

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

85960B-1201

S E R V I C E N O T E

Supersedes:
NONE

85960B Instability in Sweep

Serial Numbers: Only as needed. To be performed when a variation at low end of spectrum is observed. The variation is more dramatic between 5 and 15 mhz. In most cases the deviation is between 1 and 2 db, extreme cases would exhibit themselves at 3 db and above. Perform this change only if the variation is observed.

Noise at low end of sweep caused by impedance change of ALC circuit that controls source output during blanking.

To Be Performed By: Agilent-Qualified Personnel Only

Parts Required:

P/N: 0160-7751 Description CS CE.010U 50B Qty. 2

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 0.0 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL:	
AUTHOR: [initials] PRODUCT LINE: [product line]			
ADDITIONAL INFORMATION:			

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Situation:

Noise at low end of sweep caused by impedance change of ALC circuit that controls source output during blanking.

Solution/Action:

Add two 0.01 microFarad capacitors (0160-7751) to RF Module #85961-63035-1 at the following locations: One in parallel with C114 (470pF) capacitor (new R/D C222) and one in parallel with C128 (new R/D C223)

Documents Affected

85961-60035-1 from revision M to N

85961-60035-2 from revision B to C

See PCO 65406 for more information