

Anritsu Company Partners with Elliptika to Create Microwave Teaching Kit for Engineering Students

— VNA Master™ Handheld Vector Network Analyzer Part of Turnkey Solution Developed Exclusively for Education Community —

Morgan Hill, CA – June 2, 2014 – Anritsu Company, a global leader in microwave and RF test solutions, announces a partnership with Elliptika to create *Eductika*, an original and innovative microwave teaching kit for students at colleges and universities. Anritsu’s VNA Master™ series of handheld vector network analyzers is part of the complete turnkey solution that can be used by professors to teach the fundamentals of RF and microwave technologies.

“The explosion of RF and microwave technologies due to the multiplication of wireless services places a great deal of importance on engineering students understanding what happens when digital signals transport data via RF technology. *Eductika* integrates the compact Anritsu VNA Master family into an innovative solution that allows students to learn – through a hands-on environment – the fundamentals of the theory, simulation, implementation and measurement of RF technology. Professors now have a turnkey solution that uses a modern approach that fully corresponds to methods and tools used by the industry,” said Dave Bolan, product marketing manager for Anritsu handheld instruments.

Aimed at teaching fundamentals, *Eductika* microwave training kits contain basic sub-sets of microwave passive components and the Anritsu VNA Master. Engineering students will use the kits to learn the physics of microstrip lines, impedance matching devices, measurement and synthesis of elementary functions (coupler, power divider, band- and low-pass filters, SC and OC stub filter, transistor, patch antennas, etc.), as well as functions of higher complexity based on these elementary functions. Students will become familiar with conventional microwave devices developed in planar technology, as well as learn about mathematical synthesis tools and issues in relation with the measurement of these devices.

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Eductika allows students to entirely or partially build passive microwave functions from basic puzzle elements. This very complete puzzle game consists of microstrip line sections identified from their impedance and length that are simply linked by a connecting item, e.g. T-junction, cross junction, or direct connection between two lines.

Elliptika developed the *Eductika* microwave training kit to better prepare students for the evolving wireless market, especially the microwave segment. It is dedicated to students in electronics and academic teaching staff but is also beneficial to technicians and engineers. Training kits are tailored towards microstrip passive devices, active devices and antennas.

About Elliptika

Elliptika provides effective microwave solutions on demand (in particular filters and antennas) for defense, civilian companies and research laboratories. By choosing Elliptika as their design partner, customers are in a position to design innovative and cost-effective products by taking advantage of great experience in the professional microwave industry. Elliptika's involvement in research demonstrates its commitment to exploit the latest findings in the field of microwaves and create compelling solutions that bring tremendous value to its customers. In addition to the focus on the RF and microwave design, Elliptika provides didactic kits for education. To learn more, visit www.elliptika.com

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About Anritsu

[Anritsu Corporation](http://www.anritsu.com) has been a provider of innovative communications solutions for more than 110 years. The company's test and measurement solutions include wireless, optical, microwave/RF and digital instruments, operations support systems and solutions that can be used during R&D, manufacturing, installation, and maintenance. Anritsu also provides precision microwave/RF components, optical devices, and high-speed devices for design into communication products and systems. With the addition of OSS monitoring solutions it has expanded its offering to provide complete solutions for existing and next-generation wireline and wireless communication systems and service providers. Anritsu sells in over 90 countries worldwide with approximately 4,000 employees.

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