1.0   OVERVIEW

This document is the test procedure for the RFI00001 final assembly 214594-01. The RFI00001 PCB assembly 214596-01 must be tested prior to this test.

2.0   TEST EQUIPMENT REQUIRED

MODEL	MFGR	DESCRIPTION
N/A	LINEAR CORP	Working RFI00001 console

N/A = Not Applicable

3.0   SETUP

Connect the unit under test to 110VAC 60Hz power. Verify that the working RFI00001 console switches S1 and S4 are OFF (Positioned toward the LEDs). Verify that the power LED (D1) next to the volume control is illuminated. Place the working RFI00001 console into test mode by holding down the "ALL CALL" and "1" buttons while turning on power.

4.0   PROCEDURE

4.1   Place switches S1 and S4 in the OFF position (Positioned toward the LEDs). Apply power while holding down the "ALL CALL" and "1" buttons (Factory Test Mode).

4.2   Press the "TALK" button on the working RFI00001 and verify that the unit under test receives the signal and that the volume control varies the audio level of the received signal.

4.3   Press the "1" button on the working RFI00001 while holding down the "TALK" button. Verify that the "STATION 1" LED is illuminated on the unit under test. Release the "1" and "TALK" buttons.

4.4   Press the "TALK" button on the unit under test and verify that the working RFI00001 receives the signal.

4.5   Press the "1" button on the unit under test while holding down the "TALK" button. Verify that the "STATION 1" LED is illuminated on the working RFI00001. Release the "1" and "TALK" buttons.

4.6   Cycle power to the unit under test to put it into normal mode.

4.7   Press and release each station button and verify that the corresponding LED becomes illuminated.

4.8   Power down the unit.

4.9   Turn power ON to the unit under test while holding down the "TALK" and "ALL CALL" buttons (Program Mode). Release the "TALK" and "ALL CALL" buttons after the unit powers up.

4.10 Press the "5" button. Verify that the LED next to the "5" button is illuminated.

4.11 Power down the unit.

4.12 Turn power ON to the unit under test while holding down the "TALK" and "ALL CALL" buttons (Program Mode).). Release the "TALK" and "ALL CALL" buttons after the unit powers up.

4.13 Verify that the LED next to the 5 button is illuminated.

4.14 Press the "1" button. Verify that the LED next to the "1" button is illuminated.

4.15 Power down the unit.

This concludes the test procedure.