

5 TEST CONDITIONS AND RESULTS

5.1 Conducted emission

For test instruments and accessories used see section 7 Part A 4.

Legend for tables:

QP-L ... QuasiPeak reading including correction factor

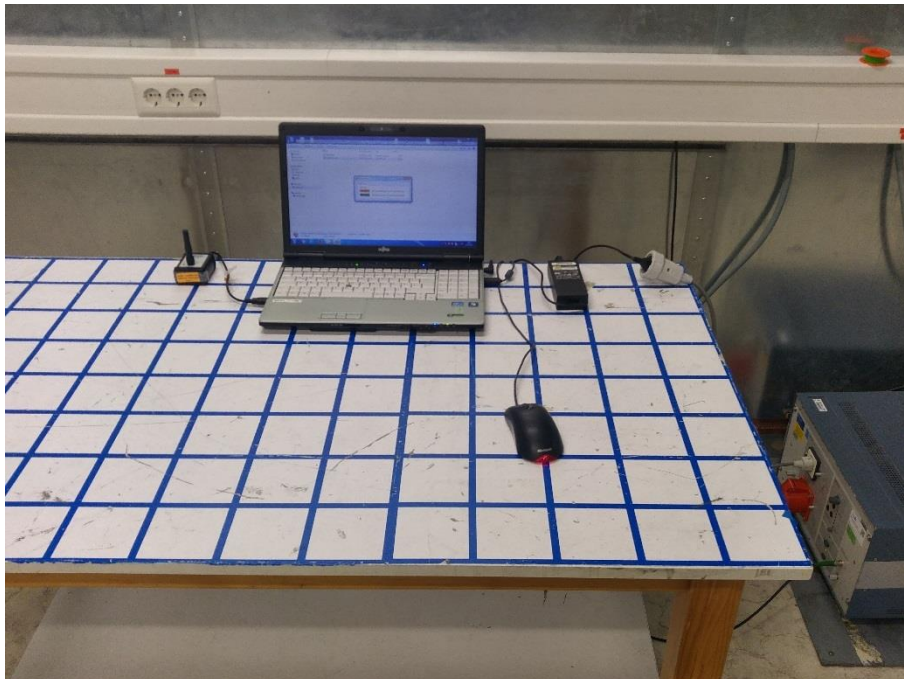
AV-L ... Average reading including correction factor

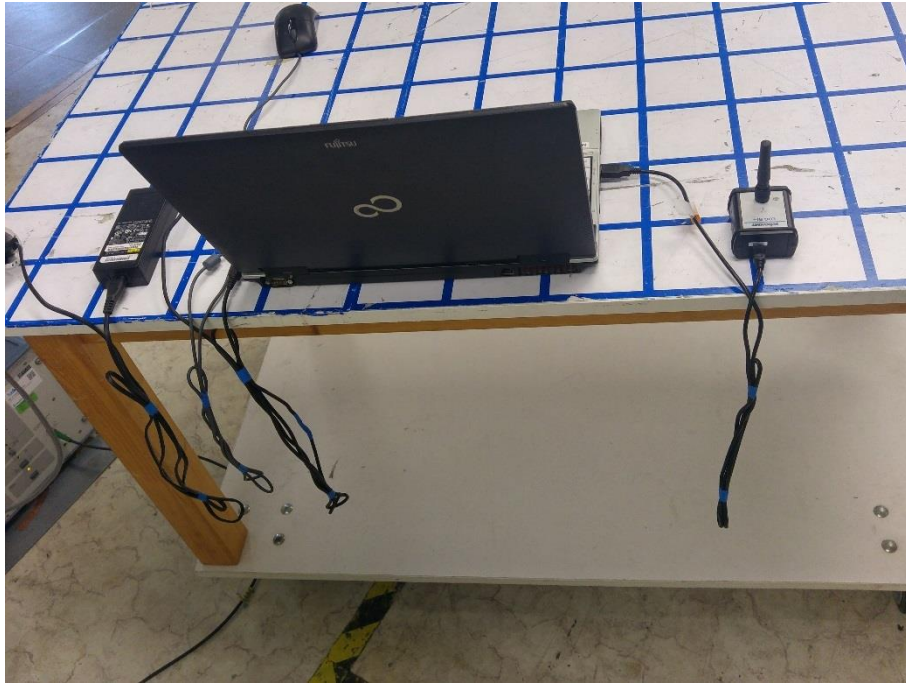
D-Limit... Measured value to limit delta (margin)

5.1.1 Description of the test location

Test location: Shielded Room S2

5.1.2 Photo documentation of the test set-up





5.1.3 Test result

Frequency range: 0.15 MHz - 30 MHz

Min. limit margin >10 dB

The requirements are **FULFILLED**.

Remarks: For detailed results, please see the following page(s).

For description of the measurement see 4.6.3.

5.2 Radiated emission < 1 GHz (electric field)

For test instruments and accessories used see section 7 Part A 5.

Legend for tables:

Level vert. QuasiPeak reading including correction factor for vertically polarised antenna

Level hor. QuasiPeak reading including correction factor for horizontally polarised antenna

Limit Limit referred to the appropriate standard

DLimit... Delta between limit and result (margin)

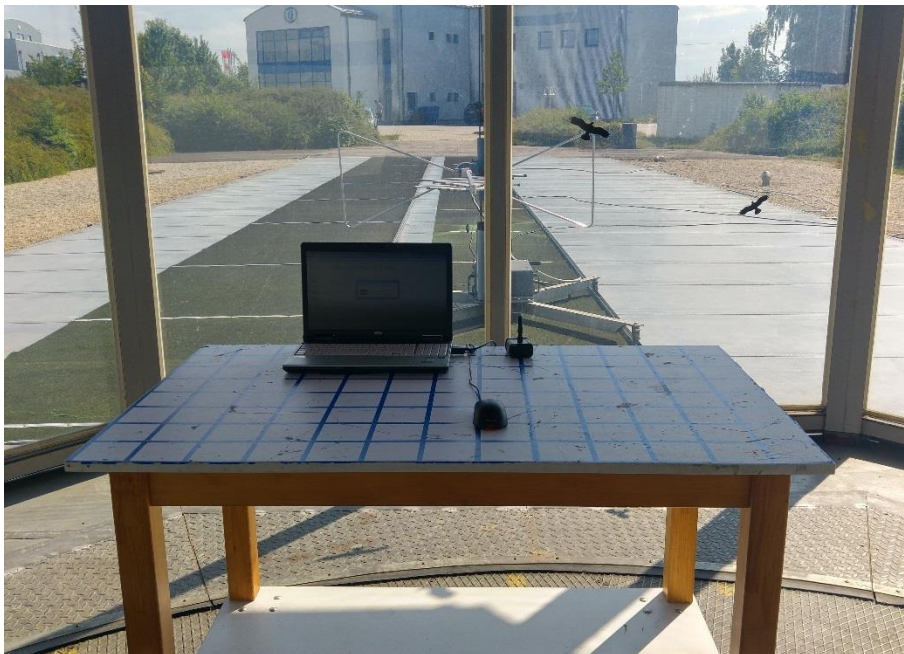
Noise Characteristic of disturbance (narrowband or broadband)

5.2.1 Description of the test location

Test location: OATS 1

Test distance: 3 metres

5.2.2 Photo documentation of the test setup





5.2.3 Test result

Frequency range: 30 MHz - 1000 MHz

Min. limit margin by >10 dB

The requirements are **FULFILLED**.

Remarks: For detailed results, please see the following page(s).

For description of the measurement see 4.6.4.

5.3 Radiated emission > 1 GHz (electric field)

For test instruments and accessories used see section 7 Part SER 3.

5.3.1 Description of the test location

Test location: Anechoic chamber 1

Test distance: 3 metres

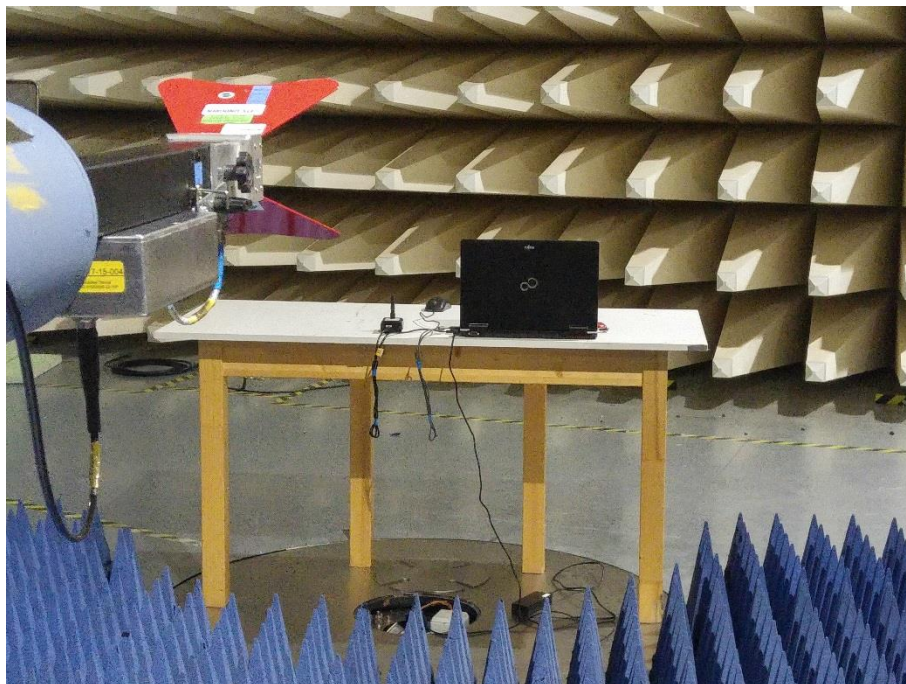
ETS Lindgren 3117:

Dimension of the line tangent to the EUT according to CISPR 16-2-3:2010

Note: The Θ 3dB min values were given by the antenna manufacturer

Frequenz GHz	Θ 3dB min	Measurement distance	w min
1	88	3 m	5.79 m
2	67	3 m	3.97 m
4	69	3 m	4.12 m
6	53	3 m	2.99 m

5.3.2 Photo documentation of the test setup





5.3.3 Test result

Frequency range: 1 GHz - 12 GHz

Min. limit margin 2.2 dB @ 2132.50 MHz

The requirements are **FULFILLED**.

Remarks: For detailed results, please see the following page(s).

For description of the measurement see 4.6.5.

All measurements are performed with a peak detector and fulfill the average limits, therefore no additional measurements where done with an average detector.