

AT2500-3G DOCSIS 3.X - 4.0

Next Generation Headend Maintenance Test Solution

VeEX's new AT2500-3G is the industry's most complete 3 GHz advanced spectrum analyzer and multi-standards test solution. Incorporating a high-resolution color touch-screen, the AT2500-3G features 3 GHz spectrum analysis, digital channel, VeCheck, MPEG analysis and Ethernet test capabilities. Comprehensive SLM measurements include Single Channel, Fast Full Band and real-time plant level scan, Tilt, Headend Check, and FCC Digital



PLATFORM HIGHLIGHTS

- High resolution color 10.4" touch-screen with graphical user interface
- Remote access and control via Web Browser, VNC® client and ReVeal PC software
- Ethernet LAN management port for remote control, back office applications and workforce management
- Fast and efficient test result transfer to USB memory stick
- Maintain instrument software, manage test setups and channel tables, process measurement results and generate customer test reports using included ReVeal PC software
- EZ-Remote for remote testing/monitoring, assistance and training across Internet connections
- View test results and create detailed reports by region, area, system, and technician, using R-Server centralized management
- Ability to lock user interface to prevent unwanted human interference during long-term testing
- Supports DOCSIS 3.1 test module*

KEY FEATURES

- 3 GHz high sensitivity advanced spectrum analyzer with built in automatic filters for increased dynamic range*
- Superior QAM demodulation capability and excellent BER performance, featuring MER capability up to 47 dB
- Annex A, B, C, DOCSIS 3.1 OFDM Signal Analysis, ISDB-T, DVB-S, DVB-S2
- Subcarrier Scan (patented)
- Fast Full Band VeCheck up to 1.2 GHz
- Real-time Full Band Downstream Level Check
- Multiple trace display with detector selection and enhanced markers for added flexibility
- Comprehensive SLM measurements (Single Channel, System Scan and Tilt)
- MPEG Explorer: QAM channel MPEG-TS analysis*
- QAM Analyzer measurements (MER, Pre/Post BER, Constellation diagram, QIA Analyzer, Histogram and Equalizer on/off mode)
- Advanced Digital measurements (HUM, EVM, Phase Jitter, Symbol Rate Error, Frequency Response, Group Delay)
- FCC Proof of Performance Tests
- Headend Check auto test for the entire selected Channel Table lineup*
- Isolates difficult to locate problems using comprehensive QAM Impairment Analysis