

Remote Spectrum Analyzers

HF RSA 6000

- **Frequency range:** 10MHz to 6GHz
- **DANL:** -135dBm(1Hz)
- **DANL with Preamp:** -150dBm(1Hz)
- **Max. power at RF input:** +10dBm
- **Lowest sample time:** 10mS
- **Resolution (RBW):** 3kHz to 50MHz
- **Units:** dBm, dBμV, V/m, A/m, W/m², dBμV/m, W/cm² etc.
- **Detectors:** RMS, Min/Max
- **Demodulator:** AM, FM
- **Input:** 50 Ohm N, RF-input (f)
- **Accuracy:** +/- 2dB (typ.)
- **Interface:** USB 2.0/1.1/LAN
- **Dimensions (L/W/D):** 19 inch rack mount
- **Weight:** 3450gr
- **Warranty:** 2 years

Integrated PC:

- **CPU:** Intel Celeron G530 2.4GHz
- **RAM:** 2x2GB SO-DiMM DDR3, 1066MHz
- **HDD:** 320GB (5400rpm)
- **External Ports:** 2x USB 2.0, 2x USB 3.0, 1x Audio, 1x 10/100/1000 Mb/s Ethernet, 1x DVI-I (Analog,Digital), 1x HDMI, 1x eSATA
- **Power supply:** 19.5V (7.9A max.)
- **Operating system:** Linux

Highlights:

- **Exposure limit calculation and display according to DIN/VDE 0848**
- Up to **100x faster sample time** as V3 units
- Up to **60dB higher sensitivity** as V3 units
- **Low noise preamplifier** (option)
- 14Bit Dual-ADC
- DDC Hardware-Filter
- 150 MIPS DSP (CPU)
- Real-time remote control via USB /LAN
- Vector (I/Q) measurement
- Real-time Peak Power Detector (option)
- Audio out for the use of PC based FFT analyzer software
- Very thick (3mm) aluminum housing offering very good screening.
- Free MAC OS, Linux and Windows software



Options:

- Option 020/15dB low-noise preamplifier (included)
- Option 002/high-precision timebase 0.5ppm
- Option 183/Highend PC with Intel i5-2405S, 2.4GHz CPU (instead standard PC)
- Option 185/EMF Monitor Software Web-Interface/Data-Logging Software
- Option 203/6GHz (10MHz up) Realtime Broadband Peak Power Maker
- Option 204/8GHz (10MHz up) Realtime Broadband Peak Power Maker
- Option 205/10GHz (10MHz up) Realtime Broadband Peak Power Maker