



# DMRA INTEROPERABILITY TEST PROGRAM

## DMR TIER II INTEROPERABILITY TEST REPORT

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 Dates of Report: ..... April 29, 2014  
 DMR Association Test Laboratory Code: ..... DMRA102  
 DMRAssociation\_TIER\_II\_Interoperability\_Test\_Laboratory\_Location: ... Via De Notaris 50 - 20128 Milan - Italy  
 Date(s) of Test: ..... April 28-29, 2014

### Equipment Details:

Manufacturer A Equipment System Tested	
Manufacturer	Radio Activity
Model	Master: .....RA-450 Satellite1: .....RA-450 Satellite2: .....RA-450
Firmware	TRX: .....0.9.f.5 DSP: .....D002-01
Operating Freq. Range	407 ÷ 470 MHz
Serial Number(s)	Master: .....450RA2347 Satellite1: .....450RA2348 Satellite2: .....450RA2349
Manufacturer B DMR Equipment System Tested	
Manufacturer	Sapura
Model(s)	SBP8040
Firmware	R3.18.062
Operating Freq. Range	400 ÷ 470 MHz
Serial Number(s)	7PR331410GA1969, 7PR321410GA2847, 7PR321409GA1413, 7PR321409GA1585

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Testers Initials: fl J R

Approver Initials Reu



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### Test Sessions Verdicts

Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.3 Group Call	Group Call in repeater mode	M	P	Tested the following functionalities : 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 : 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 : Channel Access, BS Activation, Voice Repeating, Call Hangtime
[1] - 2.6 All Call	All Call in repeater mode	M	P	Tested the following functionality : Channel Access, BS Activation, Voice Repeating, Late Entry
[1] - 2.3 Radio Check	Radio Check in repeater mode	O	P	Tested the following functionalities : Channel Access, BS Activation, Radio Check initiation and response
[1] - 2.4 Call Alert	Call Alert in repeater mode	O	P	Tested the following functionalities : Channel Access, BS Activation, Call Alert initiation and response
[1] - 2.5 Radio Disable/Enable	Radio Disable/Enable in repeater mode	O	P	Tested the following functionalities : Channel Access, BS Activation, Radio Disabling, Re enabling the disabled radio

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Testers Initials:     *AK*    

Approver Initials:     *RM*



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[1] - 2.6 Remote Monitor	Remote Monitor in repeater mode	0	P	Tested the following functionalities : Channel Access, BS Activation, Initiating Remote Monitor, Voice repeating from a radio being monitored.
[1] - 2.7 Emergency Alarm	Emergency Alarm in repeater mode	0	P	Tested the following functionalities : Channel Access, BS Activation, Emergency Alarm initiation and response
[1] - 2.8 Emergency Call	Emergency Call in repeater mode	0	P	Tested the following functionalities : Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry

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Approver Initials: RM