

E8257D-35A

# Information Only Service Note

Supersedes:  
E8257D-35

## E8257D Microwave Analog Signal Generator

Serial Numbers: < US00000001-US59149999, MY00000001-MY59149999, SG00000001-SG59149999

Instrument with option HY2 or UNY that has the A43 Lowband Amp Filter board, E8251-60633 replaced will have the low phase noise mode specification impacted.

### Parts Required:

| P/N         | Description              | Qty. |
|-------------|--------------------------|------|
| E8251-60833 | Lowband Amp Filter board | 1    |

### ADMINISTRATIVE INFORMATION

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|   |                      |
|---|----------------------|
| <input checked="" type="checkbox"/> Calibration Required                      | PRODUCT LINE: [PL15] |
| <input type="checkbox"/> Calibration NOT Required    Calibration NOT Required | AUTHOR: [PY]         |

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ADDITIONAL INFORMATION:

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**Situation:**

Replacement of assembly E8251-60633 is due to the depletion of a Life Time Buy part on the board.

**Solution/Action:**

The replacement part for E8251-60633 will be E8251-60833. Our engineering team has found the closest possible replacement for the mentioned Life Time Buy part. The new part used will impact the low phase noise mode specification on units with Option HY2 and UNY. By repairing unit with the new part number A43 E8251-60833, the phase noise spec will be referring to the serial number prefix **above 60020000**.

The changes will be seen for frequency range  
Option HY2:- from 1MHz to 250MHz  
Option UNY: 1MHz and 10MHz

You can also refer to the latest PSG data sheet, <https://www.keysight.com/sg/en/assets/7018-01211/data-sheets/5989-0698.pdf> for the new specification.

At this point of time, we still have available E8251-60633 to order from stock (SLSC). You can still order this part for repair on instrument with serial number **below 60020000** until it's depleted.

**Revision History:**

| Date        | Service Note Revision | Author       | Reason for Change  |
|-------------|-----------------------|--------------|--|
| 3 Sep 2020  | 01                    | Petrina Yong | As Published   |
| 30 Sep 2020 | 02                    | Petrina Yong | Informed regarding availability stock of E8251-60633 from SLSC |
|             |                       |              |  |
|             |                       |              |  |