



DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

DMR Tier II Interoperability Test Report

DMR ASSOCIATION

Document Name:..... JVCKENWOOD – Radio Activity Test Summary July 2016
 Dates of Report:..... 11th 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:..... 11th July 2016

Equipment Details:

| Manufacturer A DMR Equipment System Tested | |
|--|---|
| Manufacturer | Radio Activity – Base Station. |
| Model | Master and Satellite: KA-450, KAIROS Family |
| Firmware | TRX: 1.6.1.0, DSP: 4.34 |
| Operating Frequency Range | 400 to 470 MHz |
| Serial Number(s) | Master: 450KA3710, Satellite: 450KA3711 |

| Manufacturer B DMR Equipment System Tested | |
|--|--|
| Manufacturer | JVCKENWOOD |
| Model | TK-D340 |
| Firmware | 1.20 |
| Operating Frequency Range | 400 to 470 MHz |
| Serial Number(s) | B6213058, B6213059, B6213053, B6213054 |
| | |
| | |

Testers Initials: AL 7m Approver Initials: pu



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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. |

Date of report issue: 11th July 2016.

Testers Initials: AL Approver Initials: RM



DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

DMR Tier II Interoperability Test Report

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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 | 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 |
| [1] – 2.6 Remote Monitor | Remote Monitor in repeater mode | 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 | Emergency Alarm in repeater mode | O | P | Tested the following functionalities: Channel Access, BS Activation, Emergency Alarm initiation and response |
| [1] – 2.8 Emergency Call | Emergency Call in repeater mode | O | P | Tested the following functionalities: Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry |

Date of report issue: 11th July 2016.

Testers Initials: ALZ Approver Initials: RM