

# Introduction to DSA800 Series Spectrum Analyzer

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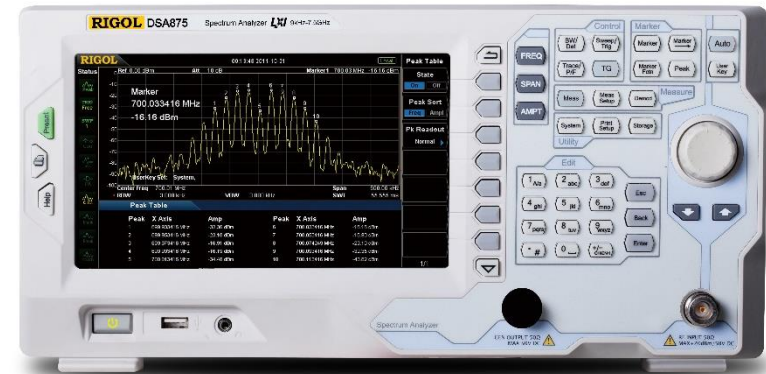


RIGOL TECHNOLOGIES, INC.

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# Product Highlights

- Best value spectrum analyzers with uncompromised measurement performance.  
The best DANL(-161dBm) and Phase Noise ( -98dBc/Hz@10KHz ) specifications among the same level products in the T&M Market.
- Help users rapidly find root causes of Device under test through frequency domain.
- Implement versatile RF Applications like Wireless baseband, VSWR and EMI test .



# Product Features

- 9 kHz to 7.5 / 3.2 / 1.5 GHz Frequency Range
- Displayed Average Noise Level (DANL) ranging from -135 dBm to -161 dBm typical
- -80 to -98 dBc/Hz @10 kHz offset Phase Noise
- 10 Hz Minimum Resolution Bandwidth (RBW) available
- All-Digital IF Technology
- Advanced Measurement Functions (Opt.)
- EMI Filter & Quasi-Peak Detector Kit(Opt.)
- VSWR Measurement Kit(Opt.)
- PC Software(Opt. Ultra Spectrum)
- Optional RF Accessories(Cable, Adaptor, Attenuator, Bridge ...)
- Complete Connectivity: LAN(LXI),USB Host & Device, GPIB (Opt.)
- 8 Inch WVGA (800x480) Display
- Compact Size, Light Weight Design

# Key Advantages

- Wide frequency range and up to 7.5GHz
- Offer the larger dynamic range and DANL value down to **-161dBm**
- Super Digital IF Filter ( Offer the best Phase Noise **-98dBc/Hz** )
- Advanced Measurement Kit to fulfill Wireless and RF applications
- EMI test capability with correspondent software
- VSWR test capability to fulfill RF Passive component test  
( Antenna, RF Adaptors etc. )
- ASK/FSK Demodulation capability with S1220 Software  
( Vehicle Keyless, Tire inspection and Intelligent meter detection )
- Offer Ultra Spectrum Software to connect to PC
- Easy to carry due to compact size

# User Benefits

- Fulfill Mid-range RF applications under 7.5GHz.
- Observe the tiny spectral line above **-161dBm**
- Fulfill the narrower side suppression signal measurement
- Fulfill some specific RF measurement criteria by Advanced Kit.
- Verify the end product if pass EMI verification standard
- Get RF Passive component characteristic parameters  
( Antenna, RF Adaptors etc. )
- Use PC Software ( Ultra Spectrum )to capture the raw data



# Product Options

- EMI Filter and Peak detection Options EMI-DSA800
- Advanced Measurement Kit AMK-DSA800
- VSWR Options VSWR-DSA800
- Ultra Spectrum Software Ultra Spectrum
- Seamless Captured Function SSC-DSA ( DSA-815 Only )
- EMI Software S1210
- ASK/FSK Demodulation S1220
- Adaptors, Cable, Antenna Package DSA Utility Kit



THANK YOU

