



# DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

## DMR Tier II Interoperability Test Report

DMR ASSOCIATION

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Dates of Report : June, 8<sup>th</sup> 2015

DMR Association Test Laboratory Code: DMRA:IOP20:03:012

DMR Association\_TIER\_II\_Interoperability\_Test\_Laboratory Location: Hytera Tower, Shenzhen Hi-Tech Industrial Park North, Beihuan Road 9108#, Nanshan District, Shenzhen P.R.C.

Date(s) of Test : February, 2<sup>nd</sup> 2015

Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	Hytera Communications Corporation Limited
Model	Base Station:RD980 U(1)
Firmware	Base Station:A6.05.10.004
Operating Freq. Range	400-470MHz
Serial Number(s)	Base Station:Z21EFA1406

Manufacturer B DMR Equipment System Tested	
Manufacturer	Tait Communication Ltd
Model	TP9300
Firmware	2.02.01.0004
Operating Freq. Range	400-470MHz
Serial Number(s)	25490004, 25654969, 25654970, 25492651

Testers Initials: 张颖哲 Approver Initials: Y.S. Jm



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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:  Approver Initials: G. J. J. J.  
 张颖哲



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

Test Session	Feature	Feature's Status	Verdict	Comments
2.3 - Radio Check	Radio Check in repeater mode	O	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	O	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	O	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	O	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	O	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	O	PASS	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry.

Date of report issue: June, 8<sup>th</sup> 2015

Testers Initials:  Approver Initials: G-J-M  
 张颖哲