------NEW Wireless Antenna analyzer using Bluetooth technology--------*miniVNA PRO*

The new ***miniVNA PRO***, the big brother of the well-known ***miniVNA***, is an extraordinary and unique handheld vector network analyzer that makes available a multitude of new features and capabilities which are perfect for checking antennas and RF circuits for hams and commercial users. Together with your PC/Laptop, you can add to your laboratory the further advantages of having this first-class VNA instrument.

This is the first world's wireless analyzer able of scanning and sending the data using an integrated Bluetooth module to a remote PC/Notebook up to 100 meters from the ***miniVNA PRO****'s* location. This makes real-time antenna setup easy!

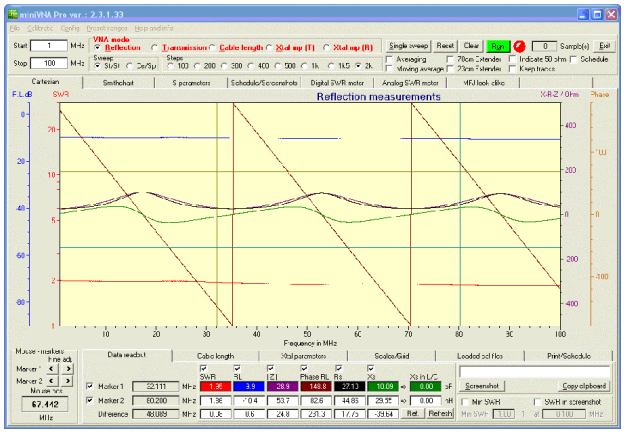
Features:

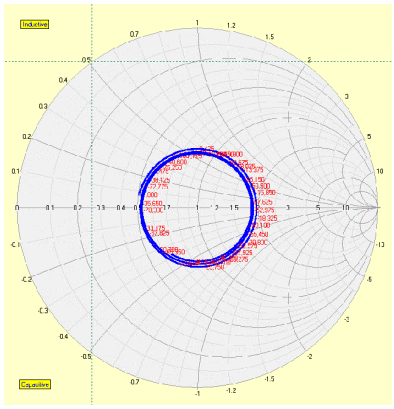
- Frequency range 0.1-200 MHz
- Calibration using open-short-load for accurate results
- Range of Z from 1 to 1000 ohm
- Two ports VNA with S11 and S21; displayed and save results
- I/Q DDS Generator with output power of 0 dBm
- Two separate RF output I/Q for SDR experiment and IMD test with independent 0-55 dB attenuator; Phase adjustment resolution of 1 degree
- Built in Bluetooth Class 1 for remote measurements
- Internal Battery Li-ion with 1000 mA/h (4 hours full- scan operation)
- Built-in battery charger (up to 400 mA)
- Accessory port for future optional interfaces and frequency extenders
- Low power consumption, 220 mA @ 3.6 V (analyzer mode using USB port)
- Power save mode
- SMA connectors for better isolation
- Extended dynamic range – up to 90 dB in Transmission & 50 dB in Reflection
- Boot loader for future firmware upgrades
- User friendly interface for PC Windows / Linux and Mac

Specifications may change due to product changes

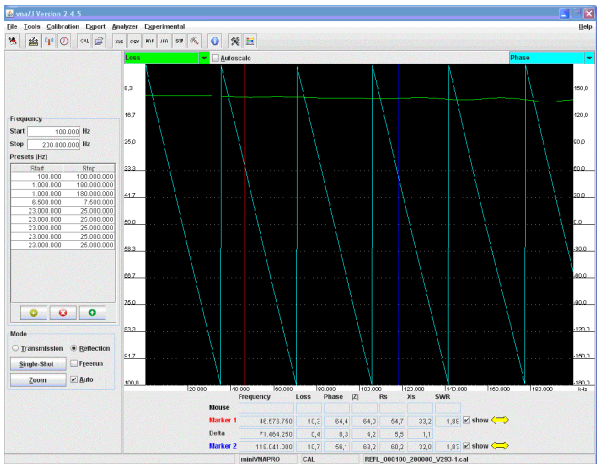
- Integrated Smith chart in software
- Optional extender for UHF and SHF band (under development)
- Mobile Phone software (under development)
- Measurements of motional crystal parameters, cable length, & more
- Export data in several formats – JPEG, EXCEL, ZPLOT, S2P, PDF

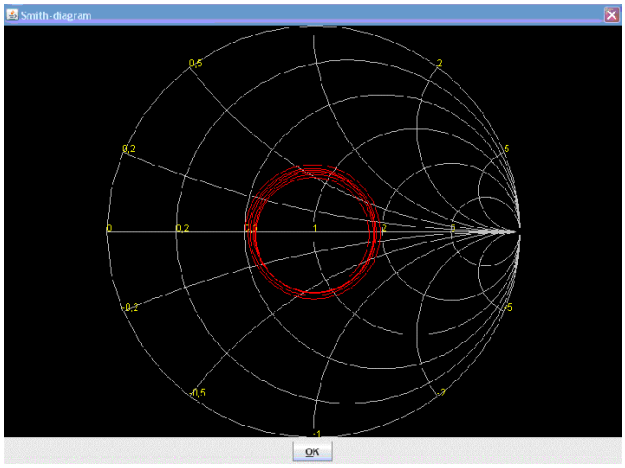
Screenshot from Windows software (developed by Karl Jan Skontorp – LA3FY)

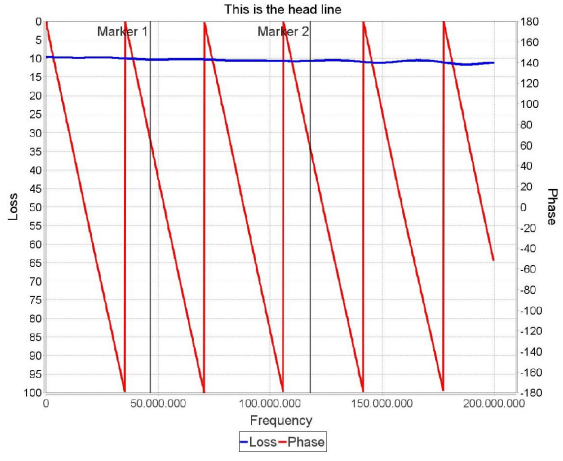




Screenshot from multiplatform OS (JAVA) software (Vna/J developed from Dietmar Krause - DL2SBA)







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