

S E R V I C E N O T E

SUPERSEDES: NONE

HP85420E RF Filter Section
HP85460A RF Filter Section
HP8542E EMI Receiver System
HP8546A EMI Receiver System

Serial Numbers:0000A00000 / 9999Z99999

A9 Cavity Cover Leakage

Duplicate Service Notes:85440E-04

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

The overall length and width of the A9 Cavity Covers have been enlarged to better contain RF signals present within the A9 High Frequency Filter Cavity. If it is determined that the A9 Cavity suffers from an excessive amount of RFI leakage, one of the following Solutions/Actions should be taken.

Solution / Action:

Solution #1 -- The sides of the aluminum sheets(85460-00018 and 85460-00019) may be bent out slightly, in order to better cover the gap between the cavity cover and cavity itself. The RFI gasketing should be removed before attempting to bend the aluminum cover, and reinstalled once finished.

Continued

DATE: December 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR 0.5 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		
AUTHOR: JMS		AGILENT RESPONSIBLE UNTIL: January 2002	
ENTITY: 5340		ADDITIONAL INFORMATION:	

Solution #2 -- A second layer of RFI gasketing may be added to the first layer. If this solution is attempted, effort should be made to install the second layer of RFI gasketing so as to fill in the gaps at each corner of the aluminum cover. In other words, try to make sure the RFI gasketing makes contact with the RFI gasketing located on the adjacent side.

The part numbers for the gasketing are as follows:

85460-00018:

5180-2400	(x1)
5180-9005	(x2)
5180-9006	(x1)

85460-00019:

5180-2399	(x1)
5180-9003	(x2)
5180-9006	(x1)