

S E R V I C E N O T E

SUPERSEDES: NONE

85420E RF Filter Section
85460A RF Filter Section
8542E EMI Receiver System
8546A EMI Receiver System

Serial Numbers: 0000A00000 / 9999Z99999

AMPVAR capacitor change for ringing

Duplicate Service Notes: 85420E-02
 8542E-02
 8546A-02

To Be Performed By: Agilent-Qualified Personnel**Situation:**

In order to improve the amount of ringing caused by the presence of an RF or CISPR pulse to an 8542E or 8546A EMI Receiver system, a component on the AMPVAR assembly was changed. C65 was changed from 250 pF to 39 pF to reduce the amount of ringing, and at the same time, lower the amount of attenuation required during CISPR Pulse testing. In addition, the Adjustment and Performance Test software was changed in order to change the Input 2 threshold for where the Overload detector is checked.

Continued

DATE: January 2000

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☐ ON SPECIFIED FAILURE ☒ AGREEABLE TIME	STANDARDS: LABOR 1.0 Hours	
LOCATION CATEGORY:	☐ CUSTOMER INSTALLABLE ☒ ON-SITE ☐ SERVICE CENTER	SERVICE INVENTORY: ☐ RETURN ☒ SCRAP ☐ SEE TEXT	USED PARTS: ☐ RETURN ☒ SCRAP ☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: EOS
AUTHOR: JMS	ENTITY: 5340	ADDITIONAL INFORMATION:	

Solution / Action:

If the AMPVAR Assembly is having difficulty meeting the isolated pulse test portion of the CISPR Pulse Test, it may be necessary to replace the AMPVAR Assembly. A suitable replacement part number is 5086-6890.

In addition, the Service Software was changed as follows:

854x0x Alignment Software	(5011-2857)	A.00.02
854xx Performance Software	(5011-1195)	A.00.04

All Alignments and Performance test should be performed with AT LEAST these revisions of Alignment and Performance Test Software.