NOTE 1: Test cases in green are ready for verification.
NOTE 2: Test cases in white are compilable.

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A.2   NAS ATS

The approved NAS test cases are listed.

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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
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_4_1	Location updating / rejected / PLMN not allowed/Test 1
9_4_2_2_4_2	Location updating / rejected / PLMN not allowed / Test 2
9_4_2_3	Location updating / rejected / location area not allowed
9_4_2_4 Proc 1	Location updating / rejected / roaming not allowed in this location area / Procedure 1
9_4_2_4 Proc 2	Location updating / rejected / roaming not allowed in this location area / Procedure 2
9_4_2_4 Proc 3	Location updating / rejected / roaming not allowed in this location area / Procedure 3
9_4_2_4 Proc 4	Location updating / rejected / roaming not allowed in this location area / Procedure 4
9_4_2_4 Proc 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_4_7	Location Updating / accept with replacement or deletion of Equivalent PLMN list
9_4_8	Location Updating after UE power off
9_4_9	Location Updating / Accept, Interaction between Equivalent PLMNs and Forbidden PLMNs
9_5_2	MM connection / establishment in security mode
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

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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
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 / Internal alerting indication
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 release 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

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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 / unknown message received
10_1_3_4_7	Incoming call / U7 call received / DTCH assignment
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
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/ Handover and Assignment Command
10_1_4_3_2	In-call functions / channel changes / an unsuccessful channel change in active mode/ Handover and Assignment Command
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 offered by the network is a lower QoS / QoS accepted by UE
11_1_1_2_2	QoS offered by the network is a lower QoS / QoS rejected by UE
11_1_2	PDP context activation requested by the network, successful and unsuccessful
11_1_3_1	Abnormal Cases / T3380 Expiry
11_1_3_2	Abnormal Cases / Collision of UE initiated and network requested PDP context activation
11_1_3_3	Abnormal Cases / Network initiated PDP context activation request for an already activated PDP context (on the UE side)
11_1_4_1_1	Successful secondary PDP context activation procedure initiated by the UE/QoS Offered by Network is the QoS Requested
11_1_4_1_2_1	Successful secondary PDP context activation procedure Initiated by the UE/QoS Offered by Network is a lower QoS/QoS accepted by UE
11_1_4_1_2_2	Successful secondary PDP context activation procedure Initiated by the UE/QoS Offered by Network is a lower QoS/QoS rejected by UE
11_1_4_2	Unsuccessful Secondary PDP Context Activation Procedure Initiated by the UE
11_1_4_3_1	Abnormal cases/T3380 Expiry
11_2_1	Network initiated PDP context modification
11_2_2_1	UE initiated PDP context modification/UE initiated PDP context modification accepted by network
11_2_2_2	UE initiated PDP context modification/UE initiated PDP context modification not accepted by network
11_2_3_1	Abnormal Cases/T3381 Expiry
11_2_3_2	Collision of UE and network initiated PDP context modification procedures
11_3_1	PDP context deactivation initiated by the UE
11_3_2	PDP context deactivation initiated by the network
11_3_3_1	Abnormal cases / T3390 Expiry
11_3_3_2	Abnormal cases / Collision of UE and network initiated PDP context deactivation requests
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 / PLMN not allowed / test procedure 1
12_2_1_4_2	PS attach / rejected / PLMN not allowed / test procedure 2

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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_5c_1	PS attach / rejected / Location area not allowed / test procedure 1
12_2_1_5c_2	PS attach / rejected / Location area not allowed / test procedure 2
12_2_1_5d	PS attach / rejected / PS services not allowed in this PLMN
12_2_1_6_1	PS attach / abnormal cases / access barred due to access class control / tes procedure 1
12_2_1_6_2	PS attach / abnormal cases / access barred due to access class control / test 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 / test procedure 1
12_2_2_2_2	Combined PS attach / PS only attach accepted / test procedure 2
12_2_2_2_3	Combined PS attach / PS only attach accepted / test procedure 3
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_7c	Combined PS attach / rejected / Roaming not allowed in this location area
12_2_2_7d	Combined PS attach / rejected / PS services not allowed in this PLMN
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 / power off / accepted
12_3_1_2	PS detach / accepted
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 / power off / accepted / PS/IMSI detach
12_3_1_6	PS detach / 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 / abnormal cases / PS detach procedure collision
12_3_2_1	PS detach / re-attach not required / accepted
12_3_2_2	PS detach / rejected / IMSI invalid / PS services not allowed
12_3_2_3	PS detach / IMSI detach / accepted
12_3_2_4	PS detach / re-attach requested / accepted
12_3_2_5	PS detach / rejected / location area not allowed
12_3_2_6	PS detach / rejected / No Suitable Cells In Location Area
12_3_2_7	PS detach / rejected / Roaming not allowed in this location area
12_4_1_1a	Routing area updating / accepted
12_4_1_1b	Routing area updating / accepted / Signalling connection re-establishment
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_4c1	Routing area updating / rejected / PS services not allowed in this PLMN
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 updating 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

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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 / test / procedure 1
12_4_2_3_2	Combined routing area updating / RA only accepted / test 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 / test procedure 1
12_4_2_5a_2	Combined routing area updating / rejected / roaming not allowed in this location area / test 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 / test procedure 1
12_4_2_6_2	Combined routing area updating / abnormal cases / access barred due to access class control / test 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 updating procedure
12_4_2_10_1	Combined routing area updating / abnormal cases / PS detach procedure collision / test procedure 1
12_4_2_10_2	Combined routing area updating / abnormal cases / PS detach procedure collision / test 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 / no cell available
12_5	P-TMSI reallocation
12_6_1_1	Authentication accepted
12_6_1_2	Authentication rejected - by the network
12_6_1_3_1	GMM cause 'MAC failure'
12_6_1_3_2	GMM cause 'Synch failure'
12_6_1_3_3	Authentication rejected by the UE / fraudulent network
12_7_1	General Identification
12_8	GMM READY timer handling
12_9_1	Service Request Initiated by UE Procedure
12_9_2	Service Request Initiated by Network Procedure
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_7c	Service Request / rejected / Roaming not allowed in this location area
12_9_8	Service Request / Abnormal cases / Access barred due to access class control
12_9_9	Service Request / Abnormal cases / Routing area update procedure is triggered
12_9_10	Service Request / Abnormal cases / Power off
12_9_11	Service Request / Abnormal cases / Service request procedure collision
	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	Constraining the access to a single number
17_1_3	Constraining the access to a single number
17_1_4	Behaviour of the MS 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 on CS mode / SMS mobile terminated
16_1_2	SMS on CS mode / SMS mobile originated
16_1_3	SMS on CS mode / Test of memory full condition and memory available notification
16_1_4	SMS on CS mode / Test of the status report capabilities and of SMS-COMMAND
16_1_5_1	SMS on CS mode / Short message class 0
16_1_5_2	SMS on CS mode / Test of class 1 short messages
16_1_5_3	SMS on CS mode / Test of class 2 short messages
16_1_6	SMS on CS mode / Test of short message type 0
16_1_7	SMS on CS mode / Test of the replace mechanism for SM type 1-7
16_1_8	SMS on CS mode / Test of the reply path scheme
16_1_9_1	SMS on CS mode / Multiple SMS mobile originated / UE in idle mode
16_1_9_2	SMS on CS mode / Multiple SMS mobile originated / UE in active mode
16_1_10	SMS on CS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message
16_2_1	SMS on PS mode / SMS mobile terminated
16_2_2	SMS on PS mode / SMS mobile originated
16_2_3	SMS on PS mode / Test of memory full condition and memory available notification
16_2_4	SMS on PS mode / Test of the status report capabilities and of SMS-COMMAND
16_2_5_1	Short message class 0
16_2_5_2	SMS on PS mode / Test of class 1 short messages
16_2_5_3	SMS on PS mode / Test of class 2 short messages
16_2_6	SMS on PS mode / Test of short message type 0
16_2_7	SMS on PS mode / Test of the replace mechanism for SM type 1-7
16_2_8	SMS on PS mode / Test of the reply path scheme
16_2_10	SMS 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	RRC / Paging for Connection in idle mode
8_1_1_2	RRC / Paging for Connection in connected mode (CELL_PCH)
8_1_1_3	RRC / Paging for Connection in connected mode (URA_PCH)
8_1_1_4	RRC / Paging for notification of BCCH modification in idle mode
8_1_1_5	RRC / Paging for notification of BCCH modification in connected mode (CELL_PCH)
8_1_1_6	RRC / Paging for notification of BCCH modification in connected mode (URA_PCH)
8_1_1_7	RRC / Paging for Connection in connected mode (CELL_DCH)
8_1_1_8	RRC / Paging for Connection in connected mode (CELL_FACH)
8_1_2_1	RRC / RRC Connection Establishment in CELL_DCH state: Success
8_1_2_2	RRC / RRC Connection Establishment: Success after T300 timeout
8_1_2_3	RRC / RRC Connection Establishment: Failure (V300 is greater than N300)
8_1_2_4	RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0)
8_1_2_5	RRC / RRC Connection Establishment: Reject ("wait time" is not equal to 0 and V300 is greater than N300)
8_1_2_6	RRC / RRC Connection Establishment: Reject ("wait time" is set to 0)
8_1_2_7	RRC / RRC Connection Establishment in CELL_FACH state: Success
8_1_2_9	RRC / RRC Connection Establishment: Success after Physical channel failure and Invalid configuration
8_1_3_1	RRC / RRC Connection Release in CELL_DCH state: Successful
8_1_3_2	RRC / RRC Connection Release using on DCCH in CELL_FACH state: Successful
8_1_3_3	RRC / RRC Connection Release using on CCCH in CELL_FACH state: Failure
8_1_3_4	RRC / RRC Connection Release in CELL_FACH state: Failure
8_1_3_5	RRC / RRC Connection Release in CELL_FACH state: Invalid message
8_1_5_1	RRC / UE Capability in CELL_DCH state: Success
8_1_5_2	RRC / UE Capability in CELL_DCH state: Success after T304 timeout
8_1_5_3	RRC / UE Capability in CELL_DCH state: Failure (After N304 re-transmissions)
8_1_5_4	RRC / UE Capability in CELL_FACH state: Success
8_1_5_5	RRC / 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 (CS Domain)
8_1_7_1b	Security mode command in CELL_DCH state (PS Domain)
8_1_7_2	RRC / Security mode control in CELL_FACH state
8_1_8_1	RRC / Counter check in CELL_DCH state
8_1_8_2	RRC / Counter check in CELL_FACH state
8_1_9	RRC / Signalling Connection Release Indication
8_2_1_1	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success
8_2_1_3	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
8_2_1_4	RRC / 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	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Physical channel Failure and reversion failure)
8_2_1_6	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous configuration)
8_2_1_7	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_1_8	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success
8_2_1_9	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8_2_1_10	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success

8_2_1_11	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8_2_1_12	RRC / 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	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and reversion failure)
8_2_1_14	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8_2_1_15	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_1_16	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH: Success
8_2_1_17	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)
8_2_1_18	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)
8_2_1_19	RRC / Radio Bearer Establishment from CELL_DCH to CELL_PCH: Success
8_2_1_20	RRC / Radio Bearer Establishment from CELL_DCH to URA_PCH: Success
8_2_2_1	RRC / Radio Bearer Reconfiguration (Hard Handover) from CELL_DCH to CELL_DCH: Success
8_2_2_2	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
8_2_2_3	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8_2_2_4	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8_2_2_5	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8_2_2_6	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_2_7	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Continue and stop)
8_2_2_8	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success
8_2_2_9	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8_2_2_10	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success
8_2_2_11	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8_2_2_12	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old configuration)
8_2_2_13	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and cell reselection)
8_2_2_14	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8_2_2_15	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_2_16	Void
8_2_2_17	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success
8_2_2_18	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success (Cell re-selection)
8_2_2_19	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)
8_2_2_20	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)
8_2_2_21	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_PCH: Success
8_2_2_22	RRC / Radio Bearer Reconfiguration from CELL_DCH to URA_PCH: Success
8_2_2_23	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_PCH: Success
8_2_2_24	RRC / Radio Bearer Reconfiguration from CELL_FACH to URA_PCH: Success
8_2_3_1	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success
8_2_3_2	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)

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8_2_3_3	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8_2_3_4	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8_2_3_5	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8_2_3_6	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_3_7	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success
8_2_3_8	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8_2_3_9	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success
8_2_3_10	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8_2_3_11	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old configuration)
8_2_3_12	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and cell re-selection)
8_2_3_13	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8_2_3_14	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_3_15	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_FACH: Success
8_2_3_16	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success (Subsequently received)
8_2_3_17	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)
8_2_3_18	RRC / Radio Bearer Release from CELL_DCH to CELL_PCH: Success
8_2_3_19	RRC / Radio Bearer Release from CELL_DCH to URA_PCH: Success
8_2_4_1	RRC / 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_2	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)
8_2_4_3	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)
8_2_4_4	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)
8_2_4_5	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8_2_4_6	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_4_7	RRC / Transport channel reconfiguration from CELL_DCH to CELL_FACH: Success
8_2_4_9	RRC / Transport channel reconfiguration from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8_2_4_10	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success
8_2_4_11	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8_2_4_12	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old channel)
8_2_4_13	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical channel failure and cell re-selection)
8_2_4_14	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8_2_4_15	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_4_16	RRC / Transport channel reconfiguration from CELL_FACH to CELL_FACH: Success with no transport channel type switching
8_2_4_17	RRC / Transport channel reconfiguration from CELL_FACH to CELL_FACH: Success (Cell re-selection)

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8_2_4_18	RRC / Transport Channel Reconfiguration from CELL_DCH to CELL_DCH: Success (Subsequently received)
8_2_4_19	RRC / Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)
8_2_4_20	RRC / Transport channel Reconfiguration from CELL_DCH to CELL_PCH: Success
8_2_4_21	RRC / Transport channel from CELL_DCH to URA_PCH: Success
8_2_4_22	RRC / Transport channel reconfiguration from CELL_FACH to CELL_PCH: Success
8_2_4_23	RRC / Transport channel reconfiguration from CELL_FACH to URA_PCH: Success
8_2_5_1	RRC / Transport format combination Control in CELL_DCH: restriction
8_2_5_4	RRC / Transport format combination Control in CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_6_1	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Success
8_2_6_2	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Unsupported configuration)
8_2_6_3	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Physical channel failure and reversion to old channel)
8_2_6_4	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Physical channel failure and reversion failure)
8_2_6_5	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure (Incompatible simultaneous reconfiguration)
8_2_6_6	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handoverfor code modification): Failure (Invalid message reception and invalid configuration)
8_2_6_7	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success
8_2_6_8	RRC / Physical channel reconfiguration for trans ition from CELL_DCH to CELL_FACH: Success (Cell re-selection)
8_2_6_9	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Success
8_2_6_10	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Unsupported configuration)
8_2_6_11	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and successful reversion to old configuration)
8_2_6_12	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and cell re-selection)
8_2_6_13	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)
8_2_6_14	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Invalid message reception and invalid configuration)
8_2_6_15	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH (Hard handover to another cell): Success
8_2_6_16	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH: Failure (Cell re-selection)
8_2_6_17	RRC / Physical Channel Reconfiguration from CELL_DCH to CELL_DCH (Hard Handover for code modification): Success (Subsequently received)
8_2_6_18	RRC / Physical Channel Reconfiguration from CELL_FACH to CELL_DCH: Success (Subsequently received)
8_2_6_19	RRC / Physical channel from CELL_DCH to CELL_PCH: Success
8_2_6_20	RRC / Physical channel from CELL_DCH to URA_PCH: Success
8_3_1_1	RRC / Cell Update: cell reselection in CELL_FACH
8_3_1_2	RRC / Cell Update: cell reselection in CELL_PCH
8_3_1_3	RRC / Cell Update: periodical cell update in CELL_FACH
8_3_1_4	RRC / Cell Update: periodical cell update in CELL_PCH
8_3_1_5	RRC / Cell Update: UL data transmission in URA_PCH
8_3_1_6	RRC / Cell Update: UL data transmission in CELL_PCH

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8_3_1_9	RRC / Cell Update: re-entering of service area after T305 expiry and being out of service area
8_3_1_10	RRC / Cell Update: expiry of T307 after T305 expiry and being out of service area
8_3_1_11	RRC / Cell Update: Success after T302 time-out
8_3_1_12	RRC / Cell Update: Failure (After Maximum Re-transmissions)
8_3_1_13	RRC / Cell Update: Reception of Invalid CELL UPDATE CONFIRM message
8_3_1_14	RRC / Cell Update: Incompatible simultaneous reconfiguration
8_3_1_15	RRC / Cell Update: Unrecoverable error in Acknowledged Mode RLC
8_3_1_17	RRC / Cell Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)
8_3_1_18	RRC / Cell Update: Radio Link Failure (T314>0, T315=0)
8_3_1_20	RRC / Cell Update: Reception of CELL UPDATE CONFIRM Message that causes invalid configuration
8_3_2_1	RRC / URA Update: Change of URA
8_3_2_2	RRC / URA Update: Periodical URA update and Reception of Invalid message
8_3_2_3	RRC / URA Update: re-entering of service area after T306 expiry
8_3_2_4	RRC / URA Update: loss of service after expiry of timers T307 after T306
8_3_2_5	RRC / URA Update: Success after Confirmation error of URA-ID list
8_3_2_6	RRC / URA Update: Failure (V303 is greater than N303: Confirmation error of URA-ID list)
8_3_2_7	RRC / URA Update: Success after T303 timeout
8_3_2_9	RRC / URA Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)
8_3_2_10	RRC / URA Update: Reception of URA UPDATE CONFIRM message that causes invalid configuration
8_3_3_1	RRC / UTRAN Mobility Information: Success
8_3_3_2	RRC / UTRAN Mobility Information: Failure (Invalid message reception)
8_3_4_1	RRC / Active set update in soft handover: Radio Link addition
8_3_4_2	RRC / Active set update in soft handover: Radio Link removal
8_3_4_3	RRC / Active set update in soft handover: Combined radio link addition and removal
8_3_4_4	RRC / Active set update in s oft handover: Invalid Configuration
8_3_4_5	RRC / Active set update in soft handover: Reception of an ACTIVE SET UPDATE message in wrong state
8_3_4_7	RRC / 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)
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

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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
8_4_1_16	Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_FACH state
8_4_1_17	Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_DCH state
8_4_1_18	Measurement Control and Report: Traffic volume measurement for transition from CELL_FACH state to CELL_DCH state
8_4_1_19	Measurement Control and Report: Traffic volume measurement for transition from CELL_DCH to CELL_FACH state
8_4_1_20	Measurement Control and Report: Traffic volume measurement for transition from CELL_DCH to CELL_FACH state
8_4_1_21	Measurement Control and Report: Traffic volume measurement in URA_PCH state
8_4_1_22	Measurement Control and Report: Quality measurements
8_4_1_23	Measurement Control and Report: Intra-frequency measurement for events 1C and 1D
8_4_1_24	Measurement Control and Report: Inter-frequency measurement for event 2A
8_4_1_25	Measurement Control and Report: Inter-frequency measurement for events 2B and 2E
8_4_1_26	Measurement Control and Report: Inter-frequency measurement for events 2D and 2F
8_4_1_28	Measurement Control and Report: UE internal measurement for events 6F and 6G
8_4_1_29	Measurement Control and Report: Event based Traffic Volume measurement in CELL_FACH state
8_4_1_30	Measurement Control and Report: Event based Traffic Volume measurement in CELL_DCH state
8_4_1_31	Measurement Control and Report: Inter-RAT measurement in CELL_DCH state
8_4_1_33	Measurement Control and Report: Inter-RAT measurement, event 3a
8_4_1_34	Measurement Control and Report: Inter-RAT measurement, event 3b
8_4_1_35	Measurement Control and Report: Inter-RAT measurement, event 3c
8_4_1_36	Measurement Control and Report: Inter-RAT measurement, event 3d
8_4_1_39	Measurement Control and Report: UE internal measurement, event 6e
8_4_1_40	Measurement Control and Report: Inter-RAT measurement event 3C in CELL_DCH state using sparse compressed mode pattern
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

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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.

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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 / 7-bit Length Indicators / LI = 0
7_2_2_5	UM RLC / Segmentation / 7-bit Length Indicators / Invalid LI value
7_2_2_6	UM RLC / Segmentation / 7-bit Length Indicators / LI value > PDU
7_2_2_7	UM RLC / Segmentation / 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 / 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 / Segmentation / 15-bit Length Indicators / Invalid LI value
7_2_2_12	UM RLC / Segmentation / 15-bit Length Indicators / LI value > PDU size
7_2_2_13	UM RLC / Segmentation / 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 / 7-bit Length Indicators / Padding
7_2_3_4	AM RLC / Segmentation / 7-bit Length Indicators / LI = 0
7_2_3_5	AM RLC / Segmentation / 7-bit Length Indicators / Reserved LI value
7_2_3_6	AM RLC / Segmentation / 7-bit Length Indicators / LI value > PDU
7_2_3_7	AM RLC / Segmentation / 15-bit Length Indicators / Padding or Piggy-backed Status
7_2_3_8	AM RLC / Segmentation / 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 / Segmentation / 15-bit Length Indicators / Reserved LI value
7_2_3_11	AM RLC / Segmentation / 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 PU in transmission queue
7_2_3_16	AM RLC / Polling for status / Last PU in retransmission queue
7_2_3_17	AM RLC / Polling for status / Poll every Poll_PU PUs
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.

Test Cases v1.4.0

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_3_1	Correct Selection of RACH parameters (FDD)
7_1_2_4a	Access Service class selection for RACH transmission

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_

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_

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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_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 RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_19	Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_20	Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_21	Streaming / unknown / UL:128 DL:0 kbps / CS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_22	Streaming / unknown / UL:0 DL:384 kbps / CS RAB + 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_23c	Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH_
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)

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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)
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_38_1	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_38_2	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_38_3	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_38_4	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_39_1	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_39_2	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_39_3	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_39_4	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3_4 DL: 3_4 kbps SRBs for DCCH / (CC, 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_41	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_42_1	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_42_2	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_43_2	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_44_1	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_44_2	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + 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_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
14_2_46	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_47	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_48	Conversational / speech / UL:12_2 DL:12_2 kbps / CS RAB + Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_49_2	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 / 40 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_2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_52_1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_52_2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 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_2_53_2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_54	Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_2_55	Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3_4 DL:3_4 kbps SRBs for DCCH
14_4_1	Stand-alone signalling RB for PCCH

Total of test cases: 672
Ready for verification (Green): 649