

Why Upgrade to the Ekahau Sidekick 2

The Ekahau Sidekick 2 is not just an incremental update; it is a necessary upgrade that delivers superior accuracy, speed, and intelligence to manage the wireless networks of today and tomorrow.



Future-Proof your Capabilities
with 6 GHz measurement for
Wi-Fi 6E and Wi-Fi 7



Gain Superior Measurement Accuracy with Supercharged Specifications



Power a New Level of Network Intelligence with Deeper Insights and New Features

Measure Modern Wi-Fi 6E and 7 Networks

The single most significant change to Wi-Fi in over a decade is the introduction of the 6 GHz frequency band, the new frontier for Wi-Fi 6E and Wi-Fi 7 networks. This new spectrum provides a massive increase in capacity and is essential for high-performance applications. **The Sidekick 2 is purpose-built to see and analyze this new spectrum, a capability the original Sidekick lacks.**

More non-overlapping channels enhance network performance, boost concurrent connection capacity, reduce congestion in dense areas, and improve wireless reliability. This benefits newer 6 GHz devices directly and indirectly aids legacy 2.4/5 GHz devices by alleviating competition on older bands.

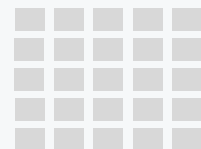
As of Q2 2025, **a staggering 48% of enterprise access point sales revenue is from Wi-Fi 6E and Wi-Fi 7**, meaning many new projects you face will likely require an advanced validation tool that is 6 GHz-capable.¹

Number of Non-Overlapping Channels By Frequency Band

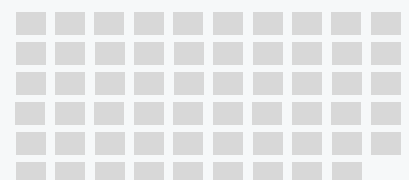
2.4 GHz



5 GHz



6 GHz



¹IDC, Worldwide WLAN Tracker.

Precision-Built for Modern Wi-Fi Networks

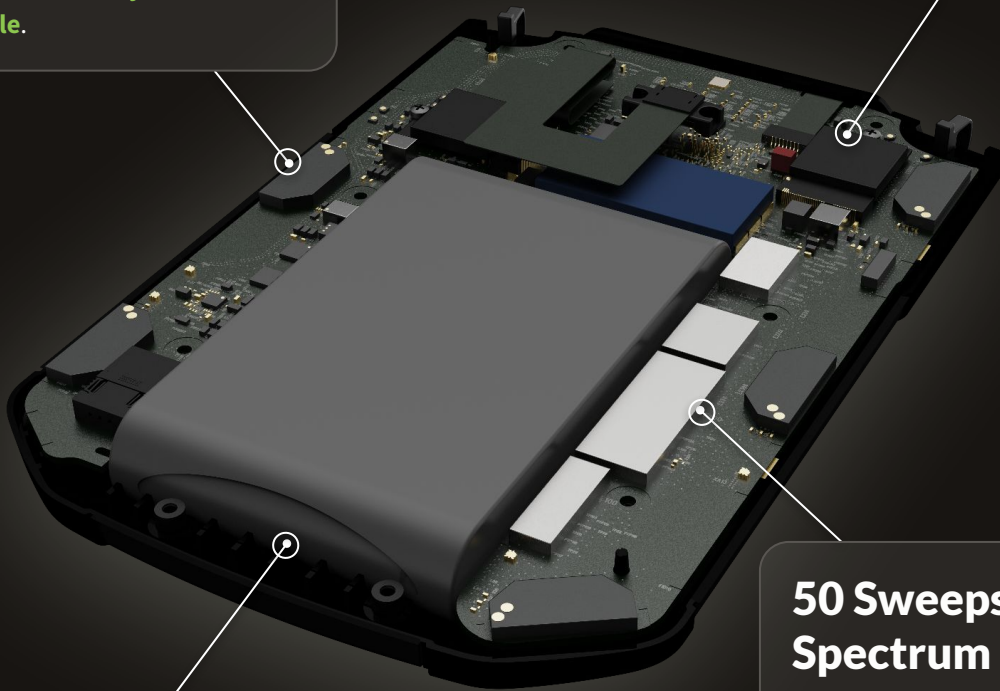
The Ekahau Sidekick 2 delivers a new standard of precision and performance. From custom antennas and faster radios to a high-definition spectrum analyzer and an all-day battery, every part has been completely re-engineered to give you the most accurate and actionable Wi-Fi data possible.

9 Custom Wideband Antennas

Get **unbeatable accuracy and reliability** with 9 custom designed 3D antennas positioned for optimum omnidirectional measurement consistency. By eliminating variances between devices, you can trust the data collected is **always accurate and actionable**.

4 Enterprise-Grade Tri-band Wi-Fi Radios

Capture **more data in less time** with 4 tri-band Wi-Fi radios that scan 2.4, 5 and 6 GHz frequency bands faster than the original Sidekick scans just 2.4 and 5. Supercharge your dual-band network survey speeds or **take on tri-band networks faster than you've ever surveyed before**.



Survey All Day Battery

Built with the **largest battery allowed on commercial airlines**, Sidekick 2 powers more than a full day of onsite surveying on a single charge and can even be topped off for **an extra 4 hours of active use with just 1 hour of charging**.

50 Sweeps/Second Spectrum Analyzer

See the invisible Wi-Fi spectrum from 2,400–7,125 MHz in brilliant high definition with the **fastest refresh rates** so you'll never miss a microsecond of interference. **Capture quicker interference events** and zoom in to the smallest details with 4X better resolution bandwidth.

An Upgrade in Every Metric

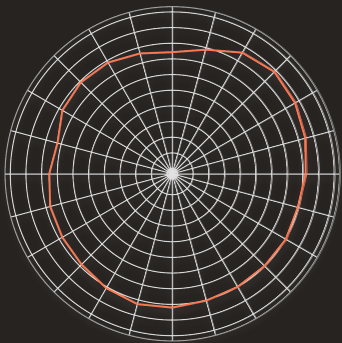
The Ekahau Sidekick 2 isn't just an incremental update—it's a comprehensive overhaul designed to be **faster, more accurate, and to capture significantly more data.**

	Sidekick 2	Sidekick
Scanning Speed: 2.4 / 5 GHz Bands	1.21 sec	2.25 sec
Scanning Speed: 2.4 / 5 / 6 GHz Bands	1.68 sec	N/A
Wi-Fi Radios	4 (tri-band)	2 (dual-band)
Spectrum Capture Width	80 MHz	20 MHz
Spectrum Refresh Rate	50 sweeps/sec	25 sweeps/sec
Spectrum Resolution	Down to 19 kHz	Down to 78 kHz

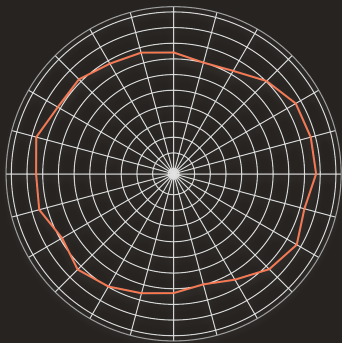
Improved Accuracy and Consistency

Not only does the Sidekick 2 capture the entire 6 GHz spectrum, but it also provides a new level of accuracy and consistency across all bands. This superior performance is built on nine custom-designed 3D antennas for better omnidirectional measurement.

Ekahau
Sidekick



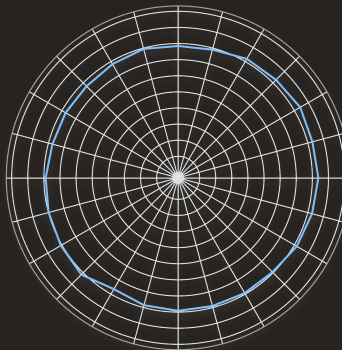
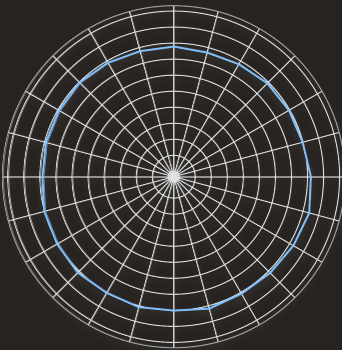
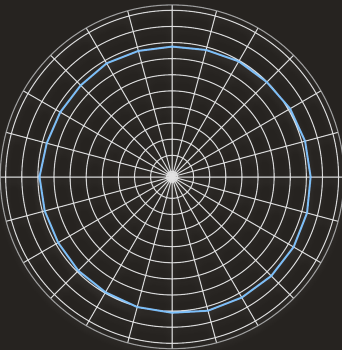
2.4 GHz



5 GHz

6 GHz

Ekahau
Sidekick 2



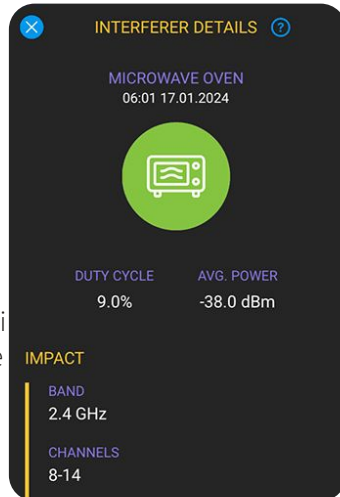
Power a New Level of Network Intelligence

The Sidekick 2's superior hardware isn't just about better specs—it's about unlocking a new level of intelligence inside Ekahau software. The massive amount of high-accuracy data it collects powers exclusive troubleshooting features and provides a stronger foundation, enabling you to make smarter, data-driven decisions for your network.

Sidekick 2 Exclusive

Interference Detection

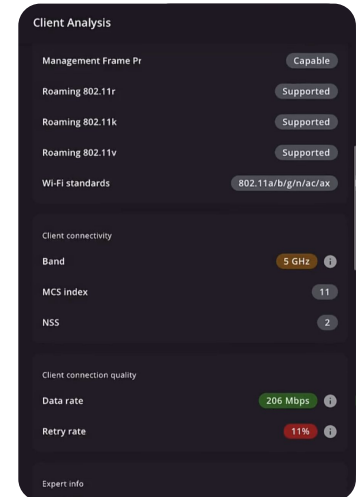
Sidekick 2's improved omnidirectional accuracy and integrated spectrum analyzer automatically detects and locates non-Wi-Fi interference from devices like microwaves or wireless cameras that can wreak havoc on your network's capabilities.



Sidekick 2 Exclusive

Client Analysis

The Sidekick 2's four enterprise-grade, tri-band radios power exclusive, real-time device analysis, providing a clear path to quickly resolve client capability and connectivity issues.



Better Data, Better Insights, Better Outcomes.

Measured Data Redesign

Create a "digital twin" of your RF environment from survey data, letting you simulate network upgrades in Ekahau AI Pro Online before deployment. With more data and a higher degree of accuracy, the Sidekick 2 creates a hyper-accurate model, ensuring your designs perform as planned in the real world.

Optimizer Reconfigurations

Optimizer analyzes survey data to deliver a step-by-step action plan that saves hours of manual work. The Sidekick 2's massive volume of high-accuracy data powers smarter and more surgical recommendations for improving your network's performance and security.

