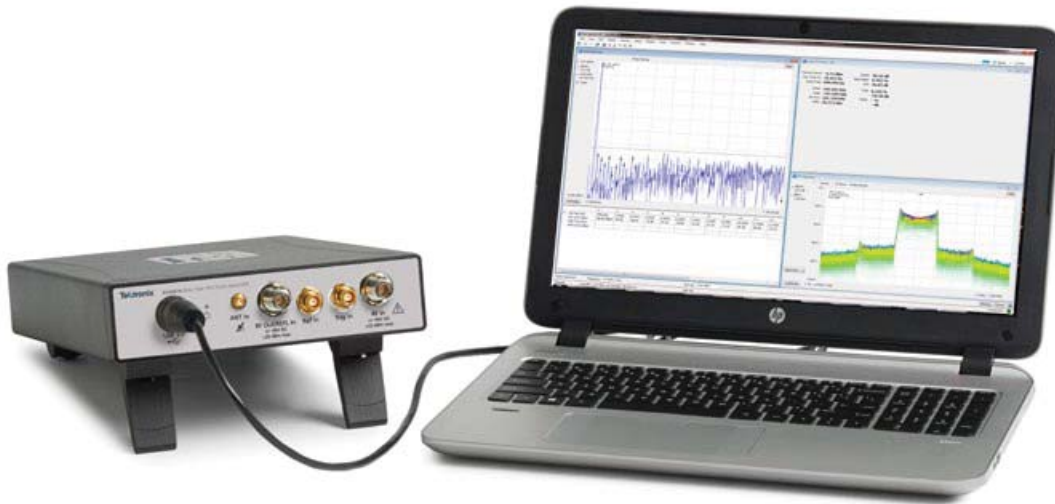


RSA600A Series



30-SECOND SELL

“This high performance USB spectrum analyzer is the tool of choice for advanced EMI Debugging and IoT Wireless Standards compliance. Quickly see signals that no other manufacturer’s spectrum analyzer can find easily, using Tek’s patented DPX technology.”

PRODUCT HIGHLIGHTS

- Frequency range: 9 kHz-3.0/7.5 GHz
- Acquisition bandwidth: 40 MHz
- Spurious-free dynamic range: 70 dB
- Full featured spectrum analysis capability with Tektronix SignalVu PC™ software
- 17 spectrum and signal analysis measurements standard
- Over 15 options for mapping, modulation analysis, standards support, pulse, playback of recorded files, and more
- Tracking generator with gain/loss, cable loss, distance to fault, VSWR options available
- Small Laboratory form factor, power consumption less than 45 W
- Weight: ~6.6 pounds (3 kg)



Wideband modulation analysis.



Smaller than conventional spectrum analyzers.

| MODEL | STOCK CODE | DESCRIPTION | FREQUENCY RANGE | CAPTURE BANDWIDTH | SPURIOUS FREE DYNAMIC RANGE | MINIMUM SIGNAL DURATION FOR 100% PROBABILITY OF INTERCEPT |
|---------|------------|--|-----------------|-------------------|-----------------------------|---|
| RSA603A | NIC | Laboratory real time USB spectrum analyzer | 9 kHz - 3.0 GHz | 40 MHz | -70 dBc | 100 μ s |
| RSA607A | NIC | Laboratory real time USB spectrum analyzer | 9 kHz - 7.5 GHz | 40 MHz | -70 dBc | 100 μ s |

RSA600A Series

INSTRUMENT OPTIONS

| | | |
|--------|---|-----|
| OPT 04 | Tracking Generator: 10 MHz – to maximum range of instrument | NIC |
|--------|---|-----|

SIGNALVU-PC LICENSES*

| | | |
|-------------|---|-----|
| SVMxx-SVPC | General purpose modulation analysis, 27 modulation types including Zigbee | NIC |
| SV26xx-SVPC | APCO P25 phase 1 and 2 measurements | NIC |
| SV28xx-SVPC | LTE FDD and TDD BTS power and BTS ID | NIC |
| SV54xx-SVPC | Signal Classification/Survey | NIC |
| SV56xx-SVPC | Signal Playback: Enables playback and re-analysis of recorded R3F files | NIC |
| SV60xx-SVPC | VSWR, Return Loss, Distance To Fault, Cable Attenuation Measurements. Requires tracking generator on your spectrum analyzer | NIC |

RECOMMENDED SERVICE

| | | |
|----|---|-----|
| C3 | Calibration service 3 years | NIC |
| C5 | Calibration service 5 years | NIC |
| R5 | Standard warranty extended to 5 years | NIC |
| D1 | Calibration data report | NIC |
| D3 | Calibration data report, 3 years (with option C3) | NIC |
| D5 | Calibration data report, 5 years (with option C5) | NIC |

Recommended SignalVu-PC application licenses (Floating and node-locked licenses available). Other applications available, see SignalVu-PC data sheet for details.

SHIPS WITH PRODUCT

- AC power cord
- USB 3.0 cable
- SignalVu-PC software and all documentation on USB stick

TOOLS FOR THE CUSTOMER



Data Sheet

FOR MORE INFO VISIT TEK.COM/RSA600

3 Reasons to Buy this Product

- 1 Popular wireless standards support, including Bluetooth and WLAN modules.
- 2 SignalVu-PC software (including EMI pre-compliance package) and API provided at no extra charge. Add on features for Internet of Things with one-button measurements.
- 3 Real-Time Signal Acquisition Display, and Tracking generator option for component characterization.