

Options for 802.11/Wi-Fi Frame Captures

Solution	Capture Location	Radio Captures	Notes
iPhone + Ekahau Analyzer App + Sidekick V.2 + Ekahau License	Sidekick does capture; iPhone/iPad is UI	4 Radio Captures - 2.4, 5, 6 GHz - Wi-Fi 6E	Commercial tool, built-in Spectrum Analysis - Transfer PCAPs to laptop for analysis
iPhone + AirTool Pi App + Oscium Nomad	Oscium Nomad connects directly to USB-C iOS device	4 Radio Captures - 2.4, 5, 6 GHz - Wi-Fi 6E	Lightweight, integrates directly with AirTool Pi app. Optional Spectrum Analysis - Transfer PCAPs for analysis
iPhone + AirTool Pi App + WLAN Pi + Wi-Fi NIC(s)	WLAN Pi hardware does capture, controlled via iOS Device	Varies by available NIC's - 1 or more	Flexible, community-driven, customizable, transfer PCAPs for analysis
Sidos Wave	Sidos Wave - no additional device needed	3 Radio Captures - 2.4, 5, 6 GHz - Wi-Fi 6E	Purpose-built, MicroApp offers streamlined workflow, transfer files to laptop for analysis
NetAlly AirCheck G3, nXG, or CyberScope	NetAlly Device - no additional device needed	1 Radio Capture - 2.4, 5, 6 GHz - Wi-Fi 6E	Purpose-built, easy workflow, tied to vendor hardware - transfer files for analysis - Optional Spectrum Analysis
macOS Laptop + AirTool 2 app	MacOS laptop, or can also support Oscium Nomad or WLAN Pi devices	1 Radio Capture - 2.4, 5, 6 GHz on macOS - or more based on capture device capabilities	Works w/macOS laptop, Oscium Nomad, WLAN Pi Go, or WLAN Pi devices (Local or Remote) Capabilities based on capture device used. Analysis directly on macOS