Verkotan
Full bars ahead

SAR-TESTING

Radio devices that are used closer than 20 cm to the human head or body must be measured for RF exposure in order to get market access.

Verkotan's laboratories are capable of performing both SAR and RF OTA measurements in the same location. Our customers can ensure that the RF exposure stays in required limits but the device's performance has not decreased too much.

OUR SAR TEST SERVICE INCLUDES:

1. SAR TEST PLANNING
Tests will be prepared by engineers with decades of experience on SAR testing.

2. SAR TEST EXECUTION
Testing is conducted in our top-notch laboratories in Finland

3. SAR TEST REPORTING
High quality reporting with detailed error descriptions is our specialty.

Our SAR-testing capabilities:

- Cellular, Wi-Fi, TETRA, Satellite, UHF & VHF
- Head and body capability
- Measurable frequency range: 30MHz-6GHz
- Signaling and non-signaling modes
- Dielectric parameter validation
- CE and FCC certification

FINAS
Finnish Accreditation Service
T287 (EN ISO/IEC 17025)

We Test According to Following SAR standards

EU

1999/519/EC
EN 50566-2013
EN 50360 (2001) + A1 (2012)

USA

47CFR §2.1093
FCC Published RF Exposure KDB Procedures
ANSI/IEEE C95.1-2005
ANSI/IEEE C95.3-2002

CANADA

RSS-102, Issue 5

AUSTRALIA

Australian Communications and Media Authority (ACMA) (2014)

JAPAN

ABID STD-T56

GLOBAL

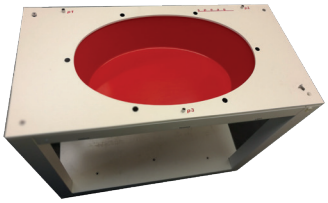
ICNIRP (1998)
IEEE 1528-2013
IEC 62209-1 (2005) EN 62209-1 (2006) YD/T 1644.1
IEC 62209-2 (2010) EN 62209-2 (2010)
IEC/EN 62479 (2010)
IEC 62311 (2007) EN 62311 (2008)

Our Gear

To ensure that your device meets a target market's requirements, our experienced staff uses only the best available technology. Testing is conducted in RF shielded rooms with DASY-based SAR test systems and SPEAG phantoms.

Twin-SAM
SAR test phantom

Modular flat
SAR test phantoms



ELI phantom
fully compatible with
IEC 62209-2

2 DASY 5-based robots
1 DASY 4-based robot

CONTACT US

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