



DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY

DMR Tier II Interoperability Test Report

DMR ASSOCIATION

Document Name: Tait Communications -Selex ES Test Summary February 2014

Dates of Report : 26th February 2014

DMR Association Test Laboratory Code: DMRA100401

DMRAssociation_TIER_II_Interoperability_Test_Laboratory Location: Via Palmanova, 185 - 20132 Milan - Italy

Date(s) of Test : 25th February 2014

Equipment Details:

| Manufacturer A DMR Equipment System Tested | |
|--------------------------------------------|--------------------------|
| Manufacturer | Selex ES – Base Station. |
| Model | ECOS-D RGW4000. |
| Firmware | ECOS-D RBS 4000 1.1.1.1. |
| Operating Freq. Range | 136 – 174 MHz |
| Serial Number(s) | 292211. |

| Manufacturer B DMR Equipment System Tested | |
|--------------------------------------------|-----------------------------------------|
| Manufacturer | Tait Communications.. |
| Model | TP9360. |
| Firmware | QPD1F_E00 1.07.01.0009. |
| Operating Freq. Range | 136 – 174 MHz. |
| Serial Number(s) | 25426242, 25418143, 25426239, 25426238. |
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| | |

Testers Initials: Om Ad Approver Initials: RG



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Test Sessions Verdicts

[1] Interoperability Testing For DMR Tier 2 Systems - Mandatory V. 1.0.3

| 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: 26th February 2014.

Testers Initials: DM Approver Initials: RL



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[1] Interoperability Testing For DMR Tier 2 Systems - Optional V. 1.0.3

| Test Session | Feature | Feature's Status | Verdict | Comments |
|--------------------------------|---------------------------------------|------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| [1] – 2.3 Radio Check | Radio Check in repeater mode | O | Passed | Tested the following functionalities : Channel Access, BS Activation, Radio Check initiation and response, |
| [1] – 2.4 Call Alert | Call Alert in repeater mode | O | Passed | 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 | Passed | 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 | Passed | 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 | Passed | Tested the following functionalities : Channel Access, BS Activation, Emergency Alarm initiation and response |
| [1] – 2.8 Emergency Call | Emergency Call in repeater mode | O | Passed | Tested the following functionalities : Channel Access, BS Activation, Emergency voice repeating, Group voice repeating, Late Entry |

Date of report issue: 26th February 2014.

Testers Initials: DMR Approver Initials: DC

