



USB SPECTRUM ANALYZERS

The RSA Series offers full-featured spectrum analysis at a price unmatched by any major brand. Now you can get the form factor you want, the RF performance you need, the empowerment you deserve.



RSA306B SERIES

9 kHz to 6.2 GHz Frequency Range
+23 dBm to -160 dBm Dynamic Range
40 MHz Capture Bandwidth
USB3.0 Powered
Highly Portable

RSA500 SERIES

9 kHz to 3 or 7.5 GHz Frequency Range
+33 dBm to -161 dBm Dynamic Range
40 MHz Capture Bandwidth
Battery Operated or AC Line
Ideal for the Field

RSA600 SERIES

9 kHz to 3 or 7.5 GHz Frequency Range
+33 dBm to -161 dBm Dynamic Range
40 MHz Capture Bandwidth
AC Line Powered
Ideal for the Lab



BASE PRICE RANGE
US \$3,890 – \$10,100

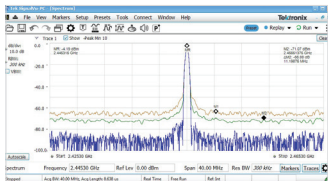
FREQUENCY RANGE
9 kHz to 3, 6.2 or 7.5 GHz

CAPTURE BANDWIDTH
40 MHz

DYNAMIC RANGE
-161 dBm to +33 dBm

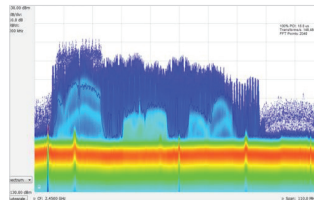
Visit TEK.COM/USBRSA

Call 1-800-833-9200 to see a live demonstration



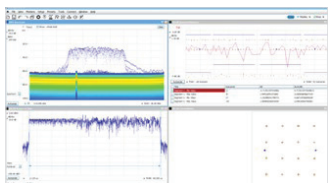
Operation is easy to learn and simple to use.

- Complete Spectrum Analyzer controls: RBW, VBW, 3 Traces, Trace Math, 5 Detector Types, 5 Markers



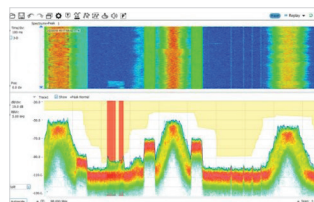
See the frequency domain over time – live RF with DPX.

- Spectrums are overlaid to show you interfering or unknown signals
- See every instance of an interfering signal down to 100µs
- Enabled by real-time architecture of the RSA Series and proprietary DPX® technology



Instantly capture your full signal.

- Capture Bandwidth: 40 MHz
- Analyze Wideband Signals: 802.11a/b/g/j/p, 802.11n, Bluetooth, Pulse and more
- Included SignalVu-PC offers 17 measurements for free and 15 optional application packages



Continuously capture, record and playback all signals.

- Create a seamless IQ recording of your signal
- Playback signals and events of interest
- Simplify common tasks

	Tektronix RSA306B Series	Tektronix RSA500 Series	Tektronix RSA600 Series	Keysight N9322C (BSA)	Keysight CXA N9000B Series	R&S FSH/FPH Series	R&S FSL Series
Maximum Frequency Range	9 kHz – 6.2 GHz	9 kHz to 3 or 7.5 GHz	9 kHz to 3 or 7.5 GHz	9 kHz - 7 GHz	9 kHz to 3, 7.5, 13.6, and 26.5 GHz	FSH: 9 kHz to 20 GHz FPH: 5 kHz to 5 GHz	9 kHz to 3, 6, 18 GHz
Capture Bandwidth	40 MHz	40 MHz	40 MHz	Unspec'd	25 MHz (Opt)	20 MHz	28 MHz (Opt)
SFDR	-60 dBc	-70 dBc	-70 dBc	Unspec'd	Unspec'd	Unspec'd	-60 dBc
Dynamic Range (DANL to Max Input)	-160 dBm to +23 dBm	-161 dBm to +33 dBm	-161 dBm to +33 dBm	-152 dBm to +20 dBm	-163 dBm (DANL @ 1 GHz)	-163 dBm to +30 dBm	-117 dB (with 300 Hz RBW)
Weight	1.6 lbs	7.0 lbs	6.35 lbs	17.4 lbs	34 lbs	FFSH: 6.6 lbs FPH: 5.5 lbs	<15.43 lbs
Real Time Capabilities	Yes	Yes	Yes	No	No, S'gram Extra	No	No

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