TETRA ASSOCIATION

ISCTI

DMO TETRA Interoperability Certificate

Cleartone, CM5000, Repeater

Brussels, April 2010

Latest Certified Repeater SW Release:	GR 1.8
Latest Certified Repeater HW Release:	1.0

ISCTI (Istituto Superiore delle Comunicazioni e delle Tecnologie dell'Informazione) certifies that the Cleartone CM5000 DM Repeater has been subject to interoperability testing for the features listed in the "Certified features" tables of this certificate with the following DM Terminals Sepura STP8000, EADS THR9, Motorola MTP850 S, Motorola MTP850, Motorola TCR1000, Sepura SRG3900, Sepura SRG3900, Teltronic MTD400, Teltronic HTT500, in accordance with the TETRA Interoperability Profiles, TIP compliance Test Plan and related TETRA interoperability requirement tables.

The certificate features of each DM Terminal acting as master during testing is highlighted in light blue.

The table lists all the available TETRA interoperability profiles, and summarizes 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 method described in the TETRA process document part 1 (TPD001).

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

Detailed test results and explanation about the procedure used to provide verdicts are listed in the Test Report associated to this Certificate.

NOTE: the CM5000 Repeater was tested as repeater 1A and 1B for the DAIE-Rep1 feature, but only tested in Type-1A for the DRep1 feature because of lack of time.

IOP test engineer
Ivano Luciani

IOP test engineer
Franco Pangallo

Radio Office Manager
Giuseppe Pierri

ISCTI - V.le America 201, 00144 Rome, Italy
Ph.: +39 06 5444 2663, Fax: +39 06 5410904
e-mail:tetra_ctc.iscom@sviluppoeconomico.gov.it,
Web: www.sviluppoeconomico.gov.it

Date of issue:
21 September 2011

Certified features

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	Certified	-	-	-	-	-	-	-	-
DM-MS authorization	Certified	-	-	-	-	-	-	-	-
Group Call	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Individual Call	Certified	Certified	Partial	Partial	-	Certified	Partial	Certified	Certified
Call Maintenance	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Status messages	Certified	Certified	-	-	-	Certified	Certified	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A	Partial	Partial	Partial	Partial	Partial	Partial	Partial		
DMO AIE Encryption - via Repeater Type 1B	Partial	-	Partial	Partial	Partial	Partial	Partial		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	-	Certified	-	-	-	-	-	-	-
DM-MS authorization	-	-	-	-	-	-	-	-	-
Group Call	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Individual Call	Certified	Certified	Partial	Partial	-	-	Partial	Certified	Certified
Call Maintenance	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Status messages	Certified	Certified	Certified	Certified	Certified	-	Certified	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A	Partial	Partial	Partial	Partial	Partial	Partial	Partial		
DMO AIE Encryption - via Repeater Type 1B	-	-	-	-	-	-	-		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	-	-	-	-	-	-	-	-	-
DM-MS authorization	-	-	Partial	-	-	-	-	-	-
Group Call	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Individual Call	-	Partial	Certified	Certified	-	-	-	Partial	Partial
Call Maintenance	Partial	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Status messages	-	Certified	-	-	-	-	-	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A	Partial	Partial	Partial	Partial	Partial	Partial	Partial		
DMO AIE Encryption - via Repeater Type 1B	Partial	-	Partial	Partial	Partial	Partial	Partial		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	-	-	-	-	-	-	-	-	-
DM-MS authorization	-	-	-	Partial	-	-	-	-	-
Group Call	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Individual Call	Partial	Partial	Certified	Certified	-	Partial	-	Partial	Partial
Call Maintenance	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Status messages	-	Certified	-	-	-	-	-	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A	Partial	Partial	Partial	Partial	Partial	Partial	Partial		
DMO AIE Encryption - via Repeater Type 1B	Partial	-	Partial	Partial	Partial	Partial	Partial		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	-	-	-	-	-	-	-	-	-
DM-MS authorization	-	-	-	-	Partial	-	-	-	-
Group Call	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Individual Call	-	-	-	-	-	-	-	-	-
Call Maintenance	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Status messages	-	-	-	-	-	-	-	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A	Partial	Partial	Partial	Partial	Partial	Partial	Partial		
DMO AIE Encryption - via Repeater Type 1B	Partial	-	Partial	Partial	Partial	Partial	Partial		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	-	-	-	-	-	Certified	-	-	-
DM-MS authorization	-	-	-	-	-	-	-	-	-
Group Call	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Individual Call	Certified	Certified	Partial	Partial	-	-	Partial	Certified	Certified
Call Maintenance	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Status messages	Certified	Certified	-	-	-	Certified	Certified	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A	Partial	Partial	Partial	Partial	Partial	Partial	Partial		
DMO AIE Encryption - via Repeater Type 1B	Partial	-	Partial	Partial	Partial	-	Partial		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	-	-	-	-	-	-	Partial	-	-
DM-MS authorization	-	-	-	-	-	-	Certified	-	-
Group Call	Partial	Partial	Partial	Partial	Partial	Partial	-	Partial	Partial
Individual Call	-	-	-	-	-	-	-	-	-
Call Maintenance	Partial	Partial	Partial	Partial	Partial	Partial	Partial	Partial	Partial
Status messages	Certified	Certified	-	-	-	Certified	Certified	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A	Partial	Partial	Partial	Partial	Partial	Partial	Partial		
DMO AIE Encryption - via Repeater Type 1B	Partial	-	Partial	Partial	Partial	Partial	Partial		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	-	-	-	-	-	-	-	Certified	-
DM-MS authorization	-	-	-	-	-	-	-	Certified	-
Group Call	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Individual Call	Certified	Certified	Partial	Partial	-	Certified	Partial	Certified	Certified
Call Maintenance	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Status messages	-	-	-	-	-	-	-	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A									
DMO AIE Encryption - via Repeater Type 1B									

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Features									
TTR002-03 DMO Repeater									
Presence Signal	-	-	-	-	-	-	-	-	Certified
DM-MS authorization	-	-	-	-	-	-	-	-	Certified
Group Call	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Individual Call	Certified	Certified	Partial	Partial	-	Certified	Partial	Certified	Certified
Call Maintenance	Certified	Certified	Certified	Certified	Certified	Certified	Partial	Certified	Certified
Status messages	-	-	-	-	-	-	-	-	-
TTR002-05 DMO AIE - Rep									
DMO AIE Encryption - via Repeater Type 1A									
DMO AIE Encryption - via Repeater Type 1B									

Feature Compliance Overview

The "Certified features" tables 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-feature, 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 certified DM Terminal acting as master during testing is highlighted in light blue. The main features are indicated with grey background and the associated sub-features (or second level features) have white background.

The verdict assigned to a sub-feature as showed in the "Certified features" tables, is derived by the Feature compliance report tables.

Verdict	Definition
Certified	All required tests have been performed and passed.
Partial	Not all the required test cases 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 verdict assigned to a sub-feature is the result of the 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.
Time_limited	Not all Mandated tests (as per TIC-RT indication) have been executed (ran out of time)
Failed	At least one of the required test cases has failed.
No_Equipment	At least one of the required test cases has not been executed due to unavailability of a needed equipment.

The verdict associated to the feature gives also indication about the method used to test that 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 TETRA Interoperability Certification Process Description" document.

Testing Method	Description
Complete	All mandated tests associated to the feature have been executed.
Spot	Only a selection of the mandatory test cases associated to the 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 annex B.
Regression	Only a selection of the mandatory the test cases associated to the feature is 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 complete tested in a previous test session against the same functionality, see manufacturer declaration in annex B.
Regression on spot	The regression method has been applied on the verdicts based on the spot testing method.

X_pass_of_Y	Y test cases were required and X were passed.

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

Indication	Definition
Not supported	The Repeater and/or MS do not support the minimum features required to verify these items
/	The Result is not relevant (or needed) to verify the Repeater and/or MS features

ISCTI has made every effort to ensure that every result have been correctly evaluated in accordance with the relevant TIPs, Test Plans and TIC-RTs. ISCTI has no liability for the test results, or towards the manufacturers.

The table on the following page lists HW and SW releases of the Repeater and the DM Terminals under test in the test session and the used TIP specifications, Test Plans, and TIC-RTs.

This Certificate and Certificates from previous test sessions are available on the TETRA Association web site

(http://www.tetra-association.com/tetramou.aspx?&id=2636).

The feature results are shown in the tables below.

Information on equipment under test and document references

Test Session Place/Date	Brussels, April 2010
Repeater Type	Cleartone CM5000
Repeater HW release	1.0
Repeater SW release	GR 1.8
DM Terminal 1 Type	Sepura STP8000
DM Terminal 1 HW release	PSNTW201T300P0001
DM Terminal 1 SW release	1667 005 02937
DM Terminal 2 Type	EADS THR9
DM Terminal 2 HW release	RC-20
DM Terminal 2 SW release	6.53-d
DM Terminal 3 Type	Motorola MTP850 S
DM Terminal 3 HW release	PT912BS
DM Terminal 3 SW release	MR5.11
DM Terminal 4 Type	Motorola MTP850
DM Terminal 4 HW release	PT911B
DM Terminal 4 SW release	MR5.11.1
DM Terminal 5 Type	Motorola TCR1000
DM Terminal 5 HW release	PT919S
DM Terminal 5 SW release	MR9.6.3
DM Terminal 6 Type	Sepura SRG3900
DM Terminal 6 HW release	MSUTW201T2C0G00
DM Terminal 6 SW release	1667 008 03577
DM Terminal 7 Type	Teltronic MTD400
DM Terminal 7 HW release	CCP09
DM Terminal 7 SW release	V20
DM Terminal 8 Type	Teltronic HTT500
DM Terminal 8 HW release	CCP03
DM Terminal 8 SW release	V07

TIP Specs and TIP Compliance Test Plans	
Repeater	TTR002-03 v100 IOP002-03 v110 TIC-RT002-03 v105
DAIE -Rep	TTR002-05 v100 IOP002-05 v100 TIC-RT002-05_DMO-Rep-AIE v103

Feature compliance report

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal	**PASSED Complete 3_pass_of_3**								
Presence Signal on free channel	PASSED Complete 1_pass_of_1		**Not_Supported**	**Not_Supported**	**Not_Supported**				
Presence Signal on occupied channel	PASSED Complete 2_pass_of_2		**Not_Supported**	**Not_Supported**	**Not_Supported**				
DM-MS authorization	**PASSED Complete 9_pass_of_9**								

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Usage Restriction Type	PASSED Complete 7_pass_of_7								
Validity Time	PASSED Complete 2_pass_of_2	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**		**Not_Supported**	**Not_Supported**
Group call	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**Time_Limited 2_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 2_pass_of_2**
Intra-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Inter-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**
Individual Call	**PASSED Complete 4_pass_of_4**	**PASSED Complete 5_pass_of_5**	**Time_Limited 1_pass_of_2**	**Time_Limited 1_pass_of_2**		**PASSED Complete 5_pass_of_5**	**Time_Limited 2_pass_of_6**	**PASSED Complete 5_pass_of_5**	**PASSED Complete 5_pass_of_5**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Individual Call with Presence Check	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	**Not_Supported**	PASSED Complete 4_pass_of_4	**Time_Limited 2_pass_of_5**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4
Individual Call without Presence Check	**Not_Supported**	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1	**Not_Supported**	PASSED Complete 1_pass_of_1	**Time_Limited 0_pass_of_1**	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1
Call Maintenance	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**Time_Limited 15_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**
Changeover	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Pre-emption	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	Time_Limited 4_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Procedures in Occupation	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Status Messages	**PASSED Complete 8_pass_of_8**	**PASSED Complete 4_pass_of_4**	**FAILED Time_Limited 5_pass_of_8**	**FAILED Time_Limited 5_pass_of_8**		**PASSED Complete 8_pass_of_8**	**PASSED Complete 8_pass_of_8**		
Intra-MNI Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Inter-MNI Status Calls	PASSED Complete 4_pass_of_4	**Not_Supported**	**FAILED Time_Limited 1_pass_of_4**	**FAILED Time_Limited 1_pass_of_4**	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Individual Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 2_pass_of_2	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Group Status call	PASSED Complete 4_pass_of_4	PASSED Complete 2_pass_of_2	**FAILED Complete 3_pass_of_4**	**FAILED Complete 3_pass_of_4**	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-05 DAIE-Repeater									
DMO AIE Encryption - via Repeater Type 1A	**Time_Limited 8_pass_of_10**	**Time_Limited 8_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 4_pass_of_6**	**Time_Limited 8_pass_of_10**	**Time_Limited 8_pass_of_10**		
Encrypted Group Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4		
Encrypted Individual Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Encrypted Status messages	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
DMO AIE Encryption - via Repeater Type 1B	**Time_Limited 4_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**	**Time_Limited 3_pass_of_12**	**Time_Limited 3_pass_of_12**	**Time_Limited 3_pass_of_8**	**Time_Limited 2_pass_of_12**	**Time_Limited 4_pass_of_12**		
Encrypted Group Calls	Time_Limited 2_pass_of_4	**FAILED Time_Limited 0_pass_of_4**	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4		
Encrypted Individual Calls	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Encrypted Status messages	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 0_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal		**PASSED Complete 3_pass_of_3**							
Presence Signal on free channel		PASSED Complete 1_pass_of_1	**Not_ Supported**	**Not_ Supported**		**Not Supported**			
Presence Signal on occupied channel		PASSED Complete 2_pass_of_2	**Not_ Supported**	**Not_ Supported**		**Not Supported**			
DM-MS authorization		**FAILED Complete 6_pass_of_7**							

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Usage Restriction Type		**FAILED Complete 6_pass_of_7**							
Validity Time	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group call	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**Time_Limited 2_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 2_pass_of_2**
Intra-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Inter-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**
Individual Call	**PASSED Complete 5_pass_of_5**	**PASSED Complete 4_pass_of_4**	**Time_Limited 1_pass_of_2**	**Time_Limited 1_pass_of_2**		**Time_Limited 0_pass_of_1**	**Time_Limited 2_pass_of_6**	**PASSED Complete 5_pass_of_5**	**PASSED Complete 5_pass_of_5**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Individual Call with Presence Check	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	**Not_Supported**	Time_Limited 0_pass_of_1	**Time_Limited 2_pass_of_5**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4
Individual Call without Presence Check	PASSED Complete 1_pass_of_1	**Not_Supported**	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1	**Not_Supported**	**Not_Supported**	Time_Limited 0_pass_of_1	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1
Call Maintenance	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**Time_Limited 15_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**
Changeover	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Pre-emption	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	Time_Limited 4_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Procedures in Occupation	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Status Messages	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**		**PASSED Complete 4_pass_of_4**		
Intra-MNI Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	PASSED Complete 4_pass_of_4	**Not_ Supported**	**Not_Supported**
Inter-MNI Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Individual Status Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	**Not_Supported**	**Not_Supported**
Group Status call	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	**Not_Supported**	**Not_Supported**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-05 DAIE-Repeater									
DMO AIE Encryption - via Repeater Type 1A	**Time_Limited 9_pass_of_10**	**Time_Limited 9_pass_of_10**	**Time_Limited 7_pass_of_10**	**Time_Limited 7_pass_of_10**	**Time_Limited 5_pass_of_6**	**Time_Limited 9_pass_of_10**	**Time_Limited 9_pass_of_10**		
Encrypted Group Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4		
Encrypted Individual Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Not_Supported	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Encrypted Status messages	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Not_Supported	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
DMO AIE Encryption - via Repeater Type 1B	**FAILED Time_Limited 0_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**	**FAILED Time_Limited 0_pass_of_8**	**FAILED Time_Limited 0_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**		
Encrypted Group Calls	**FAILED Time_Limited 0_pass_of_4**	**FAILED Time_Limited 0_pass_of_4**	**FAILED Time_Limited 0_pass_of_4**	FAILED Time_Limited 0_pass_of_4	FAILED Time_Limited 0_pass_of_4	FAILED Time_Limited 0_pass_of_4	FAILED Time_Limited 0_pass_of_4		
Encrypted Individual Calls	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Not_Supported	FAILED Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Encrypted Status messages	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Not_Supported	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Pre-emption of encrypted activity	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	FAILED Time_Limited 0_pass_of_2	FAILED Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal									
Presence Signal on free channel	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Presence Signal on occupied channel	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
DM-MS authorization			**Time_Limited 6_pass_of_7**						
Usage Restriction Type			Time_Limited 6_pass_of_7						
Validity Time	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group call	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**Time_Limited 2_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 2_pass_of_2**
PIntra-MNI Group Calls	PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	Time_Limited	PASSED	PASSED

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	Complete 2_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2	1_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2
Inter-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**
Individual Call	**Time_Limited 1_pass_of_2**	**Time_Limited 1_pass_of_2**	**PASSED Complete 2_pass_of_2**	**PASSED Complete 2_pass_of_2**		**Time_Limited 2_pass_of_3**	**Time_Limited 0_pass_of_3**	**Time_Limited 2_pass_of_3**	**Time_Limited 2_pass_of_3**
Individual Call with Presence Check	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	**Not_Supported**	**Not_Supported**	**Not_Supported**	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1
Individual Call without Presence Check	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	Time_Limited 0_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Call Maintenance	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**Time_Limited 16_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Changeover	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Pre-emption	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	Time_Limited 5_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Procedures in Occupation	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Status Messages	**FAILED** **Time_Limited** **5_pass_of_8**	**PASSED** **Complete** **4_pass_of_4**	**FAILED** **Time_Limited** **4_pass_of_8**	**FAILED** **Time_Limited** **4_pass_of_8**		**FAILED** **Time_Limited** **4_pass_of_8**	**FAILED** **Time_Limited** **5_pass_of_8**		
Intra-MNI Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Inter-MNI Status Calls	FAILED Time_Limited 1_pass_of_4	Not_Supported	FAILED Time_Limited 0_pass_of_4	FAILED Time_Limited 0_pass_of_4	Not_Supported	FAILED Time_Limited 0_pass_of_4	FAILED Time_Limited 1_pass_of_4	Not_Supported	**Not_Supported**
Individual Status Calls	Time_Limited 2_pass_of_4	PASSED Complete 2_pass_of_2	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Not_Supported	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Not_Supported	**Not_Supported**
Group Status call	FAILED Complete 3_pass_of_4	PASSED Complete 2_pass_of_2	FAILED Complete 2_pass_of_4	FAILED Complete 2_pass_of_4	Not_Supported	FAILED Complete 2_pass_of_4	FAILED Complete 3_pass_of_4	Not_Supported	**Not_Supported**
TTR002-05 DAIE-Repeater									
DMO AIE Encryption - via Repeater Type 1A	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 4_pass_of_6**	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**		
Encrypted Group Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4		
Encrypted Individual Calls	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Encrypted Status messages	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
DMO AIE Encryption - via Repeater Type 1B	**Time_Limited 3_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**	**Time_Limited 2_pass_of_12**	**Time_Limited 3_pass_of_12**	**Time_Limited 3_pass_of_8**	**Time_Limited 2_pass_of_12**	**Time_Limited 3_pass_of_12**		
Encrypted Group Calls	Time_Limited 2_pass_of_4	**FAILED Time_Limited 0_pass_of_4**	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4		
Encrypted Individual Calls	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Encrypted Status messages	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Pre-emption of encrypted activity	Time_Limited 1_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 1_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal									
Presence Signal on free channel	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Presence Signal on occupied channel	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
DM-MS authorization				Time_Limited **6_pass_of_7**					
Usage Restriction Type				Time_Limited 6_pass_of_7					
Validity Time	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group call	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**Time_Limited 2_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 2_pass_of_2**
PIntra-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Inter-MNI Group Calls	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete	Time_Limited 1_pass_of_2	PASSED Complete	**Not_Supported**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	2_pass_of_2	2_pass_of_2	2_pass_of_2	2_pass_of_2	2_pass_of_2	2_pass_of_2		2_pass_of_2	
Individual Call	**Time_Limited 1_pass_of_2**	**Time_Limited 1_pass_of_2**	**PASSED Complete 2_pass_of_2**	**PASSED Complete 2_pass_of_2**		**Time_Limited 2_pass_of_3**	**Time_Limited 0_pass_of_3**	**Time_Limited 2_pass_of_3**	**Time_Limited 2_pass_of_3**
Individual Call with Presence Check	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	**Not_Supported**	**Not_Supported**	**Not_Supported**	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1
Individual Call without Presence Check	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	Time_Limited **0_pass_of_2**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Call Maintenance	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**Time_Limited 16_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**
Changeover	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Pre-emption	PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	Time_Limited	PASSED	PASSED

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	Complete 6_pass_of_6	Complete 6_pass_of_6	Complete 6_pass_of_6	Complete 6_pass_of_6	Complete 6_pass_of_6	Complete 6_pass_of_6	5_pass_of_6	Complete 6_pass_of_6	Complete 6_pass_of_6
Procedures in Occupation	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Status Messages	**FAILED Time_Limited 5_pass_of_8**	**PASSED Complete 4_pass_of_4**	**FAILED Time_Limited 4_pass_of_8**	**FAILED Time_Limited 4_pass_of_8**		**FAILED Time_Limited 4_pass_of_8**	**FAILED Time_Limited 5_pass_of_8**		
Intra-MNI Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Inter-MNI Status Calls	**FAILED Time_Limited 1_pass_of_4**	**Not_Supported**	**FAILED Time_Limited 0_pass_of_4**	**FAILED Time_Limited 0_pass_of_4**	**Not_Supported**	**FAILED Time_Limited 0_pass_of_4**	**FAILED Time_Limited 1_pass_of_4**	**Not_Supported**	**Not_Supported**
Individual Status Calls	Time_Limited	PASSED	Time_Limited	Time_Limited	**Not_Supported**	Time_Limited	Time_Limited	**Not_Supported**	**Not_Supported**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	2_pass_of_4	Complete 2_pass_of_2	2_pass_of_4	2_pass_of_4		2_pass_of_4	2_pass_of_4		
Group Status call	**FAILED Complete 3_pass_of_4**	PASSED Complete 2_pass_of_2	**FAILED Complete 2_pass_of_4**	**FAILED Complete 2_pass_of_4**	**Not_Supported**	**FAILED Complete 2_pass_of_4**	**FAILED Complete 3_pass_of_4**	**Not_Supported**	**Not_Supported**
TTR002-05 DAIE-Repeater									
DMO AIE Encryption - via Repeater Type 1A	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 4_pass_of_6**	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**		
Encrypted Group Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4		
Encrypted Individual Calls	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Encrypted Status messages	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
DMO AIE Encryption - via Repeater Type 1B	**Time_Limited 3_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**	**Time_Limited 3_pass_of_12**	**Time_Limited 4_pass_of_12**	**Time_Limited 4_pass_of_8**	**Time_Limited 3_pass_of_12**	**Time_Limited 3_pass_of_12**		
Encrypted Group Calls	Time_Limited 2_pass_of_4	**FAILED Time_Limited 0_pass_of_4**	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4		
Encrypted Individual Calls	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Encrypted Status messages	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Pre-emption of encrypted activity	Time_Limited 1_pass_of_2	**FAILED Time_Limited 0_pass_of_2**	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal									
Presence Signal on free channel	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Presence Signal on occupied channel	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
DM-MS authorization					**Time_Limited 6_pass_of_7**				
Usage Restriction Type					Time_Limited 6_pass_of_7				
Validity Time	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group call	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**Time_Limited 2_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 2_pass_of_2**
PIntra-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Inter-MNI Group Calls	PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	Time_Limited	PASSED	**Not_Supported**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	Complete 2_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2	Complete 2_pass_of_2	1_pass_of_2	Complete 2_pass_of_2	
Individual Call									
Individual Call with Presence Check	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Individual Call without Presence Check	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Call Maintenance	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**Time_Limited 16_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**
Changeover	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Pre-emption	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	Time_Limited 5_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Procedures in Occupation	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Status Messages									
Intra-MNI Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Inter-MNI Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Individual Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group Status call	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
TTR002-05 DAIE-Repeater									
DMO AIE Encryption - via Repeater Type 1A	**Time_Limited 4_pass_of_6**	**Time_Limited 4_pass_of_6**	**Time_Limited 4_pass_of_6**	**Time_Limited 4_pass_of_6**	**Time_Limited 4_pass_of_6**	**Time_Limited 4_pass_of_6**	**Time_Limited 4_pass_of_6**		
Encrypted Group Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Encrypted Individual Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**		
Encrypted Status messages	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**		
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
DMO AIE Encryption - via Repeater Type 1B	**Time_Limited 3_pass_of_8**	**FAILED Time_Limited 0_pass_of_8**	**Time_Limited 3_pass_of_8**	**Time_Limited 4_pass_of_8**	**Time_Limited 4_pass_of_8**	**Time_Limited 3_pass_of_8**	**Time_Limited 3_pass_of_8**		
Encrypted Group Calls	Time_Limited 2_pass_of_4	**FAILED Time_Limited 0_pass_of_4**	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4		
Encrypted Individual Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**		
Encrypted Status messages	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Pre-emption of encrypted activity	Time_Limited 1_pass_of_2	**FAILED Time_Limited 0_pass_of_2**	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal						**PASSED Complete 3_pass_of_3**			
Presence Signal on free channel			**Not_Supported**	**Not_Supported**	**Not_Supported**	PASSED Complete 1_pass_of_1			
Presence Signal on occupied channel			**Not_Supported**	**Not_Supported**	**Not_Supported**	PASSED Complete 2_pass_of_2			
DM-MS authorization	**FAILED Time_Limited 3_pass_of_13**	**FAILED Time_Limited 3_pass_of_13**	**FAILED Time_Limited 2_pass_of_13**	**FAILED Time_Limited 2_pass_of_13**	**FAILED Time_Limited 2_pass_of_13**	**FAILED Time_Limited No_Equipment 6_pass_of_7**	**FAILED Time_Limited 3_pass_of_13**	**FAILED Time_Limited 3_pass_of_13**	**FAILED Time_Limited 3_pass_of_13**
Usage Restriction Type	**FAILED Time_Limited 3_pass_of_13**	**FAILED Time_Limited 3_pass_of_13**	**FAILED Time_Limited 2_pass_of_13**	**FAILED Time_Limited 2_pass_of_13**	**FAILED Time_Limited 2_pass_of_13**	**FAILED Time_Limited No_Equipment 6_pass_of_7**	**FAILED Time_Limited 3_pass_of_13**	**FAILED Time_Limited 3_pass_of_13**	**FAILED Time_Limited 3_pass_of_13**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Validity Time	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group call	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**Time_Limited 2_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 2_pass_of_2**
PIntra-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Inter-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**
Individual Call	**PASSED Complete 5_pass_of_5**	**PASSED Complete 5_pass_of_5**	**Time_Limited 2_pass_of_3**	**Time_Limited 2_pass_of_3**	**Time_Limited 0_pass_of_1**		**Time Limited 2_pass_of_7**	**PASSED Complete 6_pass_of_6**	**PASSED Complete 6_pass_of_6**
Individual Call with Presence Check	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	**Not_Supported**	**Time:Limited 2_pass_of_5**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4
Individual Call without Presence	PASSED	PASSED	PASSED	PASSED	**Not_Supported**	**Not_Supported**	**Time:Limited**	PASSED	PASSED

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Check	Complete 1_pass_of_1	Complete 1_pass_of_1	Complete 2_pass_of_2	Complete 2_pass_of_2			**0_pass_of_2**	Complete 2_pass_of_2	Complete 2_pass_of_2
Call Maintenance	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED No_Equipment 12_pass_of_18**	**Time_Limited 16_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**
Changeover	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	No_Equipment 0_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Pre-emption	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED No_Equipment 2_pass_of_6	Time_Limited 5_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Procedures in Occupation	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Status Messages	**PASSED**	**PASSED**	**FAILED**	**FAILED**		**PASSED**	**PASSED**		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	Complete **8_pass_of_8**	**Complete** **4_pass_of_4**	**Time_Limited** **4_pass_of_8**	**Time_Limited** **4_pass_of_8**		**No_Equipment** **4_pass_of_8**	**Complete** **8_pass_of_8**		
Intra-MNI Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Inter-MNI Status Calls	PASSED Complete 4_pass_of_4	**Not_Supported**	**FAILED** **Time_Limited** **0_pass_of_4**	**FAILED** **Time_Limited** **0_pass_of_4**	**Not_Supported**	No_Equipment 0_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Individual Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 2_pass_of_2	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	**Not_Supported**	PASSED No_Equipment 2_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Group Status call	PASSED Complete 4_pass_of_4	PASSED Complete 2_pass_of_2	**FAILED** **Complete** **2_pass_of_4**	**FAILED** **Complete** **2_pass_of_4**	**Not_Supported**	PASSED No_Equipment 2_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
TTR002-05 DAIE-Repeater									
DMO AIE Encryption - via Repeater Type 1A	**Time_Limited** **9_pass_of_10**	**Time_Limited** **9_pass_of_10**	**Time_Limited** **7_pass_of_10**	**Time_Limited** **7_pass_of_10**	**Time_Limited** **5_pass_of_6**	**Time_Limited** **No_Equipment** **1_pass_of_10**	**Time_Limited** **9_pass_of_10**		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Encrypted Group Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	No_Equipment 0_pass_of_4	PASSED Complete 4_pass_of_4		
Encrypted Individual Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	No_Equipment 0_pass_of_2	PASSED Complete 2_pass_of_2		
Encrypted Status messages	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	No_Equipment 0_pass_of_2	PASSED Complete 2_pass_of_2		
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	No_Equipment 0_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2		
DMO AIE Encryption - via Repeater Type 1B	**Time_Limited 2_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**	**Time_Limited 2_pass_of_12**	**Time_Limited 3_pass_of_12**	**Time_Limited 3_pass_of_8**	**Time_Limited No_Equipment 0_pass_of_12**	**Time_Limited 2_pass_of_12**		
Encrypted Group Calls	Time_Limited	FAILED	Time_Limited	Time_Limited	Time_Limited	Time_Limited	Time_Limited		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	2_pass_of_4	Time_Limited 0_pass_of_4	2_pass_of_4	2_pass_of_4	2_pass_of_4	No_Equipment 0_pass_of_4	2_pass_of_4		
Encrypted Individual Calls	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Encrypted Status messages	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Pre-emption of encrypted activity	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal							**Time_Limited 2_pass_of_3**		
Presence Signal on free channel			**Not_Supported**	**Not_Supported**	**Not_Supported**		Time_Limited 0_pass_of_1		
Presence Signal on occupied channel			**Not_Supported**	**Not_Supported**	**Not_Supported**		Time_Limited 2_pass_of_2		
DM-MS authorization							**PASSED Complete 9_pass_of_9**		
Usage Restriction Type							PASSED Complete 7_pass_of_7		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Validity Time		**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	PASSED Complete 2_pass_of_2	**Not_Supported**	**Not_Supported**
Group call	**Time_Limited 2_pass_of_4**	**Time_Limited 2_pass_of_4**	**Time_Limited 2_pass_of_4**	**Time_Limited 2_pass_of_4**	**Time_Limited 2_pass_of_4**	**Time_Limited 2_pass_of_4**	**Time_Limited 0_pass_of_4**	**Time_Limited 2_pass_of_4**	**Time_Limited 1_pass_of_2**
PIntra-MNI Group Calls	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2
Inter-MNI Group Calls	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 1_pass_of_2	**Not_Supported**
Individual Call	**Time_Limited 0_pass_of_4**	**Time_Limited 0_pass_of_5**	**Time_Limited 0_pass_of_2**	**Time_Limited 0_pass_of_2**	**Time_Limited 0_pass_of_1**	**Time_Limited 0_pass_of_5**		**Time_Limited 0_pass_of_5**	**Time_Limited 0_pass_of_5**
Individual Call with Presence Check	Time_Limited 0_pass_of_4	Time_Limited 0_pass_of_4	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_4	**Not_Supported**	Time_Limited 0_pass_of_4	Time_Limited 0_pass_of_4
Individual Call without Presence Check	**Not_Supported**	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	**Not_Supported**	Time_Limited 0_pass_of_1	**Not_Supported**	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1
Call Maintenance	**Time_Limited**	**Time_Limited**	**Time_Limited**	**Time_Limited**	**Time_Limited**	**Time_Limited**	**Time_Limited**	**Time_Limited**	**Time_Limited**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	14_pass_of_18	**14_pass_of_18**	**15_pass_of_18**	**15_pass_of_18**	**15_pass_of_18**	**15_pass_of_18**	**13_pass_of_18**	**14_pass_of_18**	**14_pass_of_18**
Changeover	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2
Pre-emption	Time_Limited 4_pass_of_6	Time_Limited 4_pass_of_6	Time_Limited 5_pass_of_6	Time_Limited 5_pass_of_6	Time_Limited 5_pass_of_6	Time_Limited 5_pass_of_6	Time_Limited 4_pass_of_6	Time_Limited 4_pass_of_6	Time_Limited 4_pass_of_6
Procedures in Occupation	Time_Limited 4_pass_of_5	Time_Limited 4_pass_of_5	Time_Limited 4_pass_of_5	Time_Limited 4_pass_of_5	Time_Limited 4_pass_of_5	Time_Limited 4_pass_of_5	Time_Limited 4_pass_of_5	Time_Limited 4_pass_of_5	Time_Limited 4_pass_of_5
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Status Messages	**PASSED Complete 8_pass_of_8**	**PASSED Complete 4_pass_of_4**	**FAILED Time_Limited 5_pass_of_8**	**FAILED Time_Limited 5_pass_of_8**		**PASSED Complete 8_pass_of_8**	**PASSED Complete 8_pass_of_8**		
Intra-MNI Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Inter-MNI Status Calls	PASSED Complete	**Not_Supported**	**FAILED Time_Limited**	**FAILED Time_Limited**	**Not_Supported**	PASSED Complete	PASSED Complete	**Not_Supported**	**Not_Supported**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	4_pass_of_4		**1_pass_of_4**	**1_pass_of_4**		4_pass_of_4	4_pass_of_4		
Individual Status Calls	PASSED Complete 4_pass_of_4	PASSED Complete 2_pass_of_2	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
Group Status call	PASSED Complete 4_pass_of_4	PASSED Complete 2_pass_of_2	**FAILED Complete 3_pass_of_4**	**FAILED Complete 3_pass_of_4**	**Not_Supported**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	**Not_Supported**	**Not_Supported**
TTR002-05 DAIE-Repeater									
DMO AIE Encryption - via Repeater Type 1A	**Time_Limited 8_pass_of_10**	**Time_Limited 8_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 6_pass_of_10**	**Time_Limited 4_pass_of_6**	**Time_Limited 8_pass_of_10**	**Time_Limited 8_pass_of_10**		
Encrypted Group Calls	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4		
Encrypted Individual Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Encrypted Status messages	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
DMO AIE Encryption - via Repeater Type 1B	**Time_Limited 4_pass_of_12**	**FAILED Time_Limited 0_pass_of_12**	**Time_Limited 3_pass_of_12**	**Time_Limited 3_pass_of_12**	**Time_Limited 3_pass_of_8**	**Time_Limited 2_pass_of_12**	**Time_Limited 4_pass_of_12**		
Encrypted Group Calls	Time_Limited 2_pass_of_4	**FAILED Time_Limited 0_pass_of_4**	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4	Time_Limited 2_pass_of_4		
Encrypted Individual Calls	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		
Encrypted Status messages	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	**Not_Supported**	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Pre-emption of encrypted activity	PASSED Complete 2_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 1_pass_of_2	Time_Limited 0_pass_of_2	PASSED Complete 2_pass_of_2		
Handling mismatched keys	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2	Time_Limited 0_pass_of_2		

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal								**PASSED Complete 3_pass_of_3**	
Presence Signal on free channel			**Not_Supported**	**Not_Supported**	**Not_Supported**			PASSED Complete 1_pass_of_1	
Presence Signal on occupied channel			**Not_Supported**	**Not_Supported**	**Not_Supported**			PASSED Complete 2_pass_of_2	
DM-MS authorization								**PASSED Complete 7_pass_of_7**	

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Usage Restriction Type								PASSED Complete 7_pass_of_7	
Validity Time	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group call	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**PASSED Complete 4_pass_of_4**	**Time_Limited 2_pass_of_6**	**PASSED Complete 6_pass_of_6**	**PASSED Complete 2_pass_of_2**
PIntra-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Inter-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited **1_pass_of_4**	PASSED Complete 4_pass_of_4	**Not_Supported**
Individual Call	**PASSED Complete 5_pass_of_5**	**PASSED Complete 5_pass_of_5**	**Time_Limited 2_pass_of_3**	**Time_Limited 2_pass_of_3**	**Time_Limited 0_pass_of_1**	**PASSED Complete 6_pass_of_6**	**Time_Limited 2_pass_of_7**	**PASSED Complete 6_pass_of_6**	**PASSED Complete 6_pass_of_6**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Individual Call with Presence Check	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	PASSED Complete 4_pass_of_4	Time_Limited **2_pass_of_5**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4
Individual Call without Presence Check	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	Time_Limited **0_pass_of_2**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Call Maintenance	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**Time_Limited 15_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**
Changeover	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Pre-emption	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	Time_Limited 4_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Procedures in Occupation	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete	PASSED Complete

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
	5_pass_of_5	5_pass_of_5	5_pass_of_5	5_pass_of_5	5_pass_of_5	5_pass_of_5	5_pass_of_5	5_pass_of_5	5_pass_of_5
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Status Messages									
Intra-MNI Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Inter-MNI Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Individual Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group Status call	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
DMO AIE Encryption - via Repeater Type 1A									
Encrypted Group Calls									
Encrypted Individual Calls									
Encrypted Status messages									
Pre-emption of encrypted activity									
Handling mismatched keys									

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
DMO AIE Encryption - via Repeater Type 1B									
Encrypted Group Calls									
Encrypted Individual Calls									
Encrypted Status messages									
Pre-emption of encrypted activity									
Handling mismatched keys									

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
TTR002-03 Repeater									
Presence Signal									**PASSED Complete 3_pass_of_3**
Presence Signal on free channel			**Not_Supported**	**Not_Supported**	**Not_Supported**				PASSED Complete 1_pass_of_1
Presence Signal on occupied channel			**Not_Supported**	**Not_Supported**	**Not_Supported**				PASSED Complete 2_pass_of_2
DM-MS authorization									**PASSED Complete 7_pass_of_7**

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Usage Restriction Type									PASSED Complete 7_pass_of_7
Validity Time	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group call	**PASSED Complete 2_pass_of_2**	**PASSED Complete 2_pass_of_2**	**PASSED Complete 2_pass_of_2**	**PASSED Complete 2_pass_of_2**	**PASSED Complete 2_pass_of_2**	**PASSED Complete 2_pass_of_2**	**Time_Limited 1_pass_of_2**	**PASSED Complete 2_pass_of_2**	**PASSED Complete 2_pass_of_2**
PIntra-MNI Group Calls	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Inter-MNI Group Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Individual Call	**PASSED Complete 5_pass_of_5**	**PASSED Complete 5_pass_of_5**	**Time_Limited 2_pass_of_3**	**Time_Limited 2_pass_of_3**	**Time_Limited 0_pass_of_1**	**PASSED Complete 6_pass_of_6**	Time_Limited **2_pass_of_7**	**PASSED Complete 6_pass_of_6**	**PASSED Complete 6_pass_of_6**
Individual Call with Presence Check	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	Time_Limited 0_pass_of_1	PASSED Complete 4_pass_of_4	Time_Limited **2_pass_of_5**	PASSED Complete 4_pass_of_4	PASSED Complete 4_pass_of_4

DMO Test Session Brussels, April 2010 Cleartone CM5000	**Sepura STP8000**	**EADS THR9**	**Motorola MTP850 S**	**Motorola MTP850**	**Motorola TCR1000**	Cleartone CM5000	Sepura SRG3900	**Teltronic MTD400**	**Teltronic HTT500**
Individual Call without Presence Check	PASSED Complete 1_pass_of_1	PASSED Complete 1_pass_of_1	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	**Not_Supported**	PASSED Complete 2_pass_of_2	Time_Limited **0_pass_of_2**	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Call Maintenance	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**	**Time_Limited 15_pass_of_18**	**PASSED Complete 18_pass_of_18**	**PASSED Complete 18_pass_of_18**
Changeover	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2	Time_Limited 1_pass_of_2	PASSED Complete 2_pass_of_2	PASSED Complete 2_pass_of_2
Pre-emption	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	Time_Limited 4_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6
Procedures in Occupation	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5	PASSED Complete 5_pass_of_5
Procedures in Reservation	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6	PASSED Complete 6_pass_of_6

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Status Messages									
Intra-MNI Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Inter-MNI Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Individual Status Calls	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
Group Status call	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**	**Not_Supported**
TTR002-05 DAIE- Repeater									
DMO AIE Encryption - via Repeater Type 1A									
Encrypted Group Calls									
Encrypted Individual Calls									
Encrypted Status messages									
Pre-emption of encrypted activity									
Handling mismatched keys									
DMO AIE Encryption - via Repeater Type 1B									
Encrypted Group Calls									
Encrypted Individual Calls									
Encrypted Status messages									

DMO Test Session Brussels, April 2010 Cleartone CM5000	Sepura STP8000	EADS THR9	Motorola MTP850 S	Motorola MTP850	Motorola TCR1000	Cleartone CM5000	Sepura SRG3900	Teltronic MTD400	Teltronic HTT500
Pre-emption of encrypted activity									
Handling mismatched keys									

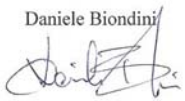
Note: The DM-MSA under test is highlighted in light blue background.

List of Revisions of the Certificate

Date	Ver.	Modification
22.10.2010	1	First published version
26.11.2010	2	Updating: the note relating type 1A and type 1B has been changed (p. 1).
21.09.2011	3	Updating: editorial changes regarding some “Certified feature” table results in order to align them with those of “Feature compliance report” table (pp. 3, 4, 5, 7, 8)

IOP Test Engineer

Daniele Biondini



Radio Office Manager

Giuseppe Pierri

