

Comparison of Delta X G2 and Delta S

Both systems have many common features:

- Both able to detect all types RF surveillance devices, including analog, digital, working continuously and periodically, transmitting audio or video, with or without encryption.
- Can find and identify covert surveillance devices which use the digital standards GSM, 3G, 4G / LTE, 5G, Bluetooth, Wi-Fi, DECT and others in the range up to 6 GHz
- Spectral analysis provides high sensitivity and a long detection distance, exceeding the performance of typical RF detectors and near-field receivers by 10-20 times
- The background masking feature allows you to reject friendly signals such as television, radio, mobile base stations, etc., and focus on finding local signals that pose a danger
- Can be quickly adjusted to the local frequency allocation in the country of use
- Two antenna inputs and corresponding antennas in the supplied set
- Audio alarm, hold max. danger, demodulation, etc.
- Spectrum, Waterfall, Persistence, etc.
- Logs and alarm history
- Work with, and are powered by, a laptop or tablet
- Both have convenient magnetic system for attaching the laptop / tablet to the main unit

Main differences:

	Delta X G2/6	Delta X G2/12	Delta S
Frequency range	9kHz-6000MHz	9kHz-12000MHz	57 MHz – 6000 MHz
Platform	Spectrum analyzer		SDR
Unit of measurement	dBm (calibrated)		dB (non-calibrated)
Sensitivity	-85 dBm		-85 dBm (+/- 5%)
Time of update (full range)	~3 sec		~0.8 sec
Testing of infrared, wires and low-frequency (multi-function probe)	Yes		No
Logging of signals and alarms 24/7	Yes		Yes
Continuous logging of spectrum 24/7	Yes		Yes
Displaying of Wi-Fi access points	Yes		Yes
Displaying of advertising Bluetooth LE devices	No		Yes

Exclusive features of the Delta S:

- ✓ The Level panel displays the RF environment in a hierarchical way: 1 - monitor the full situation as a whole on the list of bands with bargraphs; 2 - inspect a dangerous band and see the list of signals with bargraphs; 3 - inspect and locate a dangerous signal.
- ✓ Measurement of Wi-Fi channels in the bands 2.4 GHz and 5 GHz. Each channel can be inspected and located separately. Level of each channel is displayed in the list and on the spectrum graph
- ✓ Inspection of Bluetooth. 3 types of Bluetooth signals can be inspected and located separately – Bluetooth, Bluetooth LE and Bluetooth LE Advertising. Advertising BLE devices are detected and displayed in the list and on the spectrum.

- ✓ Rich selection of working modes: All signals, Mobile/GPS trackers, Wireless/ISM, Downlinks/Navigation and Inspect band/signal
- ✓ Automatic recognition of signals in all bands, including Mobile and Wireless/ISM. Each signal can be inspected and located separately
- ✓ Detection of RF jamming – additional bargraph for each band and special warning sound help in detecting and locating the RF signal jamming devices
- ✓ Marking of dangerous signals on the spectrum (the ThreatMarks feature)

Exclusive features of the Delta X G2:

- ✓ Wider frequency range in the lower part of the spectrum (starts from 9 kHz)
- ✓ Model G2/12 has a wider frequency range in the upper part - up to 12 GHz
- ✓ Wider dynamic range thanks to the 14-bit analog-to-digital converter (ADC)
- ✓ Calibrated measurement provides more precise results
- ✓ The multi-function probe gives the operator ability to find the surveillance devices which use the AC, telephone and other lines for transmitting the information outside the premise covertly as well as the infrared transmitters