



Abbreviated Specifications

Frequency

Frequency Range: 1Hz to 4.4GHz (RF Preamp Off); 500KHz to 4.4GHz (RF Preamp On)

Internal Frequency Reference Accuracy: ± 1 ppm

Counter Accuracy: 1Hz + timebase error

Resolution Bandwidth: 0.1Hz to 250KHz and 5MHz

Amplitude (RBW ≤ 100 KHz)

Range: +10dBm to Displayed Average Noise Level (DANL)

Absolute Accuracy: ± 1.5 dB (0dBm to DANL); ± 2.0 dB (+10dBm to >0dBm)

Displayed Average Noise Level: (dBm/Hz with 0dB input attenuation)

Frequency	RF Preamp Off	RF Preamp On
10Hz	-124 dBm	NA
100Hz to 10KHz	-135 dBm	NA
10KHz to 500KHz	-142 dBm	NA
500KHz to 10MHz	-142 dBm	-153 dBm
10MHz to 100MHz	-148 dBm	-161 dBm
100MHz to 1GHz	-144 dBm	-158 dBm
1GHz to 2.6GHz	-139 dBm	-151 dBm
2.6GHz to 3.3GHz	-135 dBm	-151 dBm
3.3GHz to 4.4GHz	-128 dBm	-134 dBm



Measuring Receiver

Operating Frequency 150KHz to 4.4GHz

FM Accuracy $\pm 1\%$ typical

AM Accuracy $\pm 1\%$ typical

Synchronous Level Detector ± 0.25 dBc ([+0dBm to -125dBm, 150KHz to 1GHz] and [+0dBm to -115dBm, 1GHz to 4.4GHz])

Calibration Interval: 1-year

Operating Temperature

0°C to +70°C (Standard); -40°C to +85°C (Option-1)

Optional Accessories (not included)

- 1) 20dB Fixed Attenuator, Mini Circuits Part # VAT-20+
- 2) DC Block, Mini Circuits Part # BLK-89+
- 3) SMA(m) to BNC(f) Adapter, Mini Circuits part# SM-BF50+
- 4) 3GHz RF Probe, p/n P-20A (made by Auburn Technology, www.auburnntec.com, phone 316-529-4520)