NXT Portable Spectrum Analyzer
Interference Analyzer

Key Features

- Simplify interference troubleshooting by providing visibility into the 2.4GHz and 5.0GHz spectrum bands
- Locate any Wi-Fi or non-Wi-Fi interference sources operating in the RF environment
- Prioritize Wi-Fi interference troubleshooting activities and reduce time to locate and fix wireless network issues
- Secure the Wi-Fi network by inspecting No Wireless Zones and detecting and locating intentional RF interference sources such as RF jammers

Overview

Trying to pinpoint the source of Wi-Fi interference on a wireless network is hit or miss with the wrong tools. Through the use of the NXT-1000 Portable Spectrum Analyzer, EtherScope nXG offers a comprehensive view of RF interference and its impact on the wireless network's overall performance.

Models

Model Number	Description
NXT-1000	NXT Portable Spectrum Analyzer, USB based 2.4GHz/5.0GHz spectrum analyzer for EtherScope nXG
EXG-300-KIT	EXG-300 mainframe with one year of AllyCare support (EXG-300-1YS), NXT-1000 Spectrum Analyzer, G3-PWRADAPTER, EXG-LR10G-HOLSTER, SFP+MR-10G850, SFP+MR-10G1310, RJ-45 inline coupler, EXT-ANT-TRIBAND, TEST-ACC, WIREVIEW 1-6, *Quick Start Guide,* and Medium softcase.

Specifications

General	Description
Frequency range	2.400 to 2.500 GHz 5.145 to 5.860 GHz
Frequency Resolution	2.4 to 3.92 GHz 5.0 to 1.396 GHz
Amplitude Range	2.4 GHz: -95 to 0 dBm 5.0 GHz: -85 to 0 dBM
Amplitude Resolution	0.5 dBm
Amplitude Accuracy	+/- 0.5 dBm
Antenna Port	RP-SMA Connector
Sweep Time	2.4 GHz: 0.25s 5.0 GHz: 1.00s
USB Host Interface	USB Type A
DC Power	Voltage supply 5 volts: 0.33 Watts Max
Adapter Specifications	Width 30.8 mm; Length 81.9 mm; Height 11.5 mm; Weight 18 grams (without antenna) 23 grams (with antenna); Operating Temperature: 0° to 45° C (32°F to 113°F)

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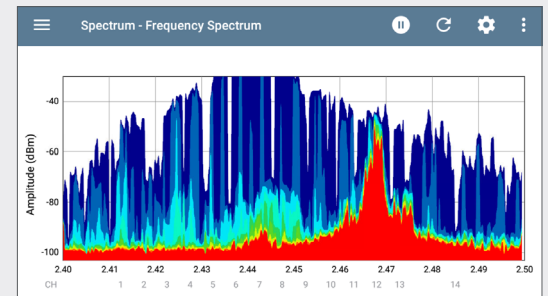
Key Features

Interference
- Real-time detection of non-Wi-Fi interference sources like:
  - Bluetooth® devices
  - Cordless phones
  - Microwave ovens
  - Wireless game controllers
  - Digital video converters
  - Radar transmissions
  - RF jammers

Use with the EtherScope® nXG
- Perform RF spectrum sweeps
- Conduct active or passive site surveys in parallel

Diagnostics Views
- Key graphs and charts:
  - Real-time FFT
  - Spectrum density
  - Spectrogram
- Monitors for unique and repeating RF interference signals