

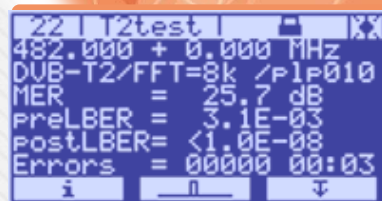
IT-15T2

DVB-T/T2 SIGNAL ANALYZER



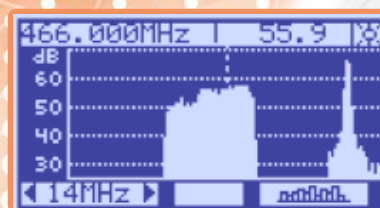
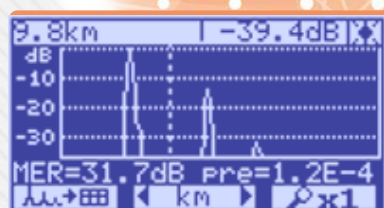
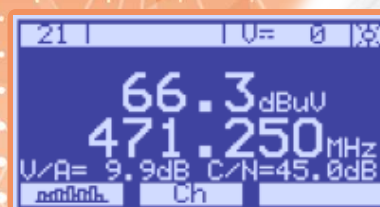
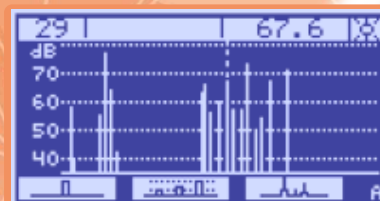
- Supports DVB-T/T2 standards
- 45 to 900 MHz frequency range
- Measurement parameters:
 - Power, MER, BER, constellation diagram;
 - Level, C/N and V/A ratios
- Measurement modes:
 - LEVEL;
 - FULL SCAN and RIPPLE;
 - MER/BER
- Graphic LCD display with LED backlight
- Battery charge and operation powered
- 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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DVB-T/T2 SIGNAL ANALYZER



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 (QAM64) | 22 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 |

