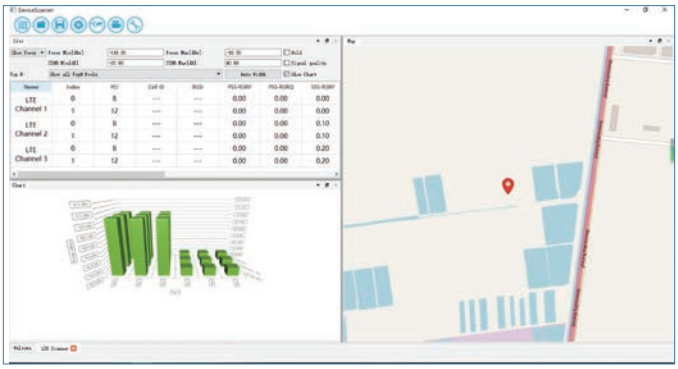
E816 Series
5G NR Scanning Receiver

Key Benefits

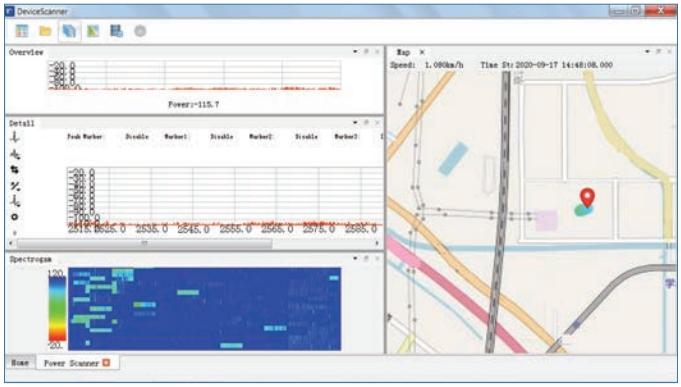
- Frequency range from: 350MHz to 6,000MHz
- Precise planning and design optimization for 5G networks
- PC based post-analysis software
- Spectrum clearing of existing and/or new bands.
- 8 frequency bands can be measured simultaneously
- 4G/5G base station coverage test and maximum 32 frequency points can be tested in parallel.
- Spectrum and 4G/5G base station coverage mapping
- Simultaneous TDD uplink and downlink spectrum testing for easy interference management

Features & Applications

(1) 4G/5G demodulation function: the E816 can demodulate up to 32 frequency points simultaneously with decoded Beam ID, Beam Index, RS-RSRP, RS-RSRQ, and RS-SINR parameters of a compliant base station.



(2) Spectrum Analysis function: the E816 supports measurements up to 8 frequency bands with spectrum trace, spectrogram and channel power for spectrum clearing and interference analysis.



Specifications

	E816-A	E816-B	E816-D
Frequency range	350 MHz to 6,000 MHz		
Demodulations	TDD-LTE，FDD-LTE，5G NR		
Demodulation sensitivity	LTE -136 dBm@15kHz SCS	5G NR -132 dBm@30kHz SCS	
Measurement accuracy	±1.5dB		
Dimensions	E816-A: 262mm x 160mm x 80m (embedded host computer) 10.31 in x 6.30 in x 3.15 in need connect PAD or PC to show results	E816-B: 166 mm x 97mm x 42mm 6.54 in x 3.82 in x 1.65 in need connect PC to run analysis	E816-D: 292mm x 210mm x 82mm (embedded host computer, embedded LCD) 11.50 in x 8.27 in x 3.23 in
Weight	<2 kg; <4.40 lb		