



State of Nebraska Subscriber Approval Program

1. Purpose

- To give a brief outline of subscriber performance results on a per vender basis and detail observations associated with each product.
- Specific results are documented on the accompanying spreadsheet which details the complete functional testing performed by Red Cocoa II on the vender supplied product (State of Nebraska Test Report 2-6-2015.xlsx).

2. Test Specifications

- All test specifications were derived from the State of Nebraska SRS P25 Trunk Test Plan – dated 6/11/2014

3. Vender/Product Results

3.1. EF Johnson

- 3.1.1. VP900 – No discrepancies
- 3.1.2. VP600 – No discrepancies
- 3.1.3. 5100ES – No discrepancies
- 3.1.4. 5300ES – No discrepancies

3.2. BK/Relm

- 3.2.1. KNG-P150 – No discrepancies
- 3.2.2. KNG-M150 – No discrepancies

3.3. Icom

3.3.1. IC-F9011T – TG Patch Call Rx issue.

3.3.2. IC-F9511T – TG Patch Call Rx issue.

Observations:

TG Patch Call Rx Issue: The radios display indicated that they were involved in a TG Patch configuration (GP was displayed). Radio transmitted on the patched groups correctly. Radios would not open audio when receiving patched TG traffic. The green LED would blink for the duration of the incoming call.

3.4. Midland

3.4.1. STP105B-G – Several features not supported.

3.4.2. STM1050B – Several features not supported

Features not supported:

- Clear Emergency – Power cycle required to clear emergency state.
- Adjacent Control Channel Roaming
- Full Spectrum Scan
- TG Patching
- TG Multiselect

3.5. Kenwood

3.5.1. TK-5210-K3 - No discrepancies

3.5.2. TK-5710-K - No discrepancies

3.5.3. TK5220-K2 - No discrepancies

3.5.4. TK-5720-K - No discrepancies

Observations:

Encryption: Encrypted TG Call performance could not be tested. No Encryption Keys were loaded in the product.

3.6. Harris

- 3.6.1. XG-25 – No discrepancies
- 3.6.2. SG-25M - No discrepancies
- 3.6.3. XG-75 - No discrepancies
- 3.6.4. M7300 - No discrepancies
- 3.6.5. XG-100 - No discrepancies *
- 3.6.6. XM-100F - No discrepancies

Observations:

Emergency Alarm: Couldn't determine if alarm was sent. No "Acknowledgement" from FNE was displayed.

Emergency Clear: Cleared when emergency channel was released by the FNE.

Encryption: No Encryption enabled. No Encryption keys loaded.

* - XG-100: The Unity radio would not communicate with the programming software. Was unable to resolve. Items marked –"UT" were untested due to this issue.

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