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NOTE 1: Test cases in green are ready for verification.

A.2 NAS ATS

The approved NAS test cases are listed.

Table A.2: NAS TTCN test cases

Test case	Description
	MM
9.1	TMSI reallocation
9.2.1	Authentication accepted
9.2.2	Authentication rejected by the network
9.2.3	Authentication rejected by the UE (MAC code failure)
9.2.4	Authentication rejected by the UE (SQN failure)
9.3.1	General Identification
9.3.2	Handling of IMSI shorter than the maximum length.
9.4.1	Location updating / accepted
9.4.2.1	Location updating / rejected / IMSI invalid
9.4.2.2.1	Location updating / rejected / PLMN not allowed – test 1
9.4.2.2.2	Location updating / rejected / PLMN not allowed – test 2
9.4.2.3	Location updating / rejected / location area not allowed
9.4.2.4.1	Location updating rejected / roaming not allowed in this location area – procedure 1
9.4.2.4.2	Location updating rejected / roaming not allowed in this location area – procedure 2
9.4.2.4.3	Location updating rejected / roaming not allowed in this location area – procedure 3
9.4.2.4.4	Location updating rejected / roaming not allowed in this location area – procedure 4
9.4.2.4.5	Location updating rejected / roaming not allowed in this location area – procedure 5
9.4.2.5	Location Updating / Rejected / No Suitable Cells In Location Area
9.4.3.2	Location Updating / Abnormal cases / Attempt counter less or equal to 4, LAI different
9.4.3.3	Location Updating / Abnormal cases/ Attempt Counter Equal to 4
9.4.3.4	Location Updating / Abnormal cases / Attempt Counter less or equal to 4, stored LAI equal to broadcast LAI
9.4.4	Location updating / release / expiry of T3240
9.4.5.1	Location updating / periodic spread
9.4.5.2	Location updating / periodic normal / test 1
9.4.5.3	Location updating / periodic normal / test 2
9.4.5.4.1	Location Updating / Periodic HPLMN search / UE waits time T.
9.4.5.4.2	Location Updating / Periodic HPLMN search / UE in manual mode
9.4.5.4.3	Location Updating / Periodic HPLMN search / UE waits at least two minutes and at most T minutes
9.4.6	Location updating / interworking of attach and periodic
9.5.2	MM connection / establishment with cipher
9.5.3	MM connection / establishment without cipher
9.5.4	MM connection / establishment rejected
9.5.5	MM connection / establishment rejected cause 4
9.5.6	MM connection / expiry T3230
9.5.7.1	MM connection / abortion by the network / cause #6
9.5.7.2	MM connection / abortion by the network / cause not equal to #6
9.5.8.1	MM connection / follow-on request pending / test 1
9.5.8.2	MM connection / follow-on request pending / test 2
9.5.8.3	MM connection / follow-on request pending / test 3
	CC
10.1.2.1.1	Outgoing call / U0 null state / MM connection requested
10.1.2.2.1	Outgoing call / U0.1 MM connection pending / CM service rejected
10.1.2.2.2	Outgoing call / U0.1 MM connection pending / CM service accepted
10.1.2.2.3	Outgoing call / U0.1 MM connection pending / lower layer failure
10.1.2.3.1	Outgoing call / U1 call initiated / receiving CALL PROCEEDING
10.1.2.3.2	Outgoing call / U1 call initiated / rejecting with RELEASE COMPLETE
10.1.2.3.3	Outgoing call / U1 call initiated / T303 expiry
10.1.2.3.4	Outgoing call / U1 call initiated / lower layer failure
10.1.2.3.5	Outgoing call / U1 call initiated / receiving ALERTING
10.1.2.3.6	Outgoing call / U1 call initiated / entering state U10

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Test case	Description
10.1.2.3.7	Outgoing call / U1 call initiated / unknown message received
10.1.2.4.1	Outgoing call / U3 UE originating call proceeding / ALERTING received
10.1.2.4.2	Outgoing call / U3 UE originating call proceeding / CONNECT received
10.1.2.4.3	Outgoing call / U3 UE originating call proceeding / PROGRESS received without in band information
10.1.2.4.4	Outgoing call / U3 UE originating call proceeding / / PROGRESS with in band information
10.1.2.4.5	Outgoing call / U3 UE originating call proceeding / DISCONNECT with in band tones
10.1.2.4.6	Outgoing call / U3 UE originating call proceeding / DISCONNECT without in band tones
10.1.2.4.7	Outgoing call / U3 UE originating call proceeding / RELEASE received
10.1.2.4.8	Outgoing call / U3 UE originating call proceeding / termination requested by the user
10.1.2.4.9	Outgoing call / U3 UE originating call proceeding / traffic channel allocation
10.1.2.4.10	Outgoing call / U3 UE originating call proceeding / timer T310 time-out
10.1.2.4.11	Outgoing call / U3 UE originating call proceeding / lower layer failure
10.1.2.4.12	Outgoing call / U3 UE originating call proceeding / unknown message received
10.1.2.4.13	Outgoing call / U3 UE originating call proceeding / CONNECT received
10.1.2.5.1	Outgoing call / U4 call delivered / CONNECT received
10.1.2.5.2	Outgoing call / U4 call delivered / termination requested by the user
10.1.2.5.3	Outgoing call / U4 call delivered / DISCONNECT with in band tones
10.1.2.5.4	Outgoing call / U4 call delivered / DISCONNECT without in band tones
10.1.2.5.5	Outgoing call / U4 call delivered / RELEASE received
10.1.2.5.6	Outgoing call / U4 call delivered / lower layer failure
10.1.2.5.7	Outgoing call / U4 call delivered / traffic channel allocation
10.1.2.5.8	Outgoing call / U4 call delivered / unknown message received
10.1.2.6.1	U10 call active / termination requested by the user
10.1.2.6.2	U10 call active / RELEASE received
10.1.2.6.3	U10 call active / DISCONNECT with in band tones
10.1.2.6.4	U10 call active / DISCONNECT without in band tones
10.1.2.6.5	U10 call active / RELEASE COMPLETE received
10.1.2.6.6	U10 call active / SETUP received
10.1.2.7.1	U11 disconnect request / clear collision
10.1.2.7.2	U11 disconnect request / RELEASE received
10.1.2.7.3	U11 disconnect request / timer T305 time-out
10.1.2.7.4	U11 disconnect request / lower layer failure
10.1.2.7.5	U11 disconnect request / unknown message received
10.1.2.8.1	U12 disconnect indication / call releasing requested by the user
10.1.2.8.2	U12 disconnect indication / RELEASE received
10.1.2.8.3	U12 disconnect indication / lower layer failure
10.1.2.8.4	U12 disconnect indication / unknown message received
10.1.2.9.1	Outgoing call / U19 releas e request / timer T308 time-out
10.1.2.9.2	Outgoing call / U19 release request / 2nd timer T308 time-out
10.1.2.9.3	Outgoing call / U19 release request / RELEASE received
10.1.2.9.4	Outgoing call / U19 release request / RELEASE COMPLETE received
10.1.2.9.5	Outgoing call / U19 release request / lower layer failure
10.1.3.1.1	Incoming call / U0 null state / SETUP received with a non supported bearer capability
10.1.3.2.1	Incoming call / U6 call present / automatic call rejection
10.1.3.3.1	Incoming call / U9 mobile terminating call confirmed / alerting or immediate connecting
10.1.3.3.2	Incoming call / U9 mobile terminating call confirmed / DTCH assignment
10.1.3.3.3	Incoming call / U9 mobile terminating call confirmed / termination requested by the user
10.1.3.3.4	Incoming call / U9 mobile terminating call confirmed / DISCONNECT received
10.1.3.3.5	Incoming call / U9 mobile terminating call confirmed / RELEASE received
10.1.3.3.6	Incoming call / U9 mobile terminating call confirmed / lower layer failure
10.1.3.3.7	Incoming call / U9 mobile terminating call confirmed / unknown message received
10.1.3.4.1	Incoming call / U7 call received / call accepted
10.1.3.4.2	Incoming call / U7 call received / termination requested by the user
10.1.3.4.3	Incoming call / U7 call received / DISCONNECT received
10.1.3.4.4	Incoming call / U7 call received / RELEASE received
10.1.3.4.5	Incoming call / U7 call received / lower layer failure
10.1.3.4.6	Incoming call / U7 call received / DTCH assignment
10.1.3.4.7	Incoming call / U7 call received / unknown message received
10.1.3.4.8	Incoming call / U7 call received / RELEASE COMPLETE received
10.1.3.5.1	Incoming call / U8 connect request / CONNECT acknowledged
10.1.3.5.2	Incoming call / U8 connect request / timer T313 time-out
10.1.3.5.3	Incoming call / U8 connect request / termination requested by the user
10.1.3.5.4	Incoming call / U8 connect request / DISCONNECT received with in-band information

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Test case	Description
10.1.3.5.5	Incoming call / U8 connect request / DISCONNECT received without in-band information
10.1.3.5.6	Incoming call / U8 connect request / RELEASE received
10.1.3.5.7	Incoming call / U8 connect request / lower layer failure
10.1.3.5.8	Incoming call / U8 connect request / DTCH assignment
10.1.3.5.9	Incoming call / U8 connect request / unknown message received
10.1.4.1.1	In-call functions / DTMF information transfer / basic procedures
10.1.4.2.1	In-call functions / User notification / UE terminated
10.1.4.3.1	In-call functions / channel changes / a successful channel change in active state / Hard handover
10.1.4.3.2	In-call function / channel changes / an unsuccessful channel change in active mode / Hard Handover
10.2.1	Call Re-establishment/call present, re-establishment allowed
10.3	User to user signalling
	Session Management
11.1.1.1	Attach initiated by context activation/QoS Offered by Network is the QoS Requested
11.1.1.2.1	QoS accepted by UE
11.1.1.2.2	QoS rejected by UE
11.1.2	PDP context activation requested by the network, successful and unsuccessful
11.1.3.1	T3380 Expiry
11.1.3.2	Collision of UE initiated and network requested PDP context activation
11.1.3.3	Network initiated PDP context activation request for an already activated PDP context (on the UE side)
11.1.4.1.1	QoS Offered by Network is the QoS Requested
11.1.4.1.2.1	QoS accepted by UE
11.1.4.1.2.2	QoS rejected by UE
11.1.4.2	Unsuccessful Secondary PDP Context Activation Procedure Initiated by the UE
11.1.4.3.1	T3380 Expiry
11.2.1	Collision of UE and network initiated PDP context modification procedures
11.2.2.1	PDP context deactivation initiated by the UE
11.2.2.2	T3390 Expiry
11.2.3.1	PDP context deactivation initiated by the network
11.2.3.2	Collision of UE and network initiated PDP context deactivation requests
11.3.1	Network initiated PDP context modification
11.3.2	UE initiated PDP Context Modification accepted by network
11.3.3.1	UE initiated PDP Context Modification not accepted by the network
11.3.3.2	T3381 Expiry
11.4.1	Error cases
	GPRS Mobility Management
12.2.1.1	PS attach / accepted
12.2.1.2	PS attach / rejected / IMSI invalid / illegal UE
12.2.1.3	PS attach / rejected / IMSI invalid / PS services not allowed
12.2.1.4.1	PS attach / rejected / IMSI invalid / PLMN not allowed / procedure 1
12.2.1.4.2	PS attach / rejected / IMSI invalid / PLMN not allowed / procedure 2
12.2.1.5a.1	PS attach / rejected / roaming not allowed in this location area / test procedure 1
12.2.1.5a.2	PS attach / rejected / roaming not allowed in this location area / test procedure 2
12.2.1.5a.3	PS attach / rejected / roaming not allowed in this location area / test procedure 3
12.2.1.5a.4	PS attach / rejected / roaming not allowed in this location area / test procedure 4
12.2.1.5b	PS attach / rejected / No Suitable Cells In Location Area
12.2.1.6.1	PS attach /abnormal cases / access barred due to access class control / procedure 1
12.2.1.6.2	PS attach /abnormal cases / access barred due to access class control / procedure 2
12.2.1.7	PS attach / abnormal cases / change of cell into new routing area
12.2.1.8	PS attach / abnormal cases / power off
12.2.1.9	PS attach / abnormal cases / PS detach procedure collision
12.2.2.1	Combined PS attach / PS and non-PS attach accepted
12.2.2.2.1	Combined PS attach / PS only attach accepted / procedure 1
12.2.2.2.2	Combined PS attach / PS only attach accepted / procedure 2
12.2.2.3	Combined PS attach / PS attach while IMSI attach
12.2.2.4	Combined PS attach / rejected / IMSI invalid / illegal ME
12.2.2.5	Combined PS attach / rejected / PS services and non-PS services not allowed
12.2.2.6	Combined PS attach / rejected / PS services not allowed
12.2.2.7a	Combined PS attach / rejected / location area not allowed
12.2.2.7b	Combined PS attach / rejected / No Suitable Cells In Location Area
12.2.2.8	Combined PS attach / abnormal cases / attempt counter check / miscellaneous reject causes
12.2.2.9	Combined PS attach / abnormal cases / PS detach procedure collision
12.3.1.1	PS detach (NMO II) / power off / accepted
12.3.1.2	PS detach / accepted

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Test case	Description
12.3.1.3	PS detach / abnormal cases / attempt counter check / procedure timeout
12.3.1.4	PS detach / abnormal cases / GMM common procedure collision
12.3.1.5	PS detach (NMO I) / power off / accepted
12.3.1.6	PS detach (NMO I) / accepted / PS/IMSI detach
12.3.1.7	PS detach / accepted / IMSI detach
12.3.1.8	PS detach / abnormal cases / change of cell into new routing area
12.3.1.9	PS detach (NMO I) / abnormal cases / PS detach procedure collision
12.3.2.1	Network initiated PS detach/ re-attach not required / accepted
12.3.2.2	PS detach / rejected / IMSI invalid / PS services not allowed
12.3.2.3	Network initiated PS detach / IMSI detach / accepted
12.3.2.4	Network initiated PS detach/ re-attach requested / accepted
12.3.2.5	Network initiated PS detach / rejected / location area not allowed
12.3.2.6	PS detach / rejected / No Suitable Cells In Location Area
12.4.1.1	Routing area updating / accepted
12.4.1.2	Routing area updating / rejected /IMSI invalid / illegal ME
12.4.1.3	Routing area updating / rejected / UE identity cannot be derived by the network
12.4.1.4a	Routing area updating / rejected / location area not allowed
12.4.1.4b	Routing area updating / rejected / No Suitable Cells In Location Area
12.4.1.5	Routing area updating / abnormal cases /attempt counter check / miscellaneous reject causes
12.4.1.6	Routing area updating / abnormal cases / change of cell into new routing area
12.4.1.7	Routing area updating / abnormal cases / change of cell during routing area procedure
12.4.1.8	Routing area updating / abnormal cases / P-TMSI reallocation procedure collision
12.4.2.1	Combined routing area updating / combined RA/LA accepted
12.4.2.2	Combined routing area updating / UE in CS operation at change of RA
12.4.2.3.1	Combined routing area updating / RA only accepted / procedure 1
12.4.2.3.2	Combined routing area updating / RA only accepted / procedure 2
12.4.2.4	Combined routing area updating / rejected / PLMN not allowed
12.4.2.5a.1	Combined routing area updating / rejected / roaming not allowed in this location area / procedure 1
12.4.2.5a.2	Combined routing area updating / rejected / roaming not allowed in this location area / procedure 2
12.4.2.5b	Combined routing area updating / rejected / No Suitable Cells In Location Area
12.4.2.6.1	Combined routing area updating / abnormal cases /access barred due to access class control / procedure 1
12.4.2.6.2	Combined routing area updating / abnormal cases /access barred due to access class control / procedure 2
12.4.2.7	Combined routing area updating / abnormal cases / attempt counter check / procedure timeout
12.4.2.8	Combined routing area updating / abnormal cases / change of cell into new routing area
12.4.2.9	Combined routing area updating / abnormal cases / change of cell during routing area procedure
12.4.2.10.1	Combined routing area updating / abnormal cases / PS detach procedure collision / procedure 1
12.4.2.10.2	Combined routing area updating / abnormal cases / PS detach procedure collision / procedure 2
12.4.3.1	Periodic routing area updating / accepted
12.4.3.2	Periodic routing area updating / accepted / T3312 default value
12.4.3.3	Periodic routing area updating / no cell available / network mode I
12.4.3.4	Periodic routing area updating and periodic location area updating / no cell available
12.5	P-TMSI reallocation
12.6.1.1	PS authentication and ciphering / Authentication accepted
12.6.1.2	PS authentication and ciphering / Authentication rejected by the network
12.6.1.3.1	Authentication rejected by the UE / GMM cause 'MAC failure'
12.6.1.3.2	Authentication rejected by the UE / GMM cause 'Synch failure'
12.6.1.3.3	Authentication rejected by the UE / fraudulent network
12.7	Identification procedure
12.8	GMM READY timer handling
12.9.1	Service Request initiated by the UE
12.9.2	Service Request initiated by the network
12.9.3	Service Request / rejected / Illegal MS
12.9.4	Service Request / rejected / PS services not allowed
12.9.5	Service Request / rejected / MS identity cannot be derived by the network
12.9.6	Service Request / rejected / PLMN not allowed
12.9.7a	Service Request / rejected / No PDP context activated
12.9.7b	Service Request / rejected / No Suitable Cells In Location Area
12.9.8	Service Request / Abnormal cases/ Access barred due to access control
12.9.9	Service Request / Abnormal cases/ Collision with Routing Area Update procedure
12.9.10	Service Request / Abnormal cases / Power off
12.9.11	Service Request / Abnormal cases / Service Request procedure collision

Test cases V1.3.0

Test case	Description
	General Tests
13.2.1.1	Emergency call / with USIM / accept case
13.2.2.1	Emergency call / without USIM / accept case
13.2.2.2	Emergency call / without USIM / reject case
	User Equipment features
17.1.2	Test of autocalling restrictions/ Constraining the access to a single number (TS 22.001 category 3)
17.1.3	Test of autocalling restrictions/ Constraining the access to a single number (TS 22.001 category 1 and 2)
17.1.4	Test of autocalling restrictions/ Behaviour of the UE when its list of blacklisted numbers is full

A.3 SMS ATS

The approved SMS test cases are listed.

Table A.3: SMS TTCN test cases

Test case	Description
16.1.1	SMS point to point on CS mode / SMS mobile terminated
16.1.2	SMS point to point on CS mode / SMS mobile originated
16.1.3	SMS point to point on CS mode / Test of memory full condition and memory available notification:
16.1.4	SMS point to point on CS mode / Test of the status report capabilities and of SMS-COMMAND:
16.1.5.1	SMS point to point on CS mode / Short message class 0
16.1.5.2	SMS point to point on CS mode / Test of class 1 short messages
16.1.5.3	SMS point to point on CS mode / Test of class 2 short messages
16.1.7	SMS point to point on CS mode / Test of the replace mechanism for SM type 1-7
16.1.8	SMS point to point on CS mode / Test of the reply path scheme
16.1.9.1	SMS point to point on CS mode / UE in idle mode
16.1.9.2	SMS point to point on CS mode / UE in active mode
16.1.10	SMS point to point on CS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message
16.2.1	Short message service point to point on PS mode / SMS mobile terminated
16.2.2	Short message service point to point on PS mode / SMS mobile originated
16.2.3	Short message service point to point on PS mode / Test of memory full condition and memory available notification:
16.2.4	Short message service point to point on PS mode / Test of the status report capabilities and of SMS-COMMAND:
16.2.5.1	Short message service point to point on PS mode / Short message class 0
16.2.5.2	Short message service point to point on PS mode / Test of class 1 short messages
16.2.5.3	Short message service point to point on PS mode / Test of class 2 short messages
16.2.7	Short message service point to point on PS mode / Test of the replace mechanism for SM type 1-7
16.2.8	Short message service point to point on PS mode / Test of the reply path scheme
16.2.10	Short message service point to point on PS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message
16.3	Short message service cell broadcast

A.4 RRC ATS

The approved RRC test cases are listed.

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Table A.4: RRC TTCN test cases

Test case	Description
Singlecell	
8.1.1.1	Paging for Connection in idle mode
8.1.1.2	Paging for Connection in connected mode (CELL_PCH)
8.1.1.3	Paging for Connection in connected mode (URA_PCH)
8.1.1.4	Paging for Notification in idle mode
8.1.1.5	Paging for Notification in connected mode (CELL_PCH)
8.1.1.6	Paging for Notification in connected mode (URA_PCH)
8.1.1.7	Paging for Connection in connected mode (CELL_DCH)
8.1.1.8	Paging for Connection in connected mode (CELL_FACH)
8.1.2.1	RRC Connection Establishment in CELL_DCH state: Success
8.1.2.2	RRC Connection Establishment: Success after T300 timeout
8.1.2.3	RRC Connection Establishment: Failure (V300 is greater than N300)
8.1.2.4	RRC Connection Establishment: Reject ("wait time" is not equal to 0)
8.1.2.5	RRC Connection Establishment: Reject ("wait time" is not equal to 0 and V300 is greater than N300)
8.1.2.6	RRC Connection Establishment: Reject ("wait time" is set to 0)
8.1.2.7	RRC Connection Establishment in CELL_FACH state: Success
8.1.2.9	RRC Connection Establishment: Success after Physical channel failure and Invalid configuration
8.1.3.1	RRC Connection Release in CELL_DCH state: Success
8.1.3.2	RRC Connection Release using on DCCH in CELL_FACH state: Success
8.1.3.3	RRC Connection Release using on CCCH in CELL_FACH state: Success
8.1.3.4	RRC Connection Release in CELL_FACH state: Failure
8.1.3.5	RRC Connection Release in CELL_FACH state: Invalid message
8.1.5.1	UE Capability in CELL_DCH state: Success
8.1.5.2	UE Capability in CELL_DCH state: Success after T304 timeout
8.1.5.3	UE Capability in CELL_DCH state: Failure (After N304 re-transmissions)
8.1.5.4	UE Capability in CELL_FACH state: Success
8.1.5.5	UE Capability in CELL_FACH state: Success after T304 timeout
8.1.6.1	Direct Transfer in CELL DCH state (invalid message reception and no signalling connection exists)
8.1.6.2	Direct Transfer in CELL FACH state (invalid message reception and no signalling connection exists)
8.1.7.1	Security mode command in CELL_DCH state
8.1.7.2	Security mode command in CELL_FACH state
8.1.8.1	Counter check in CELL_DCH state
8.1.8.2	Counter check in CELL_FACH state
8.1.9	Signalling Connection Release Request
8.2.1.1	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success
8.2.1.3	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
8.2.1.4	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration)
8.2.1.5	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and reversion failure)
8.2.1.6	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.1.7	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.1.8	Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success
8.2.1.9	Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.1.10	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success
8.2.1.11	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8.2.1.12	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration)
8.2.1.13	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and reversion failure)
8.2.1.14	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.1.15	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.1.16	Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH: Success
8.2.1.17	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: success (Subsequently

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Test case	Description
	received)
8.2.1.18	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)
8.2.1.19	Radio Bearer Establishment from CELL_DCH to CELL_PCH: Success
8.2.1.20	Radio Bearer Establishment from CELL_DCH to URA_PCH: Success
8.2.2.1	Radio Bearer Reconfiguration (Hard handover) from CELL_DCH to CELL_DCH: Success
8.2.2.2	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
8.2.2.3	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8.2.2.4	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8.2.2.5	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.2.6	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.2.7	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Continue and stop)
8.2.2.8	Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success
8.2.2.9	Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.2.10	Radio Bearer Reconfiguration: from CELL_FACH to CELL_DCH: Success
8.2.2.11	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8.2.2.12	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8.2.2.13	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8.2.2.14	Radio Bearer Reconfigure from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.2.15	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.2.16	Radio Bearer Reconfiguration from CELL_FACH to CELL_ FACH: Success (Continue and Stop)
8.2.2.17	Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success
8.2.2.18	Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success (Cell re-selection)
8.2.2.19	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)
8.2.2.20	Radio Bearer Reconfigure from CELL_FACH to CELL_DCH: Success (Subsequently received)
8.2.2.21	Radio Bearer Reconfiguration from CELL_DCH to CELL_PCH: Success
8.2.2.22	Radio Bearer Reconfiguration from CELL_DCH to URA_PCH: Success
8.2.2.23	Radio Bearer Reconfiguration from CELL_FACH to CELL_PCH: Success
8.2.2.24	Radio Bearer Reconfiguration from CELL_FACH to URA_PCH: Success
8.2.3.1	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success
8.2.3.2	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
8.2.3.3	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8.2.3.4	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure(Physical channel failure and reversion failure)
8.2.3.5	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.3.6	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.3.7	Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success
8.2.3.8	Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.3.9	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success
8.2.3.10	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8.2.3.11	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8.2.3.12	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8.2.3.13	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.3.14	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.3.15	Radio Bearer Release for transition from CELL_FACH to CELL_FACH: Success
8.2.3.16	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)

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Test case	Description
8.2.3.17	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)
8.2.3.18	Radio Bearer Release from CELL_DCH to CELL_PCH: Success
8.2.3.19	Radio Bearer Release from CELL_DCH to URA_PCH: Success
8.2.4.1	Transport channel reconfiguration from CELL_DCH to CELL_DCH (Hard handover to same radio frequency): Success with no transport channel type switching
8.2.4.1a	Transport channel reconfiguration (Transmission Rate Modification with Timing Maintained) from CELL_DCH to CELL_DCH of the same cell :Success.
8.2.4.2	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
8.2.4.3	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8.2.4.4	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8.2.4.5	Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.4.6	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.4.7	Transport channel reconfiguration from CELL_DCH to CELL_FACH: Success
8.2.4.9	Transport channel reconfiguration from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.4.10	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success
8.2.4.11	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8.2.4.12	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old channel)
8.2.4.13	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8.2.4.14	Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.4.15	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.4.16	Transport channel reconfiguration from CELL_FACH to CELL_FACH: Success with no transport channel type switching
8.2.4.17	Transport channel reconfiguration from CELL_FACH to CELL_FACH: Success (Cell re-selection)
8.2.4.18	Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)
8.2.4.19	Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)
8.2.4.20	Transport Channel Reconfiguration from CELL_DCH to CELL_PCH: Success
8.2.4.21	Transport Channel Reconfiguration from CELL_DCH to URA_PCH: Success
8.2.4.22	Transport Channel Reconfiguration from CELL_FACH to CELL_PCH Success
8.2.4.23	Transport Channel Reconfiguration from CELL_FACH to URA_PCH Success
8.2.5.1	Transport format combination control in CELL_DCH: restriction
8.2.5.2	Transport format combination control in CELL_DCH: release a restriction
8.2.5.4	Transport format combination control in CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.6.1	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Success
8.2.6.2	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Unsupported configuration)
8.2.6.3	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Physical channel failure and reversion to old channel)
8.2.6.4	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Physical channel failure and reversion failure)
8.2.6.5	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Incompatible simultaneous reconfiguration)
8.2.6.6	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Invalid message reception and Invalid configuration)
8.2.6.7	Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success
8.2.6.8	Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8.2.6.9	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success
8.2.6.10	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)

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Test case	Description
8.2.6.11	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8.2.6.12	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8.2.6.13	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8.2.6.14	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
8.2.6.15	Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH (Hard handover to another frequency): Success
8.2.6.16	Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH: (Cell re-selection)
8.2.6.17	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Success (Subsequently received)
8.2.6.18	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)
8.2.6.19	Physical Channel Reconfiguration from CELL_DCH to CELL_PCH: Success
8.2.6.20	Physical Channel Reconfiguration from CELL_DCH to URA_PCH: Success
8.3.1.1	Cell Update: cell reselection in CELL_FACH
8.3.1.2	Cell Update: cell reselection in CELL_PCH
8.3.1.3	Cell Update: periodical cell update in CELL_FACH
8.3.1.4	Cell Update: periodical cell update in CELL_PCH and multiple cell update causes
8.3.1.5	Cell Update: UL data transmission in URA_PCH
8.3.1.6	Cell Update: UL data transmission in CELL_PCH
8.3.1.9	Cell Update: re-entering of service area after T305 expiry and being out of service area
8.3.1.10	Cell Update: expiry of T307 after T305 expiry and being out of service area
8.3.1.11	Cell Update: Success after T302 time-out
8.3.1.12	Cell Update: Failure (After Maximum Re-transmissions)
8.3.1.13	Cell Update: Reception of Invalid CELL UPDATE CONFIRM Message
8.3.1.14	Cell Update: Incompatible simultaneous reconfiguration
8.3.1.15	Cell Update: Unrecoverable error in Acknowledged Mode RLC
8.3.1.16	Cell Update: cell reselection in CELL_FACH
8.3.1.17	Cell Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)
8.3.1.18	Cell Update: Radio Link Failure (T314>0, T315=0)
8.3.1.20	Cell Update: Reception of CELL UPDATE CONFIRM Message that causes invalid configuration
8.3.2.1	URA Update: Change of URA
8.3.2.2	URA Update: Periodical URA update and Reception of Invalid message
8.3.2.3	URA Update: re-entering of service area after T305 expiry
8.3.2.4	URA Update: loss of service after expiry of timers T307 and T305
8.3.2.5	URA Update: Success after Confirmation error of URA-ID list
8.3.2.6	URA Update: Failure (V302 is greater than N302: Confirmation error of URA-ID list)
8.3.2.7	URA Update: Success after T302 timeout
8.3.2.8	URA Update: Failure (V302 is greater than N302:T302 timeout)
8.3.2.9	URA Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)
8.3.2.10	URA Update: Reception of URA UPDATE CONFIRM message that causes invalid configuration and invalid URA UPDATE CONFIRM message
8.3.3.1	UTRAN Mobility Information: Success
8.3.3.2	UTRAN Mobility Information: Failure (Invalid message reception and cell re-selection)
8.3.4.1	Active set update in soft handover: Radio Link addition
8.3.4.2	Active set update in soft handover: Radio Link removal
8.3.4.3	Active set update in soft handover: Combined radio link addition and removal (active set is not full)
8.3.4.4	Active set update in soft handover: Invalid Configuration
8.3.4.5	Active set update in soft handover: Combined radio link addition and removal (active set is full)
8.3.4.7	Active set update in soft handover: Invalid Message Reception
8.3.7.1	Inter system handover from UTRAN/To GSM/Speech/Success
8.3.7.2	Inter system handover from UTRAN/To GSM/Data/Same data rate/Success
8.3.7.3	Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Success
8.3.7.4	Inter system handover from UTRAN/To GSM/Speech/Establishment/Success
8.3.7.5	Inter system handover from UTRAN/To GSM/Speech/Failure
8.3.7.6	Inter system handover from UTRAN/To GSM/Speech/Failure (L2 Establishment)
8.3.7.7	Inter system handover from UTRAN/To GSM/Speech/Failure (L1 Synchronization)
8.3.7.8	Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid Inter-RAT message)
8.3.7.9	Inter system handover from UTRAN/To GSM/Speech/Failure (Unsupported configuration)
8.3.7.10	Inter system handover from UTRAN/To GSM/Speech/Failure (Reception by UE in CELL_FACH)

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Test case	Description
8.3.7.11	Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid message reception)
8.3.7.12	Inter system handover from UTRAN/To GSM/Speech/Failure (Physical channel Failure and Reversion Failure)
Measurement	
8.4.1.1	Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state
8.4.1.2	Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state
8.4.1.3	Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH state
8.4.1.4	Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_FACH state
8.4.1.5	Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state
8.4.1.6	Measurement Control and Report: Inter-frequency measurement for transition from CELL_DCH to CELL_FACH state
8.4.1.7	Measurement Control and Report: Intra-frequency measurement for transition from CELL_FACH to CELL_DCH state
8.4.1.8	Measurement Control and Report: Inter-frequency measurement for transition from CELL_FACH to CELL_DCH state
8.4.1.9	Measurement Control and Report: Unsupported measurement in the UE
8.4.1.10	Measurement Control and Report: Failure (Invalid Message Reception)
8.4.1.11	Measurement Control and Report: Compressed Mode Configuration Failure during radio bearer reconfiguration procedure
8.4.1.12	Measurement Control and Report: Compressed Mode Configuration Failure during transport channel reconfiguration procedure
8.4.1.13	Measurement Control and Report: Compressed Mode Configuration Failure during physical channel reconfiguration procedure
8.4.1.14	Measurement Control and Report: Cell forbidden to affect reporting range
8.4.1.15	Measurement Control and Report: Configuration Incomplete
Idle Mode Operations	
6.1.1.1	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode
6.1.1.2	PLMN selection of "Other PLMN / access technology combinations"; Manual mode
6.1.1.3	PLMN selection; independence of RF level and preferred PLMN; Manual mode
6.1.1.4	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Automatic mode
6.1.1.5	PLMN selection of "Other PLMN / access technology combinations"; Automatic mode
6.1.1.6	UE will transmit only if PLMN available
6.1.2.1	Cell reselection
6.1.2.2	Cell reselection using Qhyst, Qoffset and Treselection
6.1.2.3	HCS Cell reselection
6.1.2.4	HCS Cell reselection using reselection timing parameters for the H criterion
6.1.2.5	HCS Cell reselection using reselection timing parameters for the R criterion
6.1.2.6	Emergency calls
6.1.2.7	Emergency calls; Intra-frequency cell "Not allowed"
6.2.1.1	Selection of the correct PLMN and associated RAT
6.2.1.2	Selection of RAT for HPLMN; Manual mode
6.2.1.3	Selection of RAT for UPLMN; Manual mode
6.2.1.4	Selection of RAT for OPLMN; Manual mode
6.2.1.5	Selection of "Other PLMN / access technology combinations"; Manual mode
6.2.1.6	Selection of RAT for HPLMN; Automatic mode
6.2.1.7	Selection of RAT for UPLMN; Automatic mode
6.2.1.8	Selection of RAT for OPLMN; Automatic mode
6.2.1.9	Selection of "Other PLMN / access technology combinations"; Automatic mode
6.2.2.1	Cell reselection if cell becomes barred or S<0; UTRAN to GSM
6.2.2.2	Cell reselection if cell becomes barred or C1<0; GSM to UTRAN
6.2.2.3	Cell reselection timings; GSM to UTRAN

A.5   RLC ATS

The approved RLC test cases are listed.

Test cases V1.3.0

Table A.5: RLC TTCN test cases

Test case	Description
7.2.2.2	UM RLC / Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators
7.2.2.3	UM RLC / Segmentation / 7-bit Length Indicators / Padding
7.2.2.4	UM RLC / Segmentation and Reassembly / 7-bit Length Indicators / LI = 0
7.2.2.5	UM RLC / Reassembly / 7-bit Length Indicators / Invalid LI value
7.2.2.6	UM RLC / Reassembly / 7-bit Length Indicators / LI value > PDU size
7.2.2.7	UM RLC / Reassembly / 7-bit Length Indicators / First data octet LI
7.2.2.8	UM RLC / Segmentation / 15-bit Length Indicators / Padding
7.2.2.9	UM RLC / Segmentation and Reassembly / 15-bit Length Indicators / LI = 0
7.2.2.10	UM RLC / Segmentation / 15-bit Length Indicators / One octet short LI
7.2.2.11	UM RLC / Reassembly / 15-bit Length Indicators / Invalid LI value
7.2.2.12	UM RLC / Reassembly / 15-bit Length Indicators / LI value > PDU size
7.2.2.13	UM RLC / Reassembly / 15-bit Length Indicators / First data octet LI
7.2.3.2	AM RLC / Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators
7.2.3.3	AM RLC / Segmentation and Reassembly / 7-bit Length Indicators / Padding or Piggy-backed Status
7.2.3.4	AM RLC / Segmentation and Reassembly / 7-bit Length Indicators / LI = 0
7.2.3.5	AM RLC / Reassembly / 7-bit Length Indicators / Reserved LI value
7.2.3.6	AM RLC / Reassembly / 7-bit Length Indicators / LI value > PDU size
7.2.3.7	AM RLC / Segmentation and Reassembly / 15-bit Length Indicators / Padding or Piggy-backed Status
7.2.3.8	AM RLC / Segmentation and Reassembly / 15-bit Length Indicators / LI = 0
7.2.3.9	AM RLC / Segmentation / 15-bit Length Indicators / One octet short LI
7.2.3.10	AM RLC / Reassembly / 15-bit Length Indicators / Reserved LI value
7.2.3.11	AM RLC / Reassembly / 15-bit Length Indicators / LI value > PDU size
7.2.3.12	AM RLC / Correct use of Sequence Numbering
7.2.3.13	AM RLC / Control of Transmit Window
7.2.3.14	AM RLC / Control of Receive Window
7.2.3.15	AM RLC / Polling for status / Last PDU in transmission queue
7.2.3.16	AM RLC / Polling for status / Last PDU in retransmission queue
7.2.3.17	AM RLC / Polling for status / Poll every Poll_PDU PDUs
7.2.3.18	AM RLC / Polling for status / Poll every Poll_SDU SDUs
7.2.3.19	AM RLC / Polling for status / Timer triggered polling (Timer_Poll_Periodic)
7.2.3.20	AM RLC / Polling for status / Polling on Poll_Window% of transmission window
7.2.3.21	AM RLC / Polling for status / Operation of Timer_Poll timer / Timer expiry
7.2.3.22	AM RLC / Polling for status / Operation of Timer_Poll timer / Stopping Timer_Poll timer
7.2.3.23	AM RLC / Polling for status / Operation of Timer_Poll timer / Restart of the Timer_Poll timer
7.2.3.24	AM RLC / Polling for status / Operation of timer Timer_Poll_Prohibit
7.2.3.25	AM RLC / Receiver Status Triggers / Detection of missing PUs
7.2.3.26	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Periodic
7.2.3.27	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Prohibit
7.2.3.28	AM RLC / Status reporting / Abnormal conditions / Reception of LIST SUFI with Length set to zero
7.2.3.29	AM RLC / Timer based discard, with explicit signalling / Expiry of Timer_Discard

7.2.3.30	AM RLC / Timer based discard, with explicit signalling / Obsolete MRW_ACK
7.2.3.31	AM RLC / Timer based discard, with explicit signalling / Failure of MRW procedure
7.2.3.32	AM RLC / SDU discard after MaxDAT number of retransmissions
7.2.3.33	AM RLC / Operation of the RLC Reset procedure / UE Originated
7.2.3.34	AM RLC / Operation of the RLC Reset procedure / UE Terminated

A.6   MAC ATS

The approved MAC test cases are listed.

Table A.6: MAC TTCN test cases

Test case	Description
7.1.1.1	CCCH mapped to RACH/FACH / Invalid TCTF
7.1.1.2	DTCH or DCCH mapped to RACH/FACH / Invalid TCTF
7.1.1.3	DTCH or DCCH mapped to RACH/FACH / Invalid C/T Field
7.1.1.4	DTCH or DCCH mapped to RACH/FACH / Invalid UE ID Type Field
7.1.1.5	DTCH or DCCH mapped to RACH/FACH / Incorrect UE ID
7.1.1.8	DTCH or DCCH mapped to DCH / Invalid C/T Field
7.1.2.2.1	Correct application of Dynamic Persistence (FDD)
7.1.2.3.1	Correct Selection of RACH parameters (FDD)
7.1.2.4b	Access Service class selection for RACH transmission
7.1.3.1	Priority handling between data flows of one UE

A.7   BMC ATS

The approved BMC test cases are listed.

Table A.7: BMC TTCN test cases

Test case	Description
7.4.2.1	UE in RRC Idle mode
7.4.2.2	UE in RRC Connected mode, state CELL_PCH
7.4.2.3	UE in RRC Connected mode, state URA_PCH
7.4.3.1	Reception of certain CBS message types

A.8   PDCP ATS

The approved PDCP test cases are listed.

Test cases V1.3.0

Table A.8: PDCP TTCN test cases

Test case	Description
7.3.2.1.1.1	IP Header Compression and PID assignment /UE in RLC AM /Transmission of uncompressed Header (1. Test procedure: Transmission of uncompressed IP header packets using PDCP Data PDU)
7.3.2.1.1.2	IP Header Compression and PID assignment /UE in RLC AM /Transmission of uncompressed Header (2. Test procedure: Transmission of uncompressed IP header packets using No Header PDU)
7.3.2.1.2	IP Header Compression and PID assignment /UE in RLC AM/Transmission of compressed Header
7.3.2.2.1.1	IP Header Compression and PID assignment /UE in RLC UM /Transmission of uncompressed Header (1. Test procedure: Transmission of uncompressed IP header packets using PDCP Data PDU)
7.3.2.2.1.2	IP Header Compression and PID assignment /UE in RLC UM /Transmission of uncompressed Header (2. Test procedure: Transmission of uncompressed IP header packets using No Header PDU)
7.3.2.2.2	IP Header Compression and PID assignment /UE in RLC UM/Transmission of compressed Header
7.3.2.2.3	Extension of used compression methods
7.3.2.2.4	Compression type used for different entities
7.3.2.2.5	Reception of not defined PID values

A.9　RAB ATS

The approved RAB test cases are listed.

Test cases V1.3.0

Table A.9: RAB TTCN test cases

Test case	Description
14.2.1	Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH
14.2.2	Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.3	Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH
14.2.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.5	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.6	Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.7	Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.8	Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.9	Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.10	Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH
14.2.11	Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH
14.2.12	Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.13.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.13.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI
14.2.14.1	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.14.2	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI
14.2.15	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.16	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.17	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.18	Streaming / unknown / UL:0 DL:64 kbps / CS UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.19	Streaming / unknown / UL:64 DL:0 kbps / CS + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.20	Streaming / unknown / UL:0 DL:128 kbps / CS + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.21	Streaming / unknown / UL:128 DL:0 kbps / CS + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.22	Streaming / unknown / UL:0 DL:384 kbps / CS + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.23.1	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)
14.2.23.2	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)
14.2.23.3	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)
14.2.23.4	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)
14.2.24.1	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/(TC)
14.2.24.2	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/(CC)
14.2.25.1	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)
14.2.25.2	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)
14.2.25.3	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)
14.2.25.4	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)

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14.2.26	Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.27	Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.28	Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.29	Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.2.30	Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.2.31.1	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI
14.2.31.2	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI
14.2.32.1	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI
14.2.32.2	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.33.1	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI
14.2.33.2	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.34.1	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI
14.2.34.2	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.35.1	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI
14.2.35.2	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.36.1	Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI
14.2.36.2	Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.37.1	Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI
14.2.37.2	Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.40	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.2.49.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.50.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI
14.2.50.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI
14.2.51.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.2.53.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
14.4.1	Stand-alone signalling RB for PCCH

Total of test cases: 619
Ready for verification (Green): 584