

S E R V I C E N O T E

SUPERSEDES: None

- E7401A EMC Analyzer**
- E7402A EMC Analyzer**
- E7403A EMC Analyzer**
- E7404A EMC Analyzer**
- E7405A EMC Analyzer**

Serial Numbers:

- E7401A US39110101 / US39150240
- E7402A US39110101 / US39150158
- E7403A US39110101 / US39430122
- E7404A US39110101 / US39150116
- E7405A US39110101 / US39430154

Frequency Response (less than 50 kHz) may fail the +/- 0.5 dB specification

Duplicate Service Notes:

- E7401A-02
- E7402A-02
- E7403A-02
- E7404A-02
- E7405A-02

To Be Performed By: Agilent-Qualified Personnel

Continued

DATE: January 2000

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY:	AGREEABLE TIME	<input checked="" type="checkbox"/> PERFORMANCE ENHANCEMENT <input type="checkbox"/> SERVICE/RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	AVAILABLE UNTIL: January 2001
AUTHOR: JMS	ENTITY: 5340	ADDITIONAL INFORMATION:

Situation:

Instruments leaving the factory can fail the Low Frequency Response specification less than 50kHz. Manufacturing discovered a software problem where incorrect low frequency flatness correction values were being loaded into the instrument memory.

Solution / Action:

As of January 7th, 2000, the Field Software for the E7400A-series EMC Analyzers IS NOT AVAILABLE at the CSC's. If a customer sends in an E7400A-series EMC Analyzer for this specific problem, the analyzer will have to be sent back to the Factory for re-alignment.

When the Field Software becomes available, and an E7400A-series EMC Analyzer is sent in for this problem, the following should be done:

Perform the Frequency Response Test using the automated software, or run the test manually as per the E7400A-series EMC Analyzer Calibration Guide. If the test fails, you will need to load new flatness correction values into the analyzer using the Adjustment Software.