

E8663D-14

# Information Only Service Note

Supersedes:  
NONE

## E8663D RF Analog Signal Generator

Serial Numbers: US00000001-US63049999, MY00000001- MY63049999, SG00000001-SG63049999

**The Problem** – Instrument that has output board, E8251-60434 replaced with E8251-60887 will have the low phase noise specification impacted.

### Parts Required:

P/N	Description	Qty.
E8251-60887	Output Board	1

### ADMINISTRATIVE INFORMATION

---

Calibration Required  
 Calibration NOT Required

PRODUCT LINE: 15  
AUTHOR: PY

---

ADDITIONAL INFORMATION:

---

**Situation:**

Replacement of assembly E8251-60434 is due to the depletion of a Life Time Buy part on the board. This is to for assurance of supply (AOS).

**Solution/Action:**

The replacement part for E8251-60434 is E8251-60887. Our engineering team has found the closest possible replacement for the mentioned Life Time Buy part. The new part replaced into the instrument will impact:-

- 1) phase noise specification, both the Absolute and residual SSB on units with Option UNX and UNY.
- 2) Harmonics at 250.0001MHz

For more details, you may refer to the E8663D data sheet labelled for serial prefix  $\geq$  MY/SG6305XXXX. The new specification can be obtain from Keysight.com, <https://www.keysight.com/us/en/assets/7018-02186/data-sheets/5990-4136.pdf>

**Revision History:**

Date	Service Note Revision	Author	Reason for Change
12 June 2023	01	Petrina Yong	As Published