

NXT Portable Spectrum Analyzer

Product Comparison



Feature Comparison Chart

Test Feature (Capability)	NXT-1000	NXT-2000
Wi-Fi Bands Supported	2.4 GHz & 5 GHz	2.4 GHz, 5 GHz, & 6 GHz
Real-time detection of non-Wi-Fi Interference	Yes	Yes
Omni-Directional Antenna Support	Yes	Yes
Directional Antenna Support	No	Yes
Real Time FFT Graphs	No	Yes
Frequency Spectrum Graphs	Yes	Yes
Waterfall Graphs	Yes	Yes
Waterfall View Averaging	Yes	Yes
Scan Performance		
Frequency Range	2.400 to 2.500 GHz 5.145 to 5.860 GHz	2.400 to 2.500 GHz 5.140 to 5.900 GHz 5.900 to 7.125 GHz
Frequency Resolution	2.4 GHz: 333 KHz 5.0 GHz: 1665 KHz	2.4 GHz: 54.7 KHz 5.0 GHz: 54.7 KHz 6.0 GHz: 54.7 KHz
Amplitude Range	2.4 GHz: -95 to 0 dBm 5.0 GHz: -85 to 0 dBm	2.4 GHz: -95 to -20 dBm 5.0 GHz: -95 to -20 dBm 6.0 GHz: -95 to -20 dBm
Amplitude Resolution	0.5 dBm	0.5 dBm
Amplitude Accuracy	+/- 0.5 dBm	+/- 1.5 dBm
Sweep Time	2.4 GHz: 250ms 5.0 GHz: 1000ms	2.4 GHz: 44ms 5.0 GHz: 242ms 6.0 GHz: 382ms
Additional Features		
Antenna Host	RP-SMA Connector	SMP Connector
USB Host	USB Type A	USB Type A

NOTE: NXT-2000 is not supported by AirCheck G3 or CyberScope Air testers manufactured before August 2024. Contact Customer Service at www.netally.com/contact-us/ for more information and available options. The NXT-1000 will be discontinued as of June 1, 2025.