MARKETING CHARACTERISTICS

8 GHz - 24 GHz
(OBL-24 only)

Baseband Out
IF Out
Aux Control Port
Aux RF In
10 kHz - 8 GHz

Antenna Panel
Control
10 kHz - 8 GHz

Antenna Panel Inputs

USB Port (type-A) for Memory/Keyboard/Mouse
Compact Flash Memory Port
Rubber Grips

DC Power Input (charges battery)

Heavy-Duty Internal Battery

Hand Strap
Soft Function Menu Keys
Power Button
Built-in Speakers

Audio System
Demodulation Types: AM, FM
Filter Sizes: 800 kHz, 200 kHz, 12.5 kHz, 6.25 kHz, 2 kHz
Subcarrier Filters: 6.25 kHz, 12.5 kHz, 200 kHz
Headphone Output (low leakage headphones included)
Built-in Speakers

Video System
Formats: NTSC, PAL, SECAM
Demodulation: AM, FM
Filter Sizes: 12.75 MHz, 6.375 MHz
Subcarrier Filters: 6.25 kHz, 12.5 kHz, 200 kHz

Antenna System
Built-in Auto Switching Antenna System
Frequency:
8 GHz Model (OBL-8) = 10 kHz (useable) to 8 GHz
24 GHz Model (OBL -24) = 10 kHz (useable) to 24 GHz

INPUTS/OUTPUTS
Aux RF In:
10 kHz to 8 GHz
IF Out:
25 MHz wide centered at 75 MHz
Baseband Out:
DC – 6 MHz
Expansion:
Aux Control Port for MPP

REMOTE CAPABILITY
Ethernet Port for VNC remote access

USER INTERFACE
Integrated Touch Screen with 8.4" Display
Soft Keys and Rotary Optical Encoder
USB Ports (A type): for peripherals (keyboard, mouse)

POWER SUPPLY
Universal Power Supply included:
100-240 VAC, 50-60 Hz
Removable Battery:
Rechargeable Lithium ion, 4-hour runtime (typical)

EXTERNAL STORAGE CAPABILITY
Compact Flash (CF) Slot
USB-A Port

MECHANICAL
Dimensions:
11.5 in x 13.2 in x 3.0 in (29.2 cm x 33.5 cm x 7.6 cm)
Weight with Battery:
9.6 lbs (4.4 kg)

Case Dimensions:
5.5 in x 14.9 in x 19.5 in (14 cm x 37.8 cm x 49.5 cm)
Loaded Case Weight:
21.0 lbs (9.5 kg)

Operating Temperature:
0° C to +50° C

OSCOR® ADVANTAGES

FULL 24 GHz COVERAGE
Sweeps from 10 kHz to 24 GHz at 12.2 kHz steps
in less than 1 second with integrated auto-
switching antenna system

TRACE ANALYSIS
Compare peak traces to identify RF energy unique to specific environments

COMPLETE PACKAGE
Easily locates RF signals
Portable design minimizes set up times when moving from site to site

TRAINING BY REI INSTRUCTORS
REI operates the largest commercially available TSCM training facility in the world.
On-site training also available.
Course dates and registration online at www.reiusa.net or email sales@reiusa.net
The OSCOR Blue is a portable spectrum analyzer with a rapid sweep speed and functionality suited for detecting unknown, illegal, dietary, and anomalous rogue transmissions across a wide frequency range. This capability makes the OSCOR Blue an ideal product for:

- Site Surveys for communications systems (all towers, microwave links, etc.)
- RF emissions analysis
- Wireless service providers and installers
- Evaluating communication channel utilization
- Investigating misuse of the crowded RF spectrum
- Security surveys for unauthorized or illicit transmissions

### Patented Trace Analysis for Rapid Signal Detection

The size, speed, and portability of OSCOR Blue are important, but its trace analysis functionality adds dimension by providing full analysis of trace data on-board. Perform trace analysis on-screen without the need for a laptop. Functional features of the Trace Analysis software and easy navigation contribute to OSCOR Blue’s efficient sweep performance.

- **DISPLAYS 24 GHz OF LIVE TRACE DATA PER SECOND AT 1.2 kHz Resolution.**
- **QUICKLY DETECTS LOCALIZED RF ENERGY TRANSMISIONS OF ALL TYPES OF MODULATION**
- **DETAILED ZOOM MODE INVESTIGATES AND ZOOMS IN ON SIGNALS IN THE SPECTRUM WITHOUT INTERRUPTING FULL SPECTRUM PEAK TRACE CAPTURE.**
- **PATENTED TRACE ANALYSIS is built into functionality. Reference and target traces are quickly captured, stored, and compared for complete RF Mapping solution.**

#### Trace Data Recorder

The Trace Data Recorder collects trace data for long periods and stores it in a waterfall like that the OSCOR Blue can recall and review on-screen. Intermediate peak traces are stored at a minimum of 5 second intervals with a spectrum resolution of 1.2 kHz. The intermediate peak hold trace is saved while sweeping at 24 GHz per second.

#### Real Time Raster Display

Provides short term waterfall view from real time receiver traces for quick analysis.

#### Persistence Display

Persistence view displays a waterfall like view with varying color brightness based on the persistence of signals. This provides the ability to determine if multiple signals occupy the same frequency bands.

#### Signal List Generation

The OSCOR Blue collects peak trace data and then generates a signal list from the peak trace data. Moreover, the OSCOR Blue can subtract a reference trace from its sweep trace, and then create a signal list unique to the target area.

- **SIGNAL LIST GENERATED FROM TRACE DATA**
- **MULTIPLE PASS SIGNAL LIST CREATED IN SECONDS**
- **LOGS INTERMITTENT SIGNALS (burst/packet & frequency hopping)**

#### Signal Analysis and Location

**SIGNALS** are easily located based on range and frequency. The Multi-Purpose Probe plugs into the Auxiliary port for capturing:

1. **NTSC, PAL, SECAM**
2. **AM wideband**
3. **FM wideband**
4. **AM narrowband**
5. **Single Sideband**

### Trace Data Recorder

- **Audio:** 6.25 kHz, 2 kHz
- **Video:** 12.75 MHz, 6.375 MHz

### Contiguous Spectrum Update and Display While Demodulating

- **Audio:** 200 kHz, 15.6 kHz, 6.25 kHz, 2 kHz
- **Video:** 12.75 MHz, 6.375 MHz

### Built-In Suite of Demodulators

#### Audio Demodulators

- PM wideband
- FM narrowband
- Sub-carrier
- AM wideband

#### Video Formats

- NTSC, PAL, SECAM
- Wideband AM or wideband FM demodulation

### Video Demodulation Bandwidths

- **Audio:** 200 kHz, 15.6 kHz, 6.25 kHz, 2 kHz
- **Video:** 12.75 MHz, 6.375 MHz

### Multi-Purpose Probe

- **Carrier Current** between 10 kHz - 150 kHz
- **Cos (F Connect) for single ended and general purpose measurements**
- **50 ohm cable terminators (with) including frequency range from 5 kHz to 2 GHz, CATV** for in-line measurements of cable TV systems
- **RF (700-1100 nm) for detecting infrared signals from 50 kHz to 1 GHz**
- **Microwave Loop for analyzing low frequency spectrum activity from 20 kHz to 20 MHz**

### Directional Antennas

- **Directional response makes locating transmitters easier. The directional antenna is hand-held or can be clipped to the antenna panel.**
- **Range:** 1.5 GHz to 8 GHz
- **Gain:** Approximately 5 dBi

### OSCOR Data Viewer Software

Data Viewer software is a free downloadable PC application that allows users to open, view, analyze, export, print, and save OSCOR files including trace, signal, audio, and spectrum capture files (i.e. waterfall). Download the Data Viewer software at www.reiusa.net.

### Portability

The OSCOR Blue is lightweight (9.6 lbs./4.4 kg), small, and hand-held for easy mobility through target areas while collecting trace data. The built-in antennas and analysis software make it easy to deploy, and quickly capture and compare spectrum data from multiple locations.

### Remote Operation Using VNC

The ethernet port allows remote access to the OSCOR Blue. This functionality offers the ability for users to remotely monitor a sweep in-progress.

### Sweep & Operational Speed

The OSCOR Blue sweeps a 24 GHz span in 1 second in 12.2 kHz steps utilizing multiple built-in antennas. Fast sweep speed and on-board software make the OSCOR Blue easy to deploy, optimizing total operational speed.

CAPTURES COMPREHENSIVE SIGNAL ACTIVITY without missing signals due to limited antenna range or from having to switch external antennas.

#### Built-In 10 dB Pre-Amp

Returns receiver sensitivity.

#### Captures Comprehensive Signal Activity

Captures comprehensive signal activity without missing signals due to limited antenna range or from having to switch external antennas.

#### Complete Integrated Spectrum Analyzer with antennas and analysis software

Complete integrated spectrum analyzer with antennas and analysis software.

#### Multiple Pass Signal List Created in Seconds

2 peak traces into 1

#### Patented Signal List Generation

Using the integrated Auto Switching Multi-Antenna System.

#### Patented Trace Analysis

Using the integrated Auto Switching Multi-Antenna System.

#### PATIENTED TRACE ANALYSIS

Includes Realtime traces to Peak traces to log newly detected signals over time.

#### Persistence Display

Persistence display investigates and zooms in on signals in the spectrum without interrupting full spectrum peak trace capture.

Signal Analysis and Location

**SIGNALS** are easily located based on range and frequency. The Multi-Purpose Probe plugs into the Auxiliary port for capturing:

1. **NTSC, PAL, SECAM**
2. **AM wideband**
3. **FM wideband**
4. **AM narrowband**
5. **Single Sideband**
**SEAMLESS REAL TIME SPECTRUM VISIBILITY**

**Built-in Auto-Switching Multi-Antenna System**

**Sweep & Operational Speed**

**CAPTURES COMPREHENSIVE SIGNAL ACTIVITY**

**BUILT-IN 10 dB PRE-AMP** improves receiver sensitivity.

**Remote Operation Using VNC**

**Portability**

The OSCOR Blue is a lightweight (9.6 lbs./4.4 kg), small, and hand-held for easy mobility through target areas while collecting trace data. The built-in antennas and analysis software make it easy to deploy, and quickly capture and compare spectrum data from multiple locations.

**Sweep & Operational Speed**

The OSCOR Blue sweeps a 24 GHz span in 1 second in 12.2 kHz steps利用 multi-built-in antennas. Fast sweep speed and on-board software make the OSCOR Blue easy to deploy, optimizing total operational speed.

**Built-in Auto-Switching Multi-Antenna System**

1. SEAMLESS REAL TIME SPECTRUM VISIBILITY from 10 kHz to 24 GHz or 10 kHz to 8 GHz (depending on the model) using the integrated Auto-Switching Multi-Antenna System.
2. BUILT-IN 10 dB PRE-AMP improves receiver sensitivity.
3. CAPTURES COMPREHENSIVE SIGNAL ACTIVITY without missing signals due to limited antenna range or from having to switch external antennas.

**Remote Operation Using VNC**

The Ethernet port allows remote access to the OSCOR Blue. This functionality offers the flexibility to remotely monitor a sweep in-progress.

**Patented Trace Analysis for Rapid Signal Detection**

The size, speed, and portability of OSCOR Blue are important, but the trace analysis functionality adds dimension by providing full analysis of trace data on-board. Perform trace analysis on-screen without the need for a laptop. Functional features of the Trace Analysis software and easy navigation contribute to OSCOR Blue’s efficiency in sweep performance.

**DISPLAYS 24 GHz OF LIVE TRACE DATA PER SECOND at 1.2 kHz resolution.**

**QUICKLY DETECTS LOCALIZED RF ENERGY TRANSMISSIONS OF ALL TYPES OF MODULATION**

**DETAILED ZOOM MODE INVESTIGATES AND ZOOMS IN** on signals in the spectrum without interrupting full spectrum peak trace capture. PATENTED TRACE ANALYSIS is built into functionality. Reference and target traces are quickly acquired, stored, and compared for complete RF mapping solution.

**Trace Data Recorder**

The Trace Data Recorder collects trace data for long periods and saves it in a waveform file that the OSCOR Blue can recall and review on-screen. Intermediate peak traces are stored at a minimum of 5 second intervals with a spectrum resolution of 1.2 kHz. The intermediate peak hold trace is saved while sweeping at 24 GHz per second.

**Real Time Raster Display**

Provides short term waveform view from real time receiver traces for quick analysis.

**Persistence Display**

Persistence view displays a waveform with varying color brightness based on the persistence of signals. This provides the ability to determine if multiple signals occupy the same frequency bands.

**Signal List Generation**

The OSCOR Blue collects peak trace data and then generates a signal list from the peak trace data. Moreover, the OSCOR Blue can subtract a reference trace from its target sweep trace, and then create a signal list unique to the target area. SIGNAL LIST GENERATED FROM TRACEDATA. MULTIPLE PASS SIGNAL LIST CREATED IN SECONDS.

**LOGS INTERMITTENT SIGNALS (burst/packet & frequency hopping)**

**Signal Analysis and Location**

**SIGNALS are easily located based on RSSI level change**

**CORRELATION & RANGING**

Locate and identify erroneous signals using the Trace Data Recorder. SIGNAL MATCHES fingerprint traces to peaks to log newly detected signals over time.

**MERGE** combines 2 peak traces into 1.

**Built-In Suite of Demodulators**

**AUDIO DEMODULATORS**

1. FM broadband
2. FM narrowband
3. Sub-carrier
4. AM
5. Single Sideband

**VIDEO FORMATS**

1. NTSC, PAL, SECAM
2. Wideband AM or wideband FM demodulation
3. Video demodulation displayed within screen

**Demodulation Bandwidths**

1. Audio: 200 kHz, 6.25 kHz
2. Video: 12.75 MHz, 6.375 MHz

**CONTINUOUS SPECTRUM UPDATE AND DISPLAY WHILE DEMODULATING**

**Multi-Purpose Probe**

The Multi-Purpose Probe plugs into the Auxiliary port for capturing:

- Carrier Current signals between 10 kHz - 150 kHz
- Coax (F Connector) for single ended and general purpose measurements (75 ohm cable terminators included) with frequency range from 5 kHz to 2 GHz, CATV for in-line measurements of cable TV systems
- UHF Magnetic Loop for analyzing low frequency spectrum activity from 20 kHz - 20 kHz
- IR (700-1100 nm) for detecting line of sight infrared signals from 50 kHz to 1.2 GHz
- VLF (450 - 1100 nm) for detecting visible light transmissions from 50 kHz to 1.2 GHz

**Directional Antennas**

Directional response makes boosting transmitters easier. The directional antenna is handheld or can be clipped to the antenna panel.

Range: 1.5 GHz to 8 GHz
Gain: Approximately 5 dB

**OSCOR Data Viewer Software**

Data Viewer software is a free downloadable PC application that allows users to view, analyze, export, print, and save the OSCOR files including trace, signal, audio, and spectrum capture file (i.e. waterfall).

Download the Data Viewer software at www.rea.net.
The OSCOR Blue is a portable spectrum analyzer with a rapid sweep speed and functionality suited for detecting unknown, illegal, disruptive, and anomalous transmissions across a wide frequency range. This capability makes the OSCOR Blue a useful tool for:

- Site Surveys for communications systems (all towers, microwave links, etc.)
- RF emissions analysis
- Wireless service providers and installers
- Evaluating communication channel utilisation
- Investigating misuse of the crowded RF spectrum
- Security surveys for unauthorised or illicit transmissions

**Built-in Auto-Switching Multi-Antenna System**

Sweep time and on-board software make the OSCOR Blue easy to deploy, optimizing total operational speed.

**CAPTURES COMPREHENSIVE SIGNAL ACTIVITY**

Improves receiver sensitivity.

**Remote Operation Using VNC**

Remote Operation Using VNC easily transfers data to the oscilloscope, allowing users to perform analysis from anywhere. Whether on the go, in-office, or on a laptop, the OSCOR Blue's Rapita software provides quick analysis.

**Patented Trace Analysis for Rapid Signal Detection**

The size, speed, and portability of OSCOR Blue are important, but OSI's trace analysis functionality adds dimension by providing full analysis of trace data on-board. Perform trace analysis on-screen without the need for a laptop. Functional features of the Trace Analysis software and easy navigation contribute to OSCOR Blue's efficient sweep performance.

**DISPLAYS 24 GHz OF LIVE TRACE DATA PER SECOND at 1.2 kHz resolution.**

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**DETAILED ZOOM MODE INVESTIGATES AND ZOOMS IN** on signals in the spectrum without interrupting full spectrum peak trace capture.

**PATENTED TRACE ANALYSIS** is built into functionality. Reference and target traces are quickly captured, stored, and compared for complete RF mapping solution.

**Trace Data Recorder**

The Trace Data Recorder collects trace data for long periods and saves it in a waveform file. The OSCOR Blue can recall and review on-screen. Intermediate peak traces are stored at a minimum of 5 second intervals with a spectrum resolution of 1.2 kHz. The peak-to-peak hold trace is stored when sweeping at 24 GHz per second.

**Real Time Raster Display**

Provides short term waterfall view from real time receiver traces for quick analysis.

**Persistence Display**

Persistence view displays a waveform with varying color brightness based on the persistence of signals. This provides the ability to determine if multiple signals occupy the same frequency bands.

**Signal List Generation**

The OSCOR Blue collects peak trace data and then generates a signal list from the peak trace data. Moreover, the OSCOR Blue can subtract a reference trace from any swept trace, and then create a signal list unique to the target area.

**MULTIPLE PASS SIGNAL LIST CREATED IN SECONDS**

**LOGS INTERMITTENT SIGNALS**

**QUICKLY DETECTS LOCALIZED RF ENERGY TRANSMISSIONS**

**CORRELATION & RANGING**

**DISPLAYS 24 GHz OF LIVE TRACE DATA PER SECOND**

**USB DATA VIEWER SAMPLE**

Users can open, view, analyze, export, and save data files from the oscilloscope.

**Oscilloscope Data Viewer Software**

Oscilloscope Data Viewer Software is a free, downloadable PC application that allows users to open, view, analyze, export, and save data files. The software includes trace, signal, and audio, and screen capture file (e.g. waterfall).

**Download the Data Viewer software at www.reiusa.net.**
| MARKETING CHARACTERISTICS | AUTO SWITCHING ANTENNA PANEL (utilizes 5 independent antennas) | Full 24 GHz Coverage: Sweeps from 10 kHz to 24 GHz in less than 1 second with integrated auto-switching antenna system.

**SPECTRUM ANALYzers**

- **24 GHz Model (OBL-24):**
  - Frequency Range: 10 kHz to 24 GHz
  - Resolution Bandwidth: 25 kHz
  - Sensitivity: -110 dBm with Preamp
  - Sweep Speed: 24 GHz/second at 12.2 kHz steps
  - Preamp: DC-8 GHz = 10 dB
  - Dynamic Range: Min/Max Range: 90 dB
  - SFDR: 80 dB

- **8 GHz Model (OBL-8):**
  - Frequency Range: 10 kHz to 8 GHz
  - Resolution Bandwidth: 25 kHz
  - Sensitivity: -110 dBm with Preamp
  - Sweep Speed: 24 GHz/second at 12.2 kHz steps
  - Preamp: DC-8 GHz = 10 dB
  - Dynamic Range: Min/Max Range: 90 dB
  - SFDR: 80 dB

**Audio System**

- Demodulation Types: AM, FM
- Filter Sizes: 800 kHz, 200 kHz, 12.5 kHz, 6.25 kHz, 2 kHz
- Subcarrier Filters: 6.25 kHz, 12.5 kHz, 200 kHz

**Video System**

- Demodulation: AM, FM
- Filter Sizes: 12.75 MHz, 6.375 MHz
- Subcarrier Filters: 6.25 kHz, 12.5 kHz, 200 kHz

**Antenna System**

- Built-in Auto Switching Antenna System:
  - Frequency Range: 10 kHz (useable) to 8 GHz (8 GHz Model) / 24 GHz (24 GHz Model)
- **Inputs/Outputs**:
  - **Aux RF In**: 10 kHz to 8 GHz
  - **IF Out**: 25 MHz wide centered at 75 MHz
  - **Baseband Out**: DC – 6 MHz
- Expansion: Aux Control Port for MPP

**Remote Capability**

- Ethernet Port for VNC remote access

**User Interface**

- Integrated Touch Screen with 8.4" Display
- Soft Keys and Rotary Optical Encoder
- USB Ports (A type): for peripherals (keyboard, mouse)

**Power Supply**

- Universal Power Supply included: 100-240 VAC, 50-60 Hz
- Removable Battery: Rechargeable Lithium ion, 4-hour runtime (typical)

**External Storage Capability**

- Compact Flash (CF) Slot
- USB-A Port

**Mechanical**

- Dimensions: 11.5 in x 13.2 in x 3.0 in (29.2 cm x 33.5 cm x 7.6 cm)
- Weight with Battery: 9.6 lbs (4.4 kg)
- Case Dimensions: 5.5 in x 14.9 in x 19.5 in (14 cm x 37.8 cm x 49.5 cm)
- Loaded Case Weight: 21.0 lbs (9.5 kg)
- Operating Temperature: 0° C to +50° C

**ADVANTAGES**

- **FULL 24 GHz COVERAGE**
  - Sweeps from 10 kHz to 24 GHz at 12.2 kHz steps in less than 1 second with integrated auto-switching antenna system.

- **TRACE ANALYSIS**
  - Compare peak traces to identify RF energy unique to specific environments.

- **COMPLETE PACKAGE**
  - Easily locates RF signals
  - Portable design minimizes setup time when moving from site to site.

**TRAINING BY REI INSTRUCTORS**

- REI operates the largest commercially available TSCM training facility in the world.
- On-site training also available.
- Course dates and registration online at [www.reiusa.net](http://www.reiusa.net) or email sales@reiusa.net.

**OSCOR Blue**

- Spectrum Analyzer
- Two models available: 24 GHz and 8 GHz
- 8 kHz - 24 GHz
- 10 kHz - 8 GHz
- 8.4 inch (21.3 cm) High Resolution Touch Screen Display with "drag" & "move" controls
- Headphone Jack
- DC Power Input (charges battery)
- Built-In Speakers
- Whip antenna extension connector
- Hand Straps
- Soft Function Menu Keys
- Power Button
- Remote Control
- Numeric Keypad
- Built-in Speakers
- Kensington Lock Slot
- Ethernet Port
- USB Port (type-B)
- USB Port (type-A) for Memory/Keyboard/Mouse
- Rubber Grips
- Ethernet Port (shown with protective port covers removed)
- Rubber Grips
- SMA Antenna Panel Inputs/Outputs
- 8 GHz - 24 GHz
- 10 kHz - 8 GHz
- Antenna Panel Control
- Auto Switching Antenna Panel (utilizes 5 independent antennas)
- Build-in Speakers
- Built-in Auto Switching Antenna System:
  - Frequency Range: 10 kHz (useable) to 8 GHz
  - Preamp: DC-8 GHz = 10 dB
  - Dynamic Range: Min/Max Range: 90 dB
  - SFDR: 80 dB

**Spectrum Analyzer**

- Two models available: 24 GHz and 8 GHz
- Full 24 GHz Coverage: Sweeps from 10 kHz to 24 GHz in less than 1 second with integrated auto-switching antenna system.

**Product Specifications and Descriptions Subject to Change Without Notice. © Copyright Research Electronics International 2018.**
MARKETING CHARACTERISTICS

**FREQUENCY**
- 8 GHz - 24 GHz (OBL-24 only)

**Baseband Out**

**IF Out**
- 25 MHz wide centered at 75 MHz

**Aux Control Port**
- For MPP

**POWER SUPPLY**
- Universal Power Supply included: 100-240 VAC, 50-60 Hz
- Removable Battery: Rechargeable Lithium ion, 4-hour runtime (typical)

**EXTERNAL STORAGE CAPABILITY**
- Compact Flash (CF) Slot
- USB-A Port

**MECHANICAL**
- Dimensions: 11.5 in x 13.2 in x 3.0 in (29.2 cm x 33.5 cm x 7.6 cm)
- Weight with Battery: 9.6 lbs (4.4 kg)
- Case Dimensions: 5.5 in x 14.9 in x 19.5 in (14 cm x 37.8 cm x 49.5 cm)
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- Easily locates RF signals
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**SPRING SPECIFICATIONS**
- Frequency: 5.5 GHz (OBL-5), 8 GHz (OBL-8), 18 GHz (OBL-18)
- Gain: 60 dB continuous, 65 dB peak
- Sweep Bandwidth: 600 kHz
- Measurement Bandwidth: 10 kHz
- Noise Floor: -130 dBm
- Dynamic Range: 100 dB
- SFDR: 80 dB
- Audio System
  - Demodulation: AM, FM
  - Filter Sizes: 800 kHz, 200 kHz, 12.5 kHz, 6.25 kHz, 2 kHz
  - Subcarrier Filters: 6.25 kHz, 12.5 kHz, 200 kHz
- Video System
  - Formats: NTSC, PAL, SECAM
  - Demodulation: AM, FM
  - Filter Sizes: 12.75 MHz, 6.375 MHz
  - Subcarrier Filters: 6.25 kHz, 12.5 kHz, 200 kHz
- Antenna System
  - Auto Switching Antenna System
  - Frequency: 8 GHz Model (OBL-8) = 10 kHz (useable) to 8 GHz
  - 24 GHz Model (OBL-24) = 10 kHz (useable) to 24 GHz
- Input/Outputs
  - Aux RF In: 10 kHz to 8 GHz
  - IF Out: 25 MHz wide centered at 75 MHz
  - Baseband Out: DC – 6 MHz
  - Expansion: Aux Control Port for MPP
- Remote Capability
  - Ethernet Port for VNC remote access
- User Interface
  - Integrated Touch Screen with 8.4” Display
  - Soft Keys and Rotary Optical Encoder
  - USB Ports (A type): for peripherals (keyboard, mouse)
- Sp

### Spectrum Analyzer
- Two models available: 24 GHz and 8 GHz

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