TSG RAN Meeting #26 Vouliagmeni/Athens, Greece, 8 - 10 December 2004

TitleCRs to 25.133, 25.302, 25.433 for
the Introduction of 'DL Transmission Branch Load' measurementSourceSiemensAgenda Item8.9

RANx Tdoc	Spec	CR	Rev	Cat	Rel	Curr Ver	Title	Work Item
-	25.302	676	-	В	REL-6	6.1.0	Introduction of 'DL Transmission Branch Load' measurement	TEI6
-	25.433	677	-	В	REL-6	6.3.0	Introduction of 'DL Transmission Branch Load' measurement	TEI6
-	25.133	707	-	В	REL-6	6.7.0	Introduction of 'DL Transmission Branch Load' measurement	TEI6

Note:

- These are the linked CRs to RP-040455
 CR (Rel-6 Cat. B) to TS25.215 for Introduction of 'DL Transmission Branch Load' measurement (R1-041494 cat.B CR147r3 to TS25.215 v6.0.0 on Introduction of 'DL Transmission Branch Load' measurement as agreed by RAN1 #39)
 which are submitted as company contribution to provide a complete CR package to RAN #26.
- The CRs in RP-040460 were made available for review on the corresponding RAN2/3/4 reflectors on 30.11./01.12.2004 with the following status on 07.12.2004 afternoon:
 - RAN2 (25.302): No comments.
 - RAN3 (25.433): Requested clarifications from Lucent & Nokia were answered.
 - RAN4 (25.133): Requested clarification from Ericsson was answered.



	CHANGE REQUES	CR-Formv7
æ	25.133 CR 707 Frev -	B Current version: 6.7.0
For <u>HELP</u> of	n using this form, see bottom of this page or look at	t the pop-up text over the \mathbb{H} symbols.
Proposed chang	re affects: 〔 UICC apps <mark>鰀</mark> ME Radio	o Access Network X Core Network
Title:	B Introduction of 'DL Transmission Branch Load	Measurement'
Source:	🕱 Siemens AG	
Work item code:	æ TEI6	Date: ⊯ 07/12/2004
Category:	 B Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier rele B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP <u>TR 21.900</u>. 	Release:♥Rel-6Use oneof the following releases:2(GSM Phase 2)ease)R96(Release 1996)R97(Release 1997)R98(Release 1998)R99(Release 1999)Rel-4(Release 4)Rel-5(Release 5)Rel-6(Release 6)

Desease fam alsons (a)	With the compact and iffer the set is not a set the for the Niede D (
Reason for change:	With the current specifications, it is not possible for the Node B to report to the RNC some internal power limitations (e.g. power amplifier) with respect to each transmission branch. In case of Tx diversity this can lead to signal degradation
	(e.g. EVM increase due to signal compression) and potentially call drops (e.g.
	suboptimal call and congestion control algorithms). This effect ONLY occurs if TX diversity is used.
	Measurement accuracy and range mapping for this new UTRAN measurement 'DL Transmission Branch Load' need to be specified in TS25.133.
Summary of change: 🔀	Measurement accuracy and range mapping for the new UTRAN measurement 'DL Transmission Branch Load' are specified.
	DE Manshission Dianch Load ale specified.
Consequences if 🛛 🔀	
not approved:	reported and may lead to QoS degradation and suboptimal call congestion and call control operations.
Clauses affected: 🔀	9.2; 9.2.x (new)
Other energy	Y N Other ears apositions W TO 25 245 (DAN4) CD447r2
Other specs 🔀	Other core specificationsImage: Specification s
	TS 25.433 (RAN3) CR1060
affected:	X Test specifications
	X O&M Specifications

	Other comments:	Ħ	For the section 9.2.x it is suggested to take 9.2.17
--	-----------------	---	--

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked a contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

9.2.16 Transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission

The measurement period shall be 100 ms.

9.2.16.1 Accuracy requirement

Table 9.63

Parameter	Unit	Accuracy [% units]	Conditions
			Range
Ptot	%	± 5	For 5% \leq Transmitted carrier power of non-HSDPA codes \leq 95%

9.2.16.2 Measurement report mapping for transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission

The reporting range for *Transmitted carrier power of non-HSDPA codes* is from 0 ... 100 %.

In table 9.64 the mapping of measured quantity is defined. The range in the signalling may be larger than the guaranteed accuracy range.

Reported value	Measured quantity value	Unit
NON_HSDPA_UTRAN_TX_POWER _000	Transmitted carrier power of non- HSDPA codes = 0	%
NON_HSDPA_UTRAN_TX_POWER _001	$0 < Transmitted carrier power of non-HSDPA codes \leq 1$	%
NON_HSDPA_UTRAN_TX_POWER _002	1 < Transmitted carrier power of non- HSDPA codes ≤ 2	%
NON_HSDPA_UTRAN_TX_POWER _003	2 < Transmitted carrier power of non- HSDPA codes ≤ 3	%
NON_HSDPA_UTRAN_TX_POWER _098	97 < Transmitted carrier power of non- HSDPA codes ≤ 98	%
NON_HSDPA_UTRAN_TX_POWER _099	98 < Transmitted carrier power of non- HSDPA codes ≤ 99	%
NON_HSDPA_UTRAN_TX_POWER _100	99 < Transmitted carrier power of non- HSDPA codes ≤ 100	%

Table 9.64

9.2.X DL Transmission Branch Load

This measurement is applicable in case of TX diversity.

The measurement period shall be 100 ms.

9.2.X.1 Accuracy requirement

Table 9.xx

Parameter Parameter	<u>Unit</u>	Accuracy [% units]	Conditions	
			Range	
Pbranchtot	Pbranchtot <u>%</u>		For 5% ≤ DL Transmission	
			Branch Load ≤95%	

9.2.X.2 DL Transmission Branch Load measurement report mapping

The reporting range for *DL Transmission Branch Load measurement* is from 0 ... 100 %.

In table 9.xy the mapping of measured quantity is defined. The range in the signalling may be larger than the guaranteed accuracy range.

Table 9.xy

Reported value	Measured quantity value	<u>Unit</u>
branch load 000	DL Transmission Branch Load = 0	<u>%</u>
branch_load_001	<u>0 < DL Transmission Branch Load \leq 1</u>	<u>%</u>
branch load 002	<u>1 < DL Transmission Branch Load \leq 2</u>	<u>%</u>
branch load 003	<u>2 < DL Transmission Branch Load \leq 3</u>	<u>%</u>
		<u></u>
branch load 098	<u>97 < DL Transmission Branch Load < 98</u>	<u>%</u>
branch load 099	<u>98 < DL Transmission Branch Load < 99</u>	<u>%</u>
branch load 100	<u>99 < DL Transmission Branch Load ≤ 100</u>	<u>%</u>
branch load 101	DL Transmission Branch Load > 100	<u>%</u>

Annex A (normative): Test Cases



		CR-Formv7.1 ST
æ	25.302 CR 147	E Current version: 6.1.0
For <u>HELP</u> c	on using this form, see bottom of this page or look a	at the pop-up text over the 🔀 symbols.
Proposed chan	ge affects: ()∪ICC apps <mark>⊯</mark> ME Rad	io Access Network X Core Network
Title:	(#) Introduction of 'DL Transmission Branch Load	d' measurement
Source:) Siemens	
Work item code	: (#) TEI6	Date: 🔀 08/12/2004
Category:	 B Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction 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 <u>TR 21.900</u>. 	Release: 🔀 Rel-6 Use <u>one</u> of the following releases: Ph2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6) Rel-7 (Release 7)

Reason for change: 🎉	With the current specifications, it is not possible for the Node B to report to the RNC some internal power limitations (e.g. power amplifier) with respect to each transmission branch. In case of Tx diversity this can lead to signal degradation (e.g. EVM increase due to signal compression) and potentially call drops (e.g. suboptimal call and congestion control algorithms). This effect ONLY occurs if TX diversity is used.
Summary of change: 🔀	Introduction of a new UTRAN measurement reporting the maximum of the branch loads calculated for each TX branch.
Consequences if B not approved:	Internal transmission Node B power limitations in case of TX diversity cannot be reported and may lead to QoS degradation and suboptimal call congestion and call control operations.
Clauses affected:	9.3
	ΥΝ
Other specs 🔀	X Other core specifications (#) TS 25.215 (RAN1) CR147r3 TS 25.433 (RAN3) CR1060 TS 25.133 (RAN4) CR707
affected:	X Test specifications
	X O&M Specifications
Other comments: 🛛 🔀	

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked (B) contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, pas te the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

TEXT OMITTED

9.3 UTRAN Measurements

9.3.1 Received total wide band power

Measurement	Received total wide band power
Source	L1 (Node B)
Destination	RRC(RNC)
Reporting Trigger	On-demand, Event-triggered, Periodic
Description	The received wide band power including noise generated in the receiver, within the bandwidth defined by the pulse shaping filter. For TDD mode, this is measured in specified timeslots.

9.3.2 Transmitted carrier power

Measurement	Transmitted carrier power
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	On-demand, periodic, Event-triggered
Description	Transmitted carrier power is the ratio between the total transmitted power on one DL carrier from one UTRAN access point, compared to the maximum power possible to use on that DL carrier at this mom ent of time. For TDD mode, this is measured in specified timeslots.

9.3.3 Transmitted code power

Measurement	Transmitted code power
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	On-demand, periodic, Event-triggered
Description	Transmitted Code Power is the transmitted power on one carrier, one scrambling and one channelisation code. For TDD mode, this is measured in specified timeslots.

9.3.4 Void

9.3.5 Physical channel BER

Measurement	Physical channel BER
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	On-demand, Event-triggered, periodic
Description	The Physical channel BER is an estimation of the average bit error rate (BER) on the
	DPCCH of a Radio Link Set.
	This measurement applies to FDD mode only.

9.3.6 Transport channel BER

Measurement	Transport channel BER
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	On-demand, Event-triggered, periodic
Description	The transport channel BER is an estimation of the average bit error rate (BER) data part.

9.3.7 RX timing deviation

Measurement	RX timing deviation
Source	L1 (Node B)
Destination	RRC (RNC)
Reporting Trigger	Periodic, event triggered
Description	The difference of the time of arrival of the UL transmissions in relation to the arrival time of
	a signal with zero propagation delay. This measurement is applicable for TDD mode.

9.3.8 Timeslot ISCP

Measurement	Timeslot ISCP
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	periodic or event triggered
Description	Interference on Signal Code Power, is the interference on the received signal in a specified timeslot. This measurement is applicable is applicable to TDD mode only.

9.3.9 RSCP

Measurement	RSCP
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	periodic or event triggered
Description	Received Signal Code Power is the received power on DPCH or PRACH, PUSCH or HS- SICH. This measurement is applicable for TDD mode only.

9.3.10 Round Trip Time

Measurement	Round Trip Time
Source	L1(Node B or LMU)
Destination	RRC (RNC-UE positioning)
Reporting Trigger	on demand, event triggered
Description	This is an estimate of the round trip time of signals between the Node B and the UE This measurement is applicable for FDD mode only.

9.3.11 Void

9.3.12 Acknowledged PRACH preambles

Measurement	Acknowledged PRACH preambles
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	Periodic, event triggered, On demand
Description	This measurement indicates the number of positive acquisition indicators transmitted per access frame on each AICH. This measurement is applicable for FDD mode only.

9.3.13 Detected PCPCH access preambles

Measurement	Detected PCPCH Access preambles
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	Periodic, event triggered, On demand
Description	This measurement indicates the total number of detected access preambles per access frame on
	the PCPCHs belonging to a CPCH set. This measurement is applicable for FDD mode only.

9.3.14 Acknowledged PCPCH access preambles

Measurement	Acknowledged PCPCH access preambles
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	Periodic, event triggered, On demand
Description	This measurement indicates the total number of acknowledged PCPCH access preambles per access frame on the PCPCHs. where an access frame consists of fifteen access slots from access slot #0 to access slot #14. This measurement is applicable for FDD mode only.

9.3.15 SIR

Measurement	SIR
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	Periodic, event triggered
Description	Signal to Interference Ratio.

9.3.16 PRACH/PCPCH Propagation Delay

Measurement	Propagation delay
Source	L1(Node B)
Destination	RRC (RNC)
Reporting Trigger	Event triggered, periodic
Description	The one-way propagation delay as measured during either PRACH or PCPCH access.
	This measurement is applicable for FDD mode only.

9.3.17 UTRAN GPS Timing of Cell Frames for UE positioning

Measurement	UTRAN GPS Timing of Cell Frames for UE positioning	
Source	_1 (LMU)	
Destination	RRC (RNC-UE positioning)	
Reporting Trigger	On-demand, Event-triggered, Periodic	
Description	This is the absolute time reference measurement in respect to GPS Time Of Week for the transmission of a particular frame.	

9.3.18 SIR ERROR

Measurement	SIR ERROR	
Source	L1(Node B)	
Destination	RRC (RNC)	
Reporting Trigger	Periodic, event triggered	
Description	Signal to Interference Ratio Error	
	This measurement is applicable for FDD cells only.	

9.3.19 Received SYNC_UL Timing Deviation

Measurement	Received SYNC_UL Timing Deviation	
Source	L1 (Node B)	
Destination	RRC (RNC)	
Reporting Trigger	Event triggered	
Definition	Received SYNC_UL Timing Deviation' is the time difference $UpPCH_{POS} = UpPTS_{Rxpath} - UpPTS_{TS}$ Where $UpPTS_{Rxpath}$: time of the reception in the Node B of the SYNC_UL to be used in the uplink synchronization process $UpPTS_{TS}$: time instance two symbols prior to the end of the DwPCH according to the Node B internal timing	

9.3.20 Cell Sync Burst Timing

Measurement	Cell Sync Burst Timing	
Source	L1(Node B)	
Destination	RRC (RNC)	
Reporting Trigger	Periodic, event triggered	
Definition	Cell sync burst timing is the time of start (defined by the first detected path in time) of the cell sync burst of a neighbouring cell. Type 1 is used for the initial phase of Node B synchronization. Type 2 is used for the steady-state phase of Node B synchronization.	

9.3.21 Cell Sync Burst SIR

Measurement	Cell Sync Burst SIR	
Source	L1(Node B)	
Destination	RRC (RNC)	
Reporting Trigger	Periodic, event triggered	
Definition	Signal to Interference Ratio for the cell sync burst, defined as: RSCP/Interference, where:	

9.3.22 SFN-SFN Observed time difference

Measurement	SFN-SFN observed time difference
Source	L1 (LMU)
Destination	RRC (RNC-UE positioning)
Reporting Trigger	On-demand, Periodic, On Modification
Description	Measured time between reception of signal from a specific reference UTRA cell and from a neighbour UTRA cell.

9.3.23 Angle of Arrival (AOA) for 1.28 Mcps TDD

Measurement	Angle of Arrival (AOA) for 1.28Mcps TDD	
Source	L1 (Node B)	
Destination	RRC (RNC)	
Reporting Trigger	event-triggered, on-demand	
Description	AOA defines the estimated angle of a user with respect to a reference direction. The reference direction for this measurement shall be the North, positive in a counter- clockwise direction. The AOA is determined at the UTRAN access point antenna for an UL channel corresponding to this UE.	

7

9.3.24 HS-SICH reception quality

Measurement	HS-SICH reception quality	
Source	L1 (Node B)	
Destination	RRC (RNC)	
Reporting Trigger	On-demand, Event-triggered, Periodic	
Description	The HS-SICH reception quality is defined via the the number of expected HS-SICH transmissions from a given UE and the number of unsuccessful HS-SICH receptions for this same UE in the Node B. For 1.28 Mcps TDD, only measurements made on HS-SICH transmissions that were transmitted using open loop power control are reported as part of this measurement. This measurement is applicable for TDD cells only.	

9.3.25 Transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission

Measurement	Transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission	
Source	L1 (Node B)	
Destination	RRC (RNC)	
Reporting Trigger	On-demand, periodic, Event-triggered	
Description	Transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission is the ratio between the total transmitted power of all codes not used for HS-PDSCH or HS-SCCH transmission on one DL carrier from one UTRAN access point, and the maximum transmission power possible to use on that DL carrier at this moment of time. For TDD mode, this is measured in specified timeslots.	

9.3.26 UpPTS interference (1.28Mcps TDD)

Measurement	UpPTS interference (1.28Mcps TDD)
Source	L1 (Node B)
Destination	RRC (RNC)
Reporting Trigger	On-demand, periodic, Event-triggered
Description	The level of interference in the UpPTS is the difference between the mean received power in the UpPTS and the sum of the estimated mean power levels of all detected UpPCH transmissions. In the case of antenna diversity, the linear average of the UpPTS interference levels for each antenna branch shall be calculated. The reference point for the UpPTS interference measurement shall be the Rx antenna connector.

9.3.27 DL Transmission Branch Load

Measurement	DL Transmission Branch Load	
Source	L1(Node B)	
Destination	RRC (RNC)	
Reporting Trigger	On-demand, Event-triggered	
<u>Description</u>	On-demand, Event-triggered The 'DL transmission branch load' is the maximum of the transmission branch loads calculated for each branch. A 'transmission branch load' is the ratio between the total transmitted power [W] on the considered branch and the 'maximum DL branch capability' on this branch. The 'maximum DL branch capability' defines the maximum transmission power possible to use on that branch. The reference point for the transmission branch load measurement shall be the TX antenna connector.	

TEXT OMITTED



	CHANGE REQUE	CR-Formv7.1
æ	25.433 CR 1060	Bertian Current version: 6.3.0 ^{() ()}
For <u>HELP</u> o	n using this form, see bottom of this page or look	at the pop-up text over the \mathbb{H} symbols.
Proposed chang	ge affects: ∫ UICC apps <mark>⊯</mark> ME Rad	dio Access Network X Core Network
Title:	(# Introduction of 'DL Transmission Branch Loa	ad' measurement
Source:	(#) Siemens	
Work item code	:(೫) TEI6	Date: 🔀 30/11/2004
Category:	 B Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction 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 <u>TR 21.900</u>. 	R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-4 (Release 4)

Reason for change: 🕅	With the current specifications, it is not possible for the Node B to report to the RNC some internal power limitations (e.g. power amplifier) with respect to each transmission branch. In case of Tx diversity this can lead to signal degradation (e.g. EVM increase due to signal compression) and potentially call drops (e.g. suboptimal call and congestion control algorithms). This effect ONLY occurs if TX diversity is used.				
Summary of change: 🕅	Introduction of a new UTRAN measurement reporting the maximum of the branch loads calculated for each TX branch.				
Consequences if Annot approved:	Internal transmission Node B power limitations in case of TX diversity cannot be reported and may lead to QoS degradation and suboptimal call congestion and call control operations.				
Clauses affected: 🕅	8 8.2.8.4, 9.1.18, 9.1.19, 9.1.21, 9.2.1.11, 9.2.1.12, 9.2.1.44, 9.3.3, 9.3.4, 9.3.6 New: 9.2.1.xx				
Other specs 🏻 🎘	Y N X Other core specifications Image: Constraint of the specification of the specificat				
affected:	X Test specifications X O&M Specifications				
Other comments:					

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <u>http://www.3gpp.org/specs/CR.htm</u>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked (B) contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <u>ftp://ftp.3gpp.org/specs/</u> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

TEXT OMITTED

8.2.8.4 Abnormal Conditions

If the Common Measurement Type received in the *Common Measurement Type* IE, except for the "HS-DSCH Required Power" and the "HS-DSCH Provided Bit Rate", is not defined in ref. [4] or [5] to be measured on the Common Measurement Object Type received in the COMMON MEASUREMENT INITIATION REQUEST message, the Node B shall regard the Common Measurement Initiation procedure as failed.

[TDD - If the Common Measurement Type requires the Time Slot Information but the [3.84Mcps TDD - *Time Slot* IE] [1.28Mcps TDD - *Time Slot LCR* IE] is not present in the COMMON MEASUREMENT INITIATION REQUEST message, the Node B shall regard the Common Measurement Initiation procedure as failed.]

If the COMMON MEASUREMENT INITIATION REQUEST message contains the *SFN-SFN Measurement Threshold Information* IE (in the *Measurement Threshold* IE contained in the *Report Characteristics* IE) and it does not contain at least one IE, the Node B shall reject the procedure using the COMMON MEASUREMENT INITIATION FAILURE message.

If the COMMON MEASUREMENT INITIATION REQUEST message contains the $T_{UTRANGPS}$ Measurement Threshold Information IE (in the Measurement Threshold IE contained in the Report Characteristics IE) and it does not contain at least one IE, the Node B shall reject the procedure using the COMMON MEASUREMENT INITIATION FAILURE message.

If the *Common Measurement Type* IE is set to "SFN-SFN Observed Time Difference", but the *Neighbouring Cell Measurement Information* IE is not received in the COMMON MEASUREMENT INITIATION REQUEST message, the Node B shall regard the Common Measurement Initiation procedure as failed.

If the Common Measurement Type IE is set to "UTRAN GPS Timing of Cell Frames for UE Positioning", but the $T_{UTRANGPS}$ Measurement Accuracy Class IE in the Common Measurement Accuracy IE is not included in the COMMON MEASUREMENT INITIATION REQUEST message, the Node B shall regard the Common Measurement Initiation procedure as failed.

If the *Common Measurement Type* IE is not set to "UTRAN GPS Timing of Cell Frames for UE Positioning" and the *Common Measurement Accuracy* IE is included in the COMMON MEASUREMENT INITIATION REQUEST message, the Node B shall regard the Common Measurement Initiation procedure as failed.

The allowed combinations of the Common Measurement Type and Report Characteristics Type are shown in the table below marked with "X". For not allowed combinations, the Node B shall regard the Common Measurement Initiation procedure as failed.

Common	Report Characteristics Type								
Measurement Type	On Demand	Periodic	Event A	Event B	Event C	Event D	Event E	Event F	On Modification
Received Total	Х	Х	Х	Х	Х	Х	Х	Х	
Wide Band Power									
Transmitted Carrier Power	Х	Х	Х	Х	Х	Х	Х	Х	
Acknowledged	Х	Х	Х	Х	Х	Х	Х	Х	
PRACH Preambles									
UL Timeslot ISCP	Х	Х	Х	Х	Х	Х	Х	Х	
Acknowledged PCPCH Access Preambles	Х	X	Х	Х	Х	Х	Х	Х	
Detected PCPCH Access Preambles	х	х	Х	Х	Х	Х	Х	Х	
UTRAN GPS Timing of Cell Frames for UE Positioning	X	X							X
SFN-SFN Observed Time Difference	Х	X							Х
Transmitted carrier power of all codes not used for HS- PDSCH or HS- SCCH transmission	Х	X	X	X	х	X	Х	Х	
HS-DSCH Required Power	Х	Х	Х	Х			Х	Х	
HS-DSCH Provided Bit Rate	Х	х							
Received Total Wide Band Power for Cell Portion	Х	х	Х	Х	Х	Х	Х	Х	
Transmitted Carrier Power for Cell Portion	Х	X	Х	Х	Х	Х	Х	Х	
Transmitted carrier power of all codes not used for HS- PDSCH or HS- SCCH transmission for Cell Portion	x	x	X	X	X	X	X	X	
UpPTS interference	Х	Х	Х	Х	Х	Х	Х	Х	
DL Transmission Branch Load	X		X	X			X	X	

Table 4: Allowed Common Measurement Type and Report Characteristics Type combinations

If the *SFN* IE is included in the COMMON MEASUREMENT INITIATION REQUEST message and the *Report Characteristics* IE is other than "Periodic", "On Demand" or "On Modification", the Node B shall regard the Common Measurement Initiation procedure as failed.

TEXT OMITTED

9.1.18 COMMON MEASUREMENT INITIATION REQUEST

IE/Group Name	Presence	Range	IE Type and	Semantics Description	Criticality	Assigned Criticality
M			Reference			
Message Discriminator	M		9.2.1.45		-	
Message Type	M		9.2.1.46		YES	reject
Transaction ID	M		9.2.1.62		-	
Measurement ID	M		9.2.1.42		YES	reject
CHOICE Common Measurement Object Type	Μ				YES	reject
>Cell					-	
>>C-ID	Μ		9.2.1.9		-	
>>Time Slot	0		9.2.3.23	Applicable to 3.84Mcps TDD only	-	
>>Time Slot LCR	0		9.2.3.24A	Applicable to 1.28Mcps TDD only	YES	reject
>>Neighbouring Cell		0 <maxno< td=""><td></td><td></td><td>GLOBAL</td><td>ignore</td></maxno<>			GLOBAL	ignore
Measurement		MeasNCell				-
Information		S>				
>>>CHOICE Neighbouring Cell Measurement Information					-	
>>>Neighbouring FDD Cell Measurement Information				FDD only	-	
>>>>Neighbouring FDD Cell Measurement Information	М		9.2.1.47C		_	
>>>>Neighbouring TDD Cell Measurement Information				Applicable to 3.84Mcps TDD only	_	
>>>>Neighbouring TDD Cell Measurement Information	М		9.2.1.47D		-	
>>>>Additional Neighbouring Cell Measurement Information					-	
>>>>Neighbouring TDD Cell Measurement Information LCR				Applicable to 1.28Mcps TDD only	-	
>>>>>Neighbouri ng TDD Cell Measurement Information LCR	М		9.2.1.47E		YES	reject
>RACH				FDD only	-	
>>C-ID	М		9.2.1.9		-	
>>Common Transport Channel ID	М		9.2.1.14		-	
>CPCH		1		FDD only	_	
>>C-ID	М	<u> </u>	9.2.1.9		_	
>>Common Transport Channel ID	M		9.2.1.14		_	
>>Spreading Factor	0		Minimum UL Channelisat ion Code Length		_	

		9.2.2.22		
>Additional Common Measurement Object Types				
<u>>>NodeB</u>	<u>M</u>	NULL	<u>YES</u>	<u>reject</u>
Common Measurement Type	М	9.2.1.11	YES	reject
Measurement Filter Coefficient	0	9.2.1.41	YES	reject
Report Characteristics	М	9.2.1.51	YES	reject
SFN Reporting Indicator	М	FN Reporting Indicator 9.2.1.29B	YES	reject
SFN	0	9.2.1.53A	YES	reject
Common Measurement Accuracy	0	9.2.1.9B	YES	reject
Measurement Recovery Behavior	0	9.2.1.43A	YES	ignore

Range Bound	Explanation
maxnoMeasNCells	Maximum number of neighbouring cells that can be measured on.

9.1.19 COMMON MEASUREMENT INITIATION RESPONSE

IE/Group Name	Presence	Range	IE Type	Semantics	Criticality	Assigned
			and Reference	Description		Criticality
Message Discriminator	М		9.2.1.45		_	
Message Type	M		9.2.1.46		YES	reject
Transaction ID	М		9.2.1.62		_	-,
Measurement ID	М		9.2.1.42		YES	ignore
CHOICE Common Measurement Object Type	0			Common Measurement Object Type that the measurement was initiated with.	YES	ignore
>Cell					_	
>Common Measurement Value	М		9.2.1.12		_	
>RACH				FDD only	-	
>Common Measurement Value	М		9.2.1.12		_	
>CPCH				FDD only	-	
>>Common Measurement Value >Additional Common	М		9.2.1.12		-	
Measurement Object Types						
<u>>>NodeB</u>					<u>YES</u>	<u>reject</u>
>>>Common Measurement Value	М		<u>9.2.1.12</u>		=	
SFN	0		9.2.1.53A	Common Measurement Time Reference	YES	ignore
Criticality Diagnostics	0		9.2.1.17		YES	ignore
Common Measurement Achieved Accuracy	0		Common Measureme nt Accuracy 9.2.1.9B		YES	ignore
Measurement Recovery Support Indicator	0		9.2.1.43C		YES	ignore

9.1.20 COMMON MEASUREMENT INITIATION FAILURE

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
Message Discriminator	М		9.2.1.45		-	
Message Type	М		9.2.1.46		YES	reject
Transaction ID	М		9.2.1.62		_	
Measurement ID	М		9.2.1.42		YES	ignore
Cause	М		9.2.1.6		YES	ignore
Criticality Diagnostics	0		9.2.1.17		YES	ignore

9.1.21 COMMON MEASUREMENT REPORT

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
Message Discriminator	М		9.2.1.45		-	
Message Type	М		9.2.1.46		YES	ignore
Transaction ID	Μ		9.2.1.62		_	
Measurement ID	М		9.2.1.42		YES	ignore
CHOICE Common Measurement Object Type	М			Common Measurement Object Type that the measurement was initiated with.	YES	ignore
>Cell					-	
>Common Measurement Value Information	М		9.2.1.12A		-	
>RACH				FDD only	-	
>Common Measurement Value Information	М		9.2.1.12A		-	
>CPCH				FDD only	-	
>>Common Measurement Value Information	М		9.2.1.12A		-	
<u>>Additional Common</u> <u>Measurement Object Types</u>						
<u>>>NodeB</u>					<u>YES</u>	<u>reject</u>
>>>Common Measurement Value Information	M		<u>9.2.1.12A</u>		=	
SFN	0		9.2.1.53A	Common Measurement Time Reference	YES	ignore
Measurement Recovery Reporting Indicator	0		9.2.1.43B		YES	ignore
		TEXT	OMITTED			

9.2.1.11 Common Measurement Type

The Common Measurement Type identifies which measurement that shall be performed.

IE/Group Name	Presence	Range	IE Type and	Semantics Description
		3-	Reference	·····
Common Measurement Type			ENUMERATED (Received Total Wide Band Power, Transmitted Carrier Power, Acknowledged PRACH Preambles, UL Timeslot ISCP, Acknowledged PCPCH Access Preambles, Detected PCPCH Access Preambles, Detected PCPCH Access Preambles, , UTRAN GPS Timing of Cell Frames for UE Positioning, SFN-SFN Observed Time Difference, Transmitted carrier power of all codes not used for HS- PDSCH or HS- SCCH transmission, HS-DSCH Required Power, HS-DSCH Provided Bit Rate, Received Total Wide Band Power for Cell Portion, Transmitted Carrier Power for Cell Portion, Transmitted carrier power of all codes not used for HS- SCCH transmission Branch Load)	"UL Timeslot ISCP" is used by TDD only, "Acknowledged PRACH Preambles", 'Acknowledged PCPCH Access Preambles', 'Detected PCPCH Access Preambles' are used by FDD only, "UpPTS interference" is used by 1.28Mcps TDD only

9.2.1.12 Common Measurement Value

The Common Measurement Value shall be the most recent value for this measurement, for which the reporting criteria were met.

Measurement Value	IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
Power Contracting to mapping in [22] and [23]	CHOICE Common Measurement Value	М				-	
Systems M INTEGER According to mapping Value SReceived Total M (0.100) in [22] and [23] Wide Band Power INTEGER According to mapping Value SReceived Total M INTEGER According to mapping Value According to mapping Value According to mapping Value According to mapping Value According to mapping Value Model INTEGER According to mapping Value Immestot M INTEGER According to mapping SACknowledged M INTEGER According to mapping Preambles In [22]						-	
Carrier Power Value (0.100) in [22] and [23]							
Value - SReceived Total - Wide Band Power - SNRceived Total - Wide Band Power (0.621) Solchowledged M PRACH Preambles FDD Only Solchowledged M PRACH Preambles - Value 0.240) Value NTEGER Acknowledged M PRACH Preambles - Value - Value - Value NTEGER According to mapping - ISCP - Preambles - Preambles - PCPCH Access - Preambles - Sobected PCPCH - According to mapping - Preambles -		М				-	
>Received Total - >>Received Total M Wide Band Power (0.621) Wide Band Power (0.621) According to mapping - PRACH Preambles FDD Only PRACH Preambles FDD Only PRACH Preambles - Value NTEGER Value Notecording to mapping - - >>According to mapping - NCRAN Preambles - >>Detected Cocording to mapping - - <td></td> <td></td> <td></td> <td>(0100)</td> <td>In [22] and [23]</td> <td></td> <td></td>				(0100)	In [22] and [23]		
Wide Band Power						_	
>>Received Total M INTEGER According to mapping in [22] and [23] - >>Acknowledged M INTEGER FDD Only - PRACH Preambles FDD Only - - >>Acknowledged M INTEGER According to mapping - Value 0.240,) in [22] - - Value 0.240,) in [23] - - >UT imesiot ISCP INTEGER According to mapping - - Schnowledged M INTEGER According to mapping - PCPCH Access FDD Only - - - >>Detected PCPCH INTEGER According to mapping - - >>Acknowledged M INTEGER According to mapping - - >>According to mapping - - - - - >>According to mapping - - - - - >>Detected PCPCH According to mapping - - <td< td=""><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td></td<>						_	
Wide Band Power Value (0621) in [22] and [23] - >>Acknowledged PRACH Preambles M [NTEGER (0240,) According to mapping in [22] - >>JUL Timeslot ISCP INTEGER (0240,) According to mapping in [22] - - >>JUL Timeslot ISCP INTEGER (0127) TDD Only - - >>JUL Timeslot ISCP M INTEGER (0127) According to mapping in [23] - >>Acknowledged PCPCH Access Preambles NTEGER (015,) According to mapping in [22] - >>Detected PCPCH Access Preambles M INTEGER (0.240,) According to mapping in [22] - >>Detected PCPCH Access Preambles - - - >>URANDES - - - >>Detected PCPCH Access Preambles - <td></td> <td>М</td> <td></td> <td>INTEGER</td> <td>According to mapping</td> <td>_</td> <td></td>		М		INTEGER	According to mapping	_	
Value FDD Only >Acknowledged FDD Only PRACH Preambles M INTEGER in [22] Value Solut Timeslot ISCP INTEGER According to mapping Solut Timeslot ISCP INTEGER According to mapping Solut Timeslot ISCP INTEGER According to mapping >Solut Timeslot ISCP INTEGER According to mapping >Acknowledged PCPCH Access Preambles FDD Only >>Detected PCPCH Access >>Detected PCPCH Access >>Detected PCPCH Access <td></td> <td></td> <td></td> <td></td> <td>in [22] and [23]</td> <td></td> <td></td>					in [22] and [23]		
PRACH Preambles M INTEGER According to mapping >>ARACH Preamble M (0.240,) in [22] >>UL Timeslot ISCP INTEGER According to mapping >>UL Timeslot ISCP INTEGER According to mapping >>Acknowledged M (0.127) in [23] >Acknowledged M INTEGER According to mapping PCPCH Access (0.15,) in [22] Preambles FDD Only >>Detected PCPCH According to mapping >>Detected PCPCH Access (0.15,) in [22] >>Detected PCPCH Access (0.240,) in [22] >>Detected PCPCH Access Preambles >>Detected PCPCH According to mapping >>Detected PCPCH According to mapping <td></td> <td></td> <td></td> <td>, , , , , , , , , , , , , , , , , , ,</td> <td></td> <td></td> <td></td>				, , , , , , , , , , , , , , , , , , ,			
>>Acknowledged PRACH Preamble M INTEGER (0.240,) According to mapping in [22] - >>UL Timeslot ISCP M INTEGER (0.240,) TDD Only - - >>UL Timeslot ISCP M INTEGER (0.127) According to mapping in [23] - - >>Acknowledged PCPCH Access Preambles M INTEGER (0.15,) According to mapping in [22] - >>Detected PCPCH Access Preambles M INTEGER (0.240,) According to mapping in [22] - >>Detected PCPCH Access Preambles M INTEGER (0.240,) According to mapping in [22] - >>Detected Cordinal Common Measurement Values INTEGER Access Preambles According to mapping in [22] - >>>Transmited Catter Power Of All Cades Not Used For HS-PDSCH Or HS-SCCH Transmitted Catter Power Of All Cades Not Used For HS-PDSCH Or All Codes Not Used For HS- SCCH M INTEGER POSCH Or HS- SCCH According to mapping in [22] and [23] YES ignore >>>Transmitted Catter Power Of All Cades Not Used For HS-DSCH Or All Codes Not Used For HS- SCCH M INTEGER POSCH Or HS- SCCH - - >>>HS-SDSCH M INTEGER POSCH Or HS- SCCH INTEGER POSCH Or HS- SCCH	>Acknowledged				FDD Only	_	
PRACH Preamble Value (0240,) in [22] TD Only >>UL Timeslot ISCP TDD Only - >>UL Timeslot ISCP (0.127) in [23] >Acknowledged PCPCH Access FDD Only - PCPCH Access (0.127) in [23] Preambles (0.127) in [23] >Detected PCPCH According to mapping in [22] - >>Detected PCPCH FDD Only - >>Detected PCPCH Access (0.15,) FDD Only - >>Detected PCPCH FDD Only - - >>Detected PCPCH Access (0.240,) in [22] - >>Detected PCPCH FDD Only - - According to mapping in [22] - - - >>Detected PCPCH FDD Only - - According to mapping in [22] - - - >>Detected PCPCH - - - - >>Detected PCPCH - - - - According to mapping in [22] - - - - Passetrement Values							
Value TDD >JUL Timestot ISCP TDD Only >>UL Timestot ISCP INTEGER ISCP (0.127) ISCP INTEGER SAcknowledged FDD Only PCPCH Access FDD Only Preambles (0.127) Sacknowledged M PCPCH Access (0.15,) Preambles (0.15,) Sacknowledged M PCPCH Access (0.240,) Preambles (0.240,) Sacknowledged - Sacknowledged - Preambles - Sacknowledged M Preambles - Sacknowledged - Preambles - Sacknowledged - Sacknowledged - Preambles - Sacknowledged - Poetched - Poetched - Preambles - Sacknowledged - Preambles - Sacknowledged - Preambles - Sacknowledged - Preambles - Sacknowledged - Parametor <td< td=""><td></td><td>Μ</td><td></td><td></td><td></td><td>-</td><td></td></td<>		Μ				-	
JUL Timeslot ISCP TDD Only - >>UL Timeslot ISCP INTEGER According to mapping - ISCP (0.127) in [23] - >Acknowledged FDD Only - - PCPCH Access FDD Only - - PCPCH Access (0.15,) in [22] - Preambles - - - >Detected PCPCH FDD Only - - According to mapping - - - >Detected PCPCH FDD Only - - According to mapping - - - >>Detected M (0.240,) in [22] - Preambles - - - - >>Detected M (0.240,) in [22] - - >>Detected M (0.240,) - - - >>Detected M (0.240,) - - - >>Detected Cording to mapp				(0240,)	in [22]		
SUL Timeslot M INTEGER According to mapping in [23] - SCP (0127) in [23] - - Preambles FDD Only - - - >>Acknowledged PCPCH Access Preambles M INTEGER According to mapping in [22] - - >>Detected PCPCH Access Preambles M INTEGER According to mapping in [22] - - >>Detected PCPCH Access Preambles M INTEGER According to mapping in [22] - - >>Detected Common M INTEGER According to mapping in [22] - - >>UTRAN OPS Timming Of Cell Frames for UE Positioning - - - - >>>Trames for UE Positioning 9.2.1.64A YES ignore >>>Transmited Codes Not Used For HS-PDSCH Or All Codes Not Used For HS-PDSCH Or HS- PDSCH or HS- SCCH INTEGER Integration According to mapping in [22] and [23] YES ignore >>HS-DSCH M (0.100) In [22] a							
ISCP (0127) in [23] Image: Section of the sectin of the section of the section of the sectin						_	
>Acknowledged PCPCH Access Preambles M INTEGER (015,) FDD Only - >>Acknowledged PCPCH Access Preambles M INTEGER (015,) According to mapping in [22] - >>Detected PCPCH Access Preambles M INTEGER (0240,) FDD Only - >>Detected PCPCH Access Preambles M INTEGER (0240,) According to mapping in [22] - >>Detected PCPCH Access Preambles M INTEGER (0240,) - - >>Detected Positioning M INTEGER (0240,) - - >>UTRAN GPS Timing Of Cell Frames for UE Positioning - - - >>SFN-SFN Measurement Value Information 9.2.1.64A YES ignore >>SFN-SFN Observed Time Difference M 9.2.1.53E YES ignore >>SFN-SFN Measurement Value Information 9.2.1.53E YES ignore >>SSR-SSCH Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission Value M INTEGER (0100) According to mapping in [22] and [23] YES ignore >>HS-DSCH Required Power - - - -		Μ		-		_	
PPCCH Access Preambles M INTEGER (0.15,) According to mapping in [22] - >>Detected PCPCH Access Preambles M INTEGER (0.240,) According to mapping in [22] - >>Detected PCPCH Access Preambles M INTEGER (0.240,) According to mapping in [22] - >>Detected PCPCH Access M INTEGER (0.240,) According to mapping in [22] - >>ddidtional Common Measurement Values - - - >>UTRAN GPS Timing Of Cell Frames for UE Positioning - - - >>SFN-SFN Value Information M 9.2.1.64A YES ignore >>SFN-SFN Measurement Value Information M 9.2.1.53E - - >>SFN-SFN Measurement Value Information M 9.2.1.53E YES ignore >>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission M INTEGER (0100) According to mapping in [22] and [23] YES ignore >>HS-SDSCH M 9.2.1.316 - - - >>HS-SDSCH M 9.2.1.311C YES ignore				(0127)			
Preambles M INTEGER According to mapping in [22] - >Detected PCPCH FDD Only - Access Preambles M INTEGER According to mapping in [22] - >Detected PCPCH M INTEGER According to mapping in [22] - >Detected PCPCH M INTEGER According to mapping in [22] - PCPCH Access Preambles (0240,) in [22] - >Additional Common - - - >SUTRAN GPS - - - Timing Of Cell - - - Positioning 9.2.1.64A YES ignore >SFIN-SFN M 9.2.1.53E YES ignore Difference - - - - >>SFN-SFN M 9.2.1.53E YES ignore - Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH - - <	>Acknowledged				FDD Only	-	
>>Acknowledged PCPCH Access Preambles M INTEGER (0.15,) According to mapping in [22] - >>Detected PCPCH Access Preambles M INTEGER (0.240,) FDD Only - >>>Detected PCPCH Access Preambles M INTEGER (0.240,) According to mapping in [22] - >>Additional Common Measurement Values - - - >>>UTRAN-GPS Timing Of Cell Frames for UE Positioning - - >>>STUTRAN-GPS Measurement Value Information 9.2.1.64A YES ignore >>>SFIN-SFN Observed Time Difference 9.2.1.53E YES ignore >>>Framited Carrier Power Of All Codes Not Used For HS-PDSCH OF HS-SCCH Transmission M INTEGER (0100) According to mapping in [22] and [23] YES ignore >>>HS-DSCH Transmission M INTEGER (0100) According to mapping in [22] and [23] YES ignore							
PCPCH Access (015,) in [22] - Preambles FDD Only - >>Detected PCPCH According to mapping - >>Detected M INTEGER According to mapping - Preambles (0240,) in [22] - - >>Additional Common - - - - >>Additional Common - - - - >>Additional Common - - - - >>JUTRAN GPS - - - - >>UTRAN GPS - - - - - Positioning - - - - - >>STRN-SFN M 9.2.1.64A YES ignore Weasurement - - - - - >>SFRN-SFN M 9.2.1.53E YES ignore Weasurement - - - - - Value Information - - - - - >>Transmitted - -		NA			According to mapping		
Preambles Control FDD Only >Detected PCPCH M INTEGER According to mapping PCPCH Access (0.240,) in [22] Preambles - >Additional Common - Measurement Values - >UTRAN GPS - Timing Of Cell - Presention - Positioning - >>>Turnanders M 9.2.1.64A YES Value Information - >>SFN-SFN M Value Information 9.2.1.53E >>SFN-SFN M Value Information - >>Transmitted - Carrier Power Of All - Codes Not Used - PosCH Or HS- - SCCH M Transmission - Value - Value - ->>HS-PDSCH Or HS- - PDSCH Or HS- - SCH M Value - ->>Transmission - ->>HS-PDSCH Or HS- - PDSCH Or HS- - PDSCH Or HS- - SCH - Value <td></td> <td>101</td> <td></td> <td></td> <td></td> <td></td> <td></td>		101					
>Detected PCPCH Access Preambles FDD Only - >>Detected M INTEGER (0240,) According to mapping in [22] - Preambles - - - - >Additional Common Measurement Values - - - - >>UTRAN GPS Timing Of Cell Frames for UE Positioning - - - - >>SFN-SFN Observed Time Difference M 9.2.1.64A YES ignore >>SFN-SFN Observed Time Difference M 9.2.1.53E YES ignore >>SFN-SFN Measurement Value Information M 9.2.1.53E YES ignore >>SFN-SFN Measurement Value Information - - - - >>Fransmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission M INTEGER (0100) According to mapping in [22] and [23] YES ignore >>HS-PDSCH Or HS- SCCH Transmission M INTEGER (0100) - - >>HS-DSCH M 9.2.1.311c YES ignore				(010,)			
Access Preambles M INTEGER (0240,) According to mapping in [22] - >>Additional Common Measurement Values - - - >>UTRAN GPS Timing Of Cell Frames for UE - - - >>UTRAN GPS Timing Of Cell Frames for UE M 9.2.1.64A YES ignore >>>TUREN-GPB Measurement Value Information M 9.2.1.53E - - >>SFN-SFN Measurement Value Information 9.2.1.53E YES ignore >>SFN-SFN Measurement Value Information 9.2.1.53E YES ignore >>SFN-SFN Measurement Value Information - - - >>SFN-SEN Measurement Value Information - - - >>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission INTEGER (0100) According to mapping in [22] and [23] YES ignore >>HS-SDSCH - - - - - - >>HS-SDSCH - - - - - - >>Transmission Value - - - - - - >>HS-SDSCH - - -					FDD Only	_	
>>Detected M INTEGER According to mapping - Preambles - - - >>Additional Common - - - Measurement Values - - - >>UTRAN GPS - - - Timing Of Cell - - - Frames for UE - - - Positioning M 9.2.1.64A YES ignore Measurement - - - - Value Information - - - - >>SFN-SFN M 9.2.1.53E YES ignore Weasurement - - - - >SFN-SFN M 9.2.1.53E - - - Observed Time - - - - - Difference - - - - - >>Transmitted - - - - - Carrier Power Of All (0100) INTEGER According to mapping in [22] and [23] YES </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
PCPCH Access (0240,) in [22] Preambles - >Additional Common - Measurement Values - >>UTRAN GPS - Timing Of Cell - Preambles - Pressioning 9.2.1.64A Positioning 9.2.1.64A Positioning - Present - Positioning - Po		Μ		INTEGER	According to mapping	_	
>Additional Common — Measurement Values — >>UTRAN GPS — Timing Of Cell — Frames for UE — Positioning — >>>Turnan-GPS M Measurement 9.2.1.64A YES Value Information — >>>SFN-SFN M Observed Time — Difference — >>>SFN-SFN M Value Information 9.2.1.53E YES ignore Measurement 9.2.1.53E Value Information — >>Transmitted — Carrier Power Of All — Codes Not Used — For HS-PDSCH Or HS-SCCH Transmission [0100) All Codes Not [0100) Used For HS- — PDSCH Or HS- SCCH SCH — Transmission — Value — >>HS-DSCH M Required Power — >>SHS-DSCH <td>PCPCH Access</td> <td></td> <td></td> <td>(0240,)</td> <td></td> <td></td> <td></td>	PCPCH Access			(0240,)			
Measurement Values							
>>UTRAN GPS - - - Timing Of Cell Frames for UE - - - Positioning 9.2.1.64A YES ignore >>>TUTRAN-GPS M 9.2.1.64A YES ignore Weasurement Value Information - - - >>SFN-SFN M 9.2.1.53E YES ignore Difference - - - - >>SFN-SFN M 9.2.1.53E YES ignore >>SFN-SFN M 9.2.1.53E YES ignore >>Transmitted - - - - Carrier Power Of All - - - - Codes Not Used - - - - - YES ignore - - - - - >>Transmitted M INTEGER According to mapping YES ignore - - - - - - Used For HS- - - - - -						-	
Timing Of Cell Frames for UE PositioningM9.2.1.64AYESignore>>>TUTRAN-CPS Measurement Value InformationM9.2.1.64AYESignore>>>FUTRAN-CPS DifferenceM9.2.1.53E>>>SFN-SFN Ulle InformationM9.2.1.53EYESignore>>>SFN-SFN Value InformationM9.2.1.53EYESignore>>>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH TransmittedMINTEGER (0100)According to mapping in [22] and [23]YESignore>>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH TransmitsionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH or HS-SDSCH ValueM9.2.1.31lcYESignore							
Frames for UE Positioning Positioning M 9.2.1.64A YES ignore >>>SFN-SFN Observed Time Difference 9.2.1.64A YES ignore - >>SFN-SFN Observed Time Difference - - - - >>>SFN-SFN Measurement Value Information M 9.2.1.53E YES ignore >>>SFN-SFN Measurement Value Information 9.2.1.53E YES ignore >>>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission M INTEGER (0100) According to mapping in [22] and [23] YES ignore >>>Transmission M INTEGER (0100) According to mapping in [22] and [23] YES ignore >>HS-DSCH Transmission M 9.2.1.31lc YES ignore						_	
PositioningM9.2.1.64AYESignore>>>SFN-SFN Observed Time DifferenceObserved Time Difference9.2.1.53EYESignore>>>SFN-SFN Measurement Value Information9.2.1.53EYESignore>>>SFN-SFN Measurement Value Information9.2.1.53EYESignore>>>Transmitted Codes Not Used For HS-PDSCH Or HS-SCCH Transmission>>>Transmitted Carrier Power Of All Used For HS- PDSCH Or HS- SSCCHMINTEGER (0100)According to mapping in [22] and [23]YESignore>>>Transmission ValueMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required Power ValueM9.2.1.31LYESignore							
>>>Turran-gPS Measurement Value Information M 9.2.1.64A YES ignore >>>SFN-SFN Observed Time Difference - - - >>>SFN-SFN Measurement Value Information M 9.2.1.53E YES ignore >>>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmisted M INTEGER (0100) - - >>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission M INTEGER (0100) According to mapping in [22] and [23] YES ignore >>HS-DSCH M 9.2.1.31L YES ignore							
Measurement Value Information - >>SFN-SFN Observed Time Difference - >>>SFN-SFN Measurement Value Information M 9.2.1.53E YES ignore >>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission - - - >>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission M INTEGER (0100) According to mapping in [22] and [23] YES ignore >>HS-DSCH Required Power - - - - - >>HS-DSCH M 9.2.1.31lc YES ignore		M		921644		VES	ianore
Value InformationImage: constraint of the system of the syste		101		0.2.1.04/1		120	ignore
Observed Time DifferenceM9.2.1.53EYESignore>>>SFN-SFNM9.2.1.53EYESignoreMeasurement Value Information9.2.1.53EYESignore>>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmisted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH TransmissionINTEGER (0100)According to mapping in [22] and [23]YESignore>>>TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required PowerM9.2.1.31lcYESignore							
Difference>>>SFN-SFNM9.2.1.53EYESignoreMeasurement Value Information9.2.1.53EYESignore>>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission>>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required PowerM9.2.1.31lc>>>HS-DSCHM9.2.1.31lcYESignore	>>SFN-SFN					_	
>>>SFN-SFN Measurement Value InformationM9.2.1.53EYESignore>>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission>>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required Power>>>HS-DSCH Required PowerM9.2.1.311cYESignore	Observed Time						
Measurement Value InformationMeasurement Value InformationMeasurement Value Information>>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission->>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YES>>SCCH Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required Power>>>HS-DSCH Required PowerM9.2.1.311cYESignore	Difference						
Value InformationImage: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH TransmissionImage: Constraint of Carrier Power Of All Codes Not Used For HS-SCCH TransmissionImage: Constraint of Carrier Power Of All Codes Not Used (0100)Image: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH (0100)Image: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH TransmissionImage: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH TransmissionImage: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH TransmissionImage: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH TransmissionImage: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH OR HS-PDSCH TransmissionImage: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH OR HS-PDSCH TransmissionImage: Constraint of Carrier Power Of All Codes Not Used For HS-PDSCH OR HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constraint of Carrier Power OF All Codes Not Used For HS-PDSCH TransmissionImage: Constrain		Μ		9.2.1.53E		YES	ignore
>>Transmitted - Carrier Power Of All - Codes Not Used - For HS-PDSCH Or - HS-SCCH - Transmission M >>>Transmitted M Carrier Power Of According to mapping All Codes Not (0100) Used For HS- (0100) PDSCH Or HS- - PDSCH Or HS- - SCCH - Transmission - Value - >>HS-DSCH M >>HS-DSCH M >>HS-DSCH M							
Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>BCCH Transmission Value>>HS-DSCH Required PowerM9.2.1.311cYESignore							
Codes Not Used For HS-PDSCH Or HS-SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>>Transmisted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission ValueMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required Power>>HS-DSCHM9.2.1.31lcYESignore						_	
For HS-PDSCH Or HS-SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission ValueMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required Power>>HS-DSCHM9.2.1.31lcYESignore							
HS-SCCH TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission ValueMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required Power>>HS-DSCH MM9.2.1.31lcYESignore							
TransmissionMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required PowerMINTEGER (0100)According to mapping in [22] and [23]YESignore>>HS-DSCH Required PowerM9.2.1.311cYESignore							
>>>Transmitted M INTEGER According to mapping YES ignore Carrier Power Of All Codes Not (0100) in [22] and [23] YES ignore All Codes Not Used For HS- PDSCH Or HS- SCCH INTEGER In [22] and [23] YES ignore >>HS-DSCH - - - - - - >>HS-DSCH M 9.2.1.31lc YES ignore -							
Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission Value(0100)in [22] and [23]>>HS-DSCH Required Power->>HS-DSCH M9.2.1.31lcYES		М		INTEGER	According to mapping	YES	ianore
All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission Value >>HS-DSCH Required Power >>HS-DSCH M 9.2.1.31lc YES ignore							3.2.2
PDSCH Or HS- SCCH Transmission Value - >>HS-DSCH Required Power - >>HS-DSCH 9.2.1.31lc YES ignore	All Codes Not			,			
SCCH SCCH Transmission Image: Constraint of the second se							
Transmission Value Image: Constraint of the second secon							
Value Image: Constraint of the second seco							
>>HS-DSCH Required Power->>>HS-DSCHM9.2.1.31lcYESYESignore							
Required Power							
>>>HS-DSCH M 9.2.1.31lc YES ignore						-	
		NA		0.2.1.2110		VES	ignore
	>>>HS-DSCH Required Power	IVI		9.2.1.3110		TEO	ignore
Value Information							

>>HS-DSCH					-	
Provided Bit Rate	М		0.0.1.011b		VES	ignoro
>>>HS-DSCH Provided Bit Rate Value Information	IVI		9.2.1.31lb		YES	ignore
>>Transmitted					_	
Carrier Power For						
Cell Portion				EDD Oak		
>>>Transmitted Carrier Power		1< maxNrO		FDD Only	GLOBAL	ignore
For Cell Portion		fCellPor				
Value		tions>				
>>>Cell	М		9.2.2.1Ca		-	
Portion ID >>>>Transmitte	М		INTEGER	According to mapping	_	
d Carrier Power			(0100)	in [22]		
Value			· · ·			
>>Received Total					_	
Wide Band Power For Cell Portion						
>>>Received		1<		FDD Only	GLOBAL	ignore
Total Wide Band		maxNrO				C
Power For Cell		fCellPor				
Portion Value >>>Cell	М	tions>	9.2.2.1Ca		_	
Portion ID	101		5.2.2.10a			
>>>Received	М		INTEGER	According to mapping	-	
Total Wide			(0621)	in [22]		
Band Power Value						
>>Transmitted					_	
Carrier Power Of All						
Codes Not Used						
For HS-PDSCH Or HS-SCCH						
Transmission For						
Cell Portion						
>>>Transmitted		1<		FDD Only	GLOBAL	ignore
Carrier Power Of All Codes Not		maxNrO fCellPor				
Used For HS-		tions>				
PDSCH Or HS-						
SCCH						
Transmission For Cell Portion						
Value						
>>>Cell	М		9.2.2.1Ca		_	
Portion ID				Assertion		
>>>>Transmitte d Carrier Power	М		INTEGER (0100)	According to mapping in [22]	-	
Of All Codes			(0100)	··· [←←]		
Not Used For						
HS-PDSCH Or						
HS-SCCH Transmission						
Value						
>>UpPTS				1.28Mcps TDD Only	-	
interference						
>>>UpPTS interference Value	М		INTEGER (0127,)	According to mapping in [23]	YES	reject
>>DL Transmission			(0121,)	111 [20]	=	
<u>Branch Load</u>						
>>NodeB DL	M		<u>9.2.1.xx</u>		<u>YES</u>	ignore
<u>Transmission</u> Branch Load						
Values						
<u></u>	1		1			

Range Bound	Explanation
MaxNrOfCellPortions	Maximum number of Cell Portions in a cell

TEXT OMITTED

9.2.1.44 Measurement Threshold

The Measurement Threshold defines which threshold that shall trigger Event A, B, E, F or On Modification.

IE/Group Name	Presence	Range	IE Type and Reference	Semantics Description	Criticality	Assigned Criticality
CHOICE Measurement Threshold	М				_	
>Received Total					_	
Wide Band Power						
>>Received Total	М		INTEGER	According to mapping	_	
Wide Band Power			(0621)	in [22] and [23]		
>Transmitted Carrier					_	
Power						
>>Transmitted	М		INTEGER	According to mapping	-	
Carrier Power			(0100)	in [22] and [23]		
>Acknowledged				FDD only	_	
PRACH Preambles						
>>Acknowledged	М		INTEGER	According to mapping	-	
PRACH Preambles			(0240,)	in [22]		
>UL Timeslot ISCP				TDD only	_	
>>UL Timeslot	М		INTEGER	According to mapping	_	
ISCP			(0127)	in [23]		
>SIR					-	
>>SIR	М	İ	INTEGER	According to mapping	-	
			(063)	in [22] and [23]		
>SIR Error	l	Ī		FDD only	-	1
>>SIR Error	М		INTEGER	According to mapping	_	
			(0125)	in [22]		
>Transmitted Code					_	
Power						
>>Transmitted	М		INTEGER	According to mapping	_	
Code Power			(0127)	in [22] and [23]		
>RSCP			l` í	TDD only	_	
>>RSCP	М		INTEGER	According to mapping	_	
			(0127)	in [23]		
>Rx Timing Deviation				Applicable to	_	
3				3.84Mcps TDD only		
>>Rx Timing	М		INTEGER	According to mapping	_	
Deviation			(08191)	in [23]		
>Round Trip Time				FDD only	_	
>>Round Trip Time	М		INTEGER	According to mapping	_	
			(032767)	in [22]		
>Acknowledged			· · · · · ·	FDD only	_	
PCPCH Access				5		
Preambles						
>>Acknowledged	М		INTEGER	According to mapping	_	
PCPCH Access			(015,)	in [22]		
Preambles						
>Detected PCPCH				FDD only	_	
Access Preambles						
>>Detected	М		INTEGER	According to mapping	_	
PCPCH Access			(0240,)	in [22]		
Preambles			· · ·			
>Additional	l				_	
Measurement						
Thresholds						
>>UTRAN GPS	l	Ī	1		-	1
Timing Of Cell						
Frames For UE						
Positioning						
>>>TUTRAN-GPS	М		9.2.1.64B		YES	reject
Measurement						-
Threshold						
Information						
>>SFN-SFN	l	Ī	1		-	
Observed Time						
Difference						
>>>SFN-SFN	М		9.2.1.53C		YES	reject
Measurement			_		_	,
Threshold	1	1	1		1	1

Information					
>>Rx Timing			Applicable to	-	
Deviation LCR >>>Rx Timing	М	INTEGER	1.28Mcps TDD Only According to mapping	YES	rojoot
Deviation LCR	IVI	(0511)	in [23] Applicable to TDD	TES	reject
>>HS-SICH Reception Quality			Only	-	
>>>HS-SICH Reception Quality	М	INTEGER (020)	According to mapping in [23]	YES	reject
>>Transmitted		(020)	111 [23]	_	
Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission					
>>>Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission	M	INTEGER (0100)	According to mapping in [22] and [23]	YES	reject
>>HS-DSCH Required Power				_	
>>>HS-DSCH Required Power	М	9.2.1.31lba		YES	reject
Value >>Transmitted Carrier Power For Cell Portion			FDD only	-	
>>>Transmitted Carrier Power For Cell Portion	M	INTEGER (0100)	Mapping identical to the one for Transmitted Carrier Power measurement in [22]	YES	reject
>>Received Total Wide Band Power For Cell Portion			FDD only	-	
>>>Received Total Wide Band Power For Cell Portion	Μ	INTEGER (0621)	Mapping identical to the one for Received Total Wide Band Power measurement in [22]	YES	reject
>>Transmitted Carrier Power Of All Codes Not Used For HS-PDSCH Or HS-SCCH Transmission For Cell Portion			FDD only	_	
>>> Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS- SCCH Transmission Value For Cell Portion	Μ	INTEGER (0100)	Mapping identical to the one for Transmitted Carrier Power Of All Codes Not Used For HS- PDSCH Or HS-SCCH Transmission measurement in [22]	YES	reject
>>UpPTS interference			1.28Mcps TDD Only	-	
>>>UpPTS interference Value	М	INTEGER (0127,)	According to mapping in [23]	YES	reject
Solution State		(0121,)		=	
<u>>>>DL</u> Transmission	M	<u>INTEGER</u> (0101,)	According to mapping in [22]	YES	reject

<u>Value</u>

TEXT OMITTED

9.2.1.xx NodeB DL Transmission Branch Load Values

The *NodeB DL Transmission Branch Load Values* IE reports all DL Transmission Branch Loads of the Node B and the respective affected cells.

IE/Group Name	Presence	<u>Range</u>	<u>IE Type and</u> <u>Reference</u>	Semantics Description
<u>NodeB DL Transmission</u> Branch Load Values		<u>1<maxce< u=""> <u>IlinNodeB></u></maxce<></u>		
<u>>DL Transmission Branch</u> Load	M		<u>INTEGER</u> (0101)	According to mapping in [22]
<u>>Cell-IDs</u>		<u>1<maxce< u=""> <u>IlinNodeB></u></maxce<></u>		
<u>>>C-ID</u>	<u>M</u>		<u>9.2.1.9</u>	

Range Bound	Explanation
<u>maxCellinNodeB</u>	Maximum number of Cells in a Node B

TEXT OMITTED

	9.3.3 PDU Definitions	

	 PDU definitions for NBAP.	

	NBAP-PDU-Contents { itu-t (0) identified-organization (4) etsi (0) mobileDomain (0) umts-Access (20) modules (3) nbap (2) version1 (1) nbap-PDU-Conten	ts (1) }
	DEFINITIONS AUTOMATIC TAGS ::=	
	BEGIN	
	<pre> ***********************************</pre>	
	IMPORTS Active-Pattern-Sequence-Information, AddorDeleteIndicator, AICH-Power,	TEXT OMITTED
1	<pre>id-multipleRL-ul-DPCH-InformationList, id-multipleRL-ul-DPCH-InformationModifyList, id-NCyclesPerSFNperiod, id-NeighbouringCellMeasurementInformation, <u>id-NodeB-CM-choice,</u> id-NodeB-CommunicationContextID, id-NRepetitionsPerCyclePeriod, id-NumberOfReportedCellPortions, id-P-CCPCH-Information,</pre>	TEXT OMITTED
	<pre>maxNrOfSyncFramesLCR, maxNrOfReceptionsperSyncFrameLCR, maxNrOfSyncDLCodesLCR, maxNrOfMACdFlows FROM NBAP-Constants;</pre>	TEXT OMITTED

	COMMON MEASUREMENT INITIATION REQUEST	

- -

Release 6 16 3GPP TS 25.433 v6.3.0 (2004-09) CommonMeasurementInitiationReguest ::= SEQUENCE { protocolIEs ProtocolIE-Container {{CommonMeasurementInitiationRequest-IEs}}, protocolExtensions ProtocolExtensionContainer {{CommonMeasurementInitiationRequest-Extensions}} OPTIONAL, . . . CommonMeasurementInitiationRequest-IEs NBAP-PROTOCOL-IES ::= { ID id-MeasurementID CRITICALITY reject TYPE MeasurementID PRESENCE mandatory } ID id-CommonMeasurementObjectType-CM-Rqst CRITICALITY reject TYPE CommonMeasurementObjectType-CM-Rqst PRESENCE mandatory } ID id-CommonMeasurementType CRITICALITY reject TYPE CommonMeasurementType PRESENCE mandatory } | ID id-MeasurementFilterCoefficient CRITICALITY reject TYPE MeasurementFilterCoefficient PRESENCE optional } ID id-ReportCharacteristics CRITICALITY reject TYPE ReportCharacteristics PRESENCE mandatory } ID id-SFNReportingIndicator CRITICALITY reject TYPE FNReportingIndicator PRESENCE mandatory } | ID id-SFN CRITICALITY reject TYPE SFN PRESENCE optional }, . . . CommonMeasurementInitiationRequest-Extensions NBAP-PROTOCOL-EXTENSION ::= { {ID id-CommonMeasurementAccuracy CRITICALITY reject EXTENSION CommonMeasurementAccuracy PRESENCE optional} { ID id-MeasurementRecoveryBehavior CRITICALITY ignore EXTENSION MeasurementRecoveryBehavior PRESENCE optional }, . . . CommonMeasurementObjectType-CM-Rqst ::= CHOICE { cell Cell-CM-Rqst, rACH RACH-CM-Rqst, CPCH CPCH-CM-Rqst, · · · <u>/</u> extension-CommonMeasurementObjectType-CM-Rqst Extension-CommonMeasurementObjectType-CM-Rqst Cell-CM-Rqst ::= SEQUENCE { C-TD C-ID, timeSlot OPTIONAL, -- Applicable to 3.84Mcps TDD only TimeSlot iE-Extensions ProtocolExtensionContainer { { CellItem-CM-Rqst-ExtIEs } } OPTIONAL, . . . CellItem-CM-Rqst-ExtIEs NBAP-PROTOCOL-EXTENSION ::= { { ID id-TimeSlotLCR-CM-Rqst CRITICALITY reject EXTENSION TimeSlotLCR PRESENCE optional } -- Applicable to 1.28Mcps TDD only {ID id-NeighbouringCellMeasurementInformation CRITICALITY ignore EXTENSION NeighbouringCellMeasurementInformation PRESENCE optional }, . . . RACH-CM-Rqst ::= SEQUENCE { C-ID, c-ID commonTransportChannelID CommonTransportChannelID, iE-Extensions ProtocolExtensionContainer { { RACHItem-CM-Rqst-ExtIEs } } OPTIONAL,

3GPP TS 25.433 v6.3.0 (2004-09)

Release 6

```
17
    . . .
RACHItem-CM-Rqst-ExtIEs NBAP-PROTOCOL-EXTENSION ::= {
    . . .
}
CPCH-CM-Rqst ::= SEOUENCE {
   c-ID
                                 C-ID,
   commonTransportChannelID
                                 CommonTransportChannelID,
   spreadingfactor
                                 MinUL-ChannelisationCodeLength
                                                                   OPTIONAL,
                                 ProtocolExtensionContainer { { CPCHItem-CM-Rqst-ExtIEs } }
   iE-Extensions
                                                                                                             OPTIONAL,
    . . .
CPCHItem-CM-Rqst-ExtIEs NBAP-PROTOCOL-EXTENSION ::= {
    . . .
}
Extension-CommonMeasurementObjectType-CM-Rqst ::= ProtocolIE-Single-Container {{ Extension-CommonMeasurementObjectType-CM-RqstIE }}
Extension-CommonMeasurementObjectType-CM-RgstIE NBAP-PROTOCOL-IES ::={
   { ID id-NodeB-CM-choice
                                                 CRITICALITY reject
                                                                       TYPE NULL
                                                                                                               PRESENCE mandatory
Ł
   _ _
-- COMMON MEASUREMENT INITIATION RESPONSE
_ _
  CommonMeasurementInitiationResponse ::= SEQUENCE {
   protocolIEs
                          ProtocolIE-Container
                                                 {{CommonMeasurementInitiationResponse-IEs}},
                          ProtocolExtensionContainer {{CommonMeasurementInitiationResponse-Extensions}}
   protocolExtensions
                                                                                                               OPTIONAL.
    . . .
}
CommonMeasurementInitiationResponse-IEs NBAP-PROTOCOL-IES ::= {
     ID id-MeasurementID
                                                 CRITICALITY ignore
                                                                       TYPE MeasurementID
                                                                                                               PRESENCE mandatory }
     ID id-CommonMeasurementObjectType-CM-Rsp
                                                 CRITICALITY ignore
                                                                       TYPE CommonMeasurementObjectType-CM-Rsp
                                                                                                               PRESENCE optional }
     ID id-SFN
                                                 CRITICALITY ignore
                                                                       TYPE SFN
                                                                                                               PRESENCE optional }
    { ID id-CriticalityDiagnostics
                                                 CRITICALITY ignore
                                                                                                               PRESENCE optional },
                                                                       TYPE CriticalityDiagnostics
    . . .
CommonMeasurementInitiationResponse-Extensions NBAP-PROTOCOL-EXTENSION ::= {
    { ID id-CommonMeasurementAccuracy
                                                                EXTENSION CommonMeasurementAccuracy
                                         CRITICALITY ignore
                                                                                                              PRESENCE optional }
    { ID id-MeasurementRecoverySupportIndicator
                                                    CRITICALITY ignore
                                                                           EXTENSION MeasurementRecoverySupportIndicator PRESENCE optional
    },
    . . .
```

3GPP TS 25.433 v6.3.0 (2004-09)

```
CommonMeasurementObjectType-CM-Rsp ::= CHOICE {
    cell
                                Cell-CM-Rsp,
                                 RACH-CM-Rsp,
    rACH
    cPCH
                                 CPCH-CM-Rsp,
    · · · <u>/</u>
    extension-CommonMeasurementObjectType-CM-Rsp
                                                         Extension-CommonMeasurementObjectType-CM-Rsp
Cell-CM-Rsp ::= SEQUENCE {
    commonMeasurementValue
                                     CommonMeasurementValue,
    iE-Extensions
                                     ProtocolExtensionContainer { { CellItem-CM-Rsp-ExtIEs } }
                                                                                                                       OPTIONAL,
    . . .
CellItem-CM-Rsp-ExtIEs NBAP-PROTOCOL-EXTENSION ::= {
    . . .
RACH-CM-Rsp ::= SEQUENCE {
    commonMeasurementValue
                                     CommonMeasurementValue,
    iE-Extensions
                                     ProtocolExtensionContainer { { RACHItem-CM-Rsp-ExtIEs } }
                                                                                                                       OPTIONAL,
    . . .
 }
RACHItem-CM-Rsp-ExtIEs NBAP-PROTOCOL-EXTENSION ::= {
    . . .
}
CPCH-CM-Rsp ::= SEQUENCE {
    commonMeasurementValue
                                     CommonMeasurementValue,
                                     ProtocolExtensionContainer { { CPCHItem-CM-Rsp-ExtIEs } }
    iE-Extensions
                                                                                                                       OPTIONAL,
    . . .
}
CPCHItem-CM-Rsp-ExtIEs NBAP-PROTOCOL-EXTENSION ::= {
    . . .
ļ
Extension-CommonMeasurementObjectType-CM-Rsp ::= ProtocollE-Single-Container {{ Extension-CommonMeasurementObjectType-CM-RspIE }}
Extension-CommonMeasurementObjectType-CM-RspIE NBAP-PROTOCOL-IES ::={
     ID id-NodeB-CM-choice
                                                     CRITICALITY reject
                                                                              TYPE NodeB-CM-Rsp
                                                                                                                       PRESENCE mandatory }
NodeB-CM-Rsp ::= SEQUENCE
    commonMeasurementValue
                                     CommonMeasurementValue,
    iE-Extensions
                                     ProtocolExtensionContainer { { NodeBItem-CM-Rsp-ExtIEs } }
                                                                                                                       OPTIONAL,
NodeBitem-CM-Rsp-ExtIEs NBAP-PROTOCOL-EXTENSION ::= {
```

18

Release 6

19

-- COMMON MEASUREMENT INITIATION FAILURE CommonMeasurementInitiationFailure ::= SEQUENCE { protocolIEs ProtocolIE-Container {{CommonMeasurementInitiationFailure-IEs}}, ProtocolExtensionContainer {{CommonMeasurementInitiationFailure-Extensions}} protocolExtensions OPTIONAL, . . . CommonMeasurementInitiationFailure-IEs NBAP-PROTOCOL-IES ::= { ID id-MeasurementID CRITICALITY ignore TYPE MeasurementID PRESENCE mandatory ΤD id-Cause CRITICALITY ignore TYPE Cause PRESENCE mandatory ID id-CriticalityDiagnostics CRITICALITY ignore TYPE CriticalityDiagnostics PRESENCE optional }, . . . CommonMeasurementInitiationFailure-Extensions NBAP-PROTOCOL-EXTENSION ::= { . . . _ _ -- COMMON MEASUREMENT REPORT _ _ CommonMeasurementReport ::= SEQUENCE { ProtocolIE-Container { {CommonMeasurementReport-IEs } }, protocolIEs ProtocolExtensionContainer {{CommonMeasurementReport-Extensions}} protocolExtensions OPTIONAL, . . . CommonMeasurementReport-IEs NBAP-PROTOCOL-IES ::= { ID id-MeasurementID CRITICALITY ignore PRESENCE mandatory TYPE MeasurementID ID id-CommonMeasurementObjectType-CM-Rprt CRITICALITY ignore TYPE CommonMeasurementObjectType-CM-Rprt PRESENCE mandatory { ID id-SFN CRITICALITY ignore TYPE SFN PRESENCE optional }, . . . CommonMeasurementReport-Extensions NBAP-PROTOCOL-EXTENSION ::= { { ID id-MeasurementRecoveryReportingIndicator CRITICALITY ignore EXTENSION MeasurementRecoveryReportingIndicator PRESENCE optional }, . . . ļ CommonMeasurementObjectType-CM-Rprt ::= CHOICE { Cell-CM-Rprt, cell rACH RACH-CM-Rprt, CPCH CPCH-CM-Rprt,

Release 6	20	3GPP TS 25.433 v6.3.0 (2004-09)
extension-CommonMeasurementObjectType-CM-Rpr	t Extension-CommonMeasurementObjectType-CM-Rprt	
<pre>} Cell-CM-Rprt ::= SEQUENCE { commonMeasurementValueInformation CommonMeas iE-Extensions ProtocolExten } CellItem-CM-Rprt-ExtIEs NBAP-PROTOCOL-EXTENSION</pre>	nsionContainer {{ CellItem-CM-Rprt-ExtIEs }}	OPTIONAL,
}		
RACH-CM-Rprt ::= SEQUENCE { commonMeasurementValueInformation CommonMea iE-Extensions ProtocolExter }	asurementValueInformation, nsionContainer {{ RACHItem-CM-Rprt-ExtIEs }}	OPTIONAL,
RACHItem-CM-Rprt-ExtIEs NBAP-PROTOCOL-EXTENSION	::= {	
}		
CPCH-CM-Rprt ::= SEQUENCE { commonMeasurementValueInformation CommonMe iE-Extensions ProtocolExter }	asurementValueInformation, nsionContainer {{ CPCHItem-CM-Rprt-ExtIEs }}	OPTIONAL,
CPCHItem-CM-Rprt-ExtIEs NBAP-PROTOCOL-EXTENSION	::= {	
}		
Extension-CommonMeasurementObjectType-CM-Rprt	::= ProtocolIE-Single-Container {{ Extension-CommonMeasur	<pre>ementObjectType-CM-RprtIE }}</pre>
Extension-CommonMeasurementObjectType-CM-RprtIE { ID id-NodeB-CM-choice	NBAP-PROTOCOL-IES ::={ CRITICALITY reject TYPE NodeB-CM-Rprt	PRESENCE mandatory }
NodeB-CM-Rprt ::= SEQUENCE { commonMeasurementValueInformation CommonMeasurementValueInformation iE-Extensions Protocol	asurementValueInformation, ExtensionContainer { { NodeBItem-CM-Rprt-ExtIEs} }	OPTIONAL,
IE-EXCENSIONS Protocol.	ExtensionContainer NOUESILEM-KPIL-EXTIES }	OPIIONAL,
L NodeBitem-CM-Rprt-ExtIEs NBAP-PROTOCOL-EXTENSION	::= {	

TEXT OMITTED

```
Information Elements Definitions
9.3.4
_ _
-- Information Element Definitions
_ _
NBAP-IEs {
itu-t (0) identified-organization (4) etsi (0) mobileDomain (0)
umts-Access (20) modules (3) nbap (2) version1 (1) nbap-IEs (2) }
DEFINITIONS AUTOMATIC TAGS ::=
BEGIN
IMPORTS
   maxNrOfRLs,
   maxNrOfTFCs,
   maxNrOfErrors,
   maxCTFC,
   maxNrOfTFs,
   maxTTI-count,
   maxRateMatching,
   maxCodeNrComp-1,
   maxHS-PDSCHCodeNrComp-1,
   maxHS-SCCHCodeNrComp-1,
   maxNrOfCellSyncBursts,
   maxNrOfCodeGroups,
   maxNrOfMeasNCell,
   maxNrOfMeasNCell-1,
   maxNrOfReceptsPerSyncFrame,
   maxNrOfTFCIGroups,
   maxNrOfTFCI1Combs,
   maxNrOfTFCI2Combs,
   maxNrOfTFCI2Combs-1,
   maxNrOfSF,
   maxTGPS,
   maxNrOfUSCHs,
   maxNrOfULTSs,
   maxNrOfULTSLCRs,
   maxNrOfDPCHs,
   maxNrOfDPCHLCRs,
   maxNrOfCodes,
   maxNrOfDSCHs,
   maxNrOfDLTSs,
   maxNrOfDLTSLCRs,
   maxNrOfDCHs,
   maxNrOfLevels,
   maxNoGPSItems,
```

3GPP TS 25.433 v6.3.0 (2004-09)

maxNoSat, maxNrOfCellPortionsPerCell, maxNrOfCellPortionsPerCell-1. maxNrOfHSSCCHs, maxNrOfHSSCCHCodes. maxNrOfMACdFlows, maxNrOfMACdFlows-1, maxNrOfMACdPDUIndexes, maxNrOfMACdPDUIndexes-1, maxNrOfPriorityOueues, maxNrOfPriorityQueues-1, maxNrOfHARQProcesses, maxNrOfSvncDLCodesLCR, maxNrOfSyncFramesLCR, maxNrOfContextsOnUeList, maxNrOfPriorityClasses, maxNrOfSatAlmanac-maxNoSat, id-MessageStructure, id-ReportCharacteristicsType-OnModification, id-Rx-Timing-Deviation-Value-LCR, id-SFNSFNMeasurementValueInformation, id-SFNSFNMeasurementThresholdInformation, id-TUTRANGPSMeasurementValueInformation, id-TUTRANGPSMeasurementThresholdInformation, id-TypeOfError, id-transportlayeraddress, id-bindingID, id-Angle-Of-Arrival-Value-LCR, id-SyncDLCodeIdThreInfoLCR, id-neighbouringTDDCellMeasurementInformationLCR, id-HS-SICH-Reception-Quality, id-HS-SICH-Reception-Quality-Measurement-Value, id-Initial-DL-Power-TimeslotLCR-InformationItem, id-Maximum-DL-Power-TimeslotLCR-InformationItem, id-Minimum-DL-Power-TimeslotLCR-InformationItem, id-Received-total-wide-band-power-For-CellPortion, id-Received-total-wide-band-power-For-CellPortion-Value, id-Transmitted-Carrier-Power-For-CellPortion, id-Transmitted-Carrier-Power-For-CellPortion-Value, id-TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmission. id-TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmissionCellPortion. id-TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmissionCellPortionValue, id-HS-DSCHRequiredPowerValueInformation, id-HS-DSCHProvidedBitRateValueInformation, id-HS-DSCHRequiredPowerValue, id-Best-Cell-Portions-Value, id-Unidirectional-DCH-Indicator, id-SAT-Info-Almanac-ExtItem, id-TnlQos, id-UpPTSInterferenceValue, id-DLTransmissionBranchLoadValue

FROM NBAP-Constants

acknowledged-prach-preambles

uL-TimeslotISCP

Criticality, ProcedureID, ProtocolIE-ID, TransactionID, TriggeringMessage FROM NBAP-CommonDataTypes NBAP-PROTOCOL-IES, ProtocolExtensionContainer{}, ProtocolIE-Single-Container{}, NBAP-PROTOCOL-EXTENSION FROM NBAP-Containers; -- A AckNack-RepetitionFactor ::= INTEGER (1..4,...) -- Step: 1 TEXT OMITTED CommonMeasurementAccuracy ::= CHOICE { tUTRANGPSMeasurementAccuracyClass TUTRANGPSAccuracyClass, . . . CommonMeasurementType ::= ENUMERATED { received-total-wide-band-power, transmitted-carrier-power, acknowledged-prach-preambles, ul-timeslot-iscp, acknowledged-PCPCH-access-preambles, detected-PCPCH-access-preambles, ..., uTRAN-GPS-Timing-of-Cell-Frames-for-UE-Positioning, sFN-SFN-Observed-Time-Difference, transmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmission, hS-DSCH-Required-Power, hS-DSCH-Provided-Bit-Rate, received-total-wide-band-power-for-cellPortion, transmitted-carrier-power-for-cellPortion, transmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmission-for-cellPortion, upPTS-Interference, DLTransmissionBranchLoad CommonMeasurementValue ::= CHOICE { transmitted-carrier-power Transmitted-Carrier-Power-Value, received-total-wide-band-power Received-total-wide-band-power-Value,

Acknowledged-PRACH-preambles-Value,

UL-TimeslotISCP-Value,

Release 6	24	3GPP TS 25.433 v6.3.0 (2004-09)
acknowledged-PCPCH-access-preambles detected-PCPCH-access-preambles	Acknowledged-PCPCH-access-preambles, Detected-PCPCH-access-preambles,	
<pre>, extension-CommonMeasurementValue }</pre>	Extension-CommonMeasurementValue	
Extension-CommonMeasurementValue ::= Pro	tocolIE-Single-Container {{ Extension-CommonMeasurementValueIE }}	
<pre>Extension-CommonMeasurementValueIE NBAP-PRG { ID id-TUTRANGPSMeasurementValueInform</pre>	CRITICALITY ignore TYPE TUTRANGPSMeasurementValueInfo con CRITICALITY ignore TYPE SFNSFNMeasurementValueInforma lesNotUsedForHS-PDSCHOrHS-SCCHTransmission CRITICALITY ignore TYPE HS-PDSCHOrHS-SCCHTransmissionValue PRESENCE mandatory } mation CRITICALITY ignore TYPE HS-DSCHRequir	tion PRESENCE mandatory } edPower PRESENCE
mandatory }		
<pre>mandatory } { ID id-Received-total-wide-band-power- PRESENCE mandatory } </pre>	CellPortion-Value CRITICALITY ignore TYPE Transmitted-Carrier-Power-For For-CellPortion-Value CRITICALITY ignore TYPE Received-total-wide-b NesNotUsedForHS-PDSCHOrHS-SCCHTransmissionCellPortionValueCRITICALITY ic	and-power-For-CellPortion-Value
TransmittedCarrierPowerOfAllCodesNotUsedFor	HS-PDSCHOrHS-SCCHTransmissionCellPortionValue PRESENCE mandatory TICALITY ignore TYPE UpPTSInterferenceValue PRESENCE mandatory CRITICALITY ignore TYPE NodeBDLTransmissionBranchLoadValu	}
CommonMeasurementValueInformation ::= CHOIC	ув. {	
	rementAvailable,	
measurementnotAvailable CommonMeasu	rementnotAvailable	
}		
	TEXT OMITTED	
NodeB-CommunicationContextID ::= INTEGER ((1048575)	
NodeBDLTransmissionBranchLoadValues ::= SE(SEQUENCE {	UENCE (SIZE (1maxCellinNodeB)) OF	
dLTransmissionBranchLoadValue	DLTransmissionBranchLoadValue,	
	<u>SEQUENCE (SIZE (1maxCellinNodeB)) OF C-ID,</u> ProtocolExtensionContainer { { NodeBDLTransmissionBranchLoadValues-Ext	<pre>IEs } } OPTIONAL,</pre>
<u></u>		
NodeBDLTransmissionBranchLoadValues-ExtIEs	NBAP-PROTOCOL-EXTENSION ::= {	
<u></u>		
DLTransmissionBranchLoadValue ::= INTEGER (0101,)	
NumberOfReportedCellPortions ::= INTEGER (1	maxNrOfCellPortionsPerCell,)	

TEXT OMITTED

ReportCharacteristicsType-MeasurementThreshold ::= CHOICE { received-total-wide-band-power Received-total-wide-band-power-Value, transmitted-carrier-power Transmitted-Carrier-Power-Value, acknowledged-prach-preambles Acknowledged-PRACH-preambles-Value, uL-TimeslotISCP UL-TimeslotISCP-Value, SIR-Value. sir sir-error SIR-Error-Value, transmitted-code-power Transmitted-Code-Power-Value, RSCP-Value, rscp rx-timing-deviation Rx-Timing-Deviation-Value, round-trip-time Round-Trip-Time-Value, acknowledged-PCPCH-access-preambles Acknowledged-PCPCH-access-preambles, detected - PCPCH-access - preambles Detected-PCPCH-access-preambles, ..., extension-ReportCharacteristicsType-MeasurementThreshold Extension-ReportCharacteristicsType-MeasurementThreshold Extension-ReportCharacteristicsType-MeasurementThreshold ::= ProtocolIE-Single-Container {{ Extension-ReportCharacteristicsType-MeasurementThresholdIE }} Extension-ReportCharacteristicsType-MeasurementThresholdIE NBAP-PROTOCOL-IES ::= { ID id-TUTRANGPSMeasurementThresholdInformation CRITICALITY reject TYPE TUTRANGPSMeasurementThresholdInformation PRESENCE mandatory } ID id-SFNSFNMeasurementThresholdInformation CRITICALITY reject TYPE SFNSFNMeasurementThresholdInformation PRESENCE mandatory }| ID id-Rx-Timing-Deviation-Value-LCR CRITICALITY reject TYPE Rx-Timing-Deviation-Value-LCR PRESENCE mandatory | ID id-HS-SICH-Reception-Quality-Measurement-Value CRITICALITY reject TYPE HS-SICH-Reception-Quality-Measurement-Value PRESENCE mandatory ID id-TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmission CRITICALITY reject TYPE TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmissionValue PRESENCE mandatory ID id-HS-DSCHRequiredPowerValue CRITICALITY reject TYPE HS-DSCHRequiredPowerValue PRESENCE mandatory } ID id-Transmitted-Carrier-Power-For-CellPortion CRITICALITY reject TYPE Transmitted-Carrier-Power-Value PRESENCE mandatory } ID id-Received-total-wide-band-power-For-CellPortion CRITICALITY reject TYPE Received-total-wide-band-power-Value PRESENCE mandatory } ID id-TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmissionCellPortion CRITICALITY reject TYPE TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS-SCCHTransmissionValue PRESENCE mandatory } ID id-UpPTSInterferenceValue CRITICALITY reject TYPE UpPTSInterferenceValue PRESENCE mandatory } ID id-DLTransmissionBranchLoadValue CRITICALITY ignore TYPE DLTransmissionBranchLoadValue PRESENCE mandatory } ReportCharacteristicsType-ScaledMeasurementChangeTime ::= CHOICE { MeasurementChangeTime-Scaledmsec, msec . . . TEXT OMITTED

9.3.6 Constant Definitions

-- Constant definitions

NBAP-Constants {
 itu-t (0) identified-organization (4) etsi (0) mobileDomain (0)
 umts-Access (20) modules (3) nbap (2) version1 (1) nbap-Constants (4)}

DEFINITIONS AUTOMATIC TAGS ::=

BEGIN

IMPORTS ProcedureCode, ProtocolIE-ID FROM NBAP-CommonDataTypes;

TEXT OMITTED

id-TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS	S-SCCHTransmissionCellPortion ProtocolIE-ID ::= 620
id-TransmittedCarrierPowerOfAllCodesNotUsedForHS-PDSCHOrHS	S-SCCHTransmissionCellPortionValue ProtocolIE-ID ::= 621
id-UpPTSInterferenceValue	ProtocolIE-ID ::= 622
id-PrimaryCCPCH-RSCP-Delta	ProtocolIE-ID ::= 623
id-MeasurementRecoveryBehavior	ProtocolIE-ID ::= 624
id-MeasurementRecoveryReportingIndicator	ProtocolIE-ID ::= 625
id-MeasurementRecoverySupportIndicator	ProtocolIE-ID ::= 626
id-Tstd-indicator	ProtocolIE-ID ::= 627
<u>id-NodeB-CM-choice</u>	ProtocolIE-ID ::=
id-DLTransmissionBranchLoadValue	ProtocolIE-ID ::=

END

9.3.7 Container Definitions

TEXT OMITTED