



SLM 1475 All Format RF Signal Analyzer

The SLM 1475 enables today's RF professional to test and analyze a variety of RF signals, including terrestrial (off-air), satellite, and cable signals. The SLM 1475 also provides decoded video and program streams for all in-the-clear channels..

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Applications

Identify interference issues and perform off-air antenna alignment

Quick installation and accurate alignment of satellite antennas including multi-satellite dishes.

Test all CATV system for digital levels, as well as Pre/Post BER and MER.

Ensure system quality with ingress and leakage test capabilities.

Key Features

Terrestrial

- Accurately measures analog and digital signal levels
- Full-color, decoded ATSC video for quick visual quality assurance
- Digital quality measurements including MER, Noise Margin, Pre/Post BER and Average Peak Level

Cable

- Full tuning capabilities from 7-1000Mhz for both analog and digital signals including QAM 64 and QAM 256 Annex B
- Provides accurate signal level measurements, plus signal quality measurement for analog and digital signals including C/N, Pre/Post BER, MER, EVM, and Constellation
- 4" Color video display for quick visual inspection and for easily displaying results to a customer to ensure satisfaction
- Spectral display for efficient visual inspection of all channels, or for identifying signal interference problems on a single channel

Satellite

- Accurately measure analog and digital QPSK for signal level as well as digital quality measurements including noise margin, MER and EVM
- Capable of receiving DSS, DVB-S, DVB-S2, QPSK and 8PSK digital signals and measuring Noise Margin, MER, EVM and BER
- Pre-programmed satellite and transponder channel plan for ease of use
- Exclusive "Sat Finder" feature for quick satellite discovery and dish alignment

SLM 1475

All Format RF Signal Analyzer

Analog and Digital TV, FM Radio, QAM and Satellite Signal Analyzer

Frequency Range: TV: 4 to 1010 MHz
(FM band included)
Sat: 930-2150MHz

Digital Modulations Types: QPSK - 8PSK - 8VSB - QAM

Measurement Capabilities

Analog TV: Field Level
Video Peak Level
Audio Peak Level
Video/Audio Level Ratio

Digital TV: Channel Power
Pre-Viterbi and After-Viterbi BER
MER
SNR
Constellation

CATV(QAM): Channel Power
MER
C/N
BER

FM Radio: Field Level
Analog Satellite: Field Level
Digital Satellite: Channel Power
Pre-Viterbi and After-Viterbi BER
MER
EVM

Complementary/Common Measurements: Noise Margin
Signal Automatic Quality Test
RF Spectrum Analysis

MPEG-2 Special Functions: Bouquet ID identification
Modulation parameters identification
Service encryption status indicator
Encryption/CA system detection
Bouquet Service List with Audio
Video associated PID table

Audio Special Functions: Analog TV, FM and FM Radio Audio playback

TV Special Functions: TV Auto seek& store
TV Channel Surfing
Antenna pointing aid (Digital) device: buzzer
Bar Scan display
Signal level comparison (tilt) between two users-defined channels
Ingress
Leakage

SAT Special Function: Exploring Satellite
Exploring Transponders (SAT)
LNB S.C.R. Driver
DiSEqC Motors Driver
Dual LNB Dish Alignment
"SAT finder" Function
DiSEqC Standard



DC out at RF Feed: 5,12,13,18 and 24V

Main Specifications:

TV Meas: Dynamic range: -55 to 63 dBmV
SAT Meas: Dynamic range: -30 to 63 dBmV
TV measurement accuracy: 2.0 dB
SAT measurement accuracy: 2.5 dB

Signal Tuning/Surfing:

By transponders (measurement and spectrum analysis)
By frequency value
By program
By channel

Memory Plans:

99 total with 199
Transponders per Plan
99 Logger files

Other Features:

Graphic, DOT-matrix LCD (64 x 128)
TFT 4" Color Display
User upgradable Firmware (also via web)
USB 2.0 data connection

Built-in battery operation: 4 Hours

Dimensions:

4.3"h x 10.75"w x 6.3"d

Weight:

5.3 lbs

Since 1951, Sencore has provided our customers with innovative operational, signal monitoring and analysis, and video/audio distribution equipment. Sencore continuously works in close collaboration with our customers to provide solutions for the communications delivery challenges of today and tomorrow. All Sencore products are backed by unsurpassed customer support and responsiveness