

S E R V I C E N O T E

SUPERSEDES: None

HP 8753E RF Vector Network Analyzer

Serial Numbers: US3739xxxx and JP3802xxxx

Sampler upgrade improves dynamic range

To Be Performed By: HP-Qualified Personnel

Parts Required:

Description	HP P/N	Quantity
Sampler Upgrade Kit/std	08753-60909	1
Sampler Upgrade Kit/#011	08753-60910	1

Situation:

Owners of 8753Es with the serial numbers designated above might not be able to use the full dynamic range of the instrument when measuring high dynamic range bandpass filters. If the filter has a dynamic range greater than 90 dB and has large signal reflections in the stop-band, the measurement is limited by the performance of the samplers used in the instrument.

Solution / Action:

The design of the samplers used in the 8753E has been changed. Starting in late April 1998, all 8753Es will be made with the new samplers. Owners of 8753Es with the serial numbers designated above can upgrade their units using the appropriate upgrade kit-- one for a standard 8753E and the other for an 8753E Option 011. After upgrading, the full dynamic range of the 8753E is available for measuring bandpass filters with dynamic range greater than 90 dB.

DATE: April 1998

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 checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> HP LOCATION	AVAILABLE UNTIL: Product's support life
AUTHOR: FD	ENTITY: 5320	ADDITIONAL INFORMATION: