



DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

DMR Tier III Interoperability Test Report

DMR ASSOCIATION

Document Name: RadioActivitySrl-BS_MotorolaSolutions-MS_Tier III_IOP_16-20_June2016_TestSummary
Dates of Report: 20th June 2016
DMR Association Test Laboratory Code: DMRA102
DMRAssociation_TIER_III_Interoperability_Test_Laboratory Location: Via G. De Notaris, 50 - 20128 Milano.
Date(s) of Test: 20th June 2016

Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	Radio Activity S.r.l.
Model	KA-450, KAIIROS Family
Firmware	BS: 1.6.2.0, DSP:4.35
Operating Freq. Range	400 -470 MHz
Serial Number(s)	450KA3699, 450KA3700, 450KA3701, 450KA3702.

Manufacturer B DMR Equipment System Tested	
Manufacturer	Motorola Solutions
Model	DP4801, XPR7550
Firmware	R02.60.05
Operating Freq. Range	403 – 527 MHz
Serial Number(s)	871TRD7055, 871TRDL370, 871TOZ3791, 871TRD7065, 871TRDG520, 871TOZ7447, 871TRR5347, 871TRPZ222

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Testers Initials: ML Approver Initials: ML



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Test Sessions Verdicts

[1] Interoperability Testing for DMR Tier III Systems V3.1

Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.3.1	Registration	M	Passed	Test case 2.3.1.4.3 "Registration MS Denied" was performed.
[1] - 2.3.2	Talkgroup voice call single site message trunking	M	Passed	-
[1] - 2.3.3	Talkgroup voice call single site transmission trunking	M	Passed	-
[1] - 2.3.4	Individual voice call single site single frequency pair using OACSU	M	Passed	-
[1] - 2.3.5	Individual voice call single site using OACSU	M	Passed	-
[1] - 2.3.6	Individual voice call single site using FOACSU	M	Passed	-
[1] - 2.3.7	Hunting	M	Passed	-
[1] - 2.3.8	Short data messaging single site	M	Passed	-

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Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.4.1	Talkgroup voice call multisite message trunking	O	Passed	2.4.1.4.3 Performed in All Start Mode.
[1] - 2.4.2	Talkgroup voice call multisite transmission trunking	O	Passed	-
[1] - 2.4.3	Individual voice call multisite using OACSU	O	Passed	-
[1] - 2.4.4	Individual voice call multisite using FOACSU	O	Passed	-
[1] - 2.4.5	Short data messaging multisite	O	Passed	-

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