

8920A-03

S E R V I C E N O T E

SUPERSEDES: None

HP 8920A RF Communications Test Set (Option 004)

Serial Numbers: 3010A00100/3207A01093

Firmware Bug in Option 004 Tone/Digital Signaling ROM

Parts Required: 08920-61058, Firmware Upgrade Kit

Situation:

Two firmware bugs have been discovered in the HP8920A Option 004 Tone/Digital Signaling ROM. These anomalies affect the tone sequential decoder portion of this option. They are present in HP8920As with Option 004 and firmware revision A.05.01 and below. Firmware revision A.06.01 and above corrects this anomaly.

The first problem is that the decoder can be overly sensitive to noise which results in repetitive measurements of a given tone. This can result in the decoded symbol being displayed twice. The second problem is that the decoder will not reliably decode multiple sequences.

Solution/Action:

Display the current firmware revision by viewing the CONFIGURE screen. The CONFIGURE screen is accessed by pressing the SHIFT (blue) key and then the TESTS key. The current firmware revision is displayed in the upper right hand corner of the CRT.

Continued

DATE: 12 May 1992

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 1.0 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> HP LOCATION	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	RESPONSIBLE UNTIL : 01 July 1994	
AUTHOR: LHL	ENTITY: 1000	ADDITIONAL INFORMATION:	



Check the current firmware revision installed in the instrument. If the firmware revision is A.06.01 or above, do not implement this Service Note. If the firmware revision is A.05.01 or below, replace the Tone Signaling ROM and Operating System ROMs by ordering and installing HP P/N 08920-61058.