

SJ001A WaveJudge Wireless Analyzer Toolset

Troubleshoot messaging and RF issues using non-signaling platform hardware



Analyze More with Non-Signaling Hardware

Add the SJ001A WaveJudge software to non-signaling hardware to capture IQ data. WaveJudge's built-in charts provide detailed information about RF performance without using additional software applications (Figure 1). WaveJudge software decodes and analyzes the messaging and RF performance of multiple technologies: Wi-Fi 7, 5G NR, RedCap, NTN, LTE, NB-IoT, eMTC, C-V2X, and NR V2X.

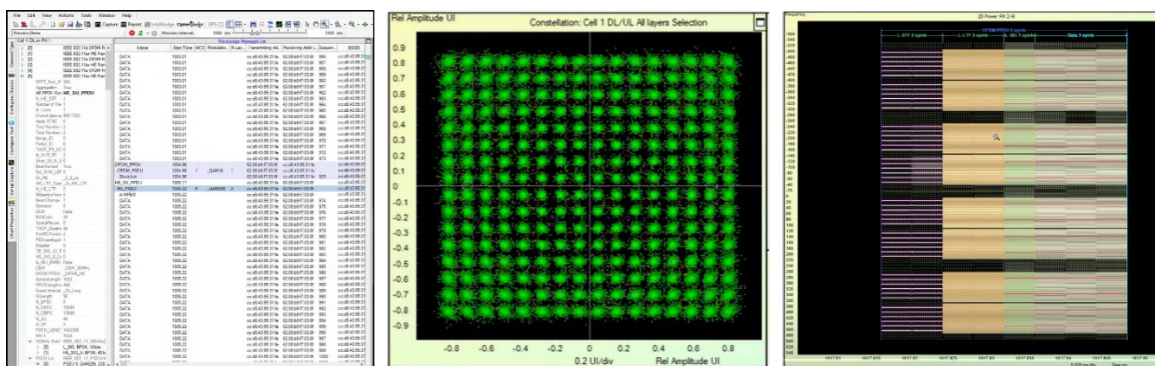


Figure 1. Examples of WaveJudge message list, constellation diagram, and 2D power chart

Combine WaveJudge software with PathWave software to perform field-to-lab simulations allowing troubleshooting of issues in the lab without interrupting service or sending technicians into the field.

Connect directly to non-signaling platforms

Eliminate the need for saving and importing data for deeper analysis. Connect WaveJudge software directly to non-signaling hardware to capture IQ data. Analyze and troubleshoot PHY and MAC timing and messaging without using signaling test equipment.

These non-signaling hardware platforms are supported using the SJ001A WaveJudge software:

- Keysight E6680E Wireless Test Set
- Keysight M9411A and M9416A VXT PXIe Vector Transceivers (soon)

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