



# DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

## DMR Tier II Interoperability Test Report

### DMR ASSOCIATION

Document Name:..... TAIT – Radio Activity Test Summary June 2016  
 Dates of Report:..... 26<sup>th</sup> July 2016  
 DMR Association Test Laboratory Code:..... DMRA102  
 DMRAssociation\_TIER\_II\_Interoperability\_Test\_Laboratory\_Location:..... Via De Notaris 50, 20128 Milan, Italy  
 Date(s) of Test:..... 26<sup>th</sup> July 2016

#### Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	Radio Activity – Base Station.
Model	Master and Satellite: KA-160, KAIROS Family
Firmware	TRX: 1.6.2.0, DSP: 4.36
Operating Freq. Range	136 to 174 MHz
Serial Number(s)	Master: 000KA1580, Satellite: 160KA3708

Manufacturer B DMR Equipment System Tested	
Manufacturer	TAIT
Model	TP9360-B1 (T03-00043-BJD8)
Firmware	2.11.00.8311
Operating Freq. Range	136 to 174 MHz
Serial Number(s)	25404897, 25404899, 25442126, 25404893

Date of report issue: 26<sup>th</sup> July 2016      Updated: 19<sup>th</sup> September 2017

Testers Initials: SR, MH      Approver Initials: RM

Update Approver Initials: RM



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### Test Sessions Verdicts

[1] Interoperability Testing For DMR Tier 2 Systems - Mandatory V. 1.0.4

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

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[1] Interoperability Testing For DMR Tier 2 Systems - Optional V. 1.0.4

Test Session	Feature	Feature's Status	Verdict	Comments
[1] – 2.3	Radio Check	O	P	Tested the following functionalities: Channel Access, BS Activation, Radio Check initiation and response,
[1] – 2.4	Call Alert	O	P	Tested the following functionalities: Channel Access, BS Activation, Call Alert initiation and response,
[1] – 2.5	Radio Disable/Enable	O	P	Tested the following functionalities: Channel Access, BS Activation, Radio Disabling, Re enabling the disabled radio
[1] – 2.6	Remote Monitor	O	P	Tested the following functionalities: Channel Access, BS Activation, Initiating Remote Monitor, Voice repeating from a radio being monitored,
[1] – 2.7	Emergency Alarm	O	P	Tested the following functionalities: Channel Access, BS Activation, Emergency Alarm initiation and response
[1] – 2.8	Emergency Call	O	P	Tested the following functionalities: Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry

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