

MODIFICATION AVAILABLE – PERFORMANCE ENHANCEMENT
CHARGEABLE TO CUSTOMER SERVICE / RELIABILITY
ENHANCEMENT CHARGEABLE TO CONTRACT IF THERE IS ONE.

E8267C-05

S E R V I C E N O T E

Supersedes:
None

E8267C PSG Vector Signal Generator

Serial Numbers: [0000A00000 / 9999Z99999]

Adding option 1E6 to E8267C

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
E8251-60112	Micro deck assy-1E6	1
E8251-20032	W76, cable A12 to A31	1
0515-0372	M3x0.5 8mm screw	2

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
ACTION CATEGORY:	AGREEABLE TIME	X PERFORMANCE ENHANCEMENT <input type="checkbox"/> SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE X SERVICE CENTER	AVAILABLE UNTIL: 2 yrs before End of supprt
AUTHOR: SN PRODUCT LINE: 15		
ADDITIONAL INFORMATION:		

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Situation:

To provide the ability to add a LB fast pulse (option 1E6) to E8267C at Agilent service centers.

Solution/Action:

Installation of this option requires using information in the Assembly Replacement and Replaceable Parts section of the Service Guide for PSG Signal Sources Generator (E8251-90259) and having access to the PC LAN and a valid IP address. There are 4 parts to installing option 1E6.

There are three parts to installing the enhanced phase noise option UNR.

- I. Order and install hardware
- II. Contacting customer support to update the instrument's files.
- III. Adjust and performance test the instrument
- IV. Pricing

Hardware installation procedure:

1. Order the part number from the parts list above
2. Remove the outer and inner covers following the steps outlined in the Assembly Replacement section of the Service Guide.
3. Remove the W37, cable going between A23 LB Coupler and A31 (Output).
4. Remove cables as necessary from the LB fast pulse assembly and install the LB fast pulse assembly in the instrument using the Replaceable Parts section of the Service Guide as a reference.
5. Hardware installation is completed after connecting the pulse mod. Semi-ridge cable, W75 to A23 LB Coupler, W16 to W16/A11J204, W76, and W69 ribbon cable to W69/A26J14 on MID Assembly and the fast pulse, A12 securely screwed to the instrument.

Updating Files:

6. Notify the support engineer by email at PGU,SOURCE of the model number
serial number
with options
will be connected to the PC LAN at IP address xxxxxxxx,
and needs option 1E6 installed
the date and times the instrument will be available on the PC LAN for updating
7. To be able to access the instrument, the IP address, Subnet Mask, and Default Gateway must be loaded in to the instrument. After the instrument is connected to the PC :LAN and turned on, the support will be able to access it from his desk and update the files.
8. On the agreed upon dat, connect the instrument to the PC LAN, turn it on and leave it on for 24 hours or until notified the file update is complete.

Adjustments and Performance Testing:

9. Perform the adjustments and performance tests listed in the Post Repair section of the Service Guide for A12.

Pricing:

The price for upgrading to 1E6 may vary from service center to service center. But the minimum price the customer is to be charged for adding option 1E6 (parts and labor) must be equal to the price the customer would

have to pay if the option were purchased with the instrument. The service center may choose to charge more than the price paid for the option at time the instrument was purchased.

Example: Opal price for option 1E6 at time purchase is \$8144.00. Upgrade cost \geq \$8144.00

520 & 540 hardware installation: 2 Hrs

520 & 540 performance tests: 2Hrs