n260H  CA\_n30A-n260I  CA\_n30A-n260J  CA\_n30A-n260K  CA\_n30A-n260L  CA\_n30A-n260M | n30 | 5, 10 | 0 |
| n260 | CA\_n260M |  |
| CA\_n34A-n258A | CA\_n34A-n258A | n34 | 5, 10, 15 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n38A-n257A | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n38A-n257G | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n38A-n257H | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n38A-n257I | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n38A-n257J | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n38A-n257K | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n38A-n257L | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n38A-n257M | CA\_n38A-n257A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n38A-n258A | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n38A-n258G | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n38A-n258H | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n38A-n258I | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n38A-n258J | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n38A-n258K | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n38A-n258L | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n38A-n258M | CA\_n38A-n258A | n38 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n39A-n258A | CA\_n39A-n258A | n39 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |

Table 5.5A.1-1i: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n40A-n257A | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40A-n257D | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n40A-n257E | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n40A-n257F | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n40A-n257G | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n40A-n257H | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n40A-n257I | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n40A-n257J | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n40A-n257K | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n40A-n257L | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n40A-n257M | CA\_n40A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n40B-n257A | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40B-n257D | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n40B-n257E | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n40B-n257F | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n40B-n257G | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n40B-n257H | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n40B-n257I | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n40B-n257J | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n40B-n257K | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n40B-n257L | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n40B-n257M | CA\_n40B  CA\_n40A-n257A | n40 | CA\_n40B | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n40A-n258A | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n40A-n258D | CA\_n40A-n258A | n40 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n40A-n258E | CA\_n40A-n258A | n40 | 5, 10, 15, 20 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n40A-n258F | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n40A-n258G | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n40A-n258H | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n40A-n258I | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n40A-n258J | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n40A-n258K | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n40A-n258L | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n40A-n258M | CA\_n40A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n258 | CA\_n258M |  |

Table 5.5A.1-1j: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NR CA configuration | | | Uplink CA configuration | | | NR Band | | | Channel bandwidth (MHz) (NOTE 3) | | | Bandwidth combination set | | | |
| CA\_n41A-n257A | | | CA\_n41A-n257A | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
| n257 | | | 50, 100, 200, 400 | | |
| CA\_n41A-n257G | | | CA\_n257G  CA\_n41A-n257A  CA\_n41A-n257G | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
| n257 | | | CA\_n257G | | |
| CA\_n41A-n257H | | | CA\_n257G  CA\_n257H  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
| n257 | | | CA\_n257H | | |
| CA\_n41A-n257I | | | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
| n257 | | | CA\_n257I | | |
| CA\_n41A-n258A | | | CA\_n41A-n258A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n258 | | | 50, 100, 200, 400 | | |  | | | |
|  | | |  | | | n41 | | | See n41 channel bandwidths in 38.101-1 Table 5.3.5-1 | | | 4 and 5 | | | |
|  | | |  | | | n258 | | | See n258 channel bandwidths in 38.101-2 Table 5.3.5-1 | | |  | | | |
| CA\_n41A-n258(2A) | | | CA\_n41A-n258A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(2A) | | |  | | | |
|  | | |  | | | n41 | | | See n41 channel bandwidths in 38.101-1 Table 5.3.5-1 | | | 4 and 5 | | | |
|  | | |  | | | n258 | | | CA\_n258(2A) | | |  | | | |
| CA\_n41A-n258(3A) | | | CA\_n41A-n258A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(3A) | | |  | | | |
| CA\_n41A-n258(4A) | | | CA\_n41A-n258A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(4A) | | |  | | | |
| CA\_n41A-n258(5A) | | | CA\_n41A-n258A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(5A) | | |  | | | |
| CA\_n41A-n258G | | | CA\_n41A-n258A  CA\_n41A-n258G | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258G | | | |  | | | |
| CA\_n41A-n258(2G) | | | | CA\_n41A-n258A  CA\_n41A-n258G | | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258(2G) | | | |  | | | |
| CA\_n41A-n258H | | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258H | | | |  | | | |
| CA\_n41A-n258(A-G) | | | | CA\_n41A-n258A  CA\_n41A-n258G | | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258(A-G) | | | |  | | | |
| CA\_n41A-n258(A-H) | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258(A-H) | | | |  | | | |
| CA\_n41A-n258(G-H) | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | n41 | | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(G-H) | | |  | | | |
| CA\_n41C-n258A | | | | CA\_n41A-n258A | | | | n41 | | | CA\_n41C | | | | 0 | | | |
|  | | | |  | | | | n258 | | | 50, 100, 200, 400 | | | |  | | | |
| CA\_n41C-n258(2A) | | | | CA\_n41A-n258A | | | | n41 | | | CA\_n41C | | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258(2A) | | | |  | | | |
| CA\_n41C-n258(3A) | | | | CA\_n41A-n258A | | | | n41 | | | CA\_n41C | | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(3A) | | |  | | | |
| CA\_n41C-n258(4A) | | | CA\_n41A-n258A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(4A) | | |  | | | |
| CA\_n41C-n258(5A) | | | CA\_n41A-n258A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258(5A) | | | |  | | | |
| CA\_n41C-n258G | | | | CA\_n41A-n258A  CA\_n41A-n258G | | | | n41 | | | CA\_n41C BCS1 | | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258G | | | |  | | | |
| CA\_n41C-n258(2G) | | | | CA\_n41A-n258A  CA\_n41A-n258G | | | | n41 | | | CA\_n41C BCS1 | | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258(2G) | | | |  | | | |
| CA\_n41C-n258H | | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | | n41 | | | CA\_n41C BCS1 | | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258H | | | |  | | | |
| CA\_n41C-n258(A-G) | | | | CA\_n41A-n258A  CA\_n41A-n258G | | | | n41 | | | CA\_n41C BCS1 | | | | 0 | | | |
|  | | | |  | | | | n258 | | | CA\_n258(A-G) | | | |  | | | |
| CA\_n41C-n258(A-H) | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | n41 | | | CA\_n41C BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(A-H) | | |  | | | |
| CA\_n41C-n258(G-H) | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | n41 | | | CA\_n41C BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(G-H) | | |  | | | |
| CA\_n41(2A)-n258A | | | CA\_n41A-n258A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | 50, 100, 200, 400 | | |  | | | |
| CA\_n41(2A)-n258(2A) | | | CA\_n41A-n258A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(2A) | | |  | | | |
| CA\_n41(2A)-n258(3A) | | | CA\_n41A-n258A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(3A) | | |  | | | |
| CA\_n41(2A)-n258(4A) | | | CA\_n41A-n258A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(4A) | | |  | | | |
| CA\_n41(2A)-n258(5A) | | | CA\_n41A-n258A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(5A) | | |  | | | |
| CA\_n41(2A)-n258G | | | CA\_n41A-n258A  CA\_n41A-n258G | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258G | | |  | | | |
| CA\_n41(2A)-n258(2G) | | | CA\_n41A-n258A  CA\_n41A-n258G | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(2G) | | |  | | | |
| CA\_n41(2A)-n258H | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258H | | |  | | | |
| CA\_n41(2A)-n258(A-G) | | | CA\_n41A-n258A  CA\_n41A-n258G | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(A-G) | | |  | | | |
| CA\_n41(2A)-n258(A-H) | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(A-H) | | |  | | | |
| CA\_n41(2A)-n258(G-H) | | | CA\_n41A-n258A  CA\_n41A-n258G  CA\_n41A-n258H | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n258 | | | CA\_n258(G-H) | | |  | | | |
| CA\_n41A-n260A | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | 50, 100, 200, 400 | | |  | | | |
| CA\_n41A-n260(2A) | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(2A) | | |  | | | |
| CA\_n41A-n260(3A) | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(3A) | | |  | | | |
| CA\_n41A-n260(4A) | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(4A) | | |  | | | |
| CA\_n41A-n260(5A) | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(5A) | | |  | | | |
| CA\_n41A-n260(6A) | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(6A) | | |  | | | |
| CA\_n41A-n260(7A) | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(7A) | | |  | | | |
| CA\_n41A-n260(8A) | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(8A) | | |  | | | |
| CA\_n41A-n260G | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260G | | |  | | | |
| CA\_n41A-n260H | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260H | | |  | | | |
| CA\_n41A-n260I | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260I | | |  | | | |
| CA\_n41A-n260J | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260J | | |  | | | |
| CA\_n41A-n260K | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260K | | |  | | | |
| CA\_n41A-n260L | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260L | | |  | | | |
| CA\_n41A-n260M | | | CA\_n41A-n260A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260M | | |  | | | |
| CA\_n41(2A)-n260A | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n260 | | | 50, 100, 200, 400 | | |  | | | |
| CA\_n41(2A)-n260(2A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(2A) | | |  | | | |
| CA\_n41(2A)-n260(3A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(3A) | | |  | | | |
| CA\_n41(2A)-n260(4A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(4A) | | |  | | | |
| CA\_n41(2A)-n260(5A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(5A) | | |  | | | |
| CA\_n41(2A)-n260(6A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(6A) | | |  | | | |
| CA\_n41(2A)-n260(7A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(7A) | | |  | | | |
| CA\_n41(2A)-n260(8A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(8A) | | |  | | | |
| CA\_n41(2A)-n260G | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260G | | |  | | | |
| CA\_n41(2A)-n260H | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260H | | |  | | | |
| CA\_n41(2A)-n260I | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260I | | |  | | | |
| CA\_n41(2A)-n260J | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260J | | |  | | | |
| CA\_n41(2A)-n260K | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260K | | |  | | | |
| CA\_n41(2A)-n260L | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260L | | |  | | | |
| CA\_n41(2A)-n260M | | | CA\_n41A-n260A | | | n41 | | | CA\_n41(2A) | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260M | | |  | | | |
| CA\_n41C-n260A | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | 50, 100, 200, 400 | | |  | | | |
| CA\_n41C-n260(2A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(2A) | | |  | | | |
| CA\_n41C-n260(3A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(3A) | | |  | | | |
| CA\_n41C-n260(4A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(4A) | | |  | | | |
| CA\_n41C-n260(5A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(5A) | | |  | | | |
| CA\_n41C-n260(6A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(6A) | | |  | | | |
| CA\_n41C-n260(7A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(7A) | | |  | | | |
| CA\_n41C-n260(8A) | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260(8A) | | |  | | | |
| CA\_n41C-n260G | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260G | | |  | | | |
| CA\_n41C-n260H | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260H | | |  | | | |
| CA\_n41C-n260I | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260I | | |  | | | |
| CA\_n41C-n260J | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260J | | |  | | | |
| CA\_n41C-n260K | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260K | | |  | | | |
| CA\_n41C-n260L | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260L | | |  | | | |
| CA\_n41C-n260M | | | CA\_n41A-n260A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n260 | | | CA\_n260M | | |  | | | |
| CA\_n41A-n261A | | | CA\_n41A-n261A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n261 | | | 50, 100, 200, 400 | | |  | | | |
| CA\_n41A-n261(2A) | | | CA\_n41A-n261A | | | n41 | | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | | 0 | | | |
|  | | |  | | | n261 | | | CA\_n261(2A) | | |  | | | |
| CA\_n41C-n261A | | | CA\_n41A-n261A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n261 | | | 50, 100, 200, 400 | | |  | | | |
| CA\_n41(2A)-n261A | | | CA\_n41A-n261A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n261 | | | 50, 100, 200, 400 | | |  | | | |
| CA\_n41C-n261(2A) | | | CA\_n41A-n261A | | | n41 | | | CA\_n41C | | | 0 | | | |
|  | | |  | | | n261 | | | CA\_n261(2A) | | |  | | | |
| CA\_n41(2A)-n261(2A) | | | CA\_n41A-n261A | | | n41 | | | CA\_n41(2A) BCS1 | | | 0 | | | |
|  | | |  | | | n261 | | | CA\_n261(2A) | | |  | | | |

Table 5.5A.1-1k: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NR CA configuration** | **Uplink CA configuration** | **NR Band** | **Channel bandwidth (MHz) (NOTE 3)** | **Bandwidth combination set** |
| CA\_n48A-n260A | CA\_n48A-n260A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n48A-n260G | CA\_n48A-n260A  CA\_n48A-n260G | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n48A-n260H | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n48A-n260I | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n48A-n260J | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n48A-n260K | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n48A-n260L | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n48A-n260M | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n48(2A)-n260A | CA\_n48A-n260A | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n48(2A)-n260G | CA\_n48A-n260A  CA\_n48A-n260G | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n48(2A)-n260H | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n48(2A)-n260I | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n48(2A)-n260J | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n48(2A)-n260K | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n48(2A)-n260L | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n48(2A)-n260M | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(2A) | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n48B-n260A | CA\_n48A-n260A | n48 | CA\_n48B | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n48B-n260G | CA\_n48A-n260A  CA\_n48A-n260G | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n48B-n260H | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n48B-n260I | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n48B-n260J | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n48B-n260K | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n48B-n260L | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n48B-n260M | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48B | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n48(A-B)-n260A | CA\_n48A-n260A | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n48(A-B)-n260G | CA\_n48A-n260A  CA\_n48A-n260G | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n48(A-B)-n260H | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n48(A-B)-n260I | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n48(A-B)-n260J | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n48(A-B)-n260K | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n48(A-B)-n260L | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n48(A-B)-n260M | CA\_n48A-n260A  CA\_n48A-n260G  CA\_n48A-n260H  CA\_n48A-n260I | n48 | CA\_n48(A-B) | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n48A-n261A | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n48A-n261G | CA\_n48A-n261A  CA\_n48A-n261G | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n48A-n261H | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n48A-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n48A-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n48A-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n48A-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n48A-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n48A-n261(2A) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n48A-n261(2G) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n48A-n261(2I) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n48A-n261(2H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n48A-n261(3A) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n48A-n261(4A) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n48A-n261(A-G) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n48A-n261(A-G-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n48A-n261(A-G-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n48A-n261(A-H) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n48A-n261(A-I) | CA\_n48A-n261A | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n48A-n261(G-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n48A-n261(H-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n48A-n261(G-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n48A-n261(2A-G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n48A-n261(2A-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n48A-n261(2A-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n48A-n261(A-2G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n48(2A)-n261A | CA\_n48A-n261A | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n48(2A)-n261G | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n48(2A)-n261H | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n48(2A)-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n48(2A)-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n48(2A)-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n48(2A)-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n48(2A)-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n48(2A)-n261(G-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
|  |  | n48 | CA\_n48(2A)\_BCS1 | 1 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n48(2A)-n261(2H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261(2H) |  |
|  |  | n48 | CA\_n48(2A)\_BCS1 | 1 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n48(2A)-n261(G-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
|  |  | n48 | CA\_n48(2A)\_BCS1 | 1 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n48(2A)-n261(A-G-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
|  |  | n48 | CA\_n48(2A)\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n48(2A)-n261(H-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
|  |  | n48 | CA\_n48(2A)\_BCS1 | 1 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n48(2A)-n261(2A-G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n48(2A)-n261(2A-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n48(2A)-n261(2A-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n48(2A)-n261(2A) | CA\_n48A-n261A | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n48(2A)-n261(3A) | CA\_n48A-n261A | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n48(2A)-n261(2G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n48(2A)-n261(A-2G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n48(2A)-n261(A-G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n48(2A)-n261(A-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n48(2A)-n261(A-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) BCS1 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n48(2A)-n261(A-G-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(2A) | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
|  |  | n48 | CA\_n48(2A)\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n48B-n261A | CA\_n48A-n261A | n48 | CA\_n48B | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n48B-n261G | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n48B-n261H | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n48B-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n48B-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n48B-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n48B-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n48B-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n48B-n261(G-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(G-H) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n48B-n261(2H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(2H) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(2H) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n48B-n261(G-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(G-I) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n48B-n261(A-G-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-G-H) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n48B-n261(H-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(H-I) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n48B-n261(2A-G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(2A-G) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n48B-n261(2A-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(2A-H) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n48B-n261(2A-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(2A-I) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n48B-n261(2A) | CA\_n48A-n261A | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(2A) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(2A) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n48B-n261(3A) | CA\_n48A-n261A | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(3A) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(3A) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n48B-n261(2G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(2G) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(2G) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n48B-n261(A-2G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-2G) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n48B-n261(A-G) | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-G) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n48B-n261(A-H) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-H) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n48B-n261(A-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-I) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n48B-n261(A-G-I) | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48B | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
|  |  | n48 | CA\_n48B\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-G-I) |  |
|  |  | n48 | CA\_n48B\_BCS2 | 2 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n48(A-B)-n261A | CA\_n48A-n261A | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n48(A-B)-n261G | CA\_n48A-n261A  CA\_n48A-n261G | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n48(A-B)-n261H | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n48(A-B)-n261I | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n48(A-B)-n261J | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n48(A-B)-n261K | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n48(A-B)-n261L | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n48(A-B)-n261M | CA\_n48A-n261A  CA\_n48A-n261G  CA\_n48A-n261H  CA\_n48A-n261I | n48 | CA\_n48(A-B) | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n48A-n263A | CA\_n48A-n263A | n48 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
| n263 | 400, 800, 1600, 2000 |
| CA\_n48A-n263G | CA\_n48A-n263A | n48 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
| n263 | CA\_n263G |
| CA\_n48A-n263H | CA\_n48A-n263A | n48 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
| n263 | CA\_n263H |
| CA\_n48A-n263I | CA\_n48A-n263A | n48 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
| n263 | CA\_n263I |
| CA\_n48A-n263J | CA\_n48A-n263A | n48 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
| n263 | CA\_n263J |
| CA\_n48A-n263K | CA\_n48A-n263A | n48 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
| n263 | CA\_n263K |
| CA\_n48A-n263L | CA\_n48A-n263A | n48 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
| n263 | CA\_n263L |
| CA\_n48A-n263M | CA\_n48A-n263A | n48 | 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
| n263 | CA\_n263M |
| CA\_n48(2A)-n263A | CA\_n48A-n263A | n48 | CA\_n48(2A) | 0 |
| n263 | 400, 800, 1600, 2000 |
| CA\_n48(2A)-n263G | CA\_n48A-n263A | n48 | CA\_n48(2A) | 0 |
| n263 | CA\_n263G |
| CA\_n48(2A)-n263H | CA\_n48A-n263A | n48 | CA\_n48(2A) | 0 |
| n263 | CA\_n263H |  |
| CA\_n48(2A)-n263I | CA\_n48A-n263A | n48 | CA\_n48(2A) | 0 |
| n263 | CA\_n263I |
| CA\_n48(2A)-n263J | CA\_n48A-n263A | n48 | CA\_n48(2A) | 0 |
| n263 | CA\_n263J |
| CA\_n48(2A)-n263K | CA\_n48A-n263A | n48 | CA\_n48(2A) | 0 |
| n263 | CA\_n263K |
| CA\_n48(2A)-n263L | CA\_n48A-n263A | n48 | CA\_n48(2A) | 0 |
| n263 | CA\_n263L |
| CA\_n48(2A)-n263M | CA\_n48A-n263A | n48 | CA\_n48(2A) | 0 |
| n263 | CA\_n263M |
| CA\_n48B-n263A | CA\_n48A-n263A | n48 | CA\_n48B | 0 |
| n263 | 400, 800, 1600, 2000 |
| CA\_n48B-n263G | CA\_n48A-n263A | n48 | CA\_n48B | 0 |
| n263 | CA\_n263G |
| CA\_n48B-n263H | CA\_n48A-n263A | n48 | CA\_n48B | 0 |
| n263 | CA\_n263H |
| CA\_n48B-n263I | CA\_n48A-n263A | n48 | CA\_n48B | 0 |
| n263 | CA\_n263I |
| CA\_n48B-n263J | CA\_n48A-n263A | n48 | CA\_n48B | 0 |
| n263 | CA\_n263J |
| CA\_n48B-n263K | CA\_n48A-n263A | n48 | CA\_n48B | 0 |
| n263 | CA\_n263K |
| CA\_n48B-n263L | CA\_n48A-n263A | n48 | CA\_n48B | 0 |
| n263 | CA\_n263L |
| CA\_n48B-n263M | CA\_n48A-n263A | n48 | CA\_n48B | 0 |
| n263 | CA\_n263M |
| CA\_n48(A-B)-n263A | CA\_n48A-n263A | n48 | CA\_n48(A-B) | **0** |
| n263 | 400, 800, 1600, 2000 |
| CA\_n48(A-B)-n263G | CA\_n48A-n263A | n48 | CA\_n48(A-B) | 0 |
| n263 | CA\_n263G |
| CA\_n48(A-B)-n263H | CA\_n48A-n263A | n48 | CA\_n48(A-B) | 0 |
| n263 | CA\_n263H |
| CA\_n48(A-B)-n263I | CA\_n48A-n263A | n48 | CA\_n48(A-B) | 0 |
| n263 | CA\_n263I |
| CA\_n48(A-B)-n263J | CA\_n48A-n263A | n48 | CA\_n48(A-B) | 0 |
| n263 | CA\_n263J |
| CA\_n48C-n263A | CA\_n48A-n263A | n48 | CA\_n48C | 0 |
| n263 | 400, 800, 1600, 2000 |
| CA\_n48C-n263G | CA\_n48A-n263A | n48 | CA\_n48C | 0 |
| n263 | CA\_n263G |
| CA\_n48C-n263H | CA\_n48A-n263A | n48 | CA\_n48C | 0 |
| n263 | CA\_n263H |
| CA\_n48C-n263I | CA\_n48A-n263A | n48 | CA\_n48C | 0 |
| n263 | CA\_n263I |  |
| CA\_n48C-n263J | CA\_n48A-n263A | n48 | CA\_n48C | 0 |
| n263 | CA\_n263J |
| CA\_n48C-n263K | CA\_n48A-n263A | n48 | CA\_n48C | 0 |
| n263 | CA\_n263K |
| CA\_n48C-n263L | CA\_n48A-n263A | n48 | CA\_n48C | 0 |
| n263 | CA\_n263L |
| CA\_n48C-n263M | CA\_n48A-n263A | n48 | CA\_n48C | 0 |
| n263 | CA\_n263M |
| CA\_n48(3A)-n263A | CA\_n48A-n263A | n48 | CA\_n48(3A) | 0 |
| n263 | 400, 800, 1600, 2000 |
| CA\_n48(3A)-n263G | CA\_n48A-n263A | n48 | CA\_n48(3A) | 0 |
| n263 | CA\_n263G |
| CA\_n48(3A)-n263H | CA\_n48A-n263A | n48 | CA\_n48(3A) | 0 |
| n263 | CA\_n263H |
| CA\_n48(3A)-n263I | CA\_n48A-n263A | n48 | CA\_n48(3A) | 0 |
| n263 | CA\_n263I |
| CA\_n48(3A)-n263J | CA\_n48A-n263A | n48 | CA\_n48(3A) | 0 |
| n263 | CA\_n263J |
| CA\_n48(3A)-n263K | CA\_n48A-n263A | n48 | CA\_n48(3A) | 0 |
| n263 | CA\_n263K |
| CA\_n48(3A)-n263L | CA\_n48A-n263A | n48 | CA\_n48(3A) | 0 |
| n263 | CA\_n263L |
| CA\_n48(3A)-n263M | CA\_n48A-n263A | n48 | CA\_n48(3A) | 0 |
| n263 | CA\_n263M |
| CA\_n48(4A)-n263A | CA\_n48A-n263A | n48 | CA\_n48(4A) | 0 |
| n263 | 400, 800, 1600, 2000 |
| CA\_n48(4A)-n263G | CA\_n48A-n263A | n48 | CA\_n48(4A) | 0 |
| n263 | CA\_n263G |
| CA\_n48(4A)-n263H | CA\_n48A-n263A | n48 | CA\_n48(4A) |
| n263 | CA\_n263H | 0 |
| CA\_n48(4A)-n263I | CA\_n48A-n263A | n48 | CA\_n48(4A) | 0 |
| n263 | CA\_n263I |
| CA\_n48(4A)-n263J | CA\_n48A-n263A | n48 | CA\_n48(4A) | 0 |
|  | n263 | CA\_n263J |
| CA\_n48(4A)-n263K | CA\_n48A-n263A | n48 | CA\_n48(4A) | 0 |
| n263 | CA\_n263K |
| CA\_n48(4A)-n263L | CA\_n48A-n263A | n48 | CA\_n48(4A) | 0 |
| n263 | CA\_n263L |
| CA\_n48(4A)-n263M | CA\_n48A-n263A | n48 | CA\_n48(4A) | 0 |
| n263 | CA\_n263M |

Table 5.5A.1-1l: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NR CA configuration** | **Uplink CA configuration** | **NR Band** | **Channel bandwidth (MHz) (NOTE 3)** | **Bandwidth combination set** |
| CA\_n66A-n258A | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n66A-n258(2A) | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n66A-n258(3A) | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n66A-n258(4A) | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n66A-n258(5A) | CA\_n66A-n258A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n66A-n258G | CA\_n66A-n258A  CA\_n66A-n258G | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n66A-n258(2G) | CA\_n66A-n258A  CA\_n66A-n258G | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(2G) |  |
| CA\_n66A-n258H | CA\_n66A-n258A  CA\_n66A-n258G  CA\_n66A-n258H | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n66A-n258(A-G) | CA\_n66A-n258A  CA\_n66A-n258G | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(A-G) |  |
| CA\_n66A-n258(A-H) | CA\_n66A-n258A  CA\_n66A-n258G  CA\_n66A-n258H | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(A-H) |  |
| CA\_n66A-n258(G-H) | CA\_n66A-n258A  CA\_n66A-n258G  CA\_n66A-n258H | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n258 | CA\_n258(G-H) |  |
| CA\_n66A-n260A | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n66A-n260(2A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n66A-n260(3A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n66A-n260(4A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n66A-n260(5A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(5A) |  |
| CA\_n66A-n260(6A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(6A) |  |
| CA\_n66A-n260(7A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(7A) |  |
| CA\_n66A-n260(8A) | CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260(8A) |  |
| CA\_n66A-n260G | CA\_n66A-n260A  CA\_n66A-n260G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260G |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260G |  |
| CA\_n66A-n260H | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260H |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260H |  |
| CA\_n66A-n260I | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260I |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260I |  |
| CA\_n66A-n260J | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260J |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260J |  |
| CA\_n66A-n260K | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260K |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260K |  |
| CA\_n66A-n260L | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n66A-n260L | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260L |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260L |  |
| CA\_n66A-n260M | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n66A-n260L  CA\_n66A-n260M | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n260 | CA\_n260M |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n260 | CA\_n260M |  |
| CA\_n66(2A)-n260A | CA\_n66A-n260A | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n66(2A)-n260G | CA\_n66A-n260A  CA\_n66A-n260G | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n66(2A)-n260H | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n66(2A)-n260I | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n66(2A)-n260J | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n66(2A)-n260K | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n66(2A)-n260L | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n66A-n260L | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n66(2A)-n260M | CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n66A-n260L  CA\_n66A-n260M | n66 | CA\_n66(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n66A-n261A | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n66A-n261(2A) | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n66A-n261(3A) | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n66A-n261(4A) | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n66A-n261G | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n66A-n261H | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n66A-n261I | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n66A-n261J | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n66A-n261K | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n66A-n261L | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n66A-n261M | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n66A-n261O | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261O |  |
| CA\_n66A-n261P | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261P |  |
| CA\_n66A-n261Q | CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261Q |  |
| CA\_n66A-n261(2G) | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n66A-n261(2H) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n66A-n261(2I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n66A-n261(A-G) | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n66A-n261(A-H) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n66A-n261(A-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n66A-n261(A-J) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-J) |  |
| CA\_n66A-n261(A-K) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-K) |  |
| CA\_n66A-n261(A-L) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-L) |  |
| CA\_n66A-n261(G-H) | CA\_n66A-n261A  CA\_n66A-n261G CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n66A-n261(H-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n66A-n261(G-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n66A-n261(A-G-H) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n66A-n261(A-G-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n66A-n261(2A-H) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n66A-n261(2A-G) | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n66A-n261(2A-I) | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n66A-n261(A-2G) | CA\_n66A-n261A  CA\_n66A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n71A-n257A | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n71A-n260A | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n71A-n260(2A) | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n71A-n260(3A) | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(3A) |  |
| CA\_n71A-n260(4A) | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n260 | CA\_n260(4A) |  |
| CA\_n71A-n261A | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n71A-n261(2A) | - | n71 | 5, 10, 15, 20 | 0 |
|  |  | n261 | CA\_n261(2A) |  |

Table 5.5A.1-1m: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NR CA configuration** | **Uplink CA configuration** | **NR Band** | **Channel bandwidth (MHz) (NOTE 3)** | **Bandwidth combination set** |
| CA\_n77A-n257A | CA\_n77A-n257A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77A-n257D | CA\_n77A-n257A  CA\_n77A-n257D | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n77A-n257E | CA\_n77A-n257A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n77A-n257F | CA\_n77A-n257A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n77A-n257G | CA\_n257G  CA\_n77A-n257A  CA\_n77A-n257G | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n77A-n257H | CA\_n257G  CA\_n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n77A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n77A-n257J | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n77A-n257K | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n77A-n257L | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n257L  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I,  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n77A-n257M | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n257J  CA\_n257K  CA\_n257L  CA\_n257M  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L  CA\_n77A-n257M | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n77C-n257A | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77C-n257D | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n77C-n257E | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n77C-n257F | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n77C-n257G | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n77C-n257H | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n77C-n257I | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n77C-n257J | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n77C-n257K | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n77C-n257L | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n77C-n257M | CA\_n77A-n257A | n77 | CA\_n77C | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n77(2A)-n257A | CA\_n77A-n257A | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77(2A)-n257D | CA\_n77A-n257A  CA\_n77A-n257D | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n77(2A)-n257G | CA\_n77A-n257A  CA\_n77A-n257G | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n77(2A)-n257H | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n77(2A)-n257I | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n77(2A)-n257J | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n77(2A)-n257K | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n77(2A)-n257L | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n77(2A)-n257M | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n77A-n257J  CA\_n77A-n257K  CA\_n77A-n257L  CA\_n77A-n257M | n77 | CA\_n77(2A) | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n77(3A)-n257A | CA\_n77A-n257A | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77(3A)-n257D | CA\_n77A-n257A  CA\_n77A-n257D | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n77(3A)-n257G | CA\_n77A-n257A  CA\_n77A-n257G | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n77(3A)-n257H | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n77(3A)-n257I | CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n77 | CA\_n77(3A) | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n77A-n258A | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n77A-n258D | CA\_n77A-n258A  CA\_n77A-n258D | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n77A-n258G | CA\_n77A-n258A  CA\_n77A-n258G | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n77A-n258H | CA\_n77A-n258A  CA\_n77A-n258G  CA\_n77A-n258H | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n77A-n258I | CA\_n77A-n258A  CA\_n77A-n258G  CA\_n77A-n258H  CA\_n77A-n258I | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n77(2A)-n258A | CA\_n77A-n258A | n77 | CA\_n77(2A) | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n77A-n258(2A) | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n77A-n258(3A) | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258(3A) |  |
| CA\_n77A-n258(4A) | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258(4A) |  |
| CA\_n77A-n258(5A) | CA\_n77A-n258A | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258(5A) |  |
| CA\_n77A-n260A | CA\_n77A-n260A | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n77A-n260G | CA\_n77A-n260A  CA\_n77A-n260G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n77A-n260H | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n77A-n260I | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n77A-n260J | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n77A-n260K | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n77A-n260L | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n77A-n260M | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L  CA\_n77A-n260M | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n77C-n260A | CA\_n77A-n260A | n77 | CA\_n77C | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n77C-n260G | CA\_n77A-n260A  CA\_n77A-n260G | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n77C-n260H | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n77C-n260I | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n77C-n260J | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n77C-n260K | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n77C-n260L | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n77C-n260M | CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77C | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n77(2A)-n260A | CA\_n77(2A)  CA\_n77A-n260A | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n77(2A)-n260G | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260G |  |
| CA\_n77(2A)-n260H | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260H |  |
| CA\_n77(2A)-n260I | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260I |  |
| CA\_n77(2A)-n260J | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260J |  |
| CA\_n77(2A)-n260K | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260K |  |
| CA\_n77(2A)-n260L | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260L |  |
| CA\_n77(2A)-n260M | CA\_n77(2A)  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L  CA\_n77A-n260M | n77 | CA\_n77(2A)\_BCS1 | 0 |
|  |  | n260 | CA\_n260M |  |
| CA\_n77A-n261A | CA\_n77A-n261A | n77 | 10, 15, 20, 40, 50, 60, 701,80, 90, 100 | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n77A-n261D | CA\_n77A-n261A  CA\_n77A-n261D | n77 | 10, 15, 20, 40, 50, 60, 701,80, 90, 100 | 0 |
|  |  | n261 | CA\_n261D |  |
| CA\_n77A-n261G | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n77A-n261H | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n77A-n261I | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 40, 50, 60, 701,80, 90, 100 | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n77A-n261J | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n77A-n261K | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701,80, 90, 100 | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n77A-n261L | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K  CA\_n77A-n261L | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n77A-n261M | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I  CA\_n77A-n261J  CA\_n77A-n261K  CA\_n77A-n261L  CA\_n77A-n261M | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n77A-n261(2A) | CA\_n77A-n261A | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701,80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n77A-n261(2G) | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n77A-n261(2H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n77A-n261(2I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2I) |  |
| CA\_n77A-n261(3A) | CA\_n77A-n261A | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n77A-n261(4A) | CA\_n77A-n261A | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(4A) |  |
| CA\_n77A-n261(A-G) | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n77A-n261(A-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701,80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n77A-n261(A-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n77A-n261(G-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n77A-n261(G-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n77A-n261(H-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 701, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n77A-n261(A-J) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-J) |  |
| CA\_n77A-n261(A-K) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-K) |  |
| CA\_n77A-n261(A-L) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-L) |  |
| CA\_n77A-n261(A-G-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n77A-n261(A-G-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n77A-n261(2A-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n77A-n261(2A-G) | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n77A-n261(2A-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n77A-n261(A-2G) | CA\_n77A-n261A  CA\_n77A-n261G | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n77C-n261A | CA\_n77A-n261A | n77 | CA\_n77C | 0 |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n77C-n261G | CA\_n77A-n261A  CA\_n77A-n261G | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261G |  |
| CA\_n77C-n261H | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261H |  |
| CA\_n77C-n261I | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261I |  |
| CA\_n77C-n261J | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261J |  |
| CA\_n77C-n261K | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261K |  |
| CA\_n77C-n261L | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261L |  |
| CA\_n77C-n261M | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261M |  |
| CA\_n77C-n261(G-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(G-H) |  |
|  |  | n77 | CA\_n77C\_BCS1 | 1 |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n77C-n261(2H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(2H) |  |
|  |  | n77 | CA\_n77C\_BCS1 | 1 |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n77C-n261(G-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(G-I) |  |
|  |  | n77 | CA\_n77C\_BCS1 | 1 |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n77C-n261(A-G-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(A-G-H) |  |
|  |  | n77 | CA\_n77C\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n77C-n261(H-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(H-I) |  |
|  |  | n77 | CA\_n77C\_BCS1 | 1 |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n77C-n261(2A-G) | CA\_n77A-n261A  CA\_n77A-n261G | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(2A-G) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n77C-n261(2A-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(2A-H) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n77C-n261(2A-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(2A-I) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n77C-n261(2A) | CA\_n77A-n261A | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(2A) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n77C-n261(3A) | CA\_n77A-n261A | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(3A) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n77C-n261(2G) | CA\_n77A-n261A  CA\_n77A-n261G | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(2G) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n77C-n261(A-2G) | CA\_n77A-n261A  CA\_n77A-n261G | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(A-2G) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n77C-n261(A-G) | CA\_n77A-n261A  CA\_n77A-n261G | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(A-G) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n77C-n261(A-H) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(A-H) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n77C-n261(A-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n48 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(A-I) |  |
|  |  | n48 | CA\_n77C BCS 1 | 1 |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n77C-n261(A-G-I) | CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n77 | CA\_n77C | 0 |
|  |  | n261 | CA\_n261(A-G-I) |  |
|  |  | n77 | CA\_n77C\_BCS1 | 1 |
|  |  | n261 | CA\_n261(A-G-I) |  |

Table 5.5A.1-1n: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NR CA configuration** | **Uplink CA configuration** | **NR Band** | **Channel bandwidth (MHz) (NOTE 3)** | **Bandwidth combination set** |
| CA\_n78A-n257A | CA\_n78A-n257A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n78A-n257D | CA\_n78A-n257A  CA\_n78A-n257D | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n78A-n257E | CA\_n78A-n257A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n78A-n257F | CA\_n78A-n257A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n78C-n257A | CA\_n78A-n257A | n78 | CA\_n78C | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n78C-n257D | CA\_n78A-n257A | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n78C-n257E | CA\_n78A-n257A | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n78C-n257F | CA\_n78A-n257A | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n78C-n257G | CA\_n78A-n257A  CA\_n78A-n257G | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n78C-n257H | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n78C-n257I | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n78C-n257J | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n78C-n257K | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n78C-n257L | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n78C-n257M | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257M | n78 | CA\_n78C | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n78A-n257G | CA\_n257G  CA\_n78A-n257A  CA\_n78A-n257G | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n78A-n257H | CA\_n257G  CA\_n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n78A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n78A-n257J | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n78A-n257K | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n78A-n257L | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n78A-n257M | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n78(2A)-n257A | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n78(2A)-n257D | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n78(2A)-n257E | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n78(2A)-n257F | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n78(2A)-n257G | CA\_n78A-n257A  CA\_n78A-n257G | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n78(2A)-n257H | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n78(2A)-n257I | CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n78(2A)-n257J | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n78(2A)-n257K | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n78(2A)-n257L | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n78(2A)-n257M | CA\_n78A-n257A | n78 | CA\_n78(2A) | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n78A-n258A | CA\_n78A-n258A | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n78A-n258B | CA\_n78A-n258A | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n78A-n258C | CA\_n78A-n258A | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n78A-n258D | CA\_n78A-n258A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258D |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258D |  |
| CA\_n78A-n258E | CA\_n78A-n258A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258E |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258E |  |
| CA\_n78A-n258F | CA\_n78A-n258A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258F |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258F |  |
| CA\_n78A-n258G | CA\_n78A-n258A  CA\_n78A-n258G | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258G |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258G |  |
| CA\_n78A-n258H | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H | n78 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258H |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258H |  |
| CA\_n78A-n258I | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258I |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258I |  |
| CA\_n78A-n258J | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258J |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258J |  |
| CA\_n78A-n258K | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258K |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258K |  |
| CA\_n78A-n258L | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258L |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258L |  |
| CA\_n78A-n258M | CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L  CA\_n78A-n258M | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258M |  |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | 1 |
|  |  | n258 | CA\_n258M |  |
| CA\_n78A-n258(2A) | CA\_n78A-n258A  CA\_n78A-n258(2A) | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n258 | CA\_n258(2A) |  |
| CA\_n78B-n258A | CA\_n78A-n258A | n78 | CA\_n78B | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n78B-n258B | CA\_n78A-n258A | n78 | CA\_n78B | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n78C-n258A | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | 50, 100, 200, 400 |  |
| CA\_n78C-n258B | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258B |  |
| CA\_n78C-n258C | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258C |  |
| CA\_n78C-n258D | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258D |  |
| CA\_n78C-n258E | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258E |  |
| CA\_n78C-n258F | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258F |  |
| CA\_n78C-n258G | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258G |  |
| CA\_n78C-n258H | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258H |  |
| CA\_n78C-n258I | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258I |  |
| CA\_n78C-n258J | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258J |  |
| CA\_n78C-n258K | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258K |  |
| CA\_n78C-n258L | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258L |  |
| CA\_n78C-n258M | CA\_n78A-n258A | n78 | CA\_n78C | 0 |
| n258 | CA\_n258M |  |

Table 5.5A.1-1o: Inter-band CA configurations and bandwith combinations sets between FR1 and FR2 (two bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink CA configuration | NR Band | Channel bandwidth (MHz) (NOTE 3) | Bandwidth combination set |
| CA\_n79A-n257A | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n79A-n257D | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n79A-n257E | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n79A-n257F | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n79A-n257G | CA\_n257G  CA\_n79A-n257A  CA\_n79A-n257G | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257G |  |
| CA\_n79A-n257H | CA\_n257G  CA\_n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257H |  |
| CA\_n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257I |  |
| CA\_n79A-n257J | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257J |  |
| CA\_n79A-n257K | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257K |  |
| CA\_n79A-n257L | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257L |  |
| CA\_n79A-n257M | CA\_n79A-n257A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n257 | CA\_n257M |  |
| CA\_n79C-n257A | CA\_n79A-n257A | n79 | CA\_n79C | 0 |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n79C-n257D | CA\_n79A-n257A | n79 | CA\_n79C | 0 |
|  |  | n257 | CA\_n257D |  |
| CA\_n79C-n257E | CA\_n79A-n257A | n79 | CA\_n79C | 0 |
|  |  | n257 | CA\_n257E |  |
| CA\_n79C-n257F | CA\_n79A-n257A | n79 | CA\_n79C | 0 |
|  |  | n257 | CA\_n257F |  |
| CA\_n79A-n258A | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n79A-n258B | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258B |  |
| CA\_n79A-n258C | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258C |  |
| CA\_n79A-n258D | CA\_n79A-n258A  CA\_n79A-n258D | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258D |  |
| CA\_n79A-n258E | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258E |  |
| CA\_n79A-n258F | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258F |  |
| CA\_n79A-n258G | CA\_n79A-n258A  CA\_n79A-n258G | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258G |  |
| CA\_n79A-n258H | CA\_n79A-n258A  CA\_n79A-n258G  CA\_n79A-n258H | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258H |  |
| CA\_n79A-n258I | CA\_n79A-n258A  CA\_n79A-n258G  CA\_n79A-n258H  CA\_n79A-n258I | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258I |  |
| CA\_n79A-n258J | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258J |  |
| CA\_n79A-n258K | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258K |  |
| CA\_n79A-n258L | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258L |  |
| CA\_n79A-n258M | CA\_n79A-n258A | n79 | 40, 50, 60, 80, 100 | 0 |
|  |  | n258 | CA\_n258M |  |
| CA\_n79C-n258A | CA\_n79A-n258A | n79 | CA\_n79C | 0 |
| n258 | 50, 100, 200, 400 |

The following notes are applied to the above tables:

NOTE 1: This UE channel bandwidth is optional in this release of the specification. (From Table 5.3.5-1 of 38.101-1)

NOTE 2: The CA configurations are given in Table 5.5A.1-1 of either TS 38.101-1 or TS 38.101-2 where unless otherwise stated BCS0 is referred to.

NOTE 3: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively.

NOTE 4: This UE channel bandwidth is optional in this release of the specification.

NOTE 5: For this bandwidth, the minimum requirements are restricted to operation when carrier is configured as a SCell part of DC or CA configuration (In Table 5.3.5-1 in 38.101-1).

Table 5.5A.1-2: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (three bands)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NR CA configuration | Uplink configuration | NR Band | Channel bandwidth (MHz) (NOTE 1) | Bandwidth combination set |
| CA\_n1A-n3A-n257A | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n3A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n257G | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n3A-n257A  CA\_n3A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n257H | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n257I | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n3A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n3A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n3A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n8A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n8A-n257D | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n1A-n8A-n257E | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n1A-n8A-n257F | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n1A-n8A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n8A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n8A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n8A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n8A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n8A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n8A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n28A-n257A | CA\_n1A-n28A  CA\_n1A-n257A  CA\_n28A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n28A-n257G | CA\_n257G  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n28A-n257A  CA\_n28A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n28A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n28A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n40A-n258A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n1A-n40A-n258D | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n1A-n40A-n258E | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50,60 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n1A-n40A-n258F | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n1A-n40A-n258G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n1A-n40A-n258H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n1A-n40A-n258I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n1A-n40A-n258J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n1A-n40A-n258K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n1A-n40A-n258L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n1A-n40A-n258M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n1A-n41A-n257A | CA\_n1A-n41A  CA\_n1A-n257A  CA\_n41A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n41A-n257G | CA\_n257G  CA\_n1A-n41A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n41A-n257A  CA\_n41A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n41A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n41A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n41A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n41A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n77A-n257A | CA\_n1A-n77A  CA\_n1A-n257A  CA\_n77A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n77A-n257G | CA\_n257G  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n77A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n77A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n77A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n77A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n77A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n77A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n77(2A)-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n77(2A)-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n77(2A)-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n77(2A)-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n77(2A)-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n77(2A)-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n77(2A)-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n77(2A)-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n78A-n257A | CA\_n1A-n78A  CA\_n1A-n257A  CA\_n78A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n78A-n257D | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257D |
| CA\_n1A-n78A-n257E | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257E |
| CA\_n1A-n78A-n257F | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257F |
| CA\_n1A-n78A-n257G | CA\_n257G  CA\_n1A-n78A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n78A-n257A  CA\_n78A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n78A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n78A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n78A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n78A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n78A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257J |
| CA\_n1A-n78A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257K |
| CA\_n1A-n78A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257L |
| CA\_n1A-n78A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257M |
| CA\_n1A-n78A-n258A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n1A-n78A-n258D | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n1A-n78A-n258E | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n1A-n78A-n258F | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n1A-n78A-n258G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n1A-n78A-n258H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n1A-n78A-n258I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n1A-n78A-n258J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n1A-n78A-n258K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n1A-n78A-n258L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n1A-n78A-n258M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n1A-n79A-n257A | CA\_n1A-n79A  CA\_n1A-n257A  CA\_n79A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n79A-n257G | CA\_n257G  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n2A-n5A-n260A | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n5A-n260G | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n5A-n260H | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n5A-n260I | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n5A-n260J | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I  CA\_n2A-n260J  CA\_n5A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n5A-n260K | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I  CA\_n2A-n260J  CA\_n5A-n260J  CA\_n2A-n260K  CA\_n5A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n5A-n260L | CA\_n2A-5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I  CA\_n2A-n260J  CA\_n5A-n260J  CA\_n2A-n260K  CA\_n5A-n260K  CA\_n2A-n260L  CA\_n5A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n5A-n260M | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A  CA\_n2A-n260G  CA\_n5A-n260G  CA\_n2A-n260H  CA\_n5A-n260H  CA\_n2A-n260I  CA\_n5A-n260I  CA\_n2A-n260J  CA\_n5A-n260J  CA\_n2A-n260K  CA\_n5A-n260K  CA\_n2A-n260L  CA\_n5A-n260L  CA\_n2A-n260M  CA\_n5A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n5A-n261A | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n5A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n2A-n5A-n261G | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n5A-n261A  CA\_n5A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n2A-n5A-n261H | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n2A-n5A-n261I | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n2A-n5A-n261J | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n2A-n5A-n261K | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n2A-n5A-n261L | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n2A-n5A-n261M | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n2A-n5A-n261(2G) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n5A-n261A  CA\_n5A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n2A-n5A-n261(G-H) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n2A-n5A-n261(A-G-H) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n2A-n5A-n261(G-I) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n2A-n5A-n261(2H) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n2A-n5A-n261(A-G-I) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n2A-n5A-n261(H-I) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n2A-n5A-n261(2A-G) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n5A-n261A  CA\_n5A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n2A-n5A-n261(2A-H) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n2A-n5A-n261(2A-I) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n2A-n5A-n261(2A) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n5A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n2A-n5A-n261(3A) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n5A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n2A-n5A-n261(A-G) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n5A-n261A  CA\_n5A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n2A-n5A-n261(A-H) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n2A-n5A-n261(A-I) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n5 | 5, 10, 15, 20 |  |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n2A-n12A-n260A | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n12 | 5, 10, 15 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n12A-n260G | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A  CA\_n2A-n260G  CA\_n12A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n12 | 5, 10, 15 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n12A-n260H | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A  CA\_n2A-n260G  CA\_n12A-n260G  CA\_n2A-n260H  CA\_n12A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n12 | 5, 10, 15 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n12A-n260I | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A  CA\_n2A-n260G  CA\_n12A-n260G  CA\_n2A-n260H  CA\_n12A-n260H  CA\_n2A-n260I  CA\_n12A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n12 | 5, 10, 15 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n12A-n260J | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A  CA\_n2A-n260G  CA\_n12A-n260G  CA\_n2A-n260H  CA\_n12A-n260H  CA\_n2A-n260I  CA\_n12A-n260I  CA\_n2A-n260J  CA\_n12A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n12 | 5, 10, 15 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n12A-n260K | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A  CA\_n2A-n260G  CA\_n12A-n260G  CA\_n2A-n260H  CA\_n12A-n260H  CA\_n2A-n260I  CA\_n12A-n260I  CA\_n2A-n260J  CA\_n12A-n260J  CA\_n2A-n260K  CA\_n12A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n12 | 5, 10, 15 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n12A-n260L | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A  CA\_n2A-n260G  CA\_n12A-n260G  CA\_n2A-n260H  CA\_n12A-n260H  CA\_n2A-n260I  CA\_n12A-n260I  CA\_n2A-n260J  CA\_n12A-n260J  CA\_n2A-n260K  CA\_n12A-n260K  CA\_n2A-n260L  CA\_n12A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n12 | 5, 10, 15 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n12A-n260M | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A  CA\_n2A-n260G  CA\_n12A-n260G  CA\_n2A-n260H  CA\_n12A-n260H  CA\_n2A-n260I  CA\_n12A-n260I  CA\_n2A-n260J  CA\_n12A-n260J  CA\_n2A-n260K  CA\_n12A-n260K  CA\_n2A-n260L  CA\_n12A-n260L  CA\_n2A-n260M  CA\_n12A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n12 | 5, 10, 15 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n14A-n260A | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n14 | 5, 10 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n14A-n260G | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A  CA\_n2A-n260G  CA\_n14A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n14 | 5, 10 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n14A-n260H | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A  CA\_n2A-n260G  CA\_n14A-n260G  CA\_n2A-n260H  CA\_n14A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n14 | 5, 10 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n14A-n260I | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A  CA\_n2A-n260G  CA\_n14A-n260G  CA\_n2A-n260H  CA\_n14A-n260H  CA\_n2A-n260I  CA\_n14A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n14 | 5, 10 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n14A-n260J | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A  CA\_n2A-n260G  CA\_n14A-n260G  CA\_n2A-n260H  CA\_n14A-n260H  CA\_n2A-n260I  CA\_n14A-n260I  CA\_n2A-n260J  CA\_n14A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n14 | 5, 10 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n14A-n260K | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A  CA\_n2A-n260G  CA\_n14A-n260G  CA\_n2A-n260H  CA\_n14A-n260H  CA\_n2A-n260I  CA\_n14A-n260I  CA\_n2A-n260J  CA\_n14A-n260J  CA\_n2A-n260K  CA\_n14A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n14 | 5, 10 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n14A-n260L | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A  CA\_n2A-n260G  CA\_n14A-n260G  CA\_n2A-n260H  CA\_n14A-n260H  CA\_n2A-n260I  CA\_n14A-n260I  CA\_n2A-n260J  CA\_n14A-n260J  CA\_n2A-n260K  CA\_n14A-n260K  CA\_n2A-n260L  CA\_n14A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n14 | 5, 10 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n14A-n260M | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A  CA\_n2A-n260G  CA\_n14A-n260G  CA\_n2A-n260H  CA\_n14A-n260H  CA\_n2A-n260I  CA\_n14A-n260I  CA\_n2A-n260J  CA\_n14A-n260J  CA\_n2A-n260K  CA\_n14A-n260K  CA\_n2A-n260L  CA\_n14A-n260L  CA\_n2A-n260M  CA\_n14A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n14 | 5, 10 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n30A-n260A | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n30A-n260G | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260G  CA\_n2A-n260A  CA\_n30A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n30A-n260H | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260G  CA\_n2A-n260A  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n30A-n260I | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n30A-n260J | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I  CA\_n2A-n260J  CA\_n30A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n30A-n260K | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I  CA\_n2A-n260J  CA\_n30A-n260J  CA\_n2A-n260K  CA\_n30A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n30A-n260L | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I  CA\_n2A-n260J  CA\_n30A-n260J  CA\_n2A-n260K  CA\_n30A-n260K  CA\_n2A-n260L  CA\_n30A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n30A-n260M | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A  CA\_n2A-n260G  CA\_n30A-n260G  CA\_n2A-n260H  CA\_n30A-n260H  CA\_n2A-n260I  CA\_n30A-n260I  CA\_n2A-n260J  CA\_n30A-n260J  CA\_n2A-n260K  CA\_n30A-n260K  CA\_n2A-n260L  CA\_n30A-n260L  CA\_n2A-n260M  CA\_n30A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n66A-n260A | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n66A-n260G | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n66A-n260H | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n66A-n260I | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n66A-n260J | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I  CA\_n2A-n260J  CA\_n66A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n66A-n260K | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I  CA\_n2A-n260J  CA\_n66A-n260J  CA\_n2A-n260K  CA\_n66A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n66A-n260L | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I  CA\_n2A-n260J  CA\_n66A-n260J  CA\_n2A-n260K  CA\_n66A-n260K  CA\_n2A-n260L  CA\_n66A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n66A-n260M | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A  CA\_n2A-n260G  CA\_n66A-n260G  CA\_n2A-n260H  CA\_n66A-n260H  CA\_n2A-n260I  CA\_n66A-n260I  CA\_n2A-n260J  CA\_n66A-n260J  CA\_n2A-n260K  CA\_n66A-n260K  CA\_n2A-n260L  CA\_n66A-n260L  CA\_n2A-n260M  CA\_n66A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n66A-n261A | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n66A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n2A-n66A-n261G | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n2A-n66A-n261H | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n2A-n66A-n261I | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n2A-n66A-n261J | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n2A-n66A-n261K | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n2A-n66A-n261L | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n2A-n66A-n261M | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n2A-n66A-n261(2G) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n2A-n66A-n261(G-H) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n2A-n66A-n261(A-G-H) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n2A-n66A-n261(G-I) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n2A-n66A-n261(2H) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n2A-n66A-n261(A-G-I) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n2A-n66A-n261(H-I) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n2A-n66A-n261(2A-G) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n2A-n66A-n261(2A-H) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n2A-n66A-n261(2A-I) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n2A-n66A-n261(2A) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n66A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n2A-n66A-n261(3A) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n66A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n2A-n66A-n261(A-2G) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-2G) |  |
| CA\_n2A-n66A-n261(A-G) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n2A-n66A-n261(A-H) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n2A-n66A-n261(A-I) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n2A-n77A-n260A | CA\_n2A-n77A  CA\_n77A-n260A  CA\_n2A-n260A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n2A-n77A-n260G | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n77A-n260A  CA\_n77A-n260G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n2A-n77A-n260H | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n2A-n77A-n260I | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n2A-n77A-n260J | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n2A-n77A-n260K | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n2A-n77A-n260L | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K.  CA\_n77A-n260L | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n2A-n77A-n260M | CA\_n2A-n77A  CA\_n2A-n260A  CA\_n2A-n260G  CA\_n2A-n260H  CA\_n2A-n260I  CA\_n2A-n260J  CA\_n2A-n260K  CA\_n2A-n260L  CA\_n2A-n260M  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L  CA\_n77A-n260M | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n2A-n77A-n261A | CA\_n77A-n261A  CA\_n2A-n261A | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n2A-n77A-n261G | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n77A-n261A  CA\_n77A-n261G | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n2A-n77A-n261H | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n2A-n77A-n261I | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n2A-n77A-n261J | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n2A-n77A-n261K | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n2A-n77A-n261L | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n2A-n77A-n261M | CA\_n2A-n261A  CA\_n2A-n261G  CA\_n2A-n261H  CA\_n2A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n2 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n3A-n7A-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3A-n7A-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n3A-n7A-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n3A-n7A-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n3A-n7A-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n3A-n7A-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n3A-n7A-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n3A-n7A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n3A-n7A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n3A-n7A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n3A-n7A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n3A-n7A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n3A-n7A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n3A-n7B-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3A-n7B-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n3A-n7B-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n3A-n7B-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n3A-n7B-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n3A-n7B-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n3A-n7B-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n3A-n7B-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n3A-n7B-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n3A-n7B-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n3A-n7B-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n3A-n7B-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n3A-n7B-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n3A-n7A  CA\_n7B | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n7 | CA\_n7B |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n3A-n8A-n257A | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n8A-n257G | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n8A-n257H | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n8A-n257I | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n8A-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n3A-n8A-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n3A-n8A-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n3A-n8A-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n3A-n28A-n257A | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n28A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n257D | CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n28A-n257A  CA\_n28A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n28A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n257A  CA\_n28A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n257I | CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n41A-n257A | CA\_n3A-n41A  CA\_n3A-n257A  CA\_n41A-n257A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n41A-n257G | CA\_n3A-n41A  CA\_n3A-n257G  CA\_n41A-n257G | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n41A-n257H | CA\_n3A-n41A  CA\_n3A-n257HCA\_n41A-n257H | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n41A-n257I | CA\_n3A-n41ACA\_n3A-n257ICA\_n41A-n257I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n77A-n257A | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n77A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n77A-n257D | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n77A-n257G | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n77A-n257H | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n77A-n257I | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n77A-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n3A-n77A-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n3A-n77A-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n3A-n77A-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n3A-n77(2A)-n257A | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n77A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n77(2A)-n257D | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n77(2A)-n257G | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n3A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n77(2A)-n257H | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n77(2A)-n257I | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n77(2A)-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n3A-n77(2A)-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n3A-n77(2A)-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n3A-n77(2A)-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n3A-n77(3A)-n257A | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n77A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n77(3A)-n257D | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n77(3A)-n257G | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n3A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n77(3A)-n257H | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n77(3A)-n257I | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n78A-n257A | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n78A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n78A-n257D | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n3A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n78A-n257G | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n78A-n257A  CA\_n78A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n78A-n257H | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n78A-n257I | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n78A-n258A | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n3A-n78A-n258B | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n3A-n78A-n258C | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n3A-n78A-n258D | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n3A-n78A-n258E | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n3A-n78A-n258F | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n3A-n78A-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n3A-n78A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n3A-n78A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n3A-n78A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n3A-n78A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n3A-n78A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n3A-n78A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n3A-n79A-n257A | CA\_n3A-n79A  CA\_n3A-n257A  CA\_n79A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n79A-n257G | CA\_n257G  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n5A-n30A-n260A | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n5A-n30A-n260G | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n5A-n30A-n260H | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n5A-n30A-n260I | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n5A-n30A-n260J | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I  CA\_n5A-n260J  CA\_n30A-n260J | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n5A-n30A-n260K | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I  CA\_n5A-n260J  CA\_n30An260J  CA\_n5A-n260K  CA\_n30A-n260K | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n5A-n30A-n260L | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I  CA\_n5A-n260J  CA\_n30A-n260J  CA\_n5A-n260K  CA\_n30A-n260K  CA\_n5A-n260L  CA\_n30A-n260L | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n5A-n30A-n260M | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A  CA\_n5A-n260G  CA\_n30A-n260G  CA\_n5A-n260H  CA\_n30A-n260H  CA\_n5A-n260I  CA\_n30A-n260I  CA\_n5A-n260J  CA\_n30A-n260J  CA\_n5A-n260K  CA\_n30A-n260K  CA\_n5A-n260L  CA\_n30A-n260L  CA\_n5A-n260M  CA\_n30A-n260M | n5 | 5, 10, 15, 20 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n5A-n66A-n260A | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n5A-n66A-n260G | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n5A-n66A-n260H | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n5A-n66A-n260I | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n5A-n66A-n260J | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I  CA\_n5A-n260J  CA\_n66A-n260J | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n5A-n66A-n260K | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I  CA\_n5A-n260J  CA\_n66A-n260J  CA\_n5A-n260K  CA\_n66A-n260K | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n5A-n66A-n260L | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I  CA\_n5A-n260J  CA\_n66A-n260J  CA\_n5A-n260K  CA\_n66A-n260K  CA\_n5A-n260L  CA\_n66A-n260L | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n5A-n66A-n260M | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A  CA\_n5A-n260G  CA\_n66A-n260G  CA\_n5A-n260H  CA\_n66A-n260H  CA\_n5A-n260I  CA\_n66A-n260I  CA\_n5A-n260J  CA\_n66A-n260J  CA\_n5A-n260K  CA\_n66A-n260K  CA\_n5A-n260L  CA\_n66A-n260L  CA\_n5A-n260M  CA\_n66A-n260M | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n5A-n66A-n261A | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n66A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n5A-n66A-n261G | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n5A-n66A-n261H | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n5A-n66A-n261I | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n5A-n66A-n261J | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n5A-n66A-n261K | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n5A-n66A-n261L | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n5A-n66A-n261M | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n5A-n66A-n261(2G) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2G) |  |
| CA\_n5A-n66A-n261(G-H) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(G-H) |  |
| CA\_n5A-n66A-n261(A-G-H) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-G-H) |  |
| CA\_n5A-n66A-n261(G-I) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(G-I) |  |
| CA\_n5A-n66A-n261(2H) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2H) |  |
| CA\_n5A-n66A-n261(A-G-I) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-G-I) |  |
| CA\_n5A-n66A-n261(H-I) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(H-I) |  |
| CA\_n5A-n66A-n261(2A-G) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n5A-n66A-n261(2A-H) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A-H) |  |
| CA\_n5A-n66A-n261(2A-I) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A-I) |  |
| CA\_n5A-n66A-n261(2A) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n66A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A) |  |
| CA\_n5A-n66A-n261(3A) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n66A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(3A) |  |
| CA\_n5A-n66A-n261(2A-G) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(2A-G) |  |
| CA\_n5A-n66A-n261(A-G) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n66A-n261A  CA\_n66A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-G) |  |
| CA\_n5A-n66A-n261(A-H) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-H) |  |
| CA\_n5A-n66A-n261(A-I) | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n261 | CA\_n261(A-I) |  |
| CA\_n5A-n77A-n260A | CA\_n5A-n77A  CA\_n77A-n260A  CA\_n5A-n260A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n5A-n77A-n260G | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n77A-n260A  CA\_n77A-n260G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n5A-n77A-n260H | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n5A-n77A-n260I | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n5A-n77A-n260J | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n5A-n77A-n260K | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n5A-n77A-n260L | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K  CA\_n5A-n260L  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n5A-n77A-n260M | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n5A-n260G  CA\_n5A-n260H  CA\_n5A-n260I  CA\_n5A-n260J  CA\_n5A-n260K  CA\_n5A-n260L  CA\_n5A-n260M  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L  CA\_n77A-n260M | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n5A-n77A-n261A | CA\_n77A-n261A  CA\_n5A-n261A | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n5A-n77A-n261G | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n77A-n261A  CA\_n77A-n261G | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n5A-n77A-n261H | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n5A-n77A-n261I | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n5A-n77A-n261J | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n5A-n77A-n261K | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n5A-n77A-n261L | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n5A-n77A-n261M | CA\_n5A-n261A  CA\_n5A-n261G  CA\_n5A-n261H  CA\_n5A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n5 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n7A-n78A-n258A | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n78A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | 50, 100, 200, 400 |
| CA\_n7A-n78A-n258B | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258B  CA\_n78A-n258A  CA\_n78A-n258B | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n7A-n78A-n258C | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258B  CA\_n7A-n258C  CA\_n78A-n258A  CA\_n78A-n258B  CA\_n78A-n258C | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n7A-n78A-n258D | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258D  CA\_n78A-n258A  CA\_n78A-n258D | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | CA\_n258D |
| CA\_n7A-n78A-n258E | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E  CA\_n78A-n258A  CA\_n78A-n258D  CA\_n78A-n258E | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n7A-n78A-n258F | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258D  CA\_n7A-n258E  CA\_n7A-n258F  CA\_n78A-n258A  CA\_n78A-n258D  CA\_n78A-n258E  CA\_n78A-n258F | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | CA\_n258F |
| CA\_n7A-n78A-n258G | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n78A-n258A  CA\_n78A-n258G | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n7A-n78A-n258H | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n78A-n258G  CA\_n78A-n258H | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | CA\_n258H |
| CA\_n7A-n78A-n258I | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n7A-n78A-n258J | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n7A-n258J  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n7A-n78A-n258K | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n7A-n258J  CA\_n7A-n258K  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
|  |  | n258 | CA\_n258K |
| CA\_n7A-n78A-n258L | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n7A-n258J  CA\_n7A-n258K  CA\_n7A-n258L  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n7A-n78A-n258M | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n7A-n258J  CA\_n7A-n258K  CA\_n7A-n258L  CA\_n7A-n258M  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L  CA\_n78A-n258M | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n7B-n78A-n258A | CA\_n7B-n78A  CA\_n7B-n258A  CA\_n78A-n258A | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n7B-n78A-n258B | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258B  CA\_n78A-n258A  CA\_n78A-n258B | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258B |  |
| CA\_n7B-n78A-n258C | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258B  CA\_n7B-n258C  CA\_n78A-n258A  CA\_n78A-n258B  CA\_n78A-n258C | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258C |  |
| CA\_n7B-n78A-n258D | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258D  CA\_n78A-n258A  CA\_n78A-n258D | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n7B-n78A-n258E | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258D  CA\_n7B-n258E  CA\_n78A-n258A  CA\_n78A-n258D  CA\_n78A-n258E | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n7B-n78A-n258F | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258D  CA\_n7B-n258E  CA\_n7B-n258F  CA\_n78A-n258A  CA\_n78A-n258D  CA\_n78A-n258E  CA\_n78A-n258F | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n7B-n78A-n258G | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n78A-n258A  CA\_n78A-n258G | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n7B-n78A-n258H | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n78A-n258G  CA\_n78A-n258H | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n7B-n78A-n258I | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n7B-n78A-n258J | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n7B-n258J  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n7B-n78A-n258K | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n7B-n258J  CA\_n7B-n258K  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n7B-n78A-n258L | CA\_n7B  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n7B-n258J  CA\_n7B-n258K  CA\_n7B-n258L  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n7B-n78A-n258M | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A  CA\_n7B-n258G  CA\_n7B-n258H  CA\_n7B-n258I  CA\_n7B-n258J  CA\_n7B-n258K  CA\_n7B-n258L  CA\_n7B-n258M  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n78A-n258J  CA\_n78A-n258K  CA\_n78A-n258L  CA\_n78A-n258M | n7 | CA\_n7B | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n8A-n77A-n257A | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n8A-n77A-n257G | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n8A-n77A-n257H | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n8A-n77A-n257I | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n8A-n77A-n257J | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n8A-n77A-n257K | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n8A-n77A-n257L | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n8A-n77A-n257M | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n8A-n77(2A)-n257A | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n8A-n77(2A)-n257G | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n8A-n77(2A)-n257H | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n8A-n77(2A)-n257I | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n8A-n77(2A)-n257J | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n8A-n77(2A)-n257K | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n8A-n77(2A)-n257L | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n8A-n77(2A)-n257M | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n8A-n78A-n257A | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n8A-n78A-n257D | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n8A-n78A-n257E | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n8A-n78A-n257F | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n8A-n78A-n257G | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n8A-n78A-n257H | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n8A-n78A-n257I | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n8A-n78A-n257J | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n8A-n78A-n257K | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n8A-n78A-n257L | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n8A-n78A-n257M | - | n8 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n12A-n30A-n260A | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n12A-n30A-n260G | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A  CA\_n12A-n260G  CA\_n30A-n260G | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n12A-n30A-n260H | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A  CA\_n12A-n260G  CA\_n30A-n260G  CA\_n12A-n260H  CA\_n30A-n260H | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n12A-n30A-n260I | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A  CA\_n12A-n260G  CA\_n30A-n260G  CA\_n12A-n260H  CA\_n30A-n260H  CA\_n12A-n260I  CA\_n30A-n260I | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n12A-n30A-n260J | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A  CA\_n12A-n260G  CA\_n30A-n260G  CA\_n12A-n260H  CA\_n30A-n260H  CA\_n12A-n260I  CA\_n30A-n260I  CA\_n12A-n260J  CA\_n30A-n260J | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n12A-n30A-n260K | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A  CA\_n12A-n260G  CA\_n30A-n260G  CA\_n12A-n260H  CA\_n30A-n260H  CA\_n12A-n260I  CA\_n30A-n260I  CA\_n12A-n260J  CA\_n30A-n260J  CA\_n12A-n260K  CA\_n30A-n260K | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n12A-n30A-n260L | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A  CA\_n12A-n260G  CA\_n30A-n260G  CA\_n12A-n260H  CA\_n30A-n260H  CA\_n12A-n260I  CA\_n30A-n260I  CA\_n12A-n260J  CA\_n30A-n260J  CA\_n12A-n260K  CA\_n30A-n260K  CA\_n12A-n260L  CA\_n30A-n260L | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n12A-n30A-n260M | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A  CA\_n12A-n260G  CA\_n30A-n260G  CA\_n12A-n260H  CA\_n30A-n260H  CA\_n12A-n260I  CA\_n30A-n260I  CA\_n12A-n260J  CA\_n30A-n260J  CA\_n12A-n260K  CA\_n30A-n260K  CA\_n12A-n260L  CA\_n30A-n260L  CA\_n12A-n260M  CA\_n30A-n260M | n12 | 5, 10, 15 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n12A-n66A-n260A | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n12A-n66A-n260G | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A  CA\_n12A-n260G  CA\_n66A-n260G | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n12A-n66A-n260H | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A  CA\_n12A-n260G  CA\_n66A-n260G  CA\_n12A-n260H  CA\_n66A-n260H | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n12A-n66A-n260I | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A  CA\_n12A-n260G  CA\_n66A-n260G  CA\_n12A-n260H  CA\_n66A-n260H  CA\_n12A-n260I  CA\_n66A-n260I | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n12A-n66A-n260J | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A  CA\_n12A-n260G  CA\_n66A-n260G  CA\_n12A-n260H  CA\_n66A-n260H  CA\_n12A-n260I  CA\_n66A-n260I  CA\_n12A-n260J  CA\_n66A-n260J | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n12A-n66A-n260K | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A  CA\_n12A-n260G  CA\_n66A-n260G  CA\_n12A-n260H  CA\_n66A-n260H  CA\_n12A-n260I  CA\_n66A-n260I  CA\_n12A-n260J  CA\_n66A-n260J  CA\_n12A-n260K  CA\_n66A-n260K | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n12A-n66A-n260L | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A  CA\_n12A-n260G  CA\_n66A-n260G  CA\_n12A-n260H  CA\_n66A-n260H  CA\_n12A-n260I  CA\_n66A-n260I  CA\_n12A-n260J  CA\_n66A-n260J  CA\_n12A-n260K  CA\_n66A-n260K  CA\_n12A-n260L  CA\_n66A-n260L | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n12A-n66A-n260M | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A  CA\_n12A-n260G  CA\_n66A-n260G  CA\_n12A-n260H  CA\_n66A-n260H  CA\_n12A-n260I  CA\_n66A-n260I  CA\_n12A-n260J  CA\_n66A-n260J  CA\_n12A-n260K  CA\_n66A-n260K  CA\_n12A-n260L  CA\_n66A-n260L  CA\_n12A-n260M  CA\_n66A-n260M | n12 | 5, 10, 15 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n12A-n77A-n260A | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n12A-n77A-n260G | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A  CA\_n12A-n260G  CA\_n77A-n260G | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n12A-n77A-n260H | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A  CA\_n12A-n260G  CA\_n77A-n260G  CA\_n12A-n260H  CA\_n77A-n260H | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n12A-n77A-n260I | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A  CA\_n12A-n260G  CA\_n77A-n260G  CA\_n12A-n260H  CA\_n77A-n260H  CA\_n12A-n260I  CA\_n77A-n260I | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n12A-n77A-n260J | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A  CA\_n12A-n260G  CA\_n77A-n260G  CA\_n12A-n260H  CA\_n77A-n260H  CA\_n12A-n260I  CA\_n77A-n260I  CA\_n12A-n260J  CA\_n77A-n260J | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n12A-n77A-n260K | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A  CA\_n12A-n260G  CA\_n77A-n260G  CA\_n12A-n260H  CA\_n77A-n260H  CA\_n12A-n260I  CA\_n77A-n260I  CA\_n12A-n260J  CA\_n77A-n260J  CA\_n12A-n260K  CA\_n77A-n260K | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n12A-n77A-n260L | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A  CA\_n12A-n260G  CA\_n77A-n260G  CA\_n12A-n260H  CA\_n77A-n260H  CA\_n12A-n260I  CA\_n77A-n260I  CA\_n12A-n260J  CA\_n77A-n260J  CA\_n12A-n260K  CA\_n77A-n260K  CA\_n12A-n260L  CA\_n77A-n260L | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n12A-n77A-n260M | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A  CA\_n12A-n260G  CA\_n77A-n260G  CA\_n12A-n260H  CA\_n77A-n260H  CA\_n12A-n260I  CA\_n77A-n260I  CA\_n12A-n260J  CA\_n77A-n260J  CA\_n12A-n260K  CA\_n77A-n260K  CA\_n12A-n260L  CA\_n77A-n260L  CA\_n12A-n260M  CA\_n77A-n260M | n12 | 5, 10, 15 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n14A-n30A-n260A | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n14A-n30A-n260G | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A  CA\_n14A-n260G  CA\_n30A-n260G | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n14A-n30A-n260H | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A  CA\_n14A-n260G  CA\_n30A-n260G  CA\_n14A-n260H  CA\_n30A-n260H | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n14A-n30A-n260I | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A  CA\_n14A-n260G  CA\_n30A-n260G  CA\_n14A-n260H  CA\_n30A-n260H  CA\_n14A-n260I  CA\_n30A-n260I | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n14A-n30A-n260J | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A  CA\_n14A-n260G  CA\_n30A-n260G  CA\_n14A-n260H  CA\_n30A-n260H  CA\_n14A-n260I  CA\_n30A-n260I  CA\_n14A-n260J  CA\_n30A-n260J | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n14A-n30A-n260K | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A  CA\_n14A-n260G  CA\_n30A-n260G  CA\_n14A-n260H  CA\_n30A-n260H  CA\_n14A-n260I  CA\_n30A-n260I  CA\_n14A-n260J  CA\_n30A-n260J  CA\_n14A-n260K  CA\_n30A-n260K | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n14A-n30A-n260L | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A  CA\_n14A-n260G  CA\_n30A-n260G  CA\_n14A-n260H  CA\_n30A-n260H  CA\_n14A-n260I  CA\_n30A-n260I  CA\_n14A-n260J  CA\_n30A-n260J  CA\_n14A-n260K  CA\_n30A-n260K  CA\_n14A-n260L  CA\_n30A-n260L | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n14A-n30A-n260M | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A  CA\_n14A-n260G  CA\_n30A-n260G  CA\_n14A-n260H  CA\_n30A-n260H  CA\_n14A-n260I  CA\_n30A-n260I  CA\_n14A-n260J  CA\_n30A-n260J  CA\_n14A-n260K  CA\_n30A-n260K  CA\_n14A-n260L  CA\_n30A-n260L  CA\_n14A-n260M  CA\_n30A-n260M | n14 | 5, 10 | 0 |
|  |  | n30 | 5, 10 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n14A-n66A-n260A | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n14A-n66A-n260G | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A  CA\_n14A-n260G  CA\_n66A-n260G | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n14A-n66A-n260H | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A  CA\_n14A-n260G  CA\_n66A-n260G  CA\_n14A-n260H  CA\_n66A-n260H | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n14A-n66A-n260I | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A  CA\_n14A-n260G  CA\_n66A-n260G  CA\_n14A-n260H  CA\_n66A-n260H  CA\_n14A-n260I  CA\_n66A-n260I | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n14A-n66A-n260J | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A  CA\_n14A-n260G  CA\_n66A-n260G  CA\_n14A-n260H  CA\_n66A-n260H  CA\_n14A-n260I  CA\_n66A-n260I  CA\_n14A-n260J  CA\_n66A-n260J | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n14A-n66A-n260K | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A  CA\_n14A-n260G  CA\_n66A-n260G  CA\_n14A-n260H  CA\_n66A-n260H  CA\_n14A-n260I  CA\_n66A-n260I  CA\_n14A-n260J  CA\_n66A-n260J  CA\_n14A-n260K  CA\_n66A-n260K | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n14A-n66A-n260L | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A  CA\_n14A-n260G  CA\_n66A-n260G  CA\_n14A-n260H  CA\_n66A-n260H  CA\_n14A-n260I  CA\_n66A-n260I  CA\_n14A-n260J  CA\_n66A-n260J  CA\_n14A-n260K  CA\_n66A-n260K  CA\_n14A-n260L  CA\_n66A-n260L | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n14A-n66A-n260M | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A  CA\_n14A-n260G  CA\_n66A-n260G  CA\_n14A-n260H  CA\_n66A-n260H  CA\_n14A-n260I  CA\_n66A-n260I  CA\_n14A-n260J  CA\_n66A-n260J  CA\_n14A-n260K  CA\_n66A-n260K  CA\_n14A-n260L  CA\_n66A-n260L  CA\_n14A-n260M  CA\_n66A-n260M | n14 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n14A-n77A-n260A | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n14A-n77A-n260G | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A  CA\_n14A-n260G  CA\_n77A-n260G | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n14A-n77A-n260H | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A  CA\_n14A-n260G  CA\_n77A-n260G  CA\_n14A-n260H  CA\_n77A-n260H | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n14A-n77A-n260I | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A  CA\_n14A-n260G  CA\_n77A-n260G  CA\_n14A-n260H  CA\_n77A-n260H  CA\_n14A-n260I  CA\_n77A-n260I | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n14A-n77A-n260J | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A  CA\_n14A-n260G  CA\_n77A-n260G  CA\_n14A-n260H  CA\_n77A-n260H  CA\_n14A-n260I  CA\_n77A-n260I  CA\_n14A-n260J  CA\_n77A-n260J | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n14A-n77A-n260K | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A  CA\_n14A-n260G  CA\_n77A-n260G  CA\_n14A-n260H  CA\_n77A-n260H  CA\_n14A-n260I  CA\_n77A-n260I  CA\_n14A-n260J  CA\_n77A-n260J  CA\_n14A-n260K  CA\_n77A-n260K | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n14A-n77A-n260L | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A  CA\_n14A-n260G  CA\_n77A-n260G  CA\_n14A-n260H  CA\_n77A-n260H  CA\_n14A-n260I  CA\_n77A-n260I  CA\_n14A-n260J  CA\_n77A-n260J  CA\_n14A-n260K  CA\_n77A-n260K  CA\_n14A-n260L  CA\_n77A-n260L | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n14A-n77A-n260M | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A  CA\_n14A-n260G  CA\_n77A-n260G  CA\_n14A-n260H  CA\_n77A-n260H  CA\_n14A-n260I  CA\_n77A-n260I  CA\_n14A-n260J  CA\_n77A-n260J  CA\_n14A-n260K  CA\_n77A-n260K  CA\_n14A-n260L  CA\_n77A-n260L  CA\_n14A-n260M  CA\_n77A-n260M | n14 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n25A-n41A-n260A | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n25A-n41A-n260G | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n25A-n41A-n260H | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n25A-n41A-n260I | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n25A-n41A-n260(2A) | CA\_n25A-n260A CA\_n41A-n260A | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n28A-n41A-n257A | CA\_n28A-n41A  CA\_n28A-n257A  CA\_n41A-n257A | n28 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n41A-n257G | CA\_n28A-n41ACA\_n28A-n257GCA\_n41A-n257G | n28 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n41A-n257H | CA\_n28A-n41ACA\_n28A-n257H  CA\_n41A-n257H | n28 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n41A-n257I | CA\_n28A-n41ACA\_n28A-n257ICA\_n41A-n257I | n28 | 5, 10 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n77A-n257A | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n77A-n257D | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n77A-n257G | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n77A-n257H | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n77A-n257I | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n77(2A)-n257A | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n77(2A)-n257D | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257D  CA\_n77A-n257A  CA\_n77A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n77(2A)-n257G | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n77(2A)-n257H | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n77(2A)-n257I | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n77(3A)-n257A | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n77(3A)-n257D | - | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n77(3A)-n257G | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n77(3A)-n257H | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n77(3A)-n257I | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n78A-n257A | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n78A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n78A-n257D | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n28A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n28A-n78A-n257G | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n78A-n257A  CA\_n78A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n78A-n257H | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n78A-n257I | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n79A-n257A | CA\_n28A-n79A  CA\_n28A-n257A  CA\_n79A-n257A | n28 | 5, 10, 15, 20, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n79A-n257G | CA\_n257G  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n28 | 5, 10, 15, 20, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n28 | 5, 10, 15, 20, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n28 | 5, 10, 15, 20, 30 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n30A-n66A-n260A | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n30A-n66A-n260G | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n30A-n66A-n260H | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n30A-n66A-n260I | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n30A-n66A-n260J | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I  CA\_n30A-n260J  CA\_n66A-n260J | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n30A-n66A-n260K | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I  CA\_n30A-n260J  CA\_n66A-n260J  CA\_n30A-n260K  CA\_n66A-n260K | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n30A-n66A-n260L | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I  CA\_n30A-n260J  CA\_n66A-n260J  CA\_n30A-n260K  CA\_n66A-n260K  CA\_n30A-n260L  CA\_n66A-n260L | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n30A-n66A-n260M | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A  CA\_n30A-n260G  CA\_n66A-n260G  CA\_n30A-n260H  CA\_n66A-n260H  CA\_n30A-n260I  CA\_n66A-n260I  CA\_n30A-n260J  CA\_n66A-n260J  CA\_n30A-n260K  CA\_n66A-n260K  CA\_n30A-n260L  CA\_n66A-n260L  CA\_n30A-n260M  CA\_n66A-n260M | n30 | 5, 10 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n30A-n77A-n260A | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A | n30 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n30A-n77A-n260G | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A  CA\_n30A-n260G  CA\_n77A-n260G | n30 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n30A-n77A-n260H | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A  CA\_n30A-n260G  CA\_n77A-n260G  CA\_n30A-n260H  CA\_n77A-n260H | n30 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n30A-n77A-n260I | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A  CA\_n30A-n260G  CA\_n77A-n260G  CA\_n30A-n260H  CA\_n77A-n260H  CA\_n30A-n260I  CA\_n77A-n260I | n30 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n30A-n77A-n260J | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A  CA\_n30A-n260G  CA\_n77A-n260G  CA\_n30A-n260H  CA\_n77A-n260H  CA\_n30A-n260I  CA\_n77A-n260I  CA\_n30A-n260J  CA\_n77A-n260J | n30 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n30A-n77A-n260K | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A  CA\_n30A-n260G  CA\_n77A-n260G  CA\_n30A-n260H  CA\_n77A-n260H  CA\_n30A-n260I  CA\_n77A-n260I  CA\_n30A-n260J  CA\_n77A-n260J  CA\_n30A-n260K  CA\_n77A-n260K | n30 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n30A-n77A-n260L | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A  CA\_n30A-n260G  CA\_n77A-n260G  CA\_n30A-n260H  CA\_n77A-n260H  CA\_n30A-n260I  CA\_n77A-n260I  CA\_n30A-n260J  CA\_n77A-n260J  CA\_n30A-n260K  CA\_n77A-n260K  CA\_n30A-n260L  CA\_n77A-n260L | n30 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n30A-n77A-n260M | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A  CA\_n30A-n260G  CA\_n77A-n260G  CA\_n30A-n260H  CA\_n77A-n260H  CA\_n30A-n260I  CA\_n77A-n260I  CA\_n30A-n260J  CA\_n77A-n260J  CA\_n30A-n260K  CA\_n77A-n260K  CA\_n30A-n260L  CA\_n77A-n260L  CA\_n30A-n260M  CA\_n77A-n260M | n30 | 5, 10 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n40A-n41A-n258A | CA\_n40A-n41A  CA\_n40A-n258A  CA\_n41A-n258A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n40A-n77A-n257A | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40A-n77A-n257D | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40A-n77A-n257E | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40A-n77A-n257F | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40A-n77A-n257G | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40A-n77A-n257H | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40A-n77A-n257I | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40A-n77A-n257J | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40A-n77A-n257K | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40A-n77A-n257L | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40A-n77A-n257M | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40A-n77C-n257A | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40A-n77C-n257D | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40A-n77C-n257E | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40A-n77C-n257F | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40A-n77C-n257G | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40A-n77C-n257H | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40A-n77C-n257I | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40A-n77C-n257J | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40A-n77C-n257K | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40A-n77C-n257L | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40A-n77C-n257M | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40B-n77A-n257A | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40B-n77A-n257D | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40B-n77A-n257E | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40B-n77A-n257F | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40B-n77A-n257G | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40B-n77A-n257H | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40B-n77A-n257I | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40B-n77A-n257J | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40B-n77A-n257K | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40B-n77A-n257L | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40B-n77A-n257M | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40B-n77C-n257A | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40B-n77C-n257D | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40B-n77C-n257E | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40B-n77C-n257F | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40B-n77C-n257G | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40B-n77C-n257H | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40B-n77C-n257I | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40B-n77C-n257J | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40B-n77C-n257K | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40B-n77C-n257L | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40B-n77C-n257M | CA\_n40A\_n77A  CA\_n77A\_n257A  CA\_n40A\_n257A | n40 | CA\_n40B | 0 |
|  |  | n77 | CA\_n77C |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40A-n78A-n257A | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n78A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257A |  |
| CA\_n40A-n78A-n257D | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40A-n78A-n257E | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40A-n78A-n257F | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40A-n78A-n257G | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40A-n78A-n257H | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40A-n78A-n257I | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40A-n78A-n257J | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40A-n78A-n257K | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40A-n78A-n257L | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40A-n78A-n257M | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L  CA\_n40A-n257M | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40A-n78C-n257A | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n78A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257A |  |
| CA\_n40A-n78C-n257D | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40A-n78C-n257E | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40A-n78C-n257F | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40A-n78C-n257G | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40A-n78C-n257H | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40A-n78C-n257I | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40A-n78C-n257J | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40A-n78C-n257K | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40A-n78C-n257L | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40A-n78C-n257M | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L  CA\_n40A-n257M | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78C |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40A-n78(2A)-n257A | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n78A-n257A | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40A-n78(2A)-n257D | CA\_n40A  CA\_n78A  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40A-n78(2A)-n257E | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40A-n78(2A)-n257F | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40A-n78(2A)-n257G | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40A-n78(2A)-n257H | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40A-n78(2A)-n257I | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40A-n78(2A)-n257J | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40A-n78(2A)-n257K | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40A-n78(2A)-n257L | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40A-n78(2A)-n257M | CA\_n40A  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40A-n257A  CA\_n40A-n257D  CA\_n40A-n257E  CA\_n40A-n257F  CA\_n40A-n257G  CA\_n40A-n257H  CA\_n40A-n257I  CA\_n40A-n257J  CA\_n40A-n257K  CA\_n40A-n257L  CA\_n40A-n257M | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40B-n78A-n257A | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n78A-n257A | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40B-n78A-n257D | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40B-n78A-n257E | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40B-n78A-n257F | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40B-n78A-n257G | CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40B-n78A-n257H | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40B-n78A-n257I | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40B-n78A-n257J | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40B-n78A-n257K | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40B-n78A-n257L | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40B-n78A-n257M | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L  CA\_n40B-n257M | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40B-n78(2A)-n257A | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n78A-n257A | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40B-n78(2A)-n257D | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n78A-n257A  CA\_n78A-n257D | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40B-n78(2A)-n257E | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40B-n78(2A)-n257F | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40B-n78(2A)-n257G | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40B-n78(2A)-n257H | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40B-n78(2A)-n257I | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40B-n78(2A)-n257J | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40B-n78(2A)-n257K | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40B-n78(2A)-n257L | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40B-n78(2A)-n257M | CA\_n40B  CA\_n78A  CA\_n78A-n257A  CA\_n78A-n257D  CA\_n78A-n257E  CA\_n78A-n257F  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n78A-n257J  CA\_n78A-n257K  CA\_n78A-n257L  CA\_n78A-n257M  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L  CA\_n40B-n257M | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78(2A)\_BCS2 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40B-n78C-n257A | CA\_n40B  CA\_n78C  CA\_n40B-n257A  CA\_n78C-n257A | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n40B-n78C-n257D | CA\_n40B  CA\_n78C  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n78C-n257A  CA\_n78C-n257D | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n40B-n78C-n257E | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n40B-n78C-n257F | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n40B-n78C-n257G | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n40B-n78C-n257H | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n40B-n78C-n257I | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n40B-n78C-n257J | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n78C-n257J  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n40B-n78C-n257K | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n78C-n257J  CA\_n78C-n257K  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n40B-n78C-n257L | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n78C-n257J  CA\_n78C-n257K  CA\_n78C-n257L  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n40B-n78C-n257M | CA\_n40B  CA\_n78C  CA\_n78C-n257A  CA\_n78C-n257D  CA\_n78C-n257E  CA\_n78C-n257F  CA\_n78C-n257G  CA\_n78C-n257H  CA\_n78C-n257I  CA\_n78C-n257J  CA\_n78C-n257K  CA\_n78C-n257L  CA\_n78C-n257M  CA\_n40B-n257A  CA\_n40B-n257D  CA\_n40B-n257E  CA\_n40B-n257F  CA\_n40B-n257G  CA\_n40B-n257H  CA\_n40B-n257I  CA\_n40B-n257J  CA\_n40B-n257K  CA\_n40B-n257L  CA\_n40B-n257M | n40 | CA\_n40B\_BCS1 | 0 |
|  |  | n78 | CA\_n78C\_BCS1 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n40A-n78A-n258A | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 100 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 90, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n40A-n78A-n258D | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n40A-n78A-n258E | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258E |  |
| CA\_n40A-n78A-n258F | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258F |  |
| CA\_n40A-n78A-n258G | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n40A-n78A-n258H | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n40A-n78A-n258I | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258I |  |
| CA\_n40A-n78A-n258J | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258J |  |
| CA\_n40A-n78A-n258K | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258K |  |
| CA\_n40A-n78A-n258L | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258L |  |
| CA\_n40A-n78A-n258M | - | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  |
|  |  | n258 | CA\_n258M |  |
| CA\_n41A-n66A-n260A | CA\_n41A-n260A  CA\_n66A-n260A | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n41A-n66A-n260(2A) | CA\_n41A-n260A  CA\_n66A-n260A | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260(2A) |  |
| CA\_n41A-n66A-n260G | CA\_n41A-n260A  CA\_n41A-n260G  CA\_n66A-n260A  CA\_n66A-n260G | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n41A-n66A-n260H | CA\_n41A-n260A  CA\_n41A-n260G  CA\_n41A-n260H  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n41A-n66A-n260I | CA\_n41A-n260A  CA\_n41A-n260G  CA\_n41A-n260H  CA\_n41A-n260I  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n41A-n77A-n257A | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n41A-n77A-n257G | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n41A-n77A-n257H | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n41A-n77A-n257I | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n41A-n77(2A)-n257A | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n41A-n77(2A)-n257G | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n41A-n77(2A)-n257H | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n41A-n77(2A)-n257I | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n41A-n78A-n257A | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200**,** 400 |  |
| CA\_n41A-n78A-n257G | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n41A-n78A-n257H | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n41A-n78A-n257I | - | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n41A-n79A-n258A | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n66A-n77A-n260A | CA\_n66A-n77A  CA\_n77A-n260A  CA\_n66A-n260A | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | 50, 100, 200, 400 |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n66A-n77A-n260G | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n77A-n260A  CA\_n77A-n260G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n66A-n77A-n260H | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n66A-n77A-n260I | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260I |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n66A-n77A-n260J | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260J |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n66A-n77A-n260K | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260K |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n66A-n77A-n260L | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n66A-n260L  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260L |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n66A-n77A-n260M | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n66A-n260G  CA\_n66A-n260H  CA\_n66A-n260I  CA\_n66A-n260J  CA\_n66A-n260K  CA\_n66A-n260L  CA\_n66A-n260M  CA\_n77A-n260A  CA\_n77A-n260G  CA\_n77A-n260H  CA\_n77A-n260I  CA\_n77A-n260J  CA\_n77A-n260K  CA\_n77A-n260L  CA\_n77A-n260M | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n260 | CA\_n260M |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n66A-n77(2A)-n260A | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | 50, 100, 200, 400 |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n260 | 50, 100, 200, 400 |  |
| CA\_n66A-n77(2A)-n260G | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A  CA\_n66A-n260G  CA\_n77A-n260G | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | CA\_n260G |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n260 | CA\_n260G |  |
| CA\_n66A-n77(2A)-n260H | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A  CA\_n66A-n260G  CA\_n77A-n260G  CA\_n66A-n260H  CA\_n77A-n260H | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | CA\_n260H |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n260 | CA\_n260H |  |
| CA\_n66A-n77(2A)-n260I | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A  CA\_n66A-n260G  CA\_n77A-n260G  CA\_n66A-n260H  CA\_n77A-n260H  CA\_n66A-n260I  CA\_n77A-n260I | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | CA\_n260I |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n260 | CA\_n260I |  |
| CA\_n66A-n77(2A)-n260J | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A  CA\_n66A-n260G  CA\_n77A-n260G  CA\_n66A-n260H  CA\_n77A-n260H  CA\_n66A-n260I  CA\_n77A-n260I  CA\_n66A-n260J  CA\_n77A-n260J | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | CA\_n260J |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n260 | CA\_n260J |  |
| CA\_n66A-n77(2A)-n260K | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A  CA\_n66A-n260G  CA\_n77A-n260G  CA\_n66A-n260H  CA\_n77A-n260H  CA\_n66A-n260I  CA\_n77A-n260I  CA\_n66A-n260J  CA\_n77A-n260J  CA\_n66A-n260K  CA\_n77A-n260K | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | CA\_n260K |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n260 | CA\_n260K |  |
| CA\_n66A-n77(2A)-n260L | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A  CA\_n66A-n260G  CA\_n77A-n260G  CA\_n66A-n260H  CA\_n77A-n260H  CA\_n66A-n260I  CA\_n77A-n260I  CA\_n66A-n260J  CA\_n77A-n260J  CA\_n66A-n260K  CA\_n77A-n260K  CA\_n66A-n260L  CA\_n77A-n260L | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | CA\_n260L |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n260 | CA\_n260L |  |
| CA\_n66A-n77(2A)-n260M | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A  CA\_n66A-n260G  CA\_n77A-n260G  CA\_n66A-n260H  CA\_n77A-n260H  CA\_n66A-n260I  CA\_n77A-n260I  CA\_n66A-n260J  CA\_n77A-n260J  CA\_n66A-n260K  CA\_n77A-n260K  CA\_n66A-n260L  CA\_n77A-n260L  CA\_n66A-n260M  CA\_n77A-n260M | n66 | 5, 10, 15, 20, 25, 30, 40 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n260 | CA\_n260M |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | CA\_n77(2A)\_BCS1 |  |
|  |  | n260 | CA\_n260M |  |
| CA\_n66A-n77A-n261A | CA\_n77A-n261A  CA\_n66A-n261A | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | 50, 100, 200, 400 |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | 50, 100, 200, 400 |  |
| CA\_n66A-n77A-n261G | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n77A-n261A  CA\_n77A-n261G | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261G |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261G |  |
| CA\_n66A-n77A-n261H | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H | n66 | 5, 10, 15, 20, 40 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261H |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261H |  |
| CA\_n66A-n77A-n261I | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261I |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261I |  |
| CA\_n66A-n77A-n261J | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261J |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261J |  |
| CA\_n66A-n77A-n261K | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261K |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261K |  |
| CA\_n66A-n77A-n261L | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261L |  |
| n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261L |  |
| CA\_n66A-n77A-n261M | CA\_n66A-n261A  CA\_n66A-n261G  CA\_n66A-n261H  CA\_n66A-n261I  CA\_n77A-n261A  CA\_n77A-n261G  CA\_n77A-n261H  CA\_n77A-n261I | n66 | 5, 10, 15, 20, 40 | 0 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
| n261 | CA\_n261M |  |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 40 | 1 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n261 | CA\_n261M |  |
| CA\_n77A-n79A-n257A | CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77A-n79A-n257G | CA\_n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n77A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n77A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n77(2A)-n79A-n257A | CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n77(2A)-n79A-n257G | CA\_n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n77(2A)-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n77(2A)-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n77A-n79A-n258A | - | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n77A-n79A-n258D | - | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n258 | CA\_n258D |  |
| CA\_n77A-n79A-n258G | - | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n258 | CA\_n258G |  |
| CA\_n77A-n79A-n258H | - | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n258 | CA\_n258H |  |
| CA\_n77A-n79A-n258I | - | n77 | 10, 15, 20, 40, 50, 60, 80, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n258 | CA\_n258I CA\_ n258I |  |
| CA\_n77(2A)-n79A-n258A | - | n77 | CA\_n77(2A) | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n258 | 50, 100, 200, 400 |  |
| CA\_n78A-n79A-n257A | CA\_n78A-n79A  CA\_n78A-n257A  CA\_n79A-n257A | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n78A-n79A-n257G | CA\_n257G  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n78A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n78A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 | 0 |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| NOTE 1: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively.  NOTE 2: The CA configurations are given in Table 5.5A.1-1 of either TS 38.101-1 or TS 38.101-2 where unless otherwise stated BCS0 is referred to. | | | | |

Table 5.5A.1-3: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (four bands)

| **NR CA configuration** | **Uplink configuration** | **NR Band** | **Channel bandwidth (MHz) (NOTE 1)** | **Bandwidth combination set** |
| --- | --- | --- | --- | --- |
| CA\_n1A-n3A-n8A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n8A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n8A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n8A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n8A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n3A-n8A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n3A-n8A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n3A-n8A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n3A-n28A-n257A | CA\_n1A-n3A  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n28A-n257A | n1 | 5, 10, 15, 20 | 0 |
| n3 | 5, 10, 15, 20, 25, 30 |
| n28 | 5, 10, 15, 20 |
| n257 | 50, 100, 200, 400 |
| CA\_n1A-n3A-n28A-n257G | CA\_n1A-n3A  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n257A  CA\_n28A-n257G | n1 | 5, 10, 15, 20 | 0 |
| n3 | 5, 10, 15, 20, 25, 30 |
| n28 | 5, 10, 15, 20 |
| n257 | CA\_n257G |
| CA\_n1A-n3A-n28A-n257H | CA\_n1A-n3A  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H | n1 | 5, 10, 15, 20 | 0 |
| n3 | 5, 10, 15, 20, 25, 30 |
| n28 | 5, 10, 15, 20 |
| n257 | CA\_n257H |
| CA\_n1A-n3A-n28A-n257I | CA\_n1A-n3A  CA\_n1A-n28A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I | n1 | 5, 10,15, 20 | 0 |
| n3 | 5, 10, 15, 20, 25, 30 |
| n28 | 5, 10, 15, 20 |
| n257 | CA\_n257I |
| CA\_n1A-n3A-n41A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n41A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n41A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n41A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n77A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n77A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n77A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n77A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n77A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n3A-n77A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n3A-n77A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n3A-n77A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n3A-n77(2A)-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n77(2A)-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n77(2A)-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n77(2A)-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n77(2A)-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n3A-n77(2A)-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n3A-n77(2A)-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n3A-n77(2A)-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n3A-n79A-n257A | CA\_n1A-n3A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n79A-n257A | n1 | 5, 10, 15, 20 | 0 |
| n3 | 5, 10, 15, 20, 25, 30 |
| n79 | 40, 50, 60, 80, 100 |
| n257 | 50, 100, 200, 400 |
| CA\_n1A-n3A-n79A-n257G | CA\_n1A-n3A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n1 | 5, 10, 15, 20 | 0 |
| n3 | 5, 10, 15, 20, 25, 30 |
| n79 | 40, 50, 60, 80, 100 |
| n257 | CA\_n257G |
| CA\_n1A-n3A-n79A-n257H | CA\_n1A-n3A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n1 | 5, 10, 15, 20 | 0 |
| n3 | 5, 10, 15, 20, 25 ,30 |
| n79 | 40, 50, 60, 80, 100 |
| n257 | CA\_n257H |
| CA\_n1A-n3A-n79A-n257I | CA\_n1A-n3A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n1 | 5, 10, 15, 20 | 0 |
| n3 | 5, 10, 15, 20, 25, 30 |
| n79 | 40, 50, 60, 80, 100 |
| n257 | CA\_n257I |
| CA\_n1A-n8A-n77A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n8A-n77A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n8A-n77A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90,100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n8A-n77A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90,100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n8A-n77A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n8A-n77A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n8A-n77A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n8A-n77A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n8A-n77(2A)-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n8A-n77(2A)-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n8A-n77(2A)-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n8A-n77(2A)-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n8A-n77(2A)-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n8A-n77(2A)-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n8A-n77(2A)-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n8A-n77(2A)-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n8A-n78A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n8A-n78A-n257D | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n1A-n8A-n78A-n257E | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257E |  |
| CA\_n1A-n8A-n78A-n257F | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257F |  |
| CA\_n1A-n8A-n78A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n8A-n78A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n8A-n78A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n8A-n78A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n8A-n78A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n8A-n78A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n8A-n78A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n28A-n41A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n28A-n41A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n28A-n41A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n28A-n41A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n28 | 5, 10 |  |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n28A-n77A-n257A | CA\_n1A-n28A  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | n1 | 5, 10, 15, 20 | 0 |
| n28 | 5, 10, 15, 20 |
| n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | 50, 100, 200, 400 |
| CA\_n1A-n28A-n77A-n257G | CA\_n1A-n28A  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n1 | 5, 10, 15, 20 | 0 |
| n28 | 5, 10, 15, 20 |
| n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257G |
| CA\_n1A-n28A-n77A-n257H | CA\_n1A-n28A  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n1 | 5, 10, 15, 20 | 0 |
| n28 | 5, 10, 15, 20 |
| n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257H |
| CA\_n1A-n28A-n77A-n257I | CA\_n1A-n28A  CA\_n1A-n77A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n1 | 5, 10, 15, 20 | 0 |
| n28 | 5, 10, 15, 20 |
| n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257I |
| CA\_n1A-n28A-n79A-n257A | CA\_n1A-n28A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n79A-n257A | n1 | 5, 10, 15, 20 | 0 |
| n28 | 5, 10, 15, 20 |
| n79 | 40, 50, 60, 80, 100 |
| n257 | 50, 100, 200, 400 |
| CA\_n1A-n28A-n79A-n257G | CA\_n1A-n28A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n1 | 5, 10, 15, 20 | 0 |
| n28 | 5, 10, 15, 20 |
| n79 | 40, 50, 60, 80, 100 |
| n257 | CA\_n257G |
| CA\_n1A-n28A-n79A-n257H | CA\_n1A-n28A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n1 | 5, 10, 15, 20 | 0 |
| n28 | 5, 10, 15, 20 |
| n79 | 40, 50, 60, 80, 100 |
| n257 | CA\_n257H |
| CA\_n1A-n28A-n79A-n257I | CA\_n1A-n28A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n1 | 5, 10, 15, 20 | 0 |
| n28 | 5, 10, 15, 20 |
| n79 | 40, 50, 60, 80, 100 |
| n257 | CA\_n257I |
| CA\_n1A-n41A-n77A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n41A-n77A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n41A-n77A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n41A-n77A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n77A-n79A-n257A | CA\_n1A-n77A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n77A-n79A-n257G | CA\_n1A-n77A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n77A-n79A-n257H | CA\_n1A-n77A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n257G  CA\_n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n77A-n79A-n257I | CA\_n1A-n77A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I  CA\_n257G  CA\_n257H  CA\_n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n78A-n79A-n257A | CA\_n1A-n78A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n79A-n257A | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n78A-n79A-n257G | CA\_n1A-n78A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n257G | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n78A-n79A-n257H | CA\_n1A-n78A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n257G  CA\_n257H | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n78A-n79A-n257I | CA\_n1A-n78A  CA\_n1A-n79A  CA\_n1A-n257A  CA\_n1A-n257G  CA\_n1A-n257H  CA\_n1A-n257I  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I  CA\_n257G  CA\_n257H  CA\_n257I | n1 | 5, 10, 15, 20 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n7A-n78A-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | 50, 100, 200, 400 |
| CA\_n3A-n7A-n78A-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258B |
| CA\_n3A-n7A-n78A-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258C |
| CA\_n3A-n7A-n78A-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258D |
| CA\_n3A-n7A-n78A-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258E |
| CA\_n3A-n7A-n78A-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258F |
| CA\_n3A-n7A-n78A-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258G |
| CA\_n3A-n7A-n78A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258H |
| CA\_n3A-n7A-n78A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258I |
| CA\_n3A-n7A-n78A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258J |
| CA\_n3A-n7A-n78A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258K |
| CA\_n3A-n7A-n78A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258L |
| CA\_n3A-n7A-n78A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | 5, 10, 15, 20, 25, 30, 40, 50 |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258M |
| CA\_n3A-n7B-n78A-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | 50, 100, 200, 400 |
| CA\_n3A-n7B-n78A-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258B |
| CA\_n3A-n7B-n78A-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258C |
| CA\_n3A-n7B-n78A-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258D |
| CA\_n3A-n7B-n78A-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258E |
| CA\_n3A-n7B-n78A-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n78A-n258A  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258F |
| CA\_n3A-n7B-n78A-n258G | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258G |
| CA\_n3A-n7B-n78A-n258H | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258H |
| CA\_n3A-n7B-n78A-n258I | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258I |
| CA\_n3A-n7B-n78A-n258J | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258J |
| CA\_n3A-n7B-n78A-n258K | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258K |
| CA\_n3A-n7B-n78A-n258L | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258L |
| CA\_n3A-n7B-n78A-n258M | CA\_n3A-n258A  CA\_n3A-n258G  CA\_n3A-n258H  CA\_n3A-n258I  CA\_n7A-n258A  CA\_n7A-n258G  CA\_n7A-n258H  CA\_n7A-n258I  CA\_n78A-n258A  CA\_n78A-n258G  CA\_n78A-n258H  CA\_n78A-n258I  CA\_n3A-n7A  CA\_n3A-n78A  CA\_n7A-n78A | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 |
| n7 | CA\_n7B |
| n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n258 | CA\_n258M |
| CA\_n3A-n8A-n77A-n257A | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n8A-n77A-n257G | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n8A-n77A-n257H | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n8A-n77A-n257I | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n8A-n77A-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n3A-n8A-n77A-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n3A-n8A-n77A-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n3A-n8A-n77A-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n3A-n8A-n77(2A)-n257A | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n8A-n77(2A)-n257G | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n8A-n77(2A)-n257H | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n8A-n77(2A)-n257I | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n8A-n77(2A)-n257J | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n3A-n8A-n77(2A)-n257K | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n3A-n8A-n77(2A)-n257L | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n3A-n8A-n77(2A)-n257M | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n3A-n28A-n41A-n257A | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n257A  CA\_n28A-n41A  CA\_n28A-n257A  CA\_n41A-n257A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
| n28 | 5, 10, 15, 20 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n257 | 50, 100, 200, 400 |
| CA\_n3A-n28A-n41A-n257G | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n41A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n41A-n257A  CA\_n41A-n257G | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
| n28 | 5, 10, 15, 20 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257G |
| CA\_n3A-n28A-n41A-n257H | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n41A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
| n28 | 5, 10, 15, 20 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257H |
| CA\_n3A-n28A-n41A-n257I | CA\_n3A-n28A  CA\_n3A-n41A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n41A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
| n28 | 5, 10, 15, 20 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257I |
| CA\_n3A-n28A-n77A-n257A | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n77A-n257D | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n28A-n77A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n77A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n77A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n77A-n257I | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n77A-n257H  CA\_n3A-n257I  CA\_n28A-n257I  CA\_n77A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n28A-n77(2A)-n257A | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n77(2A)-n257D | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n28A-n77(2A)-n257G | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n77(2A)-n257H | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n77A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n77(2A)-n257I | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n77A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n77A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n77A-n257H  CA\_n3A-n257I  CA\_n28A-n257I  CA\_n77A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n28A-n77(3A)-n257A | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n77(3A)-n257D | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n28A-n77(3A)-n257G | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n77(3A)-n257H | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n77(3A)-n257I | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | CA\_n77(3A) |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n28A-n78A-n257A | CA\_n28A-n257A  CA\_n78A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n78A-n257D | - | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257D |  |
| CA\_n3A-n28A-n78A-n257G | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n78A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n78A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n78A-n257H | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n78A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n78A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n78A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n78A-n257I | CA\_n3A-n257A  CA\_n28A-n257A  CA\_n78A-n257A  CA\_n3A-n257G  CA\_n28A-n257G  CA\_n78A-n257G  CA\_n3A-n257H  CA\_n28A-n257H  CA\_n78A-n257H  CA\_n3A-n257I  CA\_n28A-n257I  CA\_n78A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n28A-n79A-n257A | CA\_n3A-n28A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n79A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n79A-n257G | CA\_n3A-n28A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n79A-n257H | CA\_n3A-n28A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n79A-n257I | CA\_n3A-n28A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n41A-n77A-n257A | CA\_n3A-n41A  CA\_n3A-n77A  CA\_n3A-n257A  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n257 | 50, 100, 200, 400 |
| CA\_n3A-n41A-n77A-n257G | CA\_n3A-n41A  CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n257 | CA\_n257G |
| CA\_n3A-n41A-n77A-n257H | CA\_n3A-n41A  CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n257 | CA\_n257H |
| CA\_n3A-n41A-n77A-n257I | CA\_n3A-n41A  CA\_n3A-n77A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n41A-n257H  CA\_n41A-n257I  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |
| n257 | CA\_n257I |
| CA\_n3A-n77A-n79A-n257A | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n77A-n79A-n257G | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n77A-n79A-n257H | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n77A-n79A-n257I | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n77(2A)-n79A-n257A | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n77(2A)-n79A-n257G | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n77(2A)-n79A-n257H | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n77(2A)-n79A-n257I | CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n41A-n77A-n257A | CA\_n28A-n41A  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n28 | 5, 10, 15, 20 | 0 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n77 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n257 | 50, 100, 200, 400 |
| CA\_n28A-n41A-n77A-n257G | CA\_n28A-n41A  CA\_n28A-n77A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n41A-n77A  CA\_n41A-n257A  CA\_n41A-n257G  CA\_n77A-n257A  CA\_n77A-n257G | n28 | 5, 10, 15, 20 | 0 |
| n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n77 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257G |
| CA\_n28A-n41A-n77A-n257H | - | n28 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n41A-n77A-n257I | - | n28 | 5, 10, 15, 20 | 0 |
|  |  | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n77 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n77A-n79A-n257A | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n77A-n79A-n257G | CA\_n257G  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n77A-n79A-n257H | CA\_n257G  CA\_n257H  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n77A-n79A-n257I | CA\_n257G  CA\_n257H  CA\_n257I  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n77(2A)-n79A-n257A | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n28A-n77(2A)-n79A-n257G | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n77(2A)-n79A-n257H | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n77(2A)-n79A-n257I | CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n28 | 5, 10, 15, 20 | 0 |
|  |  | n77 | CA\_n77(2A) |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n28A-n78A-n79A-n257A | CA\_n28A-n78A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n79A-n257A | n28 | 5, 10, 15 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | 100, 200, 400 |  |
| CA\_n28A-n78A-n79A-n257G | CA\_n28A-n78A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n28 | 5, 10, 15 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n28A-n78A-n79A-n257H | CA\_n28A-n78A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n28 | 5, 10, 15 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n28A-n78A-n79A-n257I | CA\_n28A-n78A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n78A-n79A  CA\_n78A-n257A  CA\_n78A-n257G  CA\_n78A-n257H  CA\_n78A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n28 | 5, 10, 15 | 0 |
|  |  | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 |  |
|  |  | n79 | 40, 50, 60, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| NOTE 1: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively.  NOTE 2: The CA configurations are given in Table 5.5A.1-1 of either TS 38.101-1 or TS 38.101-2 where unless otherwise stated BCS0 is referred to. | | | | |

Table 5.5A.1-4: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (five bands)

| NR CA configuration | Uplink configuration | NR Band | Channel bandwidth (MHz) (NOTE 1) | Bandwidth combination set |
| --- | --- | --- | --- | --- |
| CA\_n1A-n3A-n8A-n77A-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n8A-n77A-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n8A-n77A-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n8A-n77A-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n8A-n77A-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n3A-n8A-n77A-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n3A-n8A-n77A-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n3A-n8A-n77A-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257A | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257G | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257H | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257I | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257J | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257J |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257K | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257K |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257L | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257L |  |
| CA\_n1A-n3A-n8A-n77(2A)-n257M | - | n1 | 5, 10, 15, 20 | 0 |
|  |  | n3 | 5, 10, 15, 20, 25, 30 |  |
|  |  | n8 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n257 | CA\_n257M |  |
| CA\_n3A-n28A-n77A-n79A-n257A | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n77A-n79A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n77A-n79A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n77A-n79A-n257I | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257A | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | 50, 100, 200, 400 |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n79A-n257A  CA\_n79A-n257G | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257G |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257H |  |
| CA\_n3A-n28A-n77(2A)-n79A-n257I | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n3A-n79A  CA\_n3A-n257A  CA\_n3A-n257G  CA\_n3A-n257H  CA\_n3A-n257I  CA\_n28A-n77A  CA\_n28A-n79A  CA\_n28A-n257A  CA\_n28A-n257G  CA\_n28A-n257H  CA\_n28A-n257I  CA\_n77A-n79A  CA\_n77A-n257A  CA\_n77A-n257G  CA\_n77A-n257H  CA\_n77A-n257I  CA\_n79A-n257A  CA\_n79A-n257G  CA\_n79A-n257H  CA\_n79A-n257I | n3 | 5, 10, 15, 20, 25, 30 | 0 |
|  |  | n28 | 5, 10, 15, 20 |  |
|  |  | n77 | See CA\_n77(2A) Bandwidth Combination Set 0 in Table 5.5A.2-1 |  |
|  |  | n79 | 40, 50, 80, 100 |  |
|  |  | n257 | CA\_n257I |  |
| NOTE 1: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively. | | | | |

## 5.5B Configuration for DC

### 5.5B.1 General

The operating bands and bandwidth classes are specified for operation with EN-DC, NGEN-DC, NE-DC or NR-DC configured. The EN-DC, NGEN-DC or NE-DC band combinations include at least one E-UTRA operating band.

For EN-DC or NE-DC configurations indicated by column "Single Uplink allowed" (e.g., problematic band combinations as defined in TS 38.306 [11]) in tables in this clause the UE may indicate capability of not supporting simultaneous dual and triple uplink operation due to possible intermodulation interference to its own primary downlink channel bandwidth of PCell or PSCell if the intermodulation order is 2 or if the intermodulation order is 3 for the combinations when both operating bands are between 450 MHz – 960 MHz or between 1427 MHz – 2690 MHz. When LTE and NR transmissions collide, simultaneous dual transmissions may not be supported by UE for these EN-DC band combinations for which only single switched UL is supported.

In the case for EN-DC or NE-DC configurations listed in tables in this clause for which the intermodulation products caused by the dual and triple uplink operation fall into the receive band but do not interfere with its own primary downlink channel bandwidth of PCell or PSCell as defined in Annex I the UE is mandated to operate in dual and triple uplink mode. Single Uplink is also allowed for certain band combinations where intermodulation or reverse intermodulation products could create difficulty for meeting emission requirementsFor EN-DC combinations of order 3 or higher, "Single Uplink allowed" UL configurations captured in Table 5.5B.2-1, Table 5.5B.3-1, and Table 5.5B.4-1 apply.

If multiple UL DC configurations are listed for multiple DL DC configurations, valid uplink configurations are such that uplink does not have more carriers than downlink.

The configurations for operating bands for DC including Band n41 also apply for the corresponding operating bands for DC with Band n90 replacing Band n41 but with otherwise identical parameters. For brevity the said configuration for operating bands for DC with Band n90 are not listed in the tables below but are covered by this specification.

Non contiguous resource allocation and almost contiguous allocation are not applicable for E UTRA or NR carrier part of intra band EN DC configuration.

If the mandatory simultaneous Rx/Tx capability applies for a lower order DC configuration, when the applicable lower order DC configuration is a band pair in a higher order DC configuration, the mandatory simultaneous Rx/Tx capability also applies for the band pair in the higher order DC configuration.

### 5.5B.2 Intra-band contiguous EN-DC

Table 5.5B.2-1: Intra-band contiguous EN-DC configurations

|  |  |  |
| --- | --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | Single UL allowed |
| DC\_(n)3AA | DC\_(n)3AA6 | Yes6 |
| DC\_(n)5AA | DC\_(n)5AA6 | Yes6 |
| DC\_(n)7AA | DC\_(n)7AA6 | Yes6 |
| DC\_(n)12AA | DC\_(n)12AA6 | Yes6 |
| DC\_(n)38AA5 | DC\_(n)38AA6 | Yes6 |
| DC\_(n)41AA5  DC\_(n)41AB5  DC\_(n)41CA5  DC\_(n)41DA5 | DC\_(n)41AA  DC\_41A\_n41A | Yes3 |
| DC\_(n)48AA5 | DC\_(n)48AA6 | Yes6 |
| DC\_(n)48CA5 | DC\_(n)48AA6  DC\_48A\_n48A6 | Yes6 |
| DC\_(n)48DA5 | DC\_(n)48AA6  DC\_48A\_n48A6 | Yes6 |
| DC\_(n)66AA | DC\_(n)66AA6 | Yes |
| DC\_(n)71AA2 | DC\_(n)71AA | No4 |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Requirements in this specification apply for NR SCS of 15 kHz only.  NOTE 3: Single UL allowed due to potential emission issues, not self-interference.  NOTE 4: For UE(s) supporting dynamic power sharing it is mandatory to do dual simultaneous UL. For UE(s) not supporting dynamic power sharing single UL is allowed. Uplink DC\_(n)71AA is not applicable to BCS2.  NOTE 5: The minimum requirements only apply for non-simultaneous Tx/Rx between all carriers.  NOTE 6: Only single switched UL is supported | | |

### 5.5B.3 Intra-band non-contiguous EN-DC

Table 5.5B.3-1: Intra-band non-contiguous EN-DC configurations

|  |  |  |
| --- | --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | Single UL allowed |
| DC\_2A\_n2A | DC\_2A\_n2A5 | Yes5 |
| DC\_3A\_n3A | DC\_3A\_n3A | Yes7 |
| DC\_5A\_n5A | DC\_5A\_n5A5 | Yes5 |
| DC\_7A\_n7A6 | DC\_7A\_n7A5 | Yes5 |
| DC\_41A\_n41A3  DC\_41C\_n41A3  DC\_41D\_n41A3 | DC\_41A\_n41A | Yes4 |
| DC\_48A\_n48A3 | DC\_48A\_n48A5 | Yes5 |
| DC\_48A-48A\_n48A3 | DC\_48A\_n48A5 | Yes5 |
| DC\_48C\_n48A3 | DC\_48A\_n48A5 | Yes5 |
| DC\_48D\_n48A3 | DC\_48A\_n48A5 | Yes5 |
| DC\_66A\_n66A | DC\_66A\_n66A5 | Yes5 |
| DC\_66A-66A\_n66A | DC\_66A\_n66A5 | Yes5 |
| DC\_71A\_n71A3 | DC\_71A\_n71A5 | Yes5 |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Void.  NOTE 3: The minimum requirements only apply for non-simultaneous Tx/Rx between all carriers.  NOTE 4: Single UL allowed due to potential emission issues, not self-interference.  NOTE 5: Only single switched UL is supported.  NOTE 6: Requirements in this specification apply for NR SCS of 15 kHz only.  NOTE 7: Single UL allowed due to potential emission issues and self-interference. | | |

Table 5.5B.3-2: Intra-band EN-DC configurations for mixed intra-band contiguous and non-contiguous EN-DC

|  |  |  |
| --- | --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) | Single UL allowed |
| DC\_48A-(n)48AA3 | DC\_(n)48AA5  DC\_48A\_n48A5 | Yes5 |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Void  NOTE 3: The minimum requirements only apply for non-simultaneous Tx/Rx between all carriers.  NOTE 4: Single UL allowed due to potential emission issues, not self-interference.  NOTE 5: Only single switched UL is supported. | | |

### 5.5B.4 Inter-band EN-DC within FR1

#### 5.5B.4.1 Inter-band EN-DC configurations within FR1 (two bands)

Table 5.5B.4.1-1: Inter-band EN-DC configurations within FR1 (two bands)

| **EN-DC**  **configuration** | **Uplink EN-DC**  **configuration**  **(NOTE 1)** | **Single UL allowed** | **DL interruption allowed**  **(Note 14)** |
| --- | --- | --- | --- |
| DC\_1A\_n3A  DC\_1C\_n3A | DC\_1A\_n3A  DC\_1C\_n3A | DC\_1\_n3 |  |
| DC\_1A\_n5A | DC\_1A\_n5A | No |  |
| DC\_1A\_n7A  DC\_1A\_n7B | DC\_1A\_n7A  DC\_1A\_n7B | No |  |
| DC\_1A-1A\_n7A  DC\_1A-1A\_n7B | DC\_1A\_n7A | No |  |
| DC\_1A\_n8A | DC\_1A\_n8A | No |  |
| DC\_1A\_n20A | DC\_1A\_n20A | No |  |
| DC\_1A\_n28A | DC\_1A\_n28A | No |  |
| DC\_1A-1A\_n28A | DC\_1A\_n28A | No |  |
| DC\_1A\_n38A  DC\_1C\_n38A | DC\_1A\_n38A | No |  |
| DC\_1A\_n40A  DC\_1A\_n40B | DC\_1A\_n40A | No |  |
| DC\_1A\_n41A7 | DC\_1A\_n41A | No |  |
| DC\_1A\_n50A | DC\_1A\_n50A | No |  |
| DC\_1A\_n51A | DC\_1A\_n51A | No |  |
| DC\_1A\_n71A  DC\_1A\_n71B | DC\_1A\_n71A | No |  |
| DC\_1A\_n77A7  DC\_1A\_n77C7 | DC\_1A\_n77A | DC\_1\_n77 | No |
| DC\_1A\_n77(2A)7  DC\_1A\_n77(3A)7 | DC\_1A\_n77A | DC\_1\_n77 | No |
| DC\_1A\_n78A7  DC\_1A\_n78C7 | DC\_1A\_n78A | No | No |
| DC\_1A\_n78(2A)7 | DC\_1A\_n78A | No | No |
| DC\_1A-1A\_n78A | DC\_1A\_n78A | No | No |
| DC\_1A\_n79A7  DC\_1A\_n79C7 | DC\_1A\_n79A | No | No |
| DC\_2A\_n5A | DC\_2A\_n5A | No |  |
| DC\_2A-2A\_n5A | DC\_2A\_n5A | No |  |
| DC\_2A\_n7A | DC\_2A\_n7A | No |  |
| DC\_2A\_n7(2A) | DC\_2A\_n7A | No |  |
| DC\_2A\_n12A | DC\_2A\_n12A | No |  |
| DC\_2A\_n25A11, 13, 20 | N/A | N/A |  |
| DC\_2A\_n28A | DC\_2A\_n28A | No |  |
| DC\_2A\_n30A | DC\_2A\_n30A | No |  |
| DC\_2A-2A\_n30A | DC\_2A\_n30A | No |  |
| DC\_2A\_n38A | DC\_2A\_n38A | No |  |
| DC\_2A-2A\_n38A | DC\_2A\_n38A | No |  |
| DC\_2A\_n41A  DC\_2A\_n41C  DC\_2C\_n41A | DC\_2A\_n41A  DC\_2C\_n41A | No |  |
| DC\_2A\_n41(2A) | DC\_2A\_n41A | No |  |
| DC\_2A-2A\_n41A | DC\_2A\_n41A | No |  |
| DC\_2A\_n46A | DC\_2A\_n46A | No |  |
| DC\_2A\_n48A  DC\_2A\_n48B | DC\_2A\_n48A | No |  |
| DC\_2A\_n66A | DC\_2A\_n66A | DC\_2\_n66 |  |
| DC\_2A\_n66(2A) | DC\_2A\_n66A | DC\_2\_n66 |  |
| DC\_2A-2A\_n66A | DC\_2A\_n66A | DC\_2\_n66 |  |
| DC\_2A\_n71A  DC\_2A\_n71B  DC\_2C\_n71A | DC\_2A\_n71A | No |  |
| DC\_2A-2A\_n71A | DC\_2A\_n71A | No |  |
| DC\_2A\_n77A  DC\_2A\_n77C | DC\_2A\_n77A | DC\_2\_n77 |  |
| DC\_2A\_n77(2A) | DC\_2A\_n77A | DC\_2\_n77 |  |
| DC\_2A-2A\_n77A  DC\_2A-2A\_n77C | DC\_2A\_n77A | DC\_2\_n77 |  |
| DC\_2A-2A\_n77(2A) | DC\_2A\_n77A | DC\_2\_n77 |  |
| DC\_2A\_n78A | DC\_2A\_n78A | DC\_2\_n78 |  |
| DC\_2A-2A\_n78(2A) | DC\_2A\_n78A | DC\_2\_n78 |  |
| DC\_2A\_n78(2A) | DC\_2A\_n78A | DC\_2\_n78 |  |
| DC\_2A-2A\_n78A | DC\_2A\_n78A | DC\_2\_n78 |  |
| DC\_3A\_n1A  DC\_3C\_n1A | DC\_3A\_n1A  DC\_3C\_n1A | DC\_3\_n1 |  |
| DC\_3A-3A\_n1A | DC\_3A\_n1A | DC\_3\_n1 |  |
| DC\_3A\_n5A  DC\_3C\_n5A | DC\_3A\_n5A | DC\_3\_n5 |  |
| DC\_3A\_n7A  DC\_3A\_n7B  DC\_3C\_n7A  DC\_3C\_n7B | DC\_3A\_n7A  DC\_3A\_n7B  DC\_3C\_n7A | No |  |
| DC\_3A-3A\_n7A  DC\_3A-3A\_n7B | DC\_3A\_n7A | No |  |
| DC\_3A\_n8A | DC\_3A\_n8A | No |  |
| DC\_3A-3A\_n8A | DC\_3A\_n8A | No |  |
| DC\_3A\_n20A  DC\_3C\_n20A | DC\_3A\_n20A | No |  |
| DC\_3A\_n28A  DC\_3C\_n28A | DC\_3A\_n28A | No |  |
| DC\_3A\_n34A | DC\_3A\_n34A | No |  |
| DC\_3A\_n38A  DC\_3C\_n38A | DC\_3A\_n38A | No |  |
| DC\_3A\_n40A  DC\_3A\_n40B | DC\_3A\_n40A | No |  |
| DC\_3A\_n41A7  DC\_3C\_n41A | DC\_3A\_n41A  DC\_3C\_n41A | DC\_3\_n41 | No |
| DC\_3A\_n50A | DC\_3A\_n50A | No |  |
| DC\_3A\_n51A | DC\_3A\_n51A | No |  |
| DC\_3A\_n71A  DC\_3A\_n71B | DC\_3A\_n71A | No |  |
| DC\_3A\_n77A7  DC\_3A\_n77C7  DC\_3C\_n77A7 | DC\_3A\_n77A  DC\_3C\_n77A | DC\_3\_n77 | No |
| DC\_3A\_n77(2A)7  DC\_3A\_n77(3A)7  DC\_3C\_n77(2A)7 | DC\_3A\_n77A  DC\_3C\_n77A | DC\_3\_n77 | No |
| DC\_3A-3A\_n77A7 | DC\_3A\_n77A | DC\_3\_n77 | No |
| DC\_3A\_n78A7  DC\_3A\_n78C7  DC\_3C\_n78A7 | DC\_3A\_n78A  DC\_3C\_n78A | DC\_3\_n78 | No |
| DC\_3A\_n78(2A)7  DC\_3C\_n78(2A)7 | DC\_3A\_n78A  DC\_3C\_n78A | DC\_3\_n78 | No |
| DC\_3A-3A\_n78A7, 21 | DC\_3A\_n78A21 | DC\_3\_n78 | No |
| DC\_3A\_n79A7  DC\_3A\_n79C7  DC\_3C\_n79A7 | DC\_3A\_n79A  DC\_3C\_n79A | No | No |
| DC\_4A\_n2A | DC\_4A\_n2A | No |  |
| DC\_4A\_n5A | DC\_4A\_n5A | DC\_4\_n5 |  |
| DC\_4A\_n7A | DC\_4A\_n7A | No |  |
| DC\_4A\_n28A | DC\_4A\_n28A | No |  |
| DC\_4A\_n38A | DC\_4A\_n38A | No |  |
| DC\_4A\_n41A | DC\_4A\_n41A | No |  |
| DC\_4A\_n78A | DC\_4A\_n78A | No |  |
| DC\_4A\_n78(2A) | DC\_4A\_n78A | No |  |
| DC\_5A\_n1A | DC\_5A\_n1A | No |  |
| DC\_5A\_n2A  DC\_5B\_n2A | DC\_5A\_n2A | No |  |
| DC\_5A-5A\_n2A | DC\_5A\_n2A | No |  |
| DC\_5A\_n3A | DC\_5A\_n3A | DC\_5\_n3 |  |
| DC\_5A\_n7A | DC\_5A\_n7A | DC\_5\_n7 |  |
| DC\_5A\_n7(2A) | DC\_5A\_n7A | DC\_5\_n7 |  |
| DC\_5A\_n12A | DC\_5A\_n12A | No |  |
| DC\_5A\_n30A | DC\_5A\_n30A | No |  |
| DC\_5A\_n38A | DC\_5A\_n38A | DC\_5\_n38 |  |
| DC\_5A\_n40A | DC\_5A\_n40A | No |  |
| DC\_5A\_n48A  DC\_5A\_n48B | DC\_5A\_n48A | No |  |
| DC\_5A\_n66A  DC\_5B\_n66A | DC\_5A\_n66A | DC\_5\_n66 |  |
| DC\_5A-5A\_n66A | DC\_5A\_n66A | DC\_5\_n66 |  |
| DC\_5A\_n77A  DC\_5A\_n77C | DC\_5A\_n77A | No |  |
| DC\_5A\_n77(2A) | DC\_5A\_n77A | No |  |
| DC\_5A\_n71A | DC\_5A\_n71A | No |  |
| DC\_5A\_n78A7  DC\_5A\_n78C7 | DC\_5A\_n78A | No | No |
| DC\_5A\_n78(2A)7 | DC\_5A\_n78A | No | No |
| DC\_5A\_n79A | DC\_5A\_n79A | No | No |
| DC\_7A\_n1A  DC\_7C\_n1A | DC\_7A\_n1A  DC\_7C\_n1A | No |  |
| DC\_7A-7A\_n1A | DC\_7A\_n1A | No |  |
| DC\_7A\_n2A  DC\_7C\_n2A | DC\_7A\_n2A | No |  |
| DC\_7A\_n3A  DC\_7C\_n3A | DC\_7A\_n3A  DC\_7C\_n3A | No |  |
| DC\_7A\_n5A  DC\_7C\_n5A | DC\_7A\_n5A  DC\_7C\_n5A | DC\_7\_n5 |  |
| DC\_7A-7A\_n5A | DC\_7A\_n5A | DC\_7\_n5 |  |
| DC\_7A\_n8A | DC\_7A\_n8A | No |  |
| DC\_7A-7A\_n8A | DC\_7A\_n8A | No |  |
| DC\_7A-7A\_n78(2A)7 | DC\_7A\_n78A | No |  |
| DC\_7A\_n20A | DC\_7A\_n20A | No |  |
| DC\_7A\_n25A  DC\_7C\_n25A | DC\_7A\_n25A | No |  |
| DC\_7A-7A\_n25A | DC\_7A\_n25A | No |  |
| DC\_7A\_n28A  DC\_7C\_n28A | DC\_7A\_n28A  DC\_7C\_n28A | No |  |
| DC\_7A\_n40A | DC\_7A\_n40A | Yes |  |
| DC\_7A\_n51A | DC\_7A\_n51A | No |  |
| DC\_7A\_n66A  DC\_7C\_n66A | DC\_7A\_n66A | No |  |
| DC\_7A-7A\_n66A | DC\_7A\_n66A | No |  |
| DC\_7A\_n71A | DC\_7A\_n71A | No |  |
| DC\_7A\_n77A7  DC\_7C\_n77A | DC\_7A\_n77A | No |  |
| DC\_7A\_n77(2A)  DC\_7C\_n77(2A) | DC\_7A\_n77A | No |  |
| DC\_7A-7A\_n77A7 | DC\_7A\_n77A | No |  |
| DC\_7A-7A\_n77(2A) | DC\_7A\_n77A | No |  |
| DC\_7A\_n78A7  DC\_7C\_n78A7  DC\_7A\_n78C7 | DC\_7A\_n78A  DC\_7C\_n78A | No |  |
| DC\_7A\_n78(2A)7  DC\_7C\_n78(2A)7 | DC\_7A\_n78A  DC\_7C\_n78A | No |  |
| DC\_7A-7A\_n78A7, 21  DC\_7A-7A\_n78C7 | DC\_7A\_n78A21 | No |  |
| DC\_7A\_n79A  DC\_7A\_n79C | DC\_7A\_n79A | No |  |
| DC\_8A\_n1A | DC\_8A\_n1A | No |  |
| DC\_8A\_n2A | DC\_8A\_n2A | DC\_8\_n2 |  |
| DC\_8A\_n3A | DC\_8A\_n3A | No |  |
| DC\_8A\_n7A | DC\_8A\_n7A | No |  |
| DC\_8A\_n20A | DC\_8A\_n20A | Yes |  |
| DC\_8A\_n28A | DC\_8A\_n28A | No |  |
| DC\_8A\_n34A | DC\_8A\_n34A | No |  |
| DC\_8A\_n39A | DC\_8A\_n39A | No |  |
| DC\_8A\_n40A7 | DC\_8A\_n40A | No |  |
| DC\_8A\_n41A7  DC\_8A\_n41C | DC\_8A\_n41A | No | No |
| DC\_8A\_n41(2A) | DC\_8A\_n41A | No | No |
| DC\_8A\_n77A7 | DC\_8A\_n77A | No | No |
| DC\_8A\_n77(2A)7  DC\_8A\_n77(3A)7 | DC\_8A\_n77A | No | No |
| DC\_8A\_n78A7 | DC\_8A\_n78A | No | No |
| DC\_8A\_n78(2A)7 | DC\_8A\_n78A | No | No |
| DC\_8A\_n79A7  DC\_8A\_n79C | DC\_8A\_n79A  DC\_8A\_n79C | No | No |
| DC\_8A\_n93A | DC\_8A\_n93A\_ULSUP-TDM | N/A |  |
| DC\_8A\_n94A | DC\_8A\_n94A\_ULSUP-TDM | N/A |  |
| DC\_11A\_n1A | DC\_11A\_n1A | No |  |
| DC\_11A\_n3A | DC\_11A\_n3A | No |  |
| DC\_11A\_n28A | DC\_11A\_n28A | No |  |
| DC\_11A\_n41A7 | DC\_11A\_n41A | No |  |
| DC\_11A\_n77A7 | DC\_11A\_n77A | No | No |
| DC\_11A\_n77(2A)7  DC\_11A\_n77(3A)7 | DC\_11A\_n77A | No | No |
| DC\_11A\_n78A7 | DC\_11A\_n78A | No | No |
| DC\_11A\_n78(2A) | DC\_11A\_n78A | No | No |
| DC\_11A\_n79A7 | DC\_11A\_n79A | No |  |
| DC\_12A\_n2A | DC\_12A\_n2A | No |  |
| DC\_12A\_n5A | DC\_12A\_n5A | No |  |
| DC\_12A\_n7A | DC\_12A\_n7A | No |  |
| DC\_12A\_n7(2A) | DC\_12A\_n7A | No |  |
| DC\_12A\_n25A | DC\_12A\_n25A | No |  |
| DC\_12A\_n30A | DC\_12A\_n30A | No |  |
| DC\_12A\_n38A | DC\_12A\_n38A | No |  |
| DC\_12A\_n41A | DC\_12A\_n41A | No |  |
| DC\_12A\_n66A | DC\_12A\_n66A | No |  |
| DC\_12A\_n66(2A) | DC\_12A\_n66A | No |  |
| DC\_12A\_n71A | DC\_12A\_n71A18,19 | DC\_12\_n71 |  |
| DC\_12A\_n77A | DC\_12A\_n77A | DC\_12\_n77 |  |
| DC\_12A\_n77(2A) | DC\_12A\_n77A | DC\_12\_n77 |  |
| DC\_12A\_n78A | DC\_12A\_n78A | DC\_12\_n78 |  |
| DC\_12A\_n78(2A) | DC\_12A\_n78A | DC\_12\_n78 |  |
| DC\_13A\_n2A | DC\_13A\_n2A | No |  |
| DC\_13A\_n5A | DC\_13A\_n5A | DC\_13\_n5 |  |
| DC\_13A\_n7A | DC\_13A\_n7A | No |  |
| DC\_13A\_n7(2A) | DC\_13A\_n7A | No |  |
| DC\_13A\_n25A | DC\_13A\_n25A | No |  |
| DC\_13A\_n48A  DC\_13A\_n48B | DC\_13A\_n48A | No |  |
| DC\_13A\_n66A | DC\_13A\_n66A | No |  |
| DC\_13A\_n71A | DC\_13A\_n71A | No |  |
| DC\_13A\_n77A  DC\_13A\_n77C | DC\_13A\_n77A | No |  |
| DC\_13A\_n78A | DC\_13A\_n78A | No |  |
| DC\_13A\_n78(2A) | DC\_13A\_n78A | No |  |
| DC\_14A\_n2A | DC\_14A\_n2A | No |  |
| DC\_14A\_n5A | DC\_14A\_n5A | DC\_14\_n5 |  |
| DC\_14A\_n30A | DC\_14A\_n30A | No |  |
| DC\_14A\_n66A | DC\_14A\_n66A | No |  |
| DC\_14A\_n77A | DC\_14A\_n77A | No |  |
| DC\_14A\_n77(2A) | DC\_14A\_n77A | No |  |
| DC\_18A\_n3A | DC\_18A\_n3A | No |  |
| DC\_18A\_n28A | DC\_18A\_n28A | No |  |
| DC\_18A\_n41A16 | DC\_18A\_n41A | No |  |
| DC\_18A\_n77A7  DC\_18A\_n77(2A)7 | DC\_18A\_n77A | No | No |
| DC\_18A\_n78A7 | DC\_18A\_n78A | No | No |
| DC\_18A\_n78(2A)7 | DC\_18A\_n78A | No | No |
| DC\_20A\_n91A | DC\_20A\_n91A\_ULSUP-TDM | N/A |  |
| DC\_20A\_n92A | DC\_20A\_n92A\_ULSUP-TDM | N/A |  |
| DC\_18A\_n79A7 | DC\_18A\_n79A | No |  |
| DC\_19A\_n1A | DC\_19A\_n1A | No |  |
| DC\_19A\_n77A7  DC\_19A\_n77C7 | DC\_19A\_n77A | No |  |
| DC\_19A\_n77(2A)7 | DC\_19A\_n77A | No |  |
| DC\_19A\_n78A7  DC\_19A\_n78C7 | DC\_19A\_n78A | No | No |
| DC\_19A\_n78(2A)7 | DC\_19A\_n78A | No | No |
| DC\_19A\_n79A7  DC\_19A\_n79C7 | DC\_19A\_n79A | No | No |
| DC\_20A\_n1A | DC\_20A\_n1A | No |  |
| DC\_20A\_n3A | DC\_20A\_n3A | No |  |
| DC\_20A\_n7A | DC\_20A\_n7A | DC\_20\_n7 |  |
| DC\_20A\_n8A | DC\_20A\_n8A | DC\_20\_n8 |  |
| DC\_20A\_n28A8, 11,13 | DC\_20A\_n28A | No |  |
| DC\_20A\_n38A | DC\_20A\_n38A | No |  |
| DC\_20A\_n41A | DC\_20A\_n41A | DC\_20\_n41 |  |
| DC\_20A\_n50A | DC\_20A\_n50A | No |  |
| DC\_20A\_n51A | DC\_20A\_n51A | No |  |
| DC\_20A\_n77A7 | DC\_20A\_n77A | No |  |
| DC\_20A\_n78A7  DC\_20A\_n78C7 | DC\_20A\_n78A | No |  |
| DC\_20A\_n78(2A)7 | DC\_20A\_n78A | No |  |
| DC\_21A\_n1A | DC\_21A\_n1A | No |  |
| DC\_21A\_n28A17 | DC\_21A\_n28A | DC\_21\_n28 |  |
| DC\_21A\_n77A7  DC\_21A\_n77C7 | DC\_21A\_n77A | No |  |
| DC\_21A\_n77(2A)7 | DC\_21A\_n77A | No |  |
| DC\_21A\_n78A7  DC\_21A\_n78C7 | DC\_21A\_n78A | No | No |
| DC\_21A\_n78(2A)7 | DC\_21A\_n78A | No | No |
| DC\_21A\_n79A7  DC\_21A\_n79C7 | DC\_21A\_n79A | No | No |
| DC\_25A\_n41A | DC\_25A\_n41A | No |  |
| DC\_25A-25A\_n41A | DC\_25A\_n41A | No |  |
| DC\_25A\_n77A | DC\_25A\_n77A | DC\_25\_n77 |  |
| DC\_25A-25A\_n77A | DC\_25A\_n77A | DC\_25\_n77 |  |
| DC\_25A\_n78A | DC\_25A\_n78A | DC\_25\_n78 |  |
| DC\_25A-25A\_n78A | DC\_25A\_n78A | DC\_25\_n78 |  |
| DC\_26A\_n25A | DC\_26A\_n25A | No |  |
| DC\_26A\_n41A | DC\_26A\_n41A | No |  |
| DC\_26A\_n77A7 | DC\_26A\_n77A | No |  |
| DC\_26A\_n78A7 | DC\_26A\_n78A | No |  |
| DC\_26A\_n79A7 | DC\_26A\_n79A | No |  |
| DC\_28A\_n1A | DC\_28A\_n1A | No |  |
| DC\_28A\_n2A | DC\_28A\_n2A | No |  |
| DC\_28A\_n3A | DC\_28A\_n3A | No |  |
| DC\_28A\_n5A | DC\_28A\_n5A | No |  |
| DC\_28A\_n7A  DC\_28A\_n7B | DC\_28A\_n7A  DC\_28A\_n7B | No |  |
| DC\_28A\_n51A | DC\_28A\_n51A | No |  |
| DC\_28A\_n8A | DC\_28A\_n8A | No |  |
| DC\_28A\_n40A | DC\_28A\_n40A | No |  |
| DC\_28A\_n41A7 | DC\_28A\_n41A | No |  |
| DC\_28A\_n50A | DC\_28A\_n50A | No |  |
| DC\_28A\_n66A | DC\_28A\_n66A | No |  |
| DC\_28A\_n77A7  DC\_28A\_n77C7 | DC\_28A\_n77A | No | No |
| DC\_28A\_n77(2A)7 | DC\_28A\_n77A | No | No |
| DC\_28A\_n78A7  DC\_28A\_n78C7 | DC\_28A\_n78A | No | No |
| DC\_28A\_n78(2A)7 | DC\_28A\_n78A | No | No |
| DC\_28A\_n79A7  DC\_28A\_n79C7 | DC\_28A\_n79A | No |  |
| DC\_30A\_n2A | DC\_30A\_n2A | No |  |
| DC\_30A\_n5A | DC\_30A\_n5A | No |  |
| DC\_30A\_n66A | DC\_30A\_n66A | No |  |
| DC\_30A\_n77A | DC\_30A\_n77A | No |  |
| DC\_30A\_n77(2A) | DC\_30A\_n77A | No |  |
| DC\_38A\_n1A | DC\_38A\_n1A | No |  |
| DC\_38A\_n3A | DC\_38A\_n3A | No |  |
| DC\_38A\_n8A | DC\_38A\_n8A | No |  |
| DC\_38A\_n28A | DC\_38A\_n28A | No |  |
| DC\_38A\_n78A7 | DC\_38A\_n78A | No |  |
| DC\_38A\_n79A  DC\_38A\_n79C | DC\_38A\_n79A | No |  |
| DC\_39A\_n40A3 | DC\_39A\_n40A | No |  |
| DC\_39A\_n41A3  DC\_39C\_n41A3  DC\_39A\_n41C3 | DC\_39A\_n41A  DC\_39C\_n41A | No | No |
| DC\_39A\_n78A5,7 | DC\_39A\_n78A | No |  |
| DC\_39A\_n79A7  DC\_39A\_n79C7 | DC\_39A\_n79A | No | No |
| DC\_40A\_n1A  DC\_40C\_n1A | DC\_40A\_n1A | No |  |
| DC\_40A\_n41A3  DC\_40A\_n41C3  DC\_40C\_n41A3 | DC\_40A\_n41A | No |  |
| DC\_40A\_n41(2A)3 | DC\_40A\_n41A | No |  |
| DC\_40A\_n77A  DC\_40A\_n77C | DC\_40A\_n77A | No |  |
| DC\_40A\_n78A  DC\_40C\_n78A | DC\_40A\_n78A  DC\_40C\_n78A | No |  |
| DC\_40A\_n78(2A)  DC\_40C\_n78(2A) | DC\_40A\_n78A  DC\_40C\_n78A | No |  |
| DC\_40A\_n79A7,12  DC\_40A\_n79C7,12  DC\_40C\_n79A7,12 | DC\_40A\_n79A | No | No |
| DC\_41A\_n1A  DC\_41C\_n1A | DC\_41A\_n1A  DC\_41C\_n1A | No | DC\_41A\_n1A  DC\_41C\_n1A |
| DC\_41A\_n3A7  DC\_41C\_n3A7 | DC\_41A\_n3A  DC\_41C\_n3A | No |  |
| DC\_41A\_n28A7  DC\_41C\_n28A7 | DC\_41A\_n28A  DC\_41C\_n28A | No |  |
| DC\_41A\_n77A  DC\_41C\_n77A | DC\_41A\_n77A  DC\_41C\_n77A | No |  |
| DC\_41A\_n77(2A)  DC\_41C\_n77(2A) | DC\_41A\_n77A  DC\_41C\_n77A | No |  |
| DC\_41A\_n78A  DC\_41C\_n78A  DC\_41D\_n78A | DC\_41A\_n78A  DC\_41C\_n78A | No |  |
| DC\_41A\_n78(2A)  DC\_41C\_n78(2A) | DC\_41A\_n78A  DC\_41C\_n78A | No |  |
| DC\_41A\_n79A6,7  DC\_41A\_n79C6,7  DC\_41C\_n79A6,7 | DC\_41A\_n79A  DC\_41C\_n79A | No | No |
| DC\_42A\_n1A7  DC\_42C\_n1A7 | DC\_42A\_n1A  DC\_42C\_n1A | No |  |
| DC\_42A\_n3A**7**  DC\_42C\_n3A7 | DC\_42A\_n3A  DC\_42C\_n3A | DC\_42\_n3 |  |
| DC\_42A\_n28A7  DC\_42C\_n28A7 | DC\_42A\_n28A  DC\_42C\_n28A | No |  |
| DC\_42A\_n51A | DC\_42A\_n51A | No |  |
| DC\_42A\_n77A3,4,9,11  DC\_42A\_n77C3,4,9,11  DC\_42C\_n77A3,4,9,11  DC\_42C\_n77C3,4,9,11  DC\_42D\_n77A3,4,9,11  DC\_42D\_n77C  DC\_42E\_n77A3,4,9,11  DC\_42E\_n77C | N/A | N/A |  |
| DC\_42A\_n77(2A)3,4,9,11  DC\_42C\_n77(2A)3,4,9,11 | N/A | N/A |  |
| DC\_42A\_n78A3,4,9,11  DC\_42A\_n78C3,4,9,11  DC\_42C\_n78A3,4,9,11  DC\_42C\_n78C3,4,9,11  DC\_42D\_n78A3,4,9,11  DC\_42D\_n78C3,4,9,11  DC\_42E\_n78A3,4,9,11  DC\_42E\_n78C3,4,9,11 | N/A | N/A |  |
| DC\_42A\_n79A9,15  DC\_42A\_n79C9,15  DC\_42C\_n79A9,15  DC\_42C\_n79C9,15  DC\_42D\_n79A9,15  DC\_42D\_n79C9,15  DC\_42E\_n79A9,15  DC\_42E\_n79C9,15 | N/A | N/A |  |
| DC\_46A\_n77A2 | N/A | N/A |  |
| DC\_46A\_n78A2  DC\_46C\_n78A2  DC\_46D\_n78A2  DC\_46E\_n78A2 | N/A | N/A |  |
| DC\_48A\_n2A  DC\_48C\_n2A  DC\_48D\_n2A  DC\_48E\_n2A | DC\_48A\_n2A | No |  |
| DC\_48A\_n5A  DC\_48C\_n5A  DC\_48D\_n5A  DC\_48E\_n5A | DC\_48A\_n5A | No |  |
| DC\_48A\_n12A | DC\_48A\_n12A | No |  |
| DC\_48A\_n25A  DC\_48C\_n25A  DC\_48D\_n25A | DC\_48A\_n25A | No |  |
| DC\_48A\_n46A  DC\_48B\_n46A  DC\_48C\_n46A  DC\_48D\_n46A  DC\_48E\_n46A  DC\_48A\_n46B  DC\_48B\_n46B  DC\_48C\_n46B  DC\_48D\_n46B  DC\_48E\_n46B  DC\_48A\_n46C  DC\_48B\_n46C  DC\_48C\_n46C  DC\_48D\_n46C  DC\_48E\_n46C  DC\_48A\_n46D  DC\_48B\_n46D  DC\_48C\_n46D  DC\_48D\_n46D  DC\_48E\_n46D  DC\_48A\_n46E  DC\_48B\_n46E  DC\_48C\_n46E  DC\_48D\_n46E  DC\_48E\_n46E | DC\_48A\_n46A  DC\_48B\_n46A | No |  |
| DC\_48A\_n66A  DC\_48C\_n66A  DC\_48D\_n66A  DC\_48E\_n66A | DC\_48A\_n66A | No |  |
| DC\_48A\_n71A  DC\_48B\_n71A  DC\_48C\_n71A  DC\_48D\_n71A | DC\_48A\_n71A | No |  |
| DC\_48A-48A\_n71A  DC\_48A-48A-48A\_n71A | DC\_48A\_n71A | No |  |
| DC\_48A\_n77A3. 4. 9, 11  DC\_48C\_n77A3. 4. 9, 11  DC\_48A\_n77C3. 4. 9, 11  DC\_48C\_n77C3. 4. 9, 11  DC\_48D\_n77A3. 4. 9, 11  DC\_48D\_n77C3. 4. 9, 11  DC\_48E\_n77A3. 4. 9, 11 | N/A | N/A |  |
| DC\_48A-48A\_n77A | N/A | N/A |  |
| DC\_48A-48A-48A\_n77A | N/A | N/A |  |
| DC\_66A\_n2A  DC\_66B\_n2A  DC\_66C\_n2A | DC\_66A\_n2A | DC\_66\_n2 |  |
| DC\_66A-66A\_n2A | DC\_66A\_n2A | DC\_66\_n2 |  |
| DC\_66A-66A-66A\_n2A | DC\_66A\_n2A | DC\_66\_n2 |  |
| DC\_66A\_n5A  DC\_66B\_n5A  DC\_66C\_n5A | DC\_66A\_n5A | DC\_66\_n5 |  |
| DC\_66A-66A\_n5A | DC\_66A\_n5A | DC\_66\_n5 |  |
| DC\_66A-66A-66A\_n5A | DC\_66A\_n5A | DC\_66\_n5 |  |
| DC\_66A\_n7A | DC\_66A\_n7A | No |  |
| DC\_66A\_n7(2A) | DC\_66A\_n7A | No |  |
| DC\_66A-66A\_n7A | DC\_66A\_n7A | No |  |
| DC\_66A-66A\_n7(2A) | DC\_66A\_n7A | No |  |
| DC\_66A\_n12A | DC\_66A\_n12A | No |  |
| DC\_66A\_n25A | DC\_66A\_n25A | DC\_66\_n25 |  |
| DC\_66A\_n28A | DC\_66A\_n28A | No |  |
| DC\_66A\_n30A | DC\_66A\_n30A | No |  |
| DC\_66A-66A\_n30A | DC\_66A\_n30A | No |  |
| DC\_66A\_n38A | DC\_66A\_n38A | No |  |
| DC\_66A-66A\_n38A | DC\_66A\_n38A | No |  |
| DC\_66A\_n41A  DC\_66A\_n41C | DC\_66A\_n41A | No |  |
| DC\_66A\_n41(2A) | DC\_66A\_n41A | No |  |
| DC\_66A\_n46A | DC\_66A\_n46A | No |  |
| DC\_66A\_n48A  DC\_66A\_n48B | DC\_66A\_n48A | No |  |
| DC\_66A-66A\_n48A  DC\_66A-66A\_n48B | DC\_66A\_n48A | No |  |
| DC\_66A\_n71A  DC\_66C\_n71A  DC\_66A\_n71B | DC\_66A\_n71A | No |  |
| DC\_66A-66A\_n71A | DC\_66A\_n71A | No |  |
| DC\_66A\_n77A  DC\_66A\_n77C | DC\_66A\_n77A | DC\_66\_n77 |  |
| DC\_66A\_n77(2A) | DC\_66A\_n77A | DC\_66\_n77 |  |
| DC\_66A-66A\_n77A  DC\_66A-66A\_n77C | DC\_66A\_n77A | DC\_66\_n77 |  |
| DC\_66A-66A\_n77(2A) | DC\_66A\_n77A | DC\_66\_n77 |  |
| DC\_66A-66A-66A\_n77A  DC\_66A-66A-66A\_n77C | DC\_66A\_n77A | DC\_66\_n77 |  |
| DC\_66A\_n78A | DC\_66A\_n78A | No |  |
| DC\_66A\_n78(2A) | DC\_66A\_n78A | No |  |
| DC\_66A-66A\_n78A | DC\_66A\_n78A | No |  |
| DC\_66A-66A\_n78(2A) | DC\_66A\_n78A | No |  |
| DC\_71A\_n2A | DC\_71A\_n2A | No |  |
| DC\_71A\_n5A | DC\_71A\_n5A | No |  |
| DC\_71A\_n38A | DC\_71A\_n38A | No |  |
| DC\_71A\_n41A | DC\_71A\_n41A | No |  |
| DC\_71A\_n48A | DC\_71A\_n48A | No |  |
| DC\_71A\_n66A | DC\_71A\_n66A | No |  |
| DC\_71A\_n77A  DC\_71A\_n77C | DC\_71A\_n77A | No |  |
| DC\_71A\_n78A | DC\_71A\_n78A | No |  |
| DC\_71A\_n78(2A) | DC\_71A\_n78A | No |  |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Restricted to E-UTRA operation when inter-band carrier aggregation is configured. The downlink operating band for Band 46 is paired with the uplink operating band (external E-UTRA band) of the carrier aggregation configuration that is supporting the configured Pcell.  NOTE 3: The minimum requirements apply only when there is non-simultaneous Tx/Rx operation between E-UTRA and NR carriers. This restriction applies also for these carriers when applicable EN-DC configuration is part of a higher order EN-DC configuration.  NOTE 4: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements for intra-band non-contiguous EN-DC apply for the Band 42/48 and Band n77/n78 combination. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.* The intra-band requirements also apply for these carriers when applicable EN-DC configuration is a subset of a higher order EN-DC configuration.  NOTE 5: The frequency range above 3600 MHz for Band n78 is not used in this combination.  NOTE 6: The frequency range below 2506 MHz for Band 41 is not used in this combination.  NOTE 7: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability.  NOTE 8: The frequency range in band n28 / 28 is restricted for this band combination to 703 - 733 MHz for the UL and 758-788 MHz for the DL. This restriction also apply for any band combinations when DC\_20\_n28/ DC\_28\_n20/ CA\_20-28/ CA\_n20-n28 is a subset of a higher order band combination.  NOTE 9: The combination is not used alone as fall back mode of other band combinations in which UL in Band 42 or Band 48 is not used.  NOTE 10: Void.  NOTE 11: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements for apply when the maximum power spectral density imbalance between downlink carriers is within 6 dB. For UEs indicating interBandMRDC-WithOverlapDL-Bands-r16, the power imbalance requirement defined in clause 7.6B.2.6 apply. For these UEs, the power spectral density imbalance condition also applies for these carriers when applicable EN-DC configuration is a subset of a higher order EN-DC configuration.  NOTE 12: Applicable for frequency range above 4800 MHz for Band n79 in this combination.  NOTE 13: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec. The requirements also apply for these carriers when applicable EN-DC configuration is a subset of a higher order EN-DC configuration.  NOTE 14: Applicable when dynamic switching between two uplink carriers is conducted. The DL interruption requirements for NR DL carrier(s) and E-UTRA DL carrier(s) are specified in clause 8.2.1.2.14 of 38.133 [15] and clause 7.32.2.12 of 36.133 [16] respectively.  NOTE 15: Simultaneous Rx/Tx capability does not apply for UEs supporting band 42 with a n77 implementation only. Same restrictions are applied to related higher order configurations.  NOTE 16: The frequency range in band n41 is restricted for this band combination to 2595 – 2645 MHz.  NOTE 17: The frequency range in band n28 is restricted for this band combination to 728 - 738 MHz for the UL and 783 - 793 MHz for the DL. This restriction applies also for these band combinations when applicable EN-DC configuration is part of a higher order EN-DC configuration.  NOTE 18: Only single switched UL is supported.  NOTE 19: The implementation with 4 antennas is targeted for FWA form factor for this band combination.  NOTE 20: The combination is not used alone as fallback mode of other band combinations in which UL in Band 2 is not used.  NOTE 21: PC3 or PC2 Uplink EN-DC configuration is applicable to EN-DC configurations. | | | |

#### 5.5B.4.2 Inter-band EN-DC configurations within FR1 (three bands)

Table 5.5B.4.2-1: Inter-band EN-DC configurations within FR1 (three bands)

| **EN-DC**  **configuration** | **Uplink EN-DC**  **configuration**  **(NOTE 1)** |
| --- | --- |
| DC\_1A-3A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A2 |
| DC\_1A-(n)3AA | DC\_1A\_n3A |
| DC\_1A-3A\_n5A  DC\_1A-3C\_n5A | DC\_1A\_n5A  DC\_3A\_n5A |
| DC\_1A-3A\_n7A  DC\_1A-3A\_n7B  DC\_1A-3C\_n7A  DC\_1A-3C\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A |
| DC\_1A-1A-3A\_n7A DC\_1A-1A-3A\_n7B DC\_1A-1A-3C\_n7A DC\_1A-1A-3C\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A |
| DC\_1A-3A-3A\_n7A  DC\_1A-3A-3A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A |
| DC\_1A-1A-3A-3A\_n7A  DC\_1A-1A-3A-3A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A |
| DC\_1A-3A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A |
| DC\_1A-3A\_n28A  DC\_1A-3C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A-1A-3A\_n28A  DC\_1A-1A-3C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A |
| DC\_1A-3A\_n38A | DC\_1A\_n38A  DC\_3A\_n38A |
| DC\_1A\_n3A-n38A | DC\_1A\_n3A  DC\_1A\_n38A |
| DC\_1A-3A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A |
| DC\_1A-3A\_n41A5  DC\_1A-3C\_n41A | DC\_1A\_n41A  DC\_3A\_n41A  DC\_3C\_n41A |
| DC\_1A\_n3A-n41A5 | DC\_1A\_n3A  DC\_1A\_n41A |
| DC\_1A-3A\_n71A  DC\_1A-3A\_n71B | DC\_1A\_n71A  DC\_3A\_n71A |
| DC\_1A-3A\_n77A5  DC\_1A-3A\_n77C5  DC\_1A-3C\_n77A5 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_n77A |
| DC\_1A-3A\_n77(2A)5  DC\_1A-3C\_n77(2A)5 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_n77A |
| DC\_1A-3A\_n77(3A)5 | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A\_n78A5  DC\_1A-3A\_n78C5  DC\_1A-3C\_n78A5 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-3A\_n78(2A)5  DC\_1A-3C\_n78(2A)5 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-1A-3A\_n78A  DC\_1A-1A-3C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A\_n3A-n8A | DC\_1A\_n3A  DC\_1A\_n8A |
| DC\_1A\_n3A-n75A | DC\_1A\_n3A |
| DC\_1A\_n3A-n77A5 | DC\_1A\_n3A  DC\_1A\_n77A |
| DC\_1A\_n3A-n77(2A) 5 | DC\_1A\_n3A  DC\_1A\_n77A |
| DC\_1A\_n3A-n78A5 | DC\_1A\_n3A  DC\_1A\_n78A |
| DC\_1A\_n3A-n79A | DC\_1A\_n3A  DC\_1A\_n79A |
| DC\_1A-3A\_n79A5  DC\_1A-3A\_n79C5 | DC\_1A\_n79A  DC\_3A\_n79A |
| DC\_1A-5A\_n77A | DC\_1A\_n77A  DC\_5A\_n77A |
| DC\_1A-5A\_n77(2A) | DC\_1A\_n77A  DC\_5A\_n77A |
| DC\_1A-5A\_n78A5  DC\_1A-5A\_n78C5 | DC\_1A\_n78A  DC\_5A\_n78A |
| DC\_1A-5A\_n78(2A)5 | DC\_1A\_n78A  DC\_5A\_n78A |
| DC\_1A-1A-5A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A |
| DC\_1A-5A\_n79A | DC\_1A\_n79A  DC\_5A\_n79A |
| DC\_1A\_n5A-n78A5 | DC\_1A\_n5A  DC\_1A\_n78A |
| DC\_1A-7A\_n3A  DC\_1A-7C\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_7C\_n3A |
| DC\_1A-7A\_n5A  DC\_1A-7C\_n5A | DC\_1A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A |
| DC\_1A-7A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A2 |
| DC\_1A-1A-7A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A2 |
| DC\_1A-7A\_n8A | DC\_1A\_n8A  DC\_7A\_n8A |
| DC\_1A-7A\_n28A5  DC\_1A-7C\_n28A5 | DC\_1A\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-1A-7A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A |
| DC\_1A-7A\_n40A | DC\_1A\_n40A  DC\_7A\_n40A |
| DC\_1A-7A\_n77A | DC\_1A\_n77A  DC\_7A\_n77A |
| DC\_1A-7A\_n77(2A) | DC\_1A\_n77A  DC\_7A\_n77A |
| DC\_1A-7A-7A\_n77A | DC\_1A\_n77A  DC\_7A\_n77A |
| DC\_1A-7A-7A\_n77(2A) | DC\_1A\_n77A  DC\_7A\_n77A |
| DC\_1A-7A\_n78A5  DC\_1A-7C\_n78A5  DC\_1A-7A\_n78C5 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-7A\_n78(2A)5  DC\_1A-7C\_n78(2A)5 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-1A-7A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A-7A-7A\_n78A5  DC\_1A-7A-7A\_n78C5 | DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A-7A-7A\_n78(2A)5 | DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A\_n7A-n78A  DC\_1A\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n78A |
| DC\_1A\_n7A-n78(2A) | DC\_1A\_n7A  DC\_1A\_n78A |
| DC\_1A-8A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A |
| DC\_1A-8A\_n28A | DC\_1A\_n28A  DC\_8A\_n28A |
| DC\_1A-8A\_n40A | DC\_1A\_n40A  DC\_8A\_n40A |
| DC\_1A\_n8A-n40A | DC\_1A\_n8A  DC\_1A\_n40A |
| DC\_1A-8A\_n77A5 | DC\_1A\_n8A  DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n77(2A)5 | DC\_1A\_n8A  DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A\_n8A-n77A  DC\_1A\_n8A-n77(2A) | DC\_1A\_n8A  DC\_1A\_n77A |
| DC\_1A-8A\_n77(3A)5 | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n78A5 | DC\_1A\_n78A  DC\_8A\_n78A |
| DC\_1A-8A\_n78(2A)5 | DC\_1A\_n78A  DC\_8A\_n78A |
| DC\_1A\_n8A-n78A5 | DC\_1A\_n8A  DC\_1A\_n78A |
| DC\_1A-8A\_n79A5 | DC\_1A\_n79A  DC\_8A\_n79A |
| DC\_1A-11A\_n3A | DC\_1A\_n3A  DC\_11A\_n3A |
| DC\_1A-11A\_n28A | DC\_1A\_n28A  DC\_11A\_n28A |
| DC\_1A-11A\_n41A5 | DC\_1A\_n41A  DC\_11A\_n41A |
| DC\_1A-11A\_n77A5 | DC\_1A\_n77A  DC\_11A\_n77A |
| DC\_1A-11A\_n77(2A)5 | DC\_1A\_n77A  DC\_11A\_n77A |
| DC\_1A-11A\_n77(3A)5 | DC\_1A\_n77A  DC\_11A\_n77A |
| DC\_1A-11A\_n78A5 | DC\_1A\_n78A  DC\_11A\_n78A |
| DC\_1A-11A\_n78(2A)5 | DC\_1A\_n78A  DC\_11A\_n78A |
| DC\_1A-11A\_n79A5 | DC\_1A\_n79A  DC\_11A\_n79A |
| DC\_1A-18A\_n3A | DC\_1A\_n3A  DC\_18A\_n3A |
| DC\_1A-18A\_n28A | DC\_1A\_n28A  DC\_18A\_n28A |
| DC\_1A-18A\_n41A | DC\_1A\_n41A  DC\_18A\_n41A |
| DC\_1A-18A\_n77A5 | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A\_n77(2A)5 | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A\_n78A5 | DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A\_n78(2A)5 | DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A\_n79A | DC\_1A\_n79A  DC\_18A\_n79A |
| DC\_1A-19A\_n77A5  DC\_1A-19A\_n77C5 | DC\_1A\_n77A  DC\_19A\_n77A |
| DC\_1A-19A\_n77(2A)5 | DC\_1A\_n77A  DC\_19A\_n77A |
| DC\_1A-19A\_n78A5  DC\_1A-19A\_n78C5 | DC\_1A\_n78A  DC\_19A\_n78A |
| DC\_1A-19A\_n78(2A)5 | DC\_1A\_n78A  DC\_19A\_n78A |
| DC\_1A-19A\_n79A5  DC\_1A-19A\_n79C5 | DC\_1A\_n79A  DC\_19A\_n79A |
| DC\_1A-20A\_n3A  DC\_1C-20A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-20A\_n7A | DC\_1A\_n7A  DC\_20A\_n7A |
| DC\_1A-20A\_n8A | DC\_1A\_n8A  DC\_20A\_n8A |
| DC\_1A-20A\_n28A | DC\_1A\_n28A  DC\_20A\_n28A |
| DC\_1A-20A\_n38A | DC\_1A\_n38A  DC\_20A\_n38A |
| DC\_1A-20A\_n41A | DC\_1A\_n41A  DC\_20A\_n41A |
| DC\_1A-20A\_n78A5 | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A\_n78(2A)5 | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-21A\_n28A13 | DC\_1A\_n28A  DC\_21A\_n28A |
| DC\_1A-21A\_n77A5  DC\_1A-21A\_n77C5 | DC\_1A\_n77A  DC\_21A\_n77A |
| DC\_1A-21A\_n77(2A)5 | DC\_1A\_n77A  DC\_21A\_n77A |
| DC\_1A-21A\_n78A5  DC\_1A-21A\_n78C5 | DC\_1A\_n78A  DC\_21A\_n78A |
| DC\_1A-21A\_n78(2A)5 | DC\_1A\_n78A  DC\_21A\_n78A |
| DC\_1A-21A\_n79A5  DC\_1A-21A\_n79C5 | DC\_1A\_n79A  DC\_21A\_n79A |
| DC\_1A-28A\_n3A | DC\_1A\_n3A  DC\_28A\_n3A |
| DC\_1A-28A\_n5A6 | DC\_1A\_n5A  DC\_28A\_n5A |
| DC\_1A-28A\_n7A  DC\_1A-28A\_n7B | DC\_1A\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_28A\_n7B |
| DC\_1A-1A-28A\_n7A  DC\_1A-1A-28A\_n7B | DC\_1A\_n7A  DC\_28A\_n7A  DC\_1A\_n7B  DC\_28A\_n7B |
| DC\_1A\_n28A-n40A | DC\_1A\_n28A  DC\_1A\_n40A |
| DC\_1A-28A\_n40A | DC\_1A\_n40A  DC\_28A\_n40A |
| DC\_1A\_n28A-n41A5 | DC\_1A\_n28A  DC\_1A\_n41A |
| DC\_1A\_n28A-n75A | DC\_1A\_n28A |
| DC\_1A-28A\_n77A5  DC\_1A-28A\_n77C5 | DC\_1A\_n77A  DC\_28A\_n77A |
| DC\_1A-28A\_n78A5  DC\_1A-28A\_n78C5 | DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-1A-28A\_n78A | DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A\_n28A-n77A5 | DC\_1A\_n28A  DC\_1A\_n77A |
| DC\_1A\_n28A-n77(2A)5 | DC\_1A\_n28A  DC\_1A\_n77A |
| DC\_1A\_n28A-n78A5 | DC\_1A\_n28A  DC\_1A\_n78A |
| DC\_1A\_n28A-n78(2A)5 | DC\_1A\_n28A  DC\_1A\_n78A |
| DC\_1A-28A\_n79A5  DC\_1A-28A\_n79C5 | DC\_1A\_n79A  DC\_28A\_n79A |
| DC\_1A\_n28A-n79A5 | DC\_1A\_n28A  DC\_1A\_n79A |
| DC\_1A-32A\_n3A | DC\_1A\_n3A |
| DC\_1A-32A\_n8A | DC\_1A\_n8A |
| DC\_1A-32A\_n28A | DC\_1A\_n28A |
| DC\_1A-32A\_n78A  DC\_1A-32A\_n78C | DC\_1A\_n78A |
| DC\_1A-32A\_n78(2A) | DC\_1A\_n78A |
| DC\_1A-38A\_n3A | DC\_1A\_n3A |
| DC\_1A-38A\_n8A | DC\_1A\_n8A  DC\_38A\_n8A |
| DC\_1A-38A\_n28A | DC\_1A\_n28A  DC\_38A\_n28A |
| DC\_1A-(n)38AA | DC\_1A\_n38A |
| DC\_1A\_n38A-n78A | DC\_1A\_n38A  DC\_1A\_n78A |
| DC\_1A-38A\_n78A | DC\_1A\_n78A |
| DC\_1A-38A\_n78(2A) | DC\_1A\_n78A |
| DC\_1A-40A\_n78A  DC\_1A-40C\_n78A | DC\_1A\_n78A  DC\_40A\_n78A |
| DC\_1A-40A\_n78(2A)  DC\_1A-40C\_n78(2A) | DC\_1A\_n78A  DC\_40A\_n78A |
| DC\_1A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A |
| DC\_1A\_n40A-n78(2A) | DC\_1A\_n40A  DC\_1A\_n78A |
| DC\_1A-41A\_n3A5  DC\_1A-41C\_n3A5 | DC\_1A\_n3A  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_1A-41A\_n28A5  DC\_1A-41C\_n28A5 | DC\_1A\_n28A  DC\_41A\_n28A  DC\_41C\_n28A |
| DC\_1A-(n)41AA  DC\_1A-(n)41CA  DC\_1A-(n)41DA | DC\_1A\_n41A |
| DC\_1A-41A\_n41A  DC\_1A-41C\_n41A | DC\_1A\_n41A |
| DC\_1A-41A\_n77A  DC\_1A-41C\_n77A | DC\_1A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A-41A\_n77(2A)  DC\_1A-41C\_n77(2A) | DC\_1A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A |
| DC\_1A\_n41A-n77(2A) | DC\_1A\_n41A  DC\_1A\_n77A |
| DC\_1A-41A\_n78A  DC\_1A-41C\_n78A | DC\_1A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A |
| DC\_1A\_n41A-n78(2A) | DC\_1A\_n41A  DC\_1A\_n78A |
| DC\_1A-41A\_n78(2A)  DC\_1A-41C\_n78(2A) | DC\_1A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A-41A\_n79A5  DC\_1A-41C\_n79A5 | DC\_1A\_n79A |
| DC\_1A-42A\_n3A5 | DC\_1A\_n3A  DC\_42A\_n3A |
| DC\_1A-42C\_n3A5 | DC\_1A\_n3A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-42A\_n28A5 | DC\_1A\_n28A  DC\_42A\_n28A |
| DC\_1A-42C\_n28A5 | DC\_1A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-42A\_n77A15,16  DC\_1A-42A\_n77C15,16  DC\_1A-42C\_n77A15,16  DC\_1A-42C\_n77C15,16  DC\_1A-42D\_n77A15,16  DC\_1A-42D\_n77C15,16  DC\_1A-42E\_n77A15,16  DC\_1A-42E\_n77C15,16 | DC\_1A\_n77A |
| DC\_1A-42A\_n77(2A)15,16  DC\_1A-42C\_n77(2A)15,16 | DC\_1A\_n77A |
| DC\_1A-42A\_n78A15,16  DC\_1A-42A\_n78C15,16  DC\_1A-42C\_n78A15,16  DC\_1A-42C\_n78C15,16  DC\_1A-42D\_n78A15,16  DC\_1A-42D\_n78C15,16  DC\_1A-42E\_n78A15,16  DC\_1A-42E\_n78C15,16 | DC\_1A\_n78A |
| DC\_1A-42A\_n79A  DC\_1A-42A\_n79C  DC\_1A-42C\_n79A  DC\_1A-42C\_n79C  DC\_1A-42D\_n79A  DC\_1A-42D\_n79C  DC\_1A-42E\_n79A  DC\_1A-42E\_n79C | DC\_1A\_n79A |
| DC\_1A\_n75A-n78A  DC\_1A\_n75A-n78(2A) | DC\_1A\_n78A |
| DC\_1A\_n77A-n79A  DC\_1A\_n77(2A)-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A\_SUL\_n77A-n80A | DC\_1A\_n77A  DC\_1A\_n80A |
| DC\_1A\_SUL\_n77A-n84A | DC\_1A\_n77A  DC\_1A\_n84A\_ULSUP-TDM\_n77A |
| DC\_1A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A\_SUL\_n78A-n80A | DC\_1A\_n78A  DC\_1A\_n80A |
| DC\_1A\_SUL\_n78A-n84A5 | DC\_1A\_n78A,  DC\_1A\_n84A\_ULSUP-TDM\_n78A |
| DC\_1A\_SUL\_n79A-n84A | DC\_1A\_n79A,  DC\_1A\_n84A\_ULSUP-TDM\_n79A |
| DC\_2A\_n2A-n38A | DC\_2A\_n38A |
| DC\_2A\_n2A-n41A | DC\_2A\_n41A |
| DC\_2A\_n2A-n66A | DC\_2A\_n66A |
| DC\_2A\_n2A-n71A | DC\_2A\_n71A |
| DC\_2A\_n2A-n77A14  DC\_2A\_n2A-n77C14 | DC\_2A\_n77A14 |
| DC\_2A\_n2A-n78A | DC\_2A\_n78A |
| DC\_2A-4A\_n28A | DC\_2A\_n28A  DC\_4A\_n28A |
| DC\_2A-4A\_n38A | DC\_2A\_n38A  DC\_4A\_n38A |
| DC\_2A-4A\_n41A | DC\_2A\_n41A  DC\_4A\_n41A |
| DC\_2A-5A\_n2A | DC\_5A\_n2A  DC\_2A\_n2A2 |
| DC\_2A-5B\_n2A | DC\_5A\_n2A |
| DC\_2A-5A-5A\_n2A | DC\_5A\_n2A |
| DC\_2A-5A\_n5A | DC\_2A\_n5A |
| DC\_2A-2A-5A\_n5A | DC\_2A\_n5A |
| DC\_2A-(n)5AA | DC\_2A\_n5A  DC\_(n)5AA2 |
| DC\_2A-2A-(n)5AA | DC\_2A\_n5A  DC\_(n)5AA2 |
| DC\_2A-5A\_n7A | DC\_2A\_n7A  DC\_5A\_n7A |
| DC\_2A-5A\_n12A | DC\_2A\_n12A DC\_5A\_n12A |
| DC\_2A-5A\_n30A | DC\_2A\_n30A  DC\_5A\_n30A |
| DC\_2A-2A-5A\_n30A | DC\_2A\_n30A  DC\_5A\_n30A |
| DC\_2A-5A\_n48A  DC\_2A-5A\_n48B | DC\_2A\_n48A  DC\_5A\_n48A |
| DC\_2A-5A\_n66A  DC\_2A-5B\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A-5A\_n66A  DC\_2A-2A-5A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A |
| DC\_2A-5A\_n71A | DC\_2A\_n71A  DC\_5A\_n71A |
| DC\_2A-5A\_n77A14  DC\_2A-5A\_n77C14 | DC\_2A\_n77A14  DC\_5A\_n77A14 |
| DC\_2A-5A\_n77(2A) | DC\_2A\_n77A  DC\_5A\_n77A |
| DC\_2A-2A-5A\_n77A14  DC\_2A-2A-5A\_n77C14 | DC\_2A\_n77A14  DC\_5A\_n77A14 |
| DC\_2A-5A\_n78A | DC\_2A\_n78A  DC\_5A\_n78A |
| DC\_2A-5A\_n78(2A) | DC\_2A\_n78A  DC\_5A\_n78A |
| DC\_2A-7A\_n2A | DC\_7A\_n2A |
| DC\_2A-7A\_n5A  DC\_2A-7C\_n5A | DC\_2A\_n5A  DC\_7A\_n5A |
| DC\_2A-7A-7A\_n5A | DC\_2A\_n5A  DC\_7A\_n5A |
| DC\_2A-7A\_n7A | DC\_2A\_n7A DC\_7A\_n7A2 |
| DC\_2A-7A\_n25A15, 16  DC\_2A-7A-7A\_n25A15, 16  DC\_2A-7C\_n25A15, 16 | DC\_7A\_n25A |
| DC\_2A-7A\_n28A  DC\_2A-7C\_n28A | DC\_2A\_n28A  DC\_7A\_n28A |
| DC\_2A\_n5A-n77A14  DC\_2A-2A\_n5A-n77A14  DC\_2A\_n5A-n77C14  DC\_2A-2A\_n5A-n77C14 | DC\_2A\_n5A  DC\_2A\_n77A14 |
| DC\_2A-7A\_n38A | 2A8 |
| DC\_2A-2A-7A\_n38A | 2A8 |
| DC\_2A-7A\_n66A  DC\_2A-7C\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-2A-7C\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-7A-7A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-2A-7A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-2A-7A-7A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A\_n7A-n66A | DC\_2A\_n7A  DC\_7A\_n66A |
| DC\_2A\_n7(2A)-n66A | DC\_7A\_n66A |
| DC\_2A-7A\_n71A | DC\_2A\_n71A  DC\_7A\_n71A |
| DC\_2A-2A-7A\_n71A | DC\_2A\_n71A  DC\_7A\_n71A |
| DC\_2A-7A\_n77A  DC\_2A-7C\_n77A | DC\_2A\_n77A  DC\_7A\_n77A |
| DC\_2A-7A-7A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A |
| DC\_2A-7A\_n77(2A)  DC\_2A-7C\_n77(2A) | DC\_2A\_n77A  DC\_7A\_n77A |
| DC\_2A-7A-7A\_n77(2A) | DC\_2A\_n77A  DC\_7A\_n77A |
| DC\_2A-7A\_n78A  DC\_2A-7C\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_2A-7A\_n78(2A)  DC\_2A-7C\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_2A-2A-7A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A\_n7A-n78A | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A\_n7(2A)-n78A | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A\_n7A-n78(2A) | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A\_n7(2A)-n78(2A) | DC\_2A\_n7A  DC\_2A\_n78A |
| DC\_2A-7A-7A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A-7A-7A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A-8A\_n2A | DC\_2A\_n2A2  DC\_8A\_n2A |
| DC\_2A-12A\_n2A | DC\_12A\_n2A |
| DC\_2A-12A\_n5A | DC\_2A\_n5A  DC\_12A\_n5A |
| DC\_2A-2A-12A\_n5A | DC\_2A\_n5A  DC\_12A\_n5A |
| DC\_2A-12A\_n7A | DC\_2A\_n7A  DC\_12A\_n7A |
| DC\_2A-12A\_n7(2A) | DC\_2A\_n7A  DC\_12A\_n7A |
| DC\_2A-(n)12AA | DC\_2A\_n12A  DC\_(n)12AA2 |
| DC\_2A-12A\_n30A | DC\_2A\_n30A  DC\_12A\_n30A |
| DC\_2A-2A-12A\_n30A | DC\_2A\_n30A  DC\_12A\_n30A |
| DC\_2A-12A\_n41A | DC\_2A\_n41A  DC\_12A\_n41A |
| DC\_2A-2A-12A\_n41A | DC\_2A\_n41A  DC\_12A\_n41A |
| DC\_2A-12A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A |
| DC\_2A-2A-12A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A |
| DC\_2A-12A\_n77A14  DC\_2A-2A-12A\_n77A14 | DC\_2A\_n77A14  DC\_12A\_n77A14 |
| DC\_2A-12A\_n77(2A) | DC\_2A\_n77A  DC\_12A\_n77A |
| DC\_2A-13A\_n2A | DC\_13A\_n2A |
| DC\_2A-12A\_n78A | DC\_2A\_n78A  DC\_12A\_n78A |
| DC\_2A-12A\_n78(2A) | DC\_2A\_n78A  DC\_12A\_n78A |
| DC\_2A-2A-12A\_n78A | DC\_2A\_n78A  DC\_12A\_n78A |
| DC\_2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-13A\_n25A16,20 | DC\_13A\_n25A |
| DC\_2A-13A\_n48A  DC\_2A-13A\_n48B | DC\_2A\_n48A  DC\_13A\_n48A |
| DC\_2A-13A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-2A-13A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-13A\_n77A14  DC\_2A-13A\_n77C14  DC\_2A-2A-13A\_n77C14 | DC\_2A\_n77A14  DC\_13A\_n77A14 |
| DC\_2A-2A-13A\_n77A | DC\_2A\_n77A14  DC\_13A\_n77A14 |
| DC\_2A-14A\_n2A | DC\_2A\_n2A2  DC\_14A\_n2A |
| DC\_2A-14A\_n5A | DC\_2A\_n5A  DC\_14A\_n5A |
| DC\_2A-2A-14A\_n5A | DC\_2A\_n5A  DC\_14A\_n5A |
| DC\_2A-14A\_n30A | DC\_2A\_n30A  DC\_14A\_n30A |
| DC\_2A-2A-14A\_n30A | DC\_2A\_n30A  DC\_14A\_n30A |
| DC\_2A-14A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A |
| DC\_2A-2A-14A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A |
| DC\_2A-14A\_n77A14  DC\_2A-2A-14A\_n77A14 | DC\_2A\_n77A14  DC\_14A\_n77A14 |
| DC\_2A-14A\_n77(2A) | DC\_2A\_n77A  DC\_14A\_n77A |
| DC\_2A\_n25A-n66A | DC\_2A\_n66A |
| DC\_2A-28A\_n7A | DC\_2A\_n7A  DC\_28A\_n7A |
| DC\_2A-28A\_n66A | DC\_2A\_n66A  DC\_28A\_n66A |
| DC\_2A-28A\_n78A | DC\_2A\_n78A  DC\_28A\_n78A |
| DC\_2A-29A\_n30A | DC\_2A\_n30A |
| DC\_2A-2A-29A\_n30A | DC\_2A\_n30A |
| DC\_2A-29A\_n66A | DC\_2A\_n66A |
| DC\_2A-2A-29A\_n66A | DC\_2A\_n66A |
| DC\_2A-29A\_n77A14  DC\_2A-2A-29A\_n77A14 | DC\_2A\_n77A14 |
| DC\_2A-29A\_n78A | DC\_2A\_n78A |
| DC\_2A-30A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A |
| DC\_2A-30A\_n2A | DC\_2A\_n2A2  DC\_30A\_n2A |
| DC\_2A-2A-30A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A |
| DC\_2A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A |
| DC\_2A-2A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A |
| DC\_2A-30A\_n77A14  DC\_2A-2A-30A\_n77A14 | DC\_2A\_n77A14  DC\_30A\_n77A14 |
| DC\_2A-30A\_n77(2A) | DC\_2A\_n77A  DC\_30A\_n77A |
| DC\_2A\_n38A-n66A | DC\_2A\_n38A  DC\_2A\_n66A |
| DC\_2A\_n38A-n71A | DC\_2A\_n38A  DC\_2A\_n71A |
| DC\_2A-38A\_n78A | DC\_2A\_n78A  DC\_38A\_n78A |
| DC\_2A\_n38A-n78A | DC\_2A\_n38A  DC\_2A\_n78A |
| DC\_2A\_n41A-n66A  DC\_2A\_n41C-n66A | DC\_2A\_n41A  DC\_2A\_n66A |
| DC\_2A\_n41(2A)-n66A | DC\_2A\_n41A  DC\_2A\_n66A |
| DC\_2A\_n41A-n71A  DC\_2A\_n41C-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A\_n41(2A)-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A-46A\_n2A3  DC\_2A-46C\_n2A3  DC\_2A-46D\_n2A3  DC\_2A-46E\_n2A3 | DC\_2A\_n2A2 |
| DC\_2A-46A\_n5A3  DC\_2A-46C\_n5A3  DC\_2A-46D\_n5A3  DC\_2A-46E\_n5A3  DC\_2A-2A-46A\_n5A3  DC\_2A-2A-46C\_n5A3  DC\_2A-2A-46D\_n5A3 | DC\_2A\_n5A |
| DC\_2A-46A\_n41A  DC\_2A-46C\_n41A  DC\_2A-46D\_n41A | DC\_2A\_n41A |
| DC\_2A-46A\_n41(2A)  DC\_2A-46C\_n41(2A)  DC\_2A-46D\_n41(2A) | DC\_2A\_n41A |
| DC\_2A-46A\_n66A  DC\_2A-46C\_n66A  DC\_2A-46D\_n66A  DC\_2A-46E\_n66A | DC\_2A\_n66A |
| DC\_2A-46A\_n71A  DC\_2A-46C\_n71A  DC\_2A-46D\_n71A | DC\_2A\_n71A |
| DC\_2A-46A\_n77A | DC\_2A\_n77A |
| DC\_2A-46A-46A\_n77A | DC\_2A\_n77A |
| DC\_2A-48A\_n2A  DC\_2A-48C\_n2A  DC\_2A-48D\_n2A  DC\_2A-48E\_n2A | DC\_2A\_n2A2  DC\_48A\_n2A21 |
| DC\_2A-48A\_n5A | DC\_2A\_n5A  DC\_48A\_n5A |
| DC\_2A-48C\_n5A  DC\_2A-48D\_n5A  DC\_2A-48E\_n5A | DC\_2A\_n5A |
| DC\_2A\_n48A-n66A | DC\_2A\_n48A  DC\_2A\_n66A |
| DC\_2A-48A\_n71A | DC\_2A\_n71A  DC\_48A\_n71A |
| DC\_2A-48A\_n12A | DC\_2A\_n12A  DC\_48A\_n12A |
| DC\_2A-48A\_n48A | DC\_2A\_n48A |
| DC\_2A-48A\_n66A  DC\_2A-48C\_n66A  DC\_2A-48D\_n66A  DC\_2A-48E\_n66A | DC\_2A\_n66A  DC\_48A\_n66A |
| DC\_2A-48A\_n77A14,15,16 | DC\_2A\_n77A14 |
| DC\_2A-48A-48A\_n77A14,15,16 | DC\_2A\_n77A  DC\_48A\_n77A |
| DC\_2A-48A-48A-48A\_n77A14,15,16 | DC\_2A\_n77A  DC\_48A\_n77A |
| DC\_2A-48C\_n77A14,15,16  DC\_2A-48D\_n77A14,15,16  DC\_2A-48E\_n77A14,15,16  DC\_2A-48A\_n77C14,15,16  DC\_2A-48C\_n77C14,15,16  DC\_2A-48D\_n77C14,15,16 | DC\_2A\_n77A14 |
| DC\_2A-66A\_n2A | DC\_2A\_n2A2  DC\_66A\_n2A |
| DC\_2A-66A-66A\_n2A | DC\_66A\_n2A |
| DC\_2A-66A\_n5A  DC\_2A-66B\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-66A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-66A\_n7A | DC\_2A\_n7A  DC\_66A\_n7A |
| DC\_2A-66A-66A\_n7A | DC\_2A\_n7A  DC\_66A\_n7A |
| DC\_2A-66A\_n12A | DC\_2A\_n12A  DC\_66A\_n12A |
| DC\_2A-66A\_n25A16,20 | DC\_66A\_n25A |
| DC\_2A-66A\_n28A | DC\_2A\_n28A  DC\_66A\_n28A |
| DC\_2A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-66A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-66A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-66A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A |
| DC\_2A-2A-66A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A |
| DC\_2A-66A-66A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A |
| DC\_2A-66A\_n41A14  DC\_2A-66A\_n41C  DC\_2C-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A14 |
| DC\_2A-66A\_n41(2A) | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-2A-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-66A\_n48A | DC\_2A\_n48A  DC\_66A\_n48A |
| DC\_2A-66A\_n48B | DC\_2A\_n48A  DC\_66A\_n48A |
| DC\_2A-66A-66A\_n48A | DC\_2A\_n48A  DC\_66A\_n48A |
| DC\_2A-66A-66A\_n48B | DC\_2A\_n48A  DC\_66A\_n48A |
| DC\_2A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A2 |
| DC\_2A-66A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A2 |
| DC\_2A-(n)66AA | DC\_2A\_n66A |
| DC\_2A-2A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A2 |
| DC\_2A-2A-66A-66A\_n66A | DC\_2A\_n66A |
| DC\_2A-66A\_n71A  DC\_2A-66A\_n71B  DC\_2A-66C\_n71A  DC\_2C-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-2A-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-66A-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-2A-66A-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A\_n66A-n71A | DC\_2A\_n66A  DC\_2A\_n71A |
| DC\_2A-66A\_n77A14  DC\_2A-66A\_n77C14 | DC\_2A\_n77A14  DC\_66A\_n77A14 |
| DC\_2A-66A\_n77(2A) | DC\_2A\_n77A  DC\_66A\_n77A |
| DC\_2A-2A-66A\_n77A14  DC\_2A-2A-66A\_n77C14 | DC\_2A\_n77A14  DC\_66A\_n77A14 |
| DC\_2A-66A-66A\_n77A14  DC\_2A-66A-66A\_n77C14 | DC\_2A\_n77A14  DC\_66A\_n77A14 |
| DC\_2A-2A-66A-66A\_n77A14  DC\_2A-2A-66A-66A\_n77C14 | DC\_2A\_n77A14  DC\_66A\_n77A14 |
| DC\_2A\_n66A-n77A14  DC\_2A\_n66A-n77C14  DC\_2A-2A\_n66A-n77A14  DC\_2A-2A\_n66A-n77C14 | DC\_2A\_n77A14  DC\_2A\_n66A |
| DC\_2A-66A\_n78A  DC\_2A-2A-66A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A-66A\_n78(2A) | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A\_n66A-n78A  DC\_2A-2A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A |
| DC\_2A\_n66A-n78(2A) | DC\_2A\_n66A  DC\_2A\_n78A |
| DC\_2A\_n66(2A)-n78A | DC\_2A\_n66A  DC\_2A\_n78A |
| DC\_2A\_n66(2A)-n78(2A) | DC\_2A\_n66A  DC\_2A\_n78A |
| DC\_2A-66A-66A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A-66A-66A\_n78(2A) | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A-71A\_n2A | DC\_71A\_n2A |
| DC\_2A-71A\_n38A | DC\_71A\_n38A  DC\_2A\_n38A |
| DC\_2A-2A-71A\_n38A | DC\_71A\_n38A  DC\_2A\_n38A |
| DC\_2A-71A\_n41A | DC\_2A\_n41A  DC\_71A\_n41A |
| DC\_2A-2A-71A\_n41A | DC\_2A\_n41A  DC\_71A\_n41A |
| DC\_2A-71A\_n66A | DC\_2A\_n66A  DC\_71A\_n66A |
| DC\_2A-2A-71A\_n66A | DC\_2A\_n66A  DC\_71A\_n66A |
| DC\_2A-71A\_n71A | DC\_2A\_n71A |
| DC\_2A-71A\_n78A  DC\_2A-71A\_n78(2A) | DC\_71A\_n78A  DC\_2A\_n78A |
| DC\_2A-2A-71A\_n78A | DC\_71A\_n78A  DC\_2A\_n78A |
| DC\_2A\_n71A-n78A | DC\_2A\_n71A  DC\_2A\_n78A |
| DC\_2A-(n)71AA | DC\_2A\_n71A  DC\_(n)71AA |
| DC\_3A\_n1A-n7A | DC\_3A\_n1A  DC\_3A\_n7A |
| DC\_3C\_n1A-n7A | DC\_3A\_n1A  DC\_3A\_n7A  DC\_3C\_n1A  DC\_3C\_n7A |
| DC\_3A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A |
| DC\_3A-3A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A |
| DC\_3A\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A |
| DC\_3C\_n1A-n28A | DC\_3A\_n1A  DC\_3A\_n28A  DC\_3C\_n1A |
| DC\_3A\_n1A-n38A | DC\_3A\_n1A DC\_3A\_n38A |
| DC\_3A\_n1A-n40A | DC\_3A\_n1A  DC\_3A\_n40A |
| DC\_3A\_n1A-n41A | DC\_3A\_n1A DC\_3A\_n41A |
| DC\_3A\_n1A-n77A5 | DC\_3A\_n1A  DC\_3A\_n77A |
| DC\_3A\_n1A-n78A5  DC\_3C\_n1A-n78A5 | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A\_n1A-n78(2A)5  DC\_3C\_n1A-n78(2A)5 | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A-3A\_n1A-n78A5 | DC\_3A\_n1A  DC\_3A\_n78A |
| DC\_3A\_n1A-n79A5 | DC\_3A\_n1A  DC\_3A\_n79A |
| DC\_3A\_n3A-n41A | DC\_3A\_n41A  DC\_3A\_n3A2 |
| DC\_3A\_n3A-n77A5 | DC\_3A\_n77A  DC\_3A\_n3A2 |
| DC\_3A\_n3A-n78A5 | DC\_3A\_n78A  DC\_3A\_n3A2 |
| DC\_3A\_n5A-n40A | DC\_3A\_n5A  DC\_3A\_n40A |
| DC\_3A-5A\_n77A | DC\_3A\_n77A  DC\_5A\_n77A |
| DC\_3A-5A\_n77(2A) | DC\_3A\_n77A  DC\_5A\_n77A |
| DC\_3A-5A\_n78A5  DC\_3C-5A\_n78A  DC\_3A-5A\_n78C5 | DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_3A-5A\_n78(2A)5 | DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_3A\_n5A-n78A5, 14  DC\_3C\_n5A-n78A5, 14 | DC\_3A\_n5A  DC\_3A\_n78A14  DC\_3C\_n78A14 |
| DC\_3A-5A\_n79A5 | DC\_3A\_n79A  DC\_5A\_n79A |
| DC\_3A-7A\_n1A  DC\_3A-7C\_n1A  DC\_3C-7A\_n1A  DC\_3C-7C\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_7C\_n1A |
| DC\_3A-3A-7A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A |
| DC\_3A-7A-7A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A |
| DC\_3A-3A-7A-7A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A |
| DC\_3A-7A\_n3A  DC\_3A-7C\_n3A | DC\_3A\_n3A2  DC\_7A\_n3A |
| DC\_3A-7A\_n5A  DC\_3C-7A\_n5A  DC\_3A-7C\_n5A  DC\_3C-7C\_n5A | DC\_3A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A |
| DC\_3A-7A\_n7A  DC\_3C-7A\_n7A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A2 |
| DC\_3A-3A-7A\_n7A | DC\_3A\_n7A  DC\_7A\_n7A2 |
| DC\_3A-7A\_n8A | DC\_3A\_n8A  DC\_7A\_n8A |
| DC\_3A-3A-7A\_n8A | DC\_3A\_n8A  DC\_7A\_n8A |
| DC\_3A-7A-7A\_n8A | DC\_3A\_n8A  DC\_7A\_n8A |
| DC\_3A-3A-7A-7A\_n8A | DC\_3A\_n8A  DC\_7A\_n8A |
| DC\_3A-7A\_n28A  DC\_3A-7C\_n28A  DC\_3C-7A\_n28A  DC\_3C-7C\_n28A | DC\_3A\_n28A  DC\_3C\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_3A-7A\_n40A | DC\_3A\_n40A  DC\_7A\_n40A |
| DC\_3A-7A\_n77A5 | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-3A-7A\_n77A5 | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-7A-7A\_n77A5 | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-3A-7A-7A\_n77A5 | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-7A\_n77(2A) | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-7A-7A\_n77(2A) | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-7A\_n78A5,14  DC\_3C-7A\_n78A5,14  DC\_3A-7C\_n78A5,14  DC\_3C-7C\_n78A5,14  DC\_3A-7A\_n78C5 | DC\_3A\_n78A14  DC\_3C\_n78A14  DC\_7A\_n78A14  DC\_7C\_n78A14 |
| DC\_3A\_n7A-n28A  DC\_3C\_n7A-n28A | DC\_3A\_n7A  DC\_3A\_n28A  DC\_3C\_n7A |
| DC\_3A-7A\_n78(2A)5  DC\_3C-7A\_n78(2A)5  DC\_3A-7C\_n78(2A)5  DC\_3C-7C\_n78(2A)5 | DC\_3A\_n78A  DC\_7A\_n78A  DC\_3C\_n78A  DC\_7C\_n78A |
| DC\_3A-3A-7A\_n78A5, 14 | DC\_3A\_n78A14  DC\_7A\_n78A14 |
| DC\_3A-7A-7A\_n78A5, 14  DC\_3A-7A-7A\_n78C5 | DC\_3A\_n78A14  DC\_7A\_n78A14 |
| DC\_3A-7A-7A\_n78(2A)5 | DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_3A-3A-7A-7A\_n78A5, 14 | DC\_3A\_n78A14  DC\_7A\_n78A14 |
| DC\_3A\_n7A-n78A5  DC\_3A\_n7B-n78A5  DC\_3C\_n7A-n78A5  DC\_3C\_n7B-n78A5 | DC\_3A\_n7A  DC\_3C\_n7A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A-3A\_n7A-n78A5  DC\_3A-3A\_n7B-n78A5 | DC\_3A\_n7A  DC\_3A\_n7B  DC\_3A\_n78A |
| DC\_3A\_n7A-n78(2A)5  DC\_3C\_n7A-n78(2A)5 | DC\_3A\_n7A  DC\_3A\_n78A  DC\_3C\_n7A  DC\_3C\_n78A |
| DC\_3A-8A\_n1A  DC\_3C-8A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A |
| DC\_3A-3A-8A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A |
| DC\_3A-3A\_n8A-n78A5 | DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_3A\_n8A-n40A | DC\_3A\_n8A  DC\_3A\_n40A |
| DC\_3A-8A\_n28A  DC\_3C-8A\_n28A | DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_3A-8A\_n40A | DC\_3A\_n40A  DC\_8A\_n40A |
| DC\_3A-8A\_n77A5  DC\_3C-8A\_n77A | DC\_3A\_n77A  DC\_3C\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n77(2A) 5  DC\_3C-8A\_n77(2A) | DC\_3A\_n77A  DC\_3C\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n77(3A) 5 | DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n78A5, 14  DC\_3C-8A\_n78A5 | DC\_3A\_n78A14  DC\_8A\_n78A14 |
| DC\_3A-8A\_n78(2A) | DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_3A-3A-8A\_n78A5, 14 | DC\_3A\_n78A14  DC\_8A\_n78A14 |
| DC\_3A-8A\_n79A5 | DC\_3A\_n79A  DC\_8A\_n79A |
| DC\_3A\_n8A-n78A5 | DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_3A-11A\_n28A | DC\_3A\_n28A  DC\_11A\_n28A |
| DC\_3A-11A\_n77A5 | DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_3A-11A\_n77(2A) 5 | DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_3A-11A\_n77(3A) 5 | DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_3A-18A\_n3A | DC\_3A\_n3A2  DC\_18A\_n3A |
| DC\_3A-18A\_n28A | DC\_3A\_n28A  DC\_18A\_n28A |
| DC\_3A-18A\_n41A | DC\_3A\_n41A  DC\_18A\_n41A |
| DC\_3A-18A\_n77A | DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_3A-18A\_n77(2A) | DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_3A-18A\_n78A | DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_3A-18A\_n78(2A) | DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_3A-18A\_n79A | DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_3A-19A\_n1A | DC\_3A\_n1A  DC\_19A\_n1A |
| DC\_3A-19A\_n77A5  DC\_3A-19A\_n77C5 | DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_3A-19A\_n77(2A)5 | DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_3A-19A\_n78A5  DC\_3A-19A\_n78C5 | DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_3A-19A\_n78(2A)5 | DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_3A-19A\_n79A5  DC\_3A-19A\_n79C5 | DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_3A-20A\_n1A  DC\_3C-20A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_20A\_n1A |
| DC\_3A-20A\_n7A  DC\_3C-20A\_n7A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_20A\_n7A |
| DC\_3A-20A\_n8A | DC\_3A\_n8A  DC\_20A\_n8A |
| DC\_3A-20A\_n28A5,6,16,20  DC\_3C-20A\_n28A5,6,16,20 | DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_3A-20A\_n41A | DC\_3A\_n41A  DC\_20A\_n41A |
| DC\_3C-20A\_n41A | DC\_3C\_n41A  DC\_20A\_n41A |
| DC\_3A-20A\_n38A | DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_3A\_n20A-n67A  DC\_3C\_n20A-n67A | DC\_3A\_n20A |
| DC\_3A-20A\_n78A5  DC\_3C-20A\_n78A5 | DC\_3A\_n78A  DC\_3C\_n78A  DC\_20A\_n78A |
| DC\_3A-20A\_n78(2A)5 | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_3A\_n20A-n78A | DC\_3A\_n20A  DC\_3A\_n78A |
| DC\_3A-21A\_n1A10,11 | DC\_3A\_n1A  DC\_21A\_n1A |
| DC\_3A-21A\_n28A13 | DC\_3A\_n28A  DC\_21A\_n28A |
| DC\_3A-21A\_n77A5  DC\_3A-21A\_n77C5 | DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_3A-21A\_n77(2A)5 | DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_3A-21A\_n78A5  DC\_3A-21A\_n78C5 | DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_3A-21A\_n78(2A)5 | DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_3A-21A\_n79A5  DC\_3A-21A\_n79C5 | DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_3A-28A\_n1A  DC\_3C-28A\_n1A | DC\_28A\_n1A  DC\_3A\_n1A |
| DC\_3A-28A\_n3A | DC\_3A\_n3A2  DC\_28A\_n3A |
| DC\_3A-28A\_n5A  DC\_3C-28A\_n5A | DC\_3A\_n5A  DC\_28A\_n5A |
| DC\_3A-28A\_n7A  DC\_3C-28A\_n7A  DC\_3A-28A\_n7B  DC\_3C-28A\_n7B | DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_3A\_n7B  DC\_28A\_n7B |
| DC\_3A-28A\_n40A | DC\_3A\_n40A  DC\_28A\_n40A |
| DC\_3A-3A-28A\_n7A  DC\_3A-3A-28A\_n7B | DC\_3A\_n7A  DC\_28A\_n7A  DC\_3A\_n7B  DC\_28A\_n7B |
| DC\_3A\_n28A-n40A | DC\_3A\_n28A  DC\_3A\_n40A |
| DC\_3A\_n28A-n41A5 | DC\_3A\_n28A  DC\_3A\_n41A |
| DC\_3A-28A\_n41A5 | DC\_3A\_n41A  DC\_28A\_n41A |
| DC\_3A\_n28A-n75A  DC\_3C\_n28A-n75A | DC\_3A\_n28A |
| DC\_3A-28A\_n77A5  DC\_3A-28A\_n77C5 | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A-28A\_n77(2A) 5 | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A\_n28A-n77A5 | DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_3A\_n28A-n77(2A)5 | DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_3A-28A\_n78A5, 14  DC\_3C-28A\_n78A5, 14  DC\_3A-28A\_n78C5 | DC\_3A\_n78A14  DC\_3C\_n78A14  DC\_28A\_n78A14 |
| DC\_3A-3A-28A\_n78A | DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3A\_n28A-n78A5, 14  DC\_3C\_n28A-n78A5, 14 | DC\_3A\_n28A  DC\_3A\_n78A14  DC\_3C\_n78A14 |
| DC\_3A\_n28A-n78(2A)5  DC\_3C\_n28A-n78(2A)5 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A-28A\_n79A5  DC\_3A-28A\_n79C5 | DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_3A\_n28A-n79A5 | DC\_3A\_n28A  DC\_3A\_n79A |
| DC\_3A-32A\_n1A  DC\_3C-32A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A |
| DC\_3A-32A\_n28A  DC\_3C-32A\_n28A | DC\_3A\_n28A |
| DC\_3A-32A\_n78A  DC\_3C-32A\_n78A  DC\_3A-32A\_n78C | DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A-32A\_n78(2A) | DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_3A-38A\_n28A  DC\_3C-38A\_n28A | DC\_3A\_n28A  DC\_38A\_n28A |
| DC\_3A-38A\_n78A | DC\_3A\_n78A |
| DC\_3A-38A\_n78(2A) | DC\_3A\_n78A |
| DC\_3A\_n38A-n78A | DC\_3A\_n38A  DC\_3A\_n78A |
| DC\_3C-38A\_n78A | DC\_3A\_n78A  DC\_3C\_n78A  DC\_38A\_n78A |
| DC\_3A-40A\_n1A  DC\_3A-40C\_n1A | DC\_3A\_n1A  DC\_40A\_n1A |
| DC\_3A\_n40A-n41A | DC\_3A\_n40A  DC\_3A\_n41A |
| DC\_3A-40A\_n78A  DC\_3A-40C\_n78A | DC\_3A\_n78A  DC\_40A\_n78A |
| DC\_3A-40A\_n78(2A)  DC\_3A-40C\_n78(2A) | DC\_3A\_n78A  DC\_40A\_n78A |
| DC\_3A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_3A\_n40A-n79A | DC\_3A\_n40A  DC\_3A\_n79A |
| DC\_3A-41A\_n3A  DC\_3A-41C\_n3A | DC\_3A\_n3A2  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_3A-41A\_n28A5 | DC\_3A\_n28A  DC\_41A\_n28A |
| DC\_3A-41C\_n28A5 | DC\_3A\_n28A  DC\_41A\_n28A  DC\_41C\_n28A |
| DC\_3A-41A\_n41A  DC\_3A-41C\_n41A  DC\_3A-41D\_n41A | DC\_3A\_n41A |
| DC\_3A-(n)41AA  DC\_3A-(n)41CA  DC\_3A-(n)41DA | DC\_3A\_n41A  DC\_(n)41AA |
| DC\_3A-41A\_n77A  DC\_3A-41C\_n77A | DC\_3A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_3A-41A\_n77(2A)  DC\_3A-41C\_n77(2A) | DC\_3A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_3A-41A\_n78A  DC\_3A-41C\_n78A | DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_3A\_n41A-n78A | DC\_3A\_n41A  DC\_3A\_n78A |
| DC\_3A\_n41A-n78(2A) | DC\_3A\_n41A  DC\_3A\_n78A |
| DC\_3A-41A\_n78(2A)  DC\_3A-41C\_n78(2A) | DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_3A-42A\_n1A5  DC\_3A-42C\_n1A5 | DC\_3A\_n1A  DC\_42A\_n1A |
| DC\_3A-42A\_n28A5 | DC\_3A\_n28A  DC\_42A\_n28A |
| DC\_3A-42C\_n28A5 | DC\_3A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_3A-41A\_n79A5  DC\_3A-41C\_n79A5 | DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_3A\_n41A-n77A | DC\_3A\_n41A  DC\_3A\_n77A |
| DC\_3A\_n41A-n77(2A) | DC\_3A\_n41A  DC\_3A\_n77A |
| DC\_3A\_n41A-n79A5 | DC\_3A\_n41A  DC\_3A\_n79A |
| DC\_3A\_SUL\_n41A-n80A  DC\_3C\_SUL\_n41A-n80A | DC\_3A\_n41A  DC\_3C\_n41A  DC\_3A\_n80A\_ULSUP-TDM\_n41A  DC\_3C\_n80A\_ULSUP-TDM\_n41A |
| DC\_3A-42A\_n77A15,16  DC\_3A-42A\_n77C15,16  DC\_3A-42C\_n77A15,16  DC\_3A-42C\_n77C15,16  DC\_3A-42D\_n77A15,16  DC\_3A-42D\_n77C15,16  DC\_3A-42E\_n77A15,16  DC\_3A-42E\_n77C15,16 | DC\_3A\_n77A |
| DC\_3A-42A\_n77(2A)15,16  DC\_3A-42C\_n77(2A)15,16 | DC\_3A\_n77A |
| DC\_3A-42A\_n78A15,16  DC\_3A-42A\_n78C15,16  DC\_3A-42C\_n78A15,16  DC\_3A-42C\_n78C15,16  DC\_3A-42D\_n78A15,16  DC\_3A-42D\_n78C15,16  DC\_3A-42E\_n78A15,16  DC\_3A-42E\_n78C15,16 | DC\_3A\_n78A |
| DC\_3A-42A\_n79A  DC\_3A-42A\_n79C  DC\_3A-42C\_n79A  DC\_3A-42C\_n79C  DC\_3A-42D\_n79A  DC\_3A-42D\_n79C  DC\_3A-42E\_n79A  DC\_3A-42E\_n79C | DC\_3A\_n79A |
| DC\_3A\_n75A-n78A | DC\_3A\_n78A |
| DC\_3A\_n75A-n78(2A) | DC\_3A\_n78A |
| DC\_3A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_3A\_n78A-n79A  DC\_3A\_n78A-n79C | DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_3A\_SUL\_n77A-n80A | DC\_3A\_n77A  DC\_3A\_n80A\_ULSUP-TDM\_n77A |
| DC\_3A\_SUL\_n77A-n84A | DC\_3A\_n77A  DC\_3A\_n84A |
| DC\_3A\_SUL\_n78A-n80A5  DC\_3C\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A |
| DC\_3A\_SUL\_n78A-n82A5 | DC\_3A\_n78A  DC\_3A\_n82A |
| DC\_3A\_SUL\_n78A-n84A | DC\_3A\_n78A  DC\_3A\_n84A |
| DC\_3A\_SUL\_n79A-n80A5 | DC\_3A\_n79A  DC\_3A\_n80A\_ULSUP-TDM\_n79A |
| DC\_4A-7A\_n28A | DC\_4A\_n28A  DC\_7A\_n28A |
| DC\_5A\_n1A-n78A | DC\_5A\_n1A DC\_5A\_n78A |
| DC\_5A\_n2A-n77A14  DC\_5A\_n2A-n77C14 | DC\_5A\_n77A14  DC\_5A\_n2A |
| DC\_5A\_n2A-n78A | DC\_5A\_n2A  DC\_5A\_n78A |
| DC\_5A\_n3A-n78A | DC\_5A\_n3A  DC\_5A\_n78A |
| DC\_5A\_n5A-n77A14  DC\_5A\_n5A-n77C14 | DC\_5A\_n77A14 |
| DC\_5A-7A\_n2A | DC\_7A\_n2A |
| DC\_5A-7A\_n7A | DC\_5A\_n7A DC\_7A\_n7A2 |
| DC\_5A-7A\_n66A  DC\_5A-7C\_n66A | DC\_5A\_n66A  DC\_7A\_n66A |
| DC\_5A-7A-7A\_n66A | DC\_5A\_n66A  DC\_7A\_n66A |
| DC\_5A-7A\_n77A | DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_5A-7A-7A\_n77A | DC\_5A\_n71A  DC\_7A\_n71A |
| DC\_5A-7A\_n77(2A) | DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_5A-7A-7A\_n77(2A) | DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_5A-7A\_n78A  DC\_5A-7A\_n78C  DC\_5A-7C\_n78A | DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_5A-7A\_n78(2A) | DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_5A\_n7A-n78A | DC\_5A\_n7A  DC\_5A\_n78A |
| DC\_5A\_n7(2A)-n78A | DC\_5A\_n7A  DC\_5A\_n78A |
| DC\_5A\_n7A-n78(2A) | DC\_5A\_n7A  DC\_5A\_n78A |
| DC\_5A\_n7(2A)-n78(2A) | DC\_5A\_n7A  DC\_5A\_n78A |
| DC\_5A-7A-7A\_n78A  DC\_5A-7A-7A\_n78C | DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_5A-7A-7A\_n78(2A) | DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_5A-(n)12AA | DC\_5A\_n12A  DC\_(n)12AA2 |
| DC\_5A-13A\_n2A | DC\_5A\_n2A  DC\_13A\_n2A |
| DC\_5A-13A\_n66A | DC\_5A\_n66A  DC\_13A\_n66A |
| DC\_5A-13A\_n77A  DC\_5A-13A\_n77C | DC\_5A\_n77A  DC\_13A\_n77A |
| DC\_5A-30A\_n2A | DC\_5A\_n2A  DC\_30A\_n2A |
| DC\_5A-30A\_n66A | DC\_5A\_n66A  DC\_30A\_n66A |
| DC\_5A-30A\_n77A14 | DC\_5A\_n77A14  DC\_30A\_n77A14 |
| DC\_5A-30A\_n77(2A) | DC\_5A\_n77A  DC\_30A\_n77A |
| DC\_5A\_n38A-n66A | DC\_5A\_n38A  DC\_5A\_n66A |
| DC\_5A-41A\_n79A | DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_5A-46A\_n66A | DC\_5A\_n66A  DC\_46A\_n66A |
| DC\_5A-48A\_n5A | DC\_48A\_n5A |
| DC\_5A-48A\_n12A | DC\_5A\_n12A  DC\_48A\_n12A |
| DC\_5A-48A\_n71A | DC\_5A\_n71A  DC\_48A\_n71A |
| DC\_5A-48A\_n77A14,15,16  DC\_5A-48C\_n77A**14**,15,16  DC\_5A-48D\_n77A**14**,15,16  DC\_5A-48A\_n77C**14**,15,16  DC\_5A-48C\_n77C**14**,15,16  DC\_5A-48D\_n77C14**,15,16** | DC\_5A\_n77A14 |
| DC\_5A-66A\_n2A  DC\_5B-66A\_n2A  DC\_5A-66B\_n2A | DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_5A-5A-66A\_n2A | DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_5A-66A-66A\_n2A  DC\_5B-66A-66A\_n2A | DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_5A-5A-66A-66A\_n2A | DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_5A-66A\_n5A | DC\_66A\_n5A |
| DC\_5A-66A-66A\_n5A | DC\_66A\_n5A |
| DC\_5A-66A\_n7A | DC\_5A\_n7A  DC\_66A\_n7A |
| DC\_5A-66A-66A\_n7A | DC\_5A\_n7A  DC\_66A\_n7A |
| DC\_5A-66A\_n12A | DC\_5A\_n12A DC\_66A\_n12A |
| DC\_5A-66A\_n30A | DC\_5A\_n30A  DC\_66A\_n30A |
| DC\_5A-66A-66A\_n30A | DC\_5A\_n30A  DC\_66A\_n30A |
| DC\_5A-66A\_n48A  DC\_5A-66A\_n48B | DC\_5A\_n48A  DC\_66A\_n48A |
| DC\_5A-66A-66A\_n48A  DC\_5A-66A-66A\_n48B | DC\_5A\_n48A  DC\_66A\_n48A |
| DC\_5A-66A\_n66A  DC\_5B-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-5A-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-66A-66A\_n66A  DC\_5B-66A-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-5A-66A-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-66A\_n71A | DC\_5A\_n71A  DC\_66A\_n71A |
| DC\_5A-66A\_n77A14  DC\_5A-66A\_n77C14 | DC\_5A\_n77A14  DC\_66A\_n77A14 |
| DC\_5A-66A\_n77(2A) | DC\_5A\_n77A  DC\_66A\_n77A |
| DC\_5A-66A-66A\_n77A14  DC\_5A-66A-66A\_n77C14 | DC\_5A\_n77A14  DC\_66A\_n77A14 |
| DC\_5A\_n66A-n77A14  DC\_5A\_n66A-n77C14 | DC\_5A\_n66A  DC\_5A\_n77A14 |
| DC\_5A-66A\_n78A | DC\_5A\_n78A  DC\_66A\_n78A |
| DC\_5A-66A\_n78(2A) | DC\_5A\_n78A  DC\_66A\_n78A |
| DC\_5A\_n66A-n78A | DC\_5A\_n66A  DC\_5A\_n78A |
| DC\_5A-66A-66A\_n78A | DC\_5A\_n78A  DC\_66A\_n78A |
| DC\_7A\_n1A-n8A | DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_7A-7A\_n1A-n8A | DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_7A\_n1A-n40A | DC\_7A\_n1A  DC\_7A\_n40A |
| DC\_7A\_n1A-n78A5  DC\_7C\_n1A-n78A5 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7C\_n1A  DC\_7C\_n78A |
| DC\_7A-7A\_n1A-n78A5 | DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_7A\_n2A-n66A | DC\_7A\_n2A  DC\_7A\_n66A |
| DC\_7A\_n2A-n71A | DC\_7A\_n2A  DC\_7A\_n71A |
| DC\_7A\_n2A-n78A | DC\_7A\_n2A  DC\_7A\_n78A |
| DC\_7A\_n3A-n78A  DC\_7C\_n3A-n78A | DC\_7A\_n3A  DC\_7A\_n78A  DC\_7C\_n3A  DC\_7C\_n78A |
| DC\_7A\_n5A-n78A14  DC\_7C\_n5A-n78A14 | DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A14  DC\_7C\_n78A14 |
| DC\_7A\_n7A-n78A5 | DC\_7A\_n78A  DC\_7A\_n7A2 |
| DC\_7A\_n7A-n78(2A) | DC\_7A\_n78A  DC\_7A\_n7A2 |
| DC\_7A-8A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_7A-7A-8A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_7A-8A\_n3A | DC\_7A\_n3A  DC\_8A\_n3A |
| DC\_7A-8A\_n28A | DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_7A-8A\_n40A | DC\_7A\_n40A  DC\_8A\_n40A |
| DC\_7A\_n8A-n40A | DC\_7A\_n8A  DC\_7A\_n40A |
| DC\_7A-8A\_n77A5 | DC\_7A\_n77A  DC\_8A\_n77A |
| DC\_7A-8A\_n78A5, 14 | DC\_7A\_n78A14  DC\_8A\_n78A14 |
| DC\_7A-8A\_n78(2A) | DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_7A-7A-8A\_n78A5, 14 | DC\_7A\_n78A14  DC\_8A\_n78A14 |
| DC\_7A-7A\_n8A-n78A5 | DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_7A\_n8A-n78A5 | DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_7A-12A\_n2A | DC\_7A\_n2A  DC\_12A\_n2A |
| DC\_7A-12A\_n66A | DC\_7A\_n66A  DC\_12A\_n66A |
| DC\_7A-12A\_n78A  DC\_7A-12A\_n78(2A) | DC\_7A\_n78A  DC\_12A\_n78A |
| DC\_7A-13A\_n25A  DC\_7C-13A\_n25A | DC\_7A\_n25A  DC\_13A\_n25A |
| DC\_7A-7A-13A\_n25A | DC\_7A\_n25A  DC\_13A\_n25A |
| DC\_7A-13A\_n66A  DC\_7C-13A\_n66A | DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_7A-7A-13A\_n66A | DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_7A-20A\_n1A  DC\_7C-20A\_n1A | DC\_7A\_n1A  DC\_7C\_n1A  DC\_20A\_n1A |
| DC\_7A-20A\_n3A  DC\_7C-20A\_n3A | DC\_7A\_n3A  DC\_7C\_n3A  DC\_20A\_n3A |
| DC\_7A-20A\_n8A | DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_7A-20A\_n28A6,16,20 | DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_7A-20A\_n78A5 | DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_7A-20A\_n78(2A)5 | DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_7A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A |
| DC\_7A-7A\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A |
| DC\_7C\_n25A-n66A | DC\_7A\_n25A DC\_7A\_n66A |
| DC\_7A-25A\_n77A  DC\_7C-25A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A |
| DC\_7A-7A-25A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A |
| DC\_7A-25A-25A\_n77A  DC\_7C-25A-25A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A |
| DC\_7A-7A-25A-25A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A |
| DC\_7A-25A\_n78A  DC\_7C-25A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A |
| DC\_7A-7A-25A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A |
| DC\_7A-25A-25A\_n78A  DC\_7C-25A-25A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A |
| DC\_7A-7A-25A-25A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A |
| DC\_7A-28A\_n1A | DC\_28A\_n1A  DC\_7A\_n1A |
| DC\_7A-7A-28A\_n1A | DC\_28A\_n1A  DC\_7A\_n1A |
| DC\_7A-28A\_n2A | DC\_7A\_n2A  DC\_28A\_n2A |
| DC\_7A-28A\_n3A  DC\_7C-28A\_n3A | DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_7A-28A\_n5A6  DC\_7C-28A\_n5A6 | DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_7A-28A\_n7A | DC\_7A\_n7A2  DC\_28A\_n7A |
| DC\_7A\_n28A-n40A | DC\_7A\_n28A  DC\_7A\_n40A |
| DC\_7A-28A\_n40A | DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_7A-28A\_n66A  DC\_7C-28A\_n66A | DC\_7A\_n66A  DC\_28A\_n66A |
| DC\_7A-28A\_n78A5,14  DC\_7C-28A\_n78A5,14 | DC\_7A\_n78A14  DC\_7C\_n78A14  DC\_28A\_n78A14 |
| DC\_7A\_n28A-n78A5,14  DC\_7C\_n28A-n78A14 | DC\_7A\_n28A  DC\_7A\_n78A14  DC\_7C\_n28A  DC\_7C\_n78A14 |
| DC\_7A-29A\_n78A  DC\_7C-29A\_n78A | DC\_7A\_n78A |
| DC\_7A-7A-29A\_n78A | DC\_7A\_n78A |
| DC\_7A-32A\_n1A | DC\_7A\_n1A |
| DC\_7A-32A\_n3A  DC\_7C-32A\_n3A | DC\_7A\_n3A |
| DC\_7A-32A\_n8A | DC\_7A\_n8A |
| DC\_7A-32A\_n28A | DC\_7A\_n28A |
| DC\_7A-32A\_n78A | DC\_7A\_n78A |
| DC\_7A-40A\_n1A  DC\_7A-40C\_n1A | DC\_7A\_n1A  DC\_40A\_n1A |
| DC\_7A-40A\_n78A  DC\_7A-40C\_n78A | DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_7A-40A\_n78(2A)  DC\_7A-40C\_n78(2A) | DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_7A\_n40A-n78A | DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_7A-46A\_n78A3  DC\_7A-46C\_n78A3  DC\_7A-46D\_n78A3  DC\_7A-46E\_n78A3 | DC\_7A\_n78A |
| DC\_7A-66A\_n2A | DC\_7A\_n2A  DC\_66A\_n2A |
| DC\_7A-66A\_n5A  DC\_7C-66A\_n5A  DC\_7A-66A-66A\_n5A  DC\_7C-66A-66A\_n5A  DC\_7A-7A-66A\_n5A  DC\_7A-7A-66A-66A\_n5A | DC\_7A\_n5A  DC\_66A\_n5A |
| DC\_7A-66A\_n7A | DC\_7A\_n7A2  DC\_66A\_n7A |
| DC\_7A-66A-66A\_n7A | DC\_7A\_n7A2  DC\_66A\_n7A |
| DC\_7A-66A\_n25A  DC\_7C-66A\_n25A | DC\_7A\_n25A  DC\_66A\_n25A |
| DC\_7A-7A-66A\_n25A | DC\_7A\_n25A  DC\_66A\_n25A |
| DC\_7A-66A\_n28A | DC\_7A\_n28A  DC\_66A\_n28A |
| DC\_7A-66A\_n38A | 66A9 |
| DC\_7A-66A\_n66A  DC\_7C-66A\_n66A | DC\_7A\_n66A  DC\_66A\_n66A2 |
| DC\_7A-7A-66A\_n66A | DC\_7A\_n66A  DC\_66A\_n66A2 |
| DC\_7A-66A-66A\_n66A | DC\_7A\_n66A  DC\_66A\_n66A2 |
| DC\_7A-7A-66A-66A\_n66A | DC\_7A\_n66A  DC\_66A\_n66A2 |
| DC\_7A-66A\_n71A | DC\_7A\_n71A  DC\_66A\_n71A |
| DC\_7A-66A-66A\_n71A | DC\_7A\_n71A  DC\_66A\_n71A |
| DC\_7A\_n66A-n71A | DC\_7A\_n66A  DC\_7A\_n71A |
| DC\_7A-66A\_n77A  DC\_7C-66A\_n77A | DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_7A-7A-66A\_n77A | DC\_7A\_n66A  DC\_66A\_n77A |
| DC\_7A-7A-66A\_n77(2A) | DC\_7A\_n66A  DC\_66A\_n77A |
| DC\_7A-66A\_n77(2A)  DC\_7C-66A\_n77(2A) | DC\_7A\_n66A  DC\_66A\_n77A |
| DC\_7A\_n66A-n77A  DC\_7C\_n66A-n77A | DC\_7A\_n66A  DC\_7A\_n77A |
| DC\_7A-7A\_n66A-n77A | DC\_7A\_n66A  DC\_7A\_n77A |
| DC\_7A\_n66A-n78A  DC\_7C\_n66A-n78A | DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_7A-7A\_n66A-n78A | DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_7A-66A\_n78A  DC\_7C-66A\_n78A | DC\_7A\_n78A  DC\_7C\_n78A  DC\_66A\_n78A |
| DC\_7A-66A\_n78(2A)  DC\_7C-66A\_n78(2A) | DC\_7A\_n78A  DC\_7C\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-66A\_n78A | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-66A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-66A-66A\_n78A | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-66A-66A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-66A-66A\_n78A  DC\_7C-66A-66A\_n78A | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-66A-66A\_n78(2A)  DC\_7C-66A-66A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-71A\_n2A | DC\_7A\_n2A  DC\_71A\_n2A |
| DC\_7A-71A\_n66A | DC\_7A\_n66A  DC\_71A\_n66A |
| DC\_7A-71A\_n78A  DC\_7A-71A\_n78(2A) | DC\_7A\_n78A  DC\_71A\_n78A |
| DC\_7A\_n71A-n78A | DC\_7A\_n71A  DC\_7A\_n78A |
| DC\_7A\_n78A-n79A  DC\_7A\_n78A-n79C | DC\_7A\_n78A  DC\_7A\_n79A |
| DC\_7A\_SUL\_n78A-n80A | DC\_7A\_n78A  DC\_7A\_n80A |
| DC\_8A\_n1A-n3A | DC\_8A\_n1A  DC\_8A\_n3A |
| DC\_8A\_n1A-n28A | DC\_8A\_n1A  DC\_8A\_n28A |
| DC\_8A\_n1A-n40A | DC\_8A\_n1A  DC\_8A\_n40A |
| DC\_8A\_n1A-n77A5  DC\_8A\_n1A-n77(2A)5 | DC\_8A\_n1A  DC\_8A\_n77A |
| DC\_8A\_n1A-n78A5 | DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_8A-(n)3AA | DC\_(n)3AA  DC\_8A\_n3A |
| DC\_8A\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A |
| DC\_8A\_n3A-n77A5 | DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_8A\_n3A-n77(2A) 5 | DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_8A\_n3A-n78A | DC\_8A\_n3A  DC\_8A\_n78A |
| DC\_8A\_n3A-n79A | DC\_8A\_n3A  DC\_8A\_n79A |
| DC\_8A-11A\_n1A | DC\_8A\_n1A  DC\_11A\_n1A |
| DC\_8A-11A\_n3A | DC\_8A\_n3A  DC\_11A\_n3A |
| DC\_8A-11A\_n28A | DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_8A-11A\_n77A5 | DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_8A-11A\_n77(2A)5 | DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_8A-11A\_n77(3A)5 | DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_8A-11A\_n78A5 | DC\_8A\_n78A  DC\_11A\_n78A |
| DC\_8A-11A\_n79A5 | DC\_8A\_n79A  DC\_11A\_n79A |
| DC\_8A-20A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_8A-20A\_n3A | DC\_8A\_n3A  DC\_20A\_n3A |
| DC\_8A-20A\_n28A6,16,19,20 | DC\_8A\_n28A  DC\_20A\_n28A |
| DC\_8A-20A\_n78A | DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_8A-28A\_n3A | DC\_8A\_n3A  DC\_28A\_n3A |
| DC\_8A-28A\_n78A | DC\_8A\_n78A  DC\_28A\_n78A |
| DC\_8A\_n28A-n77A5 | DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n28A-n77(2A)5 | DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n28A-n78A5 | DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_8A\_n28A-n79A5 | DC\_8A\_n28A  DC\_8A\_n79A |
| DC\_8A-32A\_n1A | DC\_8A\_n1A |
| DC\_8A-32A\_n3A | DC\_8A\_n3A |
| DC\_8A-32A\_n28A | DC\_8A\_n28A |
| DC\_8A-32A\_n78A | DC\_8A\_n78A |
| DC\_8A-38A\_n1A | DC\_8A\_n1A  DC\_38A\_n1A |
| DC\_8A\_n39A-n40A | DC\_8A\_n39A  DC\_8A\_n40A |
| DC\_8A\_n39A-n41A | DC\_8A\_n39A  DC\_8A\_n41A |
| DC\_8A\_n39A-n79A | DC\_8A\_n39A  DC\_8A\_n79A |
| DC\_8A-40A\_n1A  DC\_8A-40C\_n1A | DC\_8A\_n1A  DC\_40A\_n1A |
| DC\_8A\_n40A-n41A | DC\_8A\_n40A  DC\_8A\_n41A |
| DC\_8A-40A\_n78A  DC\_8A-40C\_n78A | DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_8A-40A\_n78(2A)  DC\_8A-40C\_n78(2A) | DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_8A\_n40A-n78A | DC\_8A\_n40A  DC\_8A\_n78A |
| DC\_8A\_n40A-n79A | DC\_8A\_n40A  DC\_8A\_n79A |
| DC\_8A-41A\_n1A  DC\_8A-41C\_n1A | DC\_8A\_n1A  DC\_41A\_n1A |
| DC\_8A-41A\_n3A5  DC\_8A-41C\_n3A5 | DC\_8A\_n3A  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_8A-41A\_n77A  DC\_8A-41C\_n77A | DC\_8A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_8A\_n41A-n79A5 | DC\_8A\_n41A  DC\_8A\_n79A |
| DC\_8A-42A\_n1A5  DC\_8A-42C\_n1A5 | DC\_8A\_n1A  DC\_42A\_n1A  DC\_42C\_n1A |
| DC\_8A-42A\_n3A5 | DC\_8A\_n3A  DC\_42A\_n3A |
| DC\_8A-42C\_n3A5 | DC\_8A\_n3A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_8A-42A\_n28A5 | DC\_8A\_n28A  DC\_42A\_n28A |
| DC\_8A-42C\_n28A5 | DC\_8A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42A\_n77A15,16  DC\_8A-42C\_n77A15,16 | DC\_8A\_n77A |
| DC\_8A-42A\_n77(2A) 15,16  DC\_8A-42C\_n77(2A) 15,16 | DC\_8A\_n77A |
| DC\_8A\_SUL\_n41A-n81A | DC\_8A\_n41A,  DC\_8A\_n81A\_ULSUP-TDM\_n41A |
| DC\_8A\_n77A-n79A  DC\_8A\_n77(2A)-n79A | DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A\_SUL\_n78A-n80A | DC\_8A\_n78A  DC\_8A\_n80A |
| DC\_8A\_SUL\_n78A-n81A5 | DC\_8A\_n78A,  DC\_8A\_n81A\_ULSUP-TDM\_n78A |
| DC\_8A\_SUL\_n79A-n81A5 | DC\_8A\_n79A,  DC\_8A\_n81A\_ULSUP-TDM\_n79A |
| DC\_11A\_n1A-n77A5 | DC\_11A\_n1A  DC\_11A\_n77A |
| DC\_11A\_n1A-n77(2A)5 | DC\_11A\_n1A  DC\_11A\_n77A |
| DC\_11A\_n3A-n28A | DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_11A\_n3A-n77A | DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_11A\_n3A-n77(2A) | DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_11A\_n3A-n79A5 | DC\_11A\_n3A  DC\_11A\_n79A |
| DC\_11A-18A\_n3A | DC\_11A\_n3A  DC\_18A\_n3A |
| DC\_11A-18A\_n28A | DC\_11A\_n28A |
| DC\_11A-18A\_n41A | DC\_11A\_n41A  DC\_18A\_n41A |
| DC\_11A-18A\_n77A | DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_11A-18A\_n77(2A) | DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_11A-18A\_n78A | DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_11A-18A\_n78(2A) | DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_11A\_n28A-n77A5 | DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_11A\_n28A-n77(2A) 5 | DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_11A\_n77A-n79A  DC\_11A\_n77(2A)-n79A | DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_12A\_n2A-n38A | DC\_12A\_n2A  DC\_12A\_n38A |
| DC\_12A\_n2A-n41A | DC\_12A\_n2A  DC\_12A\_n41A |
| DC\_12A\_n2A-n78A | DC\_12A\_n2A DC\_12A\_n78A |
| DC\_12A-(n)5AA | DC\_12A\_n5A  DC\_(n)5AA2 |
| DC\_12A\_n7A-n66A | DC\_12A\_n7A  DC\_12A\_n66A |
| DC\_12A\_n7(2A)-n66A | DC\_12A\_n7A  DC\_12A\_n66A |
| DC\_12A\_n7A-n78A | DC\_12A\_n7A  DC\_12A\_n78A |
| DC\_12A\_n7(2A)-n78A | DC\_12A\_n7A  DC\_12A\_n78A |
| DC\_12A\_n7A-n78(2A) | DC\_12A\_n7A  DC\_12A\_n78A |
| DC\_12A\_n7(2A)-n78(2A) | DC\_12A\_n7A  DC\_12A\_n78A |
| DC\_12A-30A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A |
| DC\_12A-30A\_n5A | DC\_12A\_n5A  DC\_30A\_n5A |
| DC\_12A-30A\_n66A | DC\_12A\_n66A  DC\_30A\_n66A |
| DC\_12A-30A\_n77A14 | DC\_12A\_n77A14  DC\_30A\_n77A14 |
| DC\_12A-30A\_n77(2A) | DC\_12A\_n77A  DC\_30A\_n77A |
| DC\_12A-48A\_n5A | DC\_12A\_n5A  DC\_48A\_n5A |
| DC\_12A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_12A-66A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_12A-66A\_n5A | DC\_12A\_n5A  DC\_66A\_n5A |
| DC\_12A-66A-66A\_n5A | DC\_12A\_n5A  DC\_66A\_n5A |
| DC\_12A-66A\_n25A | DC\_12A\_n25A  DC\_66A\_n25A |
| DC\_12A-66A\_n30A | DC\_12A\_n30A  DC\_66A\_n30A |
| DC\_12A-66A-66A\_n30A | DC\_12A\_n30A  DC\_66A\_n30A |
| DC\_12A-66A\_n41A | DC\_12A\_n41A  DC\_66A\_n41A |
| DC\_12A-66A\_n66A | DC\_12A\_n66A  DC\_66A\_n66A2 |
| DC\_12A-66A\_n77A14  DC\_12A-66A-66A\_n77A14 | DC\_12A\_n77A14  DC\_66A\_n77A14 |
| DC\_12A-66A\_n77(2A) | DC\_12A\_n77A  DC\_66A\_n77A |
| DC\_12A-66A\_n78A  DC\_12A-66A\_n78(2A) | DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_12A\_n66A-n78A  DC\_12A\_n66(2A)-n78A  DC\_12A\_n66A-n78(2A)  DC\_12A\_n66(2A)-n78(2A) | DC\_12A\_n66A  DC\_12A\_n78A |
| DC\_13A\_n2A-n77A14  DC\_13A\_n2A-n77C14 | DC\_13A\_n2A  DC\_13A\_n77A14 |
| DC\_13A\_n5A-n48A | DC\_13A\_n48A |
| DC\_13A\_n5A-n77A14  DC\_13A\_n5A-n77C14 | DC\_13A\_n77A14 |
| DC\_13A\_n7A-n78A | DC\_13A\_n7A  DC\_13A\_n78A |
| DC\_13A\_n25A-n66A | DC\_13A\_n25A DC\_13A\_n66A |
| DC\_13A-46A\_n2A3 | DC\_13A\_n2A |
| DC\_13A-46A\_n5A | DC\_13A\_n5A |
| DC\_13A-46A\_n66A3 | DC\_13A\_n66A |
| DC\_13A-46A\_n77A  DC\_13A-46A-46A\_n77A | DC\_13A\_n77A |
| DC\_13A\_n48A-n66A | DC\_13A\_n48A  DC\_13A\_n66A |
| DC\_13A-66A\_n2A  DC\_13A-66B\_n2A  DC\_13A-66C\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_13A-66A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_13A-66A\_n5A  DC\_13A-66A-66A\_n5A | DC\_13A\_n5A  DC\_66A\_n5A |
| DC\_13A-66A\_n48A  DC\_13A-66A\_n48B | DC\_13A\_n48A  DC\_66A\_n48A |
| DC\_13A-66A-66A\_n48A  DC\_13A-66A-66A\_n48B | DC\_13A\_n48A  DC\_66A\_n48A |
| DC\_13A-66A\_n66A  DC\_13A-66B\_n66A | DC\_13A\_n66A |
| DC\_13A-66A-66A\_n66A | DC\_13A\_n66A |
| DC\_13A-66A\_n77A14  DC\_13A-66A\_n77C14  DC\_13A-66A-66A\_n77C14 | DC\_13A\_n77A14  DC\_66A\_n77A14 |
| DC\_13A-66A-66A\_n77A | DC\_13A\_n77A14  DC\_66A\_n77A14 |
| DC\_13A\_n66A-n77A14  DC\_13A\_n66A-n77C14 | DC\_13A\_n66A  DC\_13A\_n77A14 |
| DC\_13A-48A\_n2A  DC\_13A-48B\_n2A  DC\_13A-48C\_n2A  DC\_13A-48D\_n2A  DC\_13A-48E\_n2A | DC\_13A\_n2A |
| DC\_13A-48A\_n66A  DC\_13A-48B\_n66A  DC\_13A-48C\_n66A  DC\_13A-48D\_n66A  DC\_13A-48E\_n66A | DC\_13A\_n66A |
| DC\_13A-48A\_n77A14,15,16  DC\_13A-48A\_n77C14,15,16  DC\_13A-48C\_n77A14,15,16  DC\_13A-48C\_n77C14,15,16  DC\_13A-48D\_n77A14,15,16  DC\_13A-48D\_n77C14,15,16  DC\_13A-48A-48A\_n77A14,15,16 | DC\_13A\_n77A14 |
| DC\_14A-30A\_n2A | DC\_14A\_n2A  DC\_30A\_n2A |
| DC\_14A-30A\_n5A | DC\_14A\_n5A  DC\_30A\_n5A |
| DC\_14A-30A\_n66A | DC\_14A\_n66A  DC\_30A\_n66A |
| DC\_14A-30A\_n77A14 | DC\_14A\_n77A14  DC\_30A\_n77A14 |
| DC\_14A-30A\_n77(2A) | DC\_14A\_n77A  DC\_30A\_n77A |
| DC\_14A-66A\_n2A | DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_14A-66A-66A\_n2A | DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_14A-66A\_n5A | DC\_14A\_n5A  DC\_66A\_n5A |
| DC\_14A-66A-66A\_n5A | DC\_14A\_n5A  DC\_66A\_n5A |
| DC\_14A-66A\_n30A  DC\_14A-66A-66A\_n30A | DC\_14A\_n30A  DC\_66A\_n30A |
| DC\_14A-66A\_n66A | DC\_14A\_n66A  DC\_66A\_n66A2 |
| DC\_14A-66A\_n77A14  DC\_14A-66A-66A\_n77A14 | DC\_14A\_n77A14  DC\_66A\_n77A14 |
| DC\_14A-66A\_n77(2A) | DC\_14A\_n77A  DC\_66A\_n77A |
| DC\_18A\_n3A-n41A | DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_18A\_n3A-n77A | DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_18A\_n3A-n78A | DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_18A\_n28A-n41A | DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_18A-28A\_n77A5 | DC\_18A\_n77A  DC\_28A\_n77A |
| DC\_18A\_n28A-n77A5 | DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_18A\_n28A-n77(2A)5 | DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_18A-28A\_n78A5 | DC\_18A\_n78A  DC\_28A\_n78A |
| DC\_18A\_n28A-n78A5 | DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_18A\_n28A-n78(2A)5 | DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_18A-28A\_n79A5 | DC\_18A\_n79A  DC\_28A\_n79A |
| DC\_18A-41A\_n3A  DC\_18A-41C\_n3A | DC\_18A\_n3A  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_18A-41A\_n77A  DC\_18A-41C\_n77A | DC\_18A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_18A-41A\_n78A  DC\_18A-41C\_n78A | DC\_18A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_18A\_n41A-n77A | DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_18A\_n41A-n77(2A) | DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_18A-42A\_n77A15,16  DC\_18A-42C\_n77A15,16 | DC\_18A\_n77A |
| DC\_18A\_n41A-n78A | DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_18A\_n41A-n78(2A) | DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_18A-42A\_n78A15,16  DC\_18A-42C\_n78A15,16 | DC\_18A\_n78A |
| DC\_18A-42A\_n79A  DC\_18A-42C\_n79A | DC\_18A\_n79A |
| DC\_19A-21A\_n1A | DC\_19A\_n1A  DC\_21A\_n1A |
| DC\_19A\_n1A-n77A5 | DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_19A\_n1A-n78A5 | DC\_19A\_n1A  DC\_19A\_n78A |
| DC\_19A\_n1A-n79A5 | DC\_19A\_n1A  DC\_19A\_n79A |
| DC\_19A-21A\_n77A5  DC\_19A-21A\_n77C5 | DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_19A-21A\_n77(2A)5 | DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_19A-21A\_n78A5  DC\_19A-21A\_n78C5 | DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_19A-21A\_n78(2A)5 | DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_19A-21A\_n79A5  DC\_19A-21A\_n79C5 | DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_19A-42A\_n1A5,10,12  DC\_19A-42C\_n1A5,10,12 | DC\_19A\_n1A  DC\_42A\_n1A |
| DC\_19A-42A\_n77A15,16  DC\_19A-42A\_n77C15,16  DC\_19A-42C\_n77A15,16  DC\_19A-42C\_n77C15,16  DC\_19A-42D\_n77A15,16  DC\_19A-42D\_n77C15,16 | DC\_19A\_n77A |
| DC\_19A-42A\_n78A15,16  DC\_19A-42A\_n78C15,16  DC\_19A-42C\_n78A15,16  DC\_19A-42C\_n78C15,16  DC\_19A-42D\_n78A15,16  DC\_19A-42D\_n78C15,16 | DC\_19A\_n78A |
| DC\_19A-42A\_n79A  DC\_19A-42A\_n79C  DC\_19A-42C\_n79A  DC\_19A-42C\_n79C  DC\_19A-42D\_n79A  DC\_19A-42D\_n79C | DC\_19A\_n79A |
| DC\_19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_20A\_n1A-n7A | DC\_20A\_n1A  DC\_20A\_n7A |
| DC\_20A\_n1A-n28A16,20 | DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_20A\_n1A-n67A | DC\_20A\_n1A |
| DC\_20A\_n1A-n78A | DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_20A\_n3A-n38A | DC\_20A\_n3A  DC\_20A\_n38A |
| DC\_20A\_n3A-n67A | DC\_20A\_n3A |
| DC\_20A\_n3A-n78A | DC\_20A\_n3A  DC\_20A\_n78A |
| DC\_20A\_n7A-n28A, 16, 20 | DC\_20A\_n7A  DC\_20A\_n28A |
| DC\_20A\_n7A-n78A | DC\_20A\_n7A  DC\_20A\_n78A |
| DC\_20A\_n8A-n75A6 | DC\_20A\_n8A |
| DC\_20A\_n8A-n78A | DC\_20A\_n78A  DC\_20A\_n8A |
| DC\_20A-28A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_20A-28A\_n3A | DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_20A-28A\_n78A | DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_20A\_n28A-n75A6,16,20 | DC\_20A\_n28A |
| DC\_20A\_n28A-n78A5,6,16,20 | DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_20A-32A\_n1A | DC\_20A\_n1A |
| DC\_20A-32A\_n3A | DC\_20A\_n3A |
| DC\_20A-32A\_n8A | DC\_20A\_n8A |
| DC\_20A-32A\_n28A16,20 | DC\_20A\_n28A |
| DC\_20A-32A\_n78A  DC\_20A-32A\_n78C | DC\_20A\_n78A |
| DC\_20A-32A\_n78(2A) | DC\_20A\_n78A |
| DC\_20A-38A\_n1A | DC\_20A\_n1A  DC\_38A\_n1A |
| DC\_20A-38A\_n3A | DC\_20A\_n3A |
| DC\_20A-38A\_n8A | DC\_38A\_n8A |
| DC\_20A-(n)38AA | DC\_20A\_n38A |
| DC\_20A-38A\_n78A | DC\_20A\_n78A  DC\_38A\_n78A |
| DC\_20A-38A\_n78(2A) | DC\_20A\_n78A |
| DC\_20A\_n38A-n78A | DC\_20A\_n38A  DC\_20A\_n78A |
| DC\_20A-40A\_n1A  DC\_20A-40C\_n1A | DC\_20A\_n1A  DC\_40A\_n1A |
| DC\_20A-40A\_n78A  DC\_20A-40C\_n78A | DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_20A-40A\_n78(2A)  DC\_20A-40C\_n78(2A) | DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_20A-41A\_n41A  DC\_20A-41C\_n41A | DC\_41A\_n41A |
| DC\_20A\_n41A-n78A | DC\_20A\_n41A  DC\_20A\_n78A |
| DC\_20A-(n)41AA  DC\_20A-(n)41CA  DC\_20A-(n)41DA | DC\_20A\_n41A |
| DC\_20A\_n75A-n78A5 | DC\_20A\_n78A |
| DC\_20A\_n76A-n78A5 | DC\_20A\_n78A |
| DC\_20A\_SUL\_n78A-n80A | DC\_20A\_n78A  DC\_20A\_n80A |
| DC\_20A\_SUL\_n78A-n82A5 | DC\_20A\_n78A  DC\_20A\_n82A\_ULSUP-TDM\_n78A |
| DC\_20A\_SUL\_n78A-n83A5 | DC\_20A\_n78A  DC\_20A\_n83A |
| DC\_20A\_n78A-n92A  DC\_20A\_n78(2A)-n92A | DC\_20A\_n78A  DC\_20A\_n92A\_ULSUP-TDM\_n78A |
| DC\_21A\_n1A-n77A5 | DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_21A\_n1A-n78A5 | DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_21A\_n1A-n79A5 | DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_21A-28A\_n77A5  DC\_21A-28A\_n77C | DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_21A\_n28A-n77A5,13 | DC\_21A\_n28A  DC\_21A\_n77A |
| DC\_21A-28A\_n78A5  DC\_21A-28A\_n78C | DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_21A\_n28A-n78A5,13 | DC\_21A\_n28A  DC\_21A\_n78A |
| DC\_21A-28A\_n79A5  DC\_21A-28A\_n79C | DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_21A\_n28A-n79A5,13 | DC\_21A\_n28A  DC\_21A\_n79A |
| DC\_21A-42A\_n1A510,12  DC\_21A-42C\_n1A510,12 | DC\_21A\_n1A  DC\_42A\_n1A |
| DC\_21A-42A\_n77A15,16  DC\_21A-42A\_n77C15,16  DC\_21A-42C\_n77A15,16  DC\_21A-42C\_n77C15,16  DC\_21A-42D\_n77A15,16  DC\_21A-42D\_n77C15,16  DC\_21A-42E\_n77A15,16  DC\_21A-42E\_n77C15,16 | DC\_21A\_n77A |
| DC\_21A-42A\_n78A15,16  DC\_21A-42A\_n78C15,16  DC\_21A-42C\_n78A15,16  DC\_21A-42C\_n78C15,16  DC\_21A-42D\_n78A15,16  DC\_21A-42D\_n78C15,16  DC\_21A-42E\_n78A15,16  DC\_21A-42E\_n78C15,16 | DC\_21A\_n78A |
| DC\_21A-42A\_n79A  DC\_21A-42A\_n79C  DC\_21A-42C\_n79A  DC\_21A-42C\_n79C  DC\_21A-42D\_n79A  DC\_21A-42D\_n79C  DC\_21A-42E\_n79A  DC\_21A-42E\_n79C | DC\_21A\_n79A |
| DC\_28A-32A\_n1A | DC\_28A\_n1A |
| DC\_28A-32A\_n3A | DC\_28A\_n3A |
| DC\_28A-38A\_n1A | DC\_28A\_n1A  DC\_38A\_n1A |
| DC\_28A-66A\_n7A | DC\_28A\_n7A DC\_66A\_n7A |
| DC\_28A-66A\_n66A | DC\_28A\_n66A  DC\_66A\_n66A2 |
| DC\_21A\_n77A-n79A | DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_21A\_n78A-n79A | DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_25A-41A\_n41A  DC\_25A-41C\_n41A  DC\_25A-41D\_n41A | DC\_25A\_n41A  DC\_41A\_n41A |
| DC\_25A-25A-41A\_n41A  DC\_25A-25A-41C\_n41A  DC\_25A-25A-41D\_n41A | DC\_25A\_n41A  DC\_41A\_n41A |
| DC\_25A-(n)41AA | DC\_25A\_n41A  DC\_(n)41AA |
| DC\_25A-25A-(n)41AA | DC\_25A\_n41A  DC\_(n)41AA |
| DC\_25A-(n)41CA  DC\_25A-(n)41DA | DC\_25A\_n41A  DC\_(n)41AA  DC\_41A\_n41A |
| DC\_25A-25A-(n)41CA  DC\_25A-25A-(n)41DA | DC\_25A\_n41A  DC\_(n)41AA  DC\_41A\_n41A |
| DC\_25A-66A\_n77A | DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_25A-25A-66A\_n77A | DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_25A-66A\_n78A | DC\_25A\_n78A  DC\_66A\_n78A |
| DC\_25A-25A-66A\_n78A | DC\_25A\_n78A  DC\_66A\_n78A |
| DC\_28A-40A\_n78A  DC\_28A-40C\_n78A | DC\_28A\_n78A  DC\_40A\_n78A |
| DC\_28A-41A\_n77A  DC\_28A-41C\_n77A | DC\_28A\_n77A  DC\_41A\_n77A |
| DC\_28A-41A\_n78A  DC\_28A-41C\_n78A | DC\_28A\_n78A  DC\_41A\_n78A |
| DC\_28A-41A\_n79A5  DC\_28A-41C\_n79A5 | DC\_28A\_n79A  DC\_41A\_n79A |
| DC\_28A\_n1A-n40A | DC\_28A\_n1A  DC\_28A\_n40A |
| DC\_28A\_n1A-n78A5 | DC\_28A\_n1A  DC\_28A\_n78A |
| DC\_28A\_n3A-n77A5 | DC\_28A\_n3A  DC\_28A\_n77A |
| DC\_28A\_n3A-n78A5 | DC\_28A\_n3A  DC\_28A\_n78A |
| DC\_28A\_n5A-n78A5 | DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_28A\_n7A-n78A | DC\_28A\_n7A  DC\_28A\_n78A |
| DC\_28A\_n7B-n78A | DC\_28A\_n7A  DC\_28A\_n7B  DC\_28A\_n78A |
| DC\_28A\_n8A-n78A5 | DC\_28A\_n8A  DC\_28A\_n78A |
| DC\_28A\_n40A-n78A | DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_28A\_SUL\_n41A-n83A5 | DC\_28A\_n41A  DC\_28A\_n83A\_ULSUP-TDM\_n41A |
| DC\_28A-42A\_n77A15,16  DC\_28A-42A\_n77C15,16  DC\_28A-42C\_n77A15,16  DC\_28A-42C\_n77C15,16 | DC\_28A\_n77A |
| DC\_28A-42A\_n78A15,16  DC\_28A-42A\_n78C15,16  DC\_28A-42C\_n78A15,16  DC\_28A-42C\_n78C15,16 | DC\_28A\_n78A |
| DC\_28A-42A\_n79A  DC\_28A-42A\_n79C  DC\_28A-42C\_n79A  DC\_28A-42C\_n79C | DC\_28A\_n79A |
| DC\_28A\_SUL\_n78A-n83A5 | DC\_28A\_n78A  DC\_28A\_n83A\_ULSUP-TDM\_n78A |
| DC\_29A-30A\_n2A | DC\_30A\_n2A |
| DC\_29A-30A\_n66A | DC\_30A\_n66A |
| DC\_29A-30A\_n77A14 | DC\_30A\_n77A14 |
| DC\_29A-66A\_n2A | DC\_66A\_n2A |
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| DC\_29A-66A\_n77A14  DC\_29A-66A-66A\_n77A14 | DC\_66A\_n77A14 |
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| DC\_30A-(n)5AA | DC\_30A\_n5A  DC\_(n)5AA2 |
| DC\_30A-66A\_n2A | DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_30A-66A-66A\_n2A | DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_30A-66A\_n5A | DC\_30A\_n5A  DC\_66A\_n5A |
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| DC\_30A-66A-66A-66A\_n5A | DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_30A-66A\_n66A | DC\_30A\_n66A  DC\_66A\_n66A2 |
| DC\_30A-66A\_n77A14  DC\_30A-66A-66A\_n77A14 | DC\_30A\_n77A14  DC\_66A\_n77A14 |
| DC\_30A-66A\_n77(2A) | DC\_30A\_n77A  DC\_66A\_n77A |
| DC\_32A-38A\_n1A | DC\_38A\_n1A |
| DC\_32A-38A\_n28A | DC\_38A\_n28A |
| DC\_38A\_n3A-n78A | DC\_38A\_n3A  DC\_38A\_n78A |
| DC\_39A\_n40A-n41A | DC\_39A\_n40A  DC\_39A\_n41A |
| DC\_39A\_n40A-n79A | DC\_39A\_n40A  DC\_39A\_n79A |
| DC\_39A\_n41A-n79A | DC\_39A\_n41A  DC\_39A\_n79A |
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| DC\_40A-42A\_n77A  DC\_40A-42A\_n77C | DC\_40A\_n77A |
| DC\_40A-42A\_n78A | DC\_40A\_n78A |
| DC\_41A\_n1A-n3A | DC\_41A\_n1A  DC\_41A\_n3A |
| DC\_41C\_n1A-n3A | DC\_41A\_n1A  DC\_41A\_n3A |
| DC\_41A\_n1A-n77A | DC\_41A\_n1A  DC\_41A\_n77A |
| DC\_41C\_n1A-n77A | DC\_41A\_n1A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_41A\_n3A-n41A | DC\_41A\_n3A  DC\_41A\_n41A |
| DC\_41A\_n3A-n77A | DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_41C\_n3A-n77A | DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
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| DC\_41C\_n3A-n78A | DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
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| DC\_41A\_n28A-n77A | DC\_41A\_n28A  DC\_41A\_n77A |
| DC\_41C\_n28A-n77A | DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
| DC\_41A\_n28A-n78A | DC\_41A\_n28A  DC\_41A\_n78A |
| DC\_41C\_n28A-n78A | DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
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| DC\_41A\_n41A-n77A | DC\_41A\_n77A |
| DC\_41A\_n41A-n78A  DC\_41C\_n41A-n78A | DC\_41A\_n78A |
| DC\_41A-42A\_n77A15,16  DC\_41A-42C\_n77A15,16  DC\_41C-42A\_n77A15,16  DC\_41C-42C\_n77A15,16 | DC\_41A\_n77A |
| DC\_41A-42A\_n77(2A)15,16  DC\_41A-42C\_n77(2A)15,16 | DC\_41A\_n77A |
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| DC\_42A\_n1A-n3A5 | DC\_42A\_n1A  DC\_42A\_n3A |
| DC\_42C\_n1A-n3A5, | DC\_42A\_n1A  DC\_42A\_n3A  DC\_42C\_n1A  DC\_42C\_n3A |
| DC\_42A\_n1A-n77A15,16 | DC\_42A\_n1A |
| DC\_42C\_n1A-n77A15,16 | DC\_42A\_n1A  DC\_42C\_n1A |
| DC\_42A\_n1A-n78A15,16  DC\_42C\_n1A-n78A15,16 | N/A |
| DC\_42A\_n1A-n79A  DC\_42C\_n1A-n79A | N/A |
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| DC\_42C\_n3A-n28A | DC\_42A\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
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| DC\_42A\_n3A-n77(2A)15,16 | DC\_42A\_n3A |
| DC\_42C\_n3A-n77A15,16 | DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_42C\_n3A-n77(2A)15,16 | DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_42A\_n28A-n77A15,16 | DC\_42A\_n28A |
| DC\_42A\_n28A-n77(2A)15,16 | DC\_42A\_n28A |
| DC\_42C\_n28A-n77A15,16 | DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_42C\_n28A-n77(2A)15,16 | DC\_42A\_n28A  DC\_42C\_n28A |
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| DC\_46A-48A\_n5A3  DC\_46C-48A\_n5A3  DC\_46D-48A\_n5A3  DC\_46E-48A\_n5A3 | DC\_48A\_n5A |
| DC\_46A-48A\_n66A3  DC\_46C-48A\_n66A3  DC\_46D-48A\_n66A3  DC\_46E-48A\_n66A3 | DC\_48A\_n66A |
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| DC\_46A-66A\_n25A  DC\_46C-66A\_n25A  DC\_46D-66A\_n25A | DC\_66A\_n25A |
| DC\_46A-66A\_n41A  DC\_46C-66A\_n41A  DC\_46D-66A\_n41A | DC\_66A\_n41A |
| DC\_46A-66A\_n41(2A)  DC\_46C-66A\_n41(2A)  DC\_46D-66A\_n41(2A) | DC\_66A\_n41A |
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| DC\_46A-66A\_n77A  DC\_46A-46A-66A\_n77A | DC\_66A\_n77A |
| DC\_48A-(n)5AA | DC\_48A\_n5A  DC\_(n)5AA2 |
| DC\_48A-(n)12AA | DC\_48A\_n12A  DC\_(n)12AA2 |
| DC\_48A\_n25A-n48A | DC\_48A\_n25A |
| DC\_48A\_n48A-n66A | DC\_48A\_n66A |
| DC\_48A-66A\_n2A  DC\_48C-66A\_n2A  DC\_48D-66A\_n2A  DC\_48E-66A\_n2A | DC\_66A\_n2A  DC\_48A\_n2A |
| DC\_48A-66A\_n5A  DC\_48B-66A\_n5A  DC\_48C-66A\_n5A  DC\_48D-66A\_n5A  DC\_48E-66A\_n5A | DC\_66A\_n5A |
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| DC\_48A-66A\_n25A  DC\_48C-66A\_n25A  DC\_48D-66A\_n25A | DC\_48A\_n25A  DC\_66A\_n25A |
| DC\_48A-66A\_n48A | DC\_66A\_n48A |
| DC\_48A-66A\_n66A  DC\_48C-66A\_n66A  DC\_48D-66A\_n66A  DC\_48E-66A\_n66A | DC\_66A\_n66A2  DC\_48A\_n66A |
| DC\_48A-66A\_n71A | DC\_48A\_n71A  DC\_66A\_n71A |
| DC\_48A-66A\_n77A14,15,16  DC\_48A-66A\_n77C14,15,16  DC\_48C-66A\_n77A14,15,16  DC\_48C-66A\_n77C14,15,16  DC\_48D-66A\_n77A14,15,16  DC\_48D-66A\_n77C14,15,16  DC\_48E-66A\_n77A14,15,16 | DC\_66A\_n77A14 |
| DC\_48A-48A-66A\_n77A14,15,16 | DC\_66A\_n77A |
| DC\_66A-(n)5AA | DC\_66A\_n5A  DC\_(n)5AA2 |
| DC\_66A-66A-(n)5AA | DC\_66A\_n5A  DC\_(n)5AA2 |
| DC\_66A\_n2A-n38A | DC\_66A\_n2A  DC\_66A\_n38A |
| DC\_66A\_n2A-n66A | DC\_66A\_n2A |
| DC\_66A\_n2A-n71A | DC\_66A\_n2A  DC\_66A\_n71A |
| DC\_66A\_n2A-n77A14  DC\_66A\_n2A-n77C14  DC\_66A-66A\_n2A-n77C14 | DC\_66A\_n2A  DC\_66A\_n77A14 |
| DC\_66A-66A\_n2A-n77A14 | DC\_66A\_n2A  DC\_66A\_n77A14 |
| DC\_66A\_n2A-n78A | DC\_66A\_n2A DC\_66A\_n78A |
| DC\_66A\_n5A-n48A | DC\_66A\_n5A  DC\_66A\_n48A |
| DC\_66A\_n5A-n77A14  DC\_66A\_n5A-n77C14  DC\_66A-66A\_n5A-n77C14 | DC\_66A\_n5A  DC\_66A\_n77A14 |
| DC\_66A-66A\_n5A-n77A14 | DC\_66A\_n5A  DC\_66A\_n77A14 |
| DC\_66A\_n7A-n78A | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A-66A\_n7A-n78A | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7(2A)-n78A | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A-66A\_n7(2A)-n78A | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7A-n78(2A) | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A-66A\_n7A-n78(2A) | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7(2A)-n78(2A) | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A-66A\_n7(2A)-n78(2A) | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n25A-n71A | DC\_66A\_n25A  DC\_66A\_n71A |
| DC\_66A\_n38A-n66A | DC\_66A\_n38A  DC\_66A\_n66A2 |
| DC\_66A\_n38A-n78A | DC\_66A\_n38A  DC\_66A\_n78A |
| DC\_66A\_n66A-n77A14  DC\_66A\_n66A-n77C14 | DC\_66A\_n77A14 |
| DC\_66A\_n66A-n78A | DC\_66A\_n66A2  DC\_66A\_n78A |
| DC\_66A-(n)12AA | DC\_66A\_n12A  DC\_(n)12AA2 |
| DC\_66A-(n)71AA  DC\_66C-(n)71AA | DC\_66A\_n71A  DC\_(n)71AA |
| DC\_66A\_n25A-n41A  DC\_66A\_n25A-n41C | DC\_66A\_n25A  DC\_66A\_n41A |
| DC\_66A\_n25A-n41(2A) | DC\_66A\_n25A  DC\_66A\_n41A |
| DC\_66A\_n25A-n48A | DC\_66A\_n25A  DC\_66A\_n48A |
| DC\_66A\_n25A-n66A | DC\_66A\_n25A DC\_66A\_n66A2 |
| DC\_66A\_n38A-n71A | DC\_66A\_n38A  DC\_66A\_n71A |
| DC\_66A\_n41A-n71A  DC\_66A\_n41C-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_66A\_n41(2A)-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_66A\_n66A-n71A | DC\_66A\_n66A  DC\_66A\_n71A |
| DC\_66A-71A\_n2A | DC\_71A\_n2A  DC\_66A\_n2A |
| DC\_66A-71A\_n38A | DC\_71A\_n38A  DC\_66A\_n38A |
| DC\_66A-71A\_n41A | DC\_66A\_n41A  DC\_71A\_n41A |
| DC\_66A-71A\_n66A | DC\_71A\_n66A  DC\_66A\_n66A2 |
| DC\_66A-71A\_n71A | DC\_66A\_n71A |
| DC\_66A-71A\_n78A  DC\_66A-71A\_n78(2A) | DC\_71A\_n78A  DC\_66A\_n78A |
| DC\_66A\_n71A-n78A | DC\_66A\_n71A  DC\_66A\_n78A |
| DC\_66A\_SUL\_n78A-n86A5 | DC\_66A\_n78A  DC\_66A\_n86A\_ULSUP-TDM\_n78A |
| DC\_66A\_SUL\_n78(2A)-n86A5 | DC\_66A\_n78A  DC\_66A\_n86A\_ULSUP-TDM\_n78A |
| DC\_71A\_n2A-n41A | DC\_71A\_n2A  DC\_71A\_n41A |
| DC\_71A\_n2A-n66A | DC\_71A\_n2A  DC\_71A\_n66A |
| DC\_71A\_n2A-n78A | DC\_71A\_n2A  DC\_71A\_n78A |
| DC\_71A\_n38A-n66A | DC\_71A\_n38A  DC\_71A\_n66A |
| DC\_71A\_n38A-n78A | DC\_71A\_n38A  DC\_71A\_n78A |
| DC\_71A\_n66A-n78A | DC\_71A\_n66A  DC\_71A\_n78A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Only single switched UL is supported  NOTE 3: Restricted to E-UTRA operation when inter-band carrier aggregation is configured. The downlink operating band for Band 46 is paired with the uplink operating band (external E-UTRA band) of the carrier aggregation configuration that is supporting the configured Pcell.  NOTE 4: If a UE is configured with both NR UL and NR SUL carriers in a cell, the switching time between NR UL carrier and NR SUL carrier can be up to 140us and placed in SUL resources.  NOTE 5: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 6: N/A  NOTE 7: Void.  NOTE 8: UL carrier shall be supported in Band 2 only. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 9: UL carrier shall be supported in Band 66 only. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 10: The frequency range in band n1 is restricted for this band combination to 1940 - 1960 MHz for the UL and 2130-2150 MHz for the DL.  NOTE 11: The frequency range in band 3 is restricted for this band combination to 1765 - 1785 MHz for the UL and 1860-1880 MHz for the DL.  NOTE 12: The frequency range in band 42 is restricted for this band combination to 3440 - 3520 MHz.  NOTE 13: The frequency range in band n28 is restricted for this band combination to 728 - 738 MHz for the UL and 783 - 793 MHz for the DL.  NOTE 14: PC3 or PC2 Uplink EN-DC configuration is applicable to EN-DC configurations.  NOTE 15: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements for intra-band non-contiguous EN-DC apply for the Band 42/48 and Band n77/n78 combination and for the Band 2 and Band n25 combinations. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.*  NOTE 16: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements for inter-band EN-DC apply when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB.  NOTE 17: Void.  NOTE 18: Void.  NOTE 19: The implementation with 3 low-band antennas is targeted for FWA form factor for this band combination in Release 17.  NOTE 20: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec between overlapping or partially overlapping DL bands contained in different cell groups.  NOTE 21: The downlink DC\_2\_n2 RESSENS requirements only apply when the band n2 downlink carrier is configured closer to the uplink operating band than the E-UTRA Band 2 downlink carrier. | |

#### 5.5B.4.3 Inter-band EN-DC configurations within FR1 (four bands)

Table 5.5B.4.3-1: Inter-band EN-DC configurations within FR1 (four bands)

| **EN-DC**  **configuration** | **Uplink EN-DC**  **configuration**  **(NOTE 1)** |
| --- | --- |
| DC\_1A-3A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_3A\_n3A4  DC\_3A\_n41A |
| DC\_1A-3A\_n3A-n77A2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A4  DC\_3A\_n77A |
| DC\_1A-3A\_n3A-n78A2 | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A4  DC\_3A\_n78A |
| DC\_1A-3A-5A\_n77A  DC\_1A-3A-5A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A |
| DC\_1A-3A-5A\_n78A2  DC\_1A-3A-5A\_n78C2  DC\_1A-3C-5A\_n78A  DC\_1A-1A-3A-5A\_n78A  DC\_1A-1A-3C-5A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_1A-3A-5A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_1A-3A\_n5A-n78A2  DC\_1A-3C\_n5A-n78A2 | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-3A-5A\_n79A2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A |
| DC\_1A-3A-7A\_n3A  DC\_1A-3A-7C\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A |
| DC\_1A-3A-7A\_n5A  DC\_1A-3A-7C\_n5A  DC\_1A-3C-7A\_n5A  DC\_1A-3C-7C\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A |
| DC\_1A-3A-7A\_n7A  DC\_1A-3C-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4 |
| DC\_1A-1A-3A-7A\_n7A  DC\_1A-1A-3C-7A\_n7A  DC\_1A-3A-3A-7A\_n7A  DC\_1A-1A-3A-3A-7A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4 |
| DC\_1A-3A-7A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A  DC\_7A\_n8A |
| DC\_1A-3A-7A\_n28A  DC\_1A-3A-7C\_n28A  DC\_1A-3C-7A\_n28A  DC\_1A-3C-7C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-1A-3A-7A\_n28A  DC\_1A-1A-3C-7A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A |
| DC\_1A-3A-7A\_n38A12,13 | CA\_1A-3A |
| DC\_1A-3A-7A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_7A\_n40A |
| DC\_1A-3A-7A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-7A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-7A-7A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-7A-7A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-7A\_n78A2  DC\_1A-3A-7C\_n78A  DC\_1A-3C-7A\_n78A2  DC\_1A-3C-7C\_n78A  DC\_1A-3A-7A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n78(2A)  DC\_1A-3C-7A\_n78(2A)  DC\_1A-3A-7C\_n78(2A)  DC\_1A-3C-7C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-1A-3A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A\_n7A-n78A  DC\_1A-3A\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A |
| DC\_1A-3A\_n7A-n78(2A)  DC\_1A-3C\_n7A-n78(2A) | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A  DC\_3C\_n7A  DC\_3C\_n78A |
| DC\_1A-3C\_n7A-n78A  DC\_1A-3C\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n78A  DC\_3A\_n7A  DC\_3A\_n78A  DC\_3C\_n7A  DC\_3C\_n78A |
| DC\_1A-3A-7A-7A\_n78A2  DC\_1A-1A-3C-7A\_n78A  DC\_1A-3A-7A-7A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A-7A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-8A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_1A-3A-8A\_n77A2  DC\_1A-3C-8A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n77(2A)2  DC\_1A-3C-8A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n77(3A)2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_1A\_n3A-n28A-n77A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A |
| DC\_1A\_n3A-n28A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A |
| DC\_1A-3A-8A\_n78A2  DC\_1A-3C-8A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-8A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_1A-3A-8A\_n79A2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_8A\_n79A |
| DC\_1A-3A-11A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_11A\_n28A |
| DC\_1A-3A-11A\_n77A2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-11A\_n77(2A) 2  DC\_1A-3A-11A\_n77(3A)2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-18A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_18A\_n3A |
| DC\_1A-3A-18A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_18A\_n28A |
| DC\_1A-3A-18A\_n41A | DC\_1A\_n41A  DC\_3A\_n41A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_1A-3A-19A\_n77A2  DC\_1A-3A-19A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A\_n77(2A)2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A\_n78A2  DC\_1A-3A-19A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A\_n79A2  DC\_1A-3A-19A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_1A-3A-20A\_n7A | DC\_1A\_n7A DC\_3A\_n7A DC\_20A\_n7A |
| DC\_1A-3A-20A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A  DC\_20A\_n8A |
| DC\_1A-3A-20A\_n28A3,8,14  DC\_1A-3C-20A\_n28A3,8,14 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-20A\_n38A | DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_1A-3A-20A\_n41A  DC\_1A-3C-20A\_n41A | DC\_1A\_n41A  DC\_3A\_n41A  DC\_3C\_n41A  DC\_20A\_n41A |
| DC\_1A-3A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-21A\_n77A2  DC\_1A-3A-21A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-21A\_n77(2A)2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-21A\_n78A2  DC\_1A-3A-21A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-21A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-21A\_n79A2  DC\_1A-3A-21A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-28A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_28A\_n3A |
| DC\_1A-3A-28A\_n5A  DC\_1A-3C-28A\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-28A\_n7A  DC\_1A-3C-28A\_n7A  DC\_1A-3A-28A\_n7B  DC\_1A-3C-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-3A-28A\_n7A  DC\_1A-3A-3A-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_28A\_n7A |
| DC\_1A-1A-3A-28A\_n7A  DC\_1A-1A-3C-28A\_n7A  DC\_1A-1A-3A-28A\_n7B  DC\_1A-1A-3C-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-1A-3A-3A-28A\_n7A  DC\_1A-1A-3A-3A-28A\_n7B | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A |
| DC\_1A-3A-28A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_28A\_n40A |
| DC\_1A-3A\_n28A-n41A2 | DC\_1A\_n28A  DC\_1A\_n41A  DC\_3A\_n28A  DC\_3A\_n41A |
| DC\_1A-3A\_n28A-n75A | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A-3C\_n28A-n75A | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A-3A-28A\_n77A2  DC\_1A-3A-28A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_1A-3A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_1A-3A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A |
| DC\_1A-3A-28A\_n78A2  DC\_1A-3C-28A\_n78A2  DC\_1A-3A-28A\_n78C2  DC\_1A-1A-3A-28A\_n78A  DC\_1A-1A-3C-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-28A\_n79A2  DC\_1A-3A-28A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_1A-3A\_n28A-n79A2 | DC\_1A\_n28A  DC\_1A\_n79A  DC\_3A\_n28A  DC\_3A\_n79A |
| DC\_1A\_n3A-n28A-n79A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n79A |
| DC\_1A-3A\_n28A-n78A2  DC\_1A-3C\_n28A-n78A2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-3A\_n28A-n78(2A)2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-3A-32A\_n28A  DC\_1A-3C-32A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A-3A-32A\_n78A  DC\_1A-3A-32A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-32A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3C-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A-3A-38A\_n28A  DC\_1A-3C-38A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A  DC\_38A\_n28A |
| DC\_1A-3A-38A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-38A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A\_n38A-n78A | DC\_1A\_n38A  DC\_1A\_n78A  DC\_3A\_n38A  DC\_3A\_n78A |
| DC\_1A-3A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_1A-3A-40A\_n78A  DC\_1A-3A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-40A\_n78(2A)  DC\_1A-3A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-41A\_n3A  DC\_1A-3A-41C\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_1A-3A-41A\_n28A2  DC\_1A-3A-41C\_n28A2 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_41A\_n28A  DC\_41C\_n28A |
| DC\_1A-3A-41A\_n41A | DC\_1A\_n41A  DC\_3A\_n41A |
| DC\_1A-3A-(n)41AA | DC\_1A\_n41A  DC\_3A\_n41A |
| DC\_1A-3A-41A\_n77A  DC\_1A-3A-41C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A-3A-41A\_n77(2A)  DC\_1A-3A-41C\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A-3A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A |
| DC\_1A-3A\_n41A-n77(2A) | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A |
| DC\_1A-3A-41A\_n78A  DC\_1A-3A-41C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A-3A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A |
| DC\_1A-3A\_n41A-n78(2A) | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A |
| DC\_1A-3A-41A\_n78(2A)  DC\_1A-3A-41C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A-3A-41A\_n79A2  DC\_1A-3A-41C\_n79A2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-42A\_n28A2  DC\_1A-3A-42C\_n28A2 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-3A-42A\_n77A7,8  DC\_1A-3A-42A\_n77C7,8  DC\_1A-3A-42C\_n77A7,8  DC\_1A-3A-42C\_n77C7,8  DC\_1A-3A-42D\_n77A7,8 | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A-42A\_n77(2A) 7,8  DC\_1A-3A-42C\_n77(2A) 7,8 | DC\_1A\_n77A  DC\_3A\_n77A |
| DC\_1A-3A-42A\_n78A7,8  DC\_1A-3A-42A\_n78C7,8  DC\_1A-3A-42C\_n78A7,8  DC\_1A-3A-42C\_n78C7,8  DC\_1A-3A-42D\_n78A7,8 | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-42A\_n79A  DC\_1A-3A-42A\_n79C  DC\_1A-3A-42C\_n79A  DC\_1A-3A-42C\_n79C  DC\_1A-3A-42D\_n79A | DC\_1A\_n79A  DC\_3A\_n79A |
| DC\_1A-3A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_1A\_n3A-n77A-n79A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A\_n3A-n77(2A)-n79A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-3A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_1A-3A\_SUL\_n78A-n80A | DC\_1A\_n78A  DC\_1A\_n80A  DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A |
| DC\_1A-5A-7A\_n77A | DC\_1A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-5A-7A\_n77(2A) | DC\_1A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-5A-7A-7A\_n77A | DC\_1A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-5A-7A-7A\_n77(2A) | DC\_1A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-5A-7A\_n78A  DC\_1A-5A-7A\_n78C  DC\_1A-1A-5A-7A\_n78A | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A\_n78(2A) | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A-7A\_n78A  DC\_1A-5A-7A-7A\_n78C | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-7A-7A\_n78(2A) | DC\_1A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-5A-41A\_n79A | DC\_1A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-7A\_n3A-n38A | DC\_1A\_n3A |
| DC\_1A-7A\_n3A-n78A  DC\_1A-7C\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_7A\_n3A  DC\_7C\_n3A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-7A\_n5A-n78A  DC\_1A-7C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_7A\_n5A  DC\_7A\_n78A  DC\_7C\_n5A  DC\_7C\_n78A |
| DC\_1A-7A\_n38A-n78A | DC\_1A\_n78A |
| DC\_1A-7A-8A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_8A\_n3A |
| DC\_1A-7A-8A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_1A-7A\_n7A-n78A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A-7A-8A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-7A-8A\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-7A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_1A-7A-20A\_n3A  DC\_1A-7C-20A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_7C\_n3A  DC\_20A\_n3A |
| DC\_1A-7A-20A\_n8A | DC\_1A\_n8A  DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_1A-7A-20A\_n28A3,8,14 | DC\_1A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-7A-20A\_n38A12,13 | CA\_1A-20A |
| DC\_1A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-20A\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-7A-28A\_n3A  DC\_1A-7C-28A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_1A-7A-28A\_n5A  DC\_1A-7C-28A\_n5A | DC\_1A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-7A-28A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-1A-7A-28A\_n7A | DC\_1A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-7A-28A\_n40A | DC\_1A\_n40A  DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_1A-7A-28A\_n78A  DC\_1A-7C-28A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_1A-1A-7A-28A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A\_n28A-n78A2  DC\_1A-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-7A-32A\_n3A  DC\_1A-7C-32A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A |
| DC\_1A-7A-32A\_n8A | DC\_1A\_n8A  DC\_7A\_n8A |
| DC\_1A-7A-32A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A |
| DC\_1A-7A-32A\_n78A | DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A-7A-38A\_n3A | DC\_1A\_n3A |
| DC\_1A-7A-38A\_n8A | DC\_1A\_n8A |
| DC\_1A-7A-38A\_n28A10 | DC\_1A\_n28A |
| DC\_1A-7A-38A\_n78A10 | DC\_1A\_n78A |
| DC\_1A-7A-40A\_n78A  DC\_1A-7A-40C\_n78A | DC\_1A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-7A-40A\_n78(2A)  DC\_1A-7A-40C\_n78(2A) | DC\_1A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-7A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_1A-8A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_8A\_n3A  DC\_8A\_n28A |
| DC\_1A-8A\_n3A-n77A2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_1A-8A\_n3A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_1A-8A\_n3A-n79A | DC\_1A\_n3A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n79A |
| DC\_1A-8A-11A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A  DC\_11A\_n3A |
| DC\_1A-8A-11A\_n28A | DC\_1A\_n28A  DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_1A-8A-11A\_n77A2 | DC\_1A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n77(2A)2  DC\_1A-8A-11A\_n77(3A)2 | DC\_1A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n78A2 | DC\_1A\_n78A  DC\_8A\_n78A  DC\_11A\_n78A |
| DC\_1A-8A-11A\_n79A2 | DC\_1A\_n79A  DC\_8A\_n79A  DC\_11A\_n79A |
| DC\_1A-8A-20A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A  DC\_20A\_n3A |
| DC\_1A-8A-20A\_n28A3,8,11,14 | DC\_1A\_n28A  DC\_8A\_n28A  DC\_20A\_n28A |
| DC\_1A-8A-20A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-8A-28A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A  DC\_28A\_n3A |
| DC\_1A-8A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-8A\_n28A-n77(2A)2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-8A-28A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_28A\_n78A |
| DC\_1A-8A\_n28A-n78A2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-8A\_n28A-n79A2 | DC\_1A\_n28A  DC\_1A\_n79A  DC\_8A\_n28A  DC\_8A\_n79A |
| DC\_1A-8A-32A\_n3A | DC\_1A\_n3A  DC\_8A\_n3A |
| DC\_1A-8A-32A\_n78A | DC\_1A\_n78A  DC\_8A\_n78A |
| DC\_1A-8A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_8A\_n40A  DC\_8A\_n78A |
| DC\_1A-8A-40A\_n78A  DC\_1A-8A-40C\_n78A | DC\_1A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-8A-40A\_n78(2A)  DC\_1A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-8A-42A\_n3A2  DC\_1A-8A-42C\_n3A2 | DC\_1A\_n3A  DC\_8A\_n3A  DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_1A-8A-42A\_n28A2  DC\_1A-8A-42C\_n28A2 | DC\_1A\_n28A  DC\_8A\_n28A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42A\_n77A7,8  DC\_1A-8A-42C\_n77A7,8 | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A-42A\_n77(2A) 7,8  DC\_1A-8A-42C\_n77(2A) 7,8 | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n77A-n79A  DC\_1A-8A\_n77(2A)-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-11A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_1A-11A\_n3A-n77A2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_1A-11A\_n3A-n79A | DC\_1A\_n3A  DC\_1A\_n79A  DC\_11A\_n3A  DC\_11A\_n79A |
| DC\_1A-11A-18A\_n3A | DC\_1A\_n3A  DC\_11A\_n3A  DC\_18A\_n3A |
| DC\_1A-11A-18A\_n28A | DC\_1A\_n28A  DC\_11A\_n28A  DC\_18A\_n28A |
| DC\_1A-11A-18A\_n41A | DC\_1A\_n41A  DC\_11A\_n41A  DC\_18A\_n41A |
| DC\_1A-11A-18A\_n77A | DC\_1A\_n77A  DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_1A-11A-18A\_n77(2A) | DC\_1A\_n77A  DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_1A-11A-18A\_n78A | DC\_1A\_n78A  DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_1A-11A-18A\_n78(2A) | DC\_1A\_n78A  DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_1A-11A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-11A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_1A-11A\_n77(2A)-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_1A-18A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_1A-18A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_1A-18A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_1A-18A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_1A-18A-28A\_n77A | DC\_1A\_n77A  DC\_18A\_n77A  DC\_28A\_n77A |
| DC\_1A-18A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_1A-18A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_1A-18A-28A\_n78A | DC\_1A\_n78A  DC\_18A\_n78A  DC\_28A\_n78A |
| DC\_1A-18A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_1A-18A\_n28A-n78(2A) | DC\_1A\_n28A  DC\_1A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_1A-18A-28A\_n79A2 | DC\_1A\_n79A  DC\_18A\_n79A  DC\_28A\_n79A |
| DC\_1A-18A-41A\_n3A  DC\_1A-18A-41C\_n3A | DC\_1A\_n3A  DC\_18A\_n3A  DC\_41A\_n3A  DC\_41C\_n3A |
| DC\_1A-18A-41A\_n77A  DC\_1A-18A-41C\_n77A | DC\_1A\_n77A  DC\_18A\_n77A  DC\_41A\_n77A  DC\_41C\_n77A |
| DC\_1A-18A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-18A\_n41A-n77(2A) | DC\_1A\_n41A  DC\_1A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-18A-41A\_n78A  DC\_1A-18A-41C\_n78A | DC\_1A\_n78A  DC\_18A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_1A-18A\_n41A-n78A | DC\_1A\_n41A  DC\_18A\_n41A  DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A\_n41A-n78(2A) | DC\_1A\_n41A  DC\_18A\_n41A  DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A-42A\_n77A7,8  DC\_1A-18A-42C\_n77A7,8 | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A-42A\_n78A7,8  DC\_1A-18A-42C\_n78A7,8 | DC\_1A\_n78A  DC\_18A\_n78A |
| DC\_1A-18A-42A\_n79A  DC\_1A-18A-42C\_n79A | DC\_1A\_n79A  DC\_18A\_n79A |
| DC\_1A-19A-21A\_n77A2  DC\_1A-19A-21A\_n77C2 | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-19A-21A\_n77(2A) 2 | DC\_1A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-19A-21A\_n78A2  DC\_1A-19A-21A\_n78C2 | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-19A-21A\_n78(2A) 2 | DC\_1A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-19A-21A\_n79A2  DC\_1A-19A-21A\_n79C2 | DC\_1A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-19A-42A\_n77A7,8  DC\_1A-19A-42A\_n77C7,8  DC\_1A-19A-42C\_n77A7,8  DC\_1A-19A-42C\_n77C7,8 | DC\_1A\_n77A  DC\_19A\_n77A |
| DC\_1A-19A-42A\_n78A7,8  DC\_1A-19A-42A\_n78C7,8  DC\_1A-19A-42C\_n78A7,8  DC\_1A-19A-42C\_n78C7,8 | DC\_1A\_n78A  DC\_19A\_n78A |
| DC\_1A-19A-42A\_n79A  DC\_1A-19A-42A\_n79C  DC\_1A-19A-42C\_n79A  DC\_1A-19A-42C\_n79C | DC\_1A\_n79A  DC\_19A\_n79A |
| DC\_1A-19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_1A-19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_1A-20A\_n3A-n38A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n38A  DC\_20A\_n38A |
| DC\_1A-20A\_n3A-n78A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A\_n7A-n78A | DC\_1A\_n7A  DC\_20A\_n7A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_1A-20A-28A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_1A-20A\_n28A-n75A | DC\_1A\_n28A  DC\_20A\_n28A |
| DC\_1A-20A-28A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-20A\_n28A-n78A2,3,8,14 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-20A-32A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-20A-32A\_n8A | DC\_1A\_n8A  DC\_20A\_n8A |
| DC\_1A-20A-32A\_n28A8,14 | DC\_1A\_n28A  DC\_20A\_n28A |
| DC\_1A-20A-32A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A-38A\_n3A | DC\_1A\_n3A  DC\_20A\_n3A |
| DC\_1A-20A-(n)38AA | DC\_1A\_n38A  DC\_20A\_n38A |
| DC\_1A-20A-38A\_n8A | DC\_1A\_n8A  DC\_20A\_n8A  DC\_38A\_n8A |
| DC\_1A-20A-38A\_n78A | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A-38A\_n78(2A) | DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A\_n38A-n78A | DC\_1A\_n38A  DC\_20A\_n38A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-20A-40A\_n78A  DC\_1A-20A-40C\_n78A | DC\_1A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_1A-20A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_20A\_n41A  DC\_20A\_n78A |
| DC\_1A-21A-28A\_n77A2 | DC\_1A\_n77A  DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_1A-21A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_21A\_n28A  DC\_21A\_n77A |
| DC\_1A-21A-28A\_n78A2 | DC\_1A\_n78A  DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_1A-21A\_n28A-n78A2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_21A\_n28A  DC\_21A\_n78A |
| DC\_1A-21A-28A\_n79A2 | DC\_1A\_n79A  DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_1A-21A\_n28A-n79A2 | DC\_1A\_n28A  DC\_1A\_n79A  DC\_21A\_n28A  DC\_21A\_n79A |
| DC\_1A-21A-42A\_n77A7,8  DC\_1A-21A-42A\_n77C7,8  DC\_1A-21A-42C\_n77A7,8  DC\_1A-21A-42C\_n77C7,8  DC\_1A-21A-42D\_n77A7,8  DC\_1A-21A-42D\_n77C7,8 | DC\_1A\_n77A  DC\_21A\_n77A |
| DC\_1A-21A-42A\_n78A7,8  DC\_1A-21A-42A\_n78C7,8  DC\_1A-21A-42C\_n78A7,8  DC\_1A-21A-42C\_n78C7,8  DC\_1A-21A-42D\_n78A7,8  DC\_1A-21A-42D\_n78C7,8 | DC\_1A\_n78A  DC\_21A\_n78A |
| DC\_1A-21A-42A\_n79A  DC\_1A-21A-42A\_n79C  DC\_1A-21A-42C\_n79A  DC\_1A-21A-42C\_n79C  DC\_1A-21A-42D\_n79A  DC\_1A-21A-42D\_n79C | DC\_1A\_n79A  DC\_21A\_n79A |
| DC\_1A-21A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-21A\_n78A-n79A | DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A-28A\_n3A-n77A2 | DC\_28A\_n3A  DC\_28A\_n77A |
| DC\_1A-28A\_n3A-n78A2 | DC\_1A\_n3A  DC\_1A\_n78A  DC\_28A\_n3A  DC\_28A\_n78A |
| DC\_1A-28A\_n5A-n78A2 | DC\_1A\_n5A  DC\_1A\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
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| DC\_1A-28A\_n7B-n78A | DC\_1A\_n7A  DC\_1A\_n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A-28A-32A\_n3A | DC\_1A\_n3A  DC\_28A\_n3A |
| DC\_1A-28A-40A\_n78A  DC\_1A-28A-40C\_n78A | DC\_1A\_n78A  DC\_28A\_n78A  DC\_40A\_n78A |
| DC\_1A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-28A-42A\_n77A7,8  DC\_1A-28A-42A\_n77C7,8  DC\_1A-28A-42C\_n77A7,8  DC\_1A-28A-42C\_n77C7,8 | DC\_1A\_n77A  DC\_28A\_n77A |
| DC\_1A-28A-42A\_n78A7,8  DC\_1A-28A-42A\_n78C7,8  DC\_1A-28A-42C\_n78A7,8  DC\_1A-28A-42C\_n78C7,8 | DC\_1A\_n78A  DC\_28A\_n78A |
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| DC\_1A-41A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_41A\_n3A |
| DC\_1A\_n28A-n77A-n79A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A\_n28A-n78A-n79A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_1A\_n79A |
| DC\_1A-38A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_38A\_n3A  DC\_38A\_n78A |
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| DC\_1A-41C\_n3A-n77A | DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
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| DC\_1A-41C\_n3A-n78A | DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
| DC\_1A-41A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_41A\_n28A |
| DC\_1A-41A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A |
| DC\_1A-41C\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
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| DC\_1A-41C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
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| DC\_1A-42C\_n3A-n28A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_42A\_n3A  DC\_42A\_n28A  DC\_42C\_n3A  DC\_42C\_n28A |
| DC\_1A-42A\_n3A-n77A7,8 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A |
| DC\_1A-42A\_n3A-n77(2A) 7,8 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A |
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| DC\_1A-42C\_n3A-n77(2A)7,8 | DC\_1A\_n3A  DC\_1A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A |
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| DC\_1A-42C\_n28A-n77A7,8 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-42C\_n28A-n77(2A)7,8 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
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| DC\_1A-41A-42A\_n78A7,8  DC\_1A-41A-42C\_n78A7,8  DC\_1A-41C-42A\_n78A7,8  DC\_1A-41C-42C\_n78A7,8 | DC\_1A\_n78A  DC\_41A\_n78A |
| DC\_1A-41A-42A\_n79A  DC\_1A-41A-42C\_n79A  DC\_1A-41C-42A\_n79A  DC\_1A-41C-42C\_n79A | DC\_1A\_n79A  DC\_41A\_n79A |
| DC\_1A-42A\_n77A-n79A7,8  DC\_1A-42C\_n77A-n79A7,8 | DC\_1A\_n77A  DC\_1A\_n79A |
| DC\_1A-42A\_n78A-n79A7,8  DC\_1A-42C\_n78A-n79A7,8 | DC\_1A\_n78A  DC\_1A\_n79A |
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| DC\_2A-5A\_n2A-n77A  DC\_2A-5A\_n2A-n77C | DC\_2A\_n77A  DC\_5A\_n2A  DC\_5A\_n77A |
| DC\_2A-5A\_n2A-n78A | DC\_5A\_n2A  DC\_2A\_n78A  DC\_5A\_n78A |
| DC\_2A-5A\_n5A-n77A  DC\_2A-5A\_n5A-n77C | DC\_2A\_n5A  DC\_2A\_n77A  DC\_5A\_n77A |
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| DC\_2A-12A-(n)5AA | DC\_2A\_n5A  DC\_12A\_n5A  DC\_(n)5AA4 |
| DC\_2A-5A-30A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_30A\_n2A |
| DC\_2A-5A-30A\_n66A | DC\_2A\_n66A  DC\_5A\_n66A  DC\_30A\_n66A |
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| DC\_2A-5A-48A\_n12A | DC\_2A\_n12A  DC\_5A\_n12A  DC\_48A\_n12A |
| DC\_2A-5A-48A\_n77A7,8,9  DC\_2A-5A-48A\_n77C7,8,9  DC\_2A-5A-48C\_n77A7,8,9  DC\_2A-5A-48C\_n77C7,8,**9** | DC\_2A\_n77A DC\_5A\_n77A |
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| DC\_2A-5A-5A-66A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_66A\_n2A |
| DC\_2A-5A-66A-66A\_n2A  DC\_2A-5B-66A-66A\_n2A | DC\_2A\_n2A4  DC\_5A\_n2A  DC\_66A\_n2A |
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| DC\_2A-5A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
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| DC\_2A-7C-13A\_n25A7,8 | DC\_7A\_n25A DC\_13A\_n25A |
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| DC\_2A-7A-7A-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_2A-2A-7A-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
| DC\_2A-2A-7A-7A-13A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_13A\_n66A |
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| DC\_2A-7A-7A\_n25A-n66A8,14 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A |
| DC\_2A-7C\_n25A-n66A8,14 | DC\_2A\_n66A DC\_7A\_n25A DC\_7A\_n66A |
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| DC\_2A-7A-28A\_n78A  DC\_2A-7C-28A\_n78A | DC\_2A\_n78A DC\_7A\_n78A  DC\_7C\_n78A DC\_28A\_n78A |
| DC\_2A-7A\_n38A-n66A  DC\_2A-7C\_n38A-n66A | DC\_2A\_n38A  DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-7A-7A\_n38A-n66A | DC\_2A\_n38A  DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-7A-29A\_n78A  DC\_2A-7C-29A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A-7A-7A-29A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A |
| DC\_2A-7A\_n38A-n78A  DC\_2A-7C\_n38A-n78A | DC\_2A\_n78A |
| DC\_2A-7A-7A\_n38A-n78A | DC\_2A\_n78A |
| DC\_2A-7A-66A\_n2A | DC\_7A\_n2A  DC\_66A\_n2A |
| DC\_2A-7A-66A\_n7A | DC\_2A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
| DC\_2A-7A-66A-66A\_n7A | DC\_2A\_n7A  DC\_7A\_n7A4  DC\_66A\_n7A |
| DC\_2A-7A-66A\_n25A7,8 | DC\_7A\_n25A DC\_66A\_n25A |
| DC\_2A-7A-7A-66A\_n25A7,8 | DC\_7A\_n25A DC\_66A\_n25A |
| DC\_2A-7C-66A\_n25A7,8 | DC\_7A\_n25A DC\_66A\_n25A |
| DC\_2A-7A-66A\_n28A | DC\_2A\_n28A  DC\_7A\_n28A  DC\_66A\_n28A |
| DC\_2A-7A-66A\_n38A | 2A5  66A5 |
| DC\_2A-2A-7A-66A\_n38A | 2A5  66A5 |
| DC\_2A-7A-66A\_n66A  DC\_2A-7C-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-7A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-66A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-7A-66A-66A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-7A-66A\_n71A | DC\_2A\_n71A  DC\_7A\_n71A  DC\_66A\_n71A |
| DC\_2A-2A-7A-66A\_n71A | DC\_2A\_n71A  DC\_7A\_n71A  DC\_66A\_n71A |
| DC\_2A-7A-66A\_n77A  DC\_2A-7C-66A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A-66A\_n77(2A)  DC\_2A-7C-66A\_n77(2A) | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A-7A-66A\_n77A | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A-7A-66A\_n77(2A) | DC\_2A\_n77A  DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_2A-7A\_n66A-n77A  DC\_2A-7C\_n66A-n77A  DC\_2A-7A-7A\_n66A-n77A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_2A\_n77A  DC\_7A\_n77A |
| DC\_2A-7A-66A\_n78A  DC\_2A-7C-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-2A-7A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A\_n66A-n78A  DC\_2A-7C\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_2A-7A-66A\_n78(2A)  DC\_2A-7C-66A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-7A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_2A-7A-7A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-66A-66A\_n78A  DC\_2A-7C-66A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-66A-66A\_n78(2A)  DC\_2A-7C-66A-66A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-7A-66A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-7A-66A-66A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-7A-66A-66A\_n78(2A) | DC\_2A\_n78A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_2A-7A-71A\_n2A | DC\_7A\_n2A  DC\_71A\_n2A |
| DC\_2A-7A-71A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_71A\_n66A |
| DC\_2A-2A-7A-71A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A  DC\_71A\_n66A |
| DC\_2A-7A-71A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_71A\_n78A |
| DC\_2A-2A-7A-71A\_n78A | DC\_2A\_n78A  DC\_7A\_n78A  DC\_71A\_n78A |
| DC\_2A-7A\_n71A-n78A | DC\_2A\_n71A DC\_7A\_n71A DC\_2A\_n78A DC\_7A\_n78A |
| DC\_2A-12A\_n2A-n78A | DC\_12A\_n2A DC\_2A\_n78A DC\_7A\_n78A |
| DC\_2A-12A-30A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A |
| DC\_2A-12A-48A\_n5A | DC\_2A\_n5A  DC\_12A\_n5A  DC\_48A\_n5A |
| DC\_2A-12A-66A\_n5A | DC\_2A\_n5A  DC\_12A\_n5A  DC\_66A\_n5A |
| DC\_2A-12A-30A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_30A\_n66A |
| DC\_2A-2A-12A-30A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_30A\_n66A |
| DC\_2A-12A-30A\_n77A9  DC\_2A-2A-12A-30A\_n77A9 | DC\_2A\_n77A9  DC\_12A\_n77A9  DC\_30A\_n77A9 |
| DC\_2A-12A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_2A-12A-66A-66A\_n2A | DC\_12A\_n2A  DC\_66A\_n2A |
| DC\_2A-12A-66A\_n30A | DC\_2A\_n30A  DC\_12A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-12A-66A\_n30A | DC\_2A\_n30A  DC\_12A\_n30A  DC\_66A\_n30A |
| DC\_2A-12A-66A-66A\_n30A | DC\_2A\_n30A  DC\_12A\_n30A  DC\_66A\_n30A |
| DC\_2A-12A-66A\_n41A | DC\_2A\_n41A  DC\_12A\_n41A  DC\_66A\_n41A |
| DC\_2A-2A-12A-66A\_n41A | DC\_2A\_n41A  DC\_12A\_n41A  DC\_66A\_n41A |
| DC\_2A-12A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-12A-66A\_n66A | DC\_2A\_n66A  DC\_12A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-12A-66A\_n77A9  DC\_2A-2A-12A-66A\_n77A9  DC\_2A-12A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_12A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-12A-66A\_n78A | DC\_2A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_2A-2A-12A-66A\_n78A | DC\_2A\_n78A  DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_2A-12A\_n66A-n78A | DC\_2A\_n66A DC\_12A\_n66A DC\_2A\_n78A DC\_12A\_n78A |
| DC\_2A-13A\_n2A-n77A  DC\_2A-13A\_n2A-n77C | DC\_2A\_n77A  DC\_13A\_n2A  DC\_13A\_n77A |
| DC\_2A-13A\_n5A-n77A**9**  DC\_2A-2A-13A\_n5A-n77A**9**  DC\_2A-13A\_n5A-n77C9 | DC\_2A\_n5A  DC\_2A\_n77A DC\_13A\_n77A |
| DC\_2A-13A\_n25A-n66A8,14 | DC\_2A\_n66A DC\_13A\_n25A DC\_13A\_n66A |
| DC\_2A-13A-48A\_n77A7,8,9  DC\_2A-13A-48A\_n77C7,8,9  DC\_2A-13A-48C\_n77A7,8,9  DC\_2A-13A-48C\_n77C7,8,9 | DC\_2A\_n77A  DC\_13A\_n77A |
| DC\_2A-13A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_2A-13A-66A-66A\_n2A | DC\_13A\_n2A  DC\_66A\_n2A |
| DC\_2A-13A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-13A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-13A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-13A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-13A-66A\_n48A  DC\_2A-13A-66A\_n48B | DC\_2A\_n48A  DC\_13A\_n48A  DC\_66A\_n48A |
| DC\_2A-13A-66A-66A\_n48A  DC\_2A-13A-66A-66A\_n48B | DC\_2A\_n48A  DC\_13A\_n48A  DC\_66A\_n48A |
| DC\_2A-13A-66A\_n66A  DC\_2A-2A-13A-66A\_n66A  DC\_2A-13A-66A-66A\_n66A  DC\_2A-2A-13A-66A-66A\_n66A | DC\_2A\_n66A  DC\_13A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-13A-66B\_n66A | DC\_2A\_n66A  DC\_13A\_n66A |
| DC\_2A-13A-66A\_n77A9  DC\_2A-13A-66A\_n77C9  DC\_2A-2A-13A-66A\_n77C9  DC\_2A-2A-13A-66A-66A\_n77A  DC\_2A-13A-66A-66A\_n77C9 | DC\_2A\_n77A9  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-2A-13A-66A\_n77A9 | DC\_2A\_n77A9  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-13A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_13A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-13A\_n66A-n77A9  DC\_2A-13A\_n66A-n77C9  DC\_2A-2A-13A\_n66A-n77A9 | DC\_2A\_n66A  DC\_2A\_n77A9  DC\_13A\_n66A  DC\_13A\_n77A9 |
| DC\_2A-14A-30A\_n2A | DC\_2A\_n2A4  DC\_14A\_n2A  DC\_30A\_n2A |
| DC\_2A-14A-30A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-14A-30A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-14A-30A\_n77A9  DC\_2A-2A-14A-30A\_n77A9 | DC\_2A\_n77A9  DC\_14A\_n77A9  DC\_30A\_n77A9 |
| DC\_2A-14A-66A\_n2A | DC\_2A\_n2A4  DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_2A-14A-66A-66A\_n2A | DC\_2A\_n2A4  DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_2A-14A-66A\_n30A | DC\_2A\_n30A  DC\_14A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-14A-66A\_n30A | DC\_2A\_n30A  DC\_14A\_n30A  DC\_66A\_n30A |
| DC\_2A-14A-66A-66A\_n30A | DC\_2A\_n30A  DC\_14A\_n30A  DC\_66A\_n30A |
| DC\_2A-14A-66A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-14A-66A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-14A-66A\_n77A9  DC\_2A-2A-14A-66A\_n77A9  DC\_2A-14A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_14A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-28A-66A\_n7A | DC\_2A\_n7A  DC\_28A\_n7A  DC\_66A\_n7A |
| DC\_2A-28A-66A\_n66A | DC\_2A\_n66A  DC\_28A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-29A-30A\_n2A | DC\_2A\_n2A4  DC\_30A\_n2A |
| DC\_2A-29A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A |
| DC\_2A-2A-29A-30A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A |
| DC\_2A-29A-30A\_n77A9  DC\_2A-2A-29A-30A\_n77A9 | DC\_2A\_n77A9  DC\_30A\_n77A9 |
| DC\_2A-29A-66A\_n2A | DC\_2A\_n2A4  DC\_66A\_n2A |
| DC\_2A-29A-66A-66A\_n2A | DC\_2A\_n2A4  DC\_66A\_n2A |
| DC\_2A-29A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-2A-29A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-29A-66A-66A\_n30A | DC\_2A\_n30A  DC\_66A\_n30A |
| DC\_2A-29A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-29A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-29A-66A\_n77A9 | DC\_2A\_n77A9  DC\_66A\_n77A**9** |
| DC\_2A-29A-66A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A-30A-(n)5AA  DC\_2A-2A-30A-(n)5AA | DC\_2A\_n5A  DC\_30A\_n5A  DC\_(n)5AA4 |
| DC\_2A-30A-66A\_n2A | DC\_2A\_n2A4  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_2A-30A-66A-66A\_n2A | DC\_2A\_n2A4  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_2A-30A-66A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-30A-66A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_2A-30A-66A-66A\_n5A | DC\_2A\_n5A  DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_2A-30A-66A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-2A-30A-66A\_n66A | DC\_2A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_2A-30A-66A\_n77A9  DC\_2A-2A-30A-66A\_n77A9  DC\_2A-30A-66A-66A\_n77A9 | DC\_2A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-46A\_n41A-n66A  DC\_2A-46C\_n41A-n66A  DC\_2A-46D\_n41A-n66A | DC\_2A\_n41A  DC\_2A\_n66A |
| DC\_2A-46A\_n41A-n71A  DC\_2A-46C\_n41A-n71A  DC\_2A-46D\_n41A-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A-46A\_n41(2A)-n71A  DC\_2A-46C\_n41(2A)-n71A  DC\_2A-46D\_n41(2A)-n71A | DC\_2A\_n41A  DC\_2A\_n71A |
| DC\_2A-46A-48A\_n2A  DC\_2A-46C-48A\_n2A  DC\_2A-46D-48A\_n2A  DC\_2A-46E-48A\_n2A | DC\_2A\_n2A4  DC\_48A\_n2A |
| DC\_2A-46A-48A\_n5A  DC\_2A-46C-48A\_n5A  DC\_2A-46D-48A\_n5A  DC\_2A-46E-48A\_n5A | DC\_2A\_n5A  DC\_48A\_n5A |
| DC\_2A-46A-48A\_n66A  DC\_2A-46C-48A\_n66A  DC\_2A-46D-48A\_n66A  DC\_2A-46E-48A\_n66A | DC\_2A\_n66A  DC\_48A\_n66A |
| DC\_2A-46A-66A\_n5A  DC\_2A-46C-66A\_n5A  DC\_2A-46D-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-46A-66A\_n41A  DC\_2A-46C-66A\_n41A  DC\_2A-46D-66A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-46A-66A\_n41(2A)  DC\_2A-46C-66A\_n41(2A)  DC\_2A-46D-66A\_n41(2A) | DC\_2A\_n41A  DC\_66A\_n41A |
| DC\_2A-46A-66A\_n71A  DC\_2A-46C-66A\_n71A  DC\_2A-46D-66A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-48A-(n)5AA | DC\_2A\_n5A  DC\_48A\_n5A  DC\_(n)5AA4 |
| DC\_2A-46A\_n66A-n71A  DC\_2A-46C\_n66A-n71A  DC\_2A-46D\_n66A-n71A | DC\_2A\_n66A  DC\_2A\_n71A |
| DC\_2A-48A\_n48A-n66A | DC\_2A\_n48A  DC\_2A\_n66A  DC\_48A\_n66A |
| DC\_2A-48A-66A\_n2A  DC\_2A-48C-66A\_n2A  DC\_2A-48D-66A\_n2A  DC\_2A-48E-66A\_n2A | DC\_66A\_n2A  DC\_48A\_n2A  DC\_2A\_n2A**4** |
| DC\_2A-48A-66A\_n5A | DC\_2A\_n5A  DC\_48A\_n5A  DC\_66A\_n5A |
| DC\_2A-48C-66A\_n5A  DC\_2A-48D-66A\_n5A  DC\_2A-48E-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-48A-66A\_n12A | DC\_2A\_n12A  DC\_48A\_n12A  DC\_66A\_n12A |
| DC\_2A-48A-66A\_n66A  DC\_2A-48C-66A\_n66A  DC\_2A-48D-66A\_n66A  DC\_2A-48E-66A\_n66A | DC\_66A\_n66A4  DC\_48A\_n66A  DC\_2A\_n66A |
| DC\_2A-48A-66A\_n71A | DC\_2A\_n71A  DC\_48A\_n71A  DC\_66A\_n71A |
| DC\_2A-48A-66A\_n77A7,8,9  DC\_2A-48C-66A\_n77A7,8,9  DC\_2A-48A-66A\_n77C7,8,9  DC\_2A-48C-66A\_n77C7,8,9  DC\_2A-48D-66A\_n77A7,8,9  DC\_2A-48E-66A\_n77A7,8,9 | DC\_2A\_n77A  DC\_66A\_n77A |
| DC\_2A-66A\_n2A-n77A  DC\_2A-66A\_n2A-n77C | DC\_2A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_2A-66A-66A\_n2A-n77A | DC\_2A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
| DC\_2A-66A-(n)5AA  DC\_2A-2A-66A-(n)5AA  DC\_2A-66A-66A-(n)5AA | DC\_2A\_n5A  DC\_66A\_n5A  DC\_(n)5AA4 |
| DC\_2A-66A\_n2A-n78A | DC\_66A\_n2A DC\_2A\_n78A DC\_66A\_n78A |
| DC\_2A-66A\_n5A-n77A9  DC\_2A-2A-66A\_n5A-n77A9  DC\_2A-66A-66A\_n5A-n77A9  DC\_2A-66A\_n5A-n77C9 | DC\_2A\_n5A  DC\_2A\_n77A9  DC\_5A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A9 |
| DC\_2A-66A\_n25A-n66A7,8 | DC\_2A\_n66A DC\_66A\_n25A |
| DC\_2A-66A\_n38A-n78A | DC\_2A\_n38A  DC\_2A\_n78A  DC\_66A\_n38A  DC\_66A\_n78A |
| DC\_2A-66A-71A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A  DC\_71A\_n38A |
| DC\_2A-2A-66A-71A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A  DC\_71A\_n38A |
| DC\_2A-66A-71A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A  DC\_71A\_n41A |
| DC\_2A-2A-66A-71A\_n41A | DC\_2A\_n41A  DC\_66A\_n41A  DC\_71A\_n41A |
| DC\_2A-66A-71A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A4  DC\_71A\_n66A |
| DC\_2A-66A-71A\_n71A | DC\_2A\_n71A  DC\_66A\_n71A |
| DC\_2A-66A-71A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_2A-2A-66A-71A\_n78A | DC\_2A\_n78A  DC\_66A\_n78A  DC\_71A\_n78A |
| DC\_2A-66A-(n)71AA  DC\_2A-66C-(n)71AA | DC\_2A\_n71A  DC\_66A\_n71A  DC\_(n)71AA |
| DC\_2A-66A\_n41A-n71A  DC\_2A-66A\_n41C-n71A | DC\_2A\_n41A  DC\_2A\_n71A  DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_2A-66A\_n41(2A)-n71A | DC\_2A\_n41A  DC\_2A\_n71A  DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_2A-66A\_n66A-n77A9  DC\_2A-2A-66A\_n66A-n77A**9**  DC\_2A-66A\_n66A-n77C9 | DC\_2A\_n66A  DC\_2A\_n77A9  DC\_66A\_n77A9 |
| DC\_2A-66A\_n66A-n78A | DC\_2A\_n66A  DC\_2A\_n78A  DC\_66A\_n66A4 |
| DC\_2A-66A-71A\_n2A | DC\_66A\_n2A  DC\_71A\_n2A |
| DC\_2A-66A\_n71A-n78A | DC\_2A\_n71A DC\_66A\_n71A DC\_2A\_n78A DC\_66A\_n78A |
| DC\_2A-71A\_n2A-n78A | DC\_71A\_n2A DC\_2A\_n78A DC\_7A\_n78A |
| DC\_2A-71A\_n66A-n78A | DC\_2A\_n66A DC\_71A\_n66A DC\_2A\_n78A DC\_71A\_n78A |
| DC\_3A\_n1A-n8A-n78A2 | DC\_3A\_n1A  DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_3A-3A\_n1A-n8A-n78A2 | DC\_3A\_n1A  DC\_3A\_n8A  DC\_3A\_n78A |
| DC\_3A\_n1A-n40A-n78A | DC\_3A\_n1A  DC\_3A\_n40A  DC\_3A\_n78A |
| DC\_3A\_n1A-n77A-n79A | DC\_3A\_n1A  DC\_3A\_n77A  DC\_3A\_n79A |
| DC\_3A\_n1A-n78A-n79A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n79A |
| DC\_3A-5A-7A\_n77A | DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_3A-5A-7A\_n77(2A) | DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_3A-5A-7A-7A\_n77A | DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_3A-5A-7A-7A\_n77(2A) | DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_3A-5A-7A\_n78A  DC\_3C-5A-7A\_n78A  DC\_3A-5A-7A\_n78C | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A-7A\_n78(2A) | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A-7A-7A\_n78A  DC\_3A-5A-7A-7A\_n78C | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A-5A-7A-7A\_n78(2A) | DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_3A\_n5A-n40A-n78A | DC\_3A\_n5A  DC\_3A\_n40A  DC\_3A\_78A |
| DC\_3A-7A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A  DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_3A-3A-7A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A  DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_3A-7A-7A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A  DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_3A-3A-7A-7A\_n1A-n8A | DC\_3A\_n1A  DC\_3A\_n8A  DC\_7A\_n1A  DC\_7A\_n8A |
| DC\_3A-7A\_n1A-n40A | DC\_3A\_n1A  DC\_3A\_n40A  DC\_7A\_n1A  DC\_7A\_n40A |
| DC\_3A-7A\_n1A-n78A2  DC\_3C-7A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_3A-3A-7A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_3A-7A-7A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_3A-3A-7A-7A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A |
| DC\_3A-7C\_n1A-n78A  DC\_3C-7C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3C\_n1A  DC\_3C\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7C\_n1A  DC\_7C\_n78A |
| DC\_3A-5A-41A\_n79A | DC\_3A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
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| DC\_3A-7C\_n3A-n78A | DC\_3A\_n3A4 DC\_7A\_n3A DC\_7C\_n3A DC\_3A\_n78A  DC\_7C\_n78A DC\_7A\_n78A |
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| DC\_3A-7A\_n7A-n78A2 | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_3A-3A-7A\_n7A-n78A2 | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_3C-7A\_n7A-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A |
| DC\_3A-7A-8A\_n1A  DC\_3C-7A-8A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-3A-7A-8A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-7A-7A-8A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-3A-7A-7A-8A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_8A\_n1A |
| DC\_3A-7A-8A\_n28A | DC\_3A\_n28A  DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_3A-7A-8A\_n40A | DC\_3A\_n40A  DC\_7A\_n40A DC\_8A\_n40A |
| DC\_3A-7A-8A\_n77A2 | DC\_3A\_n77A  DC\_7A\_n77A  DC\_8A\_n77A |
| DC\_3A-7A-8A\_n78A2, 9 | DC\_3A\_n78A9  DC\_7A\_n78A 9  DC\_8A\_n78A9 |
| DC\_3A-7A-8A\_n78(2A) | DC\_3A\_n78A,  DC\_7A\_n78A,  DC\_8A\_n78A |
| DC\_3A-3A-7A-8A\_n78A2, 9 | DC\_3A\_n78A9  DC\_7A\_n78A9  DC\_8A\_n78A9 |
| DC\_3A-7A-7A-8A\_n78A2, 9 | DC\_3A\_n78A9  DC\_7A\_n78A9  DC\_8A\_n78A9 |
| DC\_3A-3A-7A-7A-8A\_n78A2, 9 | DC\_3A\_n78A9  DC\_7A\_n78A9  DC\_8A\_n78A9 |
| DC\_3A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-3A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-7A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-3A-7A-7A\_n8A-n78A2 | DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-7A-20A\_n1A  DC\_3C-7A-20A\_n1A  DC\_3A-7C-20A\_n1A  DC\_3C-7C-20A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_7C\_n1A  DC\_20A\_n1A |
| DC\_3A-7A-20A\_n8A | DC\_3A\_n8A  DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_3A-7A-20A\_n28A3,8,14  DC\_3C-7A-20A\_n28A3 | DC\_3A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_3A-7A-20A\_n38A12,13 | CA\_3A-20A |
| DC\_3A-7A-20A\_n78A2  DC\_3C-7A-20A\_n78A2 | DC\_3A\_n78A  DC\_3C\_n78A  DC\_20A\_n78A  DC\_7A\_n78A |
| DC\_3A-7A-20A\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_3A-7A-28A\_n1A  DC\_3C-7A-28A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_7A\_n1A  DC\_28A\_n1A |
| DC\_3A-7A-7A-28A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_28A\_n1A |
| DC\_3A-7A-28A\_n3A  DC\_3A-7C-28A\_n3A | DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_3A-7A-28A\_n5A  DC\_3A-7C-28A\_n5A  DC\_3C-7A-28A\_n5A  DC\_3C-7C-28A\_n5A | DC\_3A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_3A-7A-28A\_n7A  DC\_3C-7A-28A\_n7A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_3A-3A-7A-28A\_n7A | DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_3A-7A-28A\_n40A | DC\_3A\_n40A  DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_3A-7A-28A\_n78A2, 9  DC\_3A-7C-28A\_n78A2, 9  DC\_3C-7A-28A\_n78A9  DC\_3C-7C-28A\_n78A9 | DC\_3A\_n78A9  DC\_3C\_n78A9  DC\_7A\_n78A9  DC\_7C\_n78A9  DC\_28A\_n78A9 |
| DC\_3A-7A\_n28A-n78A2, 9  DC\_3A-7C\_n28A-n78A9  DC\_3C-7A\_n28A-n78A9  DC\_3C-7C\_n28A-n78A9 | DC\_3A\_n28A  DC\_3A\_n78A9  DC\_3C\_n78A9  DC\_7A\_n28A  DC\_7A\_n78A9  DC\_7C\_n28A  DC\_7C\_n78A9 |
| DC\_3A-7A-32A\_n1A | DC\_3A\_n1A  DC\_7A\_n1A |
| DC\_3A-7A-32A\_n28A  DC\_3C-7A-32A\_n28A | DC\_3A\_n28A  DC\_7A\_n28A |
| DC\_3A-7A-32A\_n78A  DC\_3C-7A-32A\_n78A | DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A |
| DC\_3A-7A-38A\_n28A10  DC\_3C-7A-38A\_n28A10 | DC\_3A\_n28A |
| DC\_3A-7A\_n38A-n78A | DC\_3A\_n78A |
| DC\_3A-7A-40A\_n1A  DC\_3A-7A-40C\_n1A | DC\_3A\_n1A  DC\_7A\_n1A  DC\_40A\_n1A |
| DC\_3A-7A-40A\_n78A  DC\_3A-7A-40C\_n78A | DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A-40A\_n78(2A)  DC\_3A-7A-40C\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_3A-7A\_SUL\_n78A-n80A  DC\_3C-7A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_7A\_n78A  DC\_7A\_n80A |
| DC\_3A-8A\_n1A-n28A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_3A-8A\_n1A-n40A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_3A\_n40A  DC\_8A\_n40A |
| DC\_3A-8A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_3A-3A-8A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_3A-8A-11A\_n28A | DC\_3A\_n28A  DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_3A-8A-11A\_n77A2 | DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_3A-8A-11A\_n77(2A) 2  DC\_3A-8A-11A\_n77(3A)2 | DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_3A-8A-20A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_3A-8A-20A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_3A-8A\_n28A-n77A2 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_3A-8A\_n28A-n77(2A)2 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_3A-8A-28A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_28A\_n78A |
| DC\_3A-8A\_n28A-n78A2 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_3A-8A-32A\_n1A | DC\_3A\_n1A  DC\_8A\_n1A |
| DC\_3A-8A-32A\_n28A  DC\_3C-8A-32A\_n28A | DC\_3A\_n28A  DC\_8A\_n28A |
| DC\_3A-8A-32A\_n78A | DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_3A-8A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_8A\_n40A  DC\_8A\_n78A |
| DC\_3A-8A-40A\_n1A  DC\_3A-8A-40C\_n1A | DC\_3A\_n1A  DC\_8A\_n1A  DC\_40A\_n1A |
| DC\_3A-8A-40A\_n78A  DC\_3A-8A-40C\_n78A | DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-8A-40A\_n78(2A)  DC\_3A-8A-40C\_n78(2A) | DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-8A\_n40A-n79A | DC\_3A\_n40A  DC\_3A\_n79A  DC\_8A\_n40A  DC\_8A\_n79A |
| DC\_3A-8A-42A\_n77A7,8  DC\_3A-8A-42C\_n77A7,8 | DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_3A-8A\_n77A-n79A | DC\_3A\_n77A  DC\_3A\_n79A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_3A-8A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_8A\_n78A  DC\_8A\_n80A |
| DC\_3A-11A\_n28A-n77A2 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-11A\_n28A-n77(2A) 2 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_3A-18A\_n3A-n41A | DC\_3A\_n3A4  DC\_3A\_n41A  DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_3A-18A\_n3A-n77A | DC\_3A\_n3A4  DC\_3A\_n77A  DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_3A-18A\_n3A-n78A | DC\_3A\_n3A4  DC\_3A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_3A-18A\_n28A-n41A | DC\_3A\_n28A  DC\_3A\_n41A  DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_3A-18A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_3A-18A\_n28A-n77(2A) | DC\_3A\_n28A  DC\_3A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_3A-18A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_3A-18A\_n28A-n78(2A) | DC\_3A\_n28A  DC\_3A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_3A-18A\_n41A-n77A | DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_3A-18A\_n41A-n77(2A) | DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_3A-18A\_n41A-n78A | DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_3A-18A\_n41A-n78(2A) | DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
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| DC\_3A-18A-42A\_n78A7,8  DC\_3A-18A-42C\_n78A7,8 | DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_3A-18A-42A\_n79A  DC\_3A-18A-42C\_n79A | DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_3A-19A\_n1A-n77A2 | DC\_3A\_n1A  DC\_3A\_n77A  DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_3A-19A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_19A\_n1A  DC\_19A\_n78A |
| DC\_3A-19A\_n1A-n79A2 | DC\_3A\_n1A  DC\_3A\_n79A  DC\_19A\_n1A  DC\_19A\_n79A |
| DC\_3A-19A-21A\_n77A2  DC\_3A-19A-21A\_n77C2 | DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_3A-19A-21A\_n78A2  DC\_3A-19A-21A\_n78C2 | DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_3A-19A-21A\_n79A2  DC\_3A-19A-21A\_n79C2 | DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_3A-19A-42A\_n1A2  DC\_3A-19A-42C\_n1A2 | DC\_3A\_n1A  DC\_19A\_n1A  DC\_42A\_n1A |
| DC\_3A-19A-42A\_n77A7,8  DC\_3A-19A-42A\_n77C7,8  DC\_3A-19A-42C\_n77A7,8  DC\_3A-19A-42C\_n77C7,8  DC\_3A-19A-42D\_n77A7,8  DC\_3A-19A-42D\_n77C7,8 | DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_3A-19A-42A\_n78A7,8  DC\_3A-19A-42A\_n78C7,8  DC\_3A-19A-42C\_n78A7,8  DC\_3A-19A-42C\_n78C7,8  DC\_3A-19A-42D\_n78A7,8  DC\_3A-19A-42D\_n78C7,8 | DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_3A-19A-42A\_n79A2  DC\_3A-19A-42A\_n79C2  DC\_3A-19A-42C\_n79A2  DC\_3A-19A-42C\_n79C2  DC\_3A-19A-42D\_n79A  DC\_3A-19A-42D\_n79C | DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_3A-19A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_3A-19A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_3A-20A\_n1A-n7A | DC\_3A\_n1A  DC\_3A\_n7A  DC\_20A\_n1A  DC\_20A\_n7A |
| DC\_3C-20A\_n1A-n7A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_20A\_n1A  DC\_20A\_n7A |
| DC\_3A-20A\_n1A-n28A8,14 | DC\_3A\_n1A  DC\_3A\_n28A  DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_3C-20A\_n1A-n28A8,14 | DC\_3A\_n1A  DC\_3A\_n28A  DC\_20A\_n1A  DC\_3C\_n1A  DC\_20A\_n28A |
| DC\_3A-20A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_3C-20A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_20A\_n1A  DC\_20A\_n78A  DC\_3C\_n1A  DC\_3C\_n78A |
| DC\_3A-20A\_n7A-n28A8,14 | DC\_3A\_n7A  DC\_3A\_n28A  DC\_20A\_n7A  DC\_20A\_n28A |
| DC\_3C-20A\_n7A-n28A8,14 | DC\_3A\_n7A  DC\_3A\_n28A  DC\_3C\_n7A  DC\_20A\_n7A  DC\_20A\_n28A |
| DC\_3A-20A\_n7A-n78A | DC\_3A\_n7A  DC\_3A\_n78A  DC\_20A\_n7A  DC\_20A\_n78A |
| DC\_3A-20A\_n8A-n78A | DC\_3A\_n8A  DC\_3A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_3A-20A-28A\_n1A | DC\_3A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_3A-20A\_n28A-n75A | DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_3C-20A\_n28A-n75A | DC\_20A\_n28A  DC\_3A\_n28A |
| DC\_3A-20A-28A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
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| DC\_3A-20A-32A\_n1A  DC\_3C-20A-32A\_n1A | DC\_3A\_n1A  DC\_3C\_n1A  DC\_20A\_n1A |
| DC\_3A-20A-32A\_n28A8,14  DC\_3C-20A-32A\_n28A8,14 | DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_3A-20A-32A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_3A-20A-38A\_n78A | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_3A-20A-38A\_n78(2A) | DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_3A-20A\_n38A-n78A | DC\_3A\_n78A  DC\_20A\_n78A  DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_3A-20A-40A\_n78A  DC\_3A-20A-40C\_n78A | DC\_3A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_3A-20A-40A\_n78(2A)  DC\_3A-20A-40C\_n78(2A) | DC\_3A\_n78A  DC\_20A\_n78A  DC\_40A\_n78A |
| DC\_3A-20A\_n41A-n78A | DC\_3A\_n41A  DC\_3A\_n78A  DC\_20A\_n41A  DC\_20A\_n78A |
| DC\_3A-20A\_SUL\_n78A-n80A  DC\_3C-20A\_SUL\_n78A-n80A | DC\_3A\_n78A  DC\_3A\_n80A\_ULSUP-TDM\_n78A  DC\_20A\_n78A  DC\_20A\_n80A |
| DC\_3A-21A\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_21A\_n28A  DC\_21A\_n77A |
| DC\_3A-21A\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_21A\_n28A  DC\_21A\_n78A |
| DC\_3A-21A\_n28A-n79A2 | DC\_3A\_n28A  DC\_3A\_n79A  DC\_21A\_n28A  DC\_21A\_n79A |
| DC\_3A-21A-42A\_n1A2  DC\_3A-21A-42C\_n1A2 | DC\_3A\_n1A  DC\_21A\_n1A  DC\_42A\_n1A |
| DC\_3A-21A\_n1A-n77A2 | DC\_3A\_n1A  DC\_3A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_3A-21A\_n1A-n78A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_3A-21A\_n1A-n79A2 | DC\_3A\_n1A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
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| DC\_3A-21A-42A\_n78A7,8  DC\_3A-21A-42A\_n78C7,8  DC\_3A-21A-42C\_n78A7,8  DC\_3A-21A-42C\_n78C7,8  DC\_3A-21A-42D\_n78A7,8  DC\_3A-21A-42D\_n78C7,8 | DC\_3A\_n78A  DC\_21A\_n78A |
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| DC\_3A-28A\_n1A-n78A2 | DC\_3A\_n1A DC\_28A\_n1A DC\_3A\_n78A DC\_28A\_n78A |
| DC\_3A-28A\_n3A-n78A2 | DC\_3A\_n3A4 DC\_28A\_n3A DC\_3A\_n78A DC\_28A\_n78A |
| DC\_3A-28A\_n5A-n78A2  DC\_3C-28A\_n5A-n78A2 | DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_3A-28A\_n7A-n78A | DC\_3A\_n7A  DC\_28A\_n7A  DC\_3A\_n78A  DC\_28A\_n78A |
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| DC\_3A-28A\_n7B-n78A | DC\_3A\_n7A  DC\_3A\_n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_3A\_n78A  DC\_28A\_n78A |
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| DC\_3C-28A\_n7A-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_28A\_n7A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_3C-28A\_n7B-n78A | DC\_3A\_n7A  DC\_3C\_n7A  DC\_3A\_n7B  DC\_28A\_n7A  DC\_28A\_n7B  DC\_3A\_n78A  DC\_3C\_n78A  DC\_28A\_n78A |
| DC\_3A-28A-32A\_n1A | DC\_3A\_n1A  DC\_28A\_n1A |
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| DC\_3A-28A\_n40A-n78A | DC\_3A\_n40A  DC\_3A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
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| DC\_3A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-40C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
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| DC\_3A-41C\_n3A-n77A | DC\_3A\_n3A4  DC\_3A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
| DC\_3A-41A\_n3A-n78A | DC\_3A\_n3A4  DC\_3A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_3A-41C\_n3A-n78A | DC\_3A\_n3A4  DC\_3A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
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| DC\_3A-41C\_n28A-n77A | DC\_3A\_n28A  DC\_3A\_n77A  DC\_41A\_n28A  DC\_41A\_n77A  DC\_41C\_n28A  DC\_41C\_n77A |
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| DC\_3A-41C\_n28A-n78A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_41A\_n28A  DC\_41A\_n78A  DC\_41C\_n28A  DC\_41C\_n78A |
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| DC\_3A-42C\_n28A-n77(2A)7,8 | DC\_3A\_n28A  DC\_3A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
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| DC\_5A-66A-66A\_n2A-n77A | DC\_5A\_n2A  DC\_5A\_n77A  DC\_66A\_n2A  DC\_66A\_n77A |
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| DC\_5A-66A-66A\_n5A-n77A | DC\_5A\_n77A  DC\_66A\_n5A  DC\_66A\_n77A |
| DC\_5A-48A-66A\_n77A**7,8,**9  DC\_5A-48A-66A\_n77C7,8,9  DC\_5A-48C-66A\_n77A**7,8,**9  DC\_5A-48C-66A\_n77C7,8,**9** | DC\_5A\_n77A DC\_66A\_n77A |
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| DC\_7A-7A\_n1A-n8A-n78A2 | DC\_7A\_n1A  DC\_7A\_n8A  DC\_7A\_n78A |
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| DC\_7A-7A-8A\_n1A-n78A2 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A |
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| DC\_7A-8A-32A\_n78A | DC\_7A\_n78A  DC\_8A\_n78A |
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| DC\_7A-8A-40A\_n78(2A)  DC\_7A-8A-40C\_n78(2A) | DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
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| DC\_7A-12A-66A\_n2A | DC\_7A\_n2A  DC\_12A\_n2A  DC\_66A\_n2A |
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| DC\_7A-12A\_n66A-n78A | DC\_7A\_n66A  DC\_12A\_n66A  DC\_7A\_n78A  DC\_12A\_n78A |
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| DC\_7A-20A\_n3A-n78A | DC\_7A\_n3A  DC\_20A\_n3A  DC\_7A\_n78A  DC\_20A\_n78A |
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| DC\_7A-20A-28A\_n1A | DC\_7A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
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| DC\_7A-20A-32A\_n3A  DC\_7C-20A-32A\_n3A | DC\_7A\_n3A  DC\_20A\_n3A |
| DC\_7A-20A-32A\_n8A | DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_7A-20A-32A\_n28A | DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_7A-20A-32A\_n78A | DC\_7A\_n78A  DC\_20A\_n78A |
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| DC\_7A-20A-38A\_n3A | DC\_20A\_n3A |
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| DC\_7A-25A-25A-66A\_n77A  DC\_7C-25A-25A-66A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_7A-7A-25A-25A-66A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A  DC\_66A\_n77A |
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| DC\_7A-7A-25A-66A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A  DC\_66A\_n78A |
| DC\_7A-25A-25A-66A\_n78A  DC\_7C-25A-25A-66A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-25A-25A-66A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A  DC\_66A\_n78A |
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| DC\_7A-28A\_n3A-n78A | DC\_7A\_n3A  DC\_28A\_n3A  DC\_7A\_n78A  DC\_28A\_n78A |
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| DC\_7A-28A\_n7A-n78A | DC\_7A\_n7A4  DC\_28A\_n7A  DC\_7A\_n78A  DC\_28A\_n78A |
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| DC\_7A-28A\_n40A-n78A | DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_7A-66A\_n38A-n78A  DC\_7C-66A\_n38A-n78A | DC\_66A\_n38A  DC\_66A\_n78A |
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| DC\_7A-28A-66A\_n66A  DC\_7C-28A-66A\_n66A | DC\_7A\_n66A  DC\_28A\_n66A  DC\_66A\_n66A4 |
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| DC\_7A-7A-29A-66A\_n78A | DC\_7A\_n78A  DC\_66A\_n78A |
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| DC\_7A-40C\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_7A-66A\_n2A-n78A | DC\_7A\_n2A  DC\_66A\_n2A  DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-66A\_n25A-n66A | DC\_7A\_n25A  DC\_7A\_n66A  DC\_66A\_n25A |
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| DC\_7A-66A\_n71A-n78A | DC\_7A\_n71A DC\_66A\_n71A DC\_7A\_n78A DC\_66A\_n78A |
| DC\_7A-71A\_n2A-n78A | DC\_7A\_n2A DC\_71A\_n2A DC\_7A\_n78A DC\_71A\_n78A |
| DC\_7A-71A\_n66A-n78A | DC\_7A\_n66A DC\_71A\_n66A DC\_7A\_n78A DC\_71A\_n78A |
| DC\_8A\_n1A-n3A-n77A | DC\_8A\_n1A  DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_8A\_n3A-n28A-n77A2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n3A-n28A-n77(2A) 2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_8A\_n3A-n28A-n79A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n79A |
| DC\_8A\_n3A-n77A-n79A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A\_n3A-n77(2A)-n79A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A-11A\_n1A-n77A | DC\_8A\_n1A  DC\_8A\_n77A  DC\_11A\_n1A  DC\_11A\_n77A |
| DC\_8A-11A\_n1A-n77(2A) | DC\_8A\_n1A  DC\_8A\_n77A  DC\_11A\_n1A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_8A-11A\_n3A-n77A2 | DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n77(2A) 2 | DC\_8A\_n3A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n79A | DC\_8A\_n3A  DC\_8A\_n79A  DC\_11A\_n3A  DC\_11A\_n79A |
| DC\_8A-11A\_n28A-n77A2 | DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n28A-n77(2A) 2 | DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n77A-n79A | DC\_8A\_n77A  DC\_8A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_8A-11A\_n77(2A)-n79A | DC\_8A\_n77A  DC\_8A\_n79A  DC\_11A\_n77A  DC\_11A\_n79A |
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| DC\_8A\_n28A-n77A-n79A | DC\_8A\_n28A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A-20A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A  DC\_38A\_n1A |
| DC\_8A-32A-38A\_n1A | DC\_8A\_n1A  DC\_38A\_n1A |
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| DC\_8A-41C\_n1A-n77A | DC\_8A\_n1A  DC\_8A\_n77A  DC\_41A\_n1A  DC\_41A\_n77A |
| DC\_8A-40A\_n1A-n78A | DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_8A-40C\_n1A-n78A | DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_8A-41A\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A |
| DC\_8A-41C\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_41A\_n3A  DC\_41C\_n3A  DC\_41A\_n77A  DC\_41C\_n77A |
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| DC\_8A-42C\_n1A-n3A | DC\_8A\_n1A  DC\_8A\_n3A  DC\_42A\_n1A  DC\_42C\_n1A  DC\_42A\_n3A  DC\_42C\_n3A |
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| DC\_8A-42C\_n1A-n77A | DC\_8A\_n1A  DC\_8A\_n77A  DC\_42A\_n1A  DC\_42C\_n1A |
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| DC\_8A-42C\_n3A-n28A2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42A\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n77A |
| DC\_8A-42A\_n3A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n77A |
| DC\_8A-42C\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n77A  DC\_42C\_n77A |
| DC\_8A-42C\_n3A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n77A  DC\_42C\_n77A |
| DC\_8A-42A\_n28A-n77A | DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
| DC\_8A-42A\_n28A-n77(2A) | DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A |
| DC\_8A-42C\_n28A-n77A | DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42C\_n28A-n77(2A) | DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_12A-30A-66A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_12A-30A-66A-66A\_n2A | DC\_12A\_n2A  DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_11A\_n3A-n28A-n77A2 | DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_11A\_n3A-n28A-n77(2A) 2 | DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_11A\_n3A-n77A-n79A | DC\_11A\_n3A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_11A\_n3A-n77(2A)-n79A | DC\_11A\_n3A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_12A-30A-66A\_n66A | DC\_12A\_n66A  DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_12A-30A-66A\_n77A9  DC\_12A-30A-66A-66A\_n77A9 | DC\_12A\_n77A9  DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_12A-48A-(n)5AA | DC\_12A\_n5A  DC\_48A\_n5A  DC\_(n)5AA4 |
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| DC\_12A-66A-(n)5AA | DC\_12A\_n5A  DC\_66A\_n5A  DC\_(n)5AA4 |
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| DC\_18A-41C\_n3A-n77A | DC\_18A\_n3A  DC\_18A\_n77A  DC\_41A\_n3A  DC\_41A\_n77A  DC\_41C\_n3A  DC\_41C\_n77A |
| DC\_18A-41A\_n3A-n78A | DC\_18A\_n3A  DC\_18A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_18A-41C\_n3A-n78A | DC\_18A\_n3A  DC\_18A\_n78A  DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
| DC\_19A\_n1A-n77A-n79A | DC\_19A\_n1A  DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A\_n1A-n78A-n79A | DC\_19A\_n1A  DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_19A-21A\_n1A-n77A2 | DC\_19A\_n1A  DC\_19A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_19A-21A\_n1A-n78A2 | DC\_19A\_n1A  DC\_19A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_19A-21A\_n1A-n79A2 | DC\_19A\_n1A  DC\_19A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_19A-21A-42A\_n1A2  DC\_19A-21A-42C\_n1A2 | DC\_19A\_n1A  DC\_21A\_n1A  DC\_42A\_n1A |
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| DC\_19A-21A-42A\_n79A  DC\_19A-21A-42A\_n79C  DC\_19A-21A-42C\_n79A  DC\_19A-21A-42C\_n79C | DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_19A-21A\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-21A\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
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| DC\_19A-42A\_n77A-n79A  DC\_19A-42C\_n77A-n79A | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-42A\_n78A-n79A  DC\_19A-42C\_n78A-n79A | DC\_19A\_n78A  DC\_19A\_n79A |
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| DC\_20A-28A-32A\_n3A | DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_20A-28A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A  DC\_38A\_n1A |
| DC\_20A-32A\_n1A-n28A | DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_20A-32A-38A\_n1A | DC\_20A\_n1A  DC\_38A\_n1A |
| DC\_20A-38A\_n3A-n78A | DC\_20A\_n3A  DC\_20A\_n78A  DC\_38A\_n3A  DC\_38A\_n78A |
| DC\_21A\_n1A-n77A-n79A | DC\_21A\_n1A  DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_21A\_n1A-n78A-n79A | DC\_21A\_n1A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_21A-28A-42A\_n77A  DC\_21A-28A-42C\_n77A | DC\_21A\_n77A  DC\_28A\_n77A |
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| DC\_21A-42A\_n1A-n78A  DC\_21A-42C\_n1A-n78A | DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_21A-42A\_n1A-n79A  DC\_21A-42C\_n1A-n79A | DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_21A-42A\_n77A-n79A  DC\_21A-42C\_n77A-n79A | DC\_21A\_n77A  DC\_21A\_n79A |
| DC\_21A-42A\_n78A-n79A  DC\_21A-42C\_n78A-n79A | DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_28A-32A-38A\_n1A | DC\_28A\_n1A  DC\_38A\_n1A |
| DC\_28A-41A-42A\_n78A  DC\_28A-41C-42A\_n78A  DC\_28A-41A-42C\_n78A  DC\_28A-41C-42C\_n78A | DC\_28A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_29A-30A-66A\_n2A | DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_29A-30A-66A-66A\_n2A | DC\_30A\_n2A  DC\_66A\_n2A |
| DC\_29A-30A-66A\_n66A | DC\_30A\_n66A  DC\_66A\_n66A4 |
| DC\_29A-30A-66A\_n77A9 | DC\_30A\_n77A9  DC\_66A\_n77A9 |
| DC\_30A-66A-(n)5AA | DC\_30A\_n5A  DC\_66A\_n5A  DC\_(n)5AA4 |
| DC\_42A\_n1A-n77A-n79A7,8 | N/A |
| DC\_42A\_n1A-n78A-n79A7,8 | N/A |
| DC\_42A\_n3A-n28A-n77A7,8 | DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_42A\_n3A-n28A-n77(2A)7,8 | DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_42C\_n3A-n28A-n77A7,8 | DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_42C\_n3A-n28A-n77(2A)7,8 | DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_46A-66A\_n25A-n41A  DC\_46C-66A\_n25A-n41A  DC\_46D-66A\_n25A-n41A | DC\_66A\_n25A  DC\_66A\_n41A |
| DC\_46A-66A\_n25A-n71A  DC\_46C-66A\_n25A-n71A  DC\_46D-66A\_n25A-n71A | DC\_66A\_n25A  DC\_66A\_n71A |
| DC\_46A-66A\_n41A-n71A  DC\_46C-66A\_n41A-n71A  DC\_46D-66A\_n41A-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_46A-66A\_n41(2A)-n71A  DC\_46C-66A\_n41(2A)-n71A  DC\_46D-66A\_n41(2A)-n71A | DC\_66A\_n41A  DC\_66A\_n71A |
| DC\_48A-66A\_n25A-n48A | DC\_48A\_n25A  DC\_66A\_n25A  DC\_66A\_n48A |
| DC\_66A-71A\_n2A-n78A | DC\_66A\_n2A DC\_71A\_n2A DC\_66A\_n78A DC\_71A\_n78A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL.  NOTE 4: Only single switched UL is supported.  NOTE 5: UL carrier shall be supported in Band 2 or band 66 only. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 6: The combination is not used alone as fall back mode of other band combinations in which UL in Band 42 is not used.  NOTE 7: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for intra-band non-contiguous EN-DC apply for the Band 42/48 and Band n77/n78 combination. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.*  NOTE 8: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for inter-band EN-DC apply when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB.  NOTE 9: PC3 or PC2 Uplink EN-DC configuration is applicable to EN-DC configurations.  NOTE 10: Band 7 and Band 38 are restricted as DL Scell. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 11: The implementation with 3 low-band antennas is targeted for FWA form factor for this band combination in Release 17.  NOTE 12: Void.  NOTE 13: Power imbalance between downlink carriers on Band 7 and band n38 is assumed to be within 6dB. The power spectral density imbalance condition also applies for these carriers when applicable EN-DC configuration is a subset of a higher order EN-DC configuration.  NOTE 14: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec between overlapping or partially overlapping DL bands contained in different cell groups. | |

#### 5.5B.4.4 Inter-band EN-DC configurations within FR1 (five bands)

Table 5.5B.4.4-1: Inter-band EN-DC configurations within FR1 (five bands)

| **EN-DC**  **configuration** | **Uplink EN-DC**  **configuration**  **(NOTE 1)** |
| --- | --- |
| DC\_1A-3A-5A-7A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A-7A\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A-7A\_n77(2A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_5A\_n77A  DC\_7A\_n77A |
| DC\_1A-3A-5A-7A\_n78A  DC\_1A-3C-5A-7A\_n78A  DC\_1A-3A-5A-7A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A-7A\_n78A  DC\_1A-3A-5A-7A-7A\_n78C | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-7A-7A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-1A-3A-5A-7A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-5A-41A\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_5A\_n79A  DC\_41A\_n79A |
| DC\_1A-3A-7A\_n3A-n78A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7C\_n3A-n78A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n5A-n78A  DC\_1A-3C-7A\_n5A-n78A  DC\_1A-3A-7C\_n5A-n78A  DC\_1A-3C-7C\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A |
| DC\_1A-3A-7A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A |
| DC\_1A-3C-7A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A-8A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A  DC\_8A\_n28A |
| DC\_1A-3A-7A-8A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-7A-8A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-7A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_1A-3A-7A-20A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A  DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_1A-3A-7A-20A\_n28A3 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-7A-20A\_n78A2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A\_n78(2A)2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-28A\_n3A  DC\_1A-3A-7C-28A\_n3A | DC\_1A\_n3A  DC\_3A\_n3A4  DC\_7A\_n3A  DC\_7C\_n3A  DC\_28A\_n3A |
| DC\_1A-3A-7A-28A\_n5A  DC\_1A-3C-7A-28A\_n5A  DC\_1A-3A-7C-28A\_n5A  DC\_1A-3C-7C-28A\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_28A\_n5A |
| DC\_1A-3A-7A-28A\_n7A  DC\_1A-3C-7A-28A\_n7A  DC\_1A-3A-3A-7A-28A\_n7A  DC\_1A-1A-3C-7A-28A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-1A-3A-7A-28A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-1A-3A-3A-7A-28A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A |
| DC\_1A-3A-7A-28A\_n40A | DC\_1A\_n40A  DC\_3A\_n40A  DC\_7A\_n40A  DC\_28A\_n40A |
| DC\_1A-3A-7A-28A\_n78A  DC\_1A-3A-7C-28A\_n78A  DC\_1A-3C-7A-28A\_n78A  DC\_1A-3C-7C-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_1A-1A-3A-7A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A\_n28A-n78A2  DC\_1A-3A-7C\_n28A-n78A  DC\_1A-3C-7A\_n28A-n78A  DC\_1A-3C-7C\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_1A-3A-7A-32A\_n28A  DC\_1A-3C-7A-32A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_7A\_n28A |
| DC\_1A-3A-7A-32A\_n78A  DC\_1A-3C-7A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A |
| DC\_1A-3A-7A-38A\_n28A7  DC\_1A-3C-7A-38A\_n28A7 | DC\_1A\_n28A  DC\_3A\_n28A |
| DC\_1A-3A-7A\_n38A-n78A7 | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A-7A-40A\_n78A  DC\_1A-3A-7A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A-40A\_n78(2A)  DC\_1A-3A-7A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-8A-40A\_n78A  DC\_1A-3A-8A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-8A-40A\_n78(2A)  DC\_1A-3A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A |
| DC\_1A-3A-8A-11A\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_8A\_n28A  DC\_11A\_n28A |
| DC\_1A-3A-8A-11A\_n77A2  DC\_1A-3A-8A-11A\_n77(2A) 2  DC\_1A-3A-8A-11A\_n77(3A) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A  DC\_11A\_n77A |
| DC\_1A-3A-8A-20A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-8A\_n28A-n77A2  DC\_1A-3A-8A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A |
| DC\_1A-3A-8A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-8A\_n28A-n78A2 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-3A-8A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-8A-42A\_n77A  DC\_1A-3A-8A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_8A\_n77A |
| DC\_1A-3A-8A\_n77A-n79A | DC\_1A\_n77A  DC\_1A\_n79A  DC\_3A\_n77A  DC\_3A\_n79A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-3A-11A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-11A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-18A\_n3A-n41A | DC\_1A\_n3A  DC\_1A\_n41A  DC\_3A\_n3A4  DC\_3A\_n41A  DC\_18A\_n3A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A  DC\_3A\_n3A4  DC\_3A\_n77A  DC\_18A\_n3A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n3A-n78A | DC\_1A\_n3A  DC\_1A\_n78A  DC\_3A\_n3A4  DC\_3A\_n78A  DC\_18A\_n3A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n28A-n41A | DC\_1A\_n28A  DC\_1A\_n41A  DC\_3A\_n28A  DC\_3A\_n41A  DC\_18A\_n28A  DC\_18A\_n41A |
| DC\_1A-3A-18A\_n28A-n77A | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A1  DC\_3A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n28A-n77(2A) | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A1  DC\_3A\_n77A  DC\_18A\_n28A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A1  DC\_3A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n28A-n78(2A) | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A1  DC\_3A\_n78A  DC\_18A\_n28A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n41A-n77A | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n41A-n77(2A) | DC\_1A\_n41A  DC\_1A\_n77A  DC\_3A\_n41A  DC\_3A\_n77A  DC\_18A\_n41A  DC\_18A\_n77A |
| DC\_1A-3A-18A\_n41A-n78A | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_1A-3A-18A\_n41A-n78(2A) | DC\_1A\_n41A  DC\_1A\_n78A  DC\_3A\_n41A  DC\_3A\_n78A  DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_1A-3A-18A-42A\_n77A  DC\_1A-3A-18A-42C\_n77A | DC\_1A\_n77A  DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_1A-3A-18A-42A\_n78A  DC\_1A-3A-18A-42C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_18A\_n78A |
| DC\_1A-3A-18A-42A\_n79A  DC\_1A-3A-18A-42C\_n79A | DC\_1A\_n79A  DC\_3A\_n79A  DC\_18A\_n79A |
| DC\_1A-3A-19A-21A\_n77A2  DC\_1A-3A-19A-21A\_n77C2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_1A-3A-19A-21A\_n78A2  DC\_1A-3A-19A-21A\_n78C2 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A  DC\_21A\_n78A |
| DC\_1A-3A-19A-21A\_n79A2  DC\_1A-3A-19A-21A\_n79C2 | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A  DC\_21A\_n79A |
| DC\_1A-3A-19A-42A\_n77A5,6  DC\_1A-3A-19A-42A\_n77C5,6  DC\_1A-3A-19A-42C\_n77A5,6  DC\_1A-3A-19A-42C\_n77C5,6 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_1A-3A-19A-42A\_n78A5,6  DC\_1A-3A-19A-42A\_n78C5,6  DC\_1A-3A-19A-42C\_n78A5,6  DC\_1A-3A-19A-42C\_n78C5,6 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_19A\_n78A |
| DC\_1A-3A-19A-42A\_n79A  DC\_1A-3A-19A-42A\_n79C  DC\_1A-3A-19A-42C\_n79A  DC\_1A-3A-19A-42C\_n79C | DC\_1A\_n79A  DC\_3A\_n79A  DC\_19A\_n79A |
| DC\_1A-3A-20A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_20A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n28A-n75A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_1A-3C-20A\_n28A-n75A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-20A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-20A\_n28A-n78A2,3,6,11 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-20A-32A\_n28A6,11  DC\_1A-3C-20A-32A\_n28A,6,11 | DC\_1A\_n28A  DC\_3A\_n28A  DC\_20A\_n28A |
| DC\_1A-3A-20A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A-38A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-20A\_n38A-n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A  DC\_1A\_n38A  DC\_3A\_n38A  DC\_20A\_n38A |
| DC\_1A-3A-20A-38A\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
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| DC\_1A-8A-11A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
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| DC\_3A-7A-8A-40A\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_3A-7A-8A-40C\_n78(2A) | DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
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| DC\_3A-3A-7A\_n1A-n8A-n78A2  DC\_3A-7A-7A\_n1A-n8A-n78A2  DC\_3A-3A-7A-7A\_n1A-n8A-n78A2 | DC\_3A\_n1A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_3A-21A\_n28A-n78A-n79A | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3A\_n79A  DC\_21A\_n28A  DC\_21A\_n78A  DC\_21A\_n79A |
| DC\_3A-21A-42A\_n1A-n77A5,6  DC\_3A-21A-42C\_n1A-n77A5,6 | DC\_3A\_n1A  DC\_3A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_3A-21A-42A\_n1A-n78A5,6  DC\_3A-21A-42C\_n1A-n78A5,6 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_3A-21A-42A\_n1A-n79A  DC\_3A-21A-42C\_n1A-n79A | DC\_3A\_n1A  DC\_3A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_3A-28A-41A-42A\_n78A5,6  DC\_3A-28A-41A-42C\_n78A5,6  DC\_3A-28A-41C-42A\_n78A5,6  DC\_3A-28A-41C-42C\_n78A5,6 | DC\_1A\_n78A  DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_7A-8A-20A-32A\_n1A | DC\_7A\_n1A  DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_7A-8A-20A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_7A-8A-32A-38A\_n1A | DC\_8A\_n1A |
| DC\_7A-8A-40A\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_7A-8A-40C\_n1A-n78A | DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_7A-20A-28A-32A\_n1A | DC\_7A\_n1A  DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_7A-20A-28A-32A\_n3A  DC\_7C-20A-28A-32A\_n3A | DC\_7A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_7A-20A-28A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A |
| DC\_7A-20A-32A-38A\_n1A | DC\_20A\_n1A |
| DC\_7A-20A-38A\_n3A-n78A | DC\_20A\_n3A  DC\_20A\_n78A |
| DC\_7A-28A-32A-38A\_n1A | DC\_28A\_n1A |
| DC\_8A\_n3A-n28A-n77A-n79A | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_8A-11A\_n3A-n28A-n77A2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n28A-n77(2A) 2 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_8A-11A\_n3A-n77A-n79A | DC\_8A\_n3A  DC\_8A\_n77A  DC\_8A\_n79A  DC\_11A\_n3A  DC\_11A\_n77A  DC\_11A\_n79A |
| DC\_8A-20A-32A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A  DC\_38A\_n1A |
| DC\_8A-42A\_n3A-n28A-n77A5,6 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42A\_n3A-n28A-n77(2A)5,6 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_8A-42C\_n3A-n28A-n77A5,6 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_8A-42C\_n3A-n28A-n77(2A)5,6 | DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_19A-21A-42A\_n1A-n77A5,6  DC\_19A-21A-42C\_n1A-n77A5,6 | DC\_19A\_n1A  DC\_19A\_n77A  DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_19A-21A-42A\_n1A-n78A5,6  DC\_19A-21A-42C\_n1A-n78A5,6 | DC\_19A\_n1A  DC\_19A\_n78A  DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_19A-21A-42A\_n1A-n79A  DC\_19A-21A-42C\_n1A-n79A | DC\_19A\_n1A  DC\_19A\_n79A  DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_19A-21A-42A\_n77A-n79A5,6  DC\_19A-21A-42C\_n77A-n79A5,6 | DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-21A-42A\_n78A-n79A5,6  DC\_19A-21A-42C\_n78A-n79A5,6 | DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n77A-n79A5,6 | DC\_19A\_n1A  DC\_19A\_n77A  DC\_19A\_n79A |
| DC\_19A-42A\_n1A-n78A-n79A5,6 | DC\_19A\_n1A  DC\_19A\_n78A  DC\_19A\_n79A |
| DC\_20A-28A-32A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A  DC\_38A\_n1A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL  NOTE 4: Only single switched UL is supported  NOTE 5: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for intra-band non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combination. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.*  NOTE 6: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for inter-band EN-DC apply when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB.  NOTE 7: Band 7 and Band 38 are restricted as DL Scell. Power imbalance between downlink carriers on Band 7 and Band 38 is assumed to be within 6dB.  NOTE 8: PC3 or PC2 Uplink EN-DC configuration is applicable to EN-DC configurations.  NOTE 9: The implementation with 3 low-band antennas is targeted for FWA form factor for this band combination in Release 17.  NOTE 10: Void.  NOTE 11: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec between overlapping or partially overlapping DL bands contained in different cell groups. | |

#### 5.5B.4.5 Inter-band EN-DC configurations within FR1 (six bands)

Table 5.5B.4.5-1: Inter-band EN-DC configurations within FR1 (six bands)

|  |  |
| --- | --- |
| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) |
| DC\_1A-3A-7A-8A\_n28A-n78A | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_1A-3A-7A-8A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_1A-3A-7A-8A-40A\_n78A  DC\_1A-3A-7A-8A-40C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A-8A-40A\_n78(2A)  DC\_1A-3A-7A-8A-40C\_n78(2A) | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_8A\_n78A  DC\_40A\_n78A |
| DC\_1A-3A-7A-20A\_n8A-n78A | DC\_1A\_n8A  DC\_1A\_n78A  DC\_3A\_n8A  DC\_3A\_n78A  DC\_7A\_n8A  DC\_7A\_n78A  DC\_20A\_n8A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A\_n28A-n78A2,3,6,7 | DC\_1A\_n28A  DC\_1A\_n78A  DC\_3A\_n28A  DC\_3A\_n78A  DC\_7A\_n28A  DC\_7A\_n78A  DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A-32A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-20A\_n38A-n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_20A\_n78A |
| DC\_1A-3A-7A-28A\_n3A-n78A | DC\_1A\_n3A DC\_3A\_n3A4 DC\_7A\_n3A DC\_28A\_n3A DC\_1A\_n78A DC\_3A\_n78A DC\_7A\_n78A DC\_28A\_n78A |
| DC\_1A-3A-7C-28A\_n3A-n78A | DC\_1A\_n3A DC\_3A\_n3A4 DC\_7A\_n3A  DC\_7C\_n3A DC\_28A\_n3A DC\_1A\_n78A DC\_3A\_n78A DC\_7A\_n78A  DC\_7C\_n78A DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n5A-n78A  DC\_1A-3A-7C-28A\_n5A-n78A  DC\_1A-3C-7A-28A\_n5A-n78A  DC\_1A-3C-7C-28A\_n5A-n78A | DC\_1A\_n5A  DC\_1A\_n78A  DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n5A  DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-3C-7A-28A\_n7A-n78A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A  DC\_7A\_n7A4  DC\_28A\_n7A  DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_28A\_n78A |
| DC\_1A-3A-7A-28A\_n40A-n78A | DC\_1A\_n40A  DC\_1A\_n78A  DC\_3A\_n40A  DC\_3A\_n78A  DC\_7A\_n40A  DC\_7A\_n78A  DC\_28A\_n40A  DC\_28A\_n78A |
| DC\_1A-3A-8A-11A\_n28A-n77A2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-8A-11A\_n28A-n77(2A) 2 | DC\_1A\_n28A  DC\_1A\_n77A  DC\_3A\_n28A  DC\_3A\_n77A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-3A-8A-20A-28A\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_8A\_n78A  DC\_20A\_n78A  DC\_28A\_n78A |
| DC\_1A-7A-20A-28A-32A\_n3A  DC\_1A-7C-20A-28A-32A\_n3A | DC\_1A\_n3A  DC\_7A\_n3A  DC\_20A\_n3A  DC\_28A\_n3A |
| DC\_1A-7A-20A-38A\_n3A-n78A | DC\_1A\_n3A  DC\_20A\_n3A  DC\_1A\_n78A  DC\_20A\_n78A |
| DC\_1A-8A\_n3A-n28A-n77A-n79A | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_1A\_n79A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_8A\_n79A |
| DC\_1A-8A-11A\_n3A-n28A-n77A2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-11A\_n3A-n28A-n77(2A) 2 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_11A\_n3A  DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_1A-8A-42A\_n3A-n28A-n77A5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-8A-42A\_n3A-n28A-n77(2A)5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_1A-8A-42C\_n3A-n28A-n77A5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_1A-8A-42C\_n3A-n28A-n77(2A)5,6 | DC\_1A\_n3A  DC\_1A\_n28A  DC\_1A\_n77A  DC\_8A\_n3A  DC\_8A\_n28A  DC\_8A\_n77A  DC\_42A\_n3A  DC\_42C\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_3A-7A-8A-40A\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_3A-7A-8A-40C\_n1A-n78A | DC\_3A\_n1A  DC\_3A\_n78A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_7A-8A-20A-32A-38A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_7A-20A-28A-32A-38A\_n1A | DC\_20A\_n1A  DC\_28A\_n1A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability.  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703-733 MHz for the UL and 758-788 MHz for the DL.  NOTE 4: Only single switched UL is supported.  NOTE 5: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for intra-band non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combination. For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, when UE capability *interBandContiguousMRDC* is indicated, the minimum requirements for intra-band-contiguous EN-DC also should be met in addtion to intra-band non-contiguous EN-DC*.*  NOTE 6: For UEs not indicating interBandMRDC-WithOverlapDL-Bands-r16, the minimum requirements for inter-band EN-DC apply when the maximum power spectral density imbalance between downlink carriers contained in overlapping or partially overlapping DL bands is within 6 dB.  NOTE 7: For UEs not indicating *interBandMRDC-WithOverlapDL-Bands-r16*, the minimum requirements apply for synchronized DL carriers with a maximum receive time difference ≤ 3 usec between overlapping or partially overlapping DL bands contained in different cell groups. | |

### 5.5B.4a Inter-band NE-DC within FR1

#### 5.5B.4a.1 Inter-band NE-DC configurations within FR1 (two bands)

Table 5.5B.4a.1-1: Inter-band NE-DC configurations within FR1 (two bands)

|  |  |  |
| --- | --- | --- |
| NE-DC  configuration | Uplink NE-DC  configuration  (NOTE 1) | Single UL allowed |
| DC\_n1A\_28A | DC\_n1A\_28A | No |
| DC\_n3A\_1A | DC\_n3A\_1A | DC\_n3\_1 |
| DC\_n3A\_8A | DC\_n3A\_8A | No |
| DC\_n8A\_1A | DC\_n8A\_1A | No |
| DC\_n8A\_3A | DC\_n8A\_3A | No |
| DC\_n28A\_3A  DC\_n28A\_3C | DC\_n28A\_3A | No |
| DC\_n28A\_8A  DC\_n28A\_8B | DC\_n28A\_8A | No |
| DC\_n28A\_20A3 | DC\_n28A\_20A | No |
| DC\_n28A\_34A | DC\_n28A\_34A | No |
| DC\_n28A\_39A  DC\_n28A\_39C | DC\_n28A\_39A | No |
| DC\_n28A\_40A  DC\_n28A\_40C | DC\_n28A\_40A | No |
| DC\_n41A\_3A  DC\_n41A\_3C  DC\_n41C\_3A | DC\_n41A\_3A | No |
| DC\_n41A\_8A  DC\_n41A\_8B  DC\_n41C\_8A | DC\_n41A\_8A | No |
| DC\_n41A\_34A2 | DC\_n41A\_34A | No |
| DC\_n41A\_39A2  DC\_n41A\_39C2  DC\_n41C\_39A2 | DC\_n41A\_39A | No |
| DC\_n41A\_40A2  DC\_n41A\_40C2  DC\_n41C\_40A2 | DC\_n41A\_40A | No |
| DC\_n77A\_1A  DC\_n77(2A)\_1A | DC\_n77A\_1A | DC\_n77\_1 |
| DC\_n77A\_3A  DC\_n77(2A)\_3A | DC\_n77A\_3A | DC\_n77\_3 |
| DC\_n77A\_8A  DC\_n77(2A)\_8A | DC\_n77A\_8A | No |
| DC\_n78A\_1A | DC\_n78A\_1A | No |
| DC\_n78A\_3A | DC\_n78A\_3A | No |
| DC\_n78A\_3C | DC\_n78A\_3A | No |
| DC\_n78A\_5A | DC\_n78A\_5A | No |
| DC\_n78A\_7A | DC\_n78A\_7A | No |
| DC\_n78A\_7A-7A | DC\_n78A\_7A | No |
| DC\_n78A\_8A | DC\_n78A\_8A | No |
| DC\_n78A\_26A | DC\_n78A\_26A | No |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: The minimum requirements apply only when there is non-simultaneous Tx/Rx operation between E-UTRA and NR carriers. This restriction applies also for these carriers when applicable EN-DC configuration is part of a higher order EN-DC configuration.  NOTE 3: The frequency range in band n28 is restricted for this band combination to 703 - 733 MHz for the UL and 758-788 MHz for the DL. | | |

#### 5.5B.4a.2 Inter-band NE-DC configurations within FR1 (three bands)

Table 5.5B.4a.2-1: Inter-band NE-DC configurations within FR1 (three bands)

|  |  |
| --- | --- |
| NE-DC  configuration | Uplink NE-DC  configuration  (NOTE 1) |
| DC\_n3A\_1A-8A | DC\_n3A\_1A  DC\_n3A-8A |
| DC\_n77A\_1A-3A  DC\_n77(2A)\_1A-3A | DC\_n77A\_1A  DC\_n77A\_3A |
| DC\_n77A\_1A-8A  DC\_n77(2A)\_1A-8A | DC\_n77A\_1A  DC\_n77A\_8A |
| DC\_n77A\_3A-1A | DC\_n77A\_1A  DC\_n77A\_3A |
| DC\_n77A\_3A-8A  DC\_n77(2A)\_3A-8A | DC\_n77A\_3A  DC\_n77A\_8A |
| DC\_n78A\_1A-3A  DC\_n78A\_1A-3C | DC\_n78A\_1A  DC\_n78A\_3A |
| DC\_n78A\_1A-5A | DC\_n78A\_1A  DC\_n78A\_5A |
| DC\_n78A\_1A-7A | DC\_n78A\_1A  DC\_n78A\_7A |
| DC\_n78A\_1A-7A-7A | DC\_n78A\_1A  DC\_n78A\_7A |
| DC\_n78A\_1A-8A | DC\_n78A\_1A  DC\_n78A\_8A |
| DC\_n78A\_3A-5A | DC\_n78A\_3A  DC\_n78A\_5A |
| DC\_n78A\_3A-7A | DC\_n78A\_3A  DC\_n78A\_7A |
| DC\_n78A\_3A-7A-7A | DC\_n78A\_3A  DC\_n78A\_7A |
| DC\_n78A\_3A-8A  DC\_n78A\_3C-8A | DC\_n78A\_3A  DC\_n78A\_8A |
| DC\_n78A\_5A-7A | DC\_n78A\_5A  DC\_n78A\_7A |
| DC\_n78A\_5A-7A-7A | DC\_n78A\_5A  DC\_n78A\_7A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the present release of specifications. | |

#### 5.5B.4a.3 Inter-band NE-DC configurations within FR1 (four bands)

Table 5.5B.4a.3-1: Inter-band NE-DC configurations within FR1 (four bands)

|  |  |
| --- | --- |
| NE-DC  configuration | Uplink NE-DC  configuration  (NOTE 1) |
| DC\_n77A\_1A-3A-8A  DC\_n77(2A)\_1A-3A-8A | DC\_n77A\_1A  DC\_n77A\_3A  DC\_n77A\_8A |
| DC\_n78A\_1A-3A-5A | DC\_n78A\_1A  DC\_n78A\_3A  DC\_n78A\_5A |
| DC\_n78A\_1A-3A-7A | DC\_n78A\_1A  DC\_n78A\_3A  DC\_n78A\_7A |
| DC\_n78A\_1A-3A-7A-7A | DC\_n78A\_1A  DC\_n78A\_3A  DC\_n78A\_7A |
| DC\_n78A\_1A-3A-8A  DC\_n78A\_1A-3C-8A | DC\_n78A\_1A  DC\_n78A\_3A  DC\_n78A\_8A |
| DC\_n78A\_1A-5A-7A | DC\_n78A\_1A  DC\_n78A\_5A  DC\_n78A\_7A |
| DC\_n78A\_1A-5A-7A-7A | DC\_n78A\_1A  DC\_n78A\_5A  DC\_n78A\_7A |
| DC\_n78A\_3A-5A-7A | DC\_n78A\_3A  DC\_n78A\_5A  DC\_n78A\_7A |
| DC\_n78A\_3A-5A-7A-7A | DC\_n78A\_3A  DC\_n78A\_5A  DC\_n78A\_7A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the present release of specifications. | |

#### 5.5B.4a.4 Inter-band NE-DC configurations within FR1 (five bands)

Table 5.5B.4a.4-1: Inter-band NE-DC configurations within FR1 (five bands)

|  |  |
| --- | --- |
| NE-DC  configuration | Uplink NE-DC  configuration  (NOTE 1) |
| DC\_n78A\_1A-3A-5A-7A | DC\_n78A\_1A  DC\_n78A\_3A  DC\_n78A\_5A  DC\_n78A\_7A |
| DC\_n78A\_1A-3A-5A-7A-7A | DC\_n78A\_1A  DC\_n78A\_3A  DC\_n78A\_5A  DC\_n78A\_7A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the present release of specifications. | |

### 5.5B.5 Inter-band EN-DC including FR2

#### 5.5B.5.1 Inter-band EN-DC configurations including FR2 (two bands)

Table 5.5B.5.1-1: Inter-band EN-DC configurations including FR2 (two bands)

|  |  |
| --- | --- |
| **EN-DC**  **configuration** | **Uplink EN-DC**  **configuration**  **(NOTE 1)** |
| DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257E  DC\_1A\_n257F  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M |
| DC\_1A\_n257(2A) | DC\_1A\_n257A  DC\_1A\_n257(2A) |
| DC\_1A\_n258A  DC\_1A\_n258B  DC\_1A\_n258C  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_1A\_n258J  DC\_1A\_n258K  DC\_1A\_n258L  DC\_1A\_n258M | DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I |
| DC\_1A\_n258(2A) | DC\_1A\_n258A  DC\_1A\_n258(2A) |
| DC\_2A\_n257A  DC\_2C\_n257A | DC\_2A\_n257A |
| DC\_2A\_n257(2A) | DC\_2A\_n257A |
| DC\_2A-2A\_n257A | DC\_2A\_n257A |
| DC\_2A\_n258A  DC\_2A\_n258D  DC\_2A\_n258G  DC\_2A\_n258H  DC\_2A\_n258O  DC\_2A\_n258P  DC\_2A\_n258Q | DC\_2A\_n258A  DC\_2A\_n258D  DC\_2A\_n258G  DC\_2A\_n258H  DC\_2A\_n258O  DC\_2A\_n258P  DC\_2A\_n258Q |
| DC\_2A\_n258(2A)  DC\_2A\_n258(3A)  DC\_2A\_n258(4A)  DC\_2A\_n258(5A) | DC\_2A\_n258A |
| DC\_2A\_n260A  DC\_2A\_n260D  DC\_2A\_n260E  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_2A\_n260O  DC\_2A\_n260P  DC\_2A\_n260Q  DC\_2C\_n260A | DC\_2A\_n260A  DC\_2A\_n260D  DC\_2A\_n260E  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_2A\_n260O  DC\_2A\_n260P  DC\_2A\_n260Q |
| DC\_2A\_n260(2A)  DC\_2A\_n260(3A)  DC\_2A\_n260(4A)  DC\_2A\_n260(5A)  DC\_2A\_n260(6A)  DC\_2A\_n260(7A)  DC\_2A\_n260(8A)  DC\_2A\_n260(2D)  DC\_2A\_n260(2G)  DC\_2A\_n260(3G)  DC\_2A\_n260(4G)  DC\_2A\_n260(2H)  DC\_2A\_n260(2O)  DC\_2A\_n260(3O)  DC\_2A\_n260(4O)  DC\_2A\_n260(2P)  DC\_2A\_n260(A-D)  DC\_2A\_n260(A-G)  DC\_2A\_n260(A-H)  DC\_2A\_n260(A-O)  DC\_2A\_n260(A-P)  DC\_2A\_n260(A-Q)  DC\_2A\_n260(A-2G)  DC\_2A\_n260(A-2H)  DC\_2A\_n260(A-2O)  DC\_2A\_n260(A-2P)  DC\_2A\_n260(A-3G)  DC\_2A\_n260(A-3O)  DC\_2A\_n260(3A-G)  DC\_2A\_n260(3A-H)  DC\_2A\_n260(3A-O)  DC\_2A\_n260(2A-G)  DC\_2A\_n260(2A-H)  DC\_2A\_n260(2A-O)  DC\_2A\_n260(2A-P)  DC\_2A\_n260(2A-Q)  DC\_2A\_n260(2A-2G)  DC\_2A\_n260(2A-2H)  DC\_2A\_n260(2A-2O)  DC\_2A\_n260(3A-2O)  DC\_2A\_n260(3A-P)  DC\_2A\_n260(4A-O)  DC\_2A\_n260(4A-P)  DC\_2A\_n260(4A-2O)  DC\_2A\_n260(5A-O)  DC\_2A\_n260(G-H)  DC\_2A\_n260(O-P)  DC\_2A\_n260(O-Q)  DC\_2A\_n260(P-Q)  DC\_2A\_n260(A-G-H)  DC\_2A\_n260(A-O-P)  DC\_2A\_n260(A-O-Q)  DC\_2A\_n260(A-P-Q)  DC\_2A\_n260(2A-O-P)  DC\_2A\_n260(2A-G-H)  DC\_2A\_n260(3A-O-P) | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260O  DC\_2A\_n260P  DC\_2A\_n260Q |
| DC\_2A-2A\_n260A  DC\_2A-2A\_n260G  DC\_2A-2A\_n260H  DC\_2A-2A\_n260I  DC\_2A-2A\_n260J  DC\_2A-2A\_n260K  DC\_2A-2A\_n260L  DC\_2A-2A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M |
| DC\_2A\_n261A  DC\_2A\_n261B  DC\_2A\_n261C  DC\_2A\_n261D  DC\_2A\_n261E  DC\_2A\_n261F  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I  DC\_2A\_n261J  DC\_2A\_n261K  DC\_2A\_n261L  DC\_2A\_n261M  DC\_2A\_n261O  DC\_2A\_n261P  DC\_2A\_n261Q | DC\_2A\_n261A  DC\_2A\_n261B  DC\_2A\_n261C  DC\_2A\_n261D  DC\_2A\_n261E  DC\_2A\_n261F  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I  DC\_2A\_n261J  DC\_2A\_n261K  DC\_2A\_n261L  DC\_2A\_n261M  DC\_2A\_n261O  DC\_2A\_n261P  DC\_2A\_n261Q |
| DC\_2A\_n261(2A)  DC\_2A\_n261(3A)  DC\_2A\_n261(4A)  DC\_2A\_n261(2I)  DC\_2A\_n261(2H)  DC\_2A\_n261(A-G)  DC\_2A\_n261(A-J)  DC\_2A\_n261(A-K)  DC\_2A\_n261(A-L)  DC\_2A\_n261(A-2G)  DC\_2A\_n261(A-H)  DC\_2A\_n261(A-I)  DC\_2A\_n261(2A-G)  DC\_2A\_n261(2A-I)  DC\_2A\_n261(2A-H)  DC\_2A\_n261(3A-G)  DC\_2A\_n261(G-H)  DC\_2A\_n261(G-I)  DC\_2A\_n261(G-J)  DC\_2A\_n261(2G)  DC\_2A\_n261(H-I)  DC\_2A\_n261(A-G-H)  DC\_2A\_n261(A-G-I) | DC\_2A\_n261A  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I |
| DC\_2A-2A\_n261A  DC\_2A-2A\_n261G  DC\_2A-2A\_n261H  DC\_2A-2A\_n261I  DC\_2A-2A\_n261J  DC\_2A-2A\_n261K  DC\_2A-2A\_n261L  DC\_2A-2A\_n261M | DC\_2A\_n261A  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I  DC\_2A\_n261J  DC\_2A\_n261K  DC\_2A\_n261L  DC\_2A\_n261M |
| DC\_3A\_n257A  DC\_3A\_n257B  DC\_3A\_n257C  DC\_3A\_n257D  DC\_3A\_n257E  DC\_3A\_n257F  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_3C\_n257A  DC\_3C\_n257D  DC\_3C\_n257E  DC\_3C\_n257F  DC\_3C\_n257G  DC\_3C\_n257H  DC\_3C\_n257I  DC\_3C\_n257J  DC\_3C\_n257K  DC\_3C\_n257L  DC\_3C\_n257M | DC\_3A\_n257A  DC\_3A\_n257B  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_3C\_n257A |
| DC\_3A-3A\_n257A  DC\_3A-3A\_n257D  DC\_3A-3A\_n257E  DC\_3A-3A\_n257F  DC\_3A-3A\_n257G  DC\_3A-3A\_n257H  DC\_3A-3A\_n257I  DC\_3A-3A\_n257J  DC\_3A-3A\_n257K  DC\_3A-3A\_n257L  DC\_3A-3A\_n257M | DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K |
| DC\_3A\_n258A  DC\_3A\_n258B  DC\_3A\_n258C  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_3A\_n258J  DC\_3A\_n258K  DC\_3A\_n258L  DC\_3A\_n258M  DC\_3C\_n258A  DC\_3C\_n258B  DC\_3C\_n258C  DC\_3C\_n258D  DC\_3C\_n258E  DC\_3C\_n258F  DC\_3C\_n258G  DC\_3C\_n258H  DC\_3C\_n258I  DC\_3C\_n258J  DC\_3C\_n258K  DC\_3C\_n258L  DC\_3C\_n258M | DC\_3A\_n258A  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_3C\_n258A  DC\_3C\_n258G  DC\_3C\_n258H  DC\_3C\_n258I |
| DC\_4A\_n260A  DC\_4A\_n260D  DC\_4A\_n260G  DC\_4A\_n260H  DC\_4A\_n260O  DC\_4A\_n260P  DC\_4A\_n260Q | DC\_4A\_n260A  DC\_4A\_n260G  DC\_4A\_n260H  DC\_4A\_n260O  DC\_4A\_n260P  DC\_4A\_n260Q |
| DC\_4A\_n260(2A)  DC\_4A\_n260(3A)  DC\_4A\_n260(4A)  DC\_4A\_n260(5A)  DC\_4A\_n260(6A)  DC\_4A\_n260(7A)  DC\_4A\_n260(8A)  DC\_4A\_n260(2D)  DC\_4A\_n260(2G)  DC\_4A\_n260(3G)  DC\_4A\_n260(4G)  DC\_4A\_n260(2H)  DC\_4A\_n260(2O)  DC\_4A\_n260(2P)  DC\_4A\_n260(3O)  DC\_4A\_n260(4O)  DC\_4A\_n260(A-D)  DC\_4A\_n260(2A-D)  DC\_4A\_n260(3A-D)  DC\_4A\_n260(4A-D)  DC\_4A\_n260(A-O)  DC\_4A\_n260(2A-O)  DC\_4A\_n260(A-D-O)  DC\_4A\_n260(2A-D-O)  DC\_4A\_n260(A-2O)  DC\_4A\_n260(D-2O)  DC\_4A\_n260(A-D-2O)  DC\_4A\_n260(2A-D-2O)  DC\_4A\_n260(A-2D)  DC\_4A\_n260(2A-2D)  DC\_4A\_n260(A-P)  DC\_4A\_n260(2A-P)  DC\_4A\_n260(A-2P)  DC\_4A\_n260(2A-2P)  DC\_4A\_n260(A-G)  DC\_4A\_n260(2A-G)  DC\_4A\_n260(A-2G)  DC\_4A\_n260(2A-2G)  DC\_4A\_n260(G-O)  DC\_4A\_n260(2G-O)  DC\_4A\_n260(A-G-O)  DC\_4A\_n260(2A-G-O)  DC\_4A\_n260(2A-G-2O)  DC\_4A\_n260(2A-G-3O)  DC\_4A\_n260(A-2G-O)  DC\_4A\_n260(2A-2G-O)  DC\_4A\_n260(2A-2G-2O)  DC\_4A\_n260(A-H)  DC\_4A\_n260(A-2H)  DC\_4A\_n260(2A-H)  DC\_4A\_n260(2A-2H)  DC\_4A\_n260(2A-2O)  DC\_4A\_n260(A-3O)  DC\_4A\_n260(2A-3O)  DC\_4A\_n260(A-4O)  DC\_4A\_n260(2A-4O)  DC\_4A\_n260(3A-O)  DC\_4A\_n260(3A-2O)  DC\_4A\_n260(3A-3O)  DC\_4A\_n260(3A-G)  DC\_4A\_n260(3A-2G)  DC\_4A\_n260(4A-G)  DC\_4A\_n260(4A-2G)  DC\_4A\_n260(4A-O)  DC\_4A\_n260(4A-2O)  DC\_4A\_n260(D-2G)  DC\_4A\_n260(2D-O)  DC\_4A\_n260(G-2O)  DC\_4A\_n260(2G-2O)  DC\_4A\_n260(G-3O)  DC\_4A\_n260(2G-3O)  DC\_4A\_n260(G-4O)  DC\_4A\_n260(2G-4O)  DC\_4A\_n260(3G-O)  DC\_4A\_n260(4G-O)  DC\_4A\_n260(H-O)  DC\_4A\_n260(2H-O)  DC\_4A\_n260(A-P-Q)  DC\_4A\_n260(3A-O-P)  DC\_4A\_n260(A-Q)  DC\_4A\_n260(P-Q)  DC\_4A\_n260(2A-O-P)  DC\_4A\_n260(3A-P)  DC\_4A\_n260(A-O-P)  DC\_4A\_n260(2A-3G)  DC\_4A\_n260(2A-G-H)  DC\_4A\_n260(2A-Q)  DC\_4A\_n260(3A-2G-O)  DC\_4A\_n260(3A-D-O)  DC\_4A\_n260(3A-G-O)  DC\_4A\_n260(3A-G-2O)  DC\_4A\_n260(3A-H)  DC\_4A\_n260(4A-G-O)  DC\_4A\_n260(4A-P)  DC\_4A\_n260(5A-G)  DC\_4A\_n260(5A-O)  DC\_4A\_n260(A-G-2O)  DC\_4A\_n260(A-G-3O)  DC\_4A\_n260(A-G-4O)  DC\_4A\_n260(A-G-H)  DC\_4A\_n260(A-H-O)  DC\_4A\_n260(A-2G-2O)  DC\_4A\_n260(A-2G-3O)  DC\_4A\_n260(A-3G-O)  DC\_4A\_n260(A-3G)  DC\_4A\_n260(A-4G)  DC\_4A\_n260(A-D-G)  DC\_4A\_n260(A-O-Q)  DC\_4A\_n260(D-G)  DC\_4A\_n260(D-O)  DC\_4A\_n260(G-H)  DC\_4A\_n260(G-H-O)  DC\_4A\_n260(O-P)  DC\_4A\_n260(O-Q) | DC\_4A\_n260A  DC\_4A\_n260G  DC\_4A\_n260H  DC\_4A\_n260O  DC\_4A\_n260P  DC\_4A\_n260Q |
| DC\_4A\_n261A  DC\_4A\_n261D  DC\_4A\_n261G  DC\_4A\_n261H  DC\_4A\_n261I  DC\_4A\_n261J  DC\_4A\_n261K  DC\_4A\_n261L  DC\_4A\_n261M | DC\_4A\_n261A  DC\_4A\_n261D  DC\_4A\_n261G  DC\_4A\_n261H  DC\_4A\_n261I |
| DC\_4A\_n261(2A)  DC\_4A\_n261(3A)  DC\_4A\_n261(4A)  DC\_4A\_n261(2G)  DC\_4A\_n261(2H)  DC\_4A\_n261(2I)  DC\_4A\_n261(A-D)  DC\_4A\_n261(A-H)  DC\_4A\_n261(A-2H)  DC\_4A\_n261(A-D-H)  DC\_4A\_n261(A-G)  DC\_4A\_n261(A-G-H)  DC\_4A\_n261(A-I)  DC\_4A\_n261(A-2I)  DC\_4A\_n261(G-I)  DC\_4A\_n261(A-G-I)  DC\_4A\_n261(A-H-I)  DC\_4A\_n261(G-H)  DC\_4A\_n261(H-I)  DC\_4A\_n261(D-H)  DC\_4A\_n261(2A-D)  DC\_4A\_n261(2A-G)  DC\_4A\_n261(2A-H)  DC\_4A\_n261(2A-I)  DC\_4A\_n261(A-2G)  DC\_4A\_n261(A-D-G)  DC\_4A\_n261(D-G) | DC\_4A\_n261A  DC\_4A\_n261H  DC\_4A\_n261I  DC\_4A\_n261G |
| DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257E  DC\_5A\_n257F  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_5A\_n257J  DC\_5A\_n257K  DC\_5A\_n257L  DC\_5A\_n257M  DC\_5B\_n257A | DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_5B\_n257A |
| DC\_5A-5A\_n257A | DC\_5A\_n257A |
| DC\_5A\_n258A  DC\_5A\_n258D  DC\_5A\_n258G  DC\_5A\_n258H  DC\_5A\_n258O  DC\_5A\_n258P  DC\_5A\_n258Q | DC\_5A\_n258A  DC\_5A\_n258D  DC\_5A\_n258G  DC\_5A\_n258H  DC\_5A\_n258O  DC\_5A\_n258P  DC\_5A\_n258Q |
| DC\_5A\_n260A  DC\_5A\_n260B  DC\_5A\_n260C  DC\_5A\_n260D  DC\_5A\_n260E  DC\_5A\_n260F  DC\_5A\_n260G  DC\_5A\_n260H  DC\_5A\_n260I  DC\_5A\_n260J  DC\_5A\_n260K  DC\_5A\_n260L  DC\_5A\_n260M  DC\_5A\_n260O  DC\_5A\_n260P  DC\_5A\_n260Q  DC\_5B\_n260A | DC\_5A\_n260A  DC\_5A\_n260G  DC\_5A\_n260H  DC\_5A\_n260I  DC\_5A\_n260J  DC\_5A\_n260K  DC\_5A\_n260L  DC\_5A\_n260M  DC\_5A\_n260O  DC\_5A\_n260P  DC\_5A\_n260Q  DC\_5B\_n260A |
| DC\_5A\_n260(2A)  DC\_5A\_n260(3A)  DC\_5A\_n260(4A)  DC\_5A\_n260(5A)  DC\_5A\_n260(6A)  DC\_5A\_n260(7A)  DC\_5A\_n260(8A)  DC\_5A\_n260(9A)  DC\_5A\_n260(10A)  DC\_5A\_n260(A-I)  DC\_5A\_n260(A-P-Q)  DC\_5A\_n260(3A-O-P)  DC\_5A\_n260(D-G)  DC\_5A\_n260(D-H)  DC\_5A\_n260(D-I)  DC\_5A\_n260(D-O)  DC\_5A\_n260(D-P)  DC\_5A\_n260(D-Q)  DC\_5A\_n260(E-O)  DC\_5A\_n260(E-P)  DC\_5A\_n260(E-Q)  DC\_5A\_n260(G-I)  DC\_5A\_n260(2G)  DC\_5A\_n260(2H)  DC\_5A\_n260(2O)  DC\_5A\_n260(3O)  DC\_5A\_n260(4O)  DC\_5A\_n260(2P)  DC\_5A\_n260(3P)  DC\_5A\_n260(4P)  DC\_5A\_n260(2A-O)  DC\_5A\_n260(A-2O)  DC\_5A\_n260(2A-G)  DC\_5A\_n260(A-2G)  DC\_5A\_n260(2A-2G)  DC\_5A\_n260(2G-O)  DC\_5A\_n260(2A-2G-O)  DC\_5A\_n260(A-2H)  DC\_5A\_n260(2A-H)  DC\_5A\_n260(2A-2H)  DC\_5A\_n260(2A-2O)  DC\_5A\_n260(2A-3O)  DC\_5A\_n260(A-4O)  DC\_5A\_n260(2A-4O)  DC\_5A\_n260(3A-2O)  DC\_5A\_n260(3A-2G)  DC\_5A\_n260(4A-G)  DC\_5A\_n260(4A-2G)  DC\_5A\_n260(4A-O)  DC\_5A\_n260(4A-2O)  DC\_5A\_n260(A-O)  DC\_5A\_n260(A-G)  DC\_5A\_n260(G-O)  DC\_5A\_n260(A-G-O)  DC\_5A\_n260(2A-G-O)  DC\_5A\_n260(A-2G-O)  DC\_5A\_n260(A-H)  DC\_5A\_n260(A-3O)  DC\_5A\_n260(3A-O)  DC\_5A\_n260(3A-G)  DC\_5A\_n260(2D)  DC\_5A\_n260(3G)  DC\_5A\_n260(4G)  DC\_5A\_n260(A-D)  DC\_5A\_n260(2A-D)  DC\_5A\_n260(A-D-O)  DC\_5A\_n260(2A-D-O)  DC\_5A\_n260(D-2O)  DC\_5A\_n260(A-D-2O)  DC\_5A\_n260(2A-D-2O)  DC\_5A\_n260(A-2D)  DC\_5A\_n260(2A-2D)  DC\_5A\_n260(A-P)  DC\_5A\_n260(2A-P)  DC\_5A\_n260(A-2P)  DC\_5A\_n260(2A-2P)  DC\_5A\_n260(3A-3O)  DC\_5A\_n260(D-2G)  DC\_5A\_n260(2D-O)  DC\_5A\_n260(G-2O)  DC\_5A\_n260(2G-2O)  DC\_5A\_n260(G-3O)  DC\_5A\_n260(2G-3O)  DC\_5A\_n260(G-4O)  DC\_5A\_n260(2G-4O)  DC\_5A\_n260(3G-O)  DC\_5A\_n260(4G-O)  DC\_5A\_n260(H-O)  DC\_5A\_n260(2H-O)  DC\_5A\_n260(A-Q)  DC\_5A\_n260(P-Q)  DC\_5A\_n260(2A-4P)  DC\_5A\_n260(2O-2P)  DC\_5A\_n260(3A-P)  DC\_5A\_n260(4A-4O)  DC\_5A\_n260(4A-2Q)  DC\_5A\_n260(6A-2O)  DC\_5A\_n260(6A-2P)  DC\_5A\_n260(6A-3O)  DC\_5A\_n260(8A-2O)  DC\_5A\_n260(2A-O-P)  DC\_5A\_n260(2A-2G-2O)  DC\_5A\_n260(2A-2O-2P)  DC\_5A\_n260(2A-2O-2Q)  DC\_5A\_n260(O-P)  DC\_5A\_n260(A-O-P)  DC\_5A\_n260(2A-2O-P-Q)  DC\_5A\_n260(2A-2O-P)  DC\_5A\_n260(2A-2O-Q)  DC\_5A\_n260(2A-2Q)  DC\_5A\_n260(2A-3G)  DC\_5A\_n260(2A-3O-P)  DC\_5A\_n260(2A-3O-Q)  DC\_5A\_n260(2A-3P)  DC\_5A\_n260(2A-G-2O)  DC\_5A\_n260(2A-G-3O)  DC\_5A\_n260(2A-G-H)  DC\_5A\_n260(2A-O-2P)  DC\_5A\_n260(2A-O-2Q)  DC\_5A\_n260(2A-O-3P)  DC\_5A\_n260(2A-O-P-Q)  DC\_5A\_n260(2A-O-Q)  DC\_5A\_n260(2A-P-Q)  DC\_5A\_n260(2A-Q)  DC\_5A\_n260(2O-2Q)  DC\_5A\_n260(2O-P-Q)  DC\_5A\_n260(2O-P)  DC\_5A\_n260(2O-Q)  DC\_5A\_n260(2Q)  DC\_5A\_n260(3A-2G-O)  DC\_5A\_n260(3A-2O-P)  DC\_5A\_n260(3A-2O-Q)  DC\_5A\_n260(3A-2P)  DC\_5A\_n260(3A-2Q)  DC\_5A\_n260(3A-3P)  DC\_5A\_n260(3A-4O)  DC\_5A\_n260(3A-D-O)  DC\_5A\_n260(3A-D)  DC\_5A\_n260(3A-G-2O)  DC\_5A\_n260(3A-G-O)  DC\_5A\_n260(3A-H)  DC\_5A\_n260(3A-O-2P)  DC\_5A\_n260(3A-O-2Q)  DC\_5A\_n260(3A-O-P-Q)  DC\_5A\_n260(3A-O-Q)  DC\_5A\_n260(3A-P-Q)  DC\_5A\_n260(3A-Q)  DC\_5A\_n260(3O-P)  DC\_5A\_n260(3O-Q)  DC\_5A\_n260(4A-2P)  DC\_5A\_n260(4A-3O)  DC\_5A\_n260(4A-D)  DC\_5A\_n260(4A-G-O)  DC\_5A\_n260(4A-O-P)  DC\_5A\_n260(4A-O-Q)  DC\_5A\_n260(4A-P-Q)  DC\_5A\_n260(4A-P)  DC\_5A\_n260(4A-Q)  DC\_5A\_n260(5A-2O)  DC\_5A\_n260(5A-2P)  DC\_5A\_n260(5A-3O)  DC\_5A\_n260(5A-G)  DC\_5A\_n260(5A-O-P)  DC\_5A\_n260(5A-O)  DC\_5A\_n260(5A-P)  DC\_5A\_n260(5A-Q)  DC\_5A\_n260(6A-O-P)  DC\_5A\_n260(6A-O)  DC\_5A\_n260(6A-P)  DC\_5A\_n260(7A-2O)  DC\_5A\_n260(7A-O)  DC\_5A\_n260(7A-P)  DC\_5A\_n260(8A-O)  DC\_5A\_n260(9A-O)  DC\_5A\_n260(A-2G-2O)  DC\_5A\_n260(A-2G-3O)  DC\_5A\_n260(A-2O-2P)  DC\_5A\_n260(A-2O-2Q)  DC\_5A\_n260(A-2O-P-Q)  DC\_5A\_n260(A-2O-P)  DC\_5A\_n260(A-2O-Q)  DC\_5A\_n260(A-2Q)  DC\_5A\_n260(A-3G-O)  DC\_5A\_n260(A-3G)  DC\_5A\_n260(A-3O-P)  DC\_5A\_n260(A-3O-Q)  DC\_5A\_n260(A-3P)  DC\_5A\_n260(A-4G)  DC\_5A\_n260(A-4P)  DC\_5A\_n260(A-D-G)  DC\_5A\_n260(A-E)  DC\_5A\_n260(A-G-2O)  DC\_5A\_n260(A-G-3O)  DC\_5A\_n260(A-G-4O)  DC\_5A\_n260(A-G-H)  DC\_5A\_n260(A-H-O)  DC\_5A\_n260(A-O-2P)  DC\_5A\_n260(A-O-2Q)  DC\_5A\_n260(A-O-3P)  DC\_5A\_n260(A-O-P-Q)  DC\_5A\_n260(A-O-Q)  DC\_5A\_n260(G-H-O)  DC\_5A\_n260(G-H)  DC\_5A\_n260(O-2P)  DC\_5A\_n260(O-2Q)  DC\_5A\_n260(O-3P)  DC\_5A\_n260(O-P-Q)  DC\_5A\_n260(O-Q) | DC\_5A\_n260A  DC\_5A\_n260G  DC\_5A\_n260H  DC\_5A\_n260O  DC\_5A\_n260P  DC\_5A\_n260Q |
| DC\_5A-5A\_n260A | DC\_5A\_n260A |
| DC\_5A\_n261A  DC\_5A\_n261B  DC\_5A\_n261C  DC\_5A\_n261D  DC\_5A\_n261E  DC\_5A\_n261F  DC\_5A\_n261G  DC\_5A\_n261H  DC\_5A\_n261I  DC\_5A\_n261J  DC\_5A\_n261K  DC\_5A\_n261L  DC\_5A\_n261M  DC\_5A\_n261O  DC\_5A\_n261P  DC\_5A\_n261Q | DC\_5A\_n261A  DC\_5A\_n261G  DC\_5A\_n261H  DC\_5A\_n261I  DC\_5A\_n261J  DC\_5A\_n261K  DC\_5A\_n261L  DC\_5A\_n261M |
| DC\_5A\_n261(2A)  DC\_5A\_n261(2G)  DC\_5A\_n261(3A)  DC\_5A\_n261(4A)  DC\_5A\_n261(5A)  DC\_5A\_n261(6A)  DC\_5A\_n261(7A)  DC\_5A\_n261(8A)  DC\_5A\_n261(D-G)  DC\_5A\_n261(D-H)  DC\_5A\_n261(D-I)  DC\_5A\_n261(D-O)  DC\_5A\_n261(D-P)  DC\_5A\_n261(D-Q)  DC\_5A\_n261(E-O)  DC\_5A\_n261(E-P)  DC\_5A\_n261(E-Q)  DC\_5A\_n261(2H)  DC\_5A\_n261(2I)  DC\_5A\_n261(A-H)  DC\_5A\_n261(A-I)  DC\_5A\_n261(A-J)  DC\_5A\_n261(A-K)  DC\_5A\_n261(A-L)  DC\_5A\_n261(A-D)  DC\_5A\_n261(A-D-H)  DC\_5A\_n261(A-D-2O)  DC\_5A\_n261(A-G)  DC\_5A\_n261(A-G-H)  DC\_5A\_n261(G-I)  DC\_5A\_n261(A-G-I)  DC\_5A\_n261(A-H-I)  DC\_5A\_n261(G-H)  DC\_5A\_n261(G-J)  DC\_5A\_n261(H-I)  DC\_5A\_n261(A-2D)  DC\_5A\_n261(A-2H)  DC\_5A\_n261(A-2P)  DC\_5A\_n261(A-2Q)  DC\_5A\_n261(A-2I)  DC\_5A\_n261(A-4G)  DC\_5A\_n261(A-4O)  DC\_5A\_n261(A-7O)  DC\_5A\_n261(A-2G-2O)  DC\_5A\_n261(A-3G-O)  DC\_5A\_n261(2A-G)  DC\_5A\_n261(2A-H)  DC\_5A\_n261(2A-I)  DC\_5A\_n261(3A-G)  DC\_5A\_n261(2A-2G-O)  DC\_5A\_n261(2A-2G)  DC\_5A\_n261(2A-2O)  DC\_5A\_n261(2A-3G)  DC\_5A\_n261(2A-3O)  DC\_5A\_n261(2A-4O)  DC\_5A\_n261(2A-5O)  DC\_5A\_n261(2A-6O)  DC\_5A\_n261(2A-D-O)  DC\_5A\_n261(2A-D)  DC\_5A\_n261(2A-G-2O)  DC\_5A\_n261(2A-G-O)  DC\_5A\_n261(2A-O)  DC\_5A\_n261(2A-P)  DC\_5A\_n261(2A-Q)  DC\_5A\_n261(2D)  DC\_5A\_n261(2G-2O)  DC\_5A\_n261(2G-O)  DC\_5A\_n261(2O)  DC\_5A\_n261(2P)  DC\_5A\_n261(2Q)  DC\_5A\_n261(3A-2G)  DC\_5A\_n261(3A-2O)  DC\_5A\_n261(3A-3O)  DC\_5A\_n261(3A-4O)  DC\_5A\_n261(3A-5O)  DC\_5A\_n261(3A-D)  DC\_5A\_n261(3A-G-O)  DC\_5A\_n261(3A-O)  DC\_5A\_n261(3G-O)  DC\_5A\_n261(3G)  DC\_5A\_n261(3O)  DC\_5A\_n261(4A-2O)  DC\_5A\_n261(4A-3O)  DC\_5A\_n261(4A-4O)  DC\_5A\_n261(4A-G)  DC\_5A\_n261(4A-O)  DC\_5A\_n261(4G)  DC\_5A\_n261(4O)  DC\_5A\_n261(5A-2O)  DC\_5A\_n261(5A-3O)  DC\_5A\_n261(5A-O)  DC\_5A\_n261(5O)  DC\_5A\_n261(6A-2O)  DC\_5A\_n261(6A-O)  DC\_5A\_n261(6O)  DC\_5A\_n261(7A-O)  DC\_5A\_n261(7O)  DC\_5A\_n261(A-2G-O)  DC\_5A\_n261(A-2G)  DC\_5A\_n261(A-2O)  DC\_5A\_n261(A-3G)  DC\_5A\_n261(A-3O)  DC\_5A\_n261(A-5O)  DC\_5A\_n261(A-6O)  DC\_5A\_n261(A-D-G)  DC\_5A\_n261(A-D-O)  DC\_5A\_n261(A-E)  DC\_5A\_n261(A-G-2O)  DC\_5A\_n261(A-G-O)  DC\_5A\_n261(A-O-P)  DC\_5A\_n261(A-O-Q)  DC\_5A\_n261(A-O)  DC\_5A\_n261(A-P-Q)  DC\_5A\_n261(A-P)  DC\_5A\_n261(A-Q)  DC\_5A\_n261(D-2O)  DC\_5A\_n261(G-2O)  DC\_5A\_n261(G-O)  DC\_5A\_n261(O-P)  DC\_5A\_n261(O-Q)  DC\_5A\_n261(P-Q) | DC\_5A\_n261A  DC\_5A\_n261G  DC\_5A\_n261H  DC\_5A\_n261I |
| DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257E  DC\_7A\_n257F  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K  DC\_7A\_n257L  DC\_7A\_n257M | DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K |
| DC\_7A\_n257(2A) | DC\_7A\_n257A  DC\_7A\_n257(2A) |
| DC\_7A-7A\_n257A  DC\_7A-7A\_n257D  DC\_7A-7A\_n257E  DC\_7A-7A\_n257F  DC\_7A-7A\_n257G  DC\_7A-7A\_n257H  DC\_7A-7A\_n257I  DC\_7A-7A\_n257J  DC\_7A-7A\_n257K  DC\_7A-7A\_n257L  DC\_7A-7A\_n257M | DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_7A\_n257J  DC\_7A\_n257K |
| DC\_7A\_n258A  DC\_7A\_n258B  DC\_7A\_n258C  DC\_7A\_n258D  DC\_7A\_n258E  DC\_7A\_n258F  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I  DC\_7A\_n258J  DC\_7A\_n258K  DC\_7A\_n258L  DC\_7A\_n258M  DC\_7C\_n258A  DC\_7C\_n258B  DC\_7C\_n258C  DC\_7C\_n258D  DC\_7C\_n258E  DC\_7C\_n258F  DC\_7C\_n258G  DC\_7C\_n258H  DC\_7C\_n258I  DC\_7C\_n258J  DC\_7C\_n258K  DC\_7C\_n258L  DC\_7C\_n258M | DC\_7A\_n258A  DC\_7A\_n258B  DC\_7A\_n258C  DC\_7A\_n258D  DC\_7A\_n258E  DC\_7A\_n258F  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I  DC\_7A\_n258J  DC\_7A\_n258K  DC\_7A\_n258L  DC\_7A\_n258M  DC\_7C\_n258A  DC\_7C\_n258B  DC\_7C\_n258C  DC\_7C\_n258D  DC\_7C\_n258E  DC\_7C\_n258F  DC\_7C\_n258G  DC\_7C\_n258H  DC\_7C\_n258I  DC\_7C\_n258J  DC\_7C\_n258K  DC\_7C\_n258L  DC\_7C\_n258M |
| DC\_7A\_n258(2A) | DC\_7A\_n258A  DC\_7A\_n258(2A) |
| DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257E  DC\_8A\_n257F  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_8A\_n257J  DC\_8A\_n257K  DC\_8A\_n257L  DC\_8A\_n257M | DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I |
| DC\_8A\_n258A  DC\_8A\_n258B  DC\_8A\_n258C  DC\_8A\_n258D  DC\_8A\_n258E  DC\_8A\_n258F  DC\_8A\_n258G  DC\_8A\_n258H  DC\_8A\_n258I  DC\_8A\_n258J  DC\_8A\_n258K  DC\_8A\_n258L  DC\_8A\_n258M | DC\_8A\_n258A |
| DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I | DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_12A\_n257A | DC\_12A\_n257A |
| DC\_12A\_n258A  DC\_12A\_n258D  DC\_12A\_n258G  DC\_12A\_n258H  DC\_12A\_n258O  DC\_12A\_n258P  DC\_12A\_n258Q | DC\_12A\_n258A  DC\_12A\_n258D  DC\_12A\_n258G  DC\_12A\_n258H  DC\_12A\_n258O  DC\_12A\_n258P  DC\_12A\_n258Q |
| DC\_12A\_n260A  DC\_12A\_n260D  DC\_12A\_n260E  DC\_12A\_n260G  DC\_12A\_n260H  DC\_12A\_n260I  DC\_12A\_n260J  DC\_12A\_n260K  DC\_12A\_n260L  DC\_12A\_n260M  DC\_12A\_n260O  DC\_12A\_n260P  DC\_12A\_n260Q | DC\_12A\_n260A  DC\_12A\_n260D  DC\_12A\_n260E  DC\_12A\_n260G  DC\_12A\_n260H  DC\_12A\_n260I  DC\_12A\_n260J  DC\_12A\_n260K  DC\_12A\_n260L  DC\_12A\_n260M  DC\_12A\_n260O  DC\_12A\_n260P  DC\_12A\_n260Q |
| DC\_12A\_n260(2A)  DC\_12A\_n260(2G)  DC\_12A\_n260(A-G)  DC\_12A\_n260(A-H)  DC\_12A\_n260(G-H)  DC\_12A\_n260(A-I)  DC\_12A\_n260(G-I) | DC\_12A\_n260A |
| DC\_12A\_n261A  DC\_12A\_n261B  DC\_12A\_n261C  DC\_12A\_n261D  DC\_12A\_n261E  DC\_12A\_n261F  DC\_12A\_n261G  DC\_12A\_n261H  DC\_12A\_n261I  DC\_12A\_n261J  DC\_12A\_n261K  DC\_12A\_n261L  DC\_12A\_n261M  DC\_12A\_n261O  DC\_12A\_n261P  DC\_12A\_n261Q | DC\_12A\_n261A  DC\_12A\_n261B  DC\_12A\_n261C  DC\_12A\_n261D  DC\_12A\_n261E  DC\_12A\_n261F  DC\_12A\_n261G  DC\_12A\_n261H  DC\_12A\_n261I  DC\_12A\_n261J  DC\_12A\_n261K  DC\_12A\_n261L  DC\_12A\_n261M  DC\_12A\_n261O  DC\_12A\_n261P  DC\_12A\_n261Q |
| DC\_13A\_n257A | DC\_13A\_n257A |
| DC\_13A\_n260A  DC\_13A\_n260D  DC\_13A\_n260G  DC\_13A\_n260H  DC\_13A\_n260I  DC\_13A\_n260J  DC\_13A\_n260K  DC\_13A\_n260L  DC\_13A\_n260M  DC\_13A\_n260O  DC\_13A\_n260P  DC\_13A\_n260Q | DC\_13A\_n260A  DC\_13A\_n260G  DC\_13A\_n260H  DC\_13A\_n260I  DC\_13A\_n260J  DC\_13A\_n260K  DC\_13A\_n260L  DC\_13A\_n260M  DC\_13A\_n260O  DC\_13A\_n260P  DC\_13A\_n260Q |
| DC\_13A\_n260(2A)  DC\_13A\_n260(3A)  DC\_13A\_n260(4A)  DC\_13A\_n260(5A)  DC\_13A\_n260(6A)  DC\_13A\_n260(7A)  DC\_13A\_n260(8A)  DC\_13A\_n260(2D)  DC\_13A\_n260(2G)  DC\_13A\_n260(3G)  DC\_13A\_n260(4G)  DC\_13A\_n260(2H)  DC\_13A\_n260(2O)  DC\_13A\_n260(3O)  DC\_13A\_n260(4O)  DC\_13A\_n260(A-G)  DC\_13A\_n260(A-2G)  DC\_13A\_n260(A-P)  DC\_13A\_n260(A-Q)  DC\_13A\_n260(2A-G)  DC\_13A\_n260(2A-H)  DC\_13A\_n260(2A-2G)  DC\_13A\_n260(2A-2H)  DC\_13A\_n260(3A-G)  DC\_13A\_n260(3A-O)  DC\_13A\_n260(3A-P)  DC\_13A\_n260(3A-2O)  DC\_13A\_n260(4A-O)  DC\_13A\_n260(4A-2O)  DC\_13A\_n260(P-Q)  DC\_13A\_n260(A-P-Q)  DC\_13A\_n260(2A-O-P)  DC\_13A\_n260(3A-O-P)  DC\_13A\_n260(A-H)  DC\_13A\_n260(A-2H)  DC\_13A\_n260(2A-O)  DC\_13A\_n260(A-O)  DC\_13A\_n260(2A-P)  DC\_13A\_n260(A-O-P)  DC\_13A\_n260(O-P)  DC\_13A\_n260(2A-2O)  DC\_13A\_n260(A-2O)  DC\_13A\_n260(G-H)  DC\_13A\_n260(2A-G-H)  DC\_13A\_n260(2A-Q)  DC\_13A\_n260(2P)  DC\_13A\_n260(3A-H)  DC\_13A\_n260(4A-P)  DC\_13A\_n260(5A-O)  DC\_13A\_n260(A-2P)  DC\_13A\_n260(A-3G)  DC\_13A\_n260(A-3O)  DC\_13A\_n260(A-D)  DC\_13A\_n260(A-G-H)  DC\_13A\_n260(A-O-Q)  DC\_13A\_n260(O-Q) | DC\_13A\_n260A  DC\_13A\_n260G  DC\_13A\_n260H  DC\_13A\_n260O  DC\_13A\_n260P  DC\_13A\_n260Q |
| DC\_13A\_n261A  DC\_13A\_n261G  DC\_13A\_n261H  DC\_13A\_n261J  DC\_13A\_n261K  DC\_13A\_n261I  DC\_13A\_n261L  DC\_13A\_n261M | DC\_13A\_n261A  DC\_13A\_n261G  DC\_13A\_n261H  DC\_13A\_n261I  DC\_13A\_n261J  DC\_13A\_n261K  DC\_13A\_n261L  DC\_13A\_n261M |
| DC\_13A\_n261(2A)  DC\_13A\_n261(2G)  DC\_13A\_n261(3A)  DC\_13A\_n261(4A)  DC\_13A\_n261(2H)  DC\_13A\_n261(2I)  DC\_13A\_n261(A-G)  DC\_13A\_n261(A-K)  DC\_13A\_n261(A-L)  DC\_13A\_n261(A-2G)  DC\_13A\_n261(A-H)  DC\_13A\_n261(A-I)  DC\_13A\_n261(A-J)  DC\_13A\_n261(2A-G)  DC\_13A\_n261(2A-H)  DC\_13A\_n261(2A-I)  DC\_13A\_n261(3A-G)  DC\_13A\_n261(G-H)  DC\_13A\_n261(G-I)  DC\_13A\_n261(G-J)  DC\_13A\_n261(H-I)  DC\_13A\_n261(A-G-H)  DC\_13A\_n261(A-G-I) | DC\_13A\_n261A  DC\_13A\_n261G  DC\_13A\_n261H  DC\_13A\_n261I |
| DC\_14A\_n258A | DC\_14A\_n258A |
| DC\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M | DC\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M |
| DC\_18A\_n257A  DC\_18A\_n257D  DC\_18A\_n257E  DC\_18A\_n257F  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_18A\_n257J  DC\_18A\_n257K  DC\_18A\_n257L  DC\_18A\_n257M | DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_19A\_n257A  DC\_19A\_n257D  DC\_19A\_n257E  DC\_19A\_n257F  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_19A\_n257J  DC\_19A\_n257K  DC\_19A\_n257L  DC\_19A\_n257M | DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_19A\_n257J  DC\_19A\_n257K  DC\_19A\_n257L  DC\_19A\_n257M |
| DC\_20A\_n257A  DC\_20A\_n257B  DC\_20A\_n257C  DC\_20A\_n257D  DC\_20A\_n257E  DC\_20A\_n257F  DC\_20A\_n257G  DC\_20A\_n257H  DC\_20A\_n257I  DC\_20A\_n257J  DC\_20A\_n257K  DC\_20A\_n257L  DC\_20A\_n257M | DC\_20A\_n257A |
| DC\_20A\_n258A  DC\_20A\_n258B  DC\_20A\_n258C  DC\_20A\_n258D  DC\_20A\_n258E  DC\_20A\_n258F  DC\_20A\_n258G  DC\_20A\_n258H  DC\_20A\_n258I  DC\_20A\_n258J  DC\_20A\_n258K  DC\_20A\_n258L  DC\_20A\_n258M | DC\_20A\_n258A |
| DC\_21A\_n257A  DC\_21A\_n257D  DC\_21A\_n257E  DC\_21A\_n257F  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M | DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M |
| DC\_26A\_n257A | DC\_26A\_n257A |
| DC\_28A\_n257A  DC\_28A\_n257D  DC\_28A\_n257E  DC\_28A\_n257F  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_28A\_n257J  DC\_28A\_n257K  DC\_28A\_n257L  DC\_28A\_n257M | DC\_28A\_n257A  DC\_28A\_n257D  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_28A\_n257J  DC\_28A\_n257K  DC\_28A\_n257L  DC\_28A\_n257M |
| DC\_28A\_n258A  DC\_28A\_n258B  DC\_28A\_n258C  DC\_28A\_n258D  DC\_28A\_n258E  DC\_28A\_n258F  DC\_28A\_n258G  DC\_28A\_n258H  DC\_28A\_n258I  DC\_28A\_n258J  DC\_28A\_n258K  DC\_28A\_n258L  DC\_28A\_n258M | DC\_28A\_n258A  DC\_28A\_n258G  DC\_28A\_n258H  DC\_28A\_n258I |
| DC\_30A\_n258A | DC\_30A\_n258A |
| DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M | DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M |
| DC\_30A\_n260(2A)  DC\_30A\_n260(2G)  DC\_30A\_n260(A-G)  DC\_30A\_n260(A-H)  DC\_30A\_n260(G-H)  DC\_30A\_n260(A-I)  DC\_30A\_n260(G-I) | DC\_30A\_n260A |
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| DC\_38A\_n258A  DC\_38A\_n258G  DC\_38A\_n258H  DC\_38A\_n258I  DC\_38A\_n258J  DC\_38A\_n258K  DC\_38A\_n258L  DC\_38A\_n258M | DC\_38A\_n258A  DC\_38A\_n258G  DC\_38A\_n258H  DC\_38A\_n258I  DC\_38A\_n258J  DC\_38A\_n258K  DC\_38A\_n258L  DC\_38A\_n258M |
| DC\_39A\_n257A  DC\_39A\_n257D  DC\_39A\_n257E  DC\_39A\_n257F  DC\_39A\_n257G  DC\_39A\_n257H  DC\_39A\_n257I  DC\_39A\_n257J  DC\_39A\_n257K  DC\_39A\_n257L  DC\_39A\_n257M | DC\_39A\_n257A |
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| DC\_40A\_n257A  DC\_40A\_n257D  DC\_40A\_n257E  DC\_40A\_n257F  DC\_40A\_n257G  DC\_40A\_n257H  DC\_40A\_n257I  DC\_40A\_n257J  DC\_40A\_n257K  DC\_40A\_n257L  DC\_40A\_n257M  DC\_40C\_n257A  DC\_40C\_n257D  DC\_40C\_n257E  DC\_40C\_n257F  DC\_40C\_n257G  DC\_40C\_n257H  DC\_40C\_n257I  DC\_40C\_n257J  DC\_40C\_n257K  DC\_40C\_n257L  DC\_40C\_n257M | DC\_40A\_n257A  DC\_40A\_n257G  DC\_40A\_n257H  DC\_40A\_n257I  DC\_40A\_n257J  DC\_40A\_n257K  DC\_40A\_n257L  DC\_40A\_n257M |
| DC\_40A-40A\_n257A  DC\_40A-40A\_n257D  DC\_40A-40A\_n257E  DC\_40A-40A\_n257F  DC\_40A-40A\_n257G  DC\_40A-40A\_n257H  DC\_40A-40A\_n257I  DC\_40A-40A\_n257J  DC\_40A-40A\_n257K  DC\_40A-40A\_n257L  DC\_40A-40A\_n257M | DC\_40A\_n257A  DC\_40A\_n257G  DC\_40A\_n257H  DC\_40A\_n257I  DC\_40A\_n257J  DC\_40A\_n257K  DC\_40A\_n257L  DC\_40A\_n257M |
| DC\_40A\_n258A  DC\_40A\_n258B  DC\_40A\_n258C  DC\_40A\_n258D  DC\_40A\_n258E  DC\_40A\_n258F  DC\_40A\_n258G  DC\_40A\_n258H  DC\_40A\_n258I  DC\_40A\_n258J  DC\_40A\_n258K  DC\_40A\_n258L  DC\_40A\_n258M | DC\_40A\_n258A  DC\_40A\_n258B  DC\_40A\_n258C  DC\_40A\_n258D  DC\_40A\_n258E  DC\_40A\_n258F  DC\_40A\_n258G  DC\_40A\_n258H  DC\_40A\_n258I  DC\_40A\_n258J  DC\_40A\_n258K  DC\_40A\_n258L  DC\_40A\_n258M |
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| DC\_41A\_n258A  DC\_41A\_n258B  DC\_41A\_n258C  DC\_41A\_n258D  DC\_41A\_n258E  DC\_41A\_n258F  DC\_41A\_n258G  DC\_41A\_n258H  DC\_41A\_n258I  DC\_41A\_n258J  DC\_41A\_n258K  DC\_41A\_n258L  DC\_41A\_n258M | DC\_41A\_n258A  DC\_41A\_n258B  DC\_41A\_n258C  DC\_41A\_n258D  DC\_41A\_n258E  DC\_41A\_n258F  DC\_41A\_n258G  DC\_41A\_n258H  DC\_41A\_n258I  DC\_41A\_n258J  DC\_41A\_n258K  DC\_41A\_n258L  DC\_41A\_n258M |
| DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M  DC\_42C\_n257A  DC\_42C\_n257D  DC\_42C\_n257E  DC\_42C\_n257F  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I  DC\_42C\_n257J  DC\_42C\_n257K  DC\_42C\_n257L  DC\_42C\_n257M  DC\_42D\_n257A  DC\_42D\_n257D  DC\_42D\_n257E  DC\_42D\_n257F  DC\_42D\_n257G  DC\_42D\_n257H  DC\_42D\_n257I  DC\_42D\_n257J  DC\_42D\_n257K  DC\_42D\_n257L  DC\_42D\_n257M  DC\_42E\_n257A  DC\_42E\_n257D  DC\_42E\_n257E  DC\_42E\_n257F  DC\_42E\_n257G  DC\_42E\_n257H  DC\_42E\_n257I  DC\_42E\_n257J  DC\_42E\_n257K  DC\_42E\_n257L  DC\_42E\_n257M | DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M  DC\_42C\_n257A  DC\_42C\_n257D  DC\_42C\_n257E  DC\_42C\_n257F  DC\_42D\_n257A  DC\_42D\_n257D  DC\_42D\_n257E  DC\_42D\_n257F  DC\_42E\_n257A  DC\_42E\_n257D  DC\_42E\_n257E  DC\_42E\_n257F |
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| DC\_46A\_n261A3 | N/A |
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| DC\_48A\_n260A  DC\_48A\_n260G  DC\_48A\_n260H  DC\_48A\_n260I  DC\_48A\_n260J  DC\_48A\_n260K  DC\_48A\_n260L  DC\_48A\_n260M  DC\_48C\_n260A  DC\_48D\_n260A | DC\_48A\_n260A  DC\_48A\_n260G  DC\_48A\_n260H  DC\_48A\_n260I  DC\_48C\_n260A |
| DC\_48A\_n260(2A)  DC\_48C\_n260(2A)  DC\_48D\_n260(2A)  DC\_48A\_n260(3A)  DC\_48C\_n260(3A)  DC\_48D\_n260(3A)  DC\_48A\_n260(4A)  DC\_48C\_n260(4A)  DC\_48D\_n260(4A) | DC\_48A\_n260A  DC\_48A\_n260G  DC\_48A\_n260H  DC\_48A\_n260I  DC\_48C\_n260A |
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| DC\_48A\_n261(A-G)  DC\_48A\_n261(A-G-H)  DC\_48A\_n261(A-G-I)  DC\_48A\_n261(A-H)  DC\_48A\_n261(A-I)  DC\_48A\_n261(A-J)  DC\_48A\_n261(A-K)  DC\_48A\_n261(A-L)  DC\_48A\_n261(A-2G)  DC\_48A\_n261(G-H)  DC\_48A\_n261(G-I)  DC\_48A\_n261(G-J)  DC\_48A\_n261(H-I)  DC\_48A\_n261(2A)  DC\_48C\_n261(2A)  DC\_48D\_n261(2A)  DC\_48A\_n261(3A)  DC\_48A\_n261(2A-G)  DC\_48A\_n261(2A-H)  DC\_48A\_n261(2A-I)  DC\_48A\_n261(2G)  DC\_48A\_n261(2H)  DC\_48A\_n261(4A)  DC\_48A\_n261(3A-G) | DC\_48A\_n261A  DC\_48A\_n261G  DC\_48A\_n261H  DC\_48A\_n261I  DC\_48C\_n261A |
| DC\_66A\_n257A  DC\_66A\_n257G  DC\_66A\_n257H  DC\_66A\_n257I  DC\_66A\_n257J  DC\_66A\_n257K  DC\_66A\_n257L  DC\_66A\_n257M  DC\_66C\_n257A | DC\_66A\_n257A |
| DC\_66A\_n257(2A)  DC\_66A-66A\_n257A | DC\_66A\_n257A |
| DC\_66A\_n258A  DC\_66A\_n258D  DC\_66A\_n258G  DC\_66A\_n258H  DC\_66A\_n258O  DC\_66A\_n258P  DC\_66A\_n258Q | DC\_66A\_n258A  DC\_66A\_n258D  DC\_66A\_n258G  DC\_66A\_n258H  DC\_66A\_n258O  DC\_66A\_n258P  DC\_66A\_n258Q |
| DC\_66A\_n258(2A)  DC\_66A\_n258(3A)  DC\_66A\_n258(4A)  DC\_66A\_n258(5A) | DC\_66A\_n258A |
| DC\_66A\_n260A  DC\_66A\_n260D  DC\_66A\_n260E  DC\_66A\_n260F  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M  DC\_66A\_n260O  DC\_66A\_n260P  DC\_66A\_n260Q | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M  DC\_66A\_n260O  DC\_66A\_n260P  DC\_66A\_n260Q |
| DC\_66A\_n260(2A)  DC\_66A\_n260(3A)  DC\_66A\_n260(4A)  DC\_66A\_n260(5A)  DC\_66A\_n260(6A)  DC\_66A\_n260(7A)  DC\_66A\_n260(8A)  DC\_66A\_n260(9A)  DC\_66A\_n260(10A)  DC\_66A\_n260(A-I)  DC\_66A\_n260(D-G)  DC\_66A\_n260(D-H)  DC\_66A\_n260(D-I)  DC\_66A\_n260(D-O)  DC\_66A\_n260(D-P)  DC\_66A\_n260(D-Q)  DC\_66A\_n260(E-O)  DC\_66A\_n260(E-P)  DC\_66A\_n260(E-Q)  DC\_66A\_n260(G-I)  DC\_66A\_n260(2G)  DC\_66A\_n260(2H)  DC\_66A\_n260(2O)  DC\_66A\_n260(3O)  DC\_66A\_n260(4O)  DC\_66A\_n260(2P)  DC\_66A\_n260(3P)  DC\_66A\_n260(4P)  DC\_66A\_n260(2A-O)  DC\_66A\_n260(A-2O)  DC\_66A\_n260(2A-G)  DC\_66A\_n260(A-2G)  DC\_66A\_n260(2A-2G)  DC\_66A\_n260(2G-O)  DC\_66A\_n260(2A-2G-O)  DC\_66A\_n260(A-2H)  DC\_66A\_n260(2A-H)  DC\_66A\_n260(2A-2H)  DC\_66A\_n260(2A-2O)  DC\_66A\_n260(2A-3O)  DC\_66A\_n260(A-4O)  DC\_66A\_n260(2A-4O)  DC\_66A\_n260(3A-2O)  DC\_66A\_n260(3A-2G)  DC\_66A\_n260(4A-G)  DC\_66A\_n260(4A-2G)  DC\_66A\_n260(4A-O)  DC\_66A\_n260(4A-2O)  DC\_66A\_n260(A-O)  DC\_66A\_n260(A-G)  DC\_66A\_n260(G-O)  DC\_66A\_n260(A-G-O)  DC\_66A\_n260(2A-G-O)  DC\_66A\_n260(A-2G-O)  DC\_66A\_n260(A-H)  DC\_66A\_n260(A-3O)  DC\_66A\_n260(3A-O)  DC\_66A\_n260(3A-O-P)  DC\_66A\_n260(3A-P)  DC\_66A\_n260(3A-G)  DC\_66A\_n260(2D)  DC\_66A\_n260(3G)  DC\_66A\_n260(4G)  DC\_66A\_n260(A-D)  DC\_66A\_n260(2A-D)  DC\_66A\_n260(A-D-O)  DC\_66A\_n260(2A-D-O)  DC\_66A\_n260(D-2O)  DC\_66A\_n260(A-D-2O)  DC\_66A\_n260(2A-D-2O)  DC\_66A\_n260(2A-O-P)  DC\_66A\_n260(A-2D)  DC\_66A\_n260(2A-2D)  DC\_66A\_n260(A-P)  DC\_66A\_n260(A-P-Q)  DC\_66A\_n260(2A-P)  DC\_66A\_n260(A-2P)  DC\_66A\_n260(2A-2P)  DC\_66A\_n260(3A-3O)  DC\_66A\_n260(D-2G)  DC\_66A\_n260(2D-O)  DC\_66A\_n260(G-H)  DC\_66A\_n260(G-2O)  DC\_66A\_n260(2G-2O)  DC\_66A\_n260(G-3O)  DC\_66A\_n260(2G-3O)  DC\_66A\_n260(G-4O)  DC\_66A\_n260(2G-4O)  DC\_66A\_n260(3G-O)  DC\_66A\_n260(4G-O)  DC\_66A\_n260(H-O)  DC\_66A\_n260(2H-O)  DC\_66A\_n260(2A-2G-2O)  DC\_66A\_n260(6A-2O)  DC\_66A\_n260(8A-2O)  DC\_66A\_n260(2A-2O-2P)  DC\_66A\_n260(6A-3O)  DC\_66A\_n260(4A-4O)  DC\_66A\_n260(6A-2P)  DC\_66A\_n260(2O-2P)  DC\_66A\_n260(2A-4P)  DC\_66A\_n260(4A-2Q)  DC\_66A\_n260(2A-2O-2Q)  DC\_66A\_n260(A-Q)  DC\_66A\_n260(P-Q)  DC\_66A\_n260(A-O-P)  DC\_66A\_n260(O-P)  DC\_66A\_n260(2A-2O-P-Q)  DC\_66A\_n260(2A-2O-P)  DC\_66A\_n260(2A-2O-Q)  DC\_66A\_n260(2A-2Q)  DC\_66A\_n260(2A-3G)  DC\_66A\_n260(2A-3O-P)  DC\_66A\_n260(2A-3O-Q)  DC\_66A\_n260(2A-3P)  DC\_66A\_n260(2A-G-2O)  DC\_66A\_n260(2A-G-3O)  DC\_66A\_n260(2A-G-H)  DC\_66A\_n260(2A-O-2P)  DC\_66A\_n260(2A-O-2Q)  DC\_66A\_n260(2A-O-3P)  DC\_66A\_n260(2A-O-P-Q)  DC\_66A\_n260(2A-O-Q)  DC\_66A\_n260(2A-P-Q)  DC\_66A\_n260(2A-Q)  DC\_66A\_n260(2O-2Q)  DC\_66A\_n260(2O-P-Q)  DC\_66A\_n260(2O-P)  DC\_66A\_n260(2O-Q)  DC\_66A\_n260(2Q)  DC\_66A\_n260(3A-2G-O)  DC\_66A\_n260(3A-2O-P)  DC\_66A\_n260(3A-2O-Q)  DC\_66A\_n260(3A-2P)  DC\_66A\_n260(3A-2Q)  DC\_66A\_n260(3A-3P)  DC\_66A\_n260(3A-4O)  DC\_66A\_n260(3A-D-O)  DC\_66A\_n260(3A-D)  DC\_66A\_n260(3A-G-2O)  DC\_66A\_n260(3A-G-O)  DC\_66A\_n260(3A-H)  DC\_66A\_n260(3A-O-2P)  DC\_66A\_n260(3A-O-2Q)  DC\_66A\_n260(3A-O-P-Q)  DC\_66A\_n260(3A-O-Q)  DC\_66A\_n260(3A-P-Q)  DC\_66A\_n260(3A-Q)  DC\_66A\_n260(3O-P)  DC\_66A\_n260(3O-Q)  DC\_66A\_n260(4A-2P)  DC\_66A\_n260(4A-3O)  DC\_66A\_n260(4A-D)  DC\_66A\_n260(4A-G-O)  DC\_66A\_n260(4A-O-P)  DC\_66A\_n260(4A-O-Q)  DC\_66A\_n260(4A-P-Q)  DC\_66A\_n260(4A-P)  DC\_66A\_n260(4A-Q)  DC\_66A\_n260(5A-2O)  DC\_66A\_n260(5A-2P)  DC\_66A\_n260(5A-3O)  DC\_66A\_n260(5A-G)  DC\_66A\_n260(5A-O-P)  DC\_66A\_n260(5A-O)  DC\_66A\_n260(5A-P)  DC\_66A\_n260(5A-Q)  DC\_66A\_n260(6A-O-P)  DC\_66A\_n260(6A-O)  DC\_66A\_n260(6A-P)  DC\_66A\_n260(7A-2O)  DC\_66A\_n260(7A-O)  DC\_66A\_n260(7A-P)  DC\_66A\_n260(8A-O)  DC\_66A\_n260(9A-O)  DC\_66A\_n260(A-2G-2O)  DC\_66A\_n260(A-2G-3O)  DC\_66A\_n260(A-2O-2P)  DC\_66A\_n260(A-2O-2Q)  DC\_66A\_n260(A-2O-P-Q)  DC\_66A\_n260(A-2O-P)  DC\_66A\_n260(A-2O-Q)  DC\_66A\_n260(A-2Q)  DC\_66A\_n260(A-3G-O)  DC\_66A\_n260(A-3G)  DC\_66A\_n260(A-3O-P)  DC\_66A\_n260(A-3O-Q)  DC\_66A\_n260(A-3P)  DC\_66A\_n260(A-4G)  DC\_66A\_n260(A-4P)  DC\_66A\_n260(A-D-G)  DC\_66A\_n260(A-E)  DC\_66A\_n260(A-G-2O)  DC\_66A\_n260(A-G-3O)  DC\_66A\_n260(A-G-4O)  DC\_66A\_n260(A-G-H)  DC\_66A\_n260(A-H-O)  DC\_66A\_n260(A-O-2P)  DC\_66A\_n260(A-O-2Q)  DC\_66A\_n260(A-O-3P)  DC\_66A\_n260(A-O-P-Q)  DC\_66A\_n260(A-O-Q)  DC\_66A\_n260(G-H-O)  DC\_66A\_n260(O-2P)  DC\_66A\_n260(O-2Q)  DC\_66A\_n260(O-3P)  DC\_66A\_n260(O-P-Q)  DC\_66A\_n260(O-Q) | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260O  DC\_66A\_n260P  DC\_66A\_n260Q |
| DC\_66A-66A\_n260A  DC\_66A-66A\_n260G  DC\_66A-66A\_n260H  DC\_66A-66A\_n260I  DC\_66A-66A\_n260J  DC\_66A-66A\_n260K  DC\_66A-66A\_n260L  DC\_66A-66A\_n260M | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_66A-66A\_n260(2A)  DC\_66A-66A\_n260(2G)  DC\_66A-66A\_n260(2H)  DC\_66A-66A\_n260(3A)  DC\_66A-66A\_n260(4A)  DC\_66A-66A\_n260(5A)  DC\_66A-66A\_n260(6A)  DC\_66A-66A\_n260(A-G)  DC\_66A-66A\_n260(A-H)  DC\_66A-66A\_n260(A-2G)  DC\_66A-66A\_n260(G-H)  DC\_66A-66A\_n260(2A-G)  DC\_66A-66A\_n260(2A-2G)  DC\_66A-66A\_n260(3A-G) | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H |
| DC\_66A\_n261A  DC\_66A\_n261B  DC\_66A\_n261C  DC\_66A\_n261D  DC\_66A\_n261E  DC\_66A\_n261F  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I  DC\_66A\_n261J  DC\_66A\_n261K  DC\_66A\_n261L  DC\_66A\_n261M  DC\_66A\_n261O  DC\_66A\_n261P  DC\_66A\_n261Q | DC\_66A\_n261A  DC\_66A\_n261B  DC\_66A\_n261C  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I  DC\_66A\_n261J  DC\_66A\_n261K  DC\_66A\_n261L  DC\_66A\_n261M |
| DC\_66A\_n261(2A)  DC\_66A\_n261(3A)  DC\_66A\_n261(4A)  DC\_66A\_n261(2G)  DC\_66A\_n261(D-G)  DC\_66A\_n261(D-H)  DC\_66A\_n261(D-I)  DC\_66A\_n261(D-O)  DC\_66A\_n261(D-P)  DC\_66A\_n261(D-Q)  DC\_66A\_n261(E-O)  DC\_66A\_n261(E-P)  DC\_66A\_n261(E-Q)  DC\_66A\_n261(2H)  DC\_66A\_n261(2I)  DC\_66A\_n261(A-H)  DC\_66A\_n261(A-I)  DC\_66A\_n261(A-J)  DC\_66A\_n261(A-K)  DC\_66A\_n261(A-L)  DC\_66A\_n261(A-D)  DC\_66A\_n261(A-D-H)  DC\_66A\_n261(A-G)  DC\_66A\_n261(A-G-H)  DC\_66A\_n261(G-I)  DC\_66A\_n261(G-J)  DC\_66A\_n261(A-G-I)  DC\_66A\_n261(A-H-I)  DC\_66A\_n261(G-H)  DC\_66A\_n261(H-I)  DC\_66A\_n261(A-D-2O)  DC\_66A\_n261(A-2D)  DC\_66A\_n261(A-2G)  DC\_66A\_n261(A-2G-2O)  DC\_66A\_n261(A-3G-O)  DC\_66A\_n261(A-4G)  DC\_66A\_n261(A-2H)  DC\_66A\_n261(A-2I)  DC\_66A\_n261(A-4O)  DC\_66A\_n261(A-7O)  DC\_66A\_n261(A-2P)  DC\_66A\_n261(A-2Q)  DC\_66A\_n261(2A-G)  DC\_66A\_n261(2A-H)  DC\_66A\_n261(2A-I)  DC\_66A\_n261(3A-G)  DC\_66A\_n261(2A-2G-O)  DC\_66A\_n261(2A-2G)  DC\_66A\_n261(2A-2O)  DC\_66A\_n261(2A-3G)  DC\_66A\_n261(2A-3O)  DC\_66A\_n261(2A-4O)  DC\_66A\_n261(2A-5O)  DC\_66A\_n261(2A-6O)  DC\_66A\_n261(2A-D-O)  DC\_66A\_n261(2A-D)  DC\_66A\_n261(2A-G-2O)  DC\_66A\_n261(2A-G-O)  DC\_66A\_n261(2A-O)  DC\_66A\_n261(2A-P)  DC\_66A\_n261(2A-Q)  DC\_66A\_n261(2D)  DC\_66A\_n261(2G-2O)  DC\_66A\_n261(2G-O)  DC\_66A\_n261(2O)  DC\_66A\_n261(2P)  DC\_66A\_n261(2Q)  DC\_66A\_n261(3A-2G)  DC\_66A\_n261(3A-2O)  DC\_66A\_n261(3A-3O)  DC\_66A\_n261(3A-4O)  DC\_66A\_n261(3A-5O)  DC\_66A\_n261(3A-D)  DC\_66A\_n261(3A-G-O)  DC\_66A\_n261(3A-O)  DC\_66A\_n261(3G-O)  DC\_66A\_n261(3G)  DC\_66A\_n261(3O)  DC\_66A\_n261(4A-2O)  DC\_66A\_n261(4A-3O)  DC\_66A\_n261(4A-4O)  DC\_66A\_n261(4A-G)  DC\_66A\_n261(4A-O)  DC\_66A\_n261(4G)  DC\_66A\_n261(4O)  DC\_66A\_n261(5A-2O)  DC\_66A\_n261(5A-3O)  DC\_66A\_n261(5A-O)  DC\_66A\_n261(5A)  DC\_66A\_n261(5O)  DC\_66A\_n261(6A-2O)  DC\_66A\_n261(6A-O)  DC\_66A\_n261(6A)  DC\_66A\_n261(6O)  DC\_66A\_n261(7A-O)  DC\_66A\_n261(7A)  DC\_66A\_n261(7O)  DC\_66A\_n261(8A)  DC\_66A\_n261(A-2G-O)  DC\_66A\_n261(A-2O)  DC\_66A\_n261(A-3G)  DC\_66A\_n261(A-3O)  DC\_66A\_n261(A-5O)  DC\_66A\_n261(A-6O)  DC\_66A\_n261(A-D-G)  DC\_66A\_n261(A-D-O)  DC\_66A\_n261(A-E)  DC\_66A\_n261(A-G-2O)  DC\_66A\_n261(A-G-O)  DC\_66A\_n261(A-O-P)  DC\_66A\_n261(A-O-Q)  DC\_66A\_n261(A-O)  DC\_66A\_n261(A-P-Q)  DC\_66A\_n261(A-P)  DC\_66A\_n261(A-Q)  DC\_66A\_n261(D-2O)  DC\_66A\_n261(G-2O)  DC\_66A\_n261(G-O)  DC\_66A\_n261(O-P)  DC\_66A\_n261(O-Q)  DC\_66A\_n261(P-Q) | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I |
| DC\_66A-66A\_n261A  DC\_66A-66A\_n261G  DC\_66A-66A\_n261H  DC\_66A-66A\_n261I  DC\_66A-66A\_n261J  DC\_66A-66A\_n261K  DC\_66A-66A\_n261L  DC\_66A-66A\_n261M | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I  DC\_66A\_n261J  DC\_66A\_n261K  DC\_66A\_n261L  DC\_66A\_n261M |
| DC\_66A-66A\_n261(2A)  DC\_66A-66A\_n261(2G)  DC\_66A-66A\_n261(3A)  DC\_66A-66A\_n261(4A)  DC\_66A-66A\_n261(A-G)  DC\_66A-66A\_n261(A-G-H)  DC\_66A-66A\_n261(A-G-I)  DC\_66A-66A\_n261(A-2G)  DC\_66A-66A\_n261(A-H)  DC\_66A-66A\_n261(A-I)  DC\_66A-66A\_n261(A-J)  DC\_66A-66A\_n261(A-K)  DC\_66A-66A\_n261(A-L)  DC\_66A-66A\_n261(G-H)  DC\_66A-66A\_n261(G-I)  DC\_66A-66A\_n261(G-J)  DC\_66A-66A\_n261(H-I)  DC\_66A-66A\_n261(2H)  DC\_66A-66A\_n261(2A-G)  DC\_66A-66A\_n261(2A-H)  DC\_66A-66A\_n261(2A-I)  DC\_66A-66A\_n261(3A-G) | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I |
| DC\_71A\_n257A | DC\_71A\_n257A |
| DC\_71A\_n258A | DC\_71A\_n258A |
| DC\_71A\_n260A | DC\_71A\_n260A |
| DC\_71A\_n261A | DC\_71A\_n261A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability for all of the above combinations.  NOTE 3: Restricted to E-UTRA operation when inter-band carrier aggregation is configured. The downlink operating band for Band 46 is paired with the uplink operating band (external E-UTRA band) of the carrier aggregation configuration that is supporting the configured Pcell. | |

#### 5.5B.5.2 Inter-band EN-DC configurations including FR2 (three bands)

Table 5.5B.5.2-1: Inter-band EN-DC configurations including FR2 (three bands)

| **EN-DC configuration** | **Uplink EN-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_1A-3A\_n257A2  DC\_1A-3A\_n257D2  DC\_1A-3A\_n257E2  DC\_1A-3A\_n257F2  DC\_1A-3A\_n257G  DC\_1A-3A\_n257H  DC\_1A-3A\_n257I  DC\_1A-3A\_n257J  DC\_1A-3A\_n257K  DC\_1A-3A\_n257L  DC\_1A-3A\_n257M  DC\_1A-3C\_n257A  DC\_1A-3C\_n257D  DC\_1A-3C\_n257E  DC\_1A-3C\_n257F  DC\_1A-3C\_n257G  DC\_1A-3C\_n257H  DC\_1A-3C\_n257I  DC\_1A-3C\_n257J  DC\_1A-3C\_n257K  DC\_1A-3C\_n257L  DC\_1A-3C\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M |
| DC\_1A-3A\_n258A  DC\_1A-3A\_n258B  DC\_1A-3A\_n258C  DC\_1A-3A\_n258D  DC\_1A-3A\_n258E  DC\_1A-3A\_n258F  DC\_1A-3A\_n258G  DC\_1A-3A\_n258H  DC\_1A-3A\_n258I  DC\_1A-3A\_n258J  DC\_1A-3A\_n258K  DC\_1A-3A\_n258L  DC\_1A-3A\_n258M  DC\_1A-3C\_n258A  DC\_1A-3C\_n258B  DC\_1A-3C\_n258C  DC\_1A-3C\_n258D  DC\_1A-3C\_n258E  DC\_1A-3C\_n258F  DC\_1A-3C\_n258G  DC\_1A-3C\_n258H  DC\_1A-3C\_n258I  DC\_1A-3C\_n258J  DC\_1A-3C\_n258K  DC\_1A-3C\_n258L  DC\_1A-3C\_n258M | DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3A\_n258A  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_3C\_n258A  DC\_3C\_n258D  DC\_3C\_n258E  DC\_3C\_n258F  DC\_3C\_n258G  DC\_3C\_n258H  DC\_3C\_n258I |
| DC\_1A-5A\_n257A2  DC\_1A-5A\_n257D  DC\_1A-5A\_n257E  DC\_1A-5A\_n257F  DC\_1A-5A\_n257G  DC\_1A-5A\_n257H  DC\_1A-5A\_n257I  DC\_1A-5A\_n257J  DC\_1A-5A\_n257K  DC\_1A-5A\_n257L  DC\_1A-5A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I |
| DC\_1A-7A\_n257A2  DC\_1A-7A\_n257D  DC\_1A-7A\_n257E  DC\_1A-7A\_n257F  DC\_1A-7A\_n257G  DC\_1A-7A\_n257H  DC\_1A-7A\_n257I  DC\_1A-7A\_n257J  DC\_1A-7A\_n257K  DC\_1A-7A\_n257L  DC\_1A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
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| DC\_2A-29A\_n260A  DC\_2A-29A\_n260G  DC\_2A-29A\_n260H  DC\_2A-29A\_n260I  DC\_2A-29A\_n260J  DC\_2A-29A\_n260K  DC\_2A-29A\_n260L  DC\_2A-29A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M |
| DC\_2A-2A-29A\_n260A  DC\_2A-2A-29A\_n260G  DC\_2A-2A-29A\_n260H  DC\_2A-2A-29A\_n260I  DC\_2A-2A-29A\_n260J  DC\_2A-2A-29A\_n260K  DC\_2A-2A-29A\_n260L  DC\_2A-2A-29A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M |
| DC\_2A-30A\_n260A  DC\_2A-30A\_n260G  DC\_2A-30A\_n260H  DC\_2A-30A\_n260I  DC\_2A-30A\_n260J  DC\_2A-30A\_n260K  DC\_2A-30A\_n260L  DC\_2A-30A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M |
| DC\_2A-2A-30A\_n260A  DC\_2A-2A-30A\_n260G  DC\_2A-2A-30A\_n260H  DC\_2A-2A-30A\_n260I  DC\_2A-2A-30A\_n260J  DC\_2A-2A-30A\_n260K  DC\_2A-2A-30A\_n260L  DC\_2A-2A-30A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M |
| DC\_2A-46A\_n258A  DC\_2A-46C\_n258A  DC\_2A-46D\_n258A | DC\_2A\_n258A |
| DC\_2A-46A\_n258(2A)  DC\_2A-46A\_n258(3A)  DC\_2A-46A\_n258(4A)  DC\_2A-46A\_n258(5A)  DC\_2A-46C\_n258(2A)  DC\_2A-46C\_n258(3A)  DC\_2A-46C\_n258(4A)  DC\_2A-46C\_n258(5A)  DC\_2A-46D\_n258(2A)  DC\_2A-46D\_n258(3A)  DC\_2A-46D\_n258(4A)  DC\_2A-46D\_n258(5A) | DC\_2A\_n258A |
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| DC\_2A-46A\_n261(A-G)  DC\_2A-46A\_n261(A-H)  DC\_2A-46A\_n261(A-I)  DC\_2A-46A\_n261(A-J)  DC\_2A-46A\_n261(A-K)  DC\_2A-46A\_n261(A-L)  DC\_2A-46A\_n261(G-H)  DC\_2A-46A\_n261(2H)  DC\_2A-46A\_n261(2G)  DC\_2A-46A\_n261(2A)  DC\_2A-46C\_n261(2A)  DC\_2A-46D\_n261(2A) | DC\_2A\_n261A  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I |
| DC\_2A-46A-46A\_n261(A-G)  DC\_2A-46A-46A\_n261(A-H)  DC\_2A-46A-46A\_n261(A-I)  DC\_2A-46A-46A\_n261(A-J)  DC\_2A-46A-46A\_n261(A-K)  DC\_2A-46A-46A\_n261(A-L)  DC\_2A-46A-46A\_n261(G-H)  DC\_2A-46A-46A\_n261(2A)  DC\_2A-46A-46A\_n261(2G)  DC\_2A-46A-46A\_n261(2H) | DC\_2A\_n261A  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I |
| DC\_2A-46A-46A-46A\_n261(A-G)  DC\_2A-46A-46A-46A\_n261(A-H)  DC\_2A-46A-46A-46A\_n261(A-I)  DC\_2A-46A-46A-46A\_n261(A-J)  DC\_2A-46A-46A-46A\_n261(A-K)  DC\_2A-46A-46A-46A\_n261(A-L)  DC\_2A-46A-46A-46A\_n261(G-H)  DC\_2A-46A-46A-46A\_n261(2A)  DC\_2A-46A-46A-46A\_n261(2G)  DC\_2A-46A-46A-46A\_n261(2H) | DC\_2A\_n261A  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I |
| DC\_2A-46A\_n261A  DC\_2A-46A\_n261G  DC\_2A-46A\_n261H  DC\_2A-46A\_n261I  DC\_2A-46A\_n261J  DC\_2A-46A\_n261K  DC\_2A-46A\_n261L  DC\_2A-46A\_n261M  DC\_2A-46C\_n261A  DC\_2A-46D\_n261A | DC\_2A\_n261A  DC\_2A\_n261G  DC\_2A\_n261H  DC\_2A\_n261I  DC\_2A\_n261J  DC\_2A\_n261K  DC\_2A\_n261L  DC\_2A\_n261M |
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| DC\_2A-66A\_n257A2  DC\_2A-66A\_n257(2A) | DC\_2A\_n257A  DC\_66A\_n257A |
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| DC\_2A-66A\_n260(2A)  DC\_2A-66A\_n260(3A)  DC\_2A-66A\_n260(4A)  DC\_2A-66A\_n260(5A)  DC\_2A-66A\_n260(6A)  DC\_2A-66A\_n260(2G)  DC\_2A-66A\_n260(2H)  DC\_2A-66A\_n260(A-G)  DC\_2A-66A\_n260(A-H)  DC\_2A-66A\_n260(A-2G)  DC\_2A-66A\_n260(2A-G)  DC\_2A-66A\_n260(2A-2G)  DC\_2A-66A\_n260(3A-G)  DC\_2A-66A\_n260(G-H) | DC\_2A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_66A\_n260H |
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| DC\_2A-2A-66A\_n261A  DC\_2A-2A-66A\_n261G  DC\_2A-2A-66A\_n261H  DC\_2A-2A-66A\_n261I  DC\_2A-2A-66A\_n261J  DC\_2A-2A-66A\_n261K  DC\_2A-2A-66A\_n261L  DC\_2A-2A-66A\_n261M | DC\_2A\_n261A  DC\_66A\_n261A  DC\_2A\_n261G  DC\_66A\_n261G  DC\_2A\_n261H  DC\_66A\_n261H  DC\_2A\_n261I  DC\_66A\_n261I  DC\_2A\_n261J  DC\_66A\_n261J  DC\_2A\_n261K  DC\_66A\_n261K  DC\_2A\_n261L  DC\_66A\_n261L  DC\_2A\_n261M  DC\_66A\_n261M |
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| DC\_2A-66A\_n261(2A)  DC\_2A-66A\_n261(3A)  DC\_2A-66A\_n261(4A)  DC\_2A-66A\_n261(2G)  DC\_2A-66A\_n261(2H)  DC\_2A-66A\_n261(A-G)  DC\_2A-66A\_n261(A-H)  DC\_2A-66A\_n261(A-I)  DC\_2A-66A\_n261(A-J)  DC\_2A-66A\_n261(A-K)  DC\_2A-66A\_n261(A-L)  DC\_2A-66A\_n261(A-2G)  DC\_2A-66A\_n261(A-G-H)  DC\_2A-66A\_n261(A-G-I)  DC\_2A-66A\_n261(2A-G)  DC\_2A-66A\_n261(2A-H)  DC\_2A-66A\_n261(2A-I)  DC\_2A-66A\_n261(3A-G)  DC\_2A-66A\_n261(G-H)  DC\_2A-66A\_n261(G-I)  DC\_2A-66A\_n261(G-J)  DC\_2A-66A\_n261(H-I) | DC\_2A\_n261A  DC\_66A\_n261A  DC\_2A\_n261G  DC\_66A\_n261G  DC\_2A\_n261H  DC\_66A\_n261H  DC\_2A\_n261I  DC\_66A\_n261I |
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| DC\_21A-42A\_n257A2  DC\_21A-42A\_n257D2  DC\_21A-42A\_n257E2  DC\_21A-42A\_n257F2  DC\_21A-42A\_n257G  DC\_21A-42A\_n257H  DC\_21A-42A\_n257I  DC\_21A-42A\_n257J  DC\_21A-42A\_n257K  DC\_21A-42A\_n257L  DC\_21A-42A\_n257M  DC\_21A-42C\_n257A2  DC\_21A-42C\_n257D  DC\_21A-42C\_n257E  DC\_21A-42C\_n257F  DC\_21A-42C\_n257G  DC\_21A-42C\_n257H  DC\_21A-42C\_n257I  DC\_21A-42C\_n257J  DC\_21A-42C\_n257K  DC\_21A-42C\_n257L  DC\_21A-42C\_n257M  DC\_21A-42D\_n257A  DC\_21A-42D\_n257D  DC\_21A-42D\_n257E  DC\_21A-42D\_n257F  DC\_21A-42D\_n257G  DC\_21A-42D\_n257H  DC\_21A-42D\_n257I  DC\_21A-42D\_n257J  DC\_21A-42D\_n257K  DC\_21A-42D\_n257L  DC\_21A-42D\_n257M  DC\_21A-42E\_n257A  DC\_21A-42E\_n257D  DC\_21A-42E\_n257E  DC\_21A-42E\_n257F  DC\_21A-42E\_n257G  DC\_21A-42E\_n257H  DC\_21A-42E\_n257I  DC\_21A-42E\_n257J  DC\_21A-42E\_n257K  DC\_21A-42E\_n257L  DC\_21A-42E\_n257M | DC\_21A\_n257A  DC\_21A\_n257D  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_28A-41A\_n257A  DC\_28A-41A\_n257G  DC\_28A-41A\_n257H  DC\_28A-41A\_n257I  DC\_28A-41C\_n257A  DC\_28A-41C\_n257G  DC\_28A-41C\_n257H  DC\_28A-41C\_n257I | DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_28A-42A\_n257A2  DC\_28A-42A\_n257D2  DC\_28A-42A\_n257G2  DC\_28A-42A\_n257H2  DC\_28A-42A\_n257I2  DC\_28A-42A\_n257J  DC\_28A-42A\_n257K  DC\_28A-42A\_n257L  DC\_28A-42A\_n257M  DC\_28A-42C\_n257A2  DC\_28A-42C\_n257D2  DC\_28A-42C\_n257G2  DC\_28A-42C\_n257H2  DC\_28A-42C\_n257I2  DC\_28A-42C\_n257J  DC\_28A-42C\_n257K  DC\_28A-42C\_n257L  DC\_28A-42C\_n257M | DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_29A-30A\_n260A  DC\_29A-30A\_n260G  DC\_29A-30A\_n260H  DC\_29A-30A\_n260I  DC\_29A-30A\_n260J  DC\_29A-30A\_n260K  DC\_29A-30A\_n260L  DC\_29A-30A\_n260M | DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M |
| DC\_29A-66A\_n260A  DC\_29A-66A\_n260G  DC\_29A-66A\_n260H  DC\_29A-66A\_n260I  DC\_29A-66A\_n260J  DC\_29A-66A\_n260K  DC\_29A-66A\_n260L  DC\_29A-66A\_n260M | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_30A-66A\_n260A  DC\_30A-66A\_n260G  DC\_30A-66A\_n260H  DC\_30A-66A\_n260I  DC\_30A-66A\_n260J  DC\_30A-66A\_n260K  DC\_30A-66A\_n260L  DC\_30A-66A\_n260M | DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M  DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_30A-66A-66A\_n260A  DC\_30A-66A-66A\_n260G  DC\_30A-66A-66A\_n260H  DC\_30A-66A-66A\_n260I  DC\_30A-66A-66A\_n260J  DC\_30A-66A-66A\_n260K  DC\_30A-66A-66A\_n260L  DC\_30A-66A-66A\_n260M | DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M  DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_40A-42A\_n257A  DC\_40A-42A\_n257D  DC\_40A-42A\_n257E  DC\_40A-42A\_n257F  DC\_40A-42A\_n257G  DC\_40A-42A\_n257H  DC\_40A-42A\_n257I  DC\_40A-42A\_n257J  DC\_40A-42A\_n257K  DC\_40A-42A\_n257L  DC\_40A-42A\_n257M  DC\_40A-42C\_n257A  DC\_40A-42C\_n257D  DC\_40A-42C\_n257E  DC\_40A-42C\_n257F  DC\_40A-42C\_n257G  DC\_40A-42C\_n257H  DC\_40A-42C\_n257I  DC\_40A-42C\_n257J  DC\_40A-42C\_n257K  DC\_40A-42C\_n257L  DC\_40A-42C\_n257M  DC\_40A-40A-42A\_n257A  DC\_40A-40A-42A\_n257D  DC\_40A-40A-42A\_n257E  DC\_40A-40A-42A\_n257F  DC\_40A-40A-42A\_n257G  DC\_40A-40A-42A\_n257H  DC\_40A-40A-42A\_n257I  DC\_40A-40A-42A\_n257J  DC\_40A-40A-42A\_n257K  DC\_40A-40A-42A\_n257L  DC\_40A-40A-42A\_n257M  DC\_40A-40A-42C\_n257A  DC\_40A-40A-42C\_n257D  DC\_40A-40A-42C\_n257E  DC\_40A-40A-42C\_n257F  DC\_40A-40A-42C\_n257G  DC\_40A-40A-42C\_n257H  DC\_40A-40A-42C\_n257I  DC\_40A-40A-42C\_n257J  DC\_40A-40A-42C\_n257K  DC\_40A-40A-42C\_n257L  DC\_40A-40A-42C\_n257M  DC\_40A-42A-42A\_n257A  DC\_40A-42A-42A\_n257D  DC\_40A-42A-42A\_n257E  DC\_40A-42A-42A\_n257F  DC\_40A-42A-42A\_n257G  DC\_40A-42A-42A\_n257H  DC\_40A-42A-42A\_n257I  DC\_40A-42A-42A\_n257J  DC\_40A-42A-42A\_n257K  DC\_40A-42A-42A\_n257L  DC\_40A-42A-42A\_n257M  DC\_40C-42A-42A\_n257A  DC\_40C-42A-42A\_n257D  DC\_40C-42A-42A\_n257E  DC\_40C-42A-42A\_n257F  DC\_40C-42A-42A\_n257G  DC\_40C-42A-42A\_n257H  DC\_40C-42A-42A\_n257I  DC\_40C-42A-42A\_n257J  DC\_40C-42A-42A\_n257K  DC\_40C-42A-42A\_n257L  DC\_40C-42A-42A\_n257M  DC\_40A-40A-42A-42A\_n257A  DC\_40A-40A-42A-42A\_n257D  DC\_40A-40A-42A-42A\_n257E  DC\_40A-40A-42A-42A\_n257F  DC\_40A-40A-42A-42A\_n257G  DC\_40A-40A-42A-42A\_n257H  DC\_40A-40A-42A-42A\_n257I  DC\_40A-40A-42A-42A\_n257J  DC\_40A-40A-42A-42A\_n257K  DC\_40A-40A-42A-42A\_n257L  DC\_40A-40A-42A-42A\_n257M | DC\_40A\_n257A  DC\_42A\_n257A |
| DC\_41A-42A\_n257A  DC\_41A-42A\_n257D  DC\_41A-42A\_n257E  DC\_41A-42A\_n257F  DC\_41A-42A\_n257G  DC\_41A-42A\_n257H  DC\_41A-42A\_n257I  DC\_41A-42A\_n257J  DC\_41A-42A\_n257K  DC\_41A-42A\_n257L  DC\_41A-42A\_n257M  DC\_41A-42C\_n257A  DC\_41A-42C\_n257D  DC\_41A-42C\_n257E  DC\_41A-42C\_n257F  DC\_41A-42C\_n257G  DC\_41A-42C\_n257H  DC\_41A-42C\_n257I  DC\_41A-42C\_n257J  DC\_41A-42C\_n257K  DC\_41A-42C\_n257L  DC\_41A-42C\_n257M  DC\_41C-42A\_n257A  DC\_41C-42A\_n257D  DC\_41C-42A\_n257E  DC\_41C-42A\_n257F  DC\_41C-42A\_n257G  DC\_41C-42A\_n257H  DC\_41C-42A\_n257I  DC\_41C-42A\_n257J  DC\_41C-42A\_n257K  DC\_41C-42A\_n257L  DC\_41C-42A\_n257M  DC\_41C-42C\_n257A  DC\_41C-42C\_n257D  DC\_41C-42C\_n257E  DC\_41C-42C\_n257F  DC\_41C-42C\_n257G  DC\_41C-42C\_n257H  DC\_41C-42C\_n257I  DC\_41C-42C\_n257J  DC\_41C-42C\_n257K  DC\_41C-42C\_n257L  DC\_41C-42C\_n257M | DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_46A-48A\_n260A  DC\_46C-48A\_n260A  DC\_46D-48A\_n260A  DC\_46A-48C\_n260A  DC\_46A-48D\_n260A  DC\_46C-48C\_n260A  DC\_46C-48D\_n260A  DC\_46D-48C\_n260A  DC\_46D-48D\_n260A | DC\_48A\_n260A  DC\_48C\_n260A |
| DC\_46A-48A\_n260(2A)  DC\_46C-48A\_n260(2A)  DC\_46D-48A\_n260(2A)  DC\_46A-48C\_n260(2A)  DC\_46A-48D\_n260(2A)  DC\_46C-48C\_n260(2A)  DC\_46C-48D\_n260(2A)  DC\_46D-48C\_n260(2A)  DC\_46D-48D\_n260(2A)  DC\_46A-48A\_n260(3A)  DC\_46C-48A\_n260(3A)  DC\_46D-48A\_n260(3A)  DC\_46A-48C\_n260(3A)  DC\_46A-48D\_n260(3A)  DC\_46C-48C\_n260(3A)  DC\_46C-48D\_n260(3A)  DC\_46D-48C\_n260(3A)  DC\_46D-48D\_n260(3A)  DC\_46A-48A\_n260(4A)  DC\_46C-48A\_n260(4A)  DC\_46D-48A\_n260(4A)  DC\_46A-48C\_n260(4A)  DC\_46A-48D\_n260(4A)  DC\_46C-48C\_n260(4A)  DC\_46C-48D\_n260(4A)  DC\_46D-48C\_n260(4A)  DC\_46D-48D\_n260(4A) | DC\_48A\_n260A  DC\_48C\_n260A |
| DC\_46A-48A\_n261A  DC\_46C-48A\_n261A  DC\_46D-48A\_n261A  DC\_46A-48C\_n261A  DC\_46A-48D\_n261A  DC\_46C-48C\_n261A  DC\_46C-48D\_n261A  DC\_46D-48C\_n261A  DC\_46D-48D\_n261A | DC\_48A\_n261A  DC\_48C\_n261A |
| DC\_46A-48A\_n261(2A)  DC\_46C-48A\_n261(2A)  DC\_46D-48A\_n261(2A)  DC\_46A-48C\_n261(2A)  DC\_46A-48D\_n261(2A)  DC\_46C-48C\_n261(2A)  DC\_46C-48D\_n261(2A)  DC\_46D-48C\_n261(2A)  DC\_46D-48D\_n261(2A) | DC\_48A\_n261A  DC\_48C\_n261A |
| DC\_46A-66A\_n258A  DC\_46C-66A\_n258A  DC\_46D-66A\_n258A | DC\_66A\_n258A |
| DC\_46A-66A\_n258(2A)  DC\_46A-66A\_n258(3A)  DC\_46A-66A\_n258(4A)  DC\_46A-66A\_n258(5A)  DC\_46C-66A\_n258(2A)  DC\_46C-66A\_n258(3A)  DC\_46C-66A\_n258(4A)  DC\_46C-66A\_n258(5A)  DC\_46D-66A\_n258(2A)  DC\_46D-66A\_n258(3A)  DC\_46D-66A\_n258(4A)  DC\_46D-66A\_n258(5A) | DC\_66A\_n258A |
| DC\_46A-66A\_n260A  DC\_46C-66A\_n260A  DC\_46D-66A\_n260A  DC\_46E-66A\_n260A  DC\_46A-66A\_n260G  DC\_46C-66A\_n260G  DC\_46D-66A\_n260G  DC\_46E-66A\_n260G  DC\_46A-66A\_n260H  DC\_46C-66A\_n260H  DC\_46D-66A\_n260H  DC\_46E-66A\_n260H  DC\_46A-66A\_n260I  DC\_46C-66A\_n260I  DC\_46D-66A\_n260I  DC\_46E-66A\_n260I  DC\_46A-66A\_n260J  DC\_46C-66A\_n260J  DC\_46D-66A\_n260J  DC\_46E-66A\_n260J  DC\_46A-66A\_n260K  DC\_46C-66A\_n260K  DC\_46D-66A\_n260K  DC\_46E-66A\_n260K  DC\_46A-66A\_n260L  DC\_46C-66A\_n260L  DC\_46D-66A\_n260L  DC\_46E-66A\_n260L  DC\_46A-66A\_n260M  DC\_46C-66A\_n260M  DC\_46D-66A\_n260M  DC\_46E-66A\_n260M | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_46A-66A-66A\_n260A  DC\_46C-66A-66A\_n260A  DC\_46D-66A-66A\_n260A  DC\_46E-66A-66A\_n260A  DC\_46A-66A-66A\_n260G  DC\_46C-66A-66A\_n260G  DC\_46D-66A-66A\_n260G  DC\_46E-66A-66A\_n260G  DC\_46A-66A-66A\_n260H  DC\_46C-66A-66A\_n260H  DC\_46D-66A-66A\_n260H  DC\_46E-66A-66A\_n260H  DC\_46A-66A-66A\_n260I  DC\_46C-66A-66A\_n260I  DC\_46D-66A-66A\_n260I  DC\_46E-66A-66A\_n260I  DC\_46A-66A-66A\_n260J  DC\_46C-66A-66A\_n260J  DC\_46D-66A-66A\_n260J  DC\_46E-66A-66A\_n260J  DC\_46A-66A-66A\_n260K  DC\_46C-66A-66A\_n260K  DC\_46D-66A-66A\_n260K  DC\_46E-66A-66A\_n260K  DC\_46A-66A-66A\_n260L  DC\_46C-66A-66A\_n260L  DC\_46D-66A-66A\_n260L  DC\_46E-66A-66A\_n260L  DC\_46A-66A-66A\_n260M  DC\_46C-66A-66A\_n260M  DC\_46D-66A-66A\_n260M  DC\_46E-66A-66A\_n260M | DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_46A-66A\_n260(2A)  DC\_46C-66A\_n260(2A)  DC\_46D-66A\_n260(2A) | DC\_66A\_n260A |
| DC\_46A-66A\_n261A  DC\_46A-66A\_n261G  DC\_46A-66A\_n261H  DC\_46A-66A\_n261I  DC\_46A-66A\_n261J  DC\_46A-66A\_n261K  DC\_46A-66A\_n261L  DC\_46A-66A\_n261M  DC\_46C-66A\_n261A  DC\_46D-66A\_n261A | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I  DC\_66A\_n261J  DC\_66A\_n261K  DC\_66A\_n261L  DC\_66A\_n261M |
| DC\_46A-46A-66A\_n261A  DC\_46A-46A-66A\_n261G  DC\_46A-46A-66A\_n261H  DC\_46A-46A-66A\_n261I  DC\_46A-46A-66A\_n261J  DC\_46A-46A-66A\_n261K  DC\_46A-46A-66A\_n261L  DC\_46A-46A-66A\_n261M | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I  DC\_66A\_n261J  DC\_66A\_n261K  DC\_66A\_n261L  DC\_66A\_n261M |
| DC\_46A-46A-46A-66A\_n261A  DC\_46A-46A-46A-66A\_n261G  DC\_46A-46A-46A-66A\_n261H  DC\_46A-46A-46A-66A\_n261I  DC\_46A-46A-46A-66A\_n261J  DC\_46A-46A-46A-66A\_n261K  DC\_46A-46A-46A-66A\_n261L  DC\_46A-46A-46A-66A\_n261M | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I  DC\_66A\_n261J  DC\_66A\_n261K  DC\_66A\_n261L  DC\_66A\_n261M |
| DC\_46A-66A\_n261(2A)  DC\_46C-66A\_n261(2A)  DC\_46D-66A\_n261(2A)  DC\_46A-66A\_n261(2G)  DC\_46A-66A\_n261(3A)  DC\_46A-66A\_n261(A-G)  DC\_46A-66A\_n261(A-H)  DC\_46A-66A\_n261(A-I)  DC\_46A-66A\_n261(A-J)  DC\_46A-66A\_n261(A-K)  DC\_46A-66A\_n261(A-L)  DC\_46A-66A\_n261(G-H)  DC\_46A-66A\_n261(2H)  DC\_46A-66A\_n261(2A-G)  DC\_46A-66A\_n261(2A-H) | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I |
| DC\_46A-46A-66A\_n261(A-G)  DC\_46A-46A-66A\_n261(A-H)  DC\_46A-46A-66A\_n261(A-I)  DC\_46A-46A-66A\_n261(A-J)  DC\_46A-46A-66A\_n261(A-K)  DC\_46A-46A-66A\_n261(A-L)  DC\_46A-46A-66A\_n261(G-H)  DC\_46A-46A-66A\_n261(2A)  DC\_46A-46A-66A\_n261(2G)  DC\_46A-46A-66A\_n261(3A)  DC\_46A-46A-66A\_n261(2H)  DC\_46A-46A-66A\_n261(2A-G)  DC\_46A-46A-66A\_n261(2A-H) | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I |
| DC\_46A-46A-46A-66A\_n261(2A)  DC\_46A-46A-46A-66A\_n261(2G)  DC\_46A-46A-46A-66A\_n261(3A)  DC\_46A-46A-46A-66A\_n261(A-G)  DC\_46A-46A-46A-66A\_n261(A-H)  DC\_46A-46A-46A-66A\_n261(A-I)  DC\_46A-46A-46A-66A\_n261(A-J)  DC\_46A-46A-46A-66A\_n261(A-K)  DC\_46A-46A-46A-66A\_n261(A-L)  DC\_46A-46A-46A-66A\_n261(G-H)  DC\_46A-46A-46A-66A\_n261(2H)  DC\_46A-46A-46A-66A\_n261(2A-G)  DC\_46A-46A-46A-66A\_n261(2A-H) | DC\_66A\_n261A  DC\_66A\_n261G  DC\_66A\_n261H  DC\_66A\_n261I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability for all of the above combinations. | |

#### 5.5B.5.3 Inter-band EN-DC configurations including FR2 (four bands)

Table 5.5B.5.3-1: Inter-band EN-DC configurations including FR2 (four bands)

| **EN-DC configuration** | **Uplink EN-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_1A-3A-5A\_n257A2  DC\_1A-3A-5A\_n257D  DC\_1A-3A-5A\_n257E  DC\_1A-3A-5A\_n257F  DC\_1A-3A-5A\_n257G  DC\_1A-3A-5A\_n257H  DC\_1A-3A-5A\_n257I  DC\_1A-3A-5A\_n257J  DC\_1A-3A-5A\_n257K  DC\_1A-3A-5A\_n257L  DC\_1A-3A-5A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I |
| DC\_1A-3A-7A\_n257A2  DC\_1A-3A-7A\_n257D  DC\_1A-3A-7A\_n257E  DC\_1A-3A-7A\_n257F  DC\_1A-3A-7A\_n257G  DC\_1A-3A-7A\_n257H  DC\_1A-3A-7A\_n257I  DC\_1A-3A-7A\_n257J  DC\_1A-3A-7A\_n257K  DC\_1A-3A-7A\_n257L  DC\_1A-3A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-3A-7A-7A\_n257A  DC\_1A-3A-7A-7A\_n257D  DC\_1A-3A-7A-7A\_n257E  DC\_1A-3A-7A-7A\_n257F  DC\_1A-3A-7A-7A\_n257G  DC\_1A-3A-7A-7A\_n257H  DC\_1A-3A-7A-7A\_n257I  DC\_1A-3A-7A-7A\_n257J  DC\_1A-3A-7A-7A\_n257K  DC\_1A-3A-7A-7A\_n257L  DC\_1A-3A-7A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-3A-7A\_n258A  DC\_1A-3A-7A\_n258B  DC\_1A-3A-7A\_n258C  DC\_1A-3A-7A\_n258D  DC\_1A-3A-7A\_n258E  DC\_1A-3A-7A\_n258F  DC\_1A-3A-7A\_n258G  DC\_1A-3A-7A\_n258H  DC\_1A-3A-7A\_n258I  DC\_1A-3A-7A\_n258J  DC\_1A-3A-7A\_n258K  DC\_1A-3A-7A\_n258L  DC\_1A-3A-7A\_n258M  DC\_1A-3C-7A\_n258A  DC\_1A-3C-7A\_n258B  DC\_1A-3C-7A\_n258C  DC\_1A-3C-7A\_n258D  DC\_1A-3C-7A\_n258E  DC\_1A-3C-7A\_n258F  DC\_1A-3C-7A\_n258G  DC\_1A-3C-7A\_n258H  DC\_1A-3C-7A\_n258I  DC\_1A-3C-7A\_n258J  DC\_1A-3C-7A\_n258K  DC\_1A-3C-7A\_n258L  DC\_1A-3C-7A\_n258M  DC\_1A-3A-7C\_n258A  DC\_1A-3A-7C\_n258B  DC\_1A-3A-7C\_n258C  DC\_1A-3A-7C\_n258D  DC\_1A-3A-7C\_n258E  DC\_1A-3A-7C\_n258F  DC\_1A-3A-7C\_n258G  DC\_1A-3A-7C\_n258H  DC\_1A-3A-7C\_n258I  DC\_1A-3A-7C\_n258J  DC\_1A-3A-7C\_n258K  DC\_1A-3A-7C\_n258L  DC\_1A-3A-7C\_n258M  DC\_1A-3C-7C\_n258A  DC\_1A-3C-7C\_n258B  DC\_1A-3C-7C\_n258C  DC\_1A-3C-7C\_n258D  DC\_1A-3C-7C\_n258E  DC\_1A-3C-7C\_n258F  DC\_1A-3C-7C\_n258G  DC\_1A-3C-7C\_n258H  DC\_1A-3C-7C\_n258I  DC\_1A-3C-7C\_n258J  DC\_1A-3C-7C\_n258K  DC\_1A-3C-7C\_n258L  DC\_1A-3C-7C\_n258M | DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3C\_n258A  DC\_3C\_n258D  DC\_3C\_n258G  DC\_3C\_n258H  DC\_3C\_n258I  DC\_3A\_n258A  DC\_3A\_n258D  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_7A\_n258A  DC\_7A\_n258D  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I  DC\_7C\_n258A  DC\_7C\_n258D  DC\_7C\_n258G  DC\_7C\_n258H  DC\_7C\_n258I |
| DC\_1A-3A-8A\_n257A  DC\_1A-3A-8A\_n257D  DC\_1A-3A-8A\_n257E  DC\_1A-3A-8A\_n257F  DC\_1A-3A-8A\_n257G  DC\_1A-3A-8A\_n257H  DC\_1A-3A-8A\_n257I  DC\_1A-3A-8A\_n257J  DC\_1A-3A-8A\_n257K  DC\_1A-3A-8A\_n257L  DC\_1A-3A-8A\_n257M  DC\_1A-3C-8A\_n257A  DC\_1A-3C-8A\_n257D  DC\_1A-3C-8A\_n257E  DC\_1A-3C-8A\_n257F  DC\_1A-3C-8A\_n257G  DC\_1A-3C-8A\_n257H  DC\_1A-3C-8A\_n257I  DC\_1A-3C-8A\_n257J  DC\_1A-3C-8A\_n257K  DC\_1A-3C-8A\_n257L  DC\_1A-3C-8A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I |
| DC\_1A-3A-11A\_n257A  DC\_1A-3A-11A\_n257G  DC\_1A-3A-11A\_n257H  DC\_1A-3A-11A\_n257I | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_11A\_n257A  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_1A-3A-18A\_n257A  DC\_1A-3A-18A\_n257D  DC\_1A-3A-18A\_n257E  DC\_1A-3A-18A\_n257F  DC\_1A-3A-18A\_n257G  DC\_1A-3A-18A\_n257H  DC\_1A-3A-18A\_n257I  DC\_1A-3A-18A\_n257J  DC\_1A-3A-18A\_n257K  DC\_1A-3A-18A\_n257L  DC\_1A-3A-18A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_1A-3A-19A\_n257A2  DC\_1A-3A-19A\_n257D  DC\_1A-3A-19A\_n257E  DC\_1A-3A-19A\_n257F  DC\_1A-3A-19A\_n257G  DC\_1A-3A-19A\_n257H  DC\_1A-3A-19A\_n257I  DC\_1A-3A-19A\_n257J  DC\_1A-3A-19A\_n257K  DC\_1A-3A-19A\_n257L  DC\_1A-3A-19A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I |
| DC\_1A-3A-21A\_n257A2  DC\_1A-3A-21A\_n257D  DC\_1A-3A-21A\_n257E  DC\_1A-3A-21A\_n257F  DC\_1A-3A-21A\_n257G  DC\_1A-3A-21A\_n257H  DC\_1A-3A-21A\_n257I  DC\_1A-3A-21A\_n257J  DC\_1A-3A-21A\_n257K  DC\_1A-3A-21A\_n257L  DC\_1A-3A-21A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_1A-3A-28A\_n257A2  DC\_1A-3A-28A\_n257G  DC\_1A-3A-28A\_n257H  DC\_1A-3A-28A\_n257I  DC\_1A-3A-28A\_n257J  DC\_1A-3A-28A\_n257K  DC\_1A-3A-28A\_n257L  DC\_1A-3A-28A\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-3A-28A\_n258A  DC\_1A-3A-28A\_n258B  DC\_1A-3A-28A\_n258C  DC\_1A-3A-28A\_n258D  DC\_1A-3A-28A\_n258E  DC\_1A-3A-28A\_n258F  DC\_1A-3A-28A\_n258G  DC\_1A-3A-28A\_n258H  DC\_1A-3A-28A\_n258I  DC\_1A-3A-28A\_n258J  DC\_1A-3A-28A\_n258K  DC\_1A-3A-28A\_n258L  DC\_1A-3A-28A\_n258M  DC\_1A-3C-28A\_n258A  DC\_1A-3C-28A\_n258B  DC\_1A-3C-28A\_n258C  DC\_1A-3C-28A\_n258D  DC\_1A-3C-28A\_n258E  DC\_1A-3C-28A\_n258F  DC\_1A-3C-28A\_n258G  DC\_1A-3C-28A\_n258H  DC\_1A-3C-28A\_n258I  DC\_1A-3C-28A\_n258J  DC\_1A-3C-28A\_n258K  DC\_1A-3C-28A\_n258L  DC\_1A-3C-28A\_n258M | DC\_1A\_n258A  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3A\_n258A  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_3C\_n258A  DC\_3C\_n258G  DC\_3C\_n258H  DC\_3C\_n258I  DC\_28A\_n258A  DC\_28A\_n258G  DC\_28A\_n258H  DC\_28A\_n258I |
| DC\_1A-3A-41A\_n257A  DC\_1A-3A-41A\_n257D  DC\_1A-3A-41A\_n257E  DC\_1A-3A-41A\_n257F  DC\_1A-3A-41A\_n257G  DC\_1A-3A-41A\_n257H  DC\_1A-3A-41A\_n257I  DC\_1A-3A-41A\_n257J  DC\_1A-3A-41A\_n257K  DC\_1A-3A-41A\_n257L  DC\_1A-3A-41A\_n257M  DC\_1A-3A-41C\_n257A  DC\_1A-3A-41C\_n257D  DC\_1A-3A-41C\_n257E  DC\_1A-3A-41C\_n257F  DC\_1A-3A-41C\_n257G  DC\_1A-3A-41C\_n257H  DC\_1A-3A-41C\_n257I  DC\_1A-3A-41C\_n257J  DC\_1A-3A-41C\_n257K  DC\_1A-3A-41C\_n257L  DC\_1A-3A-41C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_1A-3A-42A\_n257A  DC\_1A-3A-42A\_n257D  DC\_1A-3A-42A\_n257E  DC\_1A-3A-42A\_n257F  DC\_1A-3A-42A\_n257G  DC\_1A-3A-42A\_n257H  DC\_1A-3A-42A\_n257I  DC\_1A-3A-42A\_n257J  DC\_1A-3A-42A\_n257K  DC\_1A-3A-42A\_n257L  DC\_1A-3A-42A\_n257M  DC\_1A-3A-42C\_n257A  DC\_1A-3A-42C\_n257D  DC\_1A-3A-42C\_n257E  DC\_1A-3A-42C\_n257F  DC\_1A-3A-42C\_n257G  DC\_1A-3A-42C\_n257H  DC\_1A-3A-42C\_n257I  DC\_1A-3A-42C\_n257J  DC\_1A-3A-42C\_n257K  DC\_1A-3A-42C\_n257L  DC\_1A-3A-42C\_n257M  DC\_1A-3A-42D\_n257A  DC\_1A-3A-42D\_n257G  DC\_1A-3A-42D\_n257H  DC\_1A-3A-42D\_n257I  DC\_1A-3A-42D\_n257J  DC\_1A-3A-42D\_n257K  DC\_1A-3A-42D\_n257L  DC\_1A-3A-42D\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-5A-7A\_n257A2  DC\_1A-5A-7A\_n257D  DC\_1A-5A-7A\_n257E  DC\_1A-5A-7A\_n257F  DC\_1A-5A-7A\_n257G  DC\_1A-5A-7A\_n257H  DC\_1A-5A-7A\_n257I  DC\_1A-5A-7A\_n257J  DC\_1A-5A-7A\_n257K  DC\_1A-5A-7A\_n257L  DC\_1A-5A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-5A-7A-7A\_n257A  DC\_1A-5A-7A-7A\_n257D  DC\_1A-5A-7A-7A\_n257E  DC\_1A-5A-7A-7A\_n257F  DC\_1A-5A-7A-7A\_n257G  DC\_1A-5A-7A-7A\_n257H  DC\_1A-5A-7A-7A\_n257I  DC\_1A-5A-7A-7A\_n257J  DC\_1A-5A-7A-7A\_n257K  DC\_1A-5A-7A-7A\_n257L  DC\_1A-5A-7A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-7A-28A\_n257A  DC\_1A-7A-28A\_n257G  DC\_1A-7A-28A\_n257H  DC\_1A-7A-28A\_n257I | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-7A-28A\_n258A  DC\_1A-7A-28A\_n258B  DC\_1A-7A-28A\_n258C  DC\_1A-7A-28A\_n258D  DC\_1A-7A-28A\_n258E  DC\_1A-7A-28A\_n258F  DC\_1A-7A-28A\_n258G  DC\_1A-7A-28A\_n258H  DC\_1A-7A-28A\_n258I  DC\_1A-7A-28A\_n258J  DC\_1A-7A-28A\_n258K  DC\_1A-7A-28A\_n258L  DC\_1A-7A-28A\_n258M  DC\_1A-7C-28A\_n258A  DC\_1A-7C-28A\_n258B  DC\_1A-7C-28A\_n258C  DC\_1A-7C-28A\_n258D  DC\_1A-7C-28A\_n258E  DC\_1A-7C-28A\_n258F  DC\_1A-7C-28A\_n258G  DC\_1A-7C-28A\_n258H  DC\_1A-7C-28A\_n258I  DC\_1A-7C-28A\_n258J  DC\_1A-7C-28A\_n258K  DC\_1A-7C-28A\_n258L  DC\_1A-7C-28A\_n258M | DC\_1A\_n258A  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_7A\_n258A  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I  DC\_7C\_n258A  DC\_7C\_n258G  DC\_7C\_n258H  DC\_7C\_n258I  DC\_28A\_n258A  DC\_28A\_n258G  DC\_28A\_n258H  DC\_28A\_n258I |
| DC\_1A-8A-11A\_n257A  DC\_1A-8A-11A\_n257D  DC\_1A-8A-11A\_n257G  DC\_1A-8A-11A\_n257H  DC\_1A-8A-11A\_n257I | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_1A-11A-18A\_n257A  DC\_1A-11A-18A\_n257G  DC\_1A-11A-18A\_n257H  DC\_1A-11A-18A\_n257I | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_11A\_n257A  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_1A-18A-28A\_n257A2 | DC\_1A\_n257A  DC\_18A\_n257A  DC\_28A\_n257A |
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| DC\_1A-18A-42A\_n257A  DC\_1A-18A-42A\_n257D  DC\_1A-18A-42A\_n257E  DC\_1A-18A-42A\_n257F  DC\_1A-18A-42A\_n257G  DC\_1A-18A-42A\_n257H  DC\_1A-18A-42A\_n257I  DC\_1A-18A-42A\_n257J  DC\_1A-18A-42A\_n257K  DC\_1A-18A-42A\_n257L  DC\_1A-18A-42A\_n257M  DC\_1A-18A-42C\_n257A  DC\_1A-18A-42C\_n257D  DC\_1A-18A-42C\_n257E  DC\_1A-18A-42C\_n257F  DC\_1A-18A-42C\_n257G  DC\_1A-18A-42C\_n257H  DC\_1A-18A-42C\_n257I  DC\_1A-18A-42C\_n257J  DC\_1A-18A-42C\_n257K  DC\_1A-18A-42C\_n257L  DC\_1A-18A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
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| DC\_19A-28A-42A\_n257A  DC\_19A-28A-42C\_n257A | DC\_19A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_21A-28A-42A\_n257A2  DC\_21A-28A-42C\_n257A2 | DC\_21A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_28A-41A-42A\_n257A  DC\_28A-41A-42A\_n257G  DC\_28A-41A-42A\_n257H  DC\_28A-41A-42A\_n257I  DC\_28A-41C-42A\_n257A  DC\_28A-41C-42A\_n257G  DC\_28A-41C-42A\_n257H  DC\_28A-41C-42A\_n257I  DC\_28A-41A-42C\_n257A  DC\_28A-41A-42C\_n257G  DC\_28A-41A-42C\_n257H  DC\_28A-41A-42C\_n257I  DC\_28A-41C-42C\_n257A  DC\_28A-41C-42C\_n257G  DC\_28A-41C-42C\_n257H  DC\_28A-41C-42C\_n257I | DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_29A-30A-66A\_n260A  DC\_29A-30A-66A\_n260G  DC\_29A-30A-66A\_n260H  DC\_29A-30A-66A\_n260I  DC\_29A-30A-66A\_n260J  DC\_29A-30A-66A\_n260K  DC\_29A-30A-66A\_n260L  DC\_29A-30A-66A\_n260M | DC\_30A\_n260A  DC\_66A\_n260A  DC\_30A\_n260G  DC\_66A\_n260G  DC\_30A\_n260H  DC\_66A\_n260H  DC\_30A\_n260I  DC\_66A\_n260I  DC\_30A\_n260J  DC\_66A\_n260J  DC\_30A\_n260K  DC\_66A\_n260K  DC\_30A\_n260L  DC\_66A\_n260L  DC\_30A\_n260M  DC\_66A\_n260M |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability for all of the above combinations. | |

#### 5.5B.5.4 Inter-band EN-DC configurations including FR2 (five bands)

Table 5.5B.5.4-1: Inter-band EN-DC configurations including FR2 (five bands)

| **EN-DC configuration** | **Uplink EN-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_1A-3A-5A-7A\_n257A  DC\_1A-3A-5A-7A\_n257D  DC\_1A-3A-5A-7A\_n257E  DC\_1A-3A-5A-7A\_n257F  DC\_1A-3A-5A-7A\_n257G  DC\_1A-3A-5A-7A\_n257H  DC\_1A-3A-5A-7A\_n257I  DC\_1A-3A-5A-7A\_n257J  DC\_1A-3A-5A-7A\_n257K  DC\_1A-3A-5A-7A\_n257L  DC\_1A-3A-5A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-3A-5A-7A-7A\_n257A2  DC\_1A-3A-5A-7A-7A\_n257D  DC\_1A-3A-5A-7A-7A\_n257E  DC\_1A-3A-5A-7A-7A\_n257F  DC\_1A-3A-5A-7A-7A\_n257G  DC\_1A-3A-5A-7A-7A\_n257H  DC\_1A-3A-5A-7A-7A\_n257I  DC\_1A-3A-5A-7A-7A\_n257J  DC\_1A-3A-5A-7A-7A\_n257K  DC\_1A-3A-5A-7A-7A\_n257L  DC\_1A-3A-5A-7A-7A\_n257M | DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_5A\_n257A  DC\_5A\_n257D  DC\_5A\_n257G  DC\_5A\_n257H  DC\_5A\_n257I  DC\_7A\_n257A  DC\_7A\_n257D  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I |
| DC\_1A-3A-7A-28A\_n257A  DC\_1A-3A-7A-28A\_n257G  DC\_1A-3A-7A-28A\_n257H  DC\_1A-3A-7A-28A\_n257I | DC\_1A\_n257A  DC\_3A\_n257A  DC\_7A\_n257A  DC\_28A\_n257A |
| DC\_1A-3A-7A-28A\_n258A  DC\_1A-3A-7A-28A\_n258B  DC\_1A-3A-7A-28A\_n258C  DC\_1A-3A-7A-28A\_n258D  DC\_1A-3A-7A-28A\_n258E  DC\_1A-3A-7A-28A\_n258F  DC\_1A-3A-7A-28A\_n258G  DC\_1A-3A-7A-28A\_n258H  DC\_1A-3A-7A-28A\_n258I  DC\_1A-3A-7A-28A\_n258J  DC\_1A-3A-7A-28A\_n258K  DC\_1A-3A-7A-28A\_n258L  DC\_1A-3A-7A-28A\_n258M  DC\_1A-3C-7A-28A\_n258A  DC\_1A-3C-7A-28A\_n258B  DC\_1A-3C-7A-28A\_n258C  DC\_1A-3C-7A-28A\_n258D  DC\_1A-3C-7A-28A\_n258E  DC\_1A-3C-7A-28A\_n258F  DC\_1A-3C-7A-28A\_n258G  DC\_1A-3C-7A-28A\_n258H  DC\_1A-3C-7A-28A\_n258I  DC\_1A-3C-7A-28A\_n258J  DC\_1A-3C-7A-28A\_n258K  DC\_1A-3C-7A-28A\_n258L  DC\_1A-3C-7A-28A\_n258M  DC\_1A-3A-7C-28A\_n258A  DC\_1A-3A-7C-28A\_n258B  DC\_1A-3A-7C-28A\_n258C  DC\_1A-3A-7C-28A\_n258D  DC\_1A-3A-7C-28A\_n258E  DC\_1A-3A-7C-28A\_n258F  DC\_1A-3A-7C-28A\_n258G  DC\_1A-3A-7C-28A\_n258H  DC\_1A-3A-7C-28A\_n258I  DC\_1A-3A-7C-28A\_n258J  DC\_1A-3A-7C-28A\_n258K  DC\_1A-3A-7C-28A\_n258L  DC\_1A-3A-7C-28A\_n258M  DC\_1A-3C-7C-28A\_n258A  DC\_1A-3C-7C-28A\_n258B  DC\_1A-3C-7C-28A\_n258C  DC\_1A-3C-7C-28A\_n258D  DC\_1A-3C-7C-28A\_n258E  DC\_1A-3C-7C-28A\_n258F  DC\_1A-3C-7C-28A\_n258G  DC\_1A-3C-7C-28A\_n258H  DC\_1A-3C-7C-28A\_n258I  DC\_1A-3C-7C-28A\_n258J  DC\_1A-3C-7C-28A\_n258K  DC\_1A-3C-7C-28A\_n258L  DC\_1A-3C-7C-28A\_n258M | DC\_1A\_n258A  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3A\_n258A  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_3C\_n258A  DC\_3C\_n258G  DC\_3C\_n258H  DC\_3C\_n258I  DC\_7A\_n258A  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I  DC\_7C\_n258A  DC\_7C\_n258G  DC\_7C\_n258H  DC\_7C\_n258I  DC\_28A\_n258A  DC\_28A\_n258G  DC\_28A\_n258H  DC\_28A\_n258I |
| DC\_1A-3A-8A-11A\_n257A  DC\_1A-3A-8A-11A\_n257G  DC\_1A-3A-8A-11A\_n257H  DC\_1A-3A-8A-11A\_n257I | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_8A\_n257A  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n257A  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_1A-3A-18A-42A\_n257A  DC\_1A-3A-18A-42A\_n257D  DC\_1A-3A-18A-42A\_n257E  DC\_1A-3A-18A-42A\_n257F  DC\_1A-3A-18A-42A\_n257G  DC\_1A-3A-18A-42A\_n257H  DC\_1A-3A-18A-42A\_n257I  DC\_1A-3A-18A-42A\_n257J  DC\_1A-3A-18A-42A\_n257K  DC\_1A-3A-18A-42A\_n257L  DC\_1A-3A-18A-42A\_n257M  DC\_1A-3A-18A-42C\_n257A  DC\_1A-3A-18A-42C\_n257D  DC\_1A-3A-18A-42C\_n257E  DC\_1A-3A-18A-42C\_n257F  DC\_1A-3A-18A-42C\_n257G  DC\_1A-3A-18A-42C\_n257H  DC\_1A-3A-18A-42C\_n257I  DC\_1A-3A-18A-42C\_n257J  DC\_1A-3A-18A-42C\_n257K  DC\_1A-3A-18A-42C\_n257L  DC\_1A-3A-18A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-19A-21A\_n257A2  DC\_1A-3A-19A-21A\_n257D2  DC\_1A-3A-19A-21A\_n257E2  DC\_1A-3A-19A-21A\_n257F2 | DC\_1A\_n257A  DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A |
| DC\_1A-3A-19A-42A\_n257A  DC\_1A-3A-19A-42A\_n257D  DC\_1A-3A-19A-42A\_n257E  DC\_1A-3A-19A-42A\_n257F  DC\_1A-3A-19A-42A\_n257G  DC\_1A-3A-19A-42A\_n257H  DC\_1A-3A-19A-42A\_n257I  DC\_1A-3A-19A-42A\_n257J  DC\_1A-3A-19A-42A\_n257K  DC\_1A-3A-19A-42A\_n257L  DC\_1A-3A-19A-42A\_n257M  DC\_1A-3A-19A-42C\_n257A  DC\_1A-3A-19A-42C\_n257D  DC\_1A-3A-19A-42C\_n257E  DC\_1A-3A-19A-42C\_n257F  DC\_1A-3A-19A-42C\_n257G  DC\_1A-3A-19A-42C\_n257H  DC\_1A-3A-19A-42C\_n257I  DC\_1A-3A-19A-42C\_n257J  DC\_1A-3A-19A-42C\_n257K  DC\_1A-3A-19A-42C\_n257L  DC\_1A-3A-19A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-3A-21A-42A\_n257A  DC\_1A-3A-21A-42A\_n257D  DC\_1A-3A-21A-42A\_n257E  DC\_1A-3A-21A-42A\_n257F  DC\_1A-3A-21A-42A\_n257G  DC\_1A-3A-21A-42A\_n257H  DC\_1A-3A-21A-42A\_n257I  DC\_1A-3A-21A-42A\_n257J  DC\_1A-3A-21A-42A\_n257K  DC\_1A-3A-21A-42A\_n257L  DC\_1A-3A-21A-42A\_n257M  DC\_1A-3A-21A-42C\_n257A  DC\_1A-3A-21A-42C\_n257D  DC\_1A-3A-21A-42C\_n257E  DC\_1A-3A-21A-42C\_n257F  DC\_1A-3A-21A-42C\_n257G  DC\_1A-3A-21A-42C\_n257H  DC\_1A-3A-21A-42C\_n257I  DC\_1A-3A-21A-42C\_n257J  DC\_1A-3A-21A-42C\_n257K  DC\_1A-3A-21A-42C\_n257L  DC\_1A-3A-21A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-3A-28A-42A\_n257A  DC\_1A-3A-28A-42A\_n257G  DC\_1A-3A-28A-42A\_n257H  DC\_1A-3A-28A-42A\_n257I  DC\_1A-3A-28A-42A\_n257J  DC\_1A-3A-28A-42A\_n257K  DC\_1A-3A-28A-42A\_n257L  DC\_1A-3A-28A-42A\_n257M  DC\_1A-3A-28A-42C\_n257A  DC\_1A-3A-28A-42C\_n257G  DC\_1A-3A-28A-42C\_n257H  DC\_1A-3A-28A-42C\_n257I  DC\_1A-3A-28A-42C\_n257J  DC\_1A-3A-28A-42C\_n257K  DC\_1A-3A-28A-42C\_n257L  DC\_1A-3A-28A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n257L  DC\_3A\_n257M  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-41A-42A\_n257A  DC\_1A-3A-41A-42A\_n257D  DC\_1A-3A-41A-42A\_n257E  DC\_1A-3A-41A-42A\_n257F  DC\_1A-3A-41A-42A\_n257G  DC\_1A-3A-41A-42A\_n257H  DC\_1A-3A-41A-42A\_n257I  DC\_1A-3A-41A-42A\_n257J  DC\_1A-3A-41A-42A\_n257K  DC\_1A-3A-41A-42A\_n257L  DC\_1A-3A-41A-42A\_n257M  DC\_1A-3A-41A-42C\_n257A  DC\_1A-3A-41A-42C\_n257D  DC\_1A-3A-41A-42C\_n257E  DC\_1A-3A-41A-42C\_n257F  DC\_1A-3A-41A-42C\_n257G  DC\_1A-3A-41A-42C\_n257H  DC\_1A-3A-41A-42C\_n257I  DC\_1A-3A-41A-42C\_n257J  DC\_1A-3A-41A-42C\_n257K  DC\_1A-3A-41A-42C\_n257L  DC\_1A-3A-41A-42C\_n257M  DC\_1A-3A-41C-42A\_n257A  DC\_1A-3A-41C-42A\_n257D  DC\_1A-3A-41C-42A\_n257E  DC\_1A-3A-41C-42A\_n257F  DC\_1A-3A-41C-42A\_n257G  DC\_1A-3A-41C-42A\_n257H  DC\_1A-3A-41C-42A\_n257I  DC\_1A-3A-41C-42A\_n257J  DC\_1A-3A-41C-42A\_n257K  DC\_1A-3A-41C-42A\_n257L  DC\_1A-3A-41C-42A\_n257M  DC\_1A-3A-41C-42C\_n257A  DC\_1A-3A-41C-42C\_n257D  DC\_1A-3A-41C-42C\_n257E  DC\_1A-3A-41C-42C\_n257F  DC\_1A-3A-41C-42C\_n257G  DC\_1A-3A-41C-42C\_n257H  DC\_1A-3A-41C-42C\_n257I  DC\_1A-3A-41C-42C\_n257J  DC\_1A-3A-41C-42C\_n257K  DC\_1A-3A-41C-42C\_n257L  DC\_1A-3A-41C-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-19A-21A-42A\_n257A  DC\_1A-19A-21A-42A\_n257D  DC\_1A-19A-21A-42A\_n257E  DC\_1A-19A-21A-42A\_n257F  DC\_1A-19A-21A-42A\_n257G  DC\_1A-19A-21A-42A\_n257H  DC\_1A-19A-21A-42A\_n257I  DC\_1A-19A-21A-42A\_n257J  DC\_1A-19A-21A-42A\_n257K  DC\_1A-19A-21A-42A\_n257L  DC\_1A-19A-21A-42A\_n257M  DC\_1A-19A-21A-42C\_n257A  DC\_1A-19A-21A-42C\_n257D  DC\_1A-19A-21A-42C\_n257E  DC\_1A-19A-21A-42C\_n257F  DC\_1A-19A-21A-42C\_n257G  DC\_1A-19A-21A-42C\_n257H  DC\_1A-19A-21A-42C\_n257I  DC\_1A-19A-21A-42C\_n257J  DC\_1A-19A-21A-42C\_n257K  DC\_1A-19A-21A-42C\_n257L  DC\_1A-19A-21A-42C\_n257M | DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n257J  DC\_1A\_n257K  DC\_1A\_n257L  DC\_1A\_n257M  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_21A\_n257J  DC\_21A\_n257K  DC\_21A\_n257L  DC\_21A\_n257M  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_1A-19A-28A-42C\_n257A  DC\_1A-19A-28A-42C\_n257A | DC\_1A\_n257A  DC\_19A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_1A-21A-28A-42A\_n257A | DC\_1A\_n257A  DC\_21A\_n257A  DC\_28A\_n257A  DC\_42A\_n257A |
| DC\_2A-5A-30A-66A\_n260A  DC\_2A-5A-30A-66A\_n260G  DC\_2A-5A-30A-66A\_n260H  DC\_2A-5A-30A-66A\_n260I  DC\_2A-5A-30A-66A\_n260J  DC\_2A-5A-30A-66A\_n260K  DC\_2A-5A-30A-66A\_n260L  DC\_2A-5A-30A-66A\_n260M | DC\_2A\_n260A  DC\_5A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_5A\_n260G  DC\_30A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_5A\_n260H  DC\_30A\_n260H  DC\_66A\_n260H  DC\_2A\_n260I  DC\_5A\_n260I  DC\_30A\_n260I  DC\_66A\_n260I  DC\_2A\_n260J  DC\_5A\_n260J  DC\_30A\_n260J  DC\_66A\_n260J  DC\_2A\_n260K  DC\_5A\_n260K  DC\_30A\_n260K  DC\_66A\_n260K  DC\_2A\_n260L  DC\_5A\_n260L  DC\_30A\_n260L  DC\_66A\_n260L  DC\_2A\_n260M  DC\_5A\_n260M  DC\_30A\_n260M  DC\_66A\_n260M |
| DC\_2A-2A-5A-30A-66A\_n260A  DC\_2A-2A-5A-30A-66A\_n260G  DC\_2A-2A-5A-30A-66A\_n260H  DC\_2A-2A-5A-30A-66A\_n260I  DC\_2A-2A-5A-30A-66A\_n260J  DC\_2A-2A-5A-30A-66A\_n260K  DC\_2A-2A-5A-30A-66A\_n260L  DC\_2A-2A-5A-30A-66A\_n260M | DC\_2A\_n260A  DC\_5A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_5A\_n260G  DC\_30A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_5A\_n260H  DC\_30A\_n260H  DC\_66A\_n260H  DC\_2A\_n260I  DC\_5A\_n260I  DC\_30A\_n260I  DC\_66A\_n260I  DC\_2A\_n260J  DC\_5A\_n260J  DC\_30A\_n260J  DC\_66A\_n260J  DC\_2A\_n260K  DC\_5A\_n260K  DC\_30A\_n260K  DC\_66A\_n260K  DC\_2A\_n260L  DC\_5A\_n260L  DC\_30A\_n260L  DC\_66A\_n260L  DC\_2A\_n260M  DC\_5A\_n260M  DC\_30A\_n260M  DC\_66A\_n260M |
| DC\_2A-5A-30A-66A-66A\_n260A  DC\_2A-5A-30A-66A-66A\_n260G  DC\_2A-5A-30A-66A-66A\_n260H  DC\_2A-5A-30A-66A-66A\_n260I  DC\_2A-5A-30A-66A-66A\_n260J  DC\_2A-5A-30A-66A-66A\_n260K  DC\_2A-5A-30A-66A-66A\_n260L  DC\_2A-5A-30A-66A-66A\_n260M | DC\_2A\_n260A  DC\_5A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_5A\_n260G  DC\_30A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_5A\_n260H  DC\_30A\_n260H  DC\_66A\_n260H  DC\_2A\_n260I  DC\_5A\_n260I  DC\_30A\_n260I  DC\_66A\_n260I  DC\_2A\_n260J  DC\_5A\_n260J  DC\_30A\_n260J  DC\_66A\_n260J  DC\_2A\_n260K  DC\_5A\_n260K  DC\_30A\_n260K  DC\_66A\_n260K  DC\_2A\_n260L  DC\_5A\_n260L  DC\_30A\_n260L  DC\_66A\_n260L  DC\_2A\_n260M  DC\_5A\_n260M  DC\_30A\_n260M  DC\_66A\_n260M |
| DC\_2A-12A-30A-66A\_n260A  DC\_2A-12A-30A-66A\_n260G  DC\_2A-12A-30A-66A\_n260H  DC\_2A-12A-30A-66A\_n260I  DC\_2A-12A-30A-66A\_n260J  DC\_2A-12A-30A-66A\_n260K  DC\_2A-12A-30A-66A\_n260L  DC\_2A-12A-30A-66A\_n260M | DC\_2A\_n260A  DC\_12A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_12A\_n260G  DC\_30A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_12A\_n260H  DC\_30A\_n260H  DC\_66A\_n260H  DC\_2A\_n260I  DC\_12A\_n260I  DC\_30A\_n260I  DC\_66A\_n260I  DC\_2A\_n260J  DC\_12A\_n260J  DC\_30A\_n260J  DC\_66A\_n260J  DC\_2A\_n260K  DC\_12A\_n260K  DC\_30A\_n260K  DC\_66A\_n260K  DC\_2A\_n260L  DC\_12A\_n260L  DC\_30A\_n260L  DC\_66A\_n260L  DC\_2A\_n260M  DC\_12A\_n260M  DC\_30A\_n260M  DC\_66A\_n260M |
| DC\_2A-2A-12A-30A-66A\_n260A  DC\_2A-2A-12A-30A-66A\_n260G  DC\_2A-2A-12A-30A-66A\_n260H  DC\_2A-2A-12A-30A-66A\_n260I  DC\_2A-2A-12A-30A-66A\_n260J  DC\_2A-2A-12A-30A-66A\_n260K  DC\_2A-2A-12A-30A-66A\_n260L  DC\_2A-2A-12A-30A-66A\_n260M | DC\_2A\_n260A  DC\_12A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_12A\_n260G  DC\_30A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_12A\_n260H  DC\_30A\_n260H  DC\_66A\_n260H  DC\_2A\_n260I  DC\_12A\_n260I  DC\_30A\_n260I  DC\_66A\_n260I  DC\_2A\_n260J  DC\_12A\_n260J  DC\_30A\_n260J  DC\_66A\_n260J  DC\_2A\_n260K  DC\_12A\_n260K  DC\_30A\_n260K  DC\_66A\_n260K  DC\_2A\_n260L  DC\_12A\_n260L  DC\_30A\_n260L  DC\_66A\_n260L  DC\_2A\_n260M  DC\_12A\_n260M  DC\_30A\_n260M  DC\_66A\_n260M |
| DC\_2A-12A-30A-66A-66A\_n260A  DC\_2A-12A-30A-66A-66A\_n260G  DC\_2A-12A-30A-66A-66A\_n260H  DC\_2A-12A-30A-66A-66A\_n260I  DC\_2A-12A-30A-66A-66A\_n260J  DC\_2A-12A-30A-66A-66A\_n260K  DC\_2A-12A-30A-66A-66A\_n260L  DC\_2A-12A-30A-66A-66A\_n260M | DC\_2A\_n260A  DC\_12A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_12A\_n260G  DC\_30A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_12A\_n260H  DC\_30A\_n260H  DC\_66A\_n260H  DC\_2A\_n260I  DC\_12A\_n260I  DC\_30A\_n260I  DC\_66A\_n260I  DC\_2A\_n260J  DC\_12A\_n260J  DC\_30A\_n260J  DC\_66A\_n260J  DC\_2A\_n260K  DC\_12A\_n260K  DC\_30A\_n260K  DC\_66A\_n260K  DC\_2A\_n260L  DC\_12A\_n260L  DC\_30A\_n260L  DC\_66A\_n260L  DC\_2A\_n260M  DC\_12A\_n260M  DC\_30A\_n260M  DC\_66A\_n260M |
| DC\_2A-14A-30A-66A\_n260A  DC\_2A-14A-30A-66A\_n260G  DC\_2A-14A-30A-66A\_n260H  DC\_2A-14A-30A-66A\_n260I  DC\_2A-14A-30A-66A\_n260J  DC\_2A-14A-30A-66A\_n260K  DC\_2A-14A-30A-66A\_n260L  DC\_2A-14A-30A-66A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M  DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M  DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_2A-2A-14A-30A-66A\_n260A  DC\_2A-2A-14A-30A-66A\_n260G  DC\_2A-2A-14A-30A-66A\_n260H  DC\_2A-2A-14A-30A-66A\_n260I  DC\_2A-2A-14A-30A-66A\_n260J  DC\_2A-2A-14A-30A-66A\_n260K  DC\_2A-2A-14A-30A-66A\_n260L  DC\_2A-2A-14A-30A-66A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M  DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M  DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_2A-14A-30A-66A-66A\_n260A  DC\_2A-14A-30A-66A-66A\_n260G  DC\_2A-14A-30A-66A-66A\_n260H  DC\_2A-14A-30A-66A-66A\_n260I  DC\_2A-14A-30A-66A-66A\_n260J  DC\_2A-14A-30A-66A-66A\_n260K  DC\_2A-14A-30A-66A-66A\_n260L  DC\_2A-14A-30A-66A-66A\_n260M | DC\_2A\_n260A  DC\_2A\_n260G  DC\_2A\_n260H  DC\_2A\_n260I  DC\_2A\_n260J  DC\_2A\_n260K  DC\_2A\_n260L  DC\_2A\_n260M  DC\_14A\_n260A  DC\_14A\_n260G  DC\_14A\_n260H  DC\_14A\_n260I  DC\_14A\_n260J  DC\_14A\_n260K  DC\_14A\_n260L  DC\_14A\_n260M  DC\_30A\_n260A  DC\_30A\_n260G  DC\_30A\_n260H  DC\_30A\_n260I  DC\_30A\_n260J  DC\_30A\_n260K  DC\_30A\_n260L  DC\_30A\_n260M  DC\_66A\_n260A  DC\_66A\_n260G  DC\_66A\_n260H  DC\_66A\_n260I  DC\_66A\_n260J  DC\_66A\_n260K  DC\_66A\_n260L  DC\_66A\_n260M |
| DC\_2A-29A-30A-66A\_n260A  DC\_2A-29A-30A-66A\_n260G  DC\_2A-29A-30A-66A\_n260H  DC\_2A-29A-30A-66A\_n260I  DC\_2A-29A-30A-66A\_n260J  DC\_2A-29A-30A-66A\_n260K  DC\_2A-29A-30A-66A\_n260L  DC\_2A-29A-30A-66A\_n260M | DC\_2A\_n260A  DC\_30A\_n260A  DC\_66A\_n260A  DC\_2A\_n260G  DC\_30A\_n260G  DC\_66A\_n260G  DC\_2A\_n260H  DC\_30A\_n260H  DC\_66A\_n260H  DC\_2A\_n260I  DC\_30A\_n260I  DC\_66A\_n260I  DC\_2A\_n260J  DC\_30A\_n260J  DC\_66A\_n260J  DC\_2A\_n260K  DC\_30A\_n260K  DC\_66A\_n260K  DC\_2A\_n260L  DC\_30A\_n260L  DC\_66A\_n260L  DC\_2A\_n260M  DC\_30A\_n260M  DC\_66A\_n260M |
| DC\_3A-19A-21A-42A\_n257A  DC\_3A-19A-21A-42A\_n257D  DC\_3A-19A-21A-42A\_n257E  DC\_3A-19A-21A-42A\_n257F  DC\_3A-19A-21A-42C\_n257A  DC\_3A-19A-21A-42C\_n257D  DC\_3A-19A-21A-42C\_n257E  DC\_3A-19A-21A-42C\_n257F | DC\_3A\_n257A  DC\_19A\_n257A  DC\_21A\_n257A  DC\_3A\_n257D  DC\_19A\_n257D  DC\_21A\_n257D |
| DC\_3A-28A-41A-42A\_n257A  DC\_3A-28A-41A-42A\_n257G  DC\_3A-28A-41A-42A\_n257H  DC\_3A-28A-41A-42A\_n257I  DC\_3A-28A-41A-42C\_n257A  DC\_3A-28A-41A-42C\_n257G  DC\_3A-28A-41A-42C\_n257H  DC\_3A-28A-41A-42C\_n257I  DC\_3A-28A-41C-42A\_n257A  DC\_3A-28A-41C-42A\_n257G  DC\_3A-28A-41C-42A\_n257H  DC\_3A-28A-41C-42A\_n257I  DC\_3A-28A-41C-42C\_n257A  DC\_3A-28A-41C-42C\_n257G  DC\_3A-28A-41C-42C\_n257H  DC\_3A-28A-41C-42C\_n257I | DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability for all of the above combinations. | |

#### 5.5B.5.5 Void

### 5.5B.5a Inter-band NE-DC including FR2

#### 5.5B.5a.1 Inter-band NE-DC configurations including FR2 (two bands)

Table 5.5B.5a.1-1: Inter-band NE-DC configurations including FR2 (two bands)

|  |  |
| --- | --- |
| NE-DC  configuration | Uplink NE-DC  configuration  (NOTE 1) |
| DC\_n257A\_1A  DC\_n257G\_1A  DC\_n257H\_1A  DC\_n257I\_1A  DC\_n257J\_1A  DC\_n257K\_1A  DC\_n257L\_1A  DC\_n257M\_1A | DC\_n257A\_1A  DC\_n257G\_1A  DC\_n257H\_1A  DC\_n257I\_1A  DC\_n257J\_1A  DC\_n257K\_1A  DC\_n257L\_1A  DC\_n257M\_1A |
| DC\_n257A\_3A  DC\_n257G\_3A  DC\_n257H\_3A  DC\_n257I\_3A  DC\_n257J\_3A  DC\_n257K\_3A  DC\_n257L\_3A  DC\_n257M\_3A  DC\_n257A\_3C  DC\_n257G\_3C  DC\_n257H\_3C  DC\_n257I\_3C  DC\_n257J\_3C  DC\_n257K\_3C  DC\_n257L\_3C  DC\_n257M\_3C | DC\_n257A\_3A  DC\_n257G\_3A  DC\_n257H\_3A  DC\_n257I\_3A  DC\_n257J\_3A  DC\_n257K\_3A  DC\_n257L\_3A  DC\_n257M\_3A  DC\_n257A\_3C  DC\_n257G\_3C  DC\_n257H\_3C  DC\_n257I\_3C  DC\_n257J\_3C  DC\_n257K\_3C  DC\_n257L\_3C  DC\_n257M\_3C |
| DC\_n257A\_5A  DC\_n257G\_5A  DC\_n257H\_5A  DC\_n257I\_5A  DC\_n257J\_5A  DC\_n257K\_5A  DC\_n257L\_5A  DC\_n257M\_5A | DC\_n257A\_5A |
| DC\_n257A\_7A  DC\_n257G\_7A  DC\_n257H\_7A  DC\_n257I\_7A  DC\_n257J\_7A  DC\_n257K\_7A  DC\_n257L\_7A  DC\_n257M\_7A | DC\_n257A\_7A |
| DC\_n257A\_7A-7A  DC\_n257G\_7A-7A  DC\_n257H\_7A-7A  DC\_n257I\_7A-7A  DC\_n257J\_7A-7A  DC\_n257K\_7A-7A  DC\_n257L\_7A-7A  DC\_n257M\_7A-7A | DC\_n257A\_7A |
| DC\_n257A\_8A  DC\_n257G\_8A  DC\_n257H\_8A  DC\_n257I\_8A  DC\_n257J\_8A  DC\_n257K\_8A  DC\_n257L\_8A  DC\_n257M\_8A | DC\_n257A\_8A |
| DC\_n257A\_26A | DC\_n257A\_26A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band NE-DC with mandatory simultaneous Rx/Tx capability for all of the above combinations | |

#### 5.5B.5a.2 Inter-band NE-DC configurations including FR2 (three bands)

Table 5.5B.5a.2-1: Inter-band NE-DC configurations including FR2 (three bands)

| NE-DC configuration | Uplink NE-DC configuration (NOTE 1) |
| --- | --- |
| DC\_n77A-n257A\_1A  DC\_n77A-n257G\_1A  DC\_n77A-n257H\_1A  DC\_n77A-n257I\_1A  DC\_n77A-n257J\_1A  DC\_n77A-n257K\_1A  DC\_n77A-n257L\_1A  DC\_n77A-n257M\_1A | DC\_n77A\_1A  DC\_n257A\_1A |
| DC\_n77(2A)-n257A\_1A  DC\_n77(2A)-n257G\_1A  DC\_n77(2A)-n257H\_1A  DC\_n77(2A)-n257I\_1A  DC\_n77(2A)-n257J\_1A  DC\_n77(2A)-n257K\_1A  DC\_n77(2A)-n257L\_1A  DC\_n77(2A)-n257M\_1A | DC\_n77A\_1A  DC\_n257A\_1A |
| DC\_n77A-n257A\_3A  DC\_n77A-n257G\_3A  DC\_n77A-n257H\_3A  DC\_n77A-n257I\_3A  DC\_n77A-n257J\_3A  DC\_n77A-n257K\_3A  DC\_n77A-n257L\_3A  DC\_n77A-n257M\_3A | DC\_n77A\_3A  DC\_n257A\_3A |
| DC\_n77(2A)-n257A\_3A  DC\_n77(2A)-n257G\_3A  DC\_n77(2A)-n257H\_3A  DC\_n77(2A)-n257I\_3A  DC\_n77(2A)-n257J\_3A  DC\_n77 (2A) -n257K\_3A  DC\_n77(2A)-n257L\_3A  DC\_n77(2A)-n257M\_3A | DC\_n77A\_3A  DC\_n257A\_3A |
| DC\_n257A\_1A-3A  DC\_n257G\_1A-3A  DC\_n257H\_1A-3A  DC\_n257I\_1A-3A  DC\_n257J\_1A-3A  DC\_n257K\_1A-3A  DC\_n257L\_1A-3A  DC\_n257M\_1A-3A  DC\_n257A\_1A-3C  DC\_n257G\_1A-3C  DC\_n257H\_1A-3C  DC\_n257I\_1A-3C  DC\_n257J\_1A-3C  DC\_n257K\_1A-3C  DC\_n257L\_1A-3C  DC\_n257M\_1A-3C | DC\_n257A\_1A  DC\_n257A\_3A  DC\_n257G\_3A  DC\_n257H\_3A  DC\_n257I\_3A  DC\_n257J\_3A  DC\_n257K\_3A  DC\_n257L\_3A  DC\_n257M\_3A |
| DC\_n257A\_1A-5A  DC\_n257G\_1A-5A  DC\_n257H\_1A-5A  DC\_n257I\_1A-5A  DC\_n257J\_1A-5A  DC\_n257K\_1A-5A  DC\_n257L\_1A-5A  DC\_n257M\_1A-5A | DC\_n257A\_1A  DC\_n257A\_5A |
| DC\_n257A\_1A-7A  DC\_n257G\_1A-7A  DC\_n257H\_1A-7A  DC\_n257I\_1A-7A  DC\_n257J\_1A-7A  DC\_n257K\_1A-7A  DC\_n257L\_1A-7A  DC\_n257M\_1A-7A | DC\_n257A\_1A  DC\_n257A\_7A |
| DC\_n257A\_1A-7A-7A  DC\_n257G\_1A-7A-7A  DC\_n257H\_1A-7A-7A  DC\_n257I\_1A-7A-7A  DC\_n257J\_1A-7A-7A  DC\_n257K\_1A-7A-7A  DC\_n257L\_1A-7A-7A  DC\_n257M\_1A-7A-7A | DC\_n257A\_1A  DC\_n257A\_7A |
| DC\_n257A\_1A-8A  DC\_n257G\_1A-8A  DC\_n257H\_1A-8A  DC\_n257I\_1A-8A  DC\_n257J\_1A-8A  DC\_n257K\_1A-8A  DC\_n257L\_1A-8A  DC\_n257M\_1A-8A | DC\_n257A\_1A  DC\_n257A\_8A |
| DC\_n257A\_3A-1A | DC\_n3A\_1A  DC\_n257A\_1A |
| DC\_n257A\_3A-5A  DC\_n257G\_3A-5A  DC\_n257H\_3A-5A  DC\_n257I\_3A-5A  DC\_n257J\_3A-5A  DC\_n257K\_3A-5A  DC\_n257L\_3A-5A  DC\_n257M\_3A-5A | DC\_n257A\_3A  DC\_n257A\_5A |
| DC\_n257A\_3A-7A  DC\_n257G\_3A-7A  DC\_n257H\_3A-7A  DC\_n257I\_3A-7A  DC\_n257J\_3A-7A  DC\_n257K\_3A-7A  DC\_n257L\_3A-7A  DC\_n257M\_3A-7A | DC\_n257A\_3A  DC\_n257A\_7A |
| DC\_n257A\_3A-7A-7A  DC\_n257G\_3A-7A-7A  DC\_n257H\_3A-7A-7A  DC\_n257I\_3A-7A-7A  DC\_n257J\_3A-7A-7A  DC\_n257K\_3A-7A-7A  DC\_n257L\_3A-7A-7A  DC\_n257M\_3A-7A-7A | DC\_n257A\_3A  DC\_n257A\_7A |
| DC\_n257A\_3A-8A  DC\_n257G\_3A-8A  DC\_n257H\_3A-8A  DC\_n257I\_3A-8A  DC\_n257J\_3A-8A  DC\_n257K\_3A-8A  DC\_n257L\_3A-8A  DC\_n257M\_3A-8A  DC\_n257A\_3C-8A  DC\_n257G\_3C-8A  DC\_n257H\_3C-8A  DC\_n257I\_3C-8A  DC\_n257J\_3C-8A  DC\_n257K\_3C-8A  DC\_n257L\_3C-8A  DC\_n257M\_3C-8A | DC\_n257A\_3A  DC\_n257A\_8A |
| DC\_n257A\_5A-7A  DC\_n257G\_5A-7A  DC\_n257H\_5A-7A  DC\_n257I\_5A-7A  DC\_n257J\_5A-7A  DC\_n257K\_5A-7A  DC\_n257L\_5A-7A  DC\_n257M\_5A-7A | DC\_n257A\_5A  DC\_n257A\_7A |
| DC\_n257A\_5A-7A-7A  DC\_n257G\_5A-7A-7A  DC\_n257H\_5A-7A-7A  DC\_n257I\_5A-7A-7A  DC\_n257J\_5A-7A-7A  DC\_n257K\_5A-7A-7A  DC\_n257L\_5A-7A-7A  DC\_n257M\_5A-7A-7A | DC\_n257A\_5A  DC\_n257A\_7A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the presNEt release of specifications.  NOTE 2: Applicable for UE supporting inter-band NE-DC with mandatory simultaneous Rx/Tx capability | |

#### 5.5B.5a.3 Inter-band NE-DC configurations including FR2 (four bands)

Table 5.5B.5a.3-1: Inter-band NE-DC configurations including FR2 (four bands)

| NE-DC configuration | Uplink NE-DC configuration (NOTE 1) |
| --- | --- |
| DC\_n77A-n257A\_1A-3A  DC\_n77A-n257G\_1A-3A  DC\_n77A-n257H\_1A-3A  DC\_n77A-n257I\_1A-3A  DC\_n77A-n257J\_1A-3A  DC\_n77A-n257K\_1A-3A  DC\_n77A-n257L\_1A-3A  DC\_n77A-n257M\_1A-3A | DC\_n77A\_1A DC\_n257A\_1A DC\_n77A\_3A DC\_n257A-3A |
| DC\_n77(2A)-n257A\_1A-3A  DC\_n77(2A)-n257G\_1A-3A  DC\_n77(2A)-n257H\_1A-3A  DC\_n77(2A)-n257I\_1A-3A  DC\_n77(2A)-n257J\_1A-3A  DC\_n77 (2A) -n257K\_1A-3A  DC\_n77(2A)-n257L\_1A-3A  DC\_n77(2A)-n257M\_1A-3A | DC\_n77A\_1A DC\_n257A\_1A DC\_n77A\_3A DC\_n257A-3A |
| DC\_n257A\_1A-3A-5A  DC\_n257G\_1A-3A-5A  DC\_n257H\_1A-3A-5A  DC\_n257I\_1A-3A-5A  DC\_n257J\_1A-3A-5A  DC\_n257K\_1A-3A-5A  DC\_n257L\_1A-3A-5A  DC\_n257M\_1A-3A-5A | DC\_n257A\_1A  DC\_n257A\_3A  DC\_n257A\_5A |
| DC\_n257A\_1A-3A-7A  DC\_n257G\_1A-3A-7A  DC\_n257H\_1A-3A-7A  DC\_n257I\_1A-3A-7A  DC\_n257J\_1A-3A-7A  DC\_n257K\_1A-3A-7A  DC\_n257L\_1A-3A-7A  DC\_n257M\_1A-3A-7A | DC\_n257A\_1A  DC\_n257A\_3A  DC\_n257A\_7A |
| DC\_n257A\_1A-3A-7A-7A  DC\_n257G\_1A-3A-7A-7A  DC\_n257H\_1A-3A-7A-7A  DC\_n257I\_1A-3A-7A-7A  DC\_n257J\_1A-3A-7A-7A  DC\_n257K\_1A-3A-7A-7A  DC\_n257L\_1A-3A-7A-7A  DC\_n257M\_1A-3A-7A-7A | DC\_n257A\_1A  DC\_n257A\_3A  DC\_n257A\_7A |
| DC\_n257A\_1A-3A-8A  DC\_n257G\_1A-3A-8A  DC\_n257H\_1A-3A-8A  DC\_n257I\_1A-3A-8A  DC\_n257J\_1A-3A-8A  DC\_n257K\_1A-3A-8A  DC\_n257L\_1A-3A-8A  DC\_n257M\_1A-3A-8A  DC\_n257A\_1A-3C-8A  DC\_n257G\_1A-3C-8A  DC\_n257H\_1A-3C-8A  DC\_n257I\_1A-3C-8A  DC\_n257J\_1A-3C-8A  DC\_n257K\_1A-3C-8A  DC\_n257L\_1A-3C-8A  DC\_n257M\_1A-3C-8A | DC\_n257A\_1A  DC\_n257A\_3A  DC\_n257A\_8A |
| DC\_n257A\_1A-5A-7A  DC\_n257G\_1A-5A-7A  DC\_n257H\_1A-5A-7A  DC\_n257I\_1A-5A-7A  DC\_n257J\_1A-5A-7A  DC\_n257K\_1A-5A-7A  DC\_n257L\_1A-5A-7A  DC\_n257M\_1A-5A-7A | DC\_n257A\_1A  DC\_n257A\_5A  DC\_n257A\_7A |
| DC\_n257A\_1A-5A-7A-7A  DC\_n257G\_1A-5A-7A-7A  DC\_n257H\_1A-5A-7A-7A  DC\_n257I\_1A-5A-7A-7A  DC\_n257J\_1A-5A-7A-7A  DC\_n257K\_1A-5A-7A-7A  DC\_n257L\_1A-5A-7A-7A  DC\_n257M\_1A-5A-7A-7A | DC\_n257A\_1A  DC\_n257A\_5A  DC\_n257A\_7A |
| DC\_n257A\_3A-5A-7A  DC\_n257G\_3A-5A-7A  DC\_n257H\_3A-5A-7A  DC\_n257I\_3A-5A-7A  DC\_n257J\_3A-5A-7A  DC\_n257K\_3A-5A-7A  DC\_n257L\_3A-5A-7A  DC\_n257M\_3A-5A-7A | DC\_n257A\_3A  DC\_n257A\_5A  DC\_n257A\_7A |
| DC\_n257A\_3A-5A-7A-7A  DC\_n257G\_3A-5A-7A-7A  DC\_n257H\_3A-5A-7A-7A  DC\_n257I\_3A-5A-7A-7A  DC\_n257J\_3A-5A-7A-7A  DC\_n257K\_3A-5A-7A-7A  DC\_n257L\_3A-5A-7A-7A  DC\_n257M\_3A-5A-7A-7A | DC\_n257A\_3A  DC\_n257A\_5A  DC\_n257A\_7A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the presNEt release of specifications.  NOTE 2: Applicable for UE supporting inter-band NE-DC with mandatory simultaneous Rx/Tx capability | |

#### 5.5B.5a.4 Inter-band NE-DC configurations including FR2 (five bands)

Table 5.5B.5a.4-1: Inter-band NE-DC configurations including FR2 (five bands)

| NE-DC configuration | Uplink NE-DC configuration (NOTE 1) |
| --- | --- |
| DC\_n257A\_1A-3A-5A-7A  DC\_n257G\_1A-3A-5A-7A  DC\_n257H\_1A-3A-5A-7A  DC\_n257I\_1A-3A-5A-7A  DC\_n257J\_1A-3A-5A-7A  DC\_n257K\_1A-3A-5A-7A  DC\_n257L\_1A-3A-5A-7A  DC\_n257M\_1A-3A-5A-7A | DC\_n257A\_1A  DC\_n257A\_3A  DC\_n257A\_5A  DC\_n257A\_7A |
| DC\_n257A\_1A-3A-5A-7A-7A  DC\_n257G\_1A-3A-5A-7A-7A  DC\_n257H\_1A-3A-5A-7A-7A  DC\_n257I\_1A-3A-5A-7A-7A  DC\_n257J\_1A-3A-5A-7A-7A  DC\_n257K\_1A-3A-5A-7A-7A  DC\_n257L\_1A-3A-5A-7A-7A  DC\_n257M\_1A-3A-5A-7A-7A | DC\_n257A\_1A  DC\_n257A\_3A  DC\_n257A\_5A  DC\_n257A\_7A |
| NOTE 1: Uplink NE-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band NE-DC with mandatory simultaneous Rx/Tx capability | |

### 5.5B.6 Inter-band EN-DC including FR1 and FR2

#### 5.5B.6.1 Void

#### 5.5B.6.2 Inter-band EN-DC configurations including FR1 and FR2 (three bands)

Table 5.5B.6.2-1: Inter-band EN-DC configurations including FR1 and FR2 (three bands)

| **EN-DC configuration** | **Uplink EN-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_1A\_n3A-n257A2  DC\_1A\_n3A-n257G2  DC\_1A\_n3A-n257H2  DC\_1A\_n3A-n257I2 | DC\_1A\_n3A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n28A-n257A2  DC\_1A\_n28A-n257G2  DC\_1A\_n28A-n257H2  DC\_1A\_n28A-n257I2 | DC\_1A\_n28A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n40A-n258A  DC\_1A\_n40A-n258D  DC\_1A\_n40A-n258G  DC\_1A\_n40A-n258E  DC\_1A\_n40A-n258F  DC\_1A\_n40A-n258H  DC\_1A\_n40A-n258I  DC\_1A\_n40A-n258J  DC\_1A\_n40A-n258K  DC\_1A\_n40A-n258L  DC\_1A\_n40A-n258M | DC\_1A\_n40A  DC\_1A\_n258A |
| DC\_1A\_n77A-n257A2  DC\_1A\_n77A-n257D2  DC\_1A\_n77A-n257E2  DC\_1A\_n77A-n257F2  DC\_1A\_n77A-n257G2  DC\_1A\_n77A-n257H2  DC\_1A\_n77A-n257I2  DC\_1A\_n77C-n257A2  DC\_1A\_n77C-n257D2  DC\_1A\_n77C-n257E2  DC\_1A\_n77C-n257F2 | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_1A\_n77A-n257H  DC\_1A\_n77A-n257I |
| DC\_1A\_n77(2A)-n257A2  DC\_1A\_n77(2A)-n257D2  DC\_1A\_n77(2A)-n257G2  DC\_1A\_n77(2A)-n257H2  DC\_1A\_n77(2A)-n257I2 | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I |
| DC\_1A\_n77A-n258A | DC\_1A\_n77A  DC\_1A\_n258A |
| DC\_1A\_n78A-n257A2  DC\_1A\_n78A-n257D2  DC\_1A\_n78A-n257E2  DC\_1A\_n78A-n257F2  DC\_1A\_n78C-n257A2  DC\_1A\_n78C-n257D2  DC\_1A\_n78C-n257E2  DC\_1A\_n78C-n257F2 | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n78A-n257A |
| DC\_1A\_n78A-n257G2  DC\_1A\_n78A-n257H2  DC\_1A\_n78A-n257I2  DC\_1A\_n78A-n257J2  DC\_1A\_n78A-n257K2  DC\_1A\_n78A-n257L2  DC\_1A\_n78A-n257M2  DC\_1A\_n78C-n257G  DC\_1A\_n78C-n257H  DC\_1A\_n78C-n257I  DC\_1A\_n78C-n257J  DC\_1A\_n78C-n257K  DC\_1A\_n78C-n257L  DC\_1A\_n78C-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I |
| DC\_1A\_n78A-n258A  DC\_1A\_n78A-n258D  DC\_1A\_n78A-n258E  DC\_1A\_n78A-n258F  DC\_1A\_n78A-n258G  DC\_1A\_n78A-n258H  DC\_1A\_n78A-n258I  DC\_1A\_n78A-n258J  DC\_1A\_n78A-n258K  DC\_1A\_n78A-n258L  DC\_1A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A |
| DC\_1A\_n79A-n257A2  DC\_1A\_n79A-n257D2  DC\_1A\_n79A-n257E2  DC\_1A\_n79A-n257F2  DC\_1A\_n79A-n257G2  DC\_1A\_n79A-n257H2  DC\_1A\_n79A-n257I2  DC\_1A\_n79C-n257A2  DC\_1A\_n79C-n257D2  DC\_1A\_n79C-n257E2  DC\_1A\_n79C-n257F2 | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_1A\_n79A-n257A  DC\_1A\_n79A-n257G  DC\_1A\_n79A-n257H  DC\_1A\_n79A-n257I |
| DC\_1A\_n79A-n258A | DC\_1A\_n79A  DC\_1A\_n258A |
| DC\_2A\_n12A-n258A | DC\_2A\_n258A  DC\_2A\_n12A |
| DC\_2A\_n12A-n260A | DC\_2A\_n260A  DC\_2A\_n12A |
| DC\_2A\_n12A-n261A | DC\_2A\_n261A  DC\_2A\_n12A |
| DC\_2A\_n41A-n260A | DC\_2A\_n41A |
| DC\_2A\_n41A-n260(2A)  DC\_2A\_n41A-n260(3A)  DC\_2A\_n41A-n260(4A) | DC\_2A\_n41A |
| DC\_2A\_n41A-n261A | DC\_2A\_n41A |
| DC\_2A\_n41A-n261(2A) | DC\_2A\_n41A |
| DC\_2A\_n71A-n261A | DC\_2A\_n261A  DC\_2A\_n71A |
| DC\_2A\_n71A-n261(2A) | DC\_2A\_n261A  DC\_2A\_n71A |
| DC\_3A\_n1A-n257A2  DC\_3A\_n1A-n257D2  DC\_3A\_n1A-n257E2  DC\_3A\_n1A-n257F2  DC\_3A\_n1A-n257G2  DC\_3A\_n1A-n257H2  DC\_3A\_n1A-n257I2  DC\_3A\_n1A-n257J2  DC\_3A\_n1A-n257K2  DC\_3A\_n1A-n257L2  DC\_3A\_n1A-n257M2 | DC\_3A\_n1A  DC\_3A\_n257A |
| DC\_3A-3A\_n1A-n257A2  DC\_3A-3A\_n1A-n257D2  DC\_3A-3A\_n1A-n257E2  DC\_3A-3A\_n1A-n257F2  DC\_3A-3A\_n1A-n257G2  DC\_3A-3A\_n1A-n257H2  DC\_3A-3A\_n1A-n257I2  DC\_3A-3A\_n1A-n257J2  DC\_3A-3A\_n1A-n257K2  DC\_3A-3A\_n1A-n257L2  DC\_3A-3A\_n1A-n257M2 | DC\_3A\_n1A  DC\_3A\_n257A |
| DC\_3A\_n28A-n257A2  DC\_3A\_n28A-n257G2  DC\_3A\_n28A-n257H2  DC\_3A\_n28A-n257I2 | DC\_3A\_n28A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_3A\_n40A-n258A  DC\_3A\_n40A-n258D  DC\_3A\_n40A-n258E  DC\_3A\_n40A-n258F  DC\_3A\_n40A-n258G  DC\_3A\_n40A-n258H  DC\_3A\_n40A-n258I  DC\_3A\_n40A-n258J  DC\_3A\_n40A-n258K  DC\_3A\_n40A-n258L  DC\_3A\_n40A-n258M | DC\_3A\_n40A  DC\_3A\_n258A  DC\_3A\_n40A-n258A |
| DC\_3A\_n41A-n258A | DC\_3A\_n41A  DC\_3A\_n258A |
| DC\_3A\_n77A-n257A2  DC\_3A\_n77A-n257D2  DC\_3A\_n77A-n257E2  DC\_3A\_n77A-n257F2  DC\_3A\_n77A-n257G2  DC\_3A\_n77A-n257H2  DC\_3A\_n77A-n257I2  DC\_3A\_n77C-n257A2  DC\_3A\_n77C-n257D2  DC\_3A\_n77C-n257E2  DC\_3A\_n77C-n257F2 | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H  DC\_3A\_n77A-n257I |
| DC\_3A\_n77(2A)-n257A2  DC\_3A\_n77(2A)-n257D2  DC\_3A\_n77(2A)-n257G2  DC\_3A\_n77(2A)-n257H2  DC\_3A\_n77(2A)-n257I2 | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_3A\_n77A-n258A | DC\_3A\_n77A  DC\_3A\_n258A  DC\_3A\_n77A-n258A |
| DC\_3A\_n78A-n257A2  DC\_3A\_n78A-n257D2  DC\_3A\_n78A-n257E2  DC\_3A\_n78A-n257F2  DC\_3A\_n78A-n257G2  DC\_3A\_n78A-n257H2  DC\_3A\_n78A-n257I2  DC\_3A\_n78A-n257J2  DC\_3A\_n78A-n257K2  DC\_3A\_n78A-n257L2  DC\_3A\_n78A-n257M2  DC\_3A\_n78C-n257A2  DC\_3A\_n78C-n257D2  DC\_3A\_n78C-n257E2  DC\_3A\_n78C-n257F2  DC\_3A\_n78C-n257G  DC\_3A\_n78C-n257H  DC\_3A\_n78C-n257I  DC\_3A\_n78C-n257J  DC\_3A\_n78C-n257K  DC\_3A\_n78C-n257L  DC\_3A\_n78C-n257M | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I |
| DC\_3C\_n78A-n257A2  DC\_3C\_n78A-n257D2  DC\_3C\_n78A-n257E2  DC\_3C\_n78A-n257F2  DC\_3C\_n78A-n257G2  DC\_3C\_n78A-n257H2  DC\_3C\_n78A-n257I2  DC\_3C\_n78A-n257J2  DC\_3C\_n78A-n257K2  DC\_3C\_n78A-n257L2  DC\_3C\_n78A-n257M2 | DC\_3A\_n78A  DC\_3A\_n257A |
| DC\_3A\_n78A-n258A  DC\_3A\_n78A-n258D  DC\_3A\_n78A-n258E  DC\_3A\_n78A-n258F  DC\_3A\_n78A-n258G  DC\_3A\_n78A-n258H  DC\_3A\_n78A-n258I  DC\_3A\_n78A-n258J  DC\_3A\_n78A-n258K  DC\_3A\_n78A-n258L  DC\_3A\_n78A-n258M | DC\_3A\_n78A  DC\_3A\_n258A  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_3A\_n258J  DC\_3A\_n258K |
| DC\_3A-3A\_n78A-n257A2  DC\_3A-3A\_n78A-n257D2  DC\_3A-3A\_n78A-n257E2  DC\_3A-3A\_n78A-n257F2  DC\_3A-3A\_n78A-n257G2  DC\_3A-3A\_n78A-n257H2  DC\_3A-3A\_n78A-n257I2  DC\_3A-3A\_n78A-n257J2  DC\_3A-3A\_n78A-n257K2  DC\_3A-3A\_n78A-n257L2  DC\_3A-3A\_n78A-n257M2 | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n257J  DC\_3A\_n257K |
| DC\_3A\_n79A-n257A2  DC\_3A\_n79A-n257D2  DC\_3A\_n79A-n257E2  DC\_3A\_n79A-n257F2  DC\_3A\_n79A-n257G2  DC\_3A\_n79A-n257H2  DC\_3A\_n79A-n257I2  DC\_3A\_n79C-n257A2  DC\_3A\_n79C-n257D2  DC\_3A\_n79C-n257E2  DC\_3A\_n79C-n257F2 | DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_3A\_n79A-n257A  DC\_3A\_n79A-n257G  DC\_3A\_n79A-n257H  DC\_3A\_n79A-n257I |
| DC\_3A\_n79A-n258A  DC\_3A\_n79A-n258D  DC\_3A\_n79A-n258E  DC\_3A\_n79A-n258F  DC\_3A\_n79A-n258G  DC\_3A\_n79A-n258H  DC\_3A\_n79A-n258I  DC\_3A\_n79A-n258J  DC\_3A\_n79A-n258K  DC\_3A\_n79A-n258L | DC\_3A\_n79A  DC\_3A\_n258A  DC\_3A\_n79A-n258A |
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| DC\_41A\_n78A-n257A  DC\_41A\_n78A-n257G  DC\_41A\_n78A-n257H  DC\_41A\_n78A-n257I  DC\_41C\_n78A-n257A  DC\_41C\_n78A-n257G  DC\_41C\_n78A-n257H  DC\_41C\_n78A-n257I | DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_41A\_n79A-n258A  DC\_41A\_n79C-n258A | DC\_41A\_n79A  DC\_41A\_n258A  DC\_41A\_n79A-n258A |
| DC\_42A\_n77A-n257A  DC\_42A\_n77A-n257D  DC\_42A\_n77A-n257E  DC\_42A\_n77A-n257F  DC\_42A\_n77A-n257G  DC\_42A\_n77A-n257H  DC\_42A\_n77A-n257I  DC\_42A\_n77A-n257J  DC\_42A\_n77A-n257K  DC\_42A\_n77A-n257L  DC\_42A\_n77A-n257M  DC\_42A\_n77C-n257A  DC\_42A\_n77C-n257D  DC\_42A\_n77C-n257E  DC\_42A\_n77C-n257F  DC\_42A\_n77C-n257G  DC\_42A\_n77C-n257H  DC\_42A\_n77C-n257I  DC\_42A\_n77C-n257J  DC\_42A\_n77C-n257K  DC\_42A\_n77C-n257L  DC\_42A\_n77C-n257M  DC\_42C\_n77A-n257A  DC\_42C\_n77A-n257G  DC\_42C\_n77A-n257H  DC\_42C\_n77A-n257I | DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M |
| DC\_42A\_n78A-n257A  DC\_42A\_n78A-n257D  DC\_42A\_n78A-n257E  DC\_42A\_n78A-n257F  DC\_42A\_n78A-n257G  DC\_42A\_n78A-n257H  DC\_42A\_n78A-n257I  DC\_42A\_n78A-n257J  DC\_42A\_n78A-n257K  DC\_42A\_n78A-n257L  DC\_42A\_n78A-n257M  DC\_42C\_n78A-n257A  DC\_42C\_n78A-n257G  DC\_42C\_n78A-n257H  DC\_42C\_n78A-n257I | DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257L  DC\_42A\_n257M  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_42A\_n79A-n257A  DC\_42A\_n79A-n257G  DC\_42A\_n79A-n257H  DC\_42A\_n79A-n257I  DC\_42C\_n79A-n257A  DC\_42C\_n79A-n257G  DC\_42C\_n79A-n257H  DC\_42C\_n79A-n257I | DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_66A\_n5A-n260A  DC\_66A\_n5A-n260G  DC\_66A\_n5A-n260H  DC\_66A\_n5A-n260I  DC\_66A\_n5A-n260J  DC\_66A\_n5A-n260K  DC\_66A\_n5A-n260L  DC\_66A\_n5A-n260M | DC\_66A\_n5A  DC\_66A\_n260A  DC\_66A\_n5A-n260A |
| DC\_66A\_n5A-n260(2A)  DC\_66A\_n5A-n260(3A)  DC\_66A\_n5A-n260(4A)  DC\_66A\_n5A-n260(5A)  DC\_66A\_n5A-n260(6A)  DC\_66A\_n5A-n260(2H)  DC\_66A\_n5A-n260(2G)  DC\_66A\_n5A-n260(A-2G)  DC\_66A\_n5A-n260(A-H)  DC\_66A\_n5A-n260(A-G)  DC\_66A\_n5A-n260(G-H)  DC\_66A\_n5A-n260(2A-G)  DC\_66A\_n5A-n260(2A-2G)  DC\_66A\_n5A-n260(3A-G) | DC\_66A\_n5A-n260A |
| DC\_66A\_n5A-n261A  DC\_66A\_n5A-n261G  DC\_66A\_n5A-n261H  DC\_66A\_n5A-n261I  DC\_66A\_n5A-n261J  DC\_66A\_n5A-n261K  DC\_66A\_n5A-n261L  DC\_66A\_n5A-n261M | DC\_66A\_n5A-n261A |
| DC\_66A\_n5A-n261(2A)  DC\_66A\_n5A-n261(3A)  DC\_66A\_n5A-n261(4A)  DC\_66A\_n5A-n261(2G)  DC\_66A\_n5A-n261(2H)  DC\_66A\_n5A-n261(A-G)  DC\_66A\_n5A-n261(A-H)  DC\_66A\_n5A-n261(A-I)  DC\_66A\_n5A-n261(A-J)  DC\_66A\_n5A-n261(A-K)  DC\_66A\_n5A-n261(G-H)  DC\_66A\_n5A-n261(G-I)  DC\_66A\_n5A-n261(G-J)  DC\_66A\_n5A-n261(H-I)  DC\_66A\_n5A-n261(A-2G)  DC\_66A\_n5A-n261(A-G-H)  DC\_66A\_n5A-n261(A-G-I)  DC\_66A\_n5A-n261(2A-G)  DC\_66A\_n5A-n261(2A-H)  DC\_66A\_n5A-n261(2A-I)  DC\_66A\_n5A-n261(3A-G) | DC\_66A\_n5A-n261A |
| DC\_66A\_n12A-n258A | DC\_66A\_n12A  DC\_66A\_n258A |
| DC\_66A\_n12A-n260A | DC\_66A\_n12A  DC\_66A\_n260A |
| DC\_66A\_n12A-n261A | DC\_66A\_n12A  DC\_66A\_n261A |
| DC\_66A\_n41A-n260A | DC\_66A\_n41A |
| DC\_66A\_n41A-n260(2A)  DC\_66A\_n41A-n260(3A)  DC\_66A\_n41A-n260(4A) | DC\_66A\_n41A |
| DC\_66A\_n41A-n261A | DC\_66A\_n41A |
| DC\_66A\_n41A-n261(2A) | DC\_66A\_n41A |
| DC\_66A\_n71A-n260A | DC\_66A\_n71A  DC\_66A\_n260A |
| DC\_66A\_n71A-n260(2A) | DC\_66A\_n71A  DC\_66A\_n260A |
| DC\_66A\_n71A-n261A | DC\_66A\_n71A  DC\_66A\_n261A |
| DC\_66A\_n71A-n261(2A) | DC\_66A\_n71A  DC\_66A\_n261A |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability. | |

#### 5.5B.6.3 Inter-band EN-DC configurations including FR1 and FR2 (four bands)

Table 5.5B.6.3-1: Inter-band EN-DC configurations including FR1 and FR2 (four bands)

| **EN-DC configuration** | **Uplink EN-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_1A-3A\_n28A-n257A2  DC\_1A-3A\_n28A-n257G2  DC\_1A-3A\_n28A-n257H2  DC\_1A-3A\_n28A-n257I2 | DC\_1A\_n28A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n28A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I |
| DC\_1A-3A\_n77A-n257A2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_3A\_n257A |
| DC\_1A-3A\_n77A-n257D2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_3A\_n257A  DC\_3A\_n257D |
| DC\_1A-3A\_n77A-n257G2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_3A\_n257A  DC\_3A\_n257G  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G |
| DC\_1A-3A\_n77A-n257H2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_1A\_n77A-n257H  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H |
| DC\_1A-3A\_n77A-n257I2 | DC\_1A\_n77A  DC\_3A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_1A\_n77A-n257H  DC\_1A\_n77A-n257I  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H  DC\_3A\_n77A-n257I |
| DC\_1A-3A\_n78A-n257A2  DC\_1A-3A\_n78A-n257D2  DC\_1A-3A\_n78A-n257E2  DC\_1A-3A\_n78A-n257F2  DC\_1A-3A\_n78A-n257G2  DC\_1A-3A\_n78A-n257H2  DC\_1A-3A\_n78A-n257I2  DC\_1A-3A\_n78A-n257J2  DC\_1A-3A\_n78A-n257K2  DC\_1A-3A\_n78A-n257L2  DC\_1A-3A\_n78A-n257M2  DC\_1A-3C\_n78A-n257A  DC\_1A-3C\_n78A-n257D  DC\_1A-3C\_n78A-n257E  DC\_1A-3C\_n78A-n257F  DC\_1A-3C\_n78A-n257G  DC\_1A-3C\_n78A-n257H  DC\_1A-3C\_n78A-n257I  DC\_1A-3C\_n78A-n257J  DC\_1A-3C\_n78A-n257K  DC\_1A-3C\_n78A-n257L  DC\_1A-3C\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257D  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I |
| DC\_1A-3A\_n78C-n257A  DC\_1A-3A\_n78C-n257D  DC\_1A-3A\_n78C-n257E  DC\_1A-3A\_n78C-n257F  DC\_1A-3A\_n78C-n257G  DC\_1A-3A\_n78C-n257H  DC\_1A-3A\_n78C-n257I  DC\_1A-3A\_n78C-n257J  DC\_1A-3A\_n78C-n257K  DC\_1A-3A\_n78C-n257L  DC\_1A-3A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I |
| DC\_1A-3A\_n78A-n258A  DC\_1A-3A\_n78A-n258D  DC\_1A-3A\_n78A-n258E  DC\_1A-3A\_n78A-n258F  DC\_1A-3A\_n78A-n258G  DC\_1A-3A\_n78A-n258H  DC\_1A-3A\_n78A-n258I  DC\_1A-3A\_n78A-n258J  DC\_1A-3A\_n78A-n258K  DC\_1A-3A\_n78A-n258L  DC\_1A-3A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3A\_n78A  DC\_3A\_n258A  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I |
| DC\_1A-3A\_n79A-n257A2  DC\_1A-3A\_n79A-n257G2  DC\_1A-3A\_n79A-n257H2  DC\_1A-3A\_n79A-n257I2 | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_1A\_n79A-n257A  DC\_1A\_n79A-n257G  DC\_1A\_n79A-n257H  DC\_1A\_n79A-n257I  DC\_3A\_n79A-n257A  DC\_3A\_n79A-n257G  DC\_3A\_n79A-n257H  DC\_3A\_n79A-n257I |
| DC\_1A-5A\_n78A-n257A  DC\_1A-5A\_n78A-n257D  DC\_1A-5A\_n78A-n257E  DC\_1A-5A\_n78A-n257F  DC\_1A-5A\_n78A-n257G  DC\_1A-5A\_n78A-n257H  DC\_1A-5A\_n78A-n257I  DC\_1A-5A\_n78A-n257J  DC\_1A-5A\_n78A-n257K  DC\_1A-5A\_n78A-n257L  DC\_1A-5A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I |
| DC\_1A-5A\_n78C-n257A  DC\_1A-5A\_n78C-n257D  DC\_1A-5A\_n78C-n257E  DC\_1A-5A\_n78C-n257F  DC\_1A-5A\_n78C-n257G  DC\_1A-5A\_n78C-n257H  DC\_1A-5A\_n78C-n257I  DC\_1A-5A\_n78C-n257J  DC\_1A-5A\_n78C-n257K  DC\_1A-5A\_n78C-n257L  DC\_1A-5A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I |
| DC\_1A-7A\_n78A-n257A  DC\_1A-7A\_n78A-n257D  DC\_1A-7A\_n78A-n257E  DC\_1A-7A\_n78A-n257F  DC\_1A-7A\_n78A-n257G  DC\_1A-7A\_n78A-n257H  DC\_1A-7A\_n78A-n257I  DC\_1A-7A\_n78A-n257J  DC\_1A-7A\_n78A-n257K  DC\_1A-7A\_n78A-n257L  DC\_1A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-7A\_n78C-n257A  DC\_1A-7A\_n78C-n257D  DC\_1A-7A\_n78C-n257E  DC\_1A-7A\_n78C-n257F  DC\_1A-7A\_n78C-n257G  DC\_1A-7A\_n78C-n257H  DC\_1A-7A\_n78C-n257I  DC\_1A-7A\_n78C-n257J  DC\_1A-7A\_n78C-n257K  DC\_1A-7A\_n78C-n257L  DC\_1A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-7A-7A\_n78A-n257A  DC\_1A-7A-7A\_n78A-n257D  DC\_1A-7A-7A\_n78A-n257E  DC\_1A-7A-7A\_n78A-n257F  DC\_1A-7A-7A\_n78A-n257G  DC\_1A-7A-7A\_n78A-n257H  DC\_1A-7A-7A\_n78A-n257I  DC\_1A-7A-7A\_n78A-n257J  DC\_1A-7A-7A\_n78A-n257K  DC\_1A-7A-7A\_n78A-n257L  DC\_1A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-7A-7A\_n78C-n257A  DC\_1A-7A-7A\_n78C-n257D  DC\_1A-7A-7A\_n78C-n257E  DC\_1A-7A-7A\_n78C-n257F  DC\_1A-7A-7A\_n78C-n257G  DC\_1A-7A-7A\_n78C-n257H  DC\_1A-7A-7A\_n78C-n257I  DC\_1A-7A-7A\_n78C-n257J  DC\_1A-7A-7A\_n78C-n257K  DC\_1A-7A-7A\_n78C-n257L  DC\_1A-7A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-7A\_n78A-n258A  DC\_1A-7A\_n78A-n258D  DC\_1A-7A\_n78A-n258E  DC\_1A-7A\_n78A-n258F  DC\_1A-7A\_n78A-n258G  DC\_1A-7A\_n78A-n258H  DC\_1A-7A\_n78A-n258I  DC\_1A-7A\_n78A-n258J  DC\_1A-7A\_n78A-n258K  DC\_1A-7A\_n78A-n258L  DC\_1A-7A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_7A\_n78A  DC\_7A\_n258A  DC\_7A\_n258D  DC\_7A\_n258E  DC\_7A\_n258F  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I |
| DC\_1A-8A\_n40A-n258A  DC\_1A-8A\_n40A-n258D  DC\_1A-8A\_n40A-n258E  DC\_1A-8A\_n40A-n258F  DC\_1A-8A\_n40A-n258G  DC\_1A-8A\_n40A-n258H  DC\_1A-8A\_n40A-n258I  DC\_1A-8A\_n40A-n258J  DC\_1A-8A\_n40A-n258K  DC\_1A-8A\_n40A-n258L  DC\_1A-8A\_n40A-n258M | DC\_1A\_n40A  DC\_1A\_n258A  DC\_8A\_n40A  DC\_8A\_n258A |
| DC\_1A-8A\_n77A-n257A2  DC\_1A-8A\_n77A-n257D2  DC\_1A-8A\_n77A-n257G2  DC\_1A-8A\_n77A-n257H2  DC\_1A-8A\_n77A-n257I2 | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_8A\_n77A  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I |
| DC\_1A-8A\_n77(2A)-n257A2  DC\_1A-8A\_n77(2A)-n257D2  DC\_1A-8A\_n77(2A)-n257G2  DC\_1A-8A\_n77(2A)-n257H2  DC\_1A-8A\_n77(2A)-n257I2 | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257D  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_8A\_n77A  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I |
| DC\_1A-8A\_n78A-n257A2  DC\_1A-8A\_n78A-n257D2  DC\_1A-8A\_n78A-n257E2  DC\_1A-8A\_n78A-n257F2  DC\_1A-8A\_n78A-n257G2  DC\_1A-8A\_n78A-n257H2  DC\_1A-8A\_n78A-n257I2  DC\_1A-8A\_n78A-n257J2  DC\_1A-8A\_n78A-n257K2  DC\_1A-8A\_n78A-n257L2  DC\_1A-8A\_n78A-n257M2 | DC\_1A\_n78A  DC\_8A\_n78A  DC\_1A\_n257A  DC\_8A\_n257A |
| DC\_1A-8A\_n78A-n258A  DC\_1A-8A\_n78A-n258D  DC\_1A-8A\_n78A-n258E  DC\_1A-8A\_n78A-n258F  DC\_1A-8A\_n78A-n258G  DC\_1A-8A\_n78A-n258H  DC\_1A-8A\_n78A-n258I  DC\_1A-8A\_n78A-n258J  DC\_1A-8A\_n78A-n258K  DC\_1A-8A\_n78A-n258L  DC\_1A-8A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A  DC\_8A\_n78A  DC\_8A\_n258A |
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| DC\_5A-7A-7A\_n78A-n257A  DC\_5A-7A-7A\_n78A-n257D  DC\_5A-7A-7A\_n78A-n257E  DC\_5A-7A-7A\_n78A-n257F  DC\_5A-7A-7A\_n78A-n257G  DC\_5A-7A-7A\_n78A-n257H  DC\_5A-7A-7A\_n78A-n257I  DC\_5A-7A-7A\_n78A-n257J  DC\_5A-7A-7A\_n78A-n257K  DC\_5A-7A-7A\_n78A-n257L  DC\_5A-7A-7A\_n78A-n257M | DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_5A-7A-7A\_n78C-n257A  DC\_5A-7A-7A\_n78C-n257D  DC\_5A-7A-7A\_n78C-n257E  DC\_5A-7A-7A\_n78C-n257F  DC\_5A-7A-7A\_n78C-n257G  DC\_5A-7A-7A\_n78C-n257H  DC\_5A-7A-7A\_n78C-n257I  DC\_5A-7A-7A\_n78C-n257J  DC\_5A-7A-7A\_n78C-n257K  DC\_5A-7A-7A\_n78C-n257L  DC\_5A-7A-7A\_n78C-n257M | DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_7A\_n1A-n78A-n257A2  DC\_7A\_n1A-n78A-n257D2  DC\_7A\_n1A-n78A-n257E2  DC\_7A\_n1A-n78A-n257F2  DC\_7A\_n1A-n78A-n257G2  DC\_7A\_n1A-n78A-n257H2  DC\_7A\_n1A-n78A-n257I2  DC\_7A\_n1A-n78A-n257J2  DC\_7A\_n1A-n78A-n257K2  DC\_7A\_n1A-n78A-n257L2  DC\_7A\_n1A-n78A-n257M2 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_7A-7A\_n1A-n78A-n257A2  DC\_7A-7A\_n1A-n78A-n257D2  DC\_7A-7A\_n1A-n78A-n257E2  DC\_7A-7A\_n1A-n78A-n257F2  DC\_7A-7A\_n1A-n78A-n257G2  DC\_7A-7A\_n1A-n78A-n257H2  DC\_7A-7A\_n1A-n78A-n257I2  DC\_7A-7A\_n1A-n78A-n257J2  DC\_7A-7A\_n1A-n78A-n257K2  DC\_7A-7A\_n1A-n78A-n257L2  DC\_7A-7A\_n1A-n78A-n257M2 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_7A-8A\_n1A-n257A2 | DC\_7A\_n1A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n257A |
| DC\_7A-7A-8A\_n1A-n257A2 | DC\_7A\_n1A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n257A |
| DC\_7A-8A\_n40A-n258A  DC\_7A-8A\_n40A-n258D  DC\_7A-8A\_n40A-n258E  DC\_7A-8A\_n40A-n258F  DC\_7A-8A\_n40A-n258G  DC\_7A-8A\_n40A-n258H  DC\_7A-8A\_n40A-n258I  DC\_7A-8A\_n40A-n258J  DC\_7A-8A\_n40A-n258K  DC\_7A-8A\_n40A-n258L  DC\_7A-8A\_n40A-n258M | DC\_7A\_n40A  DC\_7A\_n258A  DC\_8A\_n40A  DC\_8A\_n258A |
| DC\_7A-8A\_n78A-n257A2  DC\_7A-8A\_n78A-n257D2  DC\_7A-8A\_n78A-n257E2  DC\_7A-8A\_n78A-n257F2  DC\_7A-8A\_n78A-n257G2  DC\_7A-8A\_n78A-n257H2  DC\_7A-8A\_n78A-n257I2  DC\_7A-8A\_n78A-n257J2  DC\_7A-8A\_n78A-n257K2  DC\_7A-8A\_n78A-n257L2  DC\_7A-8A\_n78A-n257M2 | DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_7A-7A-8A\_n78A-n257A2  DC\_7A-7A-8A\_n78A-n257D2  DC\_7A-7A-8A\_n78A-n257E2  DC\_7A-7A-8A\_n78A-n257F2  DC\_7A-7A-8A\_n78A-n257G2  DC\_7A-7A-8A\_n78A-n257H2  DC\_7A-7A-8A\_n78A-n257I2  DC\_7A-7A-8A\_n78A-n257J2  DC\_7A-7A-8A\_n78A-n257K2  DC\_7A-7A-8A\_n78A-n257L2  DC\_7A-7A-8A\_n78A-n257M2 | DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_7A-8A\_n78A-n258A  DC\_7A-8A\_n78A-n258D  DC\_7A-8A\_n78A-n258E  DC\_7A-8A\_n78A-n258F  DC\_7A-8A\_n78A-n258G  DC\_7A-8A\_n78A-n258H  DC\_7A-8A\_n78A-n258I  DC\_7A-8A\_n78A-n258J  DC\_7A-8A\_n78A-n258K  DC\_7A-8A\_n78A-n258L  DC\_7A-8A\_n78A-n258M | DC\_7A\_n78A  DC\_7A\_n258A  DC\_8A\_n78A  DC\_8A\_n258A |
| DC\_7A-28A\_n78A-n257A  DC\_7A-28A\_n78A-n257G  DC\_7A-28A\_n78A-n257H  DC\_7A-28A\_n78A-n257I | DC\_7A\_n78A  DC\_28A\_n78A  DC\_7A\_n257A  DC\_28A\_n257A |
| DC\_8A\_n1A-n78A-n257A2 | DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_8A-11A\_n77A-n257A2  DC\_8A-11A\_n77A-n257D2  DC\_8A-11A\_n77A-n257G2  DC\_8A-11A\_n77A-n257H2  DC\_8A-11A\_n77A-n257I2 | DC\_8A\_n77A  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n77A  DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_8A-11A\_n77(2A)-n257A2  DC\_8A-11A\_n77(2A)-n257D2  DC\_8A-11A\_n77(2A)-n257G2  DC\_8A-11A\_n77(2A)-n257H2  DC\_8A-11A\_n77(2A)-n257I2 | DC\_8A\_n77A  DC\_8A\_n257A  DC\_8A\_n257D  DC\_8A\_n257G  DC\_8A\_n257H  DC\_8A\_n257I  DC\_11A\_n77A  DC\_11A\_n257A  DC\_11A\_n257D  DC\_11A\_n257G  DC\_11A\_n257H  DC\_11A\_n257I |
| DC\_18A-41A\_n3A-n257A  DC\_18A-41A\_n3A-n257G  DC\_18A-41A\_n3A-n257H  DC\_18A-41A\_n3A-n257I  DC\_18A-41C\_n3A-n257A  DC\_18A-41C\_n3A-n257G  DC\_18A-41C\_n3A-n257H  DC\_18A-41C\_n3A-n257I | DC\_18A\_n3A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_41A\_n3A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n3A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_18A-42A\_n78A-n257A  DC\_18A-42A\_n78A-n257G  DC\_18A-42A\_n78A-n257H  DC\_18A-42A\_n78A-n257I  DC\_18A-42C\_n78A-n257A  DC\_18A-42C\_n78A-n257G  DC\_18A-42C\_n78A-n257H  DC\_18A-42C\_n78A-n257I | DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_19A-21A\_n77A-n257A2  DC\_19A-21A\_n77A-n257G2  DC\_19A-21A\_n77A-n257H2  DC\_19A-21A\_n77A-n257I2 | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_19A-21A\_n78A-n257A2  DC\_19A-21A\_n78A-n257G2  DC\_19A-21A\_n78A-n257H2  DC\_19A-21A\_n78A-n257I2 | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_19A-21A\_n79A-n257A2  DC\_19A-21A\_n79A-n257G2  DC\_19A-21A\_n79A-n257H2  DC\_19A-21A\_n79A-n257I2 | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I |
| DC\_19A-42A\_n77A-n257A  DC\_19A-42A\_n77A-n257G  DC\_19A-42A\_n77A-n257H  DC\_19A-42A\_n77A-n257I  DC\_19A-42C\_n77A-n257A  DC\_19A-42C\_n77A-n257G  DC\_19A-42C\_n77A-n257H  DC\_19A-42C\_n77A-n257I | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-42A\_n78A-n257A  DC\_19A-42A\_n78A-n257G  DC\_19A-42A\_n78A-n257H  DC\_19A-42A\_n78A-n257I  DC\_19A-42C\_n78A-n257A  DC\_19A-42C\_n78A-n257G  DC\_19A-42C\_n78A-n257H  DC\_19A-42C\_n78A-n257I | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-42A\_n79A-n257A  DC\_19A-42A\_n79A-n257G  DC\_19A-42A\_n79A-n257H  DC\_19A-42A\_n79A-n257I  DC\_19A-42C\_n79A-n257A  DC\_19A-42C\_n79A-n257G  DC\_19A-42C\_n79A-n257H  DC\_19A-42C\_n79A-n257I | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_21A-42A\_n77A-n257A  DC\_21A-42A\_n77A-n257G  DC\_21A-42A\_n77A-n257H  DC\_21A-42A\_n77A-n257I  DC\_21A-42C\_n77A-n257A  DC\_21A-42C\_n77A-n257G  DC\_21A-42C\_n77A-n257H  DC\_21A-42C\_n77A-n257I | DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_21A\_n77A-n257A  DC\_21A\_n77A-n257G  DC\_21A\_n77A-n257H  DC\_21A\_n77A-n257I |
| DC\_21A-42A\_n78A-n257A  DC\_21A-42A\_n78A-n257G  DC\_21A-42A\_n78A-n257H  DC\_21A-42A\_n78A-n257I  DC\_21A-42C\_n78A-n257A  DC\_21A-42C\_n78A-n257G  DC\_21A-42C\_n78A-n257H  DC\_21A-42C\_n78A-n257I | DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_21A\_n78A-n257A  DC\_21A\_n78A-n257G  DC\_21A\_n78A-n257H  DC\_21A\_n78A-n257I |
| DC\_21A-42A\_n79A-n257A  DC\_21A-42A\_n79A-n257G  DC\_21A-42A\_n79A-n257H  DC\_21A-42A\_n79A-n257I  DC\_21A-42C\_n79A-n257A  DC\_21A-42C\_n79A-n257G  DC\_21A-42C\_n79A-n257H  DC\_21A-42C\_n79A-n257I | DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_21A\_n79A-n257A  DC\_21A\_n79A-n257G  DC\_21A\_n79A-n257H  DC\_21A\_n79A-n257I |
| DC\_28A-41A\_n78A-n257A  DC\_28A-41A\_n78A-n257G  DC\_28A-41A\_n78A-n257H  DC\_28A-41A\_n78A-n257I  DC\_28A-41C\_n78A-n257A  DC\_28A-41C\_n78A-n257G  DC\_28A-41C\_n78A-n257H  DC\_28A-41C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_28A-42A\_n78A-n257A  DC\_28A-42A\_n78A-n257G  DC\_28A-42A\_n78A-n257H  DC\_28A-42A\_n78A-n257I  DC\_28A-42C\_n78A-n257A  DC\_28A-42C\_n78A-n257G  DC\_28A-42C\_n78A-n257H  DC\_28A-42C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_40A-42A\_n77A-n257A  DC\_40A-42A\_n77A-n257D  DC\_40A-42A\_n77A-n257E  DC\_40A-42A\_n77A-n257F  DC\_40A-42A\_n77A-n257G  DC\_40A-42A\_n77A-n257H  DC\_40A-42A\_n77A-n257I  DC\_40A-42A\_n77A-n257J  DC\_40A-42A\_n77A-n257K  DC\_40A-42A\_n77A-n257L  DC\_40A-42A\_n77A-n257M  DC\_40A-42A\_n77C-n257A  DC\_40A-42A\_n77C-n257D  DC\_40A-42A\_n77C-n257E  DC\_40A-42A\_n77C-n257F  DC\_40A-42A\_n77C-n257G  DC\_40A-42A\_n77C-n257H  DC\_40A-42A\_n77C-n257I  DC\_40A-42A\_n77C-n257J  DC\_40A-42A\_n77C-n257K  DC\_40A-42A\_n77C-n257L  DC\_40A-42A\_n77C-n257M | DC\_40A\_n257A  DC\_40A\_n257D  DC\_40A\_n257E  DC\_40A\_n257F  DC\_40A\_n257G  DC\_40A\_n257H  DC\_40A\_n257I  DC\_40A\_n257J  DC\_40A\_n257K  DC\_40A\_n257L  DC\_40A\_n257M  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M  DC\_40A\_n77A |
| DC\_40A-42A\_n78A-n257A  DC\_40A-42A\_n78A-n257D  DC\_40A-42A\_n78A-n257E  DC\_40A-42A\_n78A-n257F  DC\_40A-42A\_n78A-n257G  DC\_40A-42A\_n78A-n257H  DC\_40A-42A\_n78A-n257I  DC\_40A-42A\_n78A-n257J  DC\_40A-42A\_n78A-n257K  DC\_40A-42A\_n78A-n257L  DC\_40A-42A\_n78A-n257M | DC\_40A\_n257A  DC\_40A\_n257D  DC\_40A\_n257E  DC\_40A\_n257F  DC\_40A\_n257G  DC\_40A\_n257H  DC\_40A\_n257I  DC\_40A\_n257J  DC\_40A\_n257K  DC\_40A\_n257L  DC\_40A\_n257M  DC\_42A\_n257A  DC\_42A\_n257D  DC\_42A\_n257E  DC\_42A\_n257F  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42A\_n257J  DC\_42A\_n257K  DC\_42A\_n257L  DC\_42A\_n257M  DC\_40A\_n78A |
| DC\_41A-42A\_n77A-n257A  DC\_41A-42A\_n77A-n257G  DC\_41A-42A\_n77A-n257H  DC\_41A-42A\_n77A-n257I  DC\_41A-42C\_n77A-n257A  DC\_41A-42C\_n77A-n257G  DC\_41A-42C\_n77A-n257H  DC\_41A-42C\_n77A-n257I  DC\_41C-42A\_n77A-n257A  DC\_41C-42A\_n77A-n257G  DC\_41C-42A\_n77A-n257H  DC\_41C-42A\_n77A-n257I  DC\_41C-42C\_n77A-n257A  DC\_41C-42C\_n77A-n257G  DC\_41C-42C\_n77A-n257H  DC\_41C-42C\_n77A-n257I | DC\_41A\_n77A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n77A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_41A-42A\_n78A-n257A  DC\_41A-42A\_n78A-n257G  DC\_41A-42A\_n78A-n257H  DC\_41A-42A\_n78A-n257I  DC\_41A-42C\_n78A-n257A  DC\_41A-42C\_n78A-n257G  DC\_41A-42C\_n78A-n257H  DC\_41A-42C\_n78A-n257I  DC\_41C-42A\_n78A-n257A  DC\_41C-42A\_n78A-n257G  DC\_41C-42A\_n78A-n257H  DC\_41C-42A\_n78A-n257I  DC\_41C-42C\_n78A-n257A  DC\_41C-42C\_n78A-n257G  DC\_41C-42C\_n78A-n257H  DC\_41C-42C\_n78A-n257I | DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability. | |

#### 5.5B.6.4 Inter-band EN-DC configurations including FR1 and FR2 (five bands)

Table 5.5B.6.4-1: Inter-band EN-DC configurations including FR1 and FR2 (five bands)

| **EN-DC configuration** | **Uplink EN-DC configuration (NOTE 1)** |
| --- | --- |
| DC\_1A-3A-5A\_n78A-n257A  DC\_1A-3A-5A\_n78A-n257D  DC\_1A-3A-5A\_n78A-n257E  DC\_1A-3A-5A\_n78A-n257F  DC\_1A-3A-5A\_n78A-n257G  DC\_1A-3A-5A\_n78A-n257H  DC\_1A-3A-5A\_n78A-n257I  DC\_1A-3A-5A\_n78A-n257J  DC\_1A-3A-5A\_n78A-n257K  DC\_1A-3A-5A\_n78A-n257L  DC\_1A-3A-5A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I |
| DC\_1A-3A-5A\_n78C-n257A  DC\_1A-3A-5A\_n78C-n257D  DC\_1A-3A-5A\_n78C-n257E  DC\_1A-3A-5A\_n78C-n257F  DC\_1A-3A-5A\_n78C-n257G  DC\_1A-3A-5A\_n78C-n257H  DC\_1A-3A-5A\_n78C-n257I  DC\_1A-3A-5A\_n78C-n257J  DC\_1A-3A-5A\_n78C-n257K  DC\_1A-3A-5A\_n78C-n257L  DC\_1A-3A-5A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I |
| DC\_1A-3A-7A\_n78A-n257A  DC\_1A-3A-7A\_n78A-n257D  DC\_1A-3A-7A\_n78A-n257E  DC\_1A-3A-7A\_n78A-n257F  DC\_1A-3A-7A\_n78A-n257G  DC\_1A-3A-7A\_n78A-n257H  DC\_1A-3A-7A\_n78A-n257I  DC\_1A-3A-7A\_n78A-n257J  DC\_1A-3A-7A\_n78A-n257K  DC\_1A-3A-7A\_n78A-n257L  DC\_1A-3A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A\_n78C-n257A  DC\_1A-3A-7A\_n78C-n257D  DC\_1A-3A-7A\_n78C-n257E  DC\_1A-3A-7A\_n78C-n257F  DC\_1A-3A-7A\_n78C-n257G  DC\_1A-3A-7A\_n78C-n257H  DC\_1A-3A-7A\_n78C-n257I  DC\_1A-3A-7A\_n78C-n257J  DC\_1A-3A-7A\_n78C-n257K  DC\_1A-3A-7A\_n78C-n257L  DC\_1A-3A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A-7A\_n78A-n257A  DC\_1A-3A-7A-7A\_n78A-n257D  DC\_1A-3A-7A-7A\_n78A-n257E  DC\_1A-3A-7A-7A\_n78A-n257F  DC\_1A-3A-7A-7A\_n78A-n257G  DC\_1A-3A-7A-7A\_n78A-n257H  DC\_1A-3A-7A-7A\_n78A-n257I  DC\_1A-3A-7A-7A\_n78A-n257J  DC\_1A-3A-7A-7A\_n78A-n257K  DC\_1A-3A-7A-7A\_n78A-n257L  DC\_1A-3A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A-7A\_n78C-n257A  DC\_1A-3A-7A-7A\_n78C-n257D  DC\_1A-3A-7A-7A\_n78C-n257E  DC\_1A-3A-7A-7A\_n78C-n257F  DC\_1A-3A-7A-7A\_n78C-n257G  DC\_1A-3A-7A-7A\_n78C-n257H  DC\_1A-3A-7A-7A\_n78C-n257I  DC\_1A-3A-7A-7A\_n78C-n257J  DC\_1A-3A-7A-7A\_n78C-n257K  DC\_1A-3A-7A-7A\_n78C-n257L  DC\_1A-3A-7A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A\_n78A-n258A  DC\_1A-3A-7A\_n78A-n258D  DC\_1A-3A-7A\_n78A-n258E  DC\_1A-3A-7A\_n78A-n258F  DC\_1A-3A-7A\_n78A-n258G  DC\_1A-3A-7A\_n78A-n258H  DC\_1A-3A-7A\_n78A-n258I  DC\_1A-3A-7A\_n78A-n258J  DC\_1A-3A-7A\_n78A-n258K  DC\_1A-3A-7A\_n78A-n258L  DC\_1A-3A-7A\_n78A-n258M | DC\_1A\_n78A  DC\_1A\_n258A  DC\_1A\_n258D  DC\_1A\_n258E  DC\_1A\_n258F  DC\_1A\_n258G  DC\_1A\_n258H  DC\_1A\_n258I  DC\_3A\_n78A  DC\_3A\_n258A  DC\_3A\_n258D  DC\_3A\_n258E  DC\_3A\_n258F  DC\_3A\_n258G  DC\_3A\_n258H  DC\_3A\_n258I  DC\_7A\_n78A  DC\_7A\_n258A  DC\_7A\_n258D  DC\_7A\_n258E  DC\_7A\_n258F  DC\_7A\_n258G  DC\_7A\_n258H  DC\_7A\_n258I |
| DC\_1A-3A-8A\_n78A-n257A2  DC\_1A-3A-8A\_n78A-n257D2  DC\_1A-3A-8A\_n78A-n257E2  DC\_1A-3A-8A\_n78A-n257F2  DC\_1A-3A-8A\_n78A-n257G2  DC\_1A-3A-8A\_n78A-n257H2  DC\_1A-3A-8A\_n78A-n257I2  DC\_1A-3A-8A\_n78A-n257J2  DC\_1A-3A-8A\_n78A-n257K2  DC\_1A-3A-8A\_n78A-n257L2  DC\_1A-3A-8A\_n78A-n257M2  DC\_1A-3C-8A\_n78A-n257A  DC\_1A-3C-8A\_n78A-n257D  DC\_1A-3C-8A\_n78A-n257E  DC\_1A-3C-8A\_n78A-n257F  DC\_1A-3C-8A\_n78A-n257G  DC\_1A-3C-8A\_n78A-n257H  DC\_1A-3C-8A\_n78A-n257I  DC\_1A-3C-8A\_n78A-n257J  DC\_1A-3C-8A\_n78A-n257K  DC\_1A-3C-8A\_n78A-n257L  DC\_1A-3C-8A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_1A-3A-18A\_n78A-n257A  DC\_1A-3A-18A\_n78A-n257G  DC\_1A-3A-18A\_n78A-n257H  DC\_1A-3A-18A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I |
| DC\_1A-3A-21A\_n77A-n257A2  DC\_1A-3A-21A\_n77A-n257G2  DC\_1A-3A-21A\_n77A-n257H2  DC\_1A-3A-21A\_n77A-n257I2 | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_1A\_n77A-n257A  DC\_1A\_n77A-n257G  DC\_1A\_n77A-n257H  DC\_1A\_n77A-n257I  DC\_3A\_n77A-n257A  DC\_3A\_n77A-n257G  DC\_3A\_n77A-n257H  DC\_3A\_n77A-n257I  DC\_21A\_n77A-n257A  DC\_21A\_n77A-n257G  DC\_21A\_n77A-n257H  DC\_21A\_n77A-n257I |
| DC\_1A-3A-21A\_n78A-n257A2  DC\_1A-3A-21A\_n78A-n257G2  DC\_1A-3A-21A\_n78A-n257H2  DC\_1A-3A-21A\_n78A-n257I2 | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_21A\_n78A-n257A  DC\_21A\_n78A-n257G  DC\_21A\_n78A-n257H  DC\_21A\_n78A-n257I |
| DC\_1A-3A-21A\_n79A-n257A2  DC\_1A-3A-21A\_n79A-n257G2  DC\_1A-3A-21A\_n79A-n257H2  DC\_1A-3A-21A\_n79A-n257I2 | DC\_1A\_n79A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n79A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_1A\_n79A-n257A  DC\_1A\_n79A-n257G  DC\_1A\_n79A-n257H  DC\_1A\_n79A-n257I  DC\_3A\_n79A-n257A  DC\_3A\_n79A-n257G  DC\_3A\_n79A-n257H  DC\_3A\_n79A-n257I  DC\_21A\_n79A-n257A  DC\_21A\_n79A-n257G  DC\_21A\_n79A-n257H  DC\_21A\_n79A-n257I |
| DC\_1A-3A-28A\_n78A-n257A2  DC\_1A-3A-28A\_n78A-n257G2  DC\_1A-3A-28A\_n78A-n257H2  DC\_1A-3A-28A\_n78A-n257I2 | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-3A-41A\_n28A-n257A2  DC\_1A-3A-41A\_n28A-n257G  DC\_1A-3A-41A\_n28A-n257H  DC\_1A-3A-41A\_n28A-n257I | DC\_1A\_n28A  DC\_1A\_n257A  DC\_3A\_n28A  DC\_3A\_n257A  DC\_41A\_n28A  DC\_41A\_n257A  DC\_41A\_n257I |
| DC\_1A-3A-41C\_n28A-n257A2  DC\_1A-3A-41C\_n28A-n257G  DC\_1A-3A-41C\_n28A-n257H  DC\_1A-3A-41C\_n28A-n257I | DC\_1A\_n28A  DC\_1A\_n257A  DC\_3A\_n28A  DC\_3A\_n257A  DC\_41A\_n28A  DC\_41A\_n257A  DC\_41A\_n257I  DC\_41C\_n28A  DC\_41C\_n257A  DC\_41C\_n257I |
| DC\_1A-3A-41A\_n77A-n257A  DC\_1A-3A-41A\_n77A-n257G  DC\_1A-3A-41A\_n77A-n257H  DC\_1A-3A-41A\_n77A-n257I  DC\_1A-3A-41C\_n77A-n257A  DC\_1A-3A-41C\_n77A-n257G  DC\_1A-3A-41C\_n77A-n257H  DC\_1A-3A-41C\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n77A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n77A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_1A-3A-41A\_n78A-n257A  DC\_1A-3A-41A\_n78A-n257G  DC\_1A-3A-41A\_n78A-n257H  DC\_1A-3A-41A\_n78A-n257I  DC\_1A-3A-41C\_n78A-n257A  DC\_1A-3A-41C\_n78A-n257G  DC\_1A-3A-41C\_n78A-n257H  DC\_1A-3A-41C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_1A-3A-42A\_n77A-n257A  DC\_1A-3A-42A\_n77A-n257G  DC\_1A-3A-42A\_n77A-n257H  DC\_1A-3A-42A\_n77A-n257I  DC\_1A-3A-42C\_n77A-n257A  DC\_1A-3A-42C\_n77A-n257G  DC\_1A-3A-42C\_n77A-n257H  DC\_1A-3A-42C\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-42A\_n78A-n257A  DC\_1A-3A-42A\_n78A-n257G  DC\_1A-3A-42A\_n78A-n257H  DC\_1A-3A-42A\_n78A-n257I  DC\_1A-3A-42C\_n78A-n257A  DC\_1A-3A-42C\_n78A-n257G  DC\_1A-3A-42C\_n78A-n257H  DC\_1A-3A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-5A-7A\_n78A-n257A  DC\_1A-5A-7A\_n78A-n257D  DC\_1A-5A-7A\_n78A-n257E  DC\_1A-5A-7A\_n78A-n257F  DC\_1A-5A-7A\_n78A-n257G  DC\_1A-5A-7A\_n78A-n257H  DC\_1A-5A-7A\_n78A-n257I  DC\_1A-5A-7A\_n78A-n257J  DC\_1A-5A-7A\_n78A-n257K  DC\_1A-5A-7A\_n78A-n257L  DC\_1A-5A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
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| DC\_1A-5A-7A-7A\_n78A-n257A  DC\_1A-5A-7A-7A\_n78A-n257D  DC\_1A-5A-7A-7A\_n78A-n257E  DC\_1A-5A-7A-7A\_n78A-n257F  DC\_1A-5A-7A-7A\_n78A-n257G  DC\_1A-5A-7A-7A\_n78A-n257H  DC\_1A-5A-7A-7A\_n78A-n257I  DC\_1A-5A-7A-7A\_n78A-n257J  DC\_1A-5A-7A-7A\_n78A-n257K  DC\_1A-5A-7A-7A\_n78A-n257L  DC\_1A-5A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
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| DC\_3A-7A-7A\_n1A-n78A-n257A2  DC\_3A-7A-7A\_n1A-n78A-n257D2  DC\_3A-7A-7A\_n1A-n78A-n257E2  DC\_3A-7A-7A\_n1A-n78A-n257F2  DC\_3A-7A-7A\_n1A-n78A-n257G2  DC\_3A-7A-7A\_n1A-n78A-n257H2  DC\_3A-7A-7A\_n1A-n78A-n257I2  DC\_3A-7A-7A\_n1A-n78A-n257J2  DC\_3A-7A-7A\_n1A-n78A-n257K2  DC\_3A-7A-7A\_n1A-n78A-n257L2  DC\_3A-7A-7A\_n1A-n78A-n257M2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_3A-3A-7A-7A\_n1A-n78A-n257A2  DC\_3A-3A-7A-7A\_n1A-n78A-n257D2  DC\_3A-3A-7A-7A\_n1A-n78A-n257E2  DC\_3A-3A-7A-7A\_n1A-n78A-n257F2  DC\_3A-3A-7A-7A\_n1A-n78A-n257G2  DC\_3A-3A-7A-7A\_n1A-n78A-n257H2  DC\_3A-3A-7A-7A\_n1A-n78A-n257I2  DC\_3A-3A-7A-7A\_n1A-n78A-n257J2  DC\_3A-3A-7A-7A\_n1A-n78A-n257K2  DC\_3A-3A-7A-7A\_n1A-n78A-n257L2  DC\_3A-3A-7A-7A\_n1A-n78A-n257M2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A |
| DC\_3A-7A-8A\_n1A-n257A2 | DC\_3A\_n1A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n257A |
| DC\_3A-3A-7A-8A\_n1A-n257A2 | DC\_3A\_n1A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n257A |
| DC\_3A-7A-7A-8A\_n1A-n257A2 | DC\_3A\_n1A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n257A |
| DC\_3A-3A-7A-7A-8A\_n1A-n257A2 | DC\_3A\_n1A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n257A |
| DC\_3A-7A-8A\_n40A-n258A  DC\_3A-7A-8A\_n40A-n258D  DC\_3A-7A-8A\_n40A-n258E  DC\_3A-7A-8A\_n40A-n258F  DC\_3A-7A-8A\_n40A-n258G  DC\_3A-7A-8A\_n40A-n258H  DC\_3A-7A-8A\_n40A-n258I  DC\_3A-7A-8A\_n40A-n258J  DC\_3A-7A-8A\_n40A-n258K  DC\_3A-7A-8A\_n40A-n258L  DC\_3A-7A-8A\_n40A-n258M | DC\_3A\_n40A  DC\_3A\_n258A  DC\_7A\_n40A  DC\_7A\_n258A  DC\_8A\_n40A  DC\_8A\_n258A |
| DC\_3A-7A-8A\_n78A-n257A2  DC\_3A-7A-8A\_n78A-n257D2  DC\_3A-7A-8A\_n78A-n257E2  DC\_3A-7A-8A\_n78A-n257F2  DC\_3A-7A-8A\_n78A-n257G2  DC\_3A-7A-8A\_n78A-n257H2  DC\_3A-7A-8A\_n78A-n257I2  DC\_3A-7A-8A\_n78A-n257J2  DC\_3A-7A-8A\_n78A-n257K2  DC\_3A-7A-8A\_n78A-n257L2  DC\_3A-7A-8A\_n78A-n257M2 | DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-3A-7A-8A\_n78A-n257A2  DC\_3A-3A-7A-8A\_n78A-n257D2  DC\_3A-3A-7A-8A\_n78A-n257E2  DC\_3A-3A-7A-8A\_n78A-n257F2  DC\_3A-3A-7A-8A\_n78A-n257G2  DC\_3A-3A-7A-8A\_n78A-n257H2  DC\_3A-3A-7A-8A\_n78A-n257I2  DC\_3A-3A-7A-8A\_n78A-n257J2  DC\_3A-3A-7A-8A\_n78A-n257K2  DC\_3A-3A-7A-8A\_n78A-n257L2  DC\_3A-3A-7A-8A\_n78A-n257M2 | DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-7A-7A-8A\_n78A-n257A2  DC\_3A-7A-7A-8A\_n78A-n257D2  DC\_3A-7A-7A-8A\_n78A-n257E2  DC\_3A-7A-7A-8A\_n78A-n257F2  DC\_3A-7A-7A-8A\_n78A-n257G2  DC\_3A-7A-7A-8A\_n78A-n257H2  DC\_3A-7A-7A-8A\_n78A-n257I2  DC\_3A-7A-7A-8A\_n78A-n257J2  DC\_3A-7A-7A-8A\_n78A-n257K2  DC\_3A-7A-7A-8A\_n78A-n257L2  DC\_3A-7A-7A-8A\_n78A-n257M2 | DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-3A-7A-7A-8A\_n78A-n257A2  DC\_3A-3A-7A-7A-8A\_n78A-n257D2  DC\_3A-3A-7A-7A-8A\_n78A-n257E2  DC\_3A-3A-7A-7A-8A\_n78A-n257F2  DC\_3A-3A-7A-7A-8A\_n78A-n257G2  DC\_3A-3A-7A-7A-8A\_n78A-n257H2  DC\_3A-3A-7A-7A-8A\_n78A-n257I2  DC\_3A-3A-7A-7A-8A\_n78A-n257J2  DC\_3A-3A-7A-7A-8A\_n78A-n257K2  DC\_3A-3A-7A-7A-8A\_n78A-n257L2  DC\_3A-3A-7A-7A-8A\_n78A-n257M2 | DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-7A-8A\_n78A-n258A  DC\_3A-7A-8A\_n78A-n258D  DC\_3A-7A-8A\_n78A-n258E  DC\_3A-7A-8A\_n78A-n258F  DC\_3A-7A-8A\_n78A-n258G  DC\_3A-7A-8A\_n78A-n258H  DC\_3A-7A-8A\_n78A-n258I  DC\_3A-7A-8A\_n78A-n258J  DC\_3A-7A-8A\_n78A-n258K  DC\_3A-7A-8A\_n78A-n258L  DC\_3A-7A-8A\_n78A-n258M | DC\_3A\_n78A  DC\_3A\_n258A  DC\_7A\_n78A  DC\_7A\_n258A  DC\_8A\_n78A  DC\_8A\_n258A |
| DC\_3A-7A-28A\_n78A-n257A  DC\_3A-7A-28A\_n78A-n257G  DC\_3A-7A-28A\_n78A-n257H  DC\_3A-7A-28A\_n78A-n257I | DC\_3A\_n78A  DC\_7A\_n78A  DC\_28A\_n78A  DC\_3A\_n257A  DC\_7A\_n257A  DC\_28A\_n257A |
| DC\_3A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-3A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-18A-42A\_n78A-n257A  DC\_3A-18A-42A\_n78A-n257G  DC\_3A-18A-42A\_n78A-n257H  DC\_3A-18A-42A\_n78A-n257I  DC\_3A-18A-42C\_n78A-n257A  DC\_3A-18A-42C\_n78A-n257G  DC\_3A-18A-42C\_n78A-n257H  DC\_3A-18A-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-41A-42A\_n77A-n257A  DC\_3A-41A-42A\_n77A-n257G  DC\_3A-41A-42A\_n77A-n257H  DC\_3A-41A-42A\_n77A-n257I  DC\_3A-41A-42C\_n77A-n257A  DC\_3A-41A-42C\_n77A-n257G  DC\_3A-41A-42C\_n77A-n257H  DC\_3A-41A-42C\_n77A-n257I  DC\_3A-41C-42A\_n77A-n257A  DC\_3A-41C-42A\_n77A-n257G  DC\_3A-41C-42A\_n77A-n257H  DC\_3A-41C-42A\_n77A-n257I  DC\_3A-41C-42C\_n77A-n257A  DC\_3A-41C-42C\_n77A-n257G  DC\_3A-41C-42C\_n77A-n257H  DC\_3A-41C-42C\_n77A-n257I | DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n77A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n77A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-28A-41A\_n78A-n257A  DC\_3A-28A-41A\_n78A-n257G  DC\_3A-28A-41A\_n78A-n257H  DC\_3A-28A-41A\_n78A-n257I  DC\_3A-28A-41C\_n78A-n257A  DC\_3A-28A-41C\_n78A-n257G  DC\_3A-28A-41C\_n78A-n257H  DC\_3A-28A-41C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I |
| DC\_3A-28A-42A\_n78A-n257A  DC\_3A-28A-42A\_n78A-n257G  DC\_3A-28A-42A\_n78A-n257H  DC\_3A-28A-42A\_n78A-n257I  DC\_3A-28A-42C\_n78A-n257A  DC\_3A-28A-42C\_n78A-n257G  DC\_3A-28A-42C\_n78A-n257H  DC\_3A-28A-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-41A-42A\_n78A-n257A  DC\_3A-41A-42A\_n78A-n257G  DC\_3A-41A-42A\_n78A-n257H  DC\_3A-41A-42A\_n78A-n257I  DC\_3A-41A-42C\_n78A-n257A  DC\_3A-41A-42C\_n78A-n257G  DC\_3A-41A-42C\_n78A-n257H  DC\_3A-41A-42C\_n78A-n257I  DC\_3A-41C-42A\_n78A-n257A  DC\_3A-41C-42A\_n78A-n257G  DC\_3A-41C-42A\_n78A-n257H  DC\_3A-41C-42A\_n78A-n257I  DC\_3A-41C-42C\_n78A-n257A  DC\_3A-41C-42C\_n78A-n257G  DC\_3A-41C-42C\_n78A-n257H  DC\_3A-41C-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_7A-8A\_n1A-n78A-n257A2 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_7A-7A-8A\_n1A-n78A-n257A2 | DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_19A-21A-42A\_n77A-n257A  DC\_19A-21A-42A\_n77A-n257G  DC\_19A-21A-42A\_n77A-n257H  DC\_19A-21A-42A\_n77A-n257I  DC\_19A-21A-42C\_n77A-n257A  DC\_19A-21A-42C\_n77A-n257G  DC\_19A-21A-42C\_n77A-n257H  DC\_19A-21A-42C\_n77A-n257I | DC\_19A\_n77A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n77A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-21A-42A\_n78A-n257A  DC\_19A-21A-42A\_n78A-n257G  DC\_19A-21A-42A\_n78A-n257H  DC\_19A-21A-42A\_n78A-n257I  DC\_19A-21A-42C\_n78A-n257A  DC\_19A-21A-42C\_n78A-n257G  DC\_19A-21A-42C\_n78A-n257H  DC\_19A-21A-42C\_n78A-n257I | DC\_19A\_n78A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n78A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_19A-21A-42A\_n79A-n257A  DC\_19A-21A-42A\_n79A-n257G  DC\_19A-21A-42A\_n79A-n257H  DC\_19A-21A-42A\_n79A-n257I  DC\_19A-21A-42C\_n79A-n257A  DC\_19A-21A-42C\_n79A-n257G  DC\_19A-21A-42C\_n79A-n257H  DC\_19A-21A-42C\_n79A-n257I | DC\_19A\_n79A  DC\_19A\_n257A  DC\_19A\_n257G  DC\_19A\_n257H  DC\_19A\_n257I  DC\_21A\_n79A  DC\_21A\_n257A  DC\_21A\_n257G  DC\_21A\_n257H  DC\_21A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I |
| DC\_28A-41A-42A\_n78A-n257A  DC\_28A-41A-42A\_n78A-n257G  DC\_28A-41A-42A\_n78A-n257H  DC\_28A-41A-42A\_n78A-n257I  DC\_28A-41A-42C\_n78A-n257A  DC\_28A-41A-42C\_n78A-n257G  DC\_28A-41A-42C\_n78A-n257H  DC\_28A-41A-42C\_n78A-n257I  DC\_28A-41C-42A\_n78A-n257A  DC\_28A-41C-42A\_n78A-n257G  DC\_28A-41C-42A\_n78A-n257H  DC\_28A-41C-42A\_n78A-n257I  DC\_28A-41C-42C\_n78A-n257A  DC\_28A-41C-42C\_n78A-n257G  DC\_28A-41C-42C\_n78A-n257H  DC\_28A-41C-42C\_n78A-n257I | DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications.  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability. | |

#### 5.5B.6.5 Inter-band EN-DC configurations including FR1 and FR2 (six bands)

Table 5.5B.6.5-1: Inter-band EN-DC configurations including FR1 and FR2 (six bands)

| EN-DC  configuration | Uplink EN-DC  configuration  (NOTE 1) |
| --- | --- |
| DC\_1A-3A-5A-7A-7A\_n78A-n257A  DC\_1A-3A-5A-7A-7A\_n78A-n257D  DC\_1A-3A-5A-7A-7A\_n78A-n257E  DC\_1A-3A-5A-7A-7A\_n78A-n257F  DC\_1A-3A-5A-7A-7A\_n78A-n257G  DC\_1A-3A-5A-7A-7A\_n78A-n257H  DC\_1A-3A-5A-7A-7A\_n78A-n257I  DC\_1A-3A-5A-7A-7A\_n78A-n257J  DC\_1A-3A-5A-7A-7A\_n78A-n257K  DC\_1A-3A-5A-7A-7A\_n78A-n257L  DC\_1A-3A-5A-7A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_3A\_n78A  DC\_5A\_n78A  DC\_7A\_n78A  DC\_1A\_n257A  DC\_3A\_n257A  DC\_5A\_n257A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-5A-7A-7A\_n78C-n257A  DC\_1A-3A-5A-7A-7A\_n78C-n257D  DC\_1A-3A-5A-7A-7A\_n78C-n257E  DC\_1A-3A-5A-7A-7A\_n78C-n257F  DC\_1A-3A-5A-7A-7A\_n78C-n257G  DC\_1A-3A-5A-7A-7A\_n78C-n257H  DC\_1A-3A-5A-7A-7A\_n78C-n257I  DC\_1A-3A-5A-7A-7A\_n78C-n257J  DC\_1A-3A-5A-7A-7A\_n78C-n257K  DC\_1A-3A-5A-7A-7A\_n78C-n257L  DC\_1A-3A-5A-7A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-5A-7A\_n78A-n257A  DC\_1A-3A-5A-7A\_n78A-n257D  DC\_1A-3A-5A-7A\_n78A-n257E  DC\_1A-3A-5A-7A\_n78A-n257F  DC\_1A-3A-5A-7A\_n78A-n257G  DC\_1A-3A-5A-7A\_n78A-n257H  DC\_1A-3A-5A-7A\_n78A-n257I  DC\_1A-3A-5A-7A\_n78A-n257J  DC\_1A-3A-5A-7A\_n78A-n257K  DC\_1A-3A-5A-7A\_n78A-n257L  DC\_1A-3A-5A-7A\_n78A-n257M | DC\_1A\_n78A  DC\_1A\_n257A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_5A\_n78A  DC\_5A\_n257A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-5A-7A\_n78C-n257A  DC\_1A-3A-5A-7A\_n78C-n257D  DC\_1A-3A-5A-7A\_n78C-n257E  DC\_1A-3A-5A-7A\_n78C-n257F  DC\_1A-3A-5A-7A\_n78C-n257G  DC\_1A-3A-5A-7A\_n78C-n257H  DC\_1A-3A-5A-7A\_n78C-n257I  DC\_1A-3A-5A-7A\_n78C-n257J  DC\_1A-3A-5A-7A\_n78C-n257K  DC\_1A-3A-5A-7A\_n78C-n257L  DC\_1A-3A-5A-7A\_n78C-n257M | DC\_1A\_n78A-n257A  DC\_1A\_n78A-n257G  DC\_1A\_n78A-n257H  DC\_1A\_n78A-n257I  DC\_3A\_n78A-n257A  DC\_3A\_n78A-n257G  DC\_3A\_n78A-n257H  DC\_3A\_n78A-n257I  DC\_5A\_n78A-n257A  DC\_5A\_n78A-n257G  DC\_5A\_n78A-n257H  DC\_5A\_n78A-n257I  DC\_7A\_n78A-n257A  DC\_7A\_n78A-n257G  DC\_7A\_n78A-n257H  DC\_7A\_n78A-n257I |
| DC\_1A-3A-7A-28A\_n78A-n257A  DC\_1A-3A-7A-28A\_n78A-n257G  DC\_1A-3A-7A-28A\_n78A-n257H  DC\_1A-3A-7A-28A\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_7A\_n78A  DC\_7A\_n257A  DC\_7A\_n257G  DC\_7A\_n257H  DC\_7A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I |
| DC\_1A-3A-18A-42A\_n78A-n257A  DC\_1A-3A-18A-42A\_n78A-n257G  DC\_1A-3A-18A-42A\_n78A-n257H  DC\_1A-3A-18A-42A\_n78A-n257I  DC\_1A-3A-18A-42C\_n78A-n257A  DC\_1A-3A-18A-42C\_n78A-n257G  DC\_1A-3A-18A-42C\_n78A-n257H  DC\_1A-3A-18A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_18A\_n78A  DC\_18A\_n257A  DC\_18A\_n257G  DC\_18A\_n257H  DC\_18A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-28A-42A\_n78A-n257A  DC\_1A-3A-28A-42A\_n78A-n257G  DC\_1A-3A-28A-42A\_n78A-n257H  DC\_1A-3A-28A-42A\_n78A-n257I  DC\_1A-3A-28A-42C\_n78A-n257A  DC\_1A-3A-28A-42C\_n78A-n257G  DC\_1A-3A-28A-42C\_n78A-n257H  DC\_1A-3A-28A-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-41A-42A\_n77A-n257A  DC\_1A-3A-41A-42A\_n77A-n257G  DC\_1A-3A-41A-42A\_n77A-n257H  DC\_1A-3A-41A-42A\_n77A-n257I  DC\_1A-3A-41C-42A\_n77A-n257A  DC\_1A-3A-41C-42A\_n77A-n257G  DC\_1A-3A-41C-42A\_n77A-n257H  DC\_1A-3A-41C-42A\_n77A-n257I  DC\_1A-3A-41A-42C\_n77A-n257A  DC\_1A-3A-41A-42C\_n77A-n257G  DC\_1A-3A-41A-42C\_n77A-n257H  DC\_1A-3A-41A-42C\_n77A-n257I  DC\_1A-3A-41C-42C\_n77A-n257A  DC\_1A-3A-41C-42C\_n77A-n257G  DC\_1A-3A-41C-42C\_n77A-n257H  DC\_1A-3A-41C-42C\_n77A-n257I | DC\_1A\_n77A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n77A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n77A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n77A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_1A-3A-41A-42A\_n78A-n257A  DC\_1A-3A-41A-42A\_n78A-n257G  DC\_1A-3A-41A-42A\_n78A-n257H  DC\_1A-3A-41A-42A\_n78A-n257I  DC\_1A-3A-41A-42C\_n78A-n257A  DC\_1A-3A-41A-42C\_n78A-n257G  DC\_1A-3A-41A-42C\_n78A-n257H  DC\_1A-3A-41A-42C\_n78A-n257I  DC\_1A-3A-41C-42A\_n78A-n257A  DC\_1A-3A-41C-42A\_n78A-n257G  DC\_1A-3A-41C-42A\_n78A-n257H  DC\_1A-3A-41C-42A\_n78A-n257I  DC\_1A-3A-41C-42C\_n78A-n257A  DC\_1A-3A-41C-42C\_n78A-n257G  DC\_1A-3A-41C-42C\_n78A-n257H  DC\_1A-3A-41C-42C\_n78A-n257I | DC\_1A\_n78A  DC\_1A\_n257A  DC\_1A\_n257G  DC\_1A\_n257H  DC\_1A\_n257I  DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| DC\_3A-7A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-3A-7A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-7A-7A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-3A-7A-7A-8A\_n1A-n78A-n257A2 | DC\_3A\_n1A  DC\_3A\_n78A  DC\_3A\_n257A  DC\_7A\_n1A  DC\_7A\_n78A  DC\_7A\_n257A  DC\_8A\_n1A  DC\_8A\_n78A  DC\_8A\_n257A |
| DC\_3A-28A-41A-42A\_n78A-n257A  DC\_3A-28A-41A-42A\_n78A-n257G  DC\_3A-28A-41A-42A\_n78A-n257H  DC\_3A-28A-41A-42A\_n78A-n257I  DC\_3A-28A-41A-42C\_n78A-n257A  DC\_3A-28A-41A-42C\_n78A-n257G  DC\_3A-28A-41A-42C\_n78A-n257H  DC\_3A-28A-41A-42C\_n78A-n257I  DC\_3A-28A-41C-42A\_n78A-n257A  DC\_3A-28A-41C-42A\_n78A-n257G  DC\_3A-28A-41C-42A\_n78A-n257H  DC\_3A-28A-41C-42A\_n78A-n257I  DC\_3A-28A-41C-42C\_n78A-n257A  DC\_3A-28A-41C-42C\_n78A-n257G  DC\_3A-28A-41C-42C\_n78A-n257H  DC\_3A-28A-41C-42C\_n78A-n257I | DC\_3A\_n78A  DC\_3A\_n257A  DC\_3A\_n257G  DC\_3A\_n257H  DC\_3A\_n257I  DC\_28A\_n78A  DC\_28A\_n257A  DC\_28A\_n257G  DC\_28A\_n257H  DC\_28A\_n257I  DC\_41A\_n78A  DC\_41A\_n257A  DC\_41A\_n257G  DC\_41A\_n257H  DC\_41A\_n257I  DC\_41C\_n78A  DC\_41C\_n257A  DC\_41C\_n257G  DC\_41C\_n257H  DC\_41C\_n257I  DC\_42A\_n257A  DC\_42A\_n257G  DC\_42A\_n257H  DC\_42A\_n257I  DC\_42C\_n257A  DC\_42C\_n257G  DC\_42C\_n257H  DC\_42C\_n257I |
| NOTE 1: Uplink EN-DC configurations are the configurations supported by the present release of specifications  NOTE 2: Applicable for UE supporting inter-band EN-DC with mandatory simultaneous Rx/Tx capability. | |

### 5.5B.7 Inter-band NR-DC between FR1 and FR2

#### 5.5B.7.0 General

The configurations and bandwidth combination sets for the FR1-FR2 NR-DC combinations in the following sub-sections are defined in the tables for FR1-FR2 carrier aggregation in section 5.5A.1.

#### 5.5B.7.1 Inter-band NR-DC configurations between FR1 and FR2 (two bands)

Table 5.5B.7-1: Inter-band NR-DC configurations between FR1 and FR2 (two bands)

| **Downlink NR DC**  **configuration** | **Uplink NR DC**  **configuration** |
| --- | --- |
| DC\_n1A-n257A  DC\_n1A-n257D  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n1A-n257J  DC\_n1A-n257K  DC\_n1A-n257L  DC\_n1A-n257M | DC\_n1A-n257A  DC\_n1A-n257D  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n1A-n257J  DC\_n1A-n257K |
| DC\_n1A-n258A  DC\_n1A-n258B  DC\_n1A-n258C  DC\_n1A-n258D  DC\_n1A-n258E  DC\_n1A-n258F  DC\_n1A-n258G  DC\_n1A-n258H  DC\_n1A-n258I  DC\_n1A-n258J  DC\_n1A-n258K  DC\_n1A-n258L  DC\_n1A-n258M | DC\_n1A-n258A |
| DC\_n2A-n260A  DC\_n2A-n260G  DC\_n2A-n260H  DC\_n2A-n260I  DC\_n2A-n260J  DC\_n2A-n260K  DC\_n2A-n260L  DC\_n2A-n260M | DC\_n2A-n260A  DC\_n2A-n260G  DC\_n2A-n260H  DC\_n2A-n260I  DC\_n2A-n260J  DC\_n2A-n260K  DC\_n2A-n260L  DC\_n2A-n260M |
| DC\_n2(2A)-n260A  DC\_n2(2A)-n260G  DC\_n2(2A)-n260H  DC\_n2(2A)-n260I  DC\_n2(2A)-n260J  DC\_n2(2A)-n260K  DC\_n2(2A)-n260L  DC\_n2(2A)-n260M | DC\_n2A-n260A  DC\_n2A-n260G  DC\_n2A-n260H  DC\_n2A-n260I  DC\_n2A-n260J  DC\_n2A-n260K  DC\_n2A-n260L  DC\_n2A-n260M |
| DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n2A-n261J  DC\_n2A-n261K  DC\_n2A-n261L  DC\_n2A-n261M | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I |
| DC\_n2A-n261(2A)  DC\_n2A-n261(3A)  DC\_n2A-n261(4A)  DC\_n2A-n261(2G)  DC\_n2A-n261(2H)  DC\_n2A-n261(2I)  DC\_n2A-n261(A-G)  DC\_n2A-n261(A-H)  DC\_n2A-n261(A-I)  DC\_n2A-n261(A-J)  DC\_n2A-n261(A-K)  DC\_n2A-n261(A-L)  DC\_n2A-n261(G-H)  DC\_n2A-n261(H-I)  DC\_n2A-n261(G-I)  DC\_n2A-n261(A-G-H)  DC\_n2A-n261(A-G-I)  DC\_n2A-n261(2A-H)  DC\_n2A-n261(2A-G)  DC\_n2A-n261(2A-I)  DC\_n2A-n261(A-2G) | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I |
| DC\_n3A-n257A1  DC\_n3A-n257D1  DC\_n3A-n257G1  DC\_n3A-n257H1  DC\_n3A-n257I1 | DC\_n3A-n257A  DC\_n3A-n257D  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I |
| DC\_n3A-n257(2A)  DC\_n3(2A)-n257A  DC\_n3(2A)-n257G  DC\_n3(2A)-n257H  DC\_n3(2A)-n257I | DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257I  DC\_n3A-n257H  DC\_n3A-n257(2A) |
| DC\_n3A-n258A  DC\_n3A-n258B  DC\_n3A-n258C  DC\_n3A-n258D  DC\_n3A-n258E  DC\_n3A-n258F  DC\_n3A-n258G  DC\_n3A-n258H  DC\_n3A-n258I  DC\_n3A-n258J  DC\_n3A-n258K  DC\_n3A-n258L  DC\_n3A-n258M | DC\_n3A-n258A |
| DC\_n3A-n258(2A) | DC\_n3A-n258A  DC\_n3A-n258(2A) |
| DC\_n5A-n260A  DC\_n5A-n260G  DC\_n5A-n260H  DC\_n5A-n260I  DC\_n5A-n260J  DC\_n5A-n260K  DC\_n5A-n260L  DC\_n5A-n260M | DC\_n5A-n260A  DC\_n5A-n260G  DC\_n5A-n260H  DC\_n5A-n260I  DC\_n5A-n260J  DC\_n5A-n260K  DC\_n5A-n260L  DC\_n5A-n260M |
| DC\_n5A-n261A  DC\_n5A-n261G  DC\_n5A-n261H  DC\_n5A-n261I  DC\_n5A-n261J  DC\_n5A-n261K  DC\_n5A-n261L  DC\_n5A-n261M | DC\_n5A-n261A  DC\_n5A-n261G  DC\_n5A-n261H  DC\_n5A-n261I |
| DC\_n5A-n261(2A)  DC\_n5A-n261(3A)  DC\_n5A-n261(4A)  DC\_n5A-n261(2G)  DC\_n5A-n261(2H)  DC\_n5A-n261(2I)  DC\_n5A-n261(A-G)  DC\_n5A-n261(A-H)  DC\_n5A-n261(A-I)  DC\_n5A-n261(A-J)  DC\_n5A-n261(A-K)  DC\_n5A-n261(A-L)  DC\_n5A-n261(G-H)  DC\_n5A-n261(H-I)  DC\_n5A-n261(G-I)  DC\_n5A-n261(A-G-H)  DC\_n5A-n261(A-G-I)  DC\_n5A-n261(2A-H)  DC\_n5A-n261(2A-G)  DC\_n5A-n261(2A-I)  DC\_n5A-n261(A-2G) | DC\_n5A-n261A  DC\_n5A-n261G  DC\_n5A-n261H  DC\_n5A-n261I |
| DC\_n7A-n258A  DC\_n7A-n258B  DC\_n7A-n258C  DC\_n7A-n258D  DC\_n7A-n258E  DC\_n7A-n258F  DC\_n7A-n258G  DC\_n7A-n258H  DC\_n7A-n258I  DC\_n7A-n258J  DC\_n7A-n258K  DC\_n7A-n258L  DC\_n7A-n258M  DC\_n7B-n258A  DC\_n7B-n258B  DC\_n7B-n258C  DC\_n7B-n258D  DC\_n7B-n258E  DC\_n7B-n258F  DC\_n7B-n258G  DC\_n7B-n258H  DC\_n7B-n258I  DC\_n7B-n258J  DC\_n7B-n258K  DC\_n7B-n258L  DC\_n7B-n258M | DC\_n7A-n258A  DC\_n7A-n258G  DC\_n7A-n258H  DC\_n7A-n258I  DC\_n7B-n258A  DC\_n7B-n258G  DC\_n7B-n258H  DC\_n7B-n258I |
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| DC\_n25A-n258A  DC\_n25A-n258G  DC\_n25A-n258H | DC\_n25A-n258A  DC\_n25A-n258G  DC\_n25A-n258H |
| DC\_n25A-n258(2A)  DC\_n25A-n258(3A)  DC\_n25A-n258(4A)  DC\_n25A-n258(5A)  DC\_n25A-n258(2G)  DC\_n25A-n258(A-G)  DC\_n25A-n258(A-H)  DC\_n25A-n258(G-H) | DC\_n25A-n258A  DC\_n25A-n258G  DC\_n25A-n258H |
| DC\_n25A-n260A  DC\_n25A-n260G  DC\_n25A-n260H  DC\_n25A-n260I  DC\_n25A-n260J  DC\_n25A-n260K  DC\_n25A-n260L  DC\_n25A-n260M | DC\_n25A-n260A |
| DC\_n25A-n260(2A) DC\_n25A-n260(3A)  DC\_n25A-n260(4A)  DC\_n25A-n260(5A)  DC\_n25A-n260(6A) DC\_n25A-n260(7A)  DC\_n25A-n260(8A) | DC\_n25A-n260A |
| DC\_n25A-n261A | DC\_n25A-n261A |
| DC\_n25A-n261(2A) | DC\_n25A-n261A |
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| DC\_n40A-n257A  DC\_n40A-n257D  DC\_n40A-n257E  DC\_n40A-n257F  DC\_n40A-n257G  DC\_n40A-n257H  DC\_n40A-n257I  DC\_n40A-n257J  DC\_n40A-n257K  DC\_n40A-n257L  DC\_n40A-n257M | DC\_n40A-n257A  DC\_n40A-n257G  DC\_n40A-n257H  DC\_n40A-n257I  DC\_n40A-n257J  DC\_n40A-n257K  DC\_n40A-n257L  DC\_n40A-n257M |
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| DC\_n41A-n258A  DC\_n41A-n258G  DC\_n41A-n258H  DC\_n41C-n258A  DC\_n41C-n258G  DC\_n41C-n258H | DC\_n41A-n258A  DC\_n41A-n258G  DC\_n41A-n258H |
| DC\_n41A-n258(2A)  DC\_n41A-n258(3A)  DC\_n41A-n258(4A)  DC\_n41A-n258(5A)  DC\_n41C-n258(2A)  DC\_n41C-n258(3A)  DC\_n41C-n258(4A)  DC\_n41C-n258(5A)  DC\_n41(2A)-n258A  DC\_n41(2A)-n258G  DC\_n41(2A)-n258H  DC\_n41(2A)-n258(2A)  DC\_n41(2A)-n258(3A)  DC\_n41(2A)-n258(4A)  DC\_n41(2A)-n258(5A)  DC\_n41A-n258(2G)  DC\_n41C-n258(2G)  DC\_n41(2A)-n258(2G)  DC\_n41A-n258(A-G)  DC\_n41C-n258(A-G)  DC\_n41(2A)-n258(A-G)  DC\_n41A-n258(A-H)  DC\_n41C-n258(A-H)  DC\_n41(2A)-n258(A-H)  DC\_n41A-n258(G-H)  DC\_n41C-n258(G-H)  DC\_n41(2A)-n258(G-H) | DC\_n41A-n258A  DC\_n41A-n258G  DC\_n41A-n258H |
| DC\_n41A-n260A  DC\_n41A-n260G  DC\_n41A-n260H  DC\_n41A-n260I  DC\_n41A-n260J  DC\_n41A-n260K  DC\_n41A-n260L  DC\_n41A-n260M  DC\_n41C-n260A  DC\_n41C-n260G  DC\_n41C-n260H  DC\_n41C-n260I  DC\_n41C-n260J  DC\_n41C-n260K  DC\_n41C-n260L  DC\_n41C-n260M | DC\_n41A-n260A |
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| DC\_n41A-n261(2A)  DC\_n41C-n261(2A)  DC\_n41(2A)-n261A  DC\_n41(2A)-n261(2A) | DC\_n41A-n261A |
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| DC\_n48A-n261(2A)  DC\_n48A-n261(2G)  DC\_n48A-n261(2H)  DC\_n48A-n261(2I)  DC\_n48A-n261(3A)  DC\_n48A-n261(4A)  DC\_n48A-n261(A-G)  DC\_n48A-n261(A-H)  DC\_n48A-n261(A-I)  DC\_n48A-n261(G-H)  DC\_n48A-n261(H-I)  DC\_n48A-n261(G-I)  DC\_n48A-n261(2A-G)  DC\_n48A-n261(2A-H)  DC\_n48A-n261(2A-I)  DC\_n48A-n261(A-2G)  DC\_n48A-n261(A-G-H)  DC\_n48A-n261(A-G-I)  DC\_n48(2A)-n261A  DC\_n48(2A)-n261G  DC\_n48(2A)-n261H  DC\_n48(2A)-n261I  DC\_n48(2A)-n261J  DC\_n48(2A)-n261K  DC\_n48(2A)-n261L  DC\_n48(2A)-n261M  DC\_n48(2A)-n261(2A-G)  DC\_n48(2A)-n261(2A-H)  DC\_n48(2A)-n261(2A-I)  DC\_n48(2A)-n261(2A)  DC\_n48(2A)-n261(2G)  DC\_n48(2A)-n261(3A)  DC\_n48(2A)-n261(A-2G)  DC\_n48(2A)-n261(A-G)  DC\_n48(2A)-n261(A-H)  DC\_n48(2A)-n261(A-I)  DC\_n48(2A)-n261(G-H)  DC\_n48(2A)-n261(2H)  DC\_n48(2A)-n261(G-I)  DC\_n48(2A)-n261(A-G-H)  DC\_n48(2A)-n261(H-I)  DC\_n48(2A)-n261(A-G-I)  DC\_n48B-n261(G-H)  DC\_n48B-n261(2H)  DC\_n48B-n261(G-I)  DC\_n48B-n261(A-G-H)  DC\_n48B-n261(H-I)  DC\_n48B-n261(A-G-I)  DC\_n48B-n261(2A-G)  DC\_n48B-n261(2A-H)  DC\_n48B-n261(2A-I)  DC\_n48B-n261(2A)  DC\_n48B-n261(2G)  DC\_n48B-n261(3A)  DC\_n48B-n261(A-2G)  DC\_n48B-n261(A-G)  DC\_n48B-n261(A-H)  DC\_n48B-n261(A-I)  DC\_n48(A-B)-n261A  DC\_n48(A-B)-n261G  DC\_n48(A-B)-n261H  DC\_n48(A-B)-n261I  DC\_n48(A-B)-n261J  DC\_n48(A-B)-n261K  DC\_n48(A-B)-n261L  DC\_n48(A-B)-n261M | DC\_n48A-n261A  DC\_n48A-n261G  DC\_n48A-n261H  DC\_n48A-n261I |
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| DC\_n66A-n260(2A)  DC\_n66A-n260(3A)  DC\_n66A-n260(4A)  DC\_n66A-n260(5A)  DC\_n66A-n260(6A)  DC\_n66A-n260(7A)  DC\_n66A-n260(8A)  DC\_n66(2A)-n260A  DC\_n66(2A)-n260G  DC\_n66(2A)-n260H  DC\_n66(2A)-n260I  DC\_n66(2A)-n260J  DC\_n66(2A)-n260K  DC\_n66(2A)-n260L  DC\_n66(2A)-n260M | DC\_n66A-n260A  DC\_n66A-n260G  DC\_n66A-n260H  DC\_n66A-n260I  DC\_n66A-n260J  DC\_n66A-n260K  DC\_n66A-n260L  DC\_n66A-n260M |
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| DC\_n66A-n261(2A)  DC\_n66A-n261(3A)  DC\_n66A-n261(4A)  DC\_n66A-n261(2G)  DC\_n66A-n261(2H)  DC\_n66A-n261(2I)  DC\_n66A-n261(A-G)  DC\_n66A-n261(A-H)  DC\_n66A-n261(A-I)  DC\_n66A-n261(A-J)  DC\_n66A-n261(A-K)  DC\_n66A-n261(A-L)  DC\_n66A-n261(G-H)  DC\_n66A-n261(H-I)  DC\_n66A-n261(G-I)  DC\_n66A-n261(A-G-H)  DC\_n66A-n261(A-G-I)  DC\_n66A-n261(2A-H)  DC\_n66A-n261(2A-G)  DC\_n66A-n261(2A-I)  DC\_n66A-n261(A-2G) | DC\_n66A-n261A  DC\_n66A-n261G  DC\_n66A-n261H  DC\_n66A-n261I |
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| DC\_n77A-n261A  DC\_n77A-n261G  DC\_n77A-n261H  DC\_n77A-n261I  DC\_n77A-n261J  DC\_n77A-n261K  DC\_n77A-n261L  DC\_n77A-n261M  DC\_n77C-n261A  DC\_n77C-n261G  DC\_n77C-n261H  DC\_n77C-n261I  DC\_n77C-n261J  DC\_n77C-n261K  DC\_n77C-n261L  DC\_n77C-n261M | DC\_n77A-n261A  DC\_n77A-n261G  DC\_n77A-n261H  DC\_n77A-n261I  DC\_n77A-n261J  DC\_n77A-n261K  DC\_n77A-n261L  DC\_n77A-n261M |
| DC\_n77A-n261(2A)  DC\_n77A-n261(2G)  DC\_n77A-n261(2H)  DC\_n77A-n261(2I)  DC\_n77A-n261(3A)  DC\_n77A-n261(4A) | DC\_n77A-n261A |
| DC\_n77A-n261(A-G)  DC\_n77A-n261(A-H)  DC\_n77A-n261(A-I)  DC\_n77A-n261(G-H)  DC\_n77A-n261(G-I)  DC\_n77A-n261(H-I)  DC\_n77A-n261(A-J)  DC\_n77A-n261(A-K)  DC\_n77A-n261(A-L)  DC\_n77A-n261(A-G-H)  DC\_n77A-n261(A-G-I)  DC\_n77A-n261(2A-H)  DC\_n77A-n261(2A-G)  DC\_n77A-n261(2A-I)  DC\_n77A-n261(A-2G)  DC\_n77C-n261(G-H)  DC\_n77C-n261(2H)  DC\_n77C-n261(G-I)  DC\_n77C-n261(A-G-H)  DC\_n77C-n261(H-I)  DC\_n77C-n261(A-G-I)  DC\_n77C-n261(2A-G)  DC\_n77C-n261(2A-H)  DC\_n77C-n261(2A-I)  DC\_n77C-n261(2A)  DC\_n77C-n261(2G)  DC\_n77C-n261(3A)  DC\_n77C-n261(A-2G)  DC\_n77C-n261(A-G)  DC\_n77C-n261(A-H)  DC\_n77C-n261(A-I) | DC\_n77A-n261A  DC\_n77A-n261G  DC\_n77A-n261H  DC\_n77A-n261I |
| DC\_n78A-n257A  DC\_n78A-n257D  DC\_n78A-n257E  DC\_n78A-n257F  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I  DC\_n78A-n257J  DC\_n78A-n257K  DC\_n78A-n257L  DC\_n78A-n257M  DC\_n78C-n257A  DC\_n78C-n257D  DC\_n78C-n257E  DC\_n78C-n257F  DC\_n78C-n257G  DC\_n78C-n257H  DC\_n78C-n257I  DC\_n78C-n257J  DC\_n78C-n257K  DC\_n78C-n257L  DC\_n78C-n257M | DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I |
| DC\_n78A-n257(2A)  DC\_n78(2A)-n257A  DC\_n78(2A)-n257G  DC\_n78(2A)-n257H  DC\_n78(2A)-n257I | DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257I  DC\_n78A-n257H  DC\_n78A-n257(2A) |
| DC\_n78A-n258A  DC\_n78A-n258B  DC\_n78A-n258C  DC\_n78A-n258D  DC\_n78A-n258E  DC\_n78A-n258F  DC\_n78A-n258G  DC\_n78A-n258H  DC\_n78A-n258I  DC\_n78A-n258J  DC\_n78A-n258K  DC\_n78A-n258L  DC\_n78A-n258M  DC\_n78C-n258A  DC\_n78C-n258B  DC\_n78C-n258C  DC\_n78C-n258D  DC\_n78C-n258E  DC\_n78C-n258F  DC\_n78C-n258G  DC\_n78C-n258H  DC\_n78C-n258I  DC\_n78C-n258J  DC\_n78C-n258K  DC\_n78C-n258L  DC\_n78C-n258M | DC\_n78A-n258A  DC\_n78A-n258G  DC\_n78A-n258H  DC\_n78A-n258I |
| DC\_n78A-n258(2A) | DC\_n78A-n258A  DC\_n78A-n258(2A) |
| DC\_n79A-n257A1  DC\_n79A-n257D1  DC\_n79A-n257E1  DC\_n79A-n257F1  DC\_n79A-n257G1  DC\_n79A-n257H1  DC\_n79A-n257I1  DC\_n79A-n257J  DC\_n79A-n257K  DC\_n79A-n257L  DC\_n79A-n257M  DC\_n79C-n257A  DC\_n79C-n257D  DC\_n79C-n257E  DC\_n79C-n257F | DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n79A-n258A  DC\_n79A-n258D  DC\_n79A-n258E  DC\_n79A-n258F  DC\_n79A-n258G  DC\_n79A-n258H  DC\_n79A-n258I  DC\_n79A-n258J  DC\_n79A-n258K  DC\_n79A-n258L  DC\_n79A-n258M | DC\_n79A-n258A |
| NOTE 1: Applicable for UE supporting inter-band NR DC with mandatory simultaneous Rx/Tx capability. | |

#### 5.5B.7.2 Inter-band NR-DC configurations between FR1 and FR2 (three bands)

Table 5.5B.7-2: Inter-band NR-DC configurations between FR1 and FR2 (three bands)

| **Downlink NR DC**  **configuration** | **Uplink NR DC**  **configuration** |
| --- | --- |
| DC\_n1A-n3A-n257A  DC\_n1A-n3A-n257G  DC\_n1A-n3A-n257H  DC\_n1A-n3A-n257I | DC\_n1A-n3A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I |
| DC\_n1A-n18A-n257A  DC\_n1A-n18A-n257G  DC\_n1A-n18A-n257H  DC\_n1A-n18A-n257I | DC\_n1A-n18A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n18A-n257A  DC\_n18A-n257G  DC\_n18A-n257H  DC\_n18A-n257I |
| DC\_n1A-n28A-n257A  DC\_n1A-n28A-n257G  DC\_n1A-n28A-n257H  DC\_n1A-n28A-n257I | DC\_n1A-n28A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n28A-n257A  DC\_n28A-n257G  DC\_n28A-n257H  DC\_n28A-n257I |
| DC\_n1A-n41A-n257A  DC\_n1A-n41A-n257G  DC\_n1A-n41A-n257H  DC\_n1A-n41A-n257I | DC\_n1A-n41A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n41A-n257A  DC\_n41A-n257G  DC\_n41A-n257H  DC\_n41A-n257I |
| DC\_n1A-n77A-n257A  DC\_n1A-n77A-n257G  DC\_n1A-n77A-n257H  DC\_n1A-n77A-n257I | DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I |
| DC\_n1A-n77(2A)-n257A  DC\_n1A-n77(2A)-n257G  DC\_n1A-n77(2A)-n257H  DC\_n1A-n77(2A)-n257I | DC\_n1A-n77A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I |
| DC\_n1A-n78A-n257A1  DC\_n1A-n78A-n257G1  DC\_n1A-n78A-n257H1  DC\_n1A-n78A-n257I1  DC\_n1A-n78A-n257J1  DC\_n1A-n78A-n257K1  DC\_n1A-n78A-n257L1  DC\_n1A-n78A-n257M1 | DC\_n1A-n78A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n1A-n257J  DC\_n1A-n257K  DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I  DC\_n78A-n257J  DC\_n78A-n257K |
| DC\_n1A-n79A-n257A  DC\_n1A-n79A-n257G  DC\_n1A-n79A-n257H  DC\_n1A-n79A-n257I | DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n2A-n5A-n260A  DC\_n2A-n5A-n260G  DC\_n2A-n5A-n260H  DC\_n2A-n5A-n260I  DC\_n2A-n5A-n260J  DC\_n2A-n5A-n260K  DC\_n2A-n5A-n260L  DC\_n2A-n5A-n260M | DC\_n2A-n5A  DC\_n2A-n260A  DC\_n5A-n260A  DC\_n2A-n260G  DC\_n5A-n260G  DC\_n2A-n260H  DC\_n5A-n260H  DC\_n2A-n260I  DC\_n5A-n260I  DC\_n2A-n260J  DC\_n5A-n260J  DC\_n2A-n260K  DC\_n5A-n260K  DC\_n2A-n260L  DC\_n5A-n260L  DC\_n2A-n260M  DC\_n5A-n260M |
| DC\_n2A-n5A-n261A  DC\_n2A-n5A-n261I  DC\_n2A-n5A-n261J  DC\_n2A-n5A-n261K  DC\_n2A-n5A-n261L  DC\_n2A-n5A-n261M | DC\_n2A-n5A  DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n5A-n261A  DC\_n5A-n261G  DC\_n5A-n261H  DC\_n5A-n261I |
| DC\_n2A-n5A-n261(2G)  DC\_n2A-n5A-n261(G-H)  DC\_n2A-n5A-n261(A-G-H)  DC\_n2A-n5A-n261(G-I)  DC\_n2A-n5A-n261(2H)  DC\_n2A-n5A-n261(A-G-I)  DC\_n2An5A-n261(H-I) | DC\_n2A-n5A  DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n5A-n261A  DC\_n5A-n261G  DC\_n5A-n261H  DC\_n5A-n261I |
| DC\_n2A-n12A-n260A  DC\_n2A-n12A-n260G  DC\_n2A-n12A-n260H  DC\_n2A-n12A-n260I  DC\_n2A-n12A-n260J  DC\_n2A-n12A-n260K  DC\_n2A-n12A-n260L  DC\_n2A-n12A-n260M | DC\_n2A-n12A  DC\_n2A-n260A  DC\_n12A-n260A  DC\_n2A-n260G  DC\_n12A-n260G  DC\_n2A-n260H  DC\_n12A-n260H  DC\_n2A-n260I  DC\_n12A-n260I  DC\_n2A-n260J  DC\_n12A-n260J  DC\_n2A-n260K  DC\_n12A-n260K  DC\_n2A-n260L  DC\_n12A-n260L  DC\_n2A-n260M  DC\_n12A-n260M |
| DC\_n2A-n14A-n260A  DC\_n2A-n14A-n260G  DC\_n2A-n14A-n260H  DC\_n2A-n14A-n260I  DC\_n2A-n14A-n260J  DC\_n2A-n14A-n260K  DC\_n2A-n14A-n260L  DC\_n2A-n14A-n260M | DC\_n2A-n14A  DC\_n2A-n260A  DC\_n14A-n260A  DC\_n2A-n260G  DC\_n14A-n260G  DC\_n2A-n260H  DC\_n14A-n260H  DC\_n2A-n260I  DC\_n14A-n260I  DC\_n2A-n260J  DC\_n14A-n260J  DC\_n2A-n260K  DC\_n14A-n260K  DC\_n2A-n260L  DC\_n14A-n260L  DC\_n2A-n260M  DC\_n14A-n260M |
| DC\_n2A-n30A-n260A  DC\_n2A-n30A-n260G  DC\_n2A-n30A-n260H  DC\_n2A-n30A-n260I  DC\_n2A-n30A-n260J  DC\_n2A-n30A-n260K  DC\_n2A-n30A-n260L  DC\_n2A-n30A-n260M | DC\_n2A-n30A  DC\_n2A-n260A  DC\_n30A-n260A  DC\_n2A-n260G  DC\_n30A-n260G  DC\_n2A-n260H  DC\_n30A-n260H  DC\_n2A-n260I  DC\_n30A-n260I  DC\_n2A-n260J  DC\_n30A-n260J  DC\_n2A-n260K  DC\_n30A-n260K  DC\_n2A-n260L  DC\_n30A-n260L  DC\_n2A-n260M  DC\_n30A-n260M |
| DC\_n2A-n66A-n260A  DC\_n2A-n66A-n260G  DC\_n2A-n66A-n260H  DC\_n2A-n66A-n260I  DC\_n2A-n66A-n260J  DC\_n2A-n66A-n260K  DC\_n2A-n66A-n260L  DC\_n2A-n66A-n260M | DC\_n2A-n66A  DC\_n2A-n260A  DC\_n66A-n260A  DC\_n2A-n260G  DC\_n66A-n260G  DC\_n2A-n260H  DC\_n66A-n260H  DC\_n2A-n260I  DC\_n66A-n260I  DC\_n2A-n260J  DC\_n66A-n260J  DC\_n2A-n260K  DC\_n66A-n260K  DC\_n2A-n260L  DC\_n66A-n260L  DC\_n2A-n260M  DC\_n66A-n260M |
| DC\_n2A-n66A-n261A  DC\_n2A-n66A-n261I  DC\_n2A-n66A-n261J  DC\_n2A-n66A-n261K  DC\_n2A-n66A-n261L  DC\_n2A-n66A-n261M | DC\_n2A-n66A  DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n66A-n66A  DC\_n66A-n66AG  DC\_n66A-n66AH  DC\_n66A-n66AI |
| DC\_n2A-n66A-n261(2G)  DC\_n2A-n66A-n261(G-H)  DC\_n2A-n66A-n261(A-G-H)  DC\_n2A-n66A-n261(G-I)  DC\_n2A-n66A-n261(2H)  DC\_n2A-n66A-n261(A-G-I)  DC\_n2A-n66A-n261(H-I) | DC\_n2A-n66A  DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n66A-n66A  DC\_n66A-n66AG  DC\_n66A-n66AH  DC\_n66A-n66AI |
| DC\_n2A-n77A-n260A  DC\_n2A-n77A-n260G  DC\_n2A-n77A-n260H  DC\_n2A-n77A-n260I  DC\_n2A-n77A-n260J  DC\_n2A-n77A-n260K  DC\_n2A-n77A-n260L  DC\_n2A-n77A-n260M | DC\_n2A-n77A  DC\_n2A-n260A  DC\_n2A-n260G  DC\_n2A-n260H  DC\_n2A-n260I  DC\_n2A-n260J  DC\_n2A-n260K  DC\_n2A-n260L  DC\_n2A-n260M  DC\_n77A-n260A  DC\_n77A-n260G  DC\_n77A-n260H  DC\_n77A-n260I  DC\_n77A-n260J  DC\_n77A-n260K  DC\_n77A-n260L  DC\_n77A-n260M |
| DC\_n2A-n77A-n261A  DC\_n2A-n77A-n261G  DC\_n2A-n77A-n261H  DC\_n2A-n77A-n261I  DC\_n2A-n77A-n261J  DC\_n2A-n77A-n261K  DC\_n2A-n77A-n261L  DC\_n2A-n77A-n261M | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n77A-n261A  DC\_n77A-n261G  DC\_n77A-n261H  DC\_n77A-n261I |
| DC\_n3A-n7A-n258A  DC\_n3A-n7A-n258B  DC\_n3A-n7A-n258C  DC\_n3A-n7A-n258D  DC\_n3A-n7A-n258E  DC\_n3A-n7A-n258F  DC\_n3A-n7A-n258G  DC\_n3A-n7A-n258H  DC\_n3A-n7A-n258I  DC\_n3A-n7A-n258J  DC\_n3A-n7A-n258K  DC\_n3A-n7A-n258L  DC\_n3A-n7A-n258M | DC\_n3A-n258A  DC\_n3A-n258G  DC\_n3A-n258H  DC\_n3A-n258I  DC\_n7A-n258A  DC\_n7A-n258G  DC\_n7A-n258H  DC\_n7A-n258I |
| DC\_n3A-n7B-n258A  DC\_n3A-n7B-n258B  DC\_n3A-n7B-n258C  DC\_n3A-n7B-n258D  DC\_n3A-n7B-n258E  DC\_n3A-n7B-n258F  DC\_n3A-n7B-n258G  DC\_n3A-n7B-n258H  DC\_n3A-n7B-n258I  DC\_n3A-n7B-n258J  DC\_n3A-n7B-n258K  DC\_n3A-n7B-n258L  DC\_n3A-n7B-n258M | DC\_n3A-n258A  DC\_n3A-n258G  DC\_n3A-n258H  DC\_n3A-n258I  DC\_n7A-n258A  DC\_n7A-n258G  DC\_n7A-n258H  DC\_n7A-n258I |
| DC\_n3A-n18A-n257A  DC\_n3A-n18A-n257G  DC\_n3A-n18A-n257H  DC\_n3A-n18A-n257I | DC\_n3A-n18A  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I  DC\_n18A-n257A  DC\_n18A-n257G  DC\_n18A-n257H  DC\_n18A-n257I |
| DC\_n3A-n28A-n257A1  DC\_n3A-n28A-n257G1  DC\_n3A-n28A-n257H1  DC\_n3A-n28A-n257I1 | DC\_n3A-n28A  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I  DC\_n28A-n257A  DC\_n28A-n257G  DC\_n28A-n257H  DC\_n28A-n257I |
| DC\_n3A-n41A-n257A  DC\_n3A-n41A-n257G  DC\_n3A-n41A-n257H  DC\_n3A-n41A-n257I | DC\_n3A-n41A  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I  DC\_n41A-n257A  DC\_n41A-n257G  DC\_n41A-n257H  DC\_n41A-n257I |
| DC\_n3A-n77A-n257A1  DC\_n3A-n77A-n257G1  DC\_n3A-n77A-n257H1  DC\_n3A-n77A-n257I1 | DC\_n3A-n77A  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I |
| DC\_n3A-n77(2A)-n257A1  DC\_n3A-n77(2A)-n257G1  DC\_n3A-n77(2A)-n257H1  DC\_n3A-n77(2A)-n257I1 | DC\_n3A-n77A  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I |
| DC\_n3A-n78A-n257A1  DC\_n3A-n78A-n257G1  DC\_n3A-n78A-n257H1  DC\_n3A-n78A-n257I1 | DC\_n3A-n78A  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I  DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I |
| DC\_n3A-n78A-n258A  DC\_n3A-n78A-n258B  DC\_n3A-n78A-n258C  DC\_n3A-n78A-n258D  DC\_n3A-n78A-n258E  DC\_n3A-n78A-n258F  DC\_n3A-n78A-n258G  DC\_n3A-n78A-n258H  DC\_n3A-n78A-n258I  DC\_n3A-n78A-n258J  DC\_n3A-n78A-n258K  DC\_n3A-n78A-n258L  DC\_n3A-n78A-n258M | DC\_n3A-n258A  DC\_n3A-n258G  DC\_n3A-n258H  DC\_n3A-n258I  DC\_n78A-n258A  DC\_n78A-n258G  DC\_n78A-n258H  DC\_n78A-n258I  DC\_n3A-n78A |
| DC\_n3A-n79A-n257A  DC\_n3A-n79A-n257G  DC\_n3A-n79A-n257H  DC\_n3A-n79A-n257I | DC\_n3A-n79A  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n5A-n30A-n260A  DC\_n5A-n30A-n260G  DC\_n5A-n30A-n260H  DC\_n5A-n30A-n260I  DC\_n5A-n30A-n260J  DC\_n5A-n30A-n260K  DC\_n5A-n30A-n260L  DC\_n5A-n30A-n260M | DC\_n5A-n30A  DC\_n5A-n260A  DC\_n30A-n260A  DC\_n5A-n260G  DC\_n30A-n260G  DC\_n5A-n260H  DC\_n30A-n260H  DC\_n5A-n260I  DC\_n30A-n260I  DC\_n5A-n260J  DC\_n30A-n260J  DC\_n5A-n260K  DC\_n30A-n260K  DC\_n5A-n260L  DC\_n30A-n260L  DC\_n5A-n260M  DC\_n30A-n260M |
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| DC\_n41A-n78A-n257A  DC\_n41A-n78A-n257G  DC\_n41A-n78A-n257H  DC\_n41A-n78A-n257I | DC\_n41A-n78A  DC\_n41A-n257A  DC\_n41A-n257G  DC\_n41A-n257H  DC\_n41A-n257I  DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I |
| DC\_n66A-n77A-n260A  DC\_n66A-n77A-n260G  DC\_n66A-n77A-n260H  DC\_n66A-n77A-n260I  DC\_n66A-n77A-n260J  DC\_n66A-n77A-n260K  DC\_n66A-n77A-n260L  DC\_n66A-n77A-n260M | DC\_n66A-n77A  DC\_n66A-n260A  DC\_n66A-n260G  DC\_n66A-n260H  DC\_n66A-n260I  DC\_n66A-n260J  DC\_n66A-n260K  DC\_n66A-n260L  DC\_n66A-n260M  DC\_n77A-n260A  DC\_n77A-n260G  DC\_n77A-n260H  DC\_n77A-n260I  DC\_n77A-n260J  DC\_n77A-n260K  DC\_n77A-n260L  DC\_n77A-n260M |
| DC\_n66A-n77A-n261A  DC\_n66A-n77A-n261G  DC\_n66A-n77A-n261H  DC\_n66A-n77A-n261I  DC\_n66A-n77A-n261J  DC\_n66A-n77A-n261K  DC\_n66A-n77A-n261L  DC\_n66A-n77A-n261M | DC\_n66A-n261A  DC\_n66A-n261G  DC\_n66A-n261H  DC\_n66A-n261I  DC\_n77A-n261A  DC\_n77A-n261G  DC\_n77A-n261H  DC\_n77A-n261I |
| DC\_n77A-n79A-n257A  DC\_n77A-n79A-n257G  DC\_n77A-n79A-n257H  DC\_n77A-n79A-n257I | DC\_n77A-n79A  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n77(2A)-n79A-n257A  DC\_n77(2A)-n79A-n257G  DC\_n77(2A)-n79A-n257H  DC\_n77(2A)-n79A-n257I | DC\_n77A-n79A  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n78A-n79A-n257A  DC\_n78A-n79A-n257G  DC\_n78A-n79A-n257H  DC\_n78A-n79A-n257I | DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| NOTE 1: Applicable for UE supporting inter-band NR DC with mandatory simultaneous Rx/Tx capability. | |

#### 5.5B.7.3 Inter-band NR-DC configurations between FR1 and FR2 (four bands)

Table 5.5B.7-3: Inter-band NR-DC configurations between FR1 and FR2 (four bands)

| **Downlink NR DC**  **configuration** | **Uplink NR DC**  **configuration** |
| --- | --- |
| DC\_n1A-n77A-n79A-n257A  DC\_n1A-n77A-n79A-n257G  DC\_n1A-n77A-n79A-n257H  DC\_n1A-n77A-n79A-n257I | DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n1A-n78A-n79A-n257A  DC\_n1A-n78A-n79A-n257G  DC\_n1A-n78A-n79A-n257H  DC\_n1A-n78A-n79A-n257I | DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n3A-n7A-n78A-n258A  DC\_n3A-n7A-n78A-n258B  DC\_n3A-n7A-n78A-n258C  DC\_n3A-n7A-n78A-n258D  DC\_n3A-n7A-n78A-n258E  DC\_n3A-n7A-n78A-n258F  DC\_n3A-n7A-n78A-n258G  DC\_n3A-n7A-n78A-n258H  DC\_n3A-n7A-n78A-n258I  DC\_n3A-n7A-n78A-n258J  DC\_n3A-n7A-n78A-n258K  DC\_n3A-n7A-n78A-n258L  DC\_n3A-n7A-n78A-n258M | DC\_n3A-n7A  DC\_n3A-n78A  DC\_n7A-n78A  DC\_n3A-n258A  DC\_n3A-n258G  DC\_n3A-n258H  DC\_n3A-n258I  DC\_n7A-n258A  DC\_n7A-n258G  DC\_n7A-n258H  DC\_n7A-n258I  DC\_n78A-n258A  DC\_n78A-n258G  DC\_n78A-n258H  DC\_n78A-n258I |
| DC\_n3A-n7B-n78A-n258A  DC\_n3A-n7B-n78A-n258B  DC\_n3A-n7B-n78A-n258C  DC\_n3A-n7B-n78A-n258D  DC\_n3A-n7B-n78A-n258E  DC\_n3A-n7B-n78A-n258F  DC\_n3A-n7B-n78A-n258G  DC\_n3A-n7B-n78A-n258H  DC\_n3A-n7B-n78A-n258I  DC\_n3A-n7B-n78A-n258J  DC\_n3A-n7B-n78A-n258K  DC\_n3A-n7B-n78A-n258L  DC\_n3A-n7B-n78A-n258M | DC\_n3A-n7A  DC\_n3A-n78A  DC\_n7A-n78A  DC\_n3A-n258A  DC\_n3A-n258G  DC\_n3A-n258H  DC\_n3A-n258I  DC\_n7A-n258A  DC\_n7A-n258G  DC\_n7A-n258H  DC\_n7A-n258I  DC\_n78A-n258A  DC\_n78A-n258G  DC\_n78A-n258H  DC\_n78A-n258I |
| DC\_n3A-n28A-n77A-n257A | DC\_n3A-n28A DC\_n3A-n77A  DC\_n3A-n257A  DC\_n28A-n77A  DC\_n28A-n257A  DC\_n77A-n257A |
| DC\_n3A-n28A-n77A-n257G | DC\_n3A-n28A DC\_n3A-n77A  DC\_n3A-n257A  DC\_n28A-n77A  DC\_n28A-n257A  DC\_n77A-n257A  DC\_n3A-n257G  DC\_n28A-n257G  DC\_n77A-n257G |
| DC\_n3A-n28A-n77A-n257H | DC\_n3A-n28A DC\_n3A-n77A  DC\_n3A-n257A  DC\_n28A-n77A  DC\_n28A-n257A  DC\_n77A-n257A  DC\_n3A-n257G  DC\_n28A-n257G  DC\_n77A-n257G  DC\_n3A-n257H  DC\_n28A-n257H  DC\_n77A-n257H |
| DC\_n3A-n28A-n77A-n257I | DC\_n3A-n28A  DC\_n3A-n77A  DC\_n3A-n257A  DC\_n28A-n77A  DC\_n28A-n257A  DC\_n77A-n257A  DC\_n3A-n257G  DC\_n28A-n257G  DC\_n77A-n257G  DC\_n3A-n257H  DC\_n28A-n257H  DC\_n77A-n257H  DC\_n3A-n257I  DC\_n28A-n257I  DC\_n77A-n257I |
| DC\_n3A-n28A-n77(2A)-n257A  DC\_n3A-n28A-n77(2A)-n257G  DC\_n3A-n28A-n77(2A)-n257H  DC\_n3A-n28A-n77(2A)-n257I | DC\_n3A-n28A DC\_n3A-n77A  DC\_n3A-n257A  DC\_n28A-n77A  DC\_n28A-n257A  DC\_n77A-n257A  DC\_n3A-n257G  DC\_n28A-n257G  DC\_n77A-n257G  DC\_n3A-n257H  DC\_n28A-n257H  DC\_n77A-n257H  DC\_n3A-n257I  DC\_n28A-n257I  DC\_n77A-n257I |
| DC\_n3A-n28A-n78A-n257A | DC\_n3A-n257A  DC\_n28A-n257A  DC\_n78A-n257A |
| DC\_n3A-n28A-n78A-n257G | DC\_n3A-n257A  DC\_n28A-n257A  DC\_n78A-n257A  DC\_n3A-n257G  DC\_n28A-n257G  DC\_n78A-n257G |
| DC\_n3A-n28A-n78A-n257H | DC\_n3A-n257A  DC\_n28A-n257A  DC\_n78A-n257A  DC\_n3A-n257G  DC\_n28A-n257G  DC\_n78A-n257G  DC\_n3A-n257H  DC\_n28A-n257H  DC\_n78A-n257H |
| DC\_n3A-n28A-n78A-n257I | DC\_n3A-n257A  DC\_n28A-n257A  DC\_n78A-n257A  DC\_n3A-n257G  DC\_n28A-n257G  DC\_n78A-n257G  DC\_n3A-n257H  DC\_n28A-n257H  DC\_n78A-n257H  DC\_n3A-n257I  DC\_n28A-n257I  DC\_n78A-n257I |
| DC\_n3A-n28A-n79A-n257A  DC\_n3A-n28A-n79A-n257G  DC\_n3A-n28A-n79A-n257H  DC\_n3A-n28A-n79A-n257I | DC\_n3A-n28A  DC\_n3A-n79A  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I  DC\_n28A-n79A  DC\_n28A-n257A  DC\_n28A-n257G  DC\_n28A-n257H  DC\_n28A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n3A-n77A-n79A-n257A  DC\_n3A-n77A-n79A-n257G  DC\_n3A-n77A-n79A-n257H  DC\_n3A-n77A-n79A-n257I | DC\_n3A-n257A  DC\_n77A-n257A  DC\_n79A-n257A  DC\_n3A-n257G  DC\_n77A-n257G  DC\_n79A-n257G  DC\_n3A-n257H  DC\_n77A-n257H  DC\_n79A-n257H  DC\_n3A-n257I  DC\_n77A-n257I  DC\_n79A-n257I |
| DC\_n3A-n77(2A)-n79A-n257A  DC\_n3A-n77(2A)-n79A-n257G  DC\_n3A-n77(2A)-n79A-n257H  DC\_n3A-n77(2A)-n79A-n257I | DC\_n3A-n257A  DC\_n77A-n257A  DC\_n79A-n257A  DC\_n3A-n257G  DC\_n77A-n257G  DC\_n79A-n257G  DC\_n3A-n257H  DC\_n77A-n257H  DC\_n79A-n257H  DC\_n3A-n257I  DC\_n77A-n257I  DC\_n79A-n257I |
| DC\_n28A-n77A-n79A-n257A  DC\_n28A-n77A-n79A-n257G  DC\_n28A-n77A-n79A-n257H  DC\_n28A-n77A-n79A-n257I | DC\_n28A-n77A  DC\_n28A-n79A  DC\_n28A-n257A  DC\_n28A-n257G  DC\_n28A-n257H  DC\_n28A-n257I  DC\_n77A-n79A  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n28A-n77(2A)-n79A-n257A  DC\_n28A-n77(2A)-n79A-n257G  DC\_n28A-n77(2A)-n79A-n257H  DC\_n28A-n77(2A)-n79A-n257I | DC\_n28A-n77A  DC\_n28A-n79A  DC\_n28A-n257A  DC\_n28A-n257G  DC\_n28A-n257H  DC\_n28A-n257I  DC\_n77A-n79A  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n28A-n78A-n79A-n257A  DC\_n28A-n78A-n79A-n257G  DC\_n28A-n78A-n79A-n257H  DC\_n28A-n78A-n79A-n257I | DC\_n28A-n257A  DC\_n28A-n257G  DC\_n28A-n257H  DC\_n28A-n257I  DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |

## 5.5C Void

## 5.5D Void

## 5.5E Configuration for V2X operation

### 5.5E.1 General

The operating bands and bandwidth classes are specified for V2X operation.

### 5.5E.2 Intra-band contiguous V2X operation in FR1

Table 5.5E.2-1: Intra-band contiguous V2X configurations

|  |  |
| --- | --- |
| V2X  configuration | SL transmission |
| V2X\_(n)47AA | E-UTRA Band 47 or NR band n47 |
| NOTE 1: Only single switched SL is supported. | |

### 5.5E.3 Intra-band non-contiguous V2X operation in FR1

Table 5.5E.3-1: Intra-band non-contiguous V2X configurations

|  |  |
| --- | --- |
| V2X  configuration | SL transmission |
| V2X\_47A\_n47A | E-UTRA Band 47 or NR band n47 |
| NOTE 1: Only single switched SL is supported. | |

### 5.5E.4 Inter-band V2X operation in FR1

#### 5.5E.4.1 Inter-band V2X configurations within FR1 (two bands)

**Table 5.5E.4.1-1: Inter-band V2X configurations**

|  |  |
| --- | --- |
| **V2X**  **configuration** | **V2X transmission configuration** |
| V2X\_1A\_n47A | V2X\_1A\_n47A |
| V2X\_n1A\_47A | V2X\_n1A\_47A |
| V2X\_5A\_n47A | V2X\_5A\_n47A |
| V2X\_n5A\_47A | V2X\_n5A\_47A |
| V2X\_8A\_n47A | V2X\_8A\_n47A |
| V2X\_n8A\_47A | V2X\_n8A\_47A |
| V2X\_3A\_n47A | V2X\_3A\_n47A |
| V2X\_20A\_n38A | V2X\_20A\_n38A |
| V2X\_n39A\_47A | V2X\_n39A\_47A |
| V2X\_39A\_n47A | V2X\_39A\_n47A |
| V2X\_n40A\_47A | V2X\_n40A\_47A |
| V2X\_40A\_n47A | V2X\_40A\_n47A |
| V2X\_n71A\_47A | V2X\_n71A\_47A |
| V2X\_n78A\_47A | V2X\_n78A\_47A |
| V2X\_n79A\_47A | V2X\_n79A\_47A |
| NOTE 1: V2X transmission configurations are the configurations supported by the present release of specifications. | |