

S E R V I C E N O T E

SUPERSEDES: NONE

E4400B RF Signal Generator

MODEL NUMBERS:

Digital and Analog	Analog only	
E4432B	E4421B	3 GHz
E4433B	E4422B	4 GHz

SERIAL PREFIX NUMBERS:

US3822/US3937
GB3822/GB3937

Replace Defective Firmware Upgrade Rev. B.02.4x with B.02.44, where x = 0, 1, 2, 3

TO BE PERFORMED BY: Agilent-Qualified Personnel or Customer

PARTS REQUIRED:

P/N	Description	Quantity
E4400-10007	ESG Series Firmware Upgrade Revision B.02.44	1

Continued

DATE: July 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input checked="" type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 1.0 Hours
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: SN	ENTITY: 5320	AGILENT RESPONSIBLE UNTIL: Aug 2006	
		ADDITIONAL INFORMATION:	



SITUATION:

Firmware Upgrade Revisions B.02.4x generate unspecified FM deviation.

The ESG E4400B instrument series changed Firmware Upgrade Revision from B.02.24 to B.02.40 in April 22, 1999; subsequently, three firmware revisions came out after its release. As a result, any instrument specified above with Firmware Upgrade Revision B.02.40, B.02.41, B.02.42 or B.02.43 installed, will cause the FM deviation to double (approximately) when operated in the frequency range from 2 to 2.4 GHz.

SOLUTION / ACTION:

It is recommended that any instrument with Firmware Revision B.02.40, B.02.41, B.02.42 or B.02.43 installed be upgraded with the latest firmware revision B.02.44 or higher. This solution/action can be performed to any instrument returned for service or calibration or, to any instrument in which the customer has any complaints regarding the unspecified FM deviation. Warranty is extended for unspecified FM deviation caused by installed Firmware Upgrade Revision B.02.04x until August 1, 2006 on all instruments with model and serial numbers listed above.