

- Performing realtime EMC measurements
- Localization of interference radiation sources
- Estimation of interference field strengths
- **Realtime** verification of shielding and filtering measures
- Identification of faulty components
- Determination of spurious radiation sensitivities

Real-time EMC Bundle 3 (near & far-field)

Images may contain optional accessories

More Information

Details

The Aeronia realtime EMC measurement instrument packages enable EMC diagnostics in a completely new way, even during product design. For example, shielding problems can be localized and the success of countermeasures can be analyzed in real time. This significantly reduces the time and thus also the financial effort in product development.

Patented technology:

Based on a completely new method of spectrum analysis, Aaronia measurement devices enable RF and EMC realtime measurement at a spectacular price.

With a real-time bandwidth of min. 80MHz, unrivaled in its class, finding even extremely short duration interfering signals and their cause is no longer a problem. The determination of frequency and signal strength as well as the simultaneous display of several limit values significantly increases the speed of the measurement. Thus, Aeronia spectrum analyzers contribute decisively to the timely and EMC-compliant development of new products. All SPECTRANs and all antennas are developed, individually manufactured and calibrated at Aeronia in Germany. This guarantees the highest quality standards.

Another highlight is the associated RTSA-Suite PRO software, which uses new, innovative and patented procedures that significantly improve the workflow and evaluation of your measurement data.

Scope of delivery:

- BicoLOG 20100E in a carrying case
- HyperLOG 6080 case consisting of SMA cable, SMA tool and mini tripod/pistol grip
- PBSI case consisting of 5 probes, SMB cable 1m and mini tripod/pistol grip
- SPECTRAN™ V6 PLUS 500XA-6 in a box with power supply, 3 USB cables, USB stick [RTSA suite PRO, instructions].

Device upgrade

Upgrade from SPECTRAN V6 RSA500X to RSA2000X

SKU: 102/003-up

Option 0020

Internal Pre-Amp SPECTRAN V6

SKU: 112/003

Option 0065

Extended Temperature Range -40°C to +75°C

SKU: 112/004

Option 0120

120MHz RTBW for SPECTRAN V6

SKU: 112/005

Option 1245

Extends the Tx data rate from 120MHz to 245MHz (signal generator)

SKU: 112/009

Option 0401

Internal GPS for SPECTRAN V6

SKU: 112/007

Option 6080

SPECTRAN V6 Frequency-Extension to 8 GHz for WiFi 6E

SKU: 112/010

Outdoor Case

Outdoor Case for SPECTRAN V6

SKU: 504/002

Calibration certificate V6

Calibration certificate for SPECTRAN V6 devices (75 MHz - 6 GHz)

SKU: 505/003

Extended calibration certificate V6

Extended calibration certificate for SPECTRAN
V6 devices (10 MHz - 6 GHz, more calibration
points)

SKU: 505/004