

The VNA you can count on, at a surprising price.

Introducing the new TTR500 Series
Vector Network Analyzer.



The newest VNA. The most trusted name.

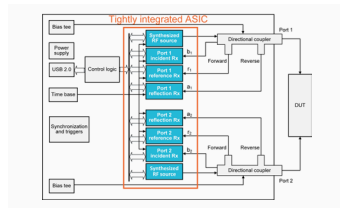
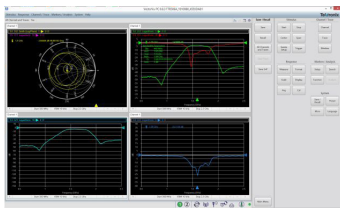
Legendary support and quality meets ease-of-use and affordability. The Tektronix TTR500 Series 2-port, 2-path VNA is our latest breakthrough – an unmatched combination of measurement performance and convenience at 40% lower price than leading benchtop alternatives! Get the power to make everyday measurements with the accuracy and confidence you expect from Tektronix, without breaking your budget.

100 kHz up to 6 GHz
FREQUENCY RANGE

>122 dB
DYNAMIC RANGE

<0.008 dBrms
TRACE NOISE

-50 to +7 dBm
OUTPUT POWER



Better RF performance at a 40% lower price.

The TTR500 Series rivals the leading benchtop competition, at a surprising price! It delivers better RF performance on key parameters like dynamic range and includes a built-in Bias Tee you may have paid extra for in the past. The new TTR500 Series VNAs give you all the capability and performance you need in a 6 GHz 2-port VNA at a price you can afford. Why settle for less.

Breakthrough innovation delivers cost, size and RF performance.

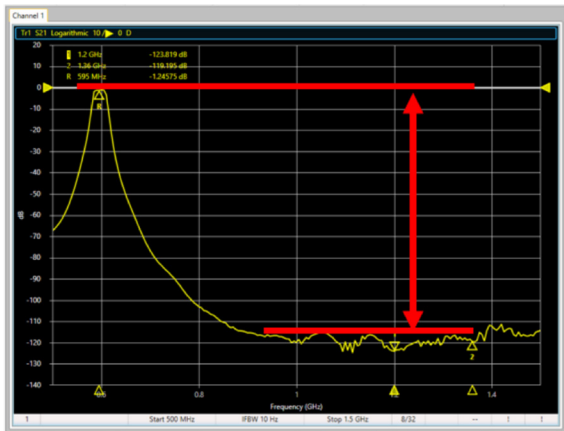
The TTR500 Series tightly integrates six RF receivers and two RF sources into a proprietary ASIC. With its innovative architecture and patented technology, the TTR500 Series achieves the same level of performance as a benchtop VNA, but at 40 percent lower cost and one-seventh the size and weight of units with comparable performance.

Learning Curve? There is none.

It's simple. Our industry-standard interface allows you to spend less time getting up to speed, so you'll have more time to test your design. The VectorVu-PC software delivers a traditional look and feel for controlling and calibrating the instrument with any Windows PC or laptop. For automated test system, programmatic support is offered for common legacy VNAs for easy integration into existing test systems.

Have your own VNA.

Gone are the days of having to roll around a shared VNA. The TTR500's small, compact form factor and low price enables your company to have one on every engineer's bench, improving efficiency and uptime. In education, an affordable VNA allows more students to get hands-on time with standard industry test instrumentation.

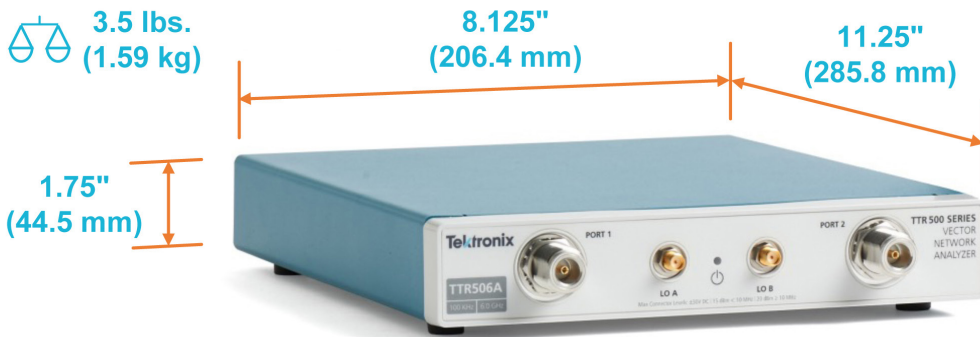


Performance you can count on at unconventional price.

The TTR500 offers industry-leading price and performance. With more than 122 dB dynamic range and less than .008 dBrms trace noise, the TTR500 performance is what is usually found in more expensive conventional benchtop VNAs.

With more than 122 dB of dynamic range, the TTR500 can measure a variety of devices at a wide range of power.

Compact and Transportable: take test where you need it.



Complete line of affordably priced accessories.

Tektronix offers a variety of robust accessories to simplify shopping for the complete VNA solution. Accessories available include a rugged carrying case, rack mount kits, rugged phased-stable cables, attenuators, adapters and calibration kits. See the ordering information section on tek.com/TTR500 for further details.

Key Features

- Full 2-port 2-path S-parameter measurements: S11, S21, S12, S22, available in a variety of formats.
- Industry-standard interface allows you to spend less time getting up to speed.
- Built-in bias tee, accessible on both ports, for conveniently biasing active devices.
- Application programming interface (API) included for Microsoft Windows environments.
- Robust SCPI command interface, compatible with popular existing VNA models, for optimizing code migration.
- Import/export Touchstone files for use with Electronic Design Automation (EDA) simulation tools.
- Offline simulation mode for easy analysis of S-parameter files while disconnected from the instrument.
- Industry-leading three year warranty

MODEL	FREQUENCY RANGE	PORTS	MEASUREMENTS	CONNECTIVITY	SOFTWARE
TTR503A	100 KHz to 3.0 GHz	2-ports, Type-N female connectors	Two-port, two-path S-parameters (S11, S12, S21, S21,) and related measurements	USB2.0	VectorVu-PC™ software: requires Windows® 7/8/10, 64-bit.
TTR506A	100 KHz to 6.0 GHz				

Learn more about the TTR500 Series Vector Network Analyzer at TestEquity.com/Tektronix-VNA.

Review the datasheet, watch demo videos, download the VNA Primer, or the S-Parameters poster.

