



DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

DMR Tier II Interoperability Test Report

DMR ASSOCIATION

Document Name: Sepura plc - Selex ES Test Summary April 2014

Dates of Report : 8th April 2014

DMR Association Test Laboratory Code: DMRA100401

DMRAssociation_TIER_II_Interoperability_Test_Laboratory Location: Via Palmanova, 185 - 20132 Milan - Italy

Date(s) of Test : 8th April 2014

Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	Selex ES SpA – Base Station
Model	ECOS-D RGW4000.
Firmware	ECOS-D RBS 4000 1.2.0.0
Operating Freq. Range	400 – 470 MHz
Serial Number(s)	292202

Manufacturer B DMR Equipment System Tested	
Manufacturer	Sapura plc – Mobile Stations
Model	SBP8040
Firmware	R3.18.062.U2HP
Operating Freq. Range	400 – 470 MHz MHz.
Serial Number(s)	7PR331410GA1693, 7PR331410GA1969, 7PR321409GA1413, 7PR321410GA2847

Testers Initials: RC Om Approver Initials: RC
AS



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Test Sessions Verdicts

[1] Interoperability Testing For DMR Tier 2 Systems - Mandatory V. 1.0.3

Test Session	Feature	Feature's Status	Verdict	Comments
[1] – 2.3 Group Call	Group Call in repeater mode	M	P	Tested the following functionalities : Repeater mode : Channel Access, BS Activation, Voice Repeating, Call Hangtime, Late Entry.
[1] – 2.4 Individual Call – PATCS	Individual PATCS call in repeater mode	M	P	Tested the following functionalities : Repeater mode : Channel Access, BS Activation, Voice Repeating, Call Hangtime, Late Entry
[1] – 2.5 Individual Call – OACSU	Individual OACSU call in repeater mode	M	P	Tested the following functionalities : Repeater mode : Channel Access, BS Activation, Voice Repeating, Call Hangtime
[1] – 2.6 All Call	All Call in repeater mode	M	P	Tested the following functionality : Repeater mode : Channel Access, BS Activation, Voice Repeating, Late Entry.

Date of report issue: 9th April 2014.

Testers Initials: AK Om Approver Initials: REY
MS



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[1] Interoperability Testing For DMR Tier 2 Systems - Optional V. 1.0.3

Test Session	Feature	Feature's Status	Verdict	Comments
[1] – 2.3 Radio Check	Radio Check in repeater mode	O	Passed	Tested the following functionalities : Channel Access, BS Activation, Radio Check initiation and response,
[1] – 2.4 Call Alert	Call Alert in repeater mode	O	Passed	Tested the following functionalities : Channel Access, BS Activation, Call Alert initiation and response,
[1] – 2.5 Radio Disable/Enable	Radio Disable/Enable in repeater mode	O	Passed	Tested the following functionalities : Channel Access, BS Activation, Radio Disabling, Re enabling the disabled radio
[1] – 2.6 Remote Monitor	Remote Monitor in repeater mode	O	Passed	Tested the following functionalities : Channel Access, BS Activation, Initiating Remote Monitor, Voice repeating from a radio being monitored,
[1] – 2.7 Emergency Alarm	Emergency Alarm in repeater mode	O	Passed	Tested the following functionalities : Channel Access, BS Activation, Emergency Alarm initiation and response
[1] – 2.8 Emergency Call	Emergency Call in repeater mode	O	Passed	Tested the following functionalities : Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry

Date of report issue: 9th April 2014.

Testers Initials: RL DL Approver Initials: RL

