



Agilent 8900C 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