



# DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

## DMR Tier II Interoperability Test Report

DMR ASSOCIATION

Document Name: *Harris-Hytera Test Summary October 2012*  
Dates of Report : *24th October 2012*  
DMR Association Test Laboratory Code: *DMRA : IOP20.03.012*  
DMRAssociation\_TIER\_II\_Interoperability\_Test\_Laboratory Location: *HYT Tower, Shenzhen Hi-Tech Industrial Park North, Beihuan RD., Nanshan District, Shenzhen P.R.C.*  
Date(s) of Test : *22th October 2012*

### Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	<i>Harris Corporation</i>
Model	<i>HDR100</i>
Firmware	<i>A4.05.14.000</i>
Operating Freq. Range	<i>400-470MHz</i>
Serial Number(s)	<i>12114A1205</i>

Manufacturer B DMR Equipment System Tested	
Manufacturer	<i>Hytera Communications Corporation Limited</i>
Model	<i>PD780G U(1)</i>
Firmware	<i>A4.05.16.003</i>
Operating Freq. Range	<i>400-470MHz</i>
Serial Number(s)	<i>A31F1Z1030 - A31F1Z1033</i>

Testers Initials:

Approver Initials:





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### Test Sessions Verdicts

Test Session	Feature	Feature's Status	Verdict	Comments
2.3 Test Session: Group Call	[1] - 2.3.1 Test Case 1: Group Call service in repeater mode, positive and negative case, inactive repeating system	M	Pass	
2.3 Test Session: Group Call	[1] - 2.3.2 Test Case 2: Group Call service in repeater mode with late entry and reply during Call Hangtime	M	Pass	
2.3 Test Session: Group Call	[1] - 2.3.3 Test Case 3: Group Call service in direct mode, positive and negative case	M	Pass	
2.4 Test Session: Individual Call - PATCS	[1] - 2.4.1 Test Case 1: PATCS Individual Call in repeater mode, positive and negative case	M	Pass	
2.4 Test Session: Individual Call - PATCS	[1] - 2.4.2 Test Case 2: PATCS Individual Call in direct mode, positive and negative case	M	Pass	
2.5 Test Session: Individual Call - OACSU	[1] - 2.5.1 Test Case 1: OACSU Individual Call in repeater mode, negative case	M	Pass	
2.5 Test Session: Individual Call - OACSU	[1] - 2.5.2 Test Case 2: OACSU Individual Call in repeater mode, positive case	M	Pass	

Testers Initials: *MS* Approver Initials: *MS G. J. R.*





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2.5 Test Session: Individual Call - OACSU	[1] - 2.5.3 Test Case 3: OACSU Individual Call in direct mode, positive and negative case	M	Pass
2.6 Test Session: All Call	[1] - 2.6.1 Test Case 1: All Call service in repeater mode, positive case with inactive repeating system	M	Pass
2.6 Test Session: All Call	[1] - 2.6.2 Test Case 2: All Call service in direct mode	M	Pass
2.3 Test Session: Radio Check	[1] - 2.3.1 Test Case 1: Radio Check in repeater mode	O	Pass
2.3 Test Session: Radio Check	[1] - 2.3.2 Test Case 2: Radio Check in direct mode	O	Pass
2.4 Test Session: Call Alert	[1] - 2.4.1 Test Case 1: Call Alert in repeater mode	O	Pass
2.4 Test Session: Call Alert	[1] - 2.4.2 Test Case 2: Call Alert in direct mode	O	Pass
2.5 Test Session: Radio Disable/Enable	[1] - 2.5.1 Test Case 1: Radio Disable/Enable in repeater mode	O	Pass
2.5 Test Session: Radio Disable/Enable	[1] - 2.5.2 Test Case 2: Radio Disable/Enable in direct mode	O	Pass
2.6 Test Session: Remote Monitor	[1] - 2.6.1 Test Case 1: Remote Monitor in repeater mode	O	Pass
2.6 Test Session: Remote Monitor	[1] - 2.6.2 Test Case 2: Remote Monitor in direct mode	O	Pass
2.7 Test Session:	[1] - 2.7.1 Test Case 1: Emergency Alarm service in	O	Pass

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





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Emergency Alarm	repeater mode				
2.7 Test Session: Emergency Alarm	[ ] -2.7.2 Test Case 2: Emergency Alarm service in direct mode	<input type="radio"/>	Pass		
2.8 Test Session: Emergency Call	[ ] -2.8.1 Test Case 1: Emergency Call service in repeater mode, positive and negative case, inactive repeating system	<input type="radio"/>	Pass		
2.8 Test Session: Emergency Call	[ ] -2.8.2 Test Case 2: Emergency Call service in repeater mode with late entry and reply during Call Hangtime	<input type="radio"/>	Pass		
2.8 Test Session: Emergency Call	[ ] -2.8.3 Test Case 3: Emergency Call service in direct mode, positive and negative case	<input type="radio"/>	Pass		

Date of report issue:

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