TETRA IOP CERTIFICATE

DEKRA
Digital & Product Solutions
Innovating Safety & Security

TETRA Interoperability Certificate

Trunked Mode Operation

Rohill, TetraNode – SwMI
Hytera, PT890EX – Terminal

Test Session #1008, hosted by Rohill in Hoogeveen, The Netherlands, Jan 26 - Feb 11 2026

Latest Certified SwMI SW Release:	TMC 2.46.0	**Latest Certified MS SW Release:**	V2.0
Latest Certified SwMI HW Release:	R-8070	**Latest Certified MS HW Release:**	80P9E

DEKRA certifies that the Rohill TetraNode SwMI and the Hytera PT890EX Terminal have been subject to interoperability testing for the "Certified" features listed on the second page of this certificate, in accordance with the TETRA Interoperability Profiles, TIP compliance Test Plan and the related TETRA interoperability requirement tables.

The table lists all the available TETRA interoperability profiles and summarises the main functionalities of every profile according to the TETRA interoperability requirement tables.

A feature is "Certified" when it has been successfully tested during the last test session with one of the testing methods described in the TETRA process document part 1 (TPD001-01).

A breakdown into the feature details is given in the Feature Compliance Overview section of this certificate.

This certificate has been issued following a fully witnessed single test session between Rohill & Hytera in Hoogeveen during the dates January 27–February 11, 2026.

Detailed test results are listed in the Test Report associated to this Certificate.
Details and explanation about the procedure used to provide verdicts are in the TIC process TPD001-01.

Authorized IOP Test Engineer:

Felipe San Martín Leiva

Date of Issue:
06 April 2026
version: v0

Certified Features

Tetra Association TTR001-01: Core	
Registration	Certified
Group Management	Certified
Group call	Certified
Individual call	Certified
Status messages	Certified
Pre-emptive Priority Call	Certified
Emergency Call	Certified
Cell Re-selection	-
PSTN interconnect	Certified
MS-ISDN Numbering	Certified
In Call Signalling	Certified
Subscriber Class Procedures	Certified
Common Secondary Control Channels	Certified
BS Fallback Operation	Certified
Energy Economy Mode	-
Transmit Inhibit	Certified
Mixed band operation	Certified
Tetra Association TTR001-02: SDS	
SDS Type 1, 2 or 3	Certified
SDS-TL	Certified
Store and Forward	-
Multipart SDS	Certified
Tetra Association TTR001-03: DGNA	
Support for individually addressed DGNA	Certified
Support for group addressed DGNA	-
Tolerance of unsupported DGNA functions	-
Tetra Association TTR001-04: AUTH	
SwMI Initiated (non-mutual) Authentication	Certified
SwMI Initiated Authentication made Mutual by MS	Certified
MS Initiated Authentication made Mutual by SwMI	-
TEI Query using "Authentication downlink"	Certified
HW, SW version, Model number and/or TEI	-
Authentication using key K	Certified
Authentication using key K2	-
Tetra Association TTR001-09: AL	
Ambience Listening	Certified
Interaction with Transmit Inhibit	Certified

Tetra Association TTR001-10: E2EE	
E2EE Voice Call	Certified
E2EE Short Data	Certified
Tetra Association TTR001-11: AIE	
Security Class 2 Air Interface Encryption	Partial
Security Class 3 Air Interface Encryption	Certified
Security Class 3G Air Interface Encryption	-
Management of CMG and GSKO(X)	-
Key Status demand	Certified
Change of Security Class for Fallback operation	-
Change of Security Class (other than for Fallback operation)	-
Key Management for Secure Direct Mode Operation	-
Air Interface Encryption using a KSG from TEA Set A	-
Air Interface Encryption using a KSG from TEA Set B	-
Tetra Association TTR001-12: SI	
MS initiated Service Interaction	Certified
SwMI initiated Service Interaction	Certified
Call Waiting	-
Tetra Association TTR001-13: ED	
Enable and temporary disable of an MS	Certified
Permanent disable of an MS	Certified
Enable and Disable of an MS using authentication with Key K	Certified
Enable and Disable of an MS using authentication with Key K2	-
Tetra Association TTR001-14: TKD	
Delivery of Authentication Data	Certified
Delivery of SCK(X)	-
Delivery method	Partial
TEA Set A: Delivery of K and SCK	Partial
TEA Set B: Delivery of K2 and SCKX	-
Tetra Association TTR001-17: RUA	
Radio User Assignment	Certified
Tetra Association TTR001-19: LIP	
Location Information Protocol	Certified

Feature Compliance Overview

The first pages of this certificate provide an indication about the main interoperable TETRA features for each TIP specification (as described in the TIC-RT). The main interoperable TETRA features' results depend on a set of sub-features, the verdicts associated to each sub-feature are directly derived from the analysis of the performed test cases.
The results associated to each feature and sub-feature are shown in the "Feature Compliance Report" table below. The main features are indicated with blue background and the associated sub-features (or second level features) have a white background.
The outcome assigned to a feature as shown on page 2, is derived by the Feature Compliance Report tables.

Outcome	Definition
Certified	All required tests have been performed and passed
Partial	Not all the required tests have been performed but none have failed
–	Feature cannot be certified e.g. it is not supported by at least one product, no tests were performed, or some tests were performed but at least one failed

The outcome is derived from the verdict assigned to a sub feature which is the result of an analysis of the test case results listed in the Test Report. The verdict assigned to each sub-feature is derived from one or several test case results or test steps result, the TETRA Interoperability requirement tables (TIC-RTs) indicate the link between sub-features and test cases for the certified set of equipment capabilities (see Test Report).

Verdict	Definition
Passed	All mandated tests or steps of tests linked to this functionality (as per TIC-RT indication) are compliant with the TIP specification relevant to this feature or sub-feature
Incomplete	Not all mandated tests (as per TIC-RT indication) have been executed
Failed	At least one of mandated test or steps of tests linked to this functionality failed to match the TIP specification relevant to this feature or sub-feature

The verdict associated to the feature or sub-feature gives also indication about the method used to test that feature or sub-feature. The allowed testing Methods are listed in the table below, a complete

description of the procedures and constraints associated to each of them can be found in the "TPD001-01 TETRA Interoperability Certification Process Description" document.

Testing Method	Description
Complete	All mandated tests associated to the feature or sub-feature have been executed
Spot	Only a selection of the mandatory test cases associated to the feature or sub-feature has been executed during the test session. These tests are a subset of the tests performed on an equivalent software which has been "completely" tested against the same functionality on a different equipment, see manufacturer declaration in the associated Test Report
Regression	Only a selection of the mandatory test cases associated to the feature or sub-feature has been executed during the test session. These tests are a subset of the tests performed on a previous version of the same software which has been "completely" tested in a previous test session against the same functionality, see manufacturer definition in the associated Test Report
Regression on spot	The regression method (see the previous item) has been applied at this session on the verdicts from the referenced (previous) session where the spot testing method (see above) had been applied.
Witnessed	The TIP heading lines in the Feature Compliance Report indicate whether each TIP is partially or fully witnessed by the Certification Body. Additionally, for a partially-witnessed TIP, the number of witnessed test cases that passed is shown for each the feature and sub-feature. There may have been some un-witnessed passed tests and they will have been found to be successful based on the log file evaluation

Depending on equipment capabilities declared by the manufacturer, some features or sub features cannot be tested. The following table describes meaning of the used abbreviation:

Indication	Definition
Not Supported	The SwMI and/or MS do not support the minimum features required to verify these items

DEKRA has made every effort to ensure that every result has been correctly evaluated in accordance with the relevant TIPs, Test Plans and TIC-RTs. DEKRA has no liability for the test results, or towards the manufacturers.
The tables on the following page list HW and SW releases of SwMI and Terminal under test and the used TIP specifications, Test Plans and TIC-RTs.

This Certificate and Certificates from previous test sessions are available on the TCCA web site https://tcca.info/interoperability/interoperability-certificates-and-test-reports/

The feature results are shown in the tables below:

Information on equipment under test

SwMI Manufacturer	Rohill
SwMI Model	TetraNode
SwMI HW Release	R-8070
SwMI SW Release	TMC 2.46.0:r572
MS Manufacturer	Hytera
MS Model	PT890Ex
MS HW Release	80P9E
MS SW Release	V2.0.20.031.0501

Document references

Core	TTR001-01 v7.0.0 IOP001-01 v4.0.0 TIC-RT001-01 v279
SDS	TTR001-02 v2.1.3 IOP001-02 v2.5.0 TIC-RT001-02 v226
DGNA	TTR001-03 v2.2.0 IOP001-03 v2.3.0 TIC-RT001-03 v235
AUTH	TTR001-04 v4.0.0 IOP001-04 v3.0.0 TIC-RT001-04 v302
AL	TTR001-09 v2.1.0 IOP001-09 v1.2.0 TIC-RT001-09 v133
E2EE	TTR001-10 v2.1.0 IOP001-10 v1.3.0 TIC-RT001-10-1 v133
AIE	TTR001-11 v4.1.0 IOP001-11 v4.1.0 TIC-RT001-11 v403
SI	TTR001-12 v1.1.0 IOP001-12 v1.1.0 TIC-RT001-12 v137
ED	TTR001-13 v3.0.0 IOP001-13 v2.0.0 TIC-RT001-13 v202
TKD	TTR001-14 v2.0.0 IOP001-14 v2.0.0 TIC-RT001-14 v202
RUA	TTR001-17 v1.1.0 IOP001-17 v1.0.0 TIC-RT001-17 v118
LIP	TTR001-19 v1.1.0 IOP001-19 v1.4.0 TIC-RT001-19 v118

Feature compliance report

Core - Fully Witnessed Testing	
Registration	PASSED Spot 1_pass_of_8
Initial registration	Spot 0_pass_of_3
SwMI initiated location updating	Spot 0_pass_of_2
LA timer based Periodic location updating	PASSED Spot 1_pass_of_2
De-registration	Spot 0_pass_of_1
Group Management	PASSED Spot 2_pass_of_15
Single group attachment	PASSED Spot 2_pass_of_8
Multiple group attachment	Spot 0_pass_of_7
MS initiated group detachment	Spot 0_pass_of_2
SwMI initiated group detachment	Not Supported
SwMI initiated group attachment	Not Supported
Group call	PASSED Spot 3_pass_of_11
Normal group call	PASSED Spot 2_pass_of_4
Late entry	Spot 0_pass_of_1
Priority Group scanning	PASSED Spot 1_pass_of_3
Call setup modifications	Spot 0_pass_of_1
Resource Queuing based on Call Priority	Spot 0_pass_of_2
Broadcast Call	Not Supported
Limited coverage notification	Not Supported
Individual call	Spot 0_pass_of_12
Simplex individual call	Spot 0_pass_of_4
Duplex individual call	Spot 0_pass_of_2
Call setup modifications	Spot 0_pass_of_2
Resource Queuing based on Call Priority	Spot 0_pass_of_4
Indication of imminent call disconnection	Not Supported
Status messages	Spot 0_pass_of_4
Individual addressed Status transfer	Spot 0_pass_of_1
Group addressed Status transfer	Spot 0_pass_of_3
Pre-emptive Priority Call	Spot 0_pass_of_7

Pre-emption of Resources	Spot_0_pass_of_2
Pre-emption of Busy Users	Spot_0_pass_of_5
Emergency Call	PASSED Spot 1_pass_of_6
Pre-emption of Resources	Spot_0_pass_of_3
Pre-emption of Busy Users	Spot_0_pass_of_1
Call setup modifications	PASSED Spot 1_pass_of_2
Call disconnection by non-call owner	Not Supported
Cell Re-selection	FAILED Spot 6_pass_of_22
Undeclared	Spot_0_pass_of_1
Unannounced	FAILED Spot 1_pass_of_3
Announced - with Call Restoration	PASSED Spot 3_pass_of_11
Announced - without Call Restoration	Not Supported
Expedited	Not Supported
Graceful Service Degradation Mode (GSDM)	PASSED Spot 2_pass_of_7
Single-site operation	Not Supported
PSTN interconnect	PASSED Spot 3_pass_of_6
TETRA Originated Call	PASSED Spot 1_pass_of_2
PSTN Originated Call	PASSED Complete 1_pass_of_1
DTMF over-dial	Spot_0_pass_of_1
Emergency Telephone Calls	PASSED Spot 1_pass_of_2
MS-ISDN Numbering	PASSED Spot 1_pass_of_4
MS ISDN - Voice Call	PASSED Spot 1_pass_of_2
MS-ISDN Status	Spot_0_pass_of_2
In Call Signalling	PASSED Spot 2_pass_of_8
Slow Signalling on Traffic Channel (SACCH)	Spot_0_pass_of_4
Fast Signalling on Traffic Channel (FACCH)	PASSED Spot 2_pass_of_4

Subscriber Class Procedures	PASSED Spot 4_pass_of_7
Cell Selection based on Subscriber Class	PASSED Spot 3_pass_of_4
Subscriber Class Delivery during Location Update	PASSED Spot 1_pass_of_2
Use of Subscriber Class Preference Levels	Spot 0_pass_of_1
Common Secondary Control Channels	PASSED Spot 1_pass_of_7
One C-SCCH per cell	Spot 0_pass_of_5
Two C-SCCH per cell	Spot 0_pass_of_2
Three C-SCCH per cell	PASSED Spot 1_pass_of_2
BS Fallback Operation	PASSED Spot 3_pass_of_9
Switch to/from BS Fallback Operation	Not Supported
Roaming to avoid a cell in BS Fallback Operation	PASSED Complete 1_pass_of_1
Roaming to and from a cell in BS Fallback operation offering some services	Not Supported
Services with BS Fallback Operation	PASSED Spot 2_pass_of_7
Ignore a cell in Fallback Operation	Spot 0_pass_of_1
User selectable Fallback behaviour	Not Supported
Energy Economy Mode	
Energy Economy Mode Operation	Not Supported
Transmit Inhibit	PASSED Spot 5_pass_of_9
TXI Activation & De-Activation	PASSED Spot 2_pass_of_4
TXI Activation & De-Activation with TxI Status available to the Dispatcher	PASSED Spot 2_pass_of_4
Receipt of group addressed service during TXI	PASSED Complete 1_pass_of_1
Mixed band operation	PASSED Spot 2_pass_of_4
Mixed band operation, inter-cell	PASSED Spot 2_pass_of_4
Mixed band operation, intra-cell	PASSED Spot 2_pass_of_3

Mixed band operation, Full	PASSED Spot 2_pass_of_3
SDS - Fully Witnessed Testing	
SDS Type 1, 2 or 3	Spot 0_pass_of_3
SDS Type 1	Spot 0_pass_of_1
SDS Type 2	Spot 0_pass_of_1
SDS Type 3	Spot 0_pass_of_1
SDS-TL	PASSED Spot 5_pass_of_17
Individually Addressed	PASSED Spot 1_pass_of_3
Group Addressed	PASSED Spot 2_pass_of_4
Using MS-ISDN dialling	Spot 0_pass_of_4
SDS Reception	PASSED Spot 2_pass_of_8
Using UCS2 coding scheme	PASSED Complete 2_pass_of_2
Using 7-bit coding scheme	Not Supported
Using 8-bit Latin 1 coding scheme	Spot 0_pass_of_2
Using 8-bit Latin/Cyrillic coding scheme	Spot 0_pass_of_2
Using 8-bit Latin 9 coding scheme	Not Supported
Store and Forward	
Individually Addressed	Not Supported
Group Addressed	Not Supported
Multipart SDS	PASSED Complete 2_pass_of_2
Multipart SDS	PASSED Complete 2_pass_of_2
DGNA - Fully Witnessed Testing	
Support for individually addressed DGNA	PASSED Spot 5_pass_of_16
Support for individually addressed DGNA assignment without attachment	PASSED Spot 2_pass_of_4
Support for individually addressed DGNA assignment with attachment as selected group	Spot 0_pass_of_2
Support for individually addressed DGNA assignment with attachment as scanned group	PASSED Spot 1_pass_of_4

Support for individually addressed DGNA assignment with rejected attachment	Spot 0_pass_of_1
Support for individually addressed assigment for pre-programmed group	Spot 0_pass_of_6
Support for assigning multiple DGNA groups	Not Supported
Support for assigning multiple pre-programmed groups	Not Supported
Support for removing multiple DGNA groups	PASSED Complete 1_pass_of_1
Support for retaining DGNA groups over a power cycle	PASSED Spot 2_pass_of_3
Support for group addressed DGNA	
Support for group addressed DGNA assignment	Not Supported
Management of 'group assignment lifetime'	Not Supported
Support for group addressed DGNA deassignment	Not Supported
Tolerance of unsupported DGNA functions	
MS tolerance of unsupported individual addressed DGNA signalling	Not Supported
MS tolerance of unsupported group addressed DGNA signalling	Not Supported
Auth - Fully Witnessed Testing	
SwMI Initiated (non-mutual) Authentication	Spot 0_pass_of_3
Attach with authentication	Spot 0_pass_of_1
Roaming with authentication	Spot 0_pass_of_1
SwMI rejects MS during authentication	Spot 0_pass_of_1
MS rejects SwMI during authentication	Not Supported
SwMI Initiated Authentication made Mutual by MS	Spot 0_pass_of_2
Attach with authentication	Spot 0_pass_of_1
Roaming with authentication	Spot 0_pass_of_1
MS Initiated Authentication made Mutual by SwMI	
Roaming with authentication	Not Supported
TEI Query using ''Authentication downlink''	PASSED Complete 1_pass_of_1
TEI Query using ''Authentication downlink'' Operation	PASSED Complete 1_pass_of_1
HW, SW version, Model number and/or TEI	
Transfer of HW, SW version, Model number and/or TEI	Not Supported
Authentication using key K	PASSED Spot 1_pass_of_6
Non mutual authentication	Spot 0_pass_of_3
Mutual authentication	Spot 0_pass_of_2

TEI Query using "Authentication downlink"	PASSED Complete 1_pass_of_1
Provision of HW, SW version, Model number and/or TEI	Not Supported
Authentication using key K2	
Non mutual authentication	Not Supported
Mutual authentication	Not Supported
TEI Query using "Authentication downlink"	Not Supported
Provision of HW, SW version, Model number and/or TEI	Not Supported
AL - Fully Witnessed Testing	
Ambience Listening	PASSED Spot 1_pass_of_2
SS-AL Call Setup	Spot 0_pass_of_1
MS initiated SS-AL disconnection	PASSED Complete 1_pass_of_1
No Indication to affected user	PASSED Spot 1_pass_of_2
Interaction with Transmit Inhibit	Spot 0_pass_of_1
AL can override TxI	Not Supported
AL cannot override TxI	Spot 0_pass_of_1
E2EE - Fully Witnessed Testing	
E2EE Voice Call	PASSED Spot 2_pass_of_6
Individual (P2P) call	PASSED Spot 2_pass_of_4
Group (P2MP) call	Spot 0_pass_of_2
Clear Voice Override (CVO): Acceptance	Not Supported
Clear Voice Override (CVO): User Initiated	Not Supported
Clear Voice Override (CVO): Automatic	Not Supported
OTAK key delivery	Not Supported
E2EE Short Data	PASSED Spot 2_pass_of_13
Short Data	PASSED Spot 2_pass_of_9
Multipart Short Data	Spot 0_pass_of_4
Short Data Reception	PASSED Spot 1_pass_of_6
Multipart Short Data Reception	Spot 0_pass_of_2
AIE - Partially Witnessed Testing	

Security Class 2 Air Interface Encryption	Spot Incomplete (witnessed 3 passes) 3_pass_of_12
Location Updating and AI Signalling Protection	PASSED Spot (witnessed 1 passes) 1_pass_of_3
TM-SCK(X) provisioning during location updating	Not Supported
Communications between parties using encryption	PASSED Spot (witnessed 1 passes) 1_pass_of_2
Communications between clear and encrypted parties	Spot (witnessed 0 passes) 0_pass_of_3
Communications between encrypted parties on a channel designated to operate in clear	Spot (witnessed 0 passes) 0_pass_of_2
OTAR of TM-SCK(X)	Not Supported
Change of TM-SCK(X)	Incomplete (witnessed 1 passes) 1_pass_of_2
Packet Data with Class 2 Air Interface Encryption	Not Supported
Tolerance of SwMI not supporting SCK(X)-OTAR	Not Supported
Security Class 3 Air Interface Encryption	PASSED Spot (witnessed 2 passes) 2_pass_of_16
Clear Location Updating and AI Signalling Protection	Spot (witnessed 0 passes) 0_pass_of_3
Encrypted Location Updating (Initial, Undeclared, Unannounced) and AI Signalling Protection	Spot (witnessed 0 passes) 0_pass_of_3
Encrypted Location Updating (Announced) and AI Signalling Protection	Not Supported
DCK Forwarding at MS request	Not Supported
DCK Forwarding by SwMI (without MS request)	Not Supported
DCK Retrieval	Spot (witnessed 0 passes) 0_pass_of_3
CCK(X) provisioning during location updating	Spot (witnessed 0 passes) 0_pass_of_3
Communications between parties using encryption	Spot (witnessed 0 passes) 0_pass_of_2
Communications between clear and encrypted parties	Spot (witnessed 0 passes) 0_pass_of_3

Communications between encrypted parties on a channel designated to operate in clear	PASSED Spot (witnessed 1 passes) 1_pass_of_2
OTAR of CCK(X)	PASSED Spot (witnessed 1 passes) 1_pass_of_2
Change of CCK(X)	PASSED Spot (witnessed 1 passes) 1_pass_of_3
Packet Data with Class 3 Air Interface Encryption	Not Supported
Security Class 3G Air Interface Encryption	FAILED Spot (witnessed 3 passes) 3_pass_of_9
GCK(X) Key Association setting	PASSED Spot (witnessed 1 passes) 1_pass_of_3
Communications between parties using encryption	PASSED Complete (witnessed 2 passes) 2_pass_of_2
Communications between clear and encrypted parties	Spot (witnessed 0 passes) 0_pass_of_1
OTAR of GCK(X)	Spot (witnessed 0 passes) 0_pass_of_2
Change of GCK(X)	FAILED Spot (witnessed 0 passes) 0_pass_of_3
Management of CMG and GSKO(X)	
OTAR and change of CMG and GSKO(X)	Not Supported
Key Status demand	Spot (witnessed 0 passes) 0_pass_of_1
SCK/SCKX Key Status demand	Not Supported
GCK/GCKX Key Status demand	Spot (witnessed 0 passes) 0_pass_of_1
GSKO/GSKOX Key Status demand	Not Supported
Change of Security Class for Fallback operation	
Seamless change to Security Class 2 for BS Fallback operation	Not Supported
Non-seamless change to Security Class 2 for BS Fallback operation	Not Supported

Provisioning of TM-SCK(X) for fallback to Security Class 2 operation	Not Supported
Change to Security Class 1 for BS Fallback operation	Not Supported
Change of Security Class (other than for Fallback operation)	Incomplete (witnessed 0 passes) 0_pass_of_2
Change between Security Class 3 and Security Class 3G	Incomplete (witnessed 0 passes) 0_pass_of_2
Change between Security Class 2 and Security Class 3	Not Supported
Change from Security Class 3G to Security Class 2	Not Supported
Key Management for Secure Direct Mode Operation	
OTAR of DM-SCK(X)	Not Supported
Change of DM-SCK(X)	Not Supported
Air Interface Encryption using a KSG from TEA Set A	FAILED Spot Incomplete (witnessed 8 passes) 8_pass_of_39
Security Class 2: Location Updating	PASSED Spot (witnessed 1 passes) 1_pass_of_3
Security Class 2: Communications	PASSED Spot (witnessed 1 passes) 1_pass_of_7
Security Class 2: OTAR and change of TM-SCK	Incomplete (witnessed 1 passes) 1_pass_of_2
Security Class 3: Location Updating (Initial, Undeclared, Unannounced) and AI Signalling Protection	Spot (witnessed 0 passes) 0_pass_of_6
Security Class 3: Location Updating (Announced) and AI Signalling Protection	Not Supported
Security Class 3: Communications	PASSED Spot (witnessed 1 passes) 1_pass_of_7
Security Class 3: OTAR and change of CCK	PASSED Spot (witnessed 1 passes) 1_pass_of_3
Security Class 3G Air Interface Encryption	FAILED Spot (witnessed 3 passes) 3_pass_of_10
BS Fallback and change from / to Security Class 3	Not Supported

BS Fallback and change from / to Security Class 3G	Not Supported
Security Class changes (other than for Fallback operation)	Incomplete (witnessed 0 passes) 0_pass_of_2
Management of CMG and GSKO	Not Supported
Key Management for Secure Direct Mode Operation	Not Supported
Air Interface Encryption using a KSG from TEA Set B	
Security Class 2: Location Updating	Not Supported
Security Class 2: Communications	Not Supported
Security Class 2: OTAR and change of TM-SCKX	Not Supported
Security Class 3: Location Updating (Initial, Undeclared, Unannounced) and AI Signalling Protection	Not Supported
Security Class 3: Location Updating (Announced) and AI Signalling Protection	Not Supported
Security Class 3: Communications	Not Supported
Security Class 3: OTAR and change of CCKX	Not Supported
Security Class 3G Air Interface Encryption	Not Supported
BS Fallback and change from / to Security Class 3	Not Supported
BS Fallback and change from / to Security Class 3G	Not Supported
Security Class changes (other than for Fallback operation)	Not Supported
Management of CMG and GSKOX	Not Supported
Key Management for Secure Direct Mode Operation	Not Supported
Identity Encryption ESI (Encrypted Short Identity)	Not Supported
Identity Encryption MAE (MAC Address Encryption)	Not Supported
SI - Fully Witnessed Testing	
MS initiated Service Interaction	PASSED Spot 2_pass_of_4
MS initiated Circuit Mode Call during another Circuit Mode Call	PASSED Spot 2_pass_of_4
MS initiated Circuit Mode Call during Packet Mode Transfer	Not Supported
MS initiated Packet Mode Transfer during Circuit Mode Call	Not Supported
SwMI initiated Service Interaction	PASSED Spot 2_pass_of_8
SwMI initiated Circuit Mode Call during another Circuit Mode Call	PASSED Spot 2_pass_of_8
SwMI initiated Circuit Mode Call during Packet Mode Transfer	Not Supported

SwMI initiated Packet Mode Transfer during Circuit Mode Call	Not Supported
Call Waiting	
Call Waiting in Individual Call	Not Supported
Call Waiting in Group Call	Not Supported
ED - Fully Witnessed Testing	
Enable and temporary disable of an MS	PASSED Spot 5_pass_of_11
Enable and temporary disable of an MS without authentication	Spot 0_pass_of_2
Enable and temporary disable of an MS Subscriber with authentication	PASSED Complete 2_pass_of_2
Enable and temporary disable of an MS Equipment with authentication	Not Supported
Enable and temporary disable of an MS Equipment and Subscriber with authentication	Not Supported
Registration of a temporary disabled MS	Spot 0_pass_of_2
Rejection of applicable invalid enable/disable requests	Spot 0_pass_of_1
Removable SIMs do not affect the Subscriber or Equipment that has been enabled/disabled	Not Supported
Disabling of an MS during a call or while on the PDCH	PASSED Spot 3_pass_of_4
Permanent disable of an MS	PASSED Spot 1_pass_of_2
Permanent disable of an MS Subscriber with authentication	PASSED Complete 1_pass_of_1
Permanent disable of an MS Equipment with authentication	Not Supported
Permanent disable of an MS Equipment and Subscriber with authentication	Not Supported
Permanently Disabled MS cannot send air interface signalling	Spot 0_pass_of_1
Enable and Disable of an MS using authentication with Key K	PASSED Complete 3_pass_of_3
Enable and temporary disable of an MS	PASSED Complete 2_pass_of_2
Permanent disable of an MS	PASSED Complete 1_pass_of_1
Enable and Disable of an MS using authentication with Key K2	Complete
Enable and temporary disable of an MS	Complete

Permanent disable of an MS	Complete
TKD - Fully Witnessed Testing	
Delivery of Authentication Data	PASSED Spot 1_pass_of_2
Authentication Key delivery	Spot 0_pass_of_1
ITSI delivery	PASSED Complete 1_pass_of_1
Delivery of SCK(X)	Incomplete 0_pass_of_4
SCK-Generation to SCK-Delivery	Incomplete 0_pass_of_2
SCK-Delivery to SwMI	Incomplete 0_pass_of_1
SCK-Delivery to SCK-Loading	Incomplete 0_pass_of_1
Delivery method	Spot Incomplete 1_pass_of_5
Plain text on physical media	Spot Incomplete 1_pass_of_5
Encrypted text on physical media	Not Supported
Electronic transfer	Not Supported
TEA Set A: Delivery of K and SCK	Spot Incomplete 0_pass_of_4
Delivery of Authentication Key K	Spot 0_pass_of_1
Delivery of SCK	Incomplete 0_pass_of_3
TEA Set B: Delivery of K2 and SCKX	Incomplete 0_pass_of_1
Delivery of Authentication Key K2	Not Supported
Delivery of SCKX	Incomplete 0_pass_of_1
RUA - Fully Witnessed Testing	
Radio User Assignment	PASSED Spot 2_pass_of_8
Radio User Assignment at Location Updating	PASSED Spot 1_pass_of_5
Dispatcher initiated Radio User Assignment	Not Supported
Radio User Dis-assignment	PASSED Spot 1_pass_of_3

LIP - Fully Witnessed Testing	
Location Information Protocol	PASSED Spot 3_pass_of_8
LIP over SDS	PASSED Spot 2_pass_of_4
LIP over Packet Data	Not Supported
Time based reporting	PASSED Complete 1_pass_of_1
Distance based reporting - NOT TESTABLE	Not Supported
Reporting using Short reports	PASSED Complete 1_pass_of_1
Reporting using Long reports	PASSED Spot 1_pass_of_2
Reporting Enable & Disable	Not Supported
User control of Reporting	Not Supported
Temporary reporting control	Not Supported
Trigger modification	Not Supported
Control of Basic Location Parameters	Not Supported
Immediate Location Reporting	Spot 0_pass_of_1
Reporting Lifetimes	Not Supported
Error Reporting using Long Reports	PASSED Complete 1_pass_of_1
Error Reporting using Short Reports	Spot 0_pass_of_1
Positioning on Individual Call Setup	Not Supported

Document History

Date	Version	Comment
06-April-2026	0	First version