ROHDE&SCHWARZ
Make ideas real

R&S®ZVL VECTOR NETWORK ANALYZER
The combination analyzer

The perfect choice for

Education	R&D
Maintenance & repair	Manufacturing testing

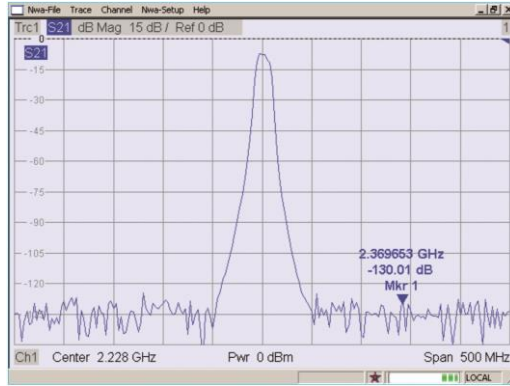| Key specifications	
Frequency range	9 kHz to 13.6 GHz
Number of ports	2 ports, N(F)
Dynamic range (20 MHz to 3 GHz)	up to 100 dB (spec.)
Output power	up to –5 dBm
IF bandwidths	10 Hz to 500 kHz
TOI (spectrum analysis)	typ. + 12 dBm

Portable network analyzers with optional spectrum analyzer in one unit

The R&S®ZVL is a cost-efficient, portable network analyzer in the economy class that is ideal for use in development, production and service. It combines the functions of a network analyzer and spectrum analyzer in a single box and will tremendously increase your work efficiency.
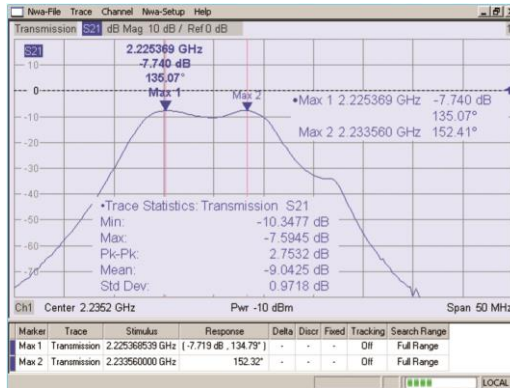
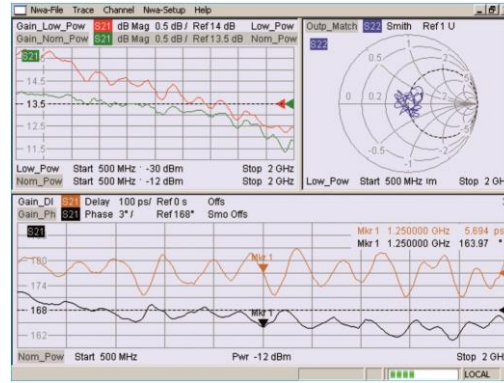| Your benefit	Features
2-in-1 instrument	The R&S®ZVL lets the you add a spectrum analyzer option so you have just one box, but two instruments.
75 Ω Testset	The R&S®ZVL-75 has 75 Ω connectors, which is what you need for TV/CATV measurements.
Small, compact and portable	Weighing only 7 kg and being a 2-in-1 instrument, the R&S®ZVL is very compact. With the handle and the battery pack, it can be carried around easily and be used even if there is no power outlet nearby.

High throughput in production

Large measurement bandwidths up to 500 kHz and fast synthesizers make for short measurement times and high throughput in manual tuning and automated production sequences.

Multitrace display for faster DUT characterization

Several traces can be combined in diagrams and assigned to different measurement channels.

Easy and intuitive operation

Context-sensitive help, including detailed description of the active function and display of the associated remote-control commands, supports even untrained users and simplifies programming.

Ordering information

Description	Item
Spectrum analysis	R&S®ZNLx-B1
Distance-to-fault measurements	R&S®ZNL-K3
Time domain analysis (TDA)	R&S®ZNL-K2
Power sensor support [1]	R&S®FPL1-K9
AM/FM/φM measurement demodulator [1]	R&S®FPL1-K7
Application firmware for noise figure and gain measurements [1]	R&S®FPL1-K30
GPIB interface	R&S®FPL1-B10
Additional interfaces [1]	R&S®FPL1-B5
DC power supply, 12 V to 28 V	R&S®FPL1-B30
NiMH battery pack 4.5 Ah [2]	R&S®FPL1-B31

[1] Requires the R&S®ZNLx-B1 option.
[2] Requires the R&S®FPL1-B30 option.