

3 Series MDO vs. Regular Scope FFTs

COMPETITIVE FACT SHEET

1 GHz spectrum analyzer is standard in all 3 Series MDOs. Optional frequency range to 3 GHz



Spectrum Analyzer Controls

- 11.6" HD touch display with award-winning user interface
- Standard spectrum analyzer controls such as center frequency, span and RBW make simplify settings
- Automatic markers instantly identify spectral peaks
- Includes spectrum analysis features such as assorted trace types, detection methods, and automated measurements



Dedicated RF Acquisition System

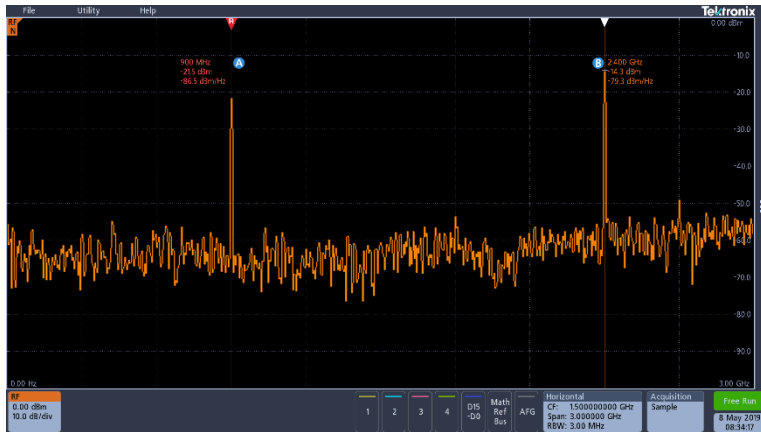
- ~15 dB better dynamic range than scope FFT
- Dedicated N-connector RF input
- Guaranteed spectrum analyzer specifications including DANL, spurious response and level uncertainty specifications

Find complete spectrum analyzer specifications for RF measurements in IoT, EMI troubleshooting and many more applications at tek.com/3SeriesMDO

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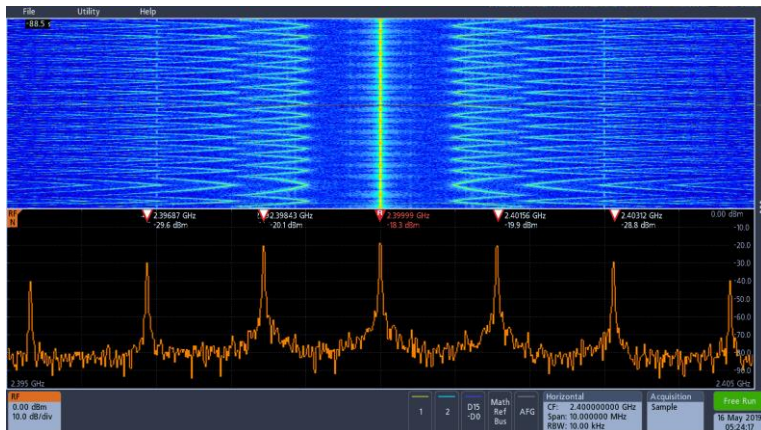
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Ultra-wide capture bandwidth



Spectral display of both Zigbee at 900 MHz and Bluetooth at 2.4 GHz, captured with a single acquisition

Spectrogram Display



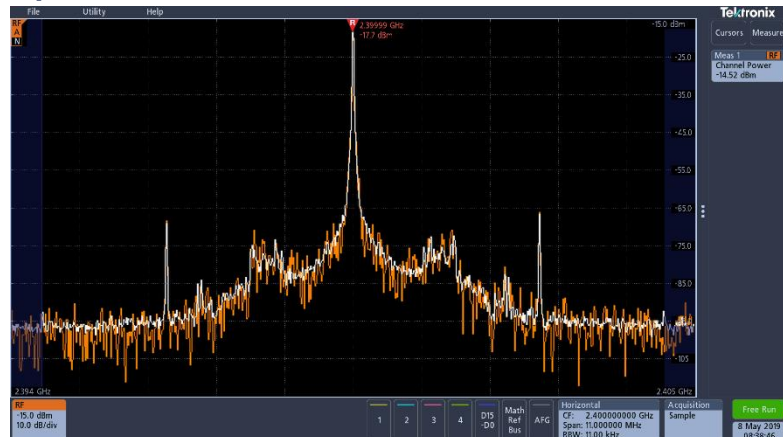
Spectrograms enable easy visual understanding of slowly changing RF phenomena

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



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