

S E R V I C E N O T E

SUPERSEDES: NONE

4352B VCO/PLL Signal Analyzer

Serial Numbers: JP1KE00101 / JP1KE00212

Wrong DC Control Voltage output at AFC mode**To Be Performed By:** Customer Installable**Parts Required:**

P/N	Description	Quantity
04352-18402	Flexible Disk(Rev 01.02)	1ea
5080-3949	Label "Firmware Rev 01.02"	1ea
04352-90402	F/W Installation Manual	1ea

P/N 04352-65402 "4352B Revision 01.02 Firmware Installtion Kit" contains all of the required parts.

Situation:

This problem appears only on the 4352B not equipped with option 001, Expand DC Control Voltage Option. During the tuning the output frequency of DUT (VCO) with using the Automatic Frequency Control (AFC) mode, sometimes the 4352B supplies DC control voltage 15 Vdc higher (or lower) than the voltage indication on the LCD display, regardless of Min/Max Control Voltage or/and AFC Min/Max Control Voltage settings. There are some possibilities of making damages on the DUT (VCO). This problem is caused by a firmware bug.

Continued

DATE: July 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR 1.0 Hours	
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
AGILENT RESPONSIBLE UNTIL: July, 2000			
AUTHOR: HN	ENTITY: 3355	ADDITIONAL INFORMATION:	

Solution / Action:

Install the firmware revision B 01.02 with using the Firmware Installation Kit described above.