



DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

DMR Tier III Interoperability Test Report

DMR ASSOCIATION

Document Name: *RADIODATA-Hytera Tier III Interoperability Test Summary March 2014*
Dates of Report : March 11-13th, 2014
DMR Association Test Laboratory Code: DMRA:IOP:02.05.012
DMR Association TIER_III Interoperability_Test_Laboratory Location: Ringbahnstr. 32-34, 12099 Berlin, Germany
Date(s) of Test : March 11-13th 2014

Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	RADIODATA GmbH
Model	BS2400-160
Firmware	14.10
Operating Freq. Range	146-174 MHz
Serial Number(s)	01133131, 01133132, 01133133, 01133134

Manufacturer B DMR Equipment System Tested	
Manufacturer	Hytera Communication Co. Ltd.
Model	PD785G, X1p05, MD785, PD795Ex
Firmware	A6.01.03.000
Operating Freq. Range	136-174 MHz
Serial Number(s)	A11E2Z0232, A11E2Z0067, A2CC2S0018, A30F2S0065, A11E2Z0045, A31A3Q0170 A22B2Z0253, A0CA3Z0336

Testers Initials: ML SA/4 Approver Initials: CL



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DMR Tier II Interoperability Test Report

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Test Sessions Verdicts

[1] Interoperability Testing for DMR Tier III Systems V1.0

Test Session	Feature	Feature's Status	Verdict	Comments
[1] – 2.3.1 Registration	Registration	M	Pass	Tested the following functionalities: Registration accepted, registration refused, De-registration
[1] – 2.3.2 Talkgroup voice call services single site	Talkgroup voice call services on single site	M	Pass	Tested the following functionalities: Call granted message trunked, call request queued, broadcast
[1] – 2.3.3 Talkgroup voice call services multi site (optional)	Talkgroup voice call services multi site (optional)	O	Pass	Tested the following functionalities: Call granted message trunked, call request queued, broadcast
[1] – 2.3.4 Individual voice call services single site, single frequency pair using OACSU	Individual voice call services on single frequency pair using OACSU	M	Pass	Tested the following functionalities: Call granted
[1] – 2.3.5 Individual voice call services single site, using OCASU	Individual voice call services on single site using OACSU	M	Pass	Tested the following functionalities: Call granted, Call denied, Call request queued
[1] – 2.3.6 Individual voice call services multi site, using OACSU (optional)	Individual voice call services on multi site using OACSU	O	Pass	Tested the following functionalities: Call granted, Call request queued
[1] – 2.3.7 Individual voice call services single site, using FOACSU	Individual voice call services on single site using FOACSU	M	Pass	Tested the following functionalities: Call accepted, Call declined

Testers Initials: ML 3/23/17 Approver Initials: UL



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[1] - 2.3.8 Individual voice call services single site, using FOACSU (optional)	Individual voice call services on multi site using FOACSU	O	Pass	Tested the following functionalities: Call accepted, Call declined
[1] - 2.3.9 Hunting	Radio is capable to re-acquire service	M	Pass	Tested the following functionalities: Site change
[1] - 2.3.10 Short data message single site	Short data message single site	M	Pass	Tested the following functionalities: Short data messaging
[1] - 2.3.11 Short data message multi site (optional)	Short data message multi site	O	Pass	Tested the following functionalities: Short data messaging

Testers Initials: ML JAB Approver Initials: AK