**3GPP TSG-RAN WG4 Meeting #100-e R4-2113561**

**Electronic Meeting, 16 August – 27 August 2021**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **0629** | **rev** |  | **Current version:** | **17.2.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

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|  | | | | | | | | | | |
| ***Title:*** | CR to add EN-DC PC2 band combinations with more than 2 bands | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | ENDC\_PC2\_R17\_xLTE\_yNR | | | | |  | ***Date:*** | | | 2021-08-30 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***Release:*** | | | Rel-17 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Adding approved EN-DC PC2 band combinations with more than 2 bands | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Adding new combinations:  DC\_2\_n2-n77  DC\_5\_n2-n77  DC\_5\_n5-n77  DC\_5\_n66-n77  DC\_13\_n5-n77  DC\_48-66\_n77  Adding missing MSD to existing combinations:  DC\_1-5\_n78  DC\_1-7\_n78  DC\_2\_n66-n77  DC\_66\_n66-n77  Adding new configurations:  DC\_2A-48C\_n77A  DC\_2A-48D\_n77A  DC\_5A-66A-66A\_n77A  DC\_66A-66A\_n2A-n77A  Add missing note for:  DC\_2A-2A-5A\_n77A  DC\_2A-2A-66A\_n77A  DC\_2A-66A-66A\_n77A  DC\_2A-2A-66A-66A\_n77A  DC\_2A\_n66A-n77A  DC\_2A-2A\_n66A-n77A  Editorial:  Move DC\_2A-2A-5A\_n77A to correct place in table | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Approved EN-DC PC2 band combinations with more than 2 bands are not added | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5, 7.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521-3 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

---Start of changes---

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-3A\_n5A  DC\_1A-3C\_n5A | DC\_1A\_n5A  DC\_3A\_n5A  DC\_3C\_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-3A-3A\_n7A DC\_1A-3A-3A\_n7B  DC\_1A-1A-3A-3A\_n7A | DC\_1A\_n7A  DC\_3A\_n7A  DC\_3C\_n7A |
| DC\_1A-3A\_n8A | DC\_1A\_n8A  DC\_3A\_n8A |
| DC\_1A-3A\_n28A  DC\_1A-3C\_n28A  DC\_1A-1A-3A\_n28A  DC\_1A-1A-3C\_n28A | DC\_1A\_n28A  DC\_3A\_n28A  DC\_3C\_n28A |
| DC\_1A\_n3A-n28A | DC\_1A\_n3A  DC\_1A\_n28A |
| DC\_1A-3A\_n38A | DC\_1A\_n38A  DC\_3A\_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-n41A | 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) | DC\_1A\_n77A  DC\_3A\_n77A  DC\_3C\_n77A |
| DC\_1A-3A\_n78A5  DC\_1A-3A\_n78C5  DC\_1A-3C\_n78A5 | DC\_1A\_n78A  DC\_3A\_n78A |
| DC\_1A-3A\_n78(2A)5  DC\_1A-3C\_n78(2A)5  DC\_1A-1A-3A\_n78A  DC\_1A-1A-3C\_n78A | DC\_1A\_n78A  DC\_3A\_n78A  DC\_3C\_n78A |
| DC\_1A\_n3A-n77A | DC\_1A\_n3A  DC\_1A\_n77A |
| DC\_1A\_n3A-n77(2A) | DC\_1A\_n3A  DC\_1A\_n77A |
| DC\_1A\_n3A-n78A5 | DC\_1A\_n3A  DC\_1A\_n78A |
| DC\_1A-3A\_n79A5  DC\_1A-3A\_n79C5 | DC\_1A\_n79A  DC\_3A\_n79A |
| DC\_1A-5A\_n78A5  DC\_1A-5A\_n78C5  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\_n28A  DC\_1A-1A-7A\_n28A | DC\_1A\_n28A  DC\_7A\_n28A  DC\_7C\_n28A |
| DC\_1A-7A\_n40A | DC\_1A\_n40A  DC\_7A\_n40A |
| DC\_1A-7A\_n78A5  DC\_1A-7C\_n78A  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-7A-7A\_n78A5  DC\_1A-7A-7A\_n78C5 | DC\_1A\_n78A  DC\_7A\_n78A |
| DC\_1A\_n7A-n78A  DC\_1A\_n7B-n78A | 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\_n8A-n40A | DC\_1A\_n8A  DC\_1A\_n40A |
| DC\_1A-8A\_n77A5 | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n77(2A)5 | DC\_1A\_n77A  DC\_8A\_n77A |
| DC\_1A-8A\_n78A5  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\_n41A | 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\_n78A5 | DC\_1A\_n78A  DC\_11A\_n78A |
| 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-18A\_n77(2A)5 | DC\_1A\_n77A  DC\_18A\_n77A |
| DC\_1A-18A\_n78A5  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-19A\_n77(2A)5 | DC\_1A\_n77A  DC\_19A\_n77A |
| DC\_1A-19A\_n78A5  DC\_1A-19A\_n78C5  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\_n8A | DC\_1A\_n8A  DC\_20A\_n8A |
| DC\_1A-20A\_n28A6 | 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-21A\_n28A13 | DC\_1A\_n28A  DC\_21A\_n28A |
| DC\_1A-21A\_n77A5  DC\_1A-21A\_n77C5  DC\_1A-21A\_n77(2A)5 | DC\_1A\_n77A  DC\_21A\_n77A |
| DC\_1A-21A\_n78A5  DC\_1A-21A\_n78C5  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-n41A | DC\_1A\_n28A  DC\_1A\_n41A |
| DC\_1A-28A\_n77A5  DC\_1A-28A\_n77C5 | DC\_1A\_n77A  DC\_28A\_n77A |
| DC\_1A-28A\_n78A5  DC\_1A-28A\_n78C5  DC\_1A-1A-28A\_n78A | DC\_1A\_n78A  DC\_28A\_n78A |
| DC\_1A\_n28A-n77A5  DC\_1A\_n28A-n77(2A)5 | DC\_1A\_n28A  DC\_1A\_n77A |
| DC\_1A\_n28A-n78A5 | DC\_1A\_n28A  DC\_1A\_n78A |
| DC\_1A-28A\_n79A5  DC\_1A-28A\_n79C5 | DC\_1A\_n79A  DC\_28A\_n79A |
| DC\_1A\_n28A-n79A | DC\_1A\_n28A  DC\_1A\_n79A |
| DC\_1A-32A\_n3A | DC\_1A\_n3A |
| DC\_1A-32A\_n28A | DC\_1A\_n28A |
| DC\_1A-32A\_n78A  DC\_1A-32A\_n78C  DC\_1A-32A\_n78(2A) | DC\_1A\_n78A |
| DC\_1A-38A\_n28A | DC\_1A\_n28A  DC\_38A\_n28A |
| DC\_1A-(n)38AA | DC\_1A\_n38A |
| DC\_1A-40A\_n78A  DC\_1A-40A\_n78(2A)  DC\_1A-40C\_n78A  DC\_1A-40C\_n78(2A) | DC\_1A\_n78A  DC\_40A\_n78A |
| DC\_1A\_n40A-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-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-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\_n3A | DC\_1A\_n3A  DC\_42A\_n3A |
| DC\_1A-42C\_n3A | 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\_n77A  DC\_1A-42A\_n77C  DC\_1A-42C\_n77A  DC\_1A-42C\_n77C  DC\_1A-42D\_n77A  DC\_1A-42D\_n77C  DC\_1A-42E\_n77A  DC\_1A-42E\_n77C | DC\_1A\_n77A |
| DC\_1A-42A\_n77(2A)  DC\_1A-42C\_n77(2A) | DC\_1A\_n77A |
| DC\_1A-42A\_n78A  DC\_1A-42A\_n78C  DC\_1A-42C\_n78A  DC\_1A-42C\_n78C  DC\_1A-42D\_n78A  DC\_1A-42D\_n78C  DC\_1A-42E\_n78A  DC\_1A-42E\_n78C | 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\_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-n77A | DC\_2A\_n77A |
| 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-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-5A\_n7A | DC\_2A\_n7A  DC\_5A\_n7A |
| DC\_2A-5A\_n12A | DC\_2A\_n12A DC\_5A\_n12A |
| 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-2A-5A\_n77A14 | DC\_2A\_n77A14  DC\_5A\_n77A14 |
| DC\_2A-5A\_n78A  DC\_2A-5A\_n78(2A) | DC\_2A\_n78A  DC\_5A\_n78A |
| DC\_2A-7A\_n5A  DC\_2A-7C\_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\_n28A | DC\_2A\_n28A  DC\_7A\_n28A |
| DC\_2A\_n5A-n77A14 | 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-2A-7C\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A-7A-7A\_n66A  DC\_2A-2A-7A\_n66A  DC\_2A-2A-7A-7A\_n66A | DC\_2A\_n66A  DC\_7A\_n66A |
| DC\_2A\_n7A-n66A  DC\_2A\_n7(2A)-n66A | DC\_2A\_n7A  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-7A-7A\_n77A  DC\_2A-7A\_n77(2A)  DC\_2A-7C\_n77(2A)  DC\_2A-7A-7A\_n77(2A) | DC\_2A\_n77A  DC\_7A\_n77A |
| DC\_2A-7A\_n78A  DC\_2A-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-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-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\_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-13A\_n2A | DC\_13A\_n2A |
| DC\_2A-12A\_n78A  DC\_2A-2A-12A\_78A  DC\_2A-12A\_n78(2A) | DC\_2A\_n78A  DC\_12A\_n78A |
| DC\_2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-2A-13A\_n5A | DC\_2A\_n5A |
| DC\_2A-13A\_n25A15, 16 | 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-2A-13A\_n77A | DC\_2A\_n77A14  DC\_13A\_n77A14 |
| DC\_2A-14A\_n2A | DC\_2A\_n2A2  DC\_14A\_n2A |
| DC\_2A-14A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A |
| DC\_2A-2A-14A\_n66A | DC\_2A\_n66A  DC\_14A\_n66A |
| DC\_2A-28A\_n7A | DC\_2A\_n7A DC\_28A\_n7A |
| DC\_2A-28A\_n66A | DC\_2A\_n66A  DC\_28A\_n66A |
| DC\_2A-29A\_n66A | DC\_2A\_n66A |
| DC\_2A-2A-29A\_n66A | DC\_2A\_n66A |
| 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\_n38A-n66A | DC\_2A\_n38A  DC\_2A\_n66A |
| DC\_2A\_n38A-n71A | DC\_2A\_n38A  DC\_2A\_n71A |
| 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\_n5A3  DC\_2A-46C\_n5A3  DC\_2A-46D\_n5A3  DC\_2A-46E\_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-48A\_n5A | DC\_2A\_n5A  DC\_48A\_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\_n66A  DC\_48A\_n66A |
| DC\_2A-48A\_n77A  DC\_2A-48A-48A\_n77A  DC\_2A-48A-48A-48A\_n77A | DC\_2A\_n77A  DC\_48A\_n77A |
| DC\_2A-48C\_n77A  DC\_2A-48D\_n77A | DC\_2A\_n77A |
| DC\_2A-66A\_n2A | DC\_2A\_n2A2  DC\_66A\_n2A |
| DC\_2A-66A\_n5A  DC\_2A-66B\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-2A-66A\_n5A  DC\_2A-66A-66A\_n5A  DC\_2A-2A-66A-66A\_n5A  DC\_2A-66A-66A-66A\_n5A | DC\_2A\_n5A  DC\_66A\_n5A |
| DC\_2A-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\_n25A15 16 | DC\_66A\_n25A |
| DC\_2A-66A\_n28A | DC\_2A\_n28A  DC\_66A\_n28A |
| DC\_2A-66A\_n38A | DC\_2A\_n38A  DC\_66A\_n38A |
| DC\_2A-2A-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-2A-66A\_n41A  DC\_2A-66A\_n41(2A) | 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-66A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A2 |
| DC\_2A-2A-66A\_n66A | DC\_2A\_n66A  DC\_66A\_n66A2 |
| 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-66A-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-2A-66A\_n77A14  DC\_2A-66A-66A\_n77A14  DC\_2A-2A-66A-66A\_n77A14 | DC\_2A\_n77A14  DC\_66A\_n77A14 |
| DC\_2A\_n66A-n77A14  DC\_2A-2A\_n66A-n77A14 | DC\_2A\_n77A |
| DC\_2A-66A\_n78A  DC\_2A-66A\_n78(2A) | DC\_2A\_n78A  DC\_66A\_n78A |
| DC\_2A\_n66A-n78A  DC\_2A\_n66A-n78(2A)  DC\_2A\_n66(2A)-n78A  DC\_2A\_n66(2A)-n78(2A) | DC\_2A\_n66A  DC\_2A\_n78A |
| DC\_2A-66A-66A\_n78A  DC\_2A-66A-66A\_n78(2A) | DC\_2A\_n78A  DC\_66A\_n78A |
| 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-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\_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-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\_3C\_n28A |
| DC\_3A\_n1A-n40A | DC\_3A\_n1A  DC\_3A\_n40A |
| 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-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-5A\_n78A5  DC\_3C-5A\_n78A  DC\_3A-5A\_n78C5 | DC\_3A\_n78A  DC\_5A\_n78A |
| DC\_3A\_n5A-n78A5  DC\_3C\_n5A-n78A5 | DC\_3A\_n5A  DC\_3A\_n78A  DC\_3C\_n5A  DC\_3C\_n78A |
| 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-7A-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\_3C\_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-3A-7A\_n8A  DC\_3A-7A-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-7A-7A\_n77A5  DC\_3A-3A-7A-7A\_n77A5 | DC\_3A\_n77A  DC\_7A\_n77A |
| DC\_3A-7A\_n78A5  DC\_3C-7A\_n78A5  DC\_3A-7C\_n78A5  DC\_3C-7C\_n78A5  DC\_3A-7A\_n78C5 | DC\_3A\_n78A  DC\_3C\_n78A  DC\_7A\_n78A  DC\_7C\_n78A |
| 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  DC\_3A-7A-7A\_n78A5  DC\_3A-3A-7A-7A\_n78A5  DC\_3A-7A-7A\_n78C5 | DC\_3A\_n78A  DC\_7A\_n78A |
| 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\_3A-3A\_n7A-n78A5  DC\_3A-3A\_n7B-n78A5 | DC\_3A\_n7A  DC\_3A\_n7B  DC\_3A\_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\_n8A-n40A | DC\_3A\_n8A  DC\_3A\_n40A |
| DC\_3A-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\_n77ADC\_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\_n78A5  DC\_3A-8A\_n78(2A)  DC\_3C-8A\_n78A5 | DC\_3A\_n78A  DC\_8A\_n78A |
| DC\_3A-3A-8A\_n78A5 | DC\_3A\_n78A  DC\_8A\_n78A |
| 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\_n77A | DC\_3A\_n77A  DC\_11A\_n77A |
| DC\_3A-11A\_n77(2A) | 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-18A\_n77(2A) | DC\_3A\_n77A  DC\_18A\_n77A |
| DC\_3A-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-19A\_n77(2A)5 | DC\_3A\_n77A  DC\_19A\_n77A |
| DC\_3A-19A\_n78A5  DC\_3A-19A\_n78C5  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 |
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| DC\_3A-20A\_n8A | DC\_3A\_n8A  DC\_20A\_n8A |
| DC\_3A-20A\_n28A5,6  DC\_3C-20A\_n28A | DC\_3A\_n28A  DC\_3C\_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-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\_n28A | DC\_3A\_n28A  DC\_21A\_n28A |
| DC\_3A-21A\_n77A5  DC\_3A-21A\_n77C5  DC\_3A-21A\_n77(2A)5 | DC\_3A\_n77A  DC\_21A\_n77A |
| DC\_3A-21A\_n78A5  DC\_3A-21A\_n78C5  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 |
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| 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-n41A | DC\_3A\_n28A  DC\_3A\_n41A |
| DC\_3A-28A\_n41A5 | DC\_3A\_n41A  DC\_28A\_n41A |
| DC\_3A-28A\_n77A5  DC\_3A-28A\_n77C5 | DC\_3A\_n77A  DC\_28A\_n77A |
| DC\_3A-28A\_n77(2A5) | 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  DC\_3C-28A\_n78A5  DC\_3A-28A\_n78C5 | DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3A-3A-28A\_n78A | DC\_3A\_n78A  DC\_28A\_n78A |
| DC\_3A\_n28A-n78A5  DC\_3C\_n28A-n78A5 | DC\_3A\_n28A  DC\_3A\_n78A  DC\_3C\_n28A |
| DC\_3A-28A\_n79A5  DC\_3A-28A\_n79C5 | DC\_3A\_n79A  DC\_28A\_n79A |
| DC\_3A\_n28A-n79A | DC\_3A\_n28A  DC\_3A\_n79A |
| DC\_3A-32A\_n1A | DC\_3A\_n1A |
| DC\_3A-32A\_n78A  DC\_3A-32A\_n78C  DC\_3A-32A\_n78(2A) | DC\_3A\_n78A |
| DC\_3A-38A\_n28A  DC\_3C-38A\_n28A | DC\_3A\_n28A  DC\_38A\_n28A |
| DC\_3A-38A\_n78A | DC\_3A\_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-40A\_n78(2A)  DC\_3A-40C\_n78A  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-41A\_n78(2A)  DC\_3A-41C\_n78(2A) | DC\_3A\_n78A  DC\_41A\_n78A  DC\_41C\_n78A |
| DC\_3A-42A\_n1A  DC\_3A-42C\_n1A | 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-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\_n77A  DC\_3A-42A\_n77C  DC\_3A-42C\_n77A  DC\_3A-42C\_n77C  DC\_3A-42D\_n77A  DC\_3A-42D\_n77C  DC\_3A-42E\_n77A  DC\_3A-42E\_n77C | DC\_3A\_n77A |
| DC\_3A-42A\_n77(2A)  DC\_3A-42C\_n77(2A) | DC\_3A\_n77A |
| DC\_3A-42A\_n78A  DC\_3A-42A\_n78C  DC\_3A-42C\_n78A  DC\_3A-42C\_n78C  DC\_3A-42D\_n78A  DC\_3A-42D\_n78C  DC\_3A-42E\_n78A  DC\_3A-42E\_n78C | 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  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\_n2A-n77A | DC\_5A\_n77A |
| DC\_5A\_n5A-n77A | DC\_5A\_n77A |
| DC\_5A-7A\_n7A | DC\_5A\_n7A DC\_7A\_n7A2 |
| DC\_5A-7A\_n66A  DC\_5A-7C\_n66A  DC\_5A-7A-7A\_n66A | DC\_5A\_n66A  DC\_7A\_n66A |
| DC\_5A-7A\_n71A | DC\_5A\_n71A  DC\_7A\_n71A |
| DC\_5A-7A\_n78A  DC\_5A-7A\_n78C | 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-(n)12AA | DC\_5A\_n12A  DC\_(n)12AA2 |
| DC\_5A-30A\_n2A | DC\_5A\_n2A  DC\_30A\_n2A |
| DC\_5A-30A\_n66A | DC\_5A\_n66A  DC\_30A\_n66A |
| 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\_n12A | DC\_5A\_n12A  DC\_48A\_n12A |
| DC\_5A-48A\_n71A | DC\_5A\_n71A  DC\_48A\_n71A |
| DC\_5A-66A\_n2A  DC\_5B-66A\_n2A | DC\_5A\_n2A |
| DC\_5A-5A-66A\_n2A  DC\_5A-66A-66A\_n2A  DC\_5B-66A-66A\_n2A  DC\_5A-5A-66A-66A\_n2A | DC\_5A\_n2A |
| DC\_5A-66A\_n5A | DC\_66A\_n5A |
| DC\_5A-66A-66A\_n5A | DC\_66A\_n5A |
| DC\_5A-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\_n48A  DC\_5A-66A\_n48B  DC\_5A-66A-66A\_n48A  DC\_5A-66A-66A\_n48B | DC\_5A\_n48A  DC\_66A\_n48A |
| DC\_5A-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-5A-66A\_n66A  DC\_5B-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-5A-66A-66A\_n66A  DC\_5A-66A-66A\_n66A  DC\_5B-66A-66A\_n66A | DC\_5A\_n66A |
| DC\_5A-66A\_n71A | DC\_5A\_n71A  DC\_66A\_n71A |
| DC\_5A-66A\_n77A14  DC\_5A-66A-66A\_n77A14 | DC\_5A\_n77A14  DC\_66A\_n77A14 |
| DC\_5A\_n66A-n77A | DC\_5A\_n77A |
| DC\_5A-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-13A\_n2A | DC\_5A\_n2A  DC\_13A\_n2A |
| DC\_5A-13A\_n66A | DC\_5A\_n66A  DC\_13A\_n66A |
| DC\_7A\_n1A-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-n78A  DC\_7C\_n5A-n78A | DC\_7A\_n5A  DC\_7C\_n5A  DC\_7A\_n78A  DC\_7C\_n78A |
| 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  DC\_7A-8A\_n78(2A) | DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_7A-7A-8A\_n78A5 | DC\_7A\_n78A  DC\_8A\_n78A |
| DC\_7A\_n8A-n78A5 | DC\_7A\_n8A  DC\_7A\_n78A |
| DC\_7A-12A\_n66A | DC\_7A\_n66A  DC\_12A\_n66A |
| DC\_7A-12A\_n78A | DC\_7A\_n78A  DC\_12A\_n78A |
| DC\_7A-13A\_n25A  DC\_7A-7A-13A\_n25A  DC\_7C-13A\_n25A | DC\_7A\_n25A  DC\_13A\_n25A |
| DC\_7A-13A\_n66A  DC\_7A-7A-13A\_n66A  DC\_7C-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 |
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| DC\_7A-20A\_n8A | DC\_7A\_n8A  DC\_20A\_n8A |
| DC\_7A-20A\_n28A6 | DC\_7A\_n28A  DC\_20A\_n28A |
| DC\_7A-20A\_n78A5 | 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\_7A-7A-25A\_n77A  DC\_7C-25A\_n77A  DC\_7C-25A-25A\_n77A  DC\_7A-25A-25A\_n77A  DC\_7A-7A-25A-25A\_n77A | DC\_7A\_n77A  DC\_25A\_n77A |
| DC\_7A-25A\_n78A  DC\_7A-7A-25A\_n78A  DC\_7C-25A\_n78A  DC\_7A-25A-25A\_n78A  DC\_7A-7A-25A-25A\_n78A  DC\_7C-25A-25A\_n78A | DC\_7A\_n78A  DC\_25A\_n78A |
| DC\_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  DC\_7C-28A\_n78A5 | DC\_7A\_n78A  DC\_7C\_n78A  DC\_28A\_n78A |
| DC\_7A\_n28A-n78A5  DC\_7C\_n28A-n78A | DC\_7A\_n28A  DC\_7A\_n78A  DC\_7C\_n28A  DC\_7C\_n78A |
| DC\_7A-29A\_n78A  DC\_7C-29A\_n78A  DC\_7A-7A-29A\_n78A | DC\_7A\_n78A |
| DC\_7A-32A\_n1A | DC\_7A\_n1A |
| 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-40A\_n78(2A)  DC\_7A-40C\_n78A  DC\_7A-40C\_n78(2A) | DC\_7A\_n78A  DC\_40A\_n78A |
| DC\_7A\_n40A-n78A | DC\_7A\_n40A  DC\_7A\_n78A |
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| 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-66A-66A\_n7A | DC\_7A\_n7A2  DC\_66A\_n7A |
| DC\_7A-66A\_n25A  DC\_7A-7A-66A\_n25A  DC\_7C-66A\_n25A | DC\_7A\_n25A  DC\_66A\_n25A |
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| DC\_7A-66A\_n38A | 66A9 |
| DC\_7A-66A\_n66A  DC\_7C-66A\_n66A  DC\_7A-7A-66A\_n66A  DC\_7A-66A-66A\_n66A  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\_7A-7A-66A\_n77A  DC\_7A-7A-66A\_n77(2A)  DC\_7A-66A\_n77(2A)  DC\_7C-66A\_n77A  DC\_7C-66A\_n77(2A) | DC\_7A\_n77A  DC\_66A\_n77A |
| DC\_7A\_n66A-n78A  DC\_7A-7A\_n66A-n78A  DC\_7C\_n66A-n78A | DC\_7A\_n66A  DC\_7A\_n78A |
| DC\_7A-66A\_n78A  DC\_7C-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-7A-66A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-7A-66A-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-66A-66A\_n78(2A)  DC\_7C-66A-66A\_n78(2A) | DC\_7A\_n78A  DC\_66A\_n78A |
| DC\_7A-71A\_n66A | DC\_7A\_n66A  DC\_71A\_n66A |
| DC\_7A-71A\_n78A | DC\_7A\_n78A  DC\_71A\_n78A |
| DC\_7A\_n71A-n78A | DC\_7A\_n71A  DC\_7A\_n78A |
| DC\_7A\_SUL\_n78A-n80A | DC\_7A\_n78A  DC\_7A\_n80A |
| DC\_8A\_n1A-n78A5 | DC\_8A\_n1A  DC\_8A\_n78A |
| DC\_8A\_n3A-n28A | DC\_8A\_n3A  DC\_8A\_n28A |
| DC\_8A\_n3A-n77A | DC\_8A\_n3A  DC\_8A\_n77A |
| DC\_8A\_n3A-n77(2A) | DC\_8A\_n3A  DC\_8A\_n77A |
| 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\_n78A5 | DC\_8A\_n78A  DC\_11A\_n78A |
| DC\_8A-20A\_n1A | DC\_8A\_n1A  DC\_20A\_n1A |
| DC\_8A-20A\_n3A | DC\_8A\_n3A  DC\_20A\_n3A |
| DC\_8A-20A\_n78A | DC\_8A\_n78A  DC\_20A\_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-n78A | DC\_8A\_n28A  DC\_8A\_n78A |
| DC\_8A-32A\_n1A | DC\_8A\_n1A |
| DC\_8A\_n39A-n40A | DC\_8A\_n39A  DC\_8A\_n40A |
| 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-40A\_n78(2A)  DC\_8A-40C\_n78A  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\_n41A-n79A5 | DC\_8A\_n41A  DC\_8A\_n79A |
| DC\_8A-42A\_n3A | DC\_8A\_n3A  DC\_42A\_n3A |
| DC\_8A-42C\_n3A | 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\_n77A  DC\_8A-42C\_n77A | DC\_8A\_n77A |
| DC\_8A-42A\_n77(2A)  DC\_8A-42C\_n77(2A) | DC\_8A\_n77A |
| DC\_8A\_SUL\_n41A-n81A | DC\_8A\_n41A,  DC\_8A\_n81A\_ULSUP-TDM\_n41A |
| 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\_n3A-n28A | DC\_11A\_n3A  DC\_11A\_n28A |
| DC\_11A\_n3A-n77A  DC\_11A\_n3A-n77(2A) | DC\_11A\_n3A  DC\_11A\_n77A |
| DC\_11A-18A\_n77A | DC\_11A\_n77A  DC\_18A\_n77A |
| DC\_11A-18A\_n78A | DC\_11A\_n78A  DC\_18A\_n78A |
| DC\_11A\_n28A-n77A  DC\_11A\_n28A-n77(2A) | DC\_11A\_n28A  DC\_11A\_n77A |
| DC\_12A\_n2A-n38A | DC\_12A\_n2A  DC\_12A\_n38A |
| DC\_12A\_n2A-n41A | DC\_12A\_n2A  DC\_12A\_n41A |
| DC\_12A-(n)5AA | DC\_12A\_n5A  DC\_(n)5AA2 |
| DC\_12A\_n7A-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\_n66A | DC\_12A\_n66A  DC\_30A\_n66A |
| 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\_n25A | DC\_12A\_n25A  DC\_66A\_n25A |
| DC\_12A-66A\_n41A | DC\_12A\_n41A  DC\_66A\_n41A |
| DC\_12A-66A\_n66A | DC\_12A\_n66A  DC\_66A\_n66A2 |
| DC\_12A-66A\_n78A | DC\_12A\_n78A  DC\_66A\_n78A |
| DC\_13A\_n2A-n77A14 | DC\_13A\_n2A  DC\_13A\_n77A14 |
| DC\_13A\_n5A-n48A | DC\_13A\_n48A |
| DC\_13A\_n5A-n77A | DC\_13A\_n77A |
| DC\_13A\_n25A-n66A | DC\_13A\_n25A DC\_13A\_n66A |
| DC\_13A-46A\_n5A | DC\_13A\_n5A |
| DC\_13A-46A\_n66A3 | DC\_13A\_n66A |
| DC\_13A-46A\_n77A | DC\_13A\_n77A |
| DC\_13A\_n48A-n66A | DC\_13A\_n48A  DC\_13A\_n66A |
| DC\_13A-66A\_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\_n66A |
| DC\_13A-66A-66A\_n66A | DC\_13A\_n66A |
| DC\_13A-66A\_n77A14  DC\_13A-66A-66A\_n77A | DC\_13A\_n77A14  DC\_66A\_n77A14 |
| DC\_13A\_n66A-n77A14 | 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\_14A-30A\_n2A | DC\_14A\_n2A  DC\_30A\_n2A |
| DC\_14A-30A\_n66A | DC\_14A\_n66A  DC\_30A\_n66A |
| DC\_14A-66A\_n2A | DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_14A-66A-66A\_n2A | DC\_14A\_n2A  DC\_66A\_n2A |
| DC\_14A-66A\_n66A | DC\_14A\_n66A  DC\_66A\_n66A2 |
| 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-28A\_n78A5 | DC\_18A\_n78A  DC\_28A\_n78A |
| DC\_18A\_n28A-n78A5 | 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-42A\_n77A  DC\_18A-42C\_n77A | DC\_18A\_n77A |
| DC\_18A\_n41A-n78A | DC\_18A\_n41A  DC\_18A\_n78A |
| DC\_18A-42A\_n78A  DC\_18A-42C\_n78A | 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-n77A | DC\_19A\_n1A  DC\_19A\_n77A |
| DC\_19A\_n1A-n78A | DC\_19A\_n1A  DC\_19A\_n78A |
| DC\_19A\_n1A-n79A | DC\_19A\_n1A  DC\_19A\_n79A |
| DC\_19A-21A\_n77A5  DC\_19A-21A\_n77C5  DC\_19A-21A\_n77(2A)5 | DC\_19A\_n77A  DC\_21A\_n77A |
| DC\_19A-21A\_n78A5  DC\_19A-21A\_n78C5  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\_n1A10,12  DC\_19A-42C\_n1A10,12 | DC\_19A\_n1A  DC\_42A\_n1A |
| DC\_19A-42A\_n77A  DC\_19A-42A\_n77C  DC\_19A-42C\_n77A  DC\_19A-42C\_n77C  DC\_19A-42D\_n77A  DC\_19A-42D\_n77C | DC\_19A\_n77A |
| DC\_19A-42A\_n78A  DC\_19A-42A\_n78C  DC\_19A-42C\_n78A  DC\_19A-42C\_n78C  DC\_19A-42D\_n78A  DC\_19A-42D\_n78C | 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-n28A | DC\_20A\_n1A  DC\_20A\_n28A |
| DC\_20A\_n1A-n78A | DC\_20A\_n1A  DC\_20A\_n78A |
| DC\_20A\_n3A-n78A | DC\_20A\_n3A  DC\_20A\_n78A |
| DC\_20A\_n7A-n28A5,6 | DC\_20A\_n7A  DC\_20A\_n28A |
| DC\_20A\_n8A-n75A6 | 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\_n28A-n75A6 | DC\_20A\_n28A |
| DC\_20A\_n28A-n78A5,6 | DC\_20A\_n28A  DC\_20A\_n78A |
| DC\_20A-32A\_n1A | DC\_20A\_n1A |
| DC\_20A-32A\_n3A | DC\_20A\_n3A |
| DC\_20A-32A\_n28A | DC\_20A\_n28A |
| DC\_20A-32A\_n78A  DC\_20A-32A\_n78C  DC\_20A-32A\_n78(2A) | DC\_20A\_n78A |
| DC\_20A-(n)38AA | DC\_20A\_n38A |
| DC\_20A-38A\_n78A | DC\_20A\_n78A  DC\_38A\_n78A |
| DC\_20A-40A\_n1A  DC\_20A-40C\_n1A | DC\_20A\_n1A  DC\_40A\_n1A |
| DC\_20A-40A\_n78A | DC\_20A\_n78A  DC\_40A\_n78A |
| 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-n77A | DC\_21A\_n1A  DC\_21A\_n77A |
| DC\_21A\_n1A-n78A | DC\_21A\_n1A  DC\_21A\_n78A |
| DC\_21A\_n1A-n79A | DC\_21A\_n1A  DC\_21A\_n79A |
| DC\_21A-28A\_n77A  DC\_21A-28A\_n77C | DC\_21A\_n77A  DC\_28A\_n77A |
| DC\_21A\_n28A-n77A | DC\_21A\_n28A  DC\_21A\_n77A |
| DC\_21A-28A\_n78A  DC\_21A-28A\_n78C | DC\_21A\_n78A  DC\_28A\_n78A |
| DC\_21A\_n28A-n78A | DC\_21A\_n28A  DC\_21A\_n78A |
| DC\_21A-28A\_n79A  DC\_21A-28A\_n79C | DC\_21A\_n79A  DC\_28A\_n79A |
| DC\_21A\_n28A-n79A | DC\_21A\_n28A  DC\_21A\_n79A |
| DC\_21A-42A\_n1A10,12  DC\_21A-42C\_n1A10,12 | DC\_21A\_n1A  DC\_42A\_n1A |
| DC\_21A-42A\_n77A  DC\_21A-42A\_n77C  DC\_21A-42C\_n77A  DC\_21A-42C\_n77C  DC\_21A-42D\_n77A  DC\_21A-42D\_n77C  DC\_21A-42E\_n77A  DC\_21A-42E\_n77C | DC\_21A\_n77A |
| DC\_21A-42A\_n78A  DC\_21A-42A\_n78C  DC\_21A-42C\_n78A  DC\_21A-42C\_n78C  DC\_21A-42D\_n78A  DC\_21A-42D\_n78C  DC\_21A-42E\_n78A  DC\_21A-42E\_n78C | 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-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-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-25A-(n)41AA | DC\_25A\_n41A  DC\_(n)41AA |
| DC\_25A-(n)41CA  DC\_25A-(n)41DA  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-25A-66A\_n77A | DC\_25A\_n77A  DC\_66A\_n77A |
| DC\_25A-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-n78A | 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-n78A | 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\_n77A  DC\_28A-42A\_n77C  DC\_28A-42C\_n77A | DC\_28A\_n77A |
| DC\_28A-42A\_n78A  DC\_28A-42A\_n78C  DC\_28A-42C\_n78A | DC\_28A\_n78A |
| DC\_28A-42A\_n79A  DC\_28A-42A\_n79C  DC\_28A-42C\_n79A | 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-66A\_n2A | DC\_66A\_n2A |
| DC\_29A-66A-66A\_n2A | DC\_66A\_n2A |
| DC\_29A-66A\_n78A | DC\_66A\_n78A |
| 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 |
| DC\_30A-66A-66A\_n5A  DC\_30A-66A-66A-66A\_n5A | DC\_30A\_n5A  DC\_66A\_n5A |
| DC\_30A-66A\_n66A | DC\_30A\_n66A  DC\_66A\_n66A2 |
| 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 |
| DC\_40A\_n1A-n78A  DC\_40C\_n1A-n78A | DC\_40A\_n1A  DC\_40A\_n78A |
| DC\_40A\_n41A-n79A | DC\_40A\_n41A  DC\_40A\_n79A |
| 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 |
| DC\_41A\_n3A-n78A | DC\_41A\_n3A  DC\_41A\_n78A |
| DC\_41C\_n3A-n78A | DC\_41A\_n3A  DC\_41A\_n78A  DC\_41C\_n3A  DC\_41C\_n78A |
| DC\_41A\_n28A-n41A | DC\_41A\_n28A |
| 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 |
| DC\_(n)41AA-n78A  DC\_(n)41CA-n78A  DC\_(n)41DA-n78A | DC\_41A\_n78A |
| DC\_41A\_n41A-n77A | DC\_41A\_n77A |
| DC\_41A\_n41A-n78A | DC\_41A\_n78A |
| DC\_41A-42A\_n77A  DC\_41A-42C\_n77A  DC\_41C-42A\_n77A  DC\_41C-42C\_n77A | DC\_41A\_n77A |
| DC\_41A-42A\_n77(2A)  DC\_41A-42C\_n77(2A) | DC\_41A\_n77A |
| DC\_41A-42A\_n78A  DC\_41A-42C\_n78A  DC\_41C-42A\_n78A  DC\_41C-42C\_n78A | DC\_41A\_n78A |
| DC\_41A-42A\_n79A  DC\_41A-42C\_n79A  DC\_41C-42A\_n79A  DC\_41C-42C\_n79A | DC\_41A\_n79A |
| DC\_42A\_n1A-n77A  DC\_42C\_n1A-n77A | N/A |
| DC\_42A\_n1A-n78A  DC\_42C\_n1A-n78A | N/A |
| DC\_42A\_n1A-n79A  DC\_42C\_n1A-n79A | N/A |
| DC\_42A\_n3A-n28A | DC\_42A\_n3A  DC\_42A\_n28A |
| DC\_42C\_n3A-n28A | DC\_42A\_n3A  DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_42A\_n3A-n77A  DC\_42A\_n3A-n77(2A) | DC\_42A\_n3A |
| DC\_42C\_n3A-n77A  DC\_42C\_n3A-n77(2A) | DC\_42A\_n3A  DC\_42C\_n3A |
| DC\_42A\_n28A-n77A | DC\_42A\_n28A |
| DC\_42A\_n28A-n77(2A) | DC\_42A\_n28A |
| DC\_42C\_n28A-n77A | DC\_42A\_n28A  DC\_42C\_n28A |
| DC\_42C\_n28A-n77(2A) | DC\_42A\_n28A  DC\_42C\_n28A |
| 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 |
| DC\_46A-66A\_n5A  DC\_46C-66A\_n5A  DC\_46D-66A\_n5A  DC\_46E-66A\_n5A | DC\_66A\_n5A |
| 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 |
| DC\_46A-66A\_n71A  DC\_46C-66A\_n71A  DC\_46D-66A\_n71A | DC\_66A\_n71A |
| DC\_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\_n5A  DC\_48B-66A\_n5A  DC\_48C-66A\_n5A  DC\_48D-66A\_n5A  DC\_48E-66A\_n5A | DC\_66A\_n5A |
| DC\_48A-66A\_n12A | DC\_48A\_n12A  DC\_66A\_n12A |
| 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\_n71A | DC\_48A\_n71A  DC\_66A\_n71A |
| DC\_48A-66A\_n77A  DC\_48C-66A\_n77A | DC\_66A\_n77A |
| DC\_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-66A\_n2A-n77A14 | DC\_66A\_n2A  DC\_66A\_n77A14 |
| DC\_66A\_n5A-n48A | DC\_66A\_n5A  DC\_66A\_n48A |
| DC\_66A\_n5A-n77A14  DC\_66A-66A\_n5A-n77A14 | DC\_66A\_n5A  DC\_66A\_n77A14 |
| DC\_66A\_n7A-n78A  DC\_66A-66A\_n7A-n78A | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7(2A)-n78A  DC\_66A-66A\_n7(2A)-n78A | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7A-n78(2A)  DC\_66A-66A\_n7A-n78(2A) | DC\_66A\_n7A  DC\_66A\_n78A |
| DC\_66A\_n7(2A)-n78(2A)  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-n77A | DC\_66A\_n77A |
| 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\_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\_71A\_n78A  DC\_66A\_n78A |
| DC\_66A\_n71A-n78A | DC\_66A\_n71A  DC\_66A\_n78A |
| DC\_66A\_SUL\_n78A-n86A5  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: 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 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 contiguous or non-contiguous EN-DC apply for the Band 42 and Band n77/n78 combinations and for the Band 2 and Band n25 combinations.  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. | |

---Text omitted---

Table 7.3B.2.3.5.2-1a: MSD test points for PCell due to dual uplink operation for PC2 EN-DC in NR FR1 (three bands)

| NR or E-UTRA Band / Channel bandwidth / NRB / MSD | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| EN-DC Configuration | EUTRA / NR band | UL Fc  (MHz) | UL/DL BW  (MHz) | UL  LCRB | DL Fc (MHz) | MSD  (dB) | IMD order |
| DC\_1A-5A\_n78A | 1 | 1930 | 5 | 25 | 2120 | 19.2 | IMD4 |
| 5 | 844 | 5 | 25 | 889 | N/A | N/A |
| n78 | 3670 | 10 | 52 | 3670 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | N/A | N/A |
| 5 | 844 | 5 | 25 | 889 | 19.2 | IMD4 |
| n78 | 3421 | 10 | 52 | 3421 | N/A | N/A |
| 1 | 1932 | 5 | 25 | 2122 | 27.0 | IMD3 |
| 5 | 829 | 5 | 25 | 874 | N/A | N/A |
| n78 | 3780 | 10 | 52 | 3780 | N/A | N/A |
| 1 | 1975 | 5 | 25 | 2165 | N/A | N/A |
| 5 | 840 | 5 | 25 | 885 | 13.2 | IMD5 |
| n78 | 3405 | 10 | 52 | 3405 | N/A | N/A |
| DC\_1A-7A\_n78A | 1 | 1930 | 5 | 25 | 2120 | 19.2 | IMD4 |
| 7 | 2550 | 5 | 25 | 2670 | N/A | N/A |
| n78 | 3670 | 10 | 52 | 3670 | N/A | N/A |
| 1 | 1977.5 | 5 | 25 | 2167.5 | N/A | N/A |
| 7 | 2507.5 | 5 | 25 | 2627.5 | 20.2 | IMD4 |
| n78 | 3305 | 10 | 52 | 3305 | N/A | N/A |
| 1 | 1950 | 5 | 25 | 2140 | 19.7 | IMD4 |
| 7 | 2510 | 10 | 50 | 2630 | N/A | N/A |
| n78 | 3580 | 10 | 52 | 3580 | N/A | N/A |
| DC\_2A\_n2A-n77A | 2 | 1855 | 5 | 25 | 1935 | N/A | N/A |
| n2 | 1855 | 5 | 25 | 1935 | 32.0 | IMD2 |
| 34.74 |
| n77 | 3790 | 10 | 50 | 3790 | N/A | N/A |
| 2 | 1885 | 5 | 25 | 1965 | N/A | N/A |
| n2 | 1865 | 5 | 25 | 1945 | 20.0 | IMD41 |
| 22.74 |
| n77 | 3710 | 10 | 50 | 3710 | N/A | N/A |
| DC\_2A-5A\_n77A | 2 | 1907.5 | 5 | 25 | 1987.5 | N/A | N/A |
| 5 | 842.5 | 5 | 25 | 887.5 | 16.6 | IMD5 |
| n77 | 3305 | 5 | 25 | 3305 | N/A | N/A |
| 2 | 1907 | 5 | 25 | 1987 | 24.8 | IMD3 |
| 5 | 846.5 | 5 | 25 | 891.5 | N/A | N/A |
| n77 | 3680 | 5 | 25 | 3680 | N/A | N/A |
| DC\_2A\_n5A-n77A | 2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
|  | n5 | 830 | 5 | 25 | 875 | N/A | N/A |
|  | n77 | 3540 | 10 | 50 | 3540 | 24.5 | IMD3 |
|  | 2 | 1907 | 5 | 25 | 1987 | N/A | N/A |
|  | n5 | 844 | 5 | 25 | 889 | 16.6 | IMD5 |
|  | n77 | 3305 | 10 | 50 | 3305 | N/A | N/A |
| DC\_2A-13A\_n77A | 2 | 1864 | 5 | 25 | 1944 | 24.2 | IMD3 |
| 13 | 783 | 5 | 25 | 752 | N/A | N/A |
| n77 | 3510 | 5 | 25 | 3510 | N/A | N/A |
| DC\_2A-66A\_n41A | 2 | 1860 | 5 | 25 | 1940 | 22.6 | IMD4 |
| 66 | 1715 | 5 | 25 | 2115 | N/A | N/A |
| n41 | 2685 | 5 | 25 | 2685 | N/A | N/A |
| DC\_2A-66A\_n77A | 2 | 1855 | 5 | 25 | 1935 | N/A | N/A |
| 66 | 1765 | 5 | 25 | 2185 | 34.7 | IMD2 |
| n77 | 4040 | 5 | 25 | 4040 | N/A | N/A |
| 2 | 1905 | 5 | 25 | 1985 | M/A | N/A |
| 66 | 1720 | 5 | 25 | 2120 | 21.1 | IMD41 |
| n77 | 3595 | 5 | 25 | 3595 | N/A | N/A |
| 2 | 1880 | 5 | 25 | 1960 | 37.6 | IMD2 |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n77 | 3700 | 5 | 25 | 3700 | N/A | N/A |
| 2 | 1860 | 5 | 25 | 1940 | 19.8 | IMD41 |
| 66 | 1775 | 5 | 25 | 2195 | N/A | N/A |
| n77 | 3385 | 5 | 25 | 3385 | N/A | N/A |
| DC\_2A\_n66A-n77A DC\_2A-2A\_n66A-n77A | 2 | 1855 | 5 | 25 | 1935 | N/A | N/A |
|  | n66 | 1715 | 5 | 25 | 2115 | 35.2 | IMD2 |
|  | n77 | 3970 | 10 | 50 | 3970 | N/A | N/A |
|  | 2 | 1900 | 5 | 25 | 1980 | N/A | N/A |
|  | n66 | 1760 | 5 | 25 | 2160 | 22.3 | IMD43 |
|  | n77 | 3540 | 10 | 50 | 3540 | N/A | N/A |
| DC\_5A\_n2A-n77A2 | n2 | 1907 | 5 | 25 | 1987 | 25.5 | IMD3 |
| 5 | 846.5 | 5 | 25 | 891.5 | N/A | N/A |
| n77 | 3680 | 5 | 25 | 3680 | N/A | N/A |
| DC\_5A\_n5A-n77A2 | 5 | 844 | 5 | 25 | 889 | N/A | N/A |
| n5 | 844 | 5 | 25 | 889 | 20.3 | IMD41 |
| n77 | 3421 | 10 | 50 | 3421 | N/A | N/A |
| DC\_5A\_n66A-n77A | 5 | 826.5 | 5 | 25 | 871.5 | N/A | N/A |
| n66 | 1742 | 5 | 25 | 2142 | 22.2 | IMD3 |
| n77 | 3795 | 10 | 50 | 3795 | N/A | N/A |
| DC\_13A\_n2A-n77A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
| n2 | 1880 | 5 | 25 | 1960 | 25.0 | IMD3 |
| n77 | 3524 | 10 | 50 | 3524 | N/A | N/A |
| DC\_13A\_n5A-n77A2 | n5 | 840 | 5 | 25 | 885 | 19.5 | IMD5 |
| 13 | 782 | 5 | 20 | 751 | N/A | N/A |
| n77 | 4013 | 10 | 50 | 4013 | N/A | N/A |
| DC\_13A-66A\_n77A | 13 | 777 | 5 | 25 | 746 | N/A | N/A |
| 66 | 1746 | 5 | 25 | 2146 | 25.3 | IMD3 |
| n77 | 3700 | 10 | 50 | 3700 | N/A | N/A |
| 13 | 781 | 5 | 25 | 750 | 23.4 | IMD3 |
| 66 | 1710 | 5 | 25 | 2110 | N/A | N/A |
| n77 | 4170 | 10 | 50 | 4170 | N/A | N/A |
| DC\_13A\_n66A-n77A | 13 | 782 | 5 | 25 | 751 | N/A | N/A |
| n66 | 1756 | 5 | 25 | 2156 | 26.1 | IMD3 |
| n77 | 3720 | 10 | 50 | 3720 | N/A | N/A |
| DC\_66A\_n2A-n77A | 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
| n77 | 3620 | 10 | 50 | 3620 | 34.9 | IMD2 |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n2 | 1880 | 5 | 25 | 1960 | N/A | N/A |
| n77 | 3340 | 10 | 50 | 3340 | 20.9 | IMD41 |
| n2 | 1880 | 5 | 25 | 1960 | 37.6 | IMD2 |
| 66 | 1740 | 5 | 25 | 2140 | N/A | N/A |
| n77 | 3700 | 10 | 50 | 3700 | N/A | N/A |
| n2 | 1880 | 5 | 25 | 1960 | 21.1 | IMD41 |
| 66 | 1770 | 5 | 25 | 2170 | N/A | N/A |
| n77 | 3350 | 10 | 50 | 3350 | N/A | N/A |
| DC\_66A\_n5A-n77A DC\_66A-66A\_n5A-n77A | 66 | 1760 | 5 | 25 | 2160 | N/A | N/A |
| n5 | 830 | 5 | 25 | 875 | N/A | N/A |
| n77 | 3420 | 10 | 50 | 3420 | 24.9 | IMD3 |
| 66 | 1714 | 5 | 25 | 2114 | N/A | N/A |
| n5 | 827 | 5 | 25 | 872 | N/A | N/A |
| n77 | 4195 | 10 | 50 | 4195 | 24.1 | IMD41 |
| DC\_66A\_n66A-n77A | 66 | 1730 | 5 | 25 | 2130 | N/A | N/A |
| n66 | 1770 | 5 | 25 | 2170 | 37 | IMD2 |
| n77 | 3900 | 10 | 50 | 3900 | N/A | N/A |
| 66 | 1730 | 5 | 25 | 2130 | N/A | N/A |
| n66 | 1770 | 5 | 25 | 2170 | 20 | IMD5 |
| n77 | 3680 | 10 | 50 | 3680 | N/A | N/A |
| NOTE 1: This band is subject to IMD5 also which MSD is not specified.  NOTE 2: The MSD test points cannot be verified for the band combination in US due to the Band n77 frequency range restriction  NOTE 3: This UE channel bandwidth is optional in this release of the specification  NOTE 4: Applicable only if operation with 4 antenna ports is supported in the band with carrier aggregation configured. | | | | | | | |

---End of changes---