Test cases V1.1.0

NOTE: Test cases in green are ready for verification.

A.2 NAS ATS

The approved NAS test cases are listed.

Test cases V1.1.0

Table A2: NAS TTCN test cases

Test case	Description
	MM
tc_9_1	TMSI reallocation
tc_9_2_1	Authentication accepted
tc_9_2_2	Authentication rejected by the network
tc_9_2_3	Authentication rejected by the UE (MAC code failure)
tc_9_2_4	Authentication rejected by the UE (SQN failure)
tc_9_3_1	General Identification
tc_9_3_2	Handling of IMSI shorter than the maximum length.
tc_9_4_1	Location updating / accepted
tc_9_4_2_1	Location updating / rejected / IMSI invalid
tc_9_4_2_2_1	Location updating / rejected / PLMN not allowed – test 1
tc_9_4_2_2_2	Location updating / rejected / PLMN not allowed – test 2
tc_9_4_2_3	Location updating / rejected / location area not allowed
tc_9_4_2_4_1	Location updating rejected / roaming not allowed in this location area – procedure 1
tc_9_4_2_4_2	Location updating rejected / roaming not allowed in this location area – procedure 2
tc_9_4_2_4_3	Location updating rejected / roaming not allowed in this location area – procedure 3
tc_9_4_2_4_4	Location updating rejected / roaming not allowed in this location area – procedure 4
tc_9_4_2_4_5	Location updating rejected / roaming not allowed in this location area – procedure 5
tc_9_4_2_5	Location Updating / Rejected / No Suitable Cells In Location Area
tc_9_4_3_2	Location Updating / Abnormal cases / Attempt counter less or equal to 4, LAI different
tc_9_4_3_3	Location Updating / Abnormal cases/ Attempt Counter Equal to 4
tc_9_4_3_4	Location Updating / Abnormal cases / Attempt Counter less or equal to 4, stored LAI equal to broadcast LAI
tc_9_4_4	Location updating / release / expiry of T3240
tc_9_4_5_1	Location updating / periodic spread
tc_9_4_5_2	Location updating / periodic normal / test 1
tc_9_4_5_3	Location updating / periodic normal / test 2
tc_9_4_5_4_1	Location Updating / Periodic HPLMN search / UE waits time T.
tc_9_4_5_4_2	Location Updating / Periodic HPLMN search / UE in manual mode
tc_9_4_5_4_3	Location Updating / Periodic HPLMN search / UE waits at least two minutes and at most T minutes
tc_9_4_6	Location updating / interworking of attach and periodic
tc_9_5_2	MM connection / establishment with cipher
tc_9_5_3	MM connection / establishment without cipher
tc_9_5_4	MM connection / establishment rejected
tc_9_5_5	MM connection / establishment rejected cause 4
tc_9_5_6	MM connection / expiry T3230
tc_9_5_7_1	MM connection / abortion by the network / cause #6
tc_9_5_7_2	MM connection / abortion by the network / cause not equal to #6
tc_9_5_8_1	MM connection / follow-on request pending / test 1
tc_9_5_8_2	MM connection / follow-on request pending / test 2
tc_9_5_8_3	MM connection / follow-on request pending / test 3
	CC
tc_10_1_2_1_1	Outgoing call / U0 null state / MM connection requested
tc_10_1_2_2_1	Outgoing call / U0.1 MM connection pending / CM service rejected
tc_10_1_2_2_2	Outgoing call / U0.1 MM connection pending / CM service accepted
tc_10_1_2_2_3	Outgoing call / U0.1 MM connection pending / lower layer failure
tc_10_1_2_3_1	Outgoing call / U1 call initiated / receiving CALL PROCEEDING
tc_10_1_2_3_2	Outgoing call / U1 call initiated / rejecting with RELEASE COMPLETE
tc_10_1_2_3_3	Outgoing call / U1 call initiated / T303 expiry

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tc_10_1_2_3_4	Outgoing call / U1 call initiated / lower layer failure
tc_10_1_2_3_5	Outgoing call / U1 call initiated / receiving ALERTING
tc_10_1_2_3_6	Outgoing call / U1 call initiated / entering state U10
tc_10_1_2_3_7	Outgoing call / U1 call initiated / unknown message received
tc_10_1_2_4_1	Outgoing call / U3 UE originating call proceeding / ALERTING received
tc_10_1_2_4_2	Outgoing call / U3 UE originating call proceeding / CONNECT received
tc_10_1_2_4_3	Outgoing call / U3 UE originating call proceeding / PROGRESS received without in band information
tc_10_1_2_4_4	Outgoing call / U3 UE originating call proceeding / / PROGRESS with in band information
tc_10_1_2_4_5	Outgoing call / U3 UE originating call proceeding / DISCONNECT with in band tones
tc_10_1_2_4_6	Outgoing call / U3 UE originating call proceeding / DISCONNECT without in band tones
tc_10_1_2_4_7	Outgoing call / U3 UE originating call proceeding / RELEASE received
tc_10_1_2_4_8	Outgoing call / U3 UE originating call proceeding / termination requested by the user
tc_10_1_2_4_9	Outgoing call / U3 UE originating call proceeding / traffic channel allocation
tc_10_1_2_4_10	Outgoing call / U3 UE originating call proceeding / timer T310 time-out
tc_10_1_2_4_11	Outgoing call / U3 UE originating call proceeding / lower layer failure
tc_10_1_2_4_12	Outgoing call / U3 UE originating call proceeding / unknown message received
tc_10_1_2_4_13	Outgoing call / U3 UE originating call proceeding / CONNECT received
tc_10_1_2_5_1	Outgoing call / U4 call delivered / CONNECT received
tc_10_1_2_5_2	Outgoing call / U4 call delivered / termination requested by the user
tc_10_1_2_5_3	Outgoing call / U4 call delivered / DISCONNECT with in band tones
tc_10_1_2_5_4	Outgoing call / U4 call delivered / DISCONNECT without in band tones
tc_10_1_2_5_5	Outgoing call / U4 call delivered / RELEASE received
tc_10_1_2_5_6	Outgoing call / U4 call delivered / lower layer failure
tc_10_1_2_5_7	Outgoing call / U4 call delivered / traffic channel allocation
tc_10_1_2_5_8	Outgoing call / U4 call delivered / unknown message received
tc_10_1_2_6_1	U10 call active / termination requested by the user
tc_10_1_2_6_2	U10 call active / RELEASE received
tc_10_1_2_6_3	U10 call active / DISCONNECT with in band tones
tc_10_1_2_6_4	U10 call active / DISCONNECT without in band tones
tc_10_1_2_6_5	U10 call active / RELEASE COMPLETE received
tc_10_1_2_6_6	U10 call active / SETUP received
tc_10_1_2_7_1	U11 disconnect request / clear collision
tc_10_1_2_7_2	U11 disconnect request / RELEASE received
tc_10_1_2_7_3	U11 disconnect request / timer T305 time-out
tc_10_1_2_7_4	U11 disconnect request / lower layer failure
tc_10_1_2_7_5	U11 disconnect request / unknown message received
tc_10_1_2_8_1	U12 disconnect indication / call releasing requested by the user
tc_10_1_2_8_2	U12 disconnect indication / RELEASE received
tc_10_1_2_8_3	U12 disconnect indication / lower layer failure
tc_10_1_2_8_4	U12 disconnect indication / unknown message received
tc_10_1_2_9_1	Outgoing call / U19 release request / timer T308 time-out
tc_10_1_2_9_2	Outgoing call / U19 release request / 2nd timer T308 time-out
tc_10_1_2_9_3	Outgoing call / U19 release request / RELEASE received
tc_10_1_2_9_4	Outgoing call / U19 release request / RELEASE COMPLETE received
tc_10_1_2_9_5	Outgoing call / U19 release request / lower layer failure
tc_10_1_3_1_1	Incoming call / U0 null state / SETUP received with a non supported bearer capability
tc_10_1_3_2_1	Incoming call / U6 call present / automatic call rejection
tc_10_1_3_3_1	Incoming call / U9 mobile terminating call confirmed / alerting or immediate connecting
tc_10_1_3_3_2	Incoming call / U9 mobile terminating call confirmed / DTCH assignment
tc_10_1_3_3_3	Incoming call / U9 mobile terminating call confirmed / termination requested by the user

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tc_10_1_3_3_4	Incoming call / U9 mobile terminating call confirmed / DISCONNECT received
tc_10_1_3_3_5	Incoming call / U9 mobile terminating call confirmed / RELEASE received
tc_10_1_3_3_6	Incoming call / U9 mobile terminating call confirmed / lower layer failure
tc_10_1_3_3_7	Incoming call / U9 mobile terminating call confirmed / unknown message received
tc_10_1_3_4_1	Incoming call / U7 call received / call accepted
tc_10_1_3_4_2	Incoming call / U7 call received / termination requested by the user
tc_10_1_3_4_3	Incoming call / U7 call received / DISCONNECT received
tc_10_1_3_4_4	Incoming call / U7 call received / RELEASE received
tc_10_1_3_4_5	Incoming call / U7 call received / lower layer failure
tc_10_1_3_4_6	Incoming call / U7 call received / DTCH assignment
tc_10_1_3_4_7	Incoming call / U7 call received / unknown message received
tc_10_1_3_4_8	Incoming call / U7 call received / RELEASE COMPLETE received
tc_10_1_3_5_1	Incoming call / U8 connect request / CONNECT acknowledged
tc_10_1_3_5_2	Incoming call / U8 connect request / timer T313 time-out
tc_10_1_3_5_3	Incoming call / U8 connect request / termination requested by the user
tc_10_1_3_5_4	Incoming call / U8 connect request / DISCONNECT received with in-band information
tc_10_1_3_5_5	Incoming call / U8 connect request / DISCONNECT received without in-band information
tc_10_1_3_5_6	Incoming call / U8 connect request / RELEASE received
tc_10_1_3_5_7	Incoming call / U8 connect request / lower layer failure
tc_10_1_3_5_8	Incoming call / U8 connect request / DTCH assignment
tc_10_1_3_5_9	Incoming call / U8 connect request / unknown message received
tc_10_1_4_1_1	In-call functions / DTMF information transfer / basic procedures
tc_10_1_4_2_1	In-call functions / User notification / UE terminated
tc_10_1_4_3_1	In-call functions / channel changes / a successful channel change in active state / Hard handover
tc_10_1_4_3_2	In-call function / channel changes / an unsuccessful channel change in active mode / Hard Handover
tc_10_2_1	Call Re-establishment/call present, re-establishment allowed
tc_10_3	User to user signalling
	Session Management
tc_11_1_1_1	Attach initiated by context activation/QoS Offered by Network is the QoS Requested
tc_11_1_1_2_1	QoS accepted by UE
tc_11_1_1_2_2	QoS rejected by UE
tc_11_1_2	PDP context activation requested by the network, successful and unsuccessful
tc_11_1_3_1	T3380 Expiry
tc_11_1_3_2	Collision of UE initiated and network requested PDP context activation
tc_11_1_3_3	Network initiated PDP context activation request for an already activated PDP context (on the UE side)
tc_11_1_4_1_1	QoS Offered by Network is the QoS Requested
tc_11_1_4_1_2_1	QoS accepted by UE
tc_11_1_4_1_2_2	QoS rejected by UE
tc_11_1_4_2	Unsuccessful Secondary PDP Context Activation Procedure Initiated by the UE
tc_11_1_4_3_1	T3380 Expiry
tc_11_2_1	Collision of UE and network initiated PDP context modification procedures
tc_11_2_2_1	PDP context deactivation initiated by the UE
tc_11_2_2_2	T3390 Expiry
tc_11_2_3_1	PDP context deactivation initiated by the network
tc_11_2_3_2	Collision of UE and network initiated PDP context deactivation requests
tc_11_3_1	Network initiated PDP context modification
tc_11_3_2	UE initiated PDP Context Modification accepted by network
tc_11_3_3_1	UE initiated PDP Context Modification not accepted by the network
tc_11_3_3_2	T3381 Expiry
tc_11_4_1	Error cases
	GPRS Mobility Management

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tc_12_2_1_1	PS attach / accepted
tc_12_2_1_2	PS attach / rejected / IMSI invalid / illegal UE
tc_12_2_1_3	PS attach / rejected / IMSI invalid / PS services not allowed
tc_12_2_1_4_1	PS attach / rejected / IMSI invalid / PLMN not allowed / procedure 1
tc_12_2_1_4_2	PS attach / rejected / IMSI invalid / PLMN not allowed / procedure 2
tc_12_2_1_5a_1	PS attach / rejected / roaming not allowed in this location area / test procedure 1
tc_12_2_1_5a_2	PS attach / rejected / roaming not allowed in this location area / test procedure 2
tc_12_2_1_5a_3	PS attach / rejected / roaming not allowed in this location area / test procedure 3
tc_12_2_1_5a_4	PS attach / rejected / roaming not allowed in this location area / test procedure 4
tc_12_2_1_5b	PS attach / rejected / No Suitable Cells In Location Area
tc_12_2_1_6_1	PS attach /abnormal cases / access barred due to access class control / procedure 1
tc_12_2_1_6_2	PS attach /abnormal cases / access barred due to access class control / procedure 2
tc_12_2_1_7	PS attach / abnormal cases / change of cell into new routing area
tc_12_2_1_8	PS attach / abnormal cases / power off
tc_12_2_1_9	PS attach / abnormal cases / PS detach procedure collision
tc_12_2_2_1	Combined PS attach / PS and non-PS attach accepted
tc_12_2_2_2_1	Combined PS attach / PS only attach accepted / procedure 1
tc_12_2_2_2_2	Combined PS attach / PS only attach accepted / procedure 2
tc_12_2_2_3	Combined PS attach / PS attach while IMSI attach
tc_12_2_2_4	Combined PS attach / rejected / IMSI invalid / illegal ME
tc_12_2_2_5	Combined PS attach / rejected / PS services and non-PS services not allowed
tc_12_2_2_6	Combined PS attach / rejected / PS services not allowed
tc_12_2_2_7a	Combined PS attach / rejected / location area not allowed
tc_12_2_2_7b	Combined PS attach / rejected / No Suitable Cells In Location Area
tc_12_2_2_8	Combined PS attach / abnormal cases / attempt counter check / miscellaneous reject causes
tc_12_2_2_9	Combined PS attach / abnormal cases / PS detach procedure collision
tc_12_3_1_1	PS detach (NMO II) / power off / accepted
tc_12_3_1_2	PS detach / accepted
tc_12_3_1_3	PS detach / abnormal cases / attempt counter check / procedure timeout
tc_12_3_1_4	PS detach / abnormal cases / GMM common procedure collision
tc_12_3_1_5	PS detach (NMO I) / power off / accepted
tc_12_3_1_6	PS detach (NMO I) / accepted / PS/IMSI detach
tc_12_3_1_7	PS detach / accepted / IMSI detach
tc_12_3_1_8	PS detach / abnormal cases / change of cell into new routing area
tc_12_3_1_9	PS detach (NMO I) / abnormal cases / PS detach procedure collision
tc_12_3_2_1	Network initiated PS detach/ re-attach not required / accepted
tc_12_3_2_2	PS detach / rejected / IMSI invalid / PS services not allowed
tc_12_3_2_3	Network initiated PS detach / IMSI detach / accepted
tc_12_3_2_4	Network initiated PS detach/ re-attach requested / accepted
tc_12_3_2_5	Network initiated PS detach / rejected / location area not allowed
tc_12_3_2_6	PS detach / rejected / No Suitable Cells In Location Area
tc_12_4_1_1	Routing area updating / accepted
tc_12_4_1_2	Routing area updating / rejected /IMSI invalid / illegal ME
tc_12_4_1_3	Routing area updating / rejected / UE identity cannot be derived by the network
tc_12_4_1_4a	Routing area updating / rejected / location area not allowed
tc_12_4_1_4b	Routing area updating / rejected / No Suitable Cells In Location Area
tc_12_4_1_5	Routing area updating / abnormal cases /attempt counter check / miscellaneous reject causes
tc_12_4_1_6	Routing area updating / abnormal cases / change of cell into new routing area
tc_12_4_1_7	Routing area updating / abnormal cases / change of cell during routing area procedure
tc_12_4_1_8	Routing area updating / abnormal cases / P-TMSI reallocation procedure collision

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tc_12_4_2_1	Combined routing area updating / combined RA/LA accepted
tc_12_4_2_2	Combined routing area updating / UE in CS operation at change of RA
tc_12_4_2_3_1	Combined routing area updating / RA only accepted / procedure 1
tc_12_4_2_3_2	Combined routing area updating / RA only accepted / procedure 2
tc_12_4_2_4	Combined routing area updating / rejected / PLMN not allowed
tc_12_4_2_5a_1	Combined routing area updating / rejected / roaming not allowed in this location area / procedure 1
tc_12_4_2_5a_2	Combined routing area updating / rejected / roaming not allowed in this location area / procedure 2
tc_12_4_2_5b	Combined routing area updating / rejected / No Suitable Cells In Location Area
tc_12_4_2_6_1	Combined routing area updating / abnormal cases /access barred due to access class control / procedure 1
tc_12_4_2_6_2	Combined routing area updating / abnormal cases /access barred due to access class control / procedure 2
tc_12_4_2_7	Combined routing area updating / abnormal cases / attempt counter check / procedure timeout
tc_12_4_2_8	Combined routing area updating / abnormal cases / change of cell into new routing area
tc_12_4_2_9	Combined routing area updating / abnormal cases / change of cell during routing area procedure
tc_12_4_2_10_1	Combined routing area updating / abnormal cases / PS detach procedure collision / procedure 1
tc_12_4_2_10_2	Combined routing area updating / abnormal cases / PS detach procedure collision / procedure 2
tc_12_4_3_1	Periodic routing area updating / accepted
tc_12_4_3_2	Periodic routing area updating / accepted / T3312 default value
tc_12_4_3_3	Periodic routing area updating / no cell available / network mode I
tc_12_4_3_4	Periodic routing area updating and periodic location area updating / no cell available
tc_12_5	P-TMSI reallocation
tc_12_6_1_1	PS authentication and ciphering / Authentication accepted
tc_12_6_1_2	PS authentication and ciphering / Authentication rejected by the network
tc_12_6_1_3_1	Authentication rejected by the UE / GMM cause 'MAC failure'
tc_12_6_1_3_2	Authentication rejected by the UE / GMM cause 'Synch failure'
tc_12_6_1_3_3	Authentication rejected by the UE / fraudulent network
tc_12_7	Identification procedure
tc_12_8	GMM READY timer handling
tc_12_9_1	Service Request initiated by the UE
tc_12_9_2	Service Request initiated by the network
tc_12_9_3	Service Request / rejected / Illegal MS
tc_12_9_4	Service Request / rejected / PS services not allowed
tc_12_9_5	Service Request / rejected / MS identity cannot be derived by the network
tc_12_9_6	Service Request / rejected / PLMN not allowed
tc_12_9_7a	Service Request / rejected / No PDP context activated
tc_12_9_7b	Service Request / rejected / No Suitable Cells In Location Area
tc_12_9_8	Service Request / Abnormal cases/ Access barred due to access control
tc_12_9_9	Service Request / Abnormal cases/ Collision with Routing Area Update procedure
tc_12_9_10	Service Request / Abnormal cases / Power off
tc_12_9_11	Service Request / Abnormal cases / Service Request procedure collision
	General Tests
tc_13_2_1_1	Emergency call / with USIM / accept case
tc_13_2_2_1	Emergency call / without USIM / accept case
tc_13_2_2_2	Emergency call / without USIM / reject case
	User Equipment features
tc_17_1_2	Test of autocalling restrictions/ Constraining the access to a single number (TS 22.001 category 3)
tc_17_1_3	Test of autocalling restrictions/ Constraining the access to a single number (TS 22.001 category 1 and 2)
tc_17_1_4	Test of autocalling restrictions/ Behaviour of the UE when its list of blacklisted numbers is full

Test cases V1.1.0

A.2.1   The TTCN Graphical form (TTCN.GR)

The TTCN.GR representation of this ATS is contained in an Adobe Portable Document Format™ file (nas.PDF contained in archive nas.ZIP) which accompanies the present document.

A.2.2   The TTCN Machine Processable form (TTCN.MP)

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (nas.MP contained in archive nas.ZIP) which accompanies the present document.

A.3   SMS ATS

The approved SMS test cases are listed.

Table A3: SMS TTCN test cases

Test case	Description
tc_16_1_1	SMS point to point on CS mode / SMS mobile terminated
tc_16_1_2	SMS point to point on CS mode / SMS mobile originated
tc_16_1_3	SMS point to point on CS mode / Test of memory full condition and memory available notification
tc_16_1_4	SMS point to point on CS mode / Test of the status report capabilities and of SMS-COMMAND
tc_16_1_5_1	SMS point to point on CS mode / Test of class 0 short messages
tc_16_1_5_2	SMS point to point on CS mode / Test of class 1 short messages
tc_16_1_5_3	SMS point to point on CS mode / Test of class 2 short messages
tc_16_1_7	SMS point to point on CS mode / Test of the replace mechanism for SM type 1-7
tc_16_1_8	SMS point to point on CS mode / Test of the reply path scheme
tc_16_1_9_1	SMS point to point on CS mode / Multiple SMS mobile originated / UE in idle mode
tc_16_1_9_2	SMS point to point on CS mode / Multiple SMS mobile originated / UE in active mode
tc_16_1_10	Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message
tc_16_2_1	SMS point to point on PS mode / SMS mobile terminated
tc_16_2_2	SMS point to point on PS mode / SMS mobile originated
tc_16_2_3	SMS point to point on PS mode / Test of memory full and memory available notification
tc_16_2_4	SMS point to point on PS mode / Test of the status report capabilities and of SMS-COMMAND
tc_16_2_5_1	SMS point to point on PS mode / Test of Class 0 Short Messages
tc_16_2_5_2	SMS point to point on PS mode / Test of Class 1 Short Messages
tc_16_2_5_1	SMS point to point on PS mode / Test of Class 2 Short Messages
tc_16_2_7	SMS point to point on PS mode / Test of the replace mechanism for SM type 1-7
tc_16_2_8	SMS point to point on PS mode / Test of the reply path scheme
tc_16_2_10	SMS point to point on PS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message
tc_16_3	Short message service cell broadcast

A.4   RRC ATS

The approved RRC test cases are listed.

Test cases V1.1.0

Table A4: RRC TTCN test cases

Test case	Description
Singlecell	
tc_8_1_1_1	Paging for Connection in idle mode
tc_8_1_1_2	Paging for Connection in connected mode (CELL_DCH)
tc_8_1_1_3	Paging for Connection in connected mode (URA_PCH)
tc_8_1_1_4	Paging for Notification in idle mode
tc_8_1_1_5	Paging for Notification in connected mode (CELL_PCH)
tc_8_1_1_6	Paging for Notification in connected mode (URA_PCH)
tc_8_1_1_7	Paging for Notification in connected mode (CELL_DCH)
tc_8_1_1_8	Paging for Notification in connected mode (CELL_FACH)
tc_8_1_2_1	RRC Connection Establishment in CELL_DCH state: Success
tc_8_1_2_2	RRC Connection Establishment: Success after T300 timeout
tc_8_1_2_3	RRC Connection Establishment: Failure (V300 is greater than N300)
tc_8_1_2_4	RRC Connection Establishment: Reject ("wait time" is not equal to 0)
tc_8_1_2_5	RRC Connection Establishment: Reject ("wait time" is not equal to 0 and V300 is greater than N300)
tc_8_1_2_6	RRC Connection Establishment: Reject ("wait time" is set to 0)
tc_8_1_2_7	RRC Connection Establishment in CELL_FACH state: Success
tc_8_1_2_9	RRC Connection Establishment: Success after Physical
tc_8_1_3_1	RRC Connection Release in CELL_DCH state: Success
tc_8_1_3_2	RRC Connection Release in CELL_FACH state: Success
tc_8_1_3_3	RRC Connection Release using on CCCH in CELL_FACH state: Success
tc_8_1_3_4	RRC Connection Release in CELL_FACH state: Failure
tc_8_1_3_5	RRC Connection Release in CELL_FACH state: Invalid message
tc_8_1_5_1	UE Capability: Success
tc_8_1_5_2	UE Capability: Success after T304 timeout
tc_8_1_5_3	UE Capability in CELL_DCH state: Failure (After N304 retransmissions)
tc_8_1_5_4	UE Capability in CELL_DCH state: Success
tc_8_1_5_5	UE Capability in CELL_FACH state: Success after T304 timeout
tc_8_1_6_1	Direct Transfer in CELL DCH state (invalid message reception)
tc_8_1_6_2	Direct Transfer in CELL FACH state (invalid message reception)
tc_8_1_7_1	Security mode control in CELL_DCH state
tc_8_1_7_2	Security mode control in CELL_FACH state
tc_8_1_8_1	Counter check in CELL_DCH state
tc_8_1_8_2	Counter check in CELL_FACH state
tc_8_1_9	Signalling Connection Release Request
tc_8_2_1_1	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Data integrity protection algorithm is not applied)
tc_8_2_1_3	RB Est. for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
tc_8_2_1_4	RB Est. for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and successful reversion to old configuration)
tc_8_2_1_5	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and reversion failure)
tc_8_2_1_6	RB Est. for transition from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_1_7	RB Est. for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception)
tc_8_2_1_8	Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success
tc_8_2_1_9	Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Failure (Cell reselection)
tc_8_2_1_10	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success
tc_8_2_1_11	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
tc_8_2_1_12	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical

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	channel Failure and successful reversion to old configuration)
tc_8_2_1_13	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and reversion failure)
tc_8_2_1_14	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_1_15	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception)
tc_8_2_1_16	Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH: Success
tc_8_2_1_17	Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: success (Subsequently received)
tc_8_2_1_18	Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)
tc_8_2_1_19	Radio Bearer Establishment from CELL_DCH to CELL_PCH: Success
tc_8_2_1_20	Radio Bearer Establishment from CELL_DCH to URA_PCH: Success
tc_8_2_2_1	Radio Bearer Reconfiguration (Hard handover) from CELL_DCH to CELL_DCH: Success
tc_8_2_2_3	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
tc_8_2_2_4	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)
tc_8_2_2_5	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_2_6	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Invalid message reception)
tc_8_2_2_7	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Continue and stop)
tc_8_2_2_8	Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success
tc_8_2_2_9	Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Failure (Physical channel failure)
tc_8_2_2_10	Radio Bearer Reconfiguration: from CELL_FACH to CELL_DCH: Success
tc_8_2_2_12	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
tc_8_2_2_13	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)
tc_8_2_2_14	Radio Bearer Reconfigure from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_2_15	Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid message reception)
tc_8_2_2_17	Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success
tc_8_2_2_18	Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Failure (Physical channel failure)
tc_8_2_2_19	Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)
tc_8_2_2_20	Radio Bearer Reconfigure from CELL_FACH to CELL_DCH: Success (Subsequently received)
tc_8_2_2_21	Radio Bearer Reconfiguration from CELL_DCH to CELL_PCH: Success
tc_8_2_2_22	Radio Bearer Reconfiguration from CELL_DCH to URA_PCH: Success
tc_8_2_2_23	Radio Bearer Reconfiguration from CELL_FACH to CELL_PCH: Success
tc_8_2_2_24	Radio Bearer Reconfiguration from CELL_FACH to URA_PCH: Success
tc_8_2_3_1	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success
tc_8_2_3_3	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
tc_8_2_3_4	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure(Physical channel failure and reversion failure)
tc_8_2_3_5	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_3_6	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception)
tc_8_2_3_7	Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success

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tc_8_2_3_8	Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Failure (Physical channel failure)
tc_8_2_3_9	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success
tc_8_2_3_11	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
tc_8_2_3_12	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)
tc_8_2_3_13	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_3_14	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception)
tc_8_2_3_15	Radio Bearer Release for transition from CELL_FACH to CELL_FACH: Success
tc_8_2_3_16	Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)
tc_8_2_3_17	Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)
tc_8_2_3_18	Radio Bearer Release from CELL_DCH to CELL_PCH: Success
tc_8_2_3_19	Radio Bearer Release from CELL_DCH to URA_PCH: Success
tc_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
tc_8_2_4_2	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
tc_8_2_4_3	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
tc_8_2_4_4	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)
tc_8_2_4_5	Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_4_6	Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
tc_8_2_4_7	Transport channel reconfiguration from CELL_DCH to CELL_FACH: Success
tc_8_2_4_9	Transport channel reconfiguration from CELL_DCH to CELL_FACH: Failure (Cell re-selection)
tc_8_2_4_10	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success
tc_8_2_4_11	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
tc_8_2_4_12	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old channel)
tc_8_2_4_13	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)
tc_8_2_4_14	Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_4_15	Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
tc_8_2_4_16	Transport channel reconfiguration from CELL_FACH to CELL_FACH: Success with no transport channel type switching
tc_8_2_4_17	Transport channel reconfiguration from CELL_FACH to CELL_FACH: Failure (Cell re-selection)
tc_8_2_4_18	Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)
tc_8_2_4_19	Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)
tc_8_2_4_20	Transport Channel Reconfiguration from CELL_DCH to CELL_PCH: Success
tc_8_2_4_21	Transport Channel Reconfiguration from CELL_DCH to URA_PCH: Success
tc_8_2_5_1	Transport format combination control in CELL_DCH: restriction
tc_8_2_5_2	Transport format combination control in CELL_DCH: release a restriction
tc_8_2_5_4	Transport format combination control in CELL_DCH: Failure (Invalid message reception and Invalid configuration)
tc_8_2_6_1	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Success
tc_8_2_6_2	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Unsupported configuration)
tc_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)

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tc_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)
tc_8_2_6_5	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Failure (Incompatible simultaneous reconfiguration)
tc_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)
tc_8_2_6_7	Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success
tc_8_2_6_8	Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Failure (Cell re-selection)
tc_8_2_6_9	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success
tc_8_2_6_10	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
tc_8_2_6_11	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
tc_8_2_6_12	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)
tc_8_2_6_13	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
tc_8_2_6_14	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and Invalid configuration)
tc_8_2_6_15	Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH (Hard handover to another frequency): Success
tc_8_2_6_16	Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH: Failure (Cell re-selection)
tc_8_2_6_17	Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency): Success (Subsequently received)
tc_8_2_6_18	Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)
tc_8_2_6_19	Physical Channel Reconfiguration from CELL_DCH to CELL_PCH: Success
tc_8_2_6_20	Physical Channel Reconfiguration from CELL_DCH to URA_PCH: Success
tc_8_3_1_1	Cell Update: cell reselection in CELL_FACH
tc_8_3_1_2	Cell Update: cell reselection in CELL_PCH
tc_8_3_1_3	Cell Update: periodical cell update in CELL_FACH
tc_8_3_1_4	Cell Update: periodical cell update in CELL_PCH
tc_8_3_1_5	Cell Update: UL data transmission in URA_PCH
tc_8_3_1_6	Cell Update: UL data transmission in CELL_PCH
tc_8_3_1_9	Cell Update: re-entering of service area after T305 expiry and being out of service area
tc_8_3_1_10	Cell Update: expiry of T307 after T305 expiry and being out of service area
tc_8_3_1_11	Cell Update: Success after T302 time-out
tc_8_3_1_12	Cell Update: Failure (After Maximum Re-transmissions)
tc_8_3_1_13	Cell Update: Reception of Invalid CELL UPDATE CONFIRM Message
tc_8_3_1_14	Cell Update: Incompatible simultaneous reconfiguration
tc_8_3_1_15	Cell Update: Acknowledged Mode RLC Reset
tc_8_3_1_16	Cell Update: cell reselection in CELL_FACH
tc_8_3_1_17	Cell Update: Failure (UTRAN initiate an RRC connection release procedure on DCCH)
tc_8_3_1_18	Cell Update: Radio Link Failure (T314>0, T315=0)
tc_8_3_1_20	Cell Update: Reception of CELL UPDATE CONFIRM Message that causes invalid configuration
tc_8_3_2_1	URA Update: URA reselection
tc_8_3_2_2	URA Update: periodical URA update
tc_8_3_2_3	URA Update: re-entering of service area after T306 expiry
tc_8_3_2_4	URA Update: loss of service after expiry of timers T307 and T306
tc_8_3_2_5	URA Update: Success After Confirmation error of URA-ID list
tc_8_3_2_6	URA Update: Failure (V303 is greater than N303: Confirmation error of URA-ID list)
tc_8_3_2_7	URA Update: Success after T303 timeout
tc_8_3_2_8	URA Update: Failure (V303 is greater than N303: T303 timeout)
tc_8_3_2_9	URA Update: Failure (UTRAN initiate an RRC connection release procedure on DCCH)
tc_8_3_3_1	UTRAN Mobility Information: Success
tc_8_3_3_2	UTRAN Mobility Information: Failure (Invalid message reception)

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tc_8_3_4_1	Active set update in soft handover: Radio Link Addition
tc_8_3_4_2	Active set update in soft handover: Radio Link Removal
tc_8_3_4_3	Active set update in soft handover: Combined radio link addition and removal (Active set is not full)
tc_8_3_4_4	Active set update in soft handover: Unsupported configuration in the UE
tc_8_3_4_5	Active set update in soft handover: Combined radio link addition and removal (Active set is full)
tc_8_3_4_7	Active set update in soft handover: Invalid Message Reception
tc_8_3_7_1	Inter system handover from UTRAN/To GSM/Speech/Success
tc_8_3_7_2	Inter system handover from UTRAN/To GSM/Data/Same data rate/Success
tc_8_3_7_3	Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Success
tc_8_3_7_4	Inter system handover from UTRAN/To GSM/Speech/Establishment/Success
tc_8_3_7_5	Inter system handover from UTRAN/To GSM/Speech/Failure
tc_8_3_7_6	Inter system handover from UTRAN/To GSM/Speech/Failure (L2 Establishment)
tc_8_3_7_7	Inter system handover from UTRAN/To GSM/Speech/Failure (L1 Synchronization)
tc_8_3_7_8	Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid Inter-RAT message)
tc_8_3_7_9	Inter system handover from UTRAN/To GSM/Speech/Failure (Unsupported configuration)
tc_8_3_7_10	Inter system handover from UTRAN/To GSM/Speech/Failure (Reception by UE in CELL_FACH)
tc_8_3_7_11	Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid message reception)
tc_8_3_7_12	Inter system handover from UTRAN/To GSM/Speech/Failure (Physical channel Failure and Reversion Failure)
Measurement	
tc_8_4_1_1	Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state
tc_8_4_1_2	Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state
tc_8_4_1_3	Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH state
tc_8_4_1_4	Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_FACH state
tc_8_4_1_5	Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state
tc_8_4_1_6	Measurement Control and Report: Inter-frequency measurement for transition from CELL_DCH to CELL_FACH state
tc_8_4_1_7	Measurement Control and Report: Intra-frequency measurement for transition from CELL_FACH to CELL_DCH state
tc_8_4_1_8	Measurement Control and Report: Inter-frequency measurement for transition from CELL_FACH to CELL_DCH state
tc_8_4_1_9	Measurement Control and Report: Unsupported measurement in the UE
tc_8_4_1_10	Measurement Control and Report: Failure (Invalid Message Reception)
tc_8_4_1_11	Measurement Control and Report: Compressed Mode Configuration Failure during radio bearer reconfiguration procedure
tc_8_4_1_12	Measurement Control and Report: Compressed Mode Configuration Failure during transport channel reconfiguration procedure
tc_8_4_1_13	Measurement Control and Report: Compressed Mode Configuration Failure during physical channel reconfiguration procedure
tc_8_4_1_14	Measurement Control and Report: Cell forbidden to affect reporting range
tc_8_4_1_15	Measurement Control and Report: Configuration Incomplete
Idle Mode Operations	
tc_6_1_1_1	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode
tc_6_1_1_2	PLMN selection of "Other PLMN / access technology combinations"; Manual mode
tc_6_1_1_3	PLMN selection; independence of RF level and preferred PLMN; Manual mode
tc_6_1_1_4	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Automatic mode
tc_6_1_1_5	PLMN selection of "Other PLMN / access technology combinations"; Automatic mode
tc_6_1_1_6	UE will transmit only if PLMN available
tc_6_1_2_1	Cell reselection
tc_6_1_2_2	Cell reselection using Qhyst, Qoffset and Treselection
tc_6_1_2_3	HCS Cell reselection
tc_6_1_2_4	HCS Cell reselection using reselection timing parameters for the H criterion
tc_6_1_2_5	HCS Cell reselection using reselection timing parameters for the R criterion

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tc_6_1_2_6	Emergency calls
tc_6_1_2_7	Emergency calls; Intra-frequency cell "Not allowed"
tc_6_2_1_1	Selection of the correct PLMN and associated RAT
tc_6_2_1_2	Selection of RAT for HPLMN; Manual mode
tc_6_2_1_3	Selection of RAT for UPLMN; Manual mode
tc_6_2_1_4	Selection of RAT for OPLMN; Manual mode
tc_6_2_1_5	Selection of "Other PLMN / access technology combinations"; Manual mode
tc_6_2_1_6	Selection of RAT for HPLMN; Automatic mode
tc_6_2_1_7	Selection of RAT for UPLMN; Automatic mode
tc_6_2_1_8	Selection of RAT for OPLMN; Automatic mode
tc_6_2_1_9	Selection of "Other PLMN / access technology combinations "; Automatic mode
tc_6_2_2_1	Cell reselection if cell becomes barred or S<0; UTRAN to GSM
tc_6_2_2_2	Cell reselection if cell becomes barred or C1<0; GSM to; UTRAN
tc_6_2_2_3	Cell reselection timings; GSM to UTRAN

A.5   RLC ATS

The approved RLC test cases are listed.

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Table A5: RLC TTCN test cases

Test case	Description
tc_7_2_2_2	UM Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators
tc_7_2_2_3	UM Segmentation / 7-bit Length Indicators / Padding
tc_7_2_2_4	UM Segmentation / 7-bit Length Indicators / LI = 0
tc_7_2_2_5	UM Segmentation / 7-bit Length Indicators / Invalid LI value
tc_7_2_2_6	UM Segmentation / 7-bit Length Indicators / LI value > PDU size
tc_7_2_2_7	UM Segmentation / 7-bit Length Indicators / First data octet LI
tc_7_2_2_8	UM Segmentation / 15-bit Length Indicators / Padding
tc_7_2_2_9	UM Segmentation / 15-bit Length Indicators / LI = 0
tc_7_2_2_10	UM Segmentation / 15-bit Length Indicators / One octet short LI
tc_7_2_2_11	UM Segmentation / 15-bit Length Indicators / Invalid LI value
tc_7_2_2_12	UM Segmentation / 15-bit Length Indicators / LI value > PDU size
tc_7_2_2_13	UM Segmentation / 15-bit Length Indicators / First data octet LI
tc_7_2_3_2	AM Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators
tc_7_2_3_3	AM Segmentation / 7-bit Length Indicators / Padding or Piggy-backed Status
tc_7_2_3_4	AM Segmentation / 7-bit Length Indicators / LI = 0
tc_7_2_3_5	AM Segmentation / 7-bit Length Indicators / Reserved LI value
tc_7_2_3_6	AM Segmentation / 7-bit Length Indicators / LI value > PDU size
tc_7_2_3_7	AM Segmentation / 15-bit Length Indicators / Padding or Piggy-backed Status
tc_7_2_3_8	AM Segmentation / 15-bit Length Indicators / LI = 0
tc_7_2_3_9	AM Segmentation / 15-bit Length Indicators / One octet short LI
tc_7_2_3_10	AM Segmentation / 15-bit Length Indicators / Reserved LI value
tc_7_2_3_11	AM Segmentation / 15-bit Length Indicators / LI value > PDU size
tc_7_2_3_12	AM Correct use of Sequence Numbering
tc_7_2_3_13	AM Control of Transmit Window
tc_7_2_3_14	AM Control of Receive Window
tc_7_2_3_15	AM Polling for status / Last PU in transmission queue
tc_7_2_3_16	Polling for status / Last PU in retransmission queue
tc_7_2_3_17	AM Polling for status / Poll every Poll_PU Pus
tc_7_2_3_18	Polling for status / Poll every Poll_SDU SDUs
tc_7_2_3_19	AM Polling for status / Timer triggered polling (Timer_Poll_Periodic)
tc_7_2_3_20	AM Polling for status / Polling on Poll_Window% of transmission window
tc_7_2_3_21	AM Polling for status / Operation of Timer_Poll timer / Timer expiry
tc_7_2_3_22	AM Polling for status / Operation of Timer_Poll timer / Stopping Timer_Poll timer
tc_7_2_3_23	AM Polling for status / Operation of Timer_Poll timer / Restart of the Timer_Poll timer
tc_7_2_3_24	AM Polling for status / Operation of timer Timer_Poll_Prohibit
tc_7_2_3_25	AM Receiver Status Triggers / Detection of missing Pus
tc_7_2_3_26	AM Receiver Status Triggers / Operation of timer Timer_Status_Periodic
tc_7_2_3_27	AM Receiver Status Triggers / Operation of timer Timer_Status_Prohibit
tc_7_2_3_28	AM Status reporting / Abnormal conditions / Reception of LIST SUFI with Length set to zero
tc_7_2_3_29	AM Timer based discard, with explicit signalling / Expiry of Timer_Discard
tc_7_2_3_30	AM Timer based discard, with explicit signalling / Obsolete MRW_ACK
tc_7_2_3_31	AM Timer based discard, with explicit signalling / Failure of MRW procedure
tc_7_2_3_32	AM SDU discard after MaxDAT number of retransmissions
tc_7_2_3_33	AM Operation of the RLC Reset procedure / UE Originated
tc_7_2_3_34	AM Operation of the RLC Reset procedure / UE Terminated

A.6   MAC ATS

The approved MAC test cases are listed.

Table A6: MAC TTCN test cases

Test case	Description
tc_7_1_1_2	DTCH or DCCH mapped to RACH/FACH / In valid TCTF
tc_7_1_1_3	DTCH or DCCH mapped to RACH/FACH / Invalid C/T Field
tc_7_1_1_4	DTCH or DCCH mapped to RACH/FACH / Invalid UE ID Type Field
tc_7_1_1_5	DTCH or DCCH mapped to RACH/FACH / Incorrect UE ID

A.7   BMC ATS

The approved BMC test cases are listed.

Table A7: BMC TTCN test cases

Test case	Description
tc_7_4_2_1	General BMC message reception / UE in Idle mode
tc_7_4_2_2	General BMC message reception / UE in RRC CELL_PCH
tc_7_4_2_3	General BMC message reception / UE in RRC URA_PCH
tc_7_4_3_1	BMC Message Reception Procedure

A.8   PDCP ATS

The approved PDCP test cases are listed.

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Table A8: PDCP TTCN test cases

Test case	Description
tc_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)
tc_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)
tc_7_3_2_1_2	IP Header Compression and PID assignment /UE in RLC AM/Transmission of compressed Header
tc_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)
tc_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)
tc_7_3_2_2_2	IP Header Compression and PID assignment /UE in RLC UM/Transmission of compressed Header
tc_7_3_2_2_3	Extension of used compression methods
tc_7_3_2_2_4	Compression type used for different entities
tc_7_3_2_2_5	Reception of not defined PID values
tc_7_3_3_1	
tc_7_3_3_2	

A.9 RAB ATS

The approved RAB test cases are listed.

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Table A9: RAB TTCN test cases

Test case	Description
tc_14_2_4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_5	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH
tc_14_2_6	Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_7	Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_8	Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_9	Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_10	Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH
tc_14_2_11	Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH
tc_14_2_12	Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_13_1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI
tc_14_2_13_2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI
tc_14_2_14_1	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH Conversational / unknown / UL:32 DL:32 kbps / CS RAB / 20 ms TTI
tc_14_2_14_2	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH Conversational / unknown / UL:32 DL:32 kbps / CS RAB / 40 ms TTI
tc_14_2_15	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_16	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_17	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_19	Streaming / unknown / UL:64 /DL:0 kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_21	Streaming / unknown / UL:128/DL:0kbps / CS or PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_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,10ms TTI)
tc_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)
tc_14_2_26	Interactive or Background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_27	Interactive or background / UL:64 DL: 128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH
tc_14_2_45	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming/ unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL: 3.4 DL: 3.4 kbps SRBs for DCCH
tc_14_2_49_1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI
tc_14_2_49_2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI
tc_14_2_50_1	Conversational / unknown / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI
tc_14_2_50_2	Conversational / unknown / UL:64 DL:64kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI

Total of test cases: 573
Ready for verification (Green): 399