

SIGLENT Technologies Expands Bandwidth and Functionality of SVA1000X series Spectrum & Vector Analyzer

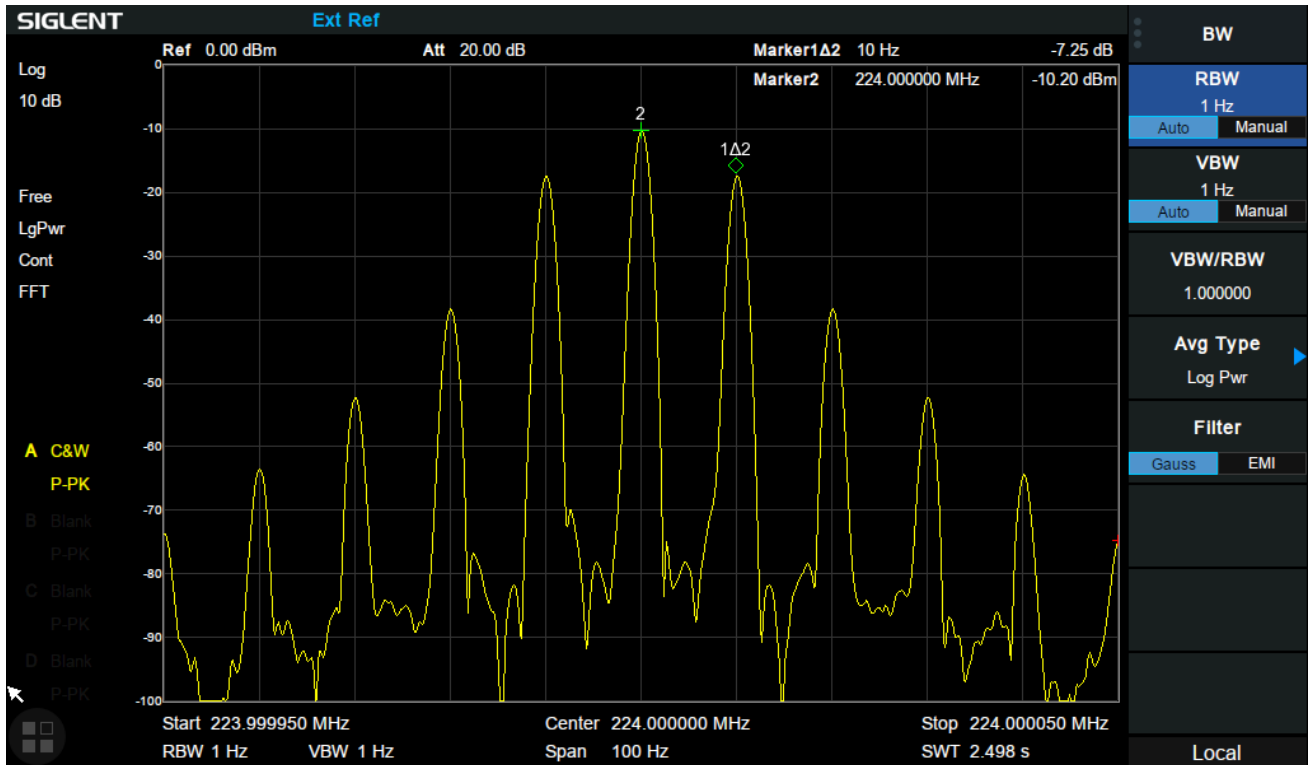
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Siglent introduce the 3.2 GHz model to the SVA1000X series. From now on it is also possible to perform measurements such as antenna matching in the widely used 2.4GHz ISM band. Additionally, with the introduction of the SVA1032X, the vector network analysis function is integrated and enabled as standard for the entire SVA1000X series.

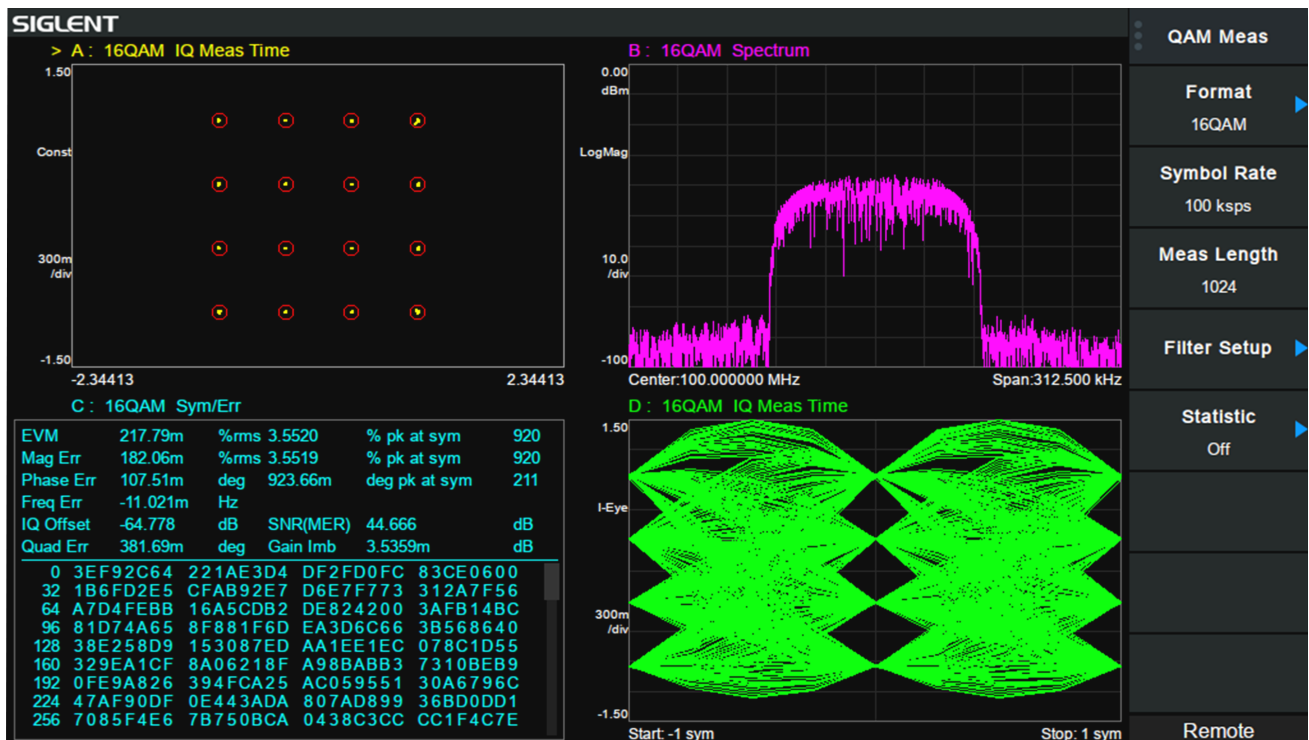


SIGLENT Technologies presents the SVA1032X as a novelty from the product group of spectrum & vector analyzer. Compared to SVA1015X, not only frequency range is extended, but also performance and RF specs. The spectrum analyzer frequency range is 9 kHz – 3.2GHz, vector network analyzer frequency range is 100 kHz – 3.2 GHz. Furthermore, the optional vector network analysis (VNA) function will be included in the SVA1015X model as also standard.

The SVA1032X has excellent RF specifications than competitions. It has -161dBm/Hz DANL, <-98dBc phase noise, <0.7dB total amplitude accuracy and real 1 Hz RBW. With options such as advanced measurements (AMK), EMC-Pre-Compliance (EMC), distance to fault measurement (DTF) together with standard VNA and SA, this product shows powerful measurement capability.



The SVA1032X has a built-in 100 kHz – 3.2 GHz tracking generator and a vector reflect bridge. The newly added harmonic and carrier-to-noise ratio (CNR) measurements are now part of the option SVA1000X-AMK. The SVA1000X-EMI option expands EMI filter bandwidth including 200 Hz, 9 kHz, 120 kHz and 1 MHz. And it also includes the quasi-peak detector defined in CISPR. In addition, the SVA1032X can be equipped with a vector signal analysis function for analog and digital modulations (SVA1000X-AMA/DMA). This can be used, for example, to measure the error vector magnitude (EVM) of PSK, MSK or QAM modulated signals.



The 10.1-inch touch screen, possibility to connect an external mouse & keyboard and the integrated web server make the operation and control easier.



SVA1032X is not only a frequency range extension, but also an upgrade of performance.



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