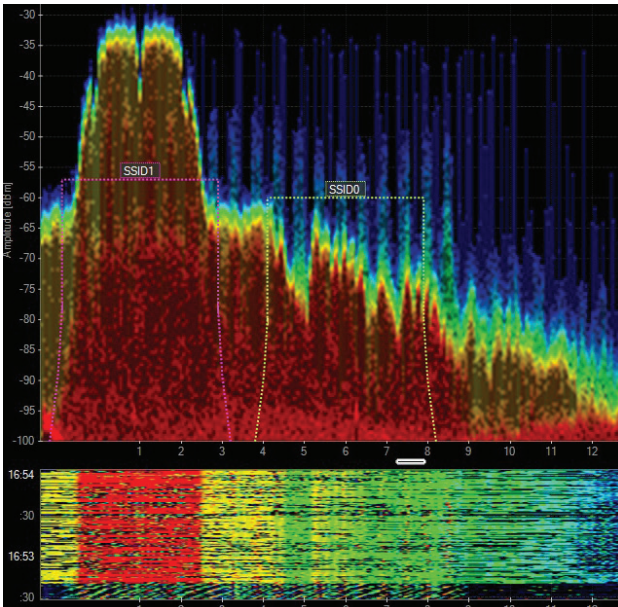


# Chanalyzer

## Pain Relief for Wi-Fi Headaches



Chanalyzer is designed to bring simplicity and power to the process of wireless troubleshooting. It combines Wi-Spy's ability to read raw RF data with your computer's built-in Wi-Fi card to show you how environmental Wi-Fi saturation and non-Wi-Fi transmitters are affecting your network. Chanalyzer is capable of displaying activity in the 2.4 GHz band, 5 GHz band, or both simultaneously if multiple Wi-Spy devices are present.

### With Chanalyzer you can:

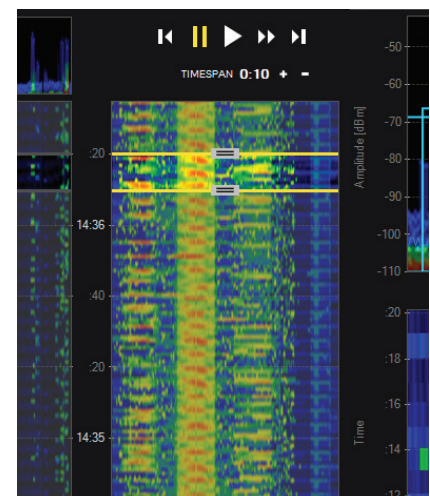
- Find the clearest channel for your networks to optimize WLAN connectivity and throughput
- Locate interfering transmitters that are harming your network and defeat troublesome devices
- Prove and document RF issues, and your solutions, with customized, colorful reports (Report Builder accessory)
- Troubleshoot remotely with data from Cisco access points (Cisco CleanAir accessory)

## Understand Utilization by Color

A variety of devices transmit in the same part of the wireless spectrum as Wi-Fi, including microwave ovens, cordless phones, security cameras, and more. With Chanalyzer, you can visualize just how active these transmitters are, based on the Density View's colors. These colors range from blue for infrequent transmissions to red for constant activity.

## DVR-Like Playback Controls

Similar to a television's DVR, you can pause or rewind your data while Chanalyzer continues to record in the background. When reviewing a recording, Chanalyzer's Waterfall Navigation allows you to go directly to the time with the highest utilization, or any other point of interest during the survey. Every graph and table in Chanalyzer adjusts itself to display only information from the selected time span in the Waterfall Navigation Pane.



## What you get in Chanalyzer:

Visualization of raw spectrum data  
Wi-Fi network overlays  
Visual playback with Waterfall Navigation

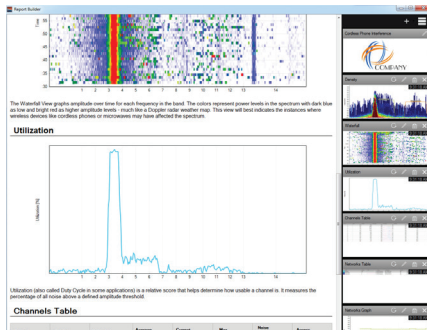
Session recording and saving  
Automatic device classification  
Option to add specialized accessories

## Complete your toolkit with these optional accessories

### Report Builder (accessory)

Report Builder is a fast, simple way to explain and document RF interference and congestion issues. With just one click, you can add a snapshot, edit image size, create descriptions or use preloaded explanations.

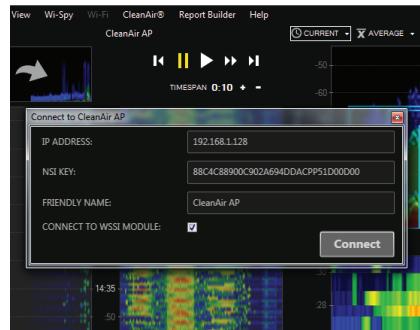
- Document spectrum events to explain to your audience, even if they're not tech-savvy
- Build comparisons to highlight impact from interference
- Export directly to PDF, HTML, RTF, or copy to clipboard



### Cisco CleanAir® (accessory)

Cisco CleanAir allows you to remotely visualize both 2.4 and 5 GHz wireless environments simultaneously from your WSSI Modules or access points in Local, Monitor, or SE-Connect modes.

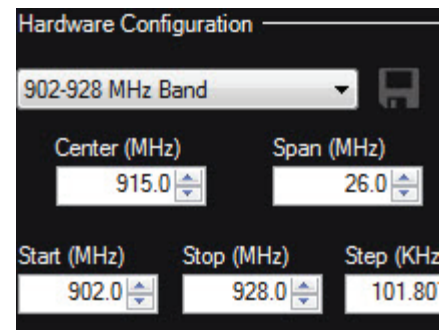
- Troubleshoot from your desk
- Monitor your Air Quality Index and see identified interferers that impact your network.
- Visualize both the 2.4 and 5 GHz bands simultaneously from your CleanAir AP



### Lab (accessory)

Lab unlocks the ability to adjust Wi-Spy's frequency ranges, step sizes, and resolution bandwidth beyond the defaults to reveal even more of your RF environment.

- Frequency and Amplitude Markers for easy tracking of current, max, average, and duty cycle.
- Control panel for creating custom Wi-Spy hardware profiles for specialized RF analysis scenarios



### MetaCare Assurance Plan

The MetaCare Assurance Plan entitles you to obtain and legally install future software updates for MetaGeek software during the period the plan is in effect. Updates range from bug fixes and minor feature updates to major enhancements and all the other wonderful changes we have in store.

For more information about MetaCare Assurance Plan, visit [www.metageek.net/metacare](http://www.metageek.net/metacare)

### Technical Requirements

OPERATING SYSTEM: Microsoft® Windows 8, 7, Vista, or XP (SP3)

Mac OS X VIRTUALIZATION: VMware Fusion, Parallels

MINIMUM REQUIREMENTS: 1024 x 600, 4 GB RAM, .NET 3.5, 1 USB port

WI-FI RADIO: 802.11n/ac recommended

NOTE: Virtual machines require a USB Wi-Fi adapter to view Wi-Fi information

Cisco CleanAir Mode (remote troubleshooting)

REQUIRED HARDWARE: Cisco CleanAir-Enabled Access Point

MetaGeek Wi-Spy Mode

REQUIRED HARDWARE: Wi-Spy, Built-In Wi-Fi card (802.11n recommended, a/b/g compatible)

OPTIONAL HARDWARE: Device Finder directional antenna