



DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

DMR Tier II Interoperability Test Report

DMR ASSOCIATION

Document Name: DMR_Association_Generic_TIER_II_Hytera_MS-and-Sepura Repeater_Test_Summary_8th_June_V1.01

Dates of Report : June, 8th 2015

DMR Association Test Laboratory Code: DMRA:JOP20:03:012

DMR Association Test Laboratory Location: Hytera Tower, Shenzhen Hi-Tech Industrial Park North, Beihuan Road 9108#, Nanshan District, Shenzhen P.R.C.

Date(s) of Test : November, 4th 2014

Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	Sepura plc
Model	Base Station: SBR8040
Firmware	Base Station: R3.41.048
Operating Freq. Range	400-470MHz
Serial Number(s)	Base Station: 7PR21142SGE0028

Manufacturer B DMR Equipment System Tested	
Manufacturer	Hytera Communications Corporation Limited
Model	PD780G
Firmware	A6.05.07.006
Operating Freq. Range	400-470MHz
Serial Number(s)	A16A2Z1125, A16A2Z1128, A16A2Z1121, A16A2Z1123

Testers Initials:

[Handwritten signatures]

Approver Initials:

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Test Sessions Verdicts

[1] Interoperability Testing For DMR Tier 2 Systems – Mandatory V1.0.3

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

Testers Initials: *[Signature]* Approver Initials: *[Signature]*

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Test Session	Feature	Feature's Status	Verdict	Comments
2.3-Radio Check	Radio Check in repeater mode	0	PASS	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Radio Check initiation and response.
2.4 - Call Alert	Call Alert in repeater mode	0	PASS	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Call Alert initiation and response.
2.5 - Radio Disable/Enable	Radio Disable/Enable in repeater mode	0	PASS	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Radio Disabling, Re-enabling the disabled radio.
2.6 - Remote Monitor	Remote Monitor in repeater mode	0	PASS	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Remote Monitor, Voice Repeating from a radio being monitored.
2.7 - Emergency Alarm	Emergency Alarm in repeater mode	0	PASS	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Emergency Alarm initiation and response.
2.8 - Emergency Call	Emergency Call in repeater mode	0	PASS	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry.

Date of report issue: June, 8th 2015

Testers Initials: *W.P.* Approver Initials: *G.S.*

胡燕生, 张超