

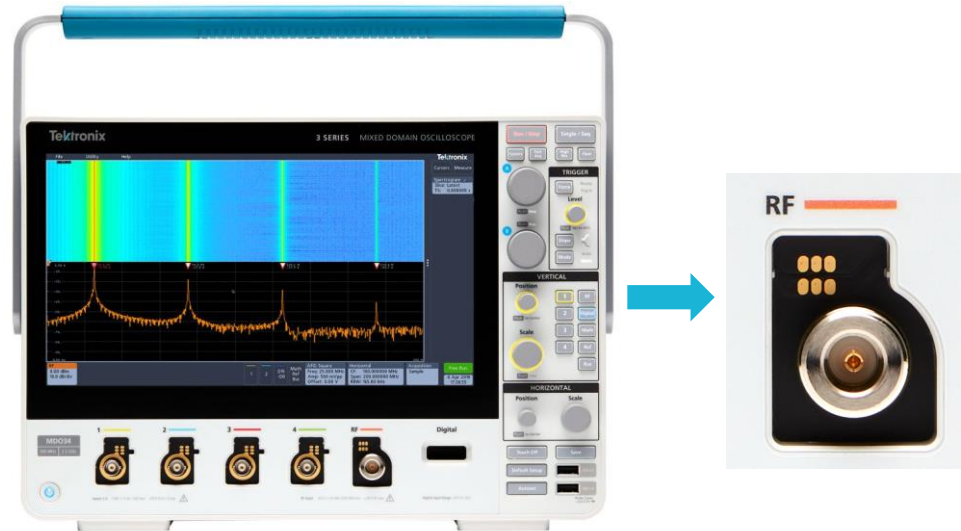
3 Series MDO vs. Regular Scope FFTs

COMPETITIVE FACT SHEET



Dedicated RF Acquisition System Guaranteed Spectrum Analyzer Specifications

- ~15 dB better dynamic range than scope FFT
- RF support to 3 GHz in a 100 MHz – 1 GHz scope
- Doesn't use one of the scope's four analog inputs (3 series MDO provides standard N- connector input for spectrum analyzer)
- Find more guaranteed spectrum analyzer specifications for your RF testing on IoT, EMI troubleshooting and many more:
www.tek.com/oscilloscope/3-series-mdo-mixed-domain-oscilloscope



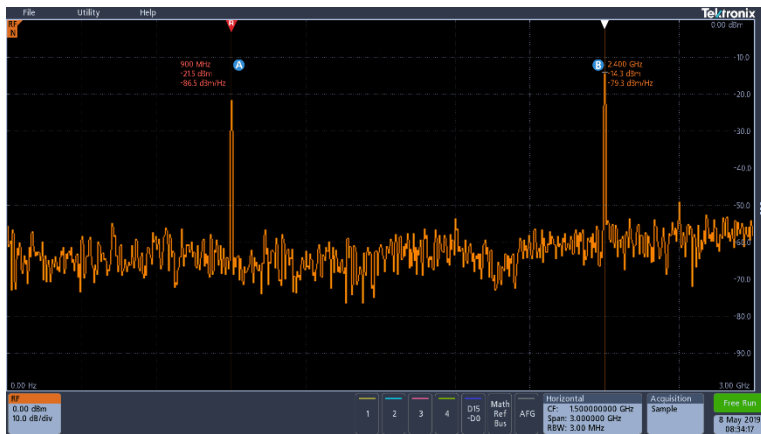
Largest Touch Screen in Class Award Winning User Interface Designed for Easy Spectrum Analysis

- 11.6" full HD touch display with award winning user interface
- Dedicated touch controls make spectral analysis easy
- Automatic markers identify spectral peaks
- Spectral analysis features such as assorted trace types, detection methods, and automated measurements

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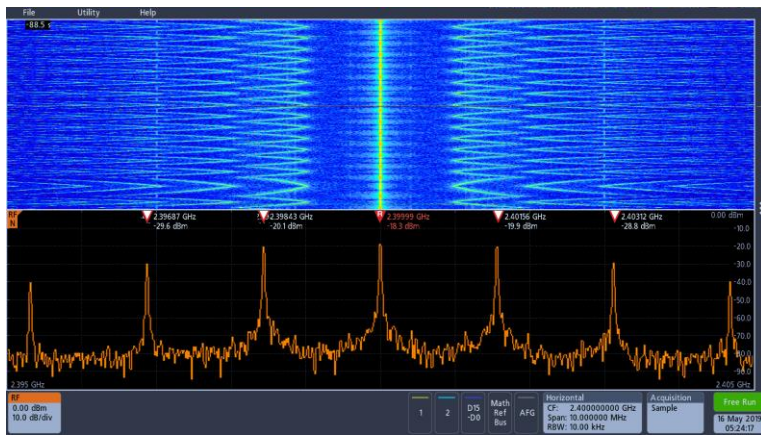
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Ultra-wide capture bandwidth



Spectral display of a bursted communication both into a device through Zigbee at 900 MHz and out of the device through Bluetooth at 2.4 GHz, captured with a single acquisition.

Spectrogram Display



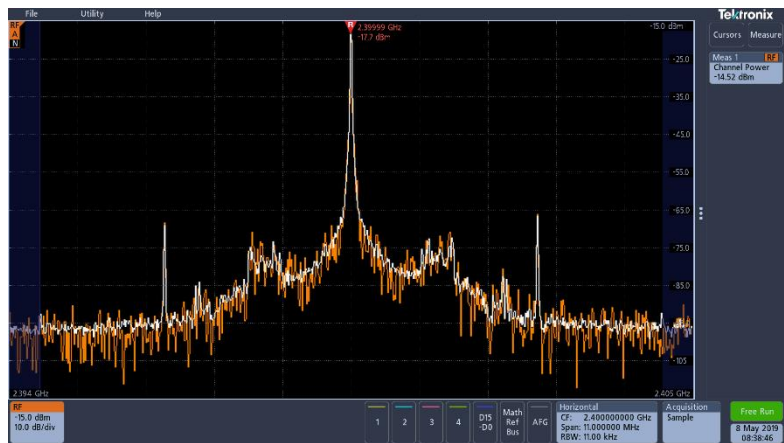
Spectrograms enable easy visual understanding of slowly changing RF phenomena

Automatic Markers



Automated peak markers identify critical information at a glance. As shown here, the five highest amplitude peaks that meet the threshold and excursion criteria are automatically marked along with each peak's frequency and amplitude.

Spectral Measurements



Typical spectrum analyzer measurements are supported, including Channel Power, Adjacent Channel Power Ratio, and Occupied Bandwidth