

Anritsu Ultraportable Spectrum Analyzer EduPack Bundle

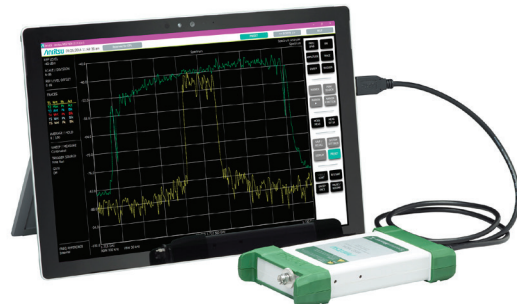
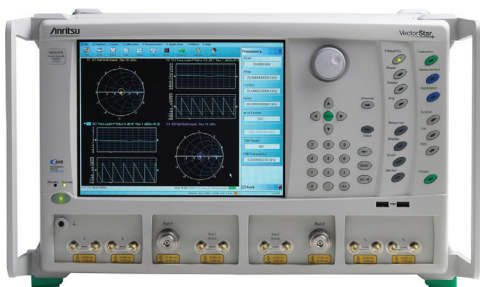
Providing Today's Industry-Leading Technology to Tomorrow's Industry-Changing Engineers



As advancements in the research and development of technologies for both the RF and microwave markets continue, it is important for university engineering programs to provide the curriculum and training on equipment students need to succeed once they graduate. With the increasing utilization of higher frequencies, it is critical that students have a thorough understanding of modern radio frequency and microwave measurements and the use of spectrum analyzers for these measurements.

Anritsu's Ultraportable Spectrum Analyzer EduPack Bundle equips your engineering lab with the essential components your students need to learn and better understand these critical measurements. This bundle comes standard with a VectorStar™ MS4644B 40 GHz vector network analyzer, Spectrum Master™ MS2760A ultraportable spectrum analyzer, active measurement suite, and Cadence AWR lite software.

Anritsu Ultraportable Spectrum Analyzer EduPack Bundle	
Anritsu VectorStar MS4644B vector network analyzer (VNA) providing:	<ul style="list-style-type: none"> Frequency coverage of 70 kHz to 40 GHz Industry-standard Cadence AWR software (lite version)
40 GHz high-precision manual calibration kit	
Active measurement suite (includes: step attenuators, bias tees, direct access loops, and gain compression and efficiency measurement capabilities)	
Time domain analysis for measuring your devices in time domain rather than frequency domain	
IMD measurement wizard that characterizes your amplifiers for various parameters like IMD, TOI, IPn, etc.	
Gain compression measurements to check active amplifier characteristics	
Receiver offset for mixer and scaler measurements	
Spectrum Master MS2760A ultraportable spectrum analyzer	



Integrating High-Performance VNAs with High-Frequency Design Tools

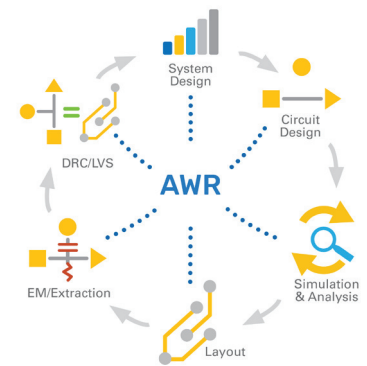
The VectorStar MS4644B VNA is a leading modular solution that provides coverage from 70 kHz to 40 GHz (available up to 220 GHz with a single coaxial test port) covering the most current communication standards including 5G. When coupled with Anritsu's Spectrum Master MS2760A ultraportable spectrum analyzer, this system provides your university's lab with a unique solution that delivers both accurate S-parameter and spectrum analysis measurements.

- **Time and frequency domain measurements** – combine the frequency domain measurement capabilities of a VNA with the time domain capabilities of a spectrum analyzer to measure parameters such as match, interference, analog signal purity, linearity, and other measurements
- **Excellent dynamic range** – enables users to quickly and easily perform accurate measurements and overcome path loss at microwave and mmWave frequencies
- **Upgradeable system** – the VectorStar MS4644B modular design allows you to easily upgrade your system's frequency coverage to 70/110/125/145/220 GHz as your needs and requirements grow

Cadence AWR Software

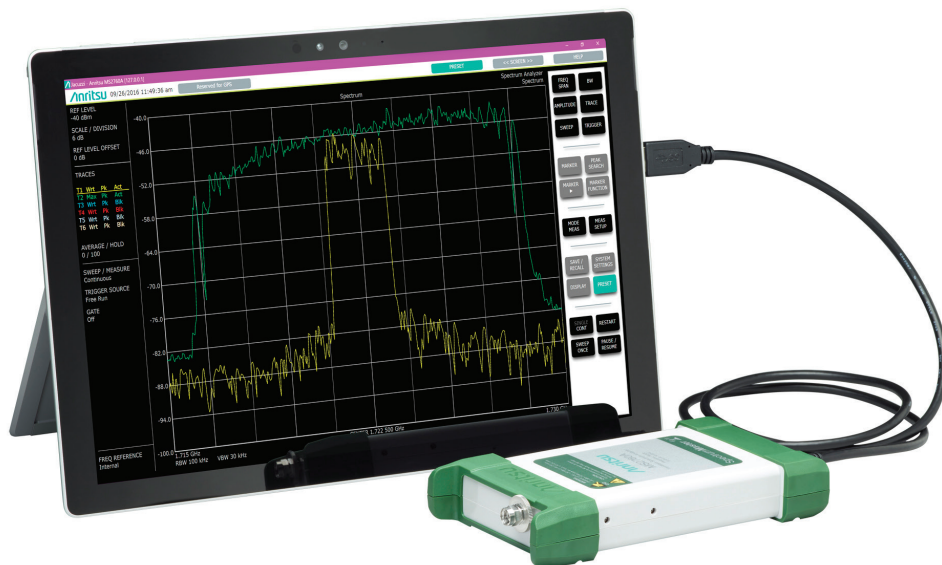
Every VectorStar VNA solution includes a lite version of the industry-standard AWR software, enabling your university's students and staff to leverage a variety of tools for their high-frequency IC, PCB, and module design, including:

- Linear circuit simulators
- Electromagnetic (EM) analysis tools
- Integrated schematic and layout



Spectrum Master MS2760A Ultraportable Spectrum Analyzer

As a foundational element in an engineering curriculum, spectrum analyzers help provide students with a deeper understanding of RF and microwave signals while helping them learn more about how frequency, amplitude, and modulation parameters behave over short and long intervals of time. While benchtop spectrum analyzers have been a steady fixture in engineering labs, Anritsu's Spectrum Master MS2760A ultraportable spectrum analyzer delivers portability and best-in-class price/performance ratio that are unmatched by traditional benchtop instruments. Leveraging Anritsu's patented NLTL technology, these high-performance solutions provide leading dynamic range, sweep speed, and amplitude accuracy, while their small size allows a direct connection to almost any DUT and eliminates the need for low loss, expensive cables. This enables students to achieve more accurate measurements and simulations while simplifying test setups and maximizing their time spent in the lab. Because this portable device is USB-powered and controlled from a Windows-based PC, laptop, or tablet, it is a unique and economical solution that can be easily shared amongst your entire engineering department.



Optimize Your Lab Today for Tomorrow's Future

The Anritsu Ultraportable Spectrum Analyzer EduPack Bundle has the cutting-edge equipment your university's engineering lab needs to help bring your curriculum and research to life. Contact your local Anritsu sales representative to provide your students with the hands-on experience they need to become tomorrow's engineers and your researchers with the tools to discover their next technological breakthrough.

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