

Kaelus Announces Expanded Frequency Range Capability for iVA Series Cable & Antenna Analyzer

Stuart, FL (December 3, 2016) — Kaelus announced today the release of new software changes to the iVA Cable & Antenna Analyzer implementing coverage down to 560MHz. The expansion from 600MHz down to 560MHz will now ensure that all iVA Cable & Antenna Analyzer users will now have the ability to test into the 600MHz spectrum. The frequency range upgrade futureproofs the iVA to cover all major cellular bands, including the new 600MHz spectrum, which is currently being auctioned by the Federal Communications Commission in the US.

“We are pleased to announce the expanded frequency range for the iVA”, said David Quinn, Product Line Director of Test & Measurement. “The ability to test in the 600MHz spectrum gives our customers peace of mind that the iVA will adequately test all scenarios necessary, and is future proof with regard to the new 600MHz spectrum with the quality that Kaelus customers have come to expect.”

The iVA is a rugged, battery-operated module that can be remotely controlled with any Bluetooth-enabled tablet, smart phone or any Kaelus iPA Series PIM Analyzer. The iVA can connect directly to the device under test, eliminating the need for a phase stable cable in most cases. The intuitive software interface enables users to generate and complete test reports on site, eliminating the need for post-site processing. The iVA includes an advanced geo-tagging feature which allows users to plot all test measurements taken (with any “Location” enabled device) and include in the test site report.

Product Features:

- 560-2750MHz frequency coverage
- Reinventing site certification sweep testing, dramatically reducing test time on site
- Directly measure insertion loss and isolation when using multiple iVAs. Measure calculated insertion loss with a single iVA and an RF short
- Accurately measure swept VSWR/return loss and Distance-to- Fault in RF path
- Simple and robust Bluetooth connection to a tablet PC or connect with USB or Bluetooth to a laptop computer
- Connect directly to the device under test; eliminates the need for a phase stable cable in most cases
- Uses the Kaelus customer-proven iPA reporting workflow & tagging features to facilitate a faster, simpler and more efficient workflow
- With the Kaelus iPA controlling the iVA, your RL data can be combined with your PIM data into a single report. Reports are combined and completed on-site with no post-processing required
- Simple to operate, highly intuitive software user interface with the unique ability to generate and complete the test report onsite
- Geotag each test point, insert a Google Maps® snapshot directly into the report
- Handy Spectrum Monitor mode for interference checking
- Software updates are fully automatic for both IOS and Android users.
- For PC users, using the Windows installer R950403-Rev1.6.2-SWARE-IVA_App_Windows.exe software Available from the Kaelus Resource Center

For additional information or to request a quote on the iVA Cable and Antenna Analyzer please contact Kaelus or your Kaelus representative.

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About Kaelus

Kaelus, a Smiths Microwave company, is a recognized leader in test and measurement instruments, cell-site filters, combiners and tower mounted amplifiers. Kaelus was formed in 2010 by the combination of four Smiths entities each with a legacy of excellence in filtering technology. Kaelus continues to provide the telecommunications industry with high-quality, low PIM products that enable effective global communication. For more information, visit www.kaelus.com.

About Smiths Microwave

Smiths Microwave is a leading provider of components, sub-assemblies, antennas and system solutions that test, filter, protect, and process high-frequency signals primarily for defense, aerospace, test and measurement, and wireless telecommunications applications.

As a family of brands, TECOM, TRAK, Millitech, EMC Technology, Florida RF Labs, LORCH, TRAK Limited, Kaelus, PolyPhaser, Transtector Systems, and RadioWaves provide exacting solutions for antenna systems for the military and commercial aerospace, transceivers, frequency sources, timing systems, component applications and a wide range of innovative RF, microwave and surge protection solutions for the wireless telecommunications sector.

Alongside Smiths Connectors and Smiths Power, Smiths Microwave is part of the Smiths Interconnect division of Smiths Group, www.smiths.com, a global leader in applying advanced technologies for markets in threat and contraband detection, energy, medical devices, communications, and engineered components. Smiths Group employs more than 23,000 people in over 50 countries.