



Ekahau Analyzer™ for iPhone & iPad

The Most Powerful Wi-Fi Validation & Troubleshooting Tool in the Market

Diagnose your network faster, more accurately, and on the go!

Ekahau Analyzer™ is a professional grade Wi-Fi health validation and troubleshooting tool for iPhones and iPads. Ekahau Analyzer utilizes Sidekick's high-resolution measurement capabilities to show network health on your mobile device.

The simple interface provides a quick and easy-to-understand pass/fail indication of Wi-Fi network quality, identifying network problems based on predefined requirements. These predefined requirements are the most common network issues, such as channel utilization and co-channel interference. This significantly reduces the complexity of Wi-Fi troubleshooting and validation, enabling you to more quickly take corrective actions.

Start validating and troubleshooting your wireless network in less than 60 seconds. On-site staff as well as other team members quickly identify potential issues and relay info back to senior resources. This allows anyone to gain real-time, actionable intelligence without having to physically be on site—resulting in minimal-to-no down time of your network.

Now available for the first time ever right from the mobile device in your pocket:

- ✔ Super fast & high resolution spectrum measurements to identify interference sources on your mobile device—available for the first time ever
- ✔ Simple and easy to navigate touchscreen interface
- ✔ Automatic & continuous Wi-Fi health validation against industry defined requirements
- ✔ Standardized and accurate measurements provided by Ekahau Sidekick™
- ✔ Optimize network performance by seeing the bottlenecks of your Wi-Fi network
- ✔ Identify and locate rogue and unauthorized access points
- ✔ Ultra-lightweight iPhone & iPad application
- ✔ Compatible with all iPhones & iPads running iOS 12 or newer
- ✔ Very clear pass/fail indication



Ekahau Analyzer Features

Auto-Test

Ekahau Analyzer automatically validates the health of your Wi-Fi network by testing against predefined requirements. Provides very clear and easy-to-understand pass / fail indication.

Signal Strength Analysis

The Signal Strength view provides instant access to your Wi-Fi network details, showing the primary signal level and secondary signal for redundancy and roaming purposes.

Signal-to-Noise Ratio Analysis

The SNR view shows signal quality of your network, which directly impacts achievable data rates and how different clients and applications perform in your network.

Channel Quality Analysis

Channel quality view quickly determines which channels in your network are over utilized and are causing interference.

Connectivity Analysis

Actively test your network with your mobile device by monitoring the roaming behavior and verifying your network has sufficient overlap.

Spectrum measurements

The Spectrum view utilizes the full Ekahau Sidekick high resolution, high speed spectrum analysis capabilities on your mobile device—allowing you to troubleshoot interference issues.

Ekahau Analyzer Benefits

- Provides mobility and convenience for troubleshooting the most common network problems with the mobile device right in your pocket. This enables you to be faster, more mobile and safer.
- Other than Ekahau Sidekick, only your iPhone or iPad is needed; no laptop is required on site.
- Ekahau Analyzer is an insurance policy against prolonged Wi-Fi downtime, by reducing the complexity of Wi-Fi troubleshooting and validation—enabling you to resolve Wi-Fi related issues in no time.
- On-site staff as well as other team members now can quickly identify potential issues and relay info back to senior resources.
- Helps you to discover and locate rogue devices and other surrounding networks which may interfere with the performance of your network.
- Identify radios suffering from high noise floor or low signal level.
- Optimize the channels your access points are operating on and improve the overall performance of your network.
- Determine the severity of the interference, as well as identify and locate the source.

Requirements

- Required:** Apple iPhone or iPad with iOS 12 or newer
- Recommended:**
 - Apple iPhone 11 Pro
 - Apple iPad Pro (excluding 2016)
 - Apple iPad Air (2019 or newer)
- Compatible models:**
 - iPhone 6s / iPhone SE or newer model
 - 12.9-inch iPad Pro (all models)
 - 11-inch iPad Pro
 - 9.7-inch iPad Pro
 - iPad (5th generation)
 - iPad Air & iPad Air 2
 - iPad Mini 2 or newer models



Ekahau Sidekick

More info: www.ekahau.com/sidekick

Ekahau Connect

More info: www.ekahau.com/connect

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