Tektronix Expands USB Spectrum Analyzer Portfolio with 13 GHz and 18 GHz Models

New RSA513A and RSA518A Address Critical Market Demand for K_u Band Radar and 5G LTE Base Station Testing

BEAVERTON, Ore., July 31, 2018 /[PRNewswire](#)/ -- Tektronix, a leading worldwide provider of measurement solutions, today expanded its RSA500 family of rugged, battery powered USB-based spectrum analyzers with the addition of the [RSA513A and RSA518A](#) offering 13 GHz and 18 GHz frequency range respectively. Along with their higher frequency support, these instruments provide the ability to stream I & Q data for customers to perform analysis consistent with software-defined radio functionality.

Delivering performance and functionality equal to laboratory instruments, the RSA500 spectrum analyzer's small form factor and rugged packaging enable their use for a far wider range of applications. Use cases range from spectrum management applications such as K_u band radar and 5G LTE base station testing to military applications such as like RADHAZ and EMCON monitoring.

In today's crowded RF environment, spectrum analyzer users increasingly need to measure wider bandwidth signals, at higher frequencies, for gapless capture of RF signals. With their unique ability to stream I & Q data out of the instrument, RSA500 analyzers enable both capture and playback of wideband signals for further analysis offline – a largely unmet need in the market, according to [HawkEye 360](#), a developer of satellite-based precision geoanalytic products.

"Many portable spectrum analyzers are well suited for spectral scanning but not as useful for recording since the real-time bandwidth is quite limited. The new Tektronix RSA518A is ideal for both scanning and recording and is a much better value for RF survey deployments," said Chris Gregory, Director of Processing for HawkEye 360.

The RSA500 series leads the industry with 40 MHz of gapless real-time bandwidth, 4X more than other instruments in the category, saving users time when searching for interference and providing more insight during analysis using [SignalVu-PC](#).

"When you look at the broad set of applications these instruments can support and their advanced I & Q streaming capabilities, it's clear we're delivering more than just another spectrum analyzer. With our new 13 GHz and 18 GHz models we've raised the bar on the utility of real-time spectrum analyzer functionality," said Jon Baldwin, general manager Wideband Solutions Business Unit at Tektronix.

Pricing and availability

Available for order now with delivery in 30 days, the RSA513A is priced from $16,500 and the RSA518A is priced from $19,500.

Wondering what else Tektronix is up to? Check out the Tektronix [Bandwidth Banter blog](#) and stay up to date on the latest news from Tektronix on [Twitter](#) and [Facebook](#).

About Tektronix

Headquartered in Beaverton, Oregon, Tektronix delivers innovative, precise and easy-to-operate test, measurement and monitoring solutions that solve problems, unlock insights and drive discovery. Tektronix

has been at the forefront of the digital age for over 70 years. Join us on the journey of innovation at [TEK.COM](TEK.COM).

Tektronix is a registered trademark of Tektronix, Inc. All other trade names referenced are the service marks, trademarks or registered trademarks of their respective companies.

SOURCE Tektronix, Inc.

For further information: Amy Higgins, PR Manager, Tektronix, ahiggins@tektronix.com, 503.627.6497

Additional assets available online: Photos (1)

http://news.tektronix.com/2018-07-31-Tektronix-Expands-USB-Spectrum-Analyzer-Portfolio-with-13-GHz-and-18-GHz-Models