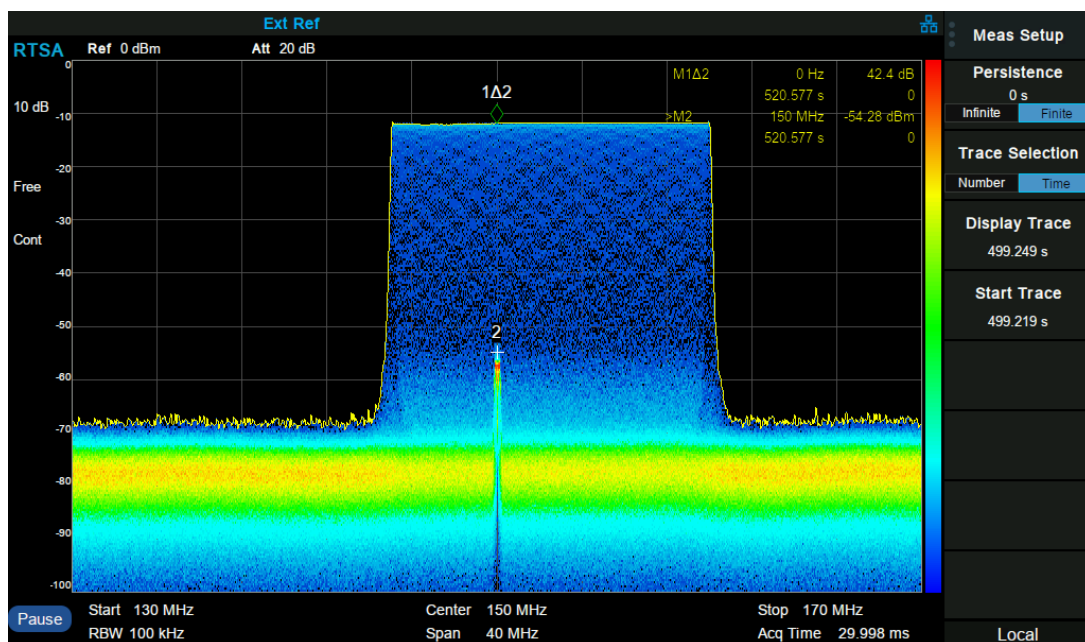# ESA
## EMI SPECTRUM ANALYZER

## PRODUCT OVERVIEW

The ESA spectrum analyzer is a pre compliance EMI test and debugging tool to evaluate emissions performance of your DUT. With the EMI filter, Quasipeak detector and EMI test bandwidth settings, the spectrum analyzer is suitable to take reliable measurements to FCC, CISPR, MIL-STD 461 and other test standards. Remote control interface and software allows for easy data collection, remote monitoring and test sequencing.

The ESA is a general purpose spectrum analyzer as well and can be used for other RF and microwave applications including cellular site, IoT, WiFi, Bluetooth testing as well as an R&D, education and production tool.
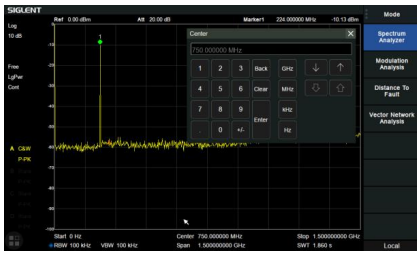
## KEY FEATURES

- Frequency range from 9 kHz up to 3.2 GHz 7.5 GHz
- Built in Preamplifier
- Pre programmed test standards
- Customizable test routines and report generation
- (Multiple) Peak Search functionality
- 10" Color Touch Screen
- 1 Hz - 3 MHz Resolution Bandwidth
- <- 98 dBc/Hz Phase Noise
- < 0.7 dB Total Amplitude Accuracy
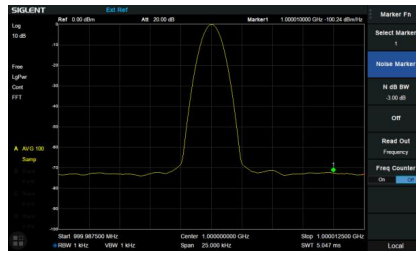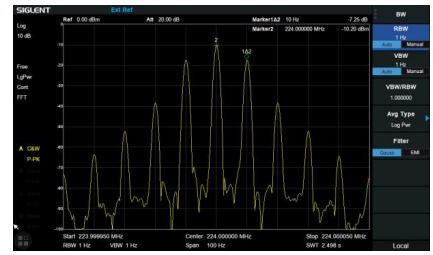- -161 to -165 dBm/Hz Display Average Noise Level

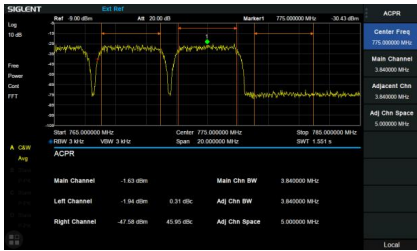## PRODUCT CHARACTERISTICS



Realtime Spectrum Analysis

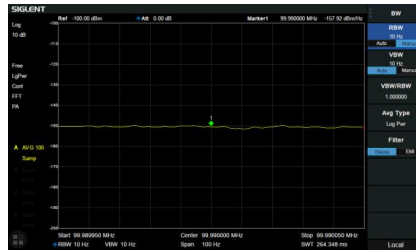**10.1 Inch Display with Multi-Touch Screen**


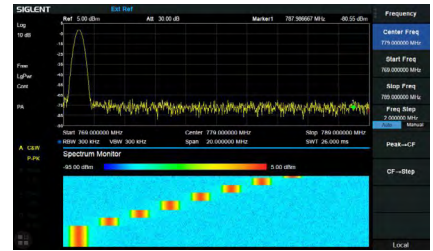**Phase noise <-98 dBc/Hz@1 GHz**
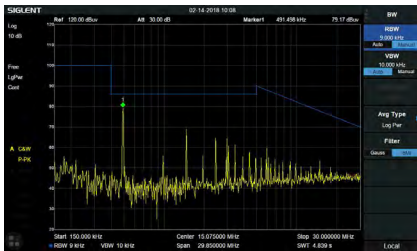

**Minimum 1 Hz Resolution Bandwidth (RBW)**


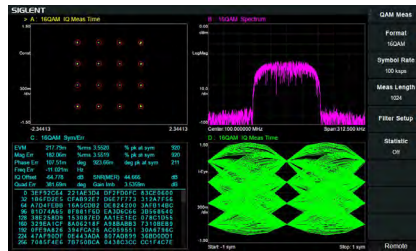**ACPR in Advanced Measurement Kit**


**-165 dBm/Hz Displayed Average Noise Level**


**Monitor in Advanced Measurement Kit**


**EMI Pre-Compliance Test**


**Modulation Analysis Mode**


**Reection Measurement**

## STANDARD ACCESSORIES


**USB Cable**


**Power Cord**


**Quick Start Guide**