

SUPERSEDES:

None

HP MODEL 8690A SWEEP OSCILLATOR

Serials Below 717-00911

1. Improved Power Supply Reliability.
2. Improved Square Wave Symmetry.
3. Change Value of Resistor A2R32
4. Change Value of Resistor R3.

1. To improve power supply reliability, three new 10k Ω 1/2 watt resistors, HP Part No. 0686-1035, should be added to all instruments. Install and identify the new resistors as follows:

R24 in parallel with C4 in 12.6 volt supply

R25 in parallel with C3 in 20 volt supply

R26 in parallel with C5 in 6.3 volt supply

2. To improve the symmetry of internal square wave modulation, resistor A11R40 should be changed to a starred (individually selected) value. The nominal value of A11R40 is now 15k Ω , HP Part No. 0757-0446.

3. Resistor R32 on board A2 should be changed to a starred value. This will avoid having to select CR16 on board A11. The nominal value of R32 is to 221k Ω , HP Part No. 0757-0862.

4. To insure overlapping sweep times, R3 has also been changed to a starred value. The nominal value of R3 is now 22 k Ω , HP Part No. 0687-2231.

These changes should be added to your Operating and Service Manual.

MS/ch

6/68-4

Customer Service • 333 Logue Avenue, Mountain View, California 94040. Tel. (415) 968-9200

Europe: 54 Route Des Acacias, Geneva, Switzerland, Cable: "HEWPACKSA" Tel. (022) 42.81.50