



EMC testing

RED testing

Vibration and shock

RF laboratory

Environmental testing



FINAS
Finnish Accreditation Service
T357 (EN ISO/IEC 17025)

Finas accredited testing laboratory T357,
accreditation requirement
SFS-EN ISO/IEC 17025:2017

Scope: <https://www.finas.fi/toimijat/Sivut/default.aspx#k=T357>

EMC, RED and RF TESTING

EMC TESTING, EMISSION

(Partially accredited)

Radiated:

- Test site type: 3m FAR
- Turn table diameter 1.5m
- Turn table load capacity min. 300kg
- Door size 1.2 x 2.4m
- Frequency range 30 ... 6000MHz

Conducted:

- Table top and floor standing modes
- 1- and 3-phase mains measurements
- I/O and data signal line measurements
- Voltage probe method upto 1kV

Voltage tests:

- Flicker and harmonics, 1 and 3 -phase

RED/RF TESTING

(Not accredited)

- Frequency range 100kHz ... 18GHz
- ETSI EN 300 220
- ETSI EN 300 328
- RF reflection/amplification/attenuation

EMC TESTING, IMMUNITY

(Partially accredited)

Radiated:

- Test site type: 3m FAR
- UFA sizes and max. field levels
 - ✓ 80 ... 1000MHz, 1.5x1.5m 10V/m
 - ✓ 80 ... 1000MHz, 0.5x0.5m 20V/m
 - ✓ 1 ... 3GHz, 1.0 x 1.0m 3V/m
 - ✓ 3 ... 6GHz, 0.5 x 0.5m 3V/m

Conducted:

- 10kHz .. 250MHz 10V using CDN's
- BCI
- Clamp injection 10V

EFT, Surge, ESD:

- EFT upto 4.8kV, 1 and 3 phase and IO
- Surge upto 4.8kV, and 3 phase and IO
- ESD: upto 20kV

Voltage tests:

- Voltage interruption and drops
 - ✓ 1- and 3 phase mains
 - ✓ DC supply tests

ENVIRONMENTAL TESTING

(Partially accredited)

VIBRATION AND SHOCK

- Vibration :5 ... 3000Hz, max 100kg
- Shock : max 50g
- Displacement 50mm

TEMPERATURE AND HUMIDITY

- - 40 ... 130 deg/C
- %Rh 10 ... 99

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