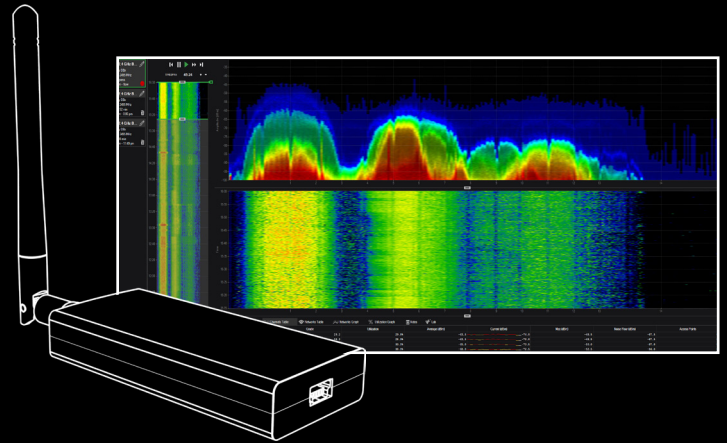# Spectrum Analyzer



## Discover and Eliminate WLAN Interference

Microwave ovens, wireless video cameras, wireless phones, broken Wi-Fi devices, and motion detectors often interfere with WLAN (Wi-Fi) devices. Ekahau dual band USB spectrum analyzer helps easily discover and eliminate any interference that causes Wi-Fi issues such as packet loss, dropped connections and more.

Ekahau Spectrum analyzer has been designed for wireless network administrators as well as wireless professional services teams. It helps identify and eliminate interference that degrades the performance of Wi-Fi networks.

The Spectrum Analazer is connected to a Windows laptop via USB. The analyzer package includes all the software and hardware needed to get started. However, it is recommended to use the analyzer with Ekahau Site Survey, the leading WLAN site survey / planning tool (sold separately).

Whether you are building a Wi-Fi network from the scratch, verifying, troubleshooting, or expanding one, Ekahau Spectrum Analyzer is essential to make sure the network truly works.

Simultaneous 2.4 and 5GHz analysis is supported by simply connecting two analyzers into the laptop.

## More Info

**Website**
ekahau.com/wifidesign

**Support / Tech Questions**
ekahau.com/support

**Order**
E-mail: wifidesign@ekahau.com
Webshop: shop.ekahau.com

**Warranty**
One year

## Benefits

▸ Detect non-Wi-Fi Interference
▸ See which WLAN channels are impacted
▸ Ideal for design, site surveys and troubleshooting
▸ Dual-band, 802.11n and 802.11abg
▸ Access analysis tools from Ekahau Site Survey
▸ Super-easy to use

## Specifications

General
▸ Interface: USB
▸ Antenna: External, RP-SMA
▸ Range: -100 to -65dBm
▸ Resolution: 0.5dBm

System Requirements
▸ Windows 7/8 Vista, XP (SP3)
▸ USB 1.1 or higher
▸ Min. 1024x768 Resolution

2.4 GHz Radio
▸ Range: 2.400 to 2.495GH
▸ Frequency Resolution: 26kHz to 3MHz
▸ Resolution Bandwidth: 58KHz to 812KHz

5 GHz Radio
▸ Range: 5.150 to 5.850GHz
▸ Frequency Resolution: 24kHz to 3MHz
▸ Resolution Bandwidth: 54kHz to 750kHz