



**Common Spectrum Analyzer Detector Types**

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*Solution:* This document highlights some of the common uses for Spectrum Analyzer Detector Types.

**How to select right detector?**

<b>Sample</b>	noise and noise-like signals
<b>Peak</b>	sinusoidal signals
<b>Negative Peak</b>	CW from impulse signals
<b>Normal</b>	both noise and sinusoidal signals
<b>Voltage Average</b>	EMI disturbance pulse signals
<b>Log Average</b>	low-level signals close to noise
<b>RMS Average</b>	power measurement for Complex signals
<b>Quasi-Peak</b>	EMI to weighting disturbance pulse signals