Keysight V8486A Option H02

Product Note

The Keysight V8486A Option H02 is a standard V8486A that has been improved as listed below:

1. Power Range from 1 nW to 100 mW (–60 dBm to +20 dBm)
2. EEPROM feature, which will automatically load the calibration factor into the power meter.
3. The Calibration Factor for the V8486A Option H02 is 0.2% larger than the standard V8486A.
4. The V8486A Option H02 measures continuous wave signal for input power above –10 dBm.
5. Measurement with input power less than –10 dBm has the same performance as the standard V8486A. At high input power levels, digital, pulse, or other forms of amplitude modulation signals, muti-tone signals (multiple frequency components) and signals with harmonic content less than –45 dBc may introduce measurement errors.
6. The maximum average and peak power for the V8486A Option H02 is 0.2 W.

Table 1-1 shows the revised test specifications applied to this instrument.

Table 1-1 Revised test specifications

Test specification	Measurement
Reflection Coefficient (50 GHz to 75 GHz)	0.11 rho
SWR (50 GHz to 75 GHz)	1.25
Zero Set	± 200 pW
Measurement Noise	< 450 pW
Linearity (<-30dBm)	± 1.5%

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The V8486A Option H02 is compatible with EPM, EPM-P, and P-Series power meters only. 435B, 436A, and other legacy power meters are not supported.

In all other respects, the V8486A Option H02 is identical to the standard V8486A specifications.

Inspect the shipping container. If the container or packing material is damaged, it should be kept until the contents of the shipment have been checked mechanically and electrically. If there is mechanical damage or if the instrument does not pass the performance tests, notify the nearest Keysight Technologies office. Keep the damaged shipping materials (if any) for inspection by the carrier and a Keysight Technologies representative.

To contact Keysight for sales and technical support, refer to Keysight worldwide website at: www.keysight.com/find/assist.

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