Press release
April 16th, 2015

C.N. Rood/Tektronix secure the sale of 7 high end RSA5015B Real Time Spectrum Analysers for spectrum monitoring.

The RSA5015B's will be used to monitor and manage the electromagnetic spectrum of radio frequencies. The special real time technology employed by the Tektronix RSA5015B allows to search for, and find, violations in the RF spectrum with a speed and ease of use that has never been seen before.

With the explosive growth of wireless devices, the detection and classification of signals in both the licensed and unlicensed spectrum is an ever-growing issue. Whether looking for wanted signals or unwanted interferers, the customer needs the confidence that the spectrum analyser used has 100% probability of intercept in a given frequency range.

New technology

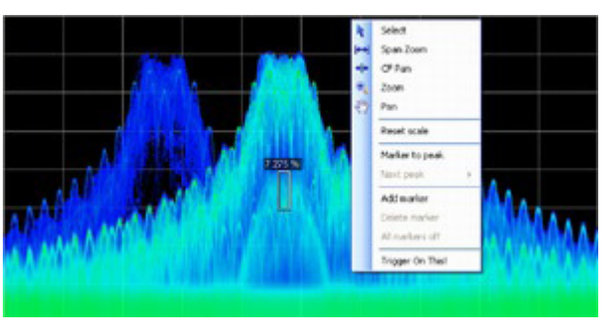
The RSA5000B Series replaces conventional high-performance signal analysers, offering the measurement confidence and functionality for everyday tasks. A +17 dBm TOI and -155 dBm/Hz DANL at 2 GHz gives the user the dynamic range he/she expects for challenging spectrum analysis measurements. All analysis is fully preselected. Thanks to this new technology, the user never has to compromise between dynamic range and analysis bandwidth by 'switching out the pre-selector'.

Don't miss any signal

The RSA5000B Series will help the customer to easily discover signals that other signal analysers may miss. The revolutionary DPX® spectrum display offers an intuitive live color view of signal transients changing over time in the frequency domain, giving immediate confidence in the stability of the signal, or instantly displaying a fault when it occurs. Once a problem is discovered with DPX®, the RSA5000 Series spectrum analysers can be set to trigger on the event, capture a contiguous time record of changing RF events, and perform time-correlated analysis in all domains.

DPX® spectrum processing

The patented DPX® spectrum processing engine brings live analysis of transient events to spectrum analysers. Performing up to 390.625 frequency transforms per second, transients of a



Revolutionary DPX ® spectrum display reveals transient signal behavior that helps you discover instability, glitches, and interference. Here, three distinct signals can be seen. Two high-level signals of different frequency-of-occurrence are seen in light and dark blue, and a third signal beneath the center signal can also be discerned.
The DPX Density™ trigger allows the user to acquire signals for analysis only when this third signal is present. Trigger On This™ has been activated, and a density measurement box is automatically opened, measuring a signal density 7.275%. Any signal density greater than the measured value will cause a trigger event.

minimum event duration of 2.7 µs in length are displayed in the frequency domain. This is orders of magnitude faster than swept analysis techniques. Events can be color coded by rate of occurrence onto a bitmapped display, providing unparalleled insight into transient signal behaviour. The DPX spectrum processor can be swept over the entire frequency range of the instrument, enabling broadband transient capture previously unavailable in any spectrum analyser. In applications that require only spectral information, DPX provides gap-free spectral recording, replay, and analysis of up to 60,000 spectral traces. Spectrum recording resolution is variable from 5.12 µs to 6400 s per line.

Seven RSA5000B's on an Elabo bench, showing views in DPX mode to discover illusive signals, and demodulation analysis screens to look 'into' the signals. On the top row, a new RSA306 USB PC/laptop driven spectrum analyzer can be seen.

About C.N.Rood

C.N. Rood is the leading distributing company in T&M equipment in the Benelux, distributing products from manufacturers like Tektronix, Keithley, Delta Elektronika, Glassman, Exfo, Sumitomo Electric etc.

Beside the sales of instruments, C.N. Rood also offers rental and leasing plans to their customers. Additionally, our local service and support department offers first line repair, training and measuring services.

About Tektronix

For more than sixty-five years, engineers have turned to Tektronix for test, measurement and monitoring solutions to solve design challenges, improve productivity and dramatically reduce time to market. Tektronix is a leading supplier of test equipment for engineers focused on electronic design, manufacturing, and advanced technology development. Headquartered in Beaverton, Oregon, Tektronix serves customers worldwide and offers award-winning service and support. Stay on the leading edge at www.tektronix.com.

Contact for C.N.Rood

Sven De Coster
Product Specialist
Phone: +32 2 467 03 50
sdecoster@cnrood.com

Peter Smit
Corporate Communications Specialist
Phone: +31 793600018
psmit@cnrood.com