



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EUROFINS PRODUCT SERVICE GMBH
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ELECTRICAL (EMC)

Valid to: September 30, 2012

Certificate Number: 1983.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Electromagnetic Compatibility, Bluetooth, Radio & Wireless and Specific Absorption Rate (SAR) tests:

Tests:

Standard(s):

Emissions

Radiated & Conducted

CFR 47 FCC Part 15 (using ANSI C63.4-2003, C63.4-2009),
FCC Part 18 (using MP-5), FCC Part 2; CISPR 11; CISPR 22;
EN 55011; EN 55022; AS/NZS CISPR 11; AS/NZS CISPR 22;
CISPR 25 (excluding clause 5); CNS 13306;
CNS 13438 (up to 6 GHz); CNS 13439; CNS 13803; ICES 001;
ICES 003; ICES 004; ICES 005; VCCI V-3 (up to 6GHz);
72/245/EWG; ECE R10

Immunity

Electrostatic Discharge (ESD)

EN 61000-4-2; IEC 61000-4-2

Radiated Immunity

EN 61000-4-3; IEC 61000-4-3; ECE R10; ISO 11452-2

Electrical Fast Transient/Burst

EN 61000-4-4; IEC 61000-4-4

Surge Immunity

EN 61000-4-5; IEC 61000-4-5

Conducted Immunity

EN 61000-4-6; IEC 61000-4-6

Power Frequency Magnetic

EN 61000-4-8; IEC 61000-4-8 (excluding short duration mode)

Field Immunity

Voltage Dips, Short Interruptions,
and Line Voltage Variations

EN 61000-4-11; IEC 61000-4-11

Transient Immunity on Supply Lines
and Non-Supply Lines

ISO 7637-2; ISO 7637-3

Bulk Current Injection

ISO 11452-4

*Note: listed 3m chamber and OATS (10m)

Tests:

EMC Product Specific Standards

Standard(s):

IEC/EN 61326-1; IEC/EN 61326-2-1; IEC/EN 61326-2-2; IEC/EN 61326-2-3; IEC/EN 61326-2-4; IEC/EN 61326-2-5; IEC/EN 61326-2-6; IEC/EN 61326-3-1; IEC/EN 61326-3-2; IEC/EN 62052-11; IEC/EN 62053-11; IEC/EN 62053-21; IEC/EN 60601-1-2; RTCA DO-160F (section 21)

EMC of Radio Devices

EN 301 489-1; EN 301 489-2; EN 301 489-3; EN 301 489-4; EN 301 489-5; EN 301 489-6; EN 301 489-7; EN 301 489-8; EN 301 489-9; EN 301 489-10; EN 301 489-11; EN 301 489-12; EN 301 489-13; EN 301 489-14; EN 301 489-16; EN 301 489-17; EN 301 489-18; EN 301 489-19; EN 301 489-20; EN 301 489-22; EN 301 489-23; EN 301 489-24; EN 301 489-25; EN 301 489-26; EN 301 489-27; EN 301 489-28; EN 301 489-31; EN 301 489-32

Bluetooth

Bluetooth RF, Protocol and Profile Conformance Profile Interoperability

Bluetooth Core and Profile Specifications; Bluetooth Test Specifications (including EDR), RSS 210

SAR

EN 50371; EN 50361; EN 50360; EN 50383 (excluding clause 6); EN 50385; ARPANSA RPS 3; Radiocommunications (Electromagnetic Radiation – Human Exposure) Standard; AS 2772.2; IEEE C95.3; OET Bulletin 65, Supplement C; IEEE 1528-2003, IEEE 1528a-2005; IEC/EN 62209; IEC/EN 62311; RSS 102

Radio, Wireless & Mobile Communication

47 CFR Parts 2 (including SAR and MPE), 15, 22, 24, 80, 90, 95; TIA/EIA 603; TIA/EIA-102.CAAA-A; TIA-968-A; TIA-968-B; EN 300 328; RSS Gen; RSS 111; RSS 112; RSS 117; RSS 118; RSS 119; RSS 123; RSS 125; RSS 127; RSS 129; RSS 131; RSS 132; RSS 133; RSS 134; RSS 135; RSS 136; RSS 137; RSS 138; RSS 139; RSS 141; RSS 142; RSS 170; RSS 181; RSS 182; RSS 188; RSS 191; RSS 192; RSS 193; RSS 194; RSS 195; RSS 196; RSS 197; RSS 199; RSS 210; RSS 213; RSS 215; RSS 220; RSS 243; RSS 287; RSS 310; ARIB STD-T66; ARIB STD-T71; ARIB STD-T90; TELEC T-241; EN 301 839; EN 302 195; EN 300 220; EN 300 330; EN 300 440; EN 300 328; EN 301 893; ANSI C63.10-2009; ANSI C63.17-2006

GSM: EN 301 502; EN 301 511; EN 301 419-01; EN 301 419-02; EN 301 419-03; EN 301 419-07; EN 301 489-08; EN 301 420; TS 51.010-01

UMTS: EN 301 489-24; EN 301 908-01; EN 301 908-02; TS 34.121; TS 34.123-01

OTA: CTIA Test Plan for Mobile Station OTA Performance (CTIA-Cellular Telecommunications & Internet Association)



Tests:

Standard(s):

Broadcasting¹

BETS 1; BETS 3; BETS 4; BETS 5; BETS 6; BETS 7; BETS 8;
BETS 9; BETS 11

COSPAS-SARSAT

EN 300 066 (excluding clause 6.3 – 6.12, 10.1); EN 300 121-1

On the following products or types of products:

Information Technology Equipment (ITE), Industrial, Scientific and Medical Equipment (ISM), Automotive Equipment, Telecommunications Equipment

¹ Field testing service is available for this type of testing and this laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

EUROFINS PRODUCT SERVICE GMBH

Reichenwalde, Germany

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 26th day of August 2010.



A handwritten signature in black ink, appearing to read "Peter Mlync".

President & CEO
For the Accreditation Council
Certificate Number 1983.01
Valid to September 30, 2012

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.