



DMRA INTEROPERABILITY TEST PROGRAM

DMR TIER II INTEROPERABILITY TEST REPORT

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Document Name: Radio Activity-Hytera Test Summary Mandatory April 2011.doc
 Dates of Report: 21st January 2011
 DMR Association Test Laboratory Code: DMRA:IOP:10.06.06
 DMRAssociation_TIER_II_Interoperability_Test_Laboratory Location: Via Ponte Nuovo, 8 - 20128 Milan - Italy
 Date(s) of Test: 20-21 January 2011

Equipment Details:

Manufacturer A Equipment System Tested	
Manufacturer	Radio Activity
Model	Master: RA-450 Satellite: RA-450
Firmware	TRX: 0.9.A.C DSP: D001-1C
Operating Freq. Range	410 ÷ 470 MHz
Serial Number(s)	Master: 450RA1423 Satellite: 450RA1424

Manufacturer B DMR Equipment System Tested	
Manufacturer	Hytera
Model(s)	MD785G, PD785
Firmware	A3.00.11.000
Operating Freq. Range	400 ÷ 470 MHz
Serial Number(s)	11107K0002, 11107A0025, 11117K0006

Date(s) of Test: 2011, January 20-21

Testers Initials: Tan Xu Wang [Signature]
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Man Lyngby

Approver Initials Phil Meyer



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Test Sessions Verdicts

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

Date of report issue: 21st January 2011

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Manufacturer	Hytera
Model(s)	MD785G, PD785
Firmware	A3.00.11.000
Operating Freq. Range	400 ÷ 470 MHz
Serial Number(s)	11107K0002, 11107A0025, 11117K0006

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Test Sessions Verdicts

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 functionality: 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 functionality: Channel Access, BS Activation, Emergency Alarm initiation and response
[1] - 2.8 Emergency Call	Emergency Call in repeater mode	O	Passed	Tested the following functionality: Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry

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