

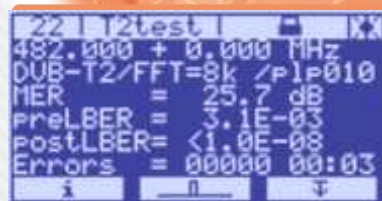
IT-15T2

DVB-T/T2 SIGNAL ANALYZER



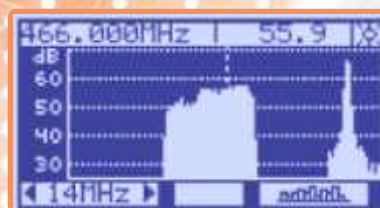
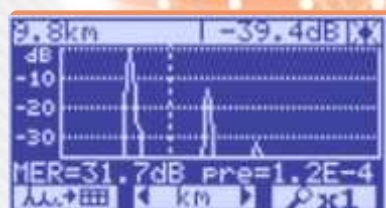
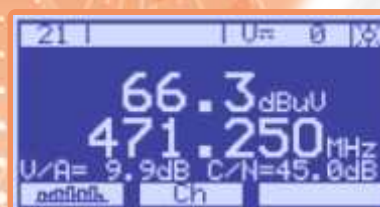
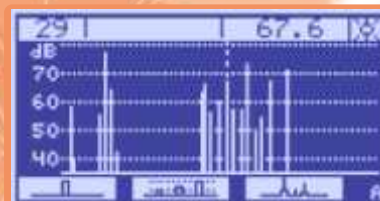
- Supports DVB-T/T2 standards
- 45 to 900 MHz frequency range
- Measurement parameters:
 - Power, MER, BER, constellation diagram;
 - Level, C/N and V/A ratios
- Measurement modes:
 - LEVEL;
 - FULL SCAN and RIPPLE;
 - MER/BER
- Graphic LCD display with LED backlight
- Battery charge and operation powered
- Spectrum analyzer: 14 to 110 MHz span
- Data logger:
 - channel plans & measurements
- Auto determination of modulation type
- USB interface for PC connection
- More than 3 hours battery life
- Ergonomic plastic housing in a rubber boot
- Affordable price
- Reliability and warranty
- Lightweight
- Update the firmware of the Analyzer by the user
- Non-volatile datalogs





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GENERAL FEATURES OF MEASUREMENTS:

- For DVB-T channels: MER, preVBER, postVBER, erroneous packets after Reed-Solomon decoder counter
- For DVB-T2 channels: MER, preLBER, postLBER, erroneous packets after BCH decoder counter
- Sub-modes: Ripple, Spectrum, Constellation and Echo diagram
- Non-volatile data logger: channel plans and measurements
- Powering of antenna amplifier
- The range of voltage measurement at the Analyzer input is from 10 to 100 V

SPECIFICATIONS:

Frequency range	45 to 900 MHz
Level measurement range	30 to 120 dBμV
Level measurement accuracy	±1.5 dB
BER measurement range	1.0E-2 to 1.0E-8
MER for DVB-T	2 to 35 dB or larger
MER for DVB-T2 (QAM256)	22 to 35 dB or larger
preBER for DVB-T	10 ⁻² to 10 ⁻⁶ or larger

MER measurement range	5 to 35 dB
External device powering	5, 12 or 24V
Weight	0.5 kg
Operating temperature range	-10 to +50 °C
postBER for DVB-T	10 ⁻² to 10 ⁻⁸ or larger
preBER for DVB-T2	10 ⁻² to 10 ⁻⁶ or larger
postBER for DVB-T2	10 ⁻⁴ to 10 ⁻⁸ or larger

