



Agilent 8900D Peak Power Meter

Data Sheet

Frequency Range:

100 MHz to 18 GHz

Dynamic Range:

(2 ranges of 10 and 100 mW full scale)

20 dB (0 to +20 dBm)

Pulse Response:

Direct Mode

Pulse Width: 1 μ s to CW

Repetition Rate: 100 Hz to 100 kHz

Compare Mode:

Pulse Width: 100 ns (typical) limited by rise-time specification

Repetition Rate: 0 to 100 kHz

Rise-Time:

75 ns

Fall-Time:

125 ns (as measured on video output)

Meter Accuracy**CW:**

Direct: ± 0.2 dB

Compare: ± 0.2 dB

Pulse:

Direct: ± 0.35 dB

Compare: ± 0.25 dB

Transfer Accuracy CW to Pulse:

Direct: ± 0.2 dB

Compare: ± 0.1 dB

Power Consumption:

100 and 120 Vac +5, -10%, 48 to 66 Hz and 360 to 440 Hz; 220 and 240 Vac +5, -10%, 48 to 66 Hz