Boonton 9200B Specifications

- Voltage Range: 200µV to 3V in 8 ranges (300V to 700MHz with a 100:1 Divider). Indications down to 50µV
- Voltage Display: 1mV to 300V fs
- dB Range: 80 dB in 8 ranges, 0.01 dB resolution
- dB Display: dBmV (0 dB equivalent to 1mV), dBV (0 dB equivalent to 1V), dBW (0 dB equivalent to 1W), dBm (0 dB equivalent to voltage drop generated when 1mW is dissipated in selectable Z_0 reference, 5 to 2000Ωs) or dBr (0 dB equivalent to any desired reference level. Reference level can be panel selected to 0.01 dB resolution provided available display range of ±99.99 dB is not exceeded.)
- Frequency Range: 10kHz to 1.2GHz. 100kHz to 2.5GHz when the optional Model 952009 Sensor is used and 10Hz to 100MHz when the optional Model 952016 Probe is used
- Waveform Response: RMS to 30mV, calibrated in RMS of a sinewave above 30mV (RMS to 3V and 700MHz with a 100:1 Divider)
- Maximum AC Input: 10V, all frequencies and ranges
- Maximum DC Input: 200V, all ranges
- Recorder Output: 10V fs proportional to indicated voltage (mV mode) over each range: 8V equivalent to 0 dBm regardless of Z_0 (dB mode) with a sensitivity of 1V per 10 dB change over the entire range
- Zero: Automatic, operated by panel key switch
- Display: 3½ digit LED display of voltage or dB. Auxiliary display, uncalibrated, proportional to voltage (voltage mode) or dB (dB modes)