**Keysight FieldFox Just Got Faster & More Integrated**



**Faster processor speed**
Keysight’s FieldFox processors are now faster than ever! The new processors make everything perform faster: boot-up, spectrum analyzer sweep, vector network analyzer speed, mode switching and more!

**Two new capabilities**
New channel scanner and analog demodulation options expand FieldFox’s capabilities best use for wireless network coverage test, potential interference analysis, AM/FM radio transmitter testing and more.

**Key benefits:**

Speed improvements:

* 2x faster boot-up up time: Now < 1 minute compared to ~2 minutes for current models
* 4x faster cycle times: Spectrum analyzer mode is over 4x faster and over 2x faster for cable and antenna test & network analyzer modes

Other improvements:

* SCPI over USB programming
* Increased memory for N9912A & N9923A from 16 MB to 4 GB (other models already have 4 GB)

Channel scanner (Option 312)

* Scan up to 20 channels simultaneously any given frequency and BW with GPS information
* Customizable set of frequencies with each frequency having a unique integrating bandwidth
* Record and playback data with data logging. File save in either .csv or .kml format
* Using time interval logging along with geotagging, files can be exported to Google Earth for network coverage analysis

Analog Demodulation (Option 355)

* Adds AM and FM metrics to analog demodulation such as carrier power, modulation rate, modulation depth (%), FM frequency deviation (%), SINAD and THD
* RF spectrum view and demodulated waveform displays, and audio demodulation
* Max modulation rate: 30 kHz (nominal)
* SINAD: 2.5 dB to 65 dB, THD: 0 to 75% (nominal)

Competitive Differentiators:

* We win when a customer needs to make the most accurate measurements with the fastest speed in the field
* We win when a customer needs to make measurements using a cable and antenna tester, full 2-port vector network analyzer, spectrum analyzer, channel scanner, interference analysis, vector voltmeter and power meter in a single box
* We win when a customer needs a rugged, MIL-spec classified handheld analyzer with no fans and vents