



DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

DMR Tier III Interoperability Test Report

DMR ASSOCIATION

Document Name: *Motorola Tait STR DMRA Tier 3*
 Dates of Report: 24 August 2018
 DMR Association Test Laboratory Code: DMRA: IOP:11.01.011
 DMR_Association_TIER_III_Interoperability_Test_Laboratory_Location: Tait International Ltd, 558 Wairakei Road, Christchurch, New Zealand
 Date(s) of Test: 20 – 24 August 2018

Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	Tait International Ltd
Model	TB9315-B3H0-B3H0-A1AA-10 & TN9300-1101-0000-0000-10
Firmware	Base station: 2.50.01, Node Controller: 2.22.06
Operating Freq. Range	136-174 MHz
Serial Number(s)	Site 1 TB9315-B3H0-B3H0-A1AA-10 serial number 18252676 Site 2 TB9315-B3H0-B3H0-A1AA-10 serial number 18260122 Node Controller TN9300-1101-0000-0000-10 ST: FXF61H2, Exp Svc Code: 34672594934

Manufacturer B DMR Equipment System Tested	
Manufacturer	Motorola Solutions
Model	PMUD2904BA, DP4801e
Firmware	R02.09.00.0001
Operating Freq. Range	136-174 MHz
Serial Number(s)	871TUM4459, 871TUM4657, 871TUM4604, 871TUM4595, 871TUM4625, 871TUM4425, 871TUM4460, 871TUM4491

Testers Initials: DRD Dery Approver Initials: ASB



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Test Sessions Verdicts

[1] Interoperability Testing for DMR Tier III Systems V3.2

Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.3.1	Registration	M	Passed	Test case 2.3.1.4.3 "Registration MS Refused" was performed.
[1] - 2.3.2	Talkgroup voice call single site message trunking	M	Passed	-
[1] - 2.3.3	Talkgroup voice call single site transmission trunking	M	Passed	-
[1] - 2.3.4	Individual voice call single site single frequency pair using OACSU	M	Passed	-
[1] - 2.3.5	Individual voice call single site using OACSU	M	Passed	-
[1] - 2.3.6	Individual voice call single site using FOACSU	M	Passed	-
[1] - 2.3.7	Hunting	M	Passed	-
[1] - 2.3.8	Short data messaging single site	M	Passed	-

Testers Initials: DR Def Approver Initials: AW



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Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.4.1	Talkgroup voice call multisite message trunking	<input checked="" type="radio"/>	Passed	2.4.1.4.3 Performed in fast start and all start mode.
[1] - 2.4.2	Talkgroup voice call multisite transmission trunking	<input checked="" type="radio"/>	Passed	2.4.2.4.3 Performed in fast start and all start mode.
[1] - 2.4.3	Individual voice call multisite using OACSU	<input checked="" type="radio"/>	Passed	-
[1] - 2.4.4	Individual voice call multisite using FOACSU	<input checked="" type="radio"/>	Passed	-
[1] - 2.4.5	Short data messaging multisite	<input checked="" type="radio"/>	Passed	-

Date of report issue: 24 August 2018

Testers Initials: RP Def Approver Initials: RP