

Ultra-fast RF spectrum monitoring

Purpose of the Monitoring Device is to scan RF spectrum within wide frequency range. The device provides discovered RF signals acquisition and analyze with integrated PC.

Features:

- Portative device in robust case
- RF spectrum management up to 3GHz
- High sensitivity and dynamic range
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- SDR technology
- Integrated powerful PC for device control, RF signal acquisition, saving and analyzing
- Fully automated signals monitoring and saving process
- Modest user interface
- Integrated Battery for DC supply

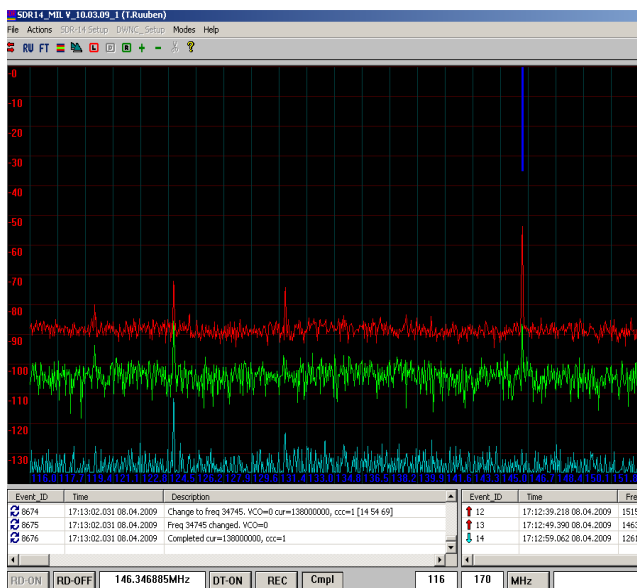
Applications:

- Real time RF spectrum monitoring
- Near field detection
- Wireless network detection
- Personal privacy protection
- High sensitivity and dynamic range
- Localization of threat signals

Specifications:

- Frequency range: 0,1MHz – 3.0GHz
- Antenna input impedance: 50 ohm
- Input signal range: -130dBm ...+10dBm
- Input signal limiter level: +10dBm
- Maximum input signal:
 - CW signal: +37dBm
 - Pulse (1 μ s, duty 0,1%) +50dBm
- Receiver dynamic range 71dB
- Automatically selectable LNA and input attenuator -61dB...+20dB
- Receiver noise factor (NF):
 - 0.1-30MHz 15dB
 - 30-812MHz 4dB
 - 812-3000MHz 7dB
- Scanning speed : 0,7GHz/sec
- Resolution BW 12/6/3kHz
- Separate battery for PC and other units
- Integrated battery charger, 3h charge time
- Weight with carrying frame 12,8kg
- Dimensions: case 420x350x160mm
device with frame 500x350x260mm

Picture 1. Monitoring screenshot



Picture 2. Monitoring device

