



# DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

## DMR Tier II Interoperability Test Report

DMR ASSOCIATION

Document Name: ASEL SAN-Selex ES Test Summary July 2013

Dates of Report : 18<sup>th</sup> July 2013

DMR Association Test Laboratory Code: DMRA100401

DMR Association\_TIER\_II\_Interoperability\_Test\_Laboratory Location: Via Palmanova, 185 - 20132 Milan - Italy

Date(s) of Test : 18<sup>th</sup> July 2013

### Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	Selex ES – Base Station
Model	ECOS-D RGW4000
Firmware	ECOS-D RGW4000 1.0.3.0
Operating Freq. Range	400 – 470 MHz
Serial Number(s)	288541

Manufacturer B DMR Equipment System Tested	
Manufacturer	ASEL SAN
Model	DMR 4715
Firmware	DMR 2.11.2786 , DRV 1.01.1839
Operating Freq. Range	380 – 470 MHz
Serial Number(s)	145901, 145900, 155135, 155136

Testers Initials: fel Approver Initials: RG

[Signature]



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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.

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Testers Initials: fl  
ms  
Approver Initials: RL



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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: 18<sup>th</sup> July 2013

Testers Initials: fel  
MS Approver Initials: DL