

Spectrum Analyzers:

Mini Selection Guide

Tektronix

dataTec

Testing and measurement technology.
The experts.



RSA306B:

It might be small, but it packs a big punch. It's loaded with features you'd expect from spectrum analyzers twice the size and twice the price. Perfect for everyday tasks.

↓ Key Features

- Frequency Range: **9 kHz to 6.2 GHz**
- Real-Time Bandwidth **40 MHz**
- Minimum Event Duration for **100% POI 15 µs**
- SFDR (typical) **60 dBc**
- RF Connectors **Type-N**



RSA 500:

With real-time sweeps and a 4x faster scanning capability compared to other spectrum analyzers, you won't miss signals you need to see and complete tasks faster. No compromises for even your toughest challenges.

↓ Key Features

- Frequency Range **9 kHz to 18.0 GHz**
- Real-Time Bandwidth **40 MHz**
- Minimum Event Duration for **100% POI 15 µs**
- SFDR (typical) **70 dBc**



RSA 7100B:

The RSA7100B offers real-time spectrum analysis up to 800 MHz bandwidth and simultaneous streaming of seamless data at full bandwidth. It enables researchers in communications, Radar and Electronic Warfare to create next-generations designs.

↓ Key Features

- Frequency Range **up to 14/26.5 GHz**
- Real-Time Bandwidth **320/800 MHz**
- Minimum Event Duration for **100% 232 ns**
- SFDR (typical) **65 dBc**