



RF - TEST REPORT

- FCC Part 15B / ICES-003 -

Type / Model Name : DePLife

Product Description : Through-wall imaging system

Applicant : MaXentric Technologies LLC

Address : 7590 Fay Ave #301
92037 SAN DIEGO, U.S.A.

Manufacturer : MaXentric Technologies LLC

Address : 7590 Fay Ave #301
92037 SAN DIEGO, U.S.A.

Test Result according to the standards listed in clause 1 test standards:	POSITIVE
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Test Report No. :	80219970-02 Rev0	22. January 2025
Date of issue		



Deutsche
Akkreditierungsstelle
D-PL-12030-01-00

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1 TEST STANDARDS

The tests were performed according to following standards:

FCC Rules and Regulations Part 15 Subpart B - Unintentional Radiators (August 2024)

Part 15, Subpart B, Section 15.107

AC Line conducted emission

Class A device

Class B device

Part 15, Subpart B, Section 15.109

Radiated emission, general requirements

Class A device

Class B device

ANSI C63.4: 2014

Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

CISPR 16-4-2: 2011 + A1: 2014
EN 55016-4-2: 2011

Uncertainty in EMC measurement

ISED Canada Rules and Regulations - Information Technology Equipment (Including Digital Apparatus)

ICES-003, Issue 7, October 15, 2020

AC Power Line Conducted Emissions

Class A device

Class B device

ICES-003, Issue 7, October 15, 2020

Radiated emission

Class A device

Class B device

ANSI C63.4: 2014

Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

2 TEST RESULT SUMMARY

FCC Rule Part	ISED Standard	Description
15.107	ICES-003 3.2.1	AC power line conducted emissions
15.109	ICES-003 3.2.2	Radiated Emissions

Type of test	Test result
Emission:	
A4 Conducted emission (AC mains power / DC power)	passed
A5 Radiated emission (< 1 GHz)	passed
SER 3 Radiated emission (> 1 GHz)	passed

2.1 Revision history of test report

Test report No	Rev.	Issue Date	Changes
80219970-02	0	21 January 2025	Initial test report

The test report with the highest revision number replaces the previous test reports.

2.2 Final assessment

The equipment under test fulfills the requirements cited in clause 1 test standards.

Date of receipt of test sample : acc. to storage records

Testing commenced on : 20 September 2024

Testing concluded on : 20 January 2025

Checked by:

Tested by:

Klaus Gegenfurtner
Teamleader Radio

Franz-Xaver Schrettenbrunner
Radio Team

3 EQUIPMENT UNDER TEST

3.1 Information provided by the Client

Please note, we do not take any responsibility for information provided by the client or his representative which may have an influence on the validity of the test results.

3.2 Sampling

The customer is responsible for the choice of sample. Sample configuration, start-up and operation is carried out by the customer or according his/her instructions.

3.3 Photo documentation of the EUT – Detailed photos see ATTACHMENT A

3.4 General remarks

None.

3.5 Power supply system utilised

Power supply voltage, operating : 3.7 V DC (battery driven)
Power supply voltage, charging 120 V AC

During charging, the EUT cannot be operated.

All tests were carried out with a supply voltage of 120 V, 60 Hz unless otherwise stated.

3.6 Highest internal frequency

Highest internal frequency : 8000 MHz

3.7 Short description of the Equipment under Test (EUT)

The DePLife system is an ultra-wide band (UWB) radar for detecting the presence of life through walls made of modern building materials. The data is transmitted to a smart phone via Wi-fi for remote operation.

Number of tested samples: 2
Serial number: 054
LEW0624DHS0054

3.8 EUT operation mode

The equipment under test was operated during the measurement under the following conditions:

- stand-by: EUT switched on, RF modules deactivated by firmware

- charging mode:

3.9 EUT configuration

The following peripheral devices and interface cables were connected during the measurements:

- USB cable

Model : Commercially available

- DC power adaptor

Model : Samsung EP TA200

Port	Cable	Screening	Transmission	Status	Length
1	---	---	---	---	---

Modifications during the EMC test:

None

4 TEST ENVIRONMENT

4.1 Address of the test laboratory

CSA Group Bayern GmbH
Straubinger Straße 100
94447 PLATTLING
GERMANY

4.2 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature: 15 - 35 °C

Humidity: 30 - 60 %

Atmospheric pressure: 86 - 106 kPa

4.3 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. It is noted that the expanded measurement uncertainty corresponds to the measurement results from the standard measurement uncertainty multiplied by the coverage factor $k = 2$. The true value is located in the corresponding interval with a probability of 95 %. The measurement uncertainty was calculated for all measurements listed in this test report on basis of the ETSI Technical Report TR 100 028 Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 1 and Part 2. The results are documented in the quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

4.4 Conformity Decision Rule

The applied conformity decision rule is based on ILAC G8:09/2019 clause 4.2.1 Binary Statement for Simple Acceptance Rule ($w = 0$).

Details can be found in the procedure CSA_B_V50_29.

4.5 Measurement protocol for FCC and ISED

4.5.1 General information

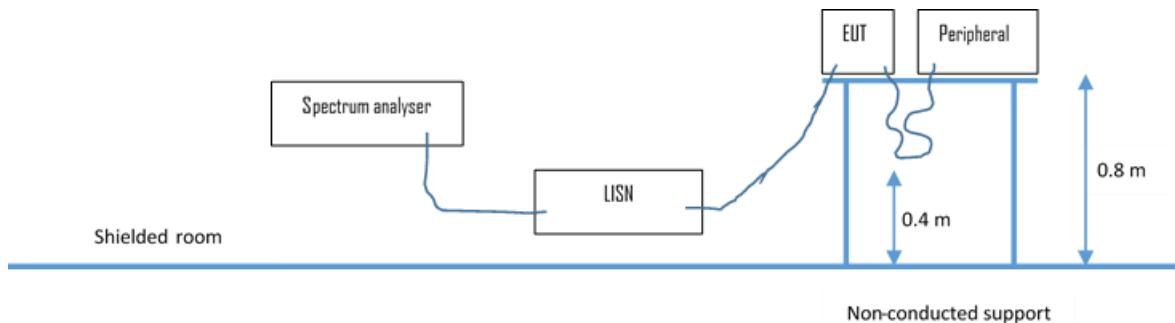
CSA Group Bayern GmbH is recognized as wireless testing laboratory under the CAB identifier:

FCC: DE 0011
ISED: DE0009

4.5.2 Details of test procedures

4.5.2.1 Conducted emission

Test setup according ANSI C63.4



Description of measurement

The final level, expressed in $\text{dB}\mu\text{V}$, is arrived at by taking the reading directly from the Spectrum analyser. This level is compared to the limit.

To convert between $\text{dB}\mu\text{V}$ and μV , the following conversions apply:

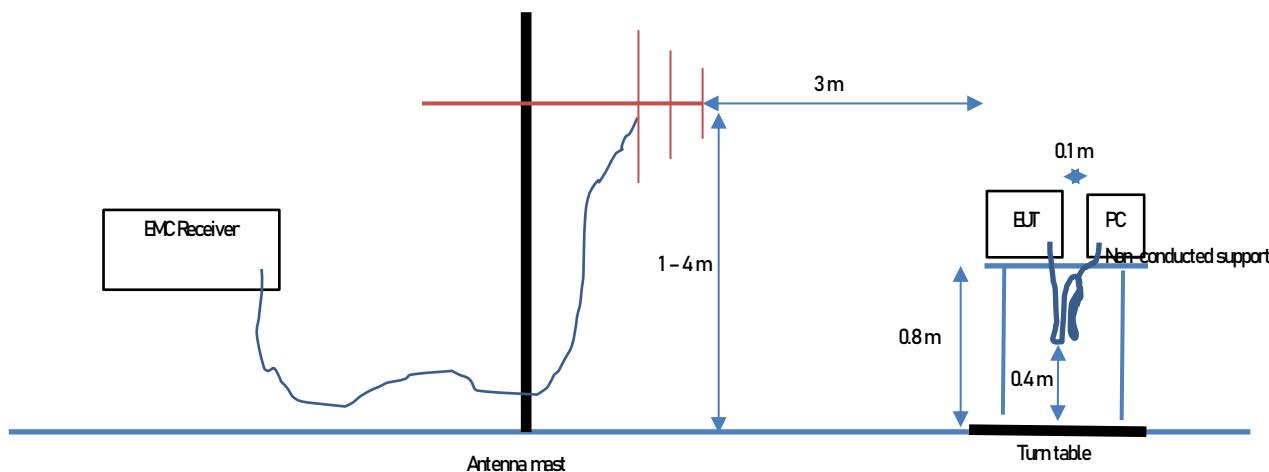
$$\begin{aligned}\text{dB}\mu\text{V} &= 20(\log \mu\text{V}) \\ \mu\text{V} &= \text{Inverse log}(\text{dB}\mu\text{V}/20)\end{aligned}$$

Conducted emissions on the 50 Hz and/or 60 Hz power interface of the EUT are measured in the frequency range of 150 kHz to 30 MHz. The measurements are performed using a receiver, which has CISPR characteristic bandwidth and quasi-peak detection and a Line Impedance Stabilization Network (LISN) with $50 \Omega / 50 \mu\text{H}$ (CISPR 16) characteristics. The receiver is protected by means of an impedance matched pulse limiter connected directly to the RF input. Table top equipment is placed on a non-conducting table 80 centimetres above the floor and is positioned 40 centimetres from the vertical ground plane (wall) of the screen room. If the minimum limit margin appears to be less than 20 dB with a peak mode measurement, the emission is re-measured using a tuned receiver with quasi-peak and average detection and recorded on the data sheets.

4.5.2.2 Radiated emission

4.5.2.2.1 OATS1 test site (30 MHz - 1 GHz)

Test setup according ANSI C63.4



Description of measurement

Spurious emission from the EUT is measured in the frequency range of 30 MHz to 1000 MHz using a tuned receiver and appropriate broadband linearly polarized antennas. Measurements between 30 MHz and 1000 MHz are made with 120 kHz/6 dB bandwidth and quasi-peak detection. Table top equipment is placed on a 1.0 X 1.5 metre non-conducting table 80 centimetres above the ground plane. Floor standing equipment is placed directly on the turntable/ground plane. The setup of the equipment under test is established in accordance with ANSI C63.4. The interface cables that are closer than 40 centimetres to the ground plane are bundled in the centre in a serpentine fashion so that they are at least 40 centimetres from the ground plane. Cables to simulators/testers (if used in this test) are routed through the centre of the table and to a screened room located outside the test area.

The antenna is positioned 3 or 10 metres horizontally from the EUT. To locate maximum emissions from the test sample the antenna is varied in height from 1 to 4 metres, measurement scans are made with both horizontal and vertical antenna polarization planes and the EUT is rotated 360 degrees.

The final level is calculated in a calculation sheet by taking the reading from the EMI receiver (Level dB μ V) and adding the correction factors and cable loss factor (Factor dB) on to it. The limit is subtracted from this result in order to provide the limit margin listed in the measurement protocols.

Example:

Frequency (MHz)	Reading (dB μ V)	+	Correction* (dB/m)	=	Level (dB μ V/m)	-	Limit (dB μ V/m)	=	Dlimit (dB)
719.0	75.0	+	32.6	=	107.6	-	110.0	=	-2.4

*Correction Factor = Antenna Factor + Cable Attenuation = 30 dB/m + 2.6 dB = 32.6 dB/m

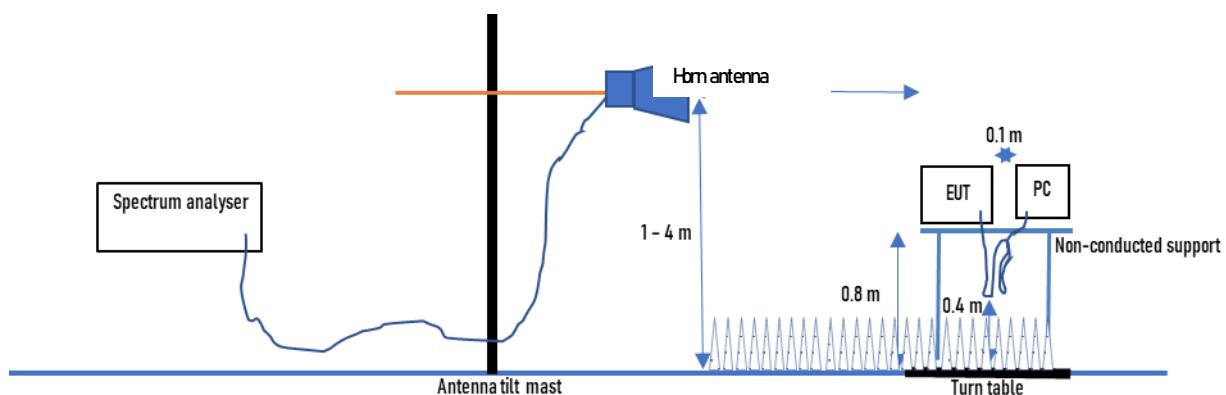
The resolution bandwidth during the measurement is as follows:

30 MHz – 1000 MHz:

RBW: 120 kHz

4.5.2.2.2 Anechoic chamber 1, 1000 MHz – 18000 MHz

Test setup according ANSI C63.4



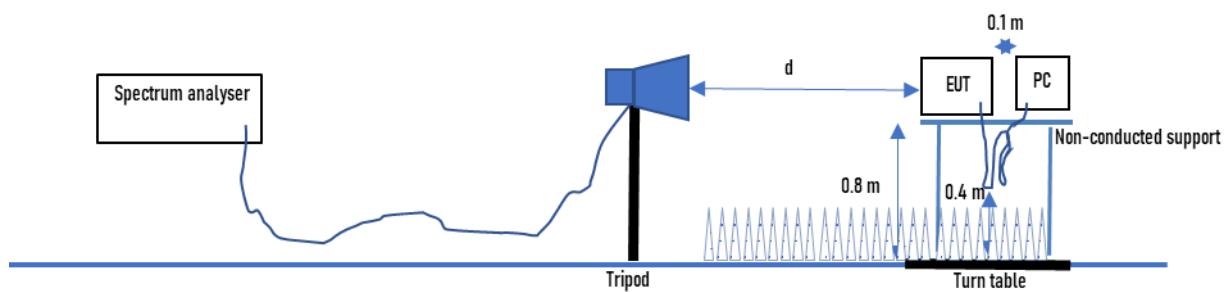
Description of measurement

Radiated emission from the EUT are measured in the frequency range of 1 GHz to the maximum frequency as specified in 47 CFR Part 15 Subpart A section 15.33, using a tuned receiver (spectrum analyser) and appropriate linearly polarized antennas. Table top equipment is placed on a 0.65 X 1.0 metre non-conducting table 80 centimetres above the ground plane. The turntable is fully covered with the appropriate absorber (Type VHP-12).

The interface cables that are closer than 40 centimetres to the ground plane are bundled in the centre in a serpentine fashion, so they are at least 40 centimetres from the ground plane. Measurements are made in both the horizontal and vertical polarization planes in a fully anechoic room using a spectrum analyser set to a peak detector function and a RBW= 1 MHz and VBW = 3 MHz. All tests are performed at a test distance of 3 metres. Hand-held or body-worn devices are rotated around three orthogonal axes in order to determine the position, angle and configuration having the maximum emission. The antenna height is then adjusted from 1 m to 4 m maximizing the measured value. The antenna is mounted to a boresight axis, so the antenna centre always points to the EUT. The turntable is rotated 360° until the spectrum analyser displays the maximum level at the observed frequency. The antenna height is then adjusted from 1 m to 4 m maximizing the measured value. The turntable is re-adjusted to re-affirm the maximum emission value which is then recorded. This procedure is repeated for all frequencies of interest.

4.5.2.2.3 Anechoic chamber 1, 18 GHz – 40 GHz

Test setup according ANSI C63.4



Description of measurement

Radiated emission from the EUT are measured in the frequency range of 1 GHz to the maximum frequency as specified in 47 CFR Part 15 Subpart A section 15.33, using a tuned receiver (spectrum analyser) and appropriate linearly polarized antennas. Table top equipment is placed on a 0.65 X 1.0 metre non-conducting table 80 centimetres above the ground plane. The turntable is fully covered with the appropriate absorber (Type VHP-12).

The interface cables that are closer than 40 centimetres to the ground plane are bundled in the centre in a serpentine fashion, so they are at least 40 centimetres from the ground plane. Measurements are made in both the horizontal and vertical polarization planes in a fully anechoic room using a spectrum analyser set to a peak detector function and an RBW= 1 MHz and VBW = 3 MHz. All tests are performed at a test distance of 3 metres. Hand-held or body-worn devices are rotated around three orthogonal axes in order to determine the position, angle and configuration having the maximum emission. The turntable is rotated 360° until the spectrum analyser displays the maximum level at the observed frequency, the maximum emission value is then recorded. This procedure is repeated for all frequencies of interest.

Where appropriate in frequency range 18 GHz - 40 GHz, the test distance may be reduced to 1 m in order to reduce the noise level to hold a minimum distance between noise level and limit. The limit will be adopted to the measurement distance.

5 TEST CONDITIONS AND RESULTS

5.1 Conducted emission

For test instruments and accessories used see section 6 Part A 4.

5.1.1 Description of the test location

Test location: Shielded Room SR2

5.1.2 Photo documentation of the test setup



5.1.3 Test result

Frequency range: 0.15 MHz - 30 MHz
Min. limit margin -7.3 dB at 0.474 MHz

The requirements are **FULFILLED**.

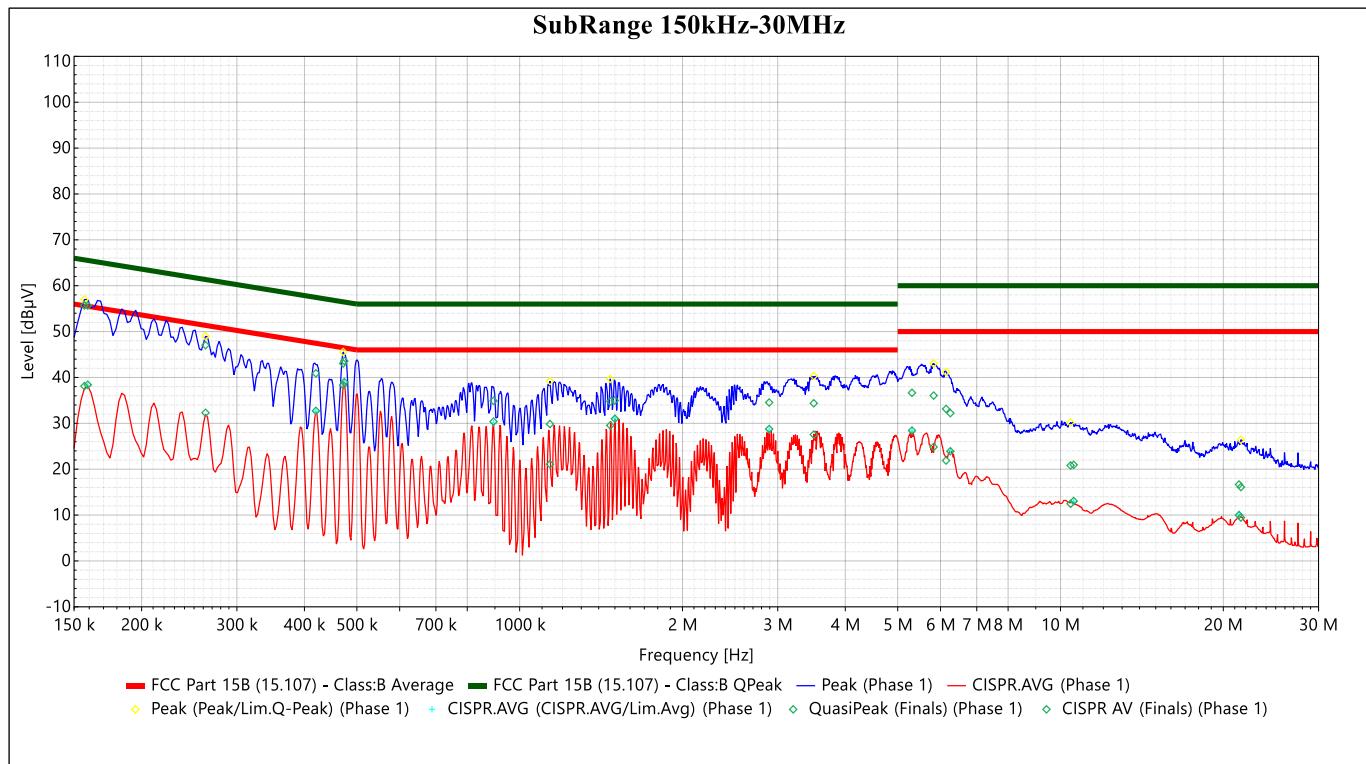
Remarks: For detailed results, please see the following page(s).

For description of the measurement see 4.5.2. Test sample 054 is used.

5.1.4 Test protocol

Test point: L1
 Operation mode: charging mode
 Remarks: none
 Date: 30.10.2024
 Tested by: Franz-Xaver Schrettenbrunner

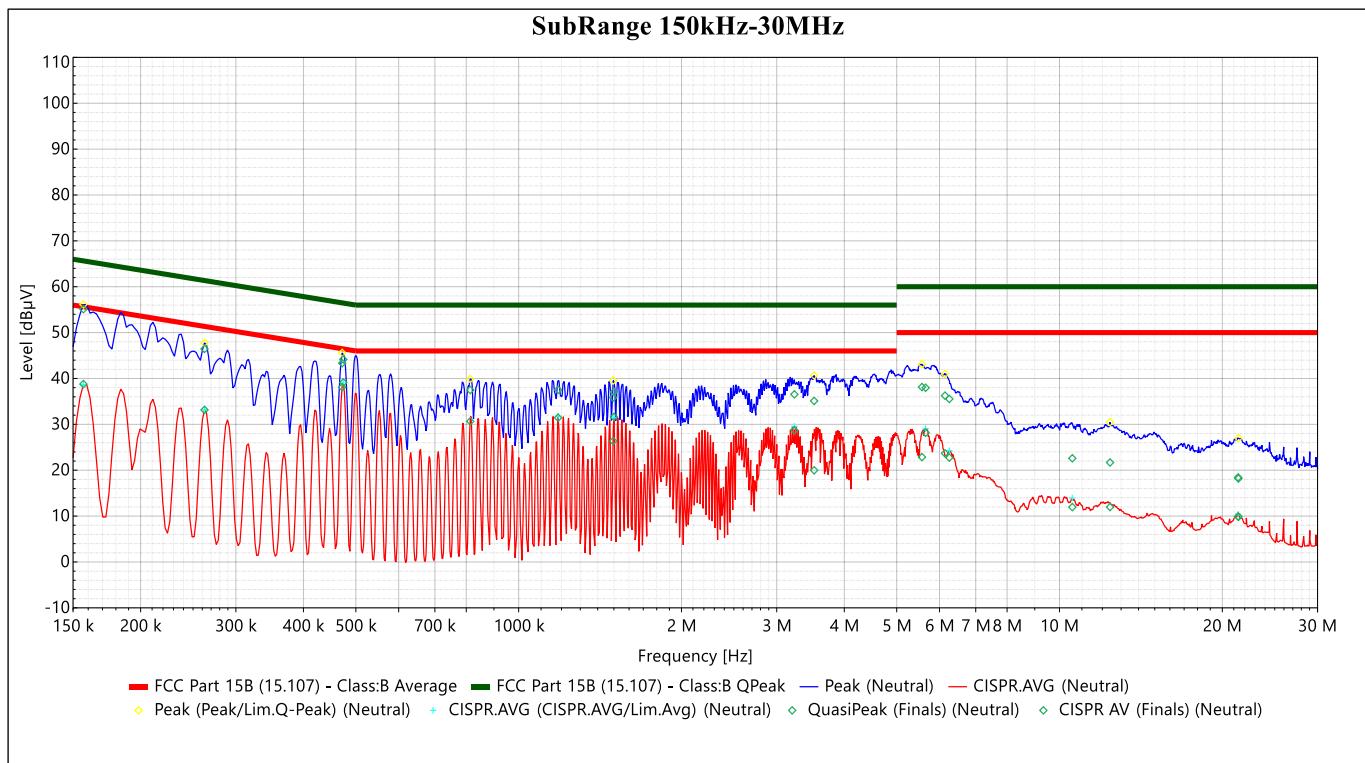
Frequency (Hz)	QuasiPeak (dB μ V)	QP Margin	QP Limit (dB μ V)	CISPR AV (dB μ V)	CISPR AV Margin	AV Limit (dB μ V)	Correction (dB)
156.75 k	55.705	-9.929	65.634	38.109	-17.525	55.634	10.323
159 k	55.67	-9.846	65.516	38.411	-17.105	55.516	10.322
262.5 k	47.042	-14.31	61.352	32.296	-19.056	51.352	10.337
420 k	40.9	-16.548	57.448	32.723	-14.726	47.448	10.34
471.75 k	43.058	-13.425	56.483	38.318	-8.165	46.483	10.345
474 k	43.608	-12.835	56.444	38.978	-7.465	46.444	10.346
894.75 k	34.9	-21.1	56	30.373	-15.627	46	10.389
1.13775 M	29.851	-26.149	56	21.078	-24.922	46	10.414
1.47075 M	34.779	-21.221	56	29.545	-16.455	46	10.431
1.5 M	34.995	-21.005	56	30.996	-15.004	46	10.432
2.89275 M	34.54	-21.46	56	28.762	-17.238	46	10.524
3.498 M	34.368	-21.632	56	27.554	-18.446	46	10.541
5.31375 M	36.657	-23.343	60	28.41	-21.59	50	10.518
5.82675 M	36.053	-23.947	60	24.84	-25.16	50	10.502
6.144 M	33.139	-26.861	60	21.888	-28.112	50	10.492
6.2565 M	32.219	-27.781	60	23.914	-26.086	50	10.488
10.43925 M	20.822	-39.178	60	12.471	-37.529	50	10.514
10.57875 M	20.953	-39.047	60	13.06	-36.94	50	10.519
21.381 M	16.655	-43.345	60	10.004	-39.996	50	11.045
21.5565 M	16.095	-43.905	60	9.459	-40.541	50	11.048



Test point: N
 Operation mode: charging mode
 Remarks: none
 Date: 30.10.2024
 Tested by: Franz-Xaver Schrettenbrunner

Result: passed

Frequency (Hz)	QuasiPeak (dB μ V)	QP Margin	QP Limit (dB μ V)	CISPR AV (dB μ V)	CISPR AV Margin	AV Limit (dB μ V)	Correction (dB)
156.75 k	55.106	-10.529	65.634	38.779	-16.856	55.634	10.336
262.5 k	46.452	-14.9	61.352	33.151	-18.201	51.352	10.345
471.75 k	43.328	-13.155	56.483	38.094	-8.389	46.483	10.355
474 k	44.146	-12.298	56.444	39.106	-7.337	46.444	10.356
813.75 k	37.492	-18.508	56	30.659	-15.341	46	10.385
1.18275 M	37.518	-18.482	56	31.44	-14.56	46	10.428
1.4955 M	35.836	-20.164	56	26.36	-19.64	46	10.442
1.5 M	37.093	-18.907	56	31.621	-14.379	46	10.442
3.23475 M	36.538	-19.462	56	28.718	-17.282	46	10.556
3.51825 M	35.112	-20.888	56	19.983	-26.017	46	10.566
5.568 M	38.127	-21.873	60	22.855	-27.145	50	10.553
5.65575 M	37.981	-22.019	60	28.175	-21.825	50	10.551
6.14175 M	36.26	-23.74	60	23.682	-26.318	50	10.538
6.2565 M	35.544	-24.456	60	22.752	-27.248	50	10.535
10.56075 M	22.604	-37.396	60	11.965	-38.035	50	10.609
12.40125 M	21.685	-38.315	60	11.979	-38.021	50	10.721
21.39 M	18.434	-41.566	60	9.937	-40.063	50	11.291
21.42375 M	18.204	-41.796	60	9.834	-40.166	50	11.292



5.2 Radiated emission < 1 GHz (electric field)

For test instruments and accessories used see section 6 Part A 5.

5.2.1 Description of the test location

Test location: Semianechoic chamber SAC2
Test distance: 3 m

5.2.2 Photo documentation of the test setup



5.2.3 Test result

Frequency range: 30 MHz - 1000 MHz
min. margin: -1.5 dB at 864.01 MHz

The requirements are **FULFILLED**.

Remarks: For detailed results, please see the following page(s). Test sample LEW0624DHS0054 is used.
For description of the measurement see 4.5.2.

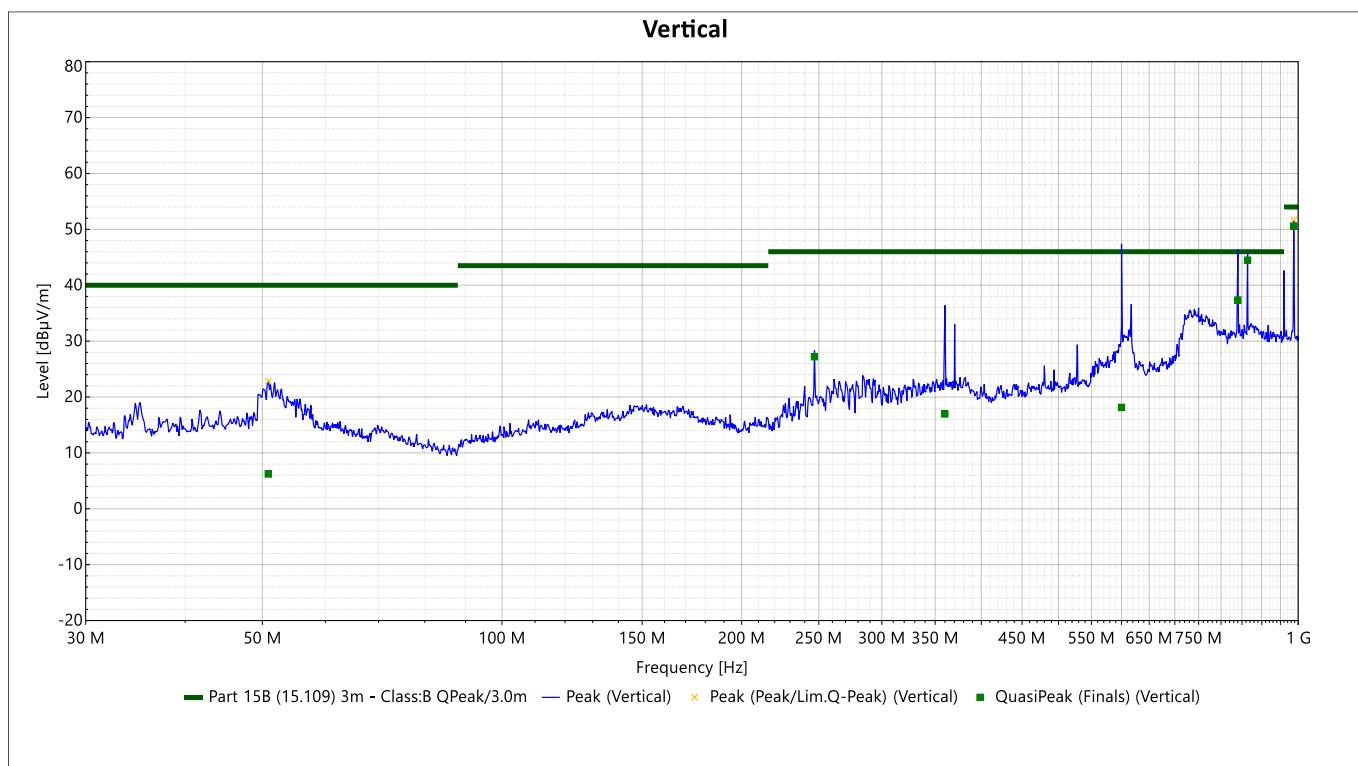
5.2.4 Test protocol

Operation mode: stand-by
 Remarks: none
 Date: 20.01.2025
 Tested by: Franz-Xaver Schrettenbrunner

Result: passed

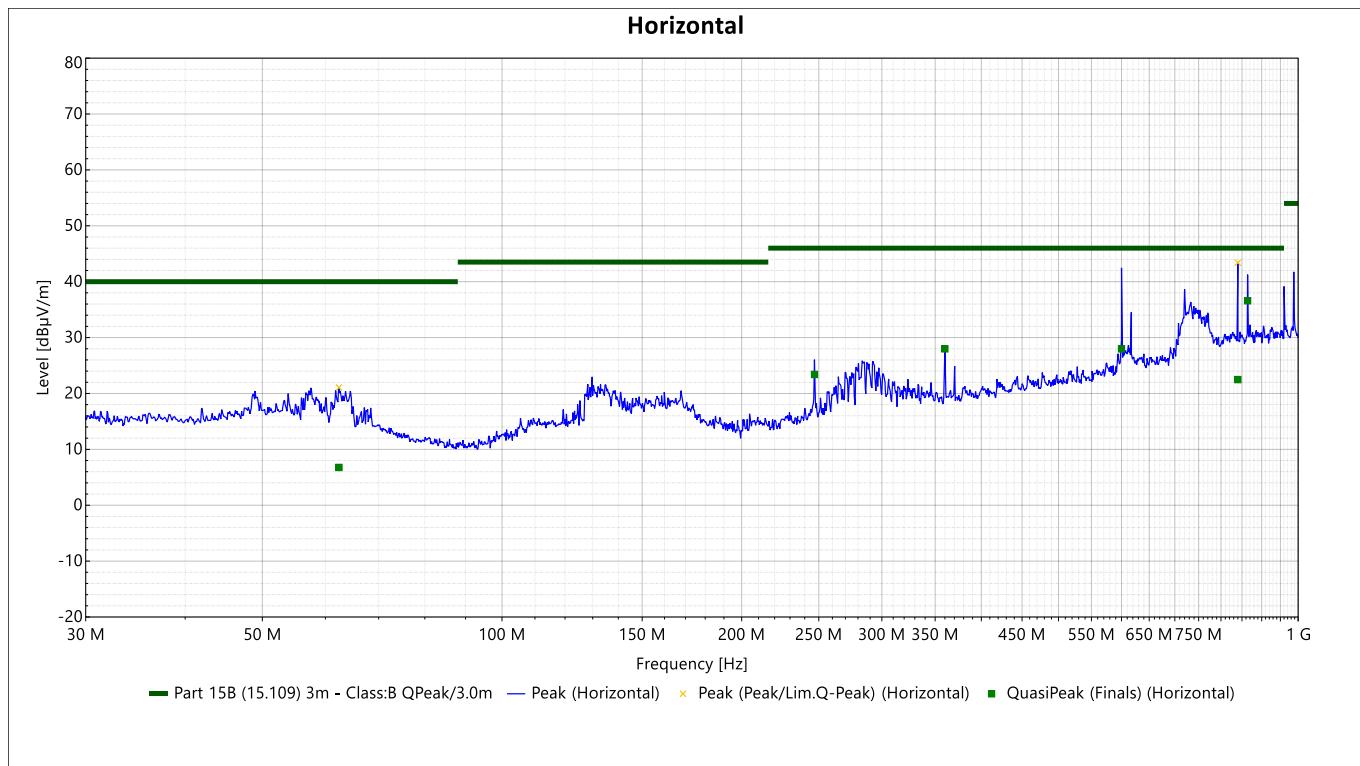
vertical

Frequency (Hz)	QuasiPeak (dB μ V/m)	QP Margin	QP Limit (dB μ V/m)	angle	height	polarization	RBW (Hz)	Correction (dB)
50.863 M	6.23	-33.77	40	241	1.44	Vertical	120000	-10.88
246.856 M	27.21	-18.79	46	198	2.14	Vertical	120000	-11.09
359.949 M	16.97	-29.03	46	227	1.6	Vertical	120000	-7.77
599.999 M	18.14	-27.86	46	183	2.61	Vertical	120000	-2.48
840.047 M	37.35	-8.65	46	205	1.12	Vertical	120000	1.14
864.012 M	44.48	-1.52	46	241	1.12	Vertical	120000	1.58
987.461 M	50.56	54	350	1		Vertical	120000	3.41



horizontal

Frequency (Hz)	QuasiPeak (dB μ V/m)	QP Margin	QP Limit (dB μ V/m)	angle	height	polarization	RBW (Hz)	Correction (dB)
62.413 M	6.76	-33.24	40	0	2.4	Horizontal	120000	-10.87
246.887 M	23.4	-22.6	46	259	1.69	Horizontal	120000	-10.96
359.998 M	27.98	-18.02	46	273	1	Horizontal	120000	-7.86
599.974 M	27.98	-18.02	46	39	1.26	Horizontal	120000	-1.94
840.015 M	22.48	-23.52	46	252	2.26	Horizontal	120000	1.71
864.061 M	36.59	-9.41	46	216	3.31	Horizontal	120000	2.04



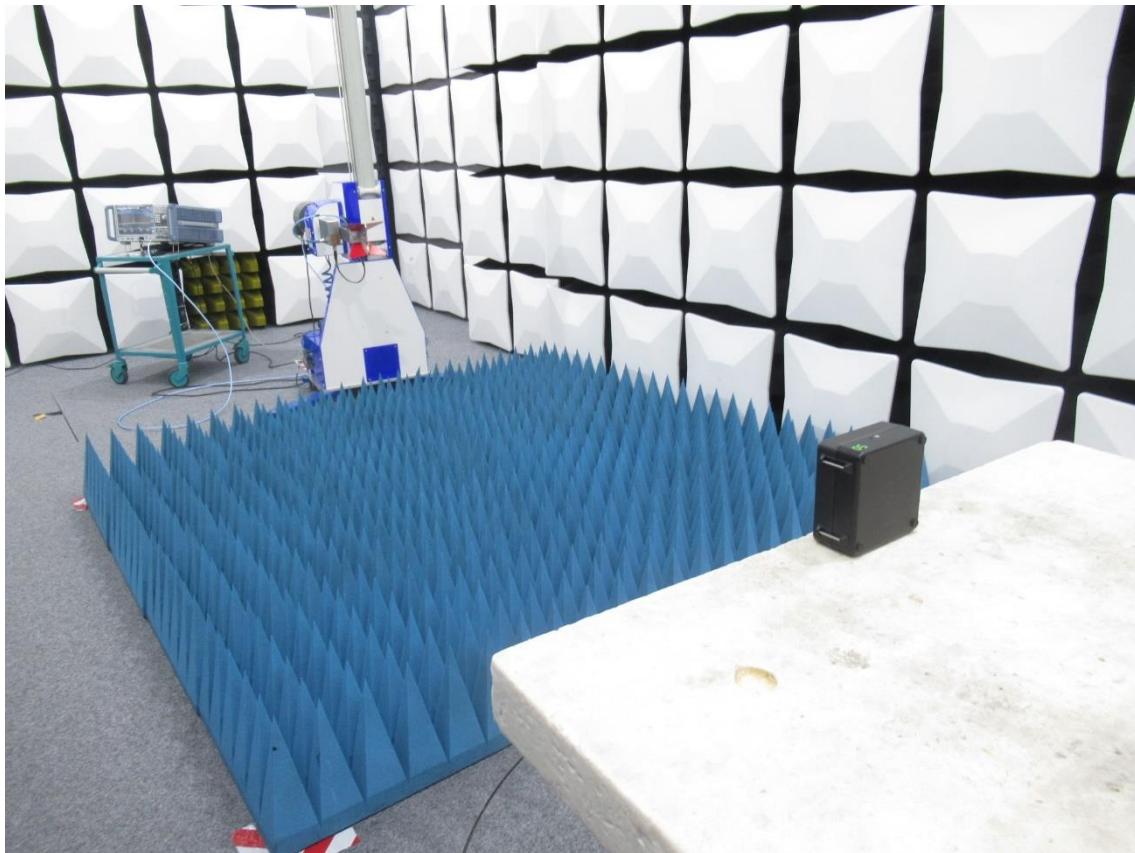
5.3 Radiated emission > 1 GHz (electric field)

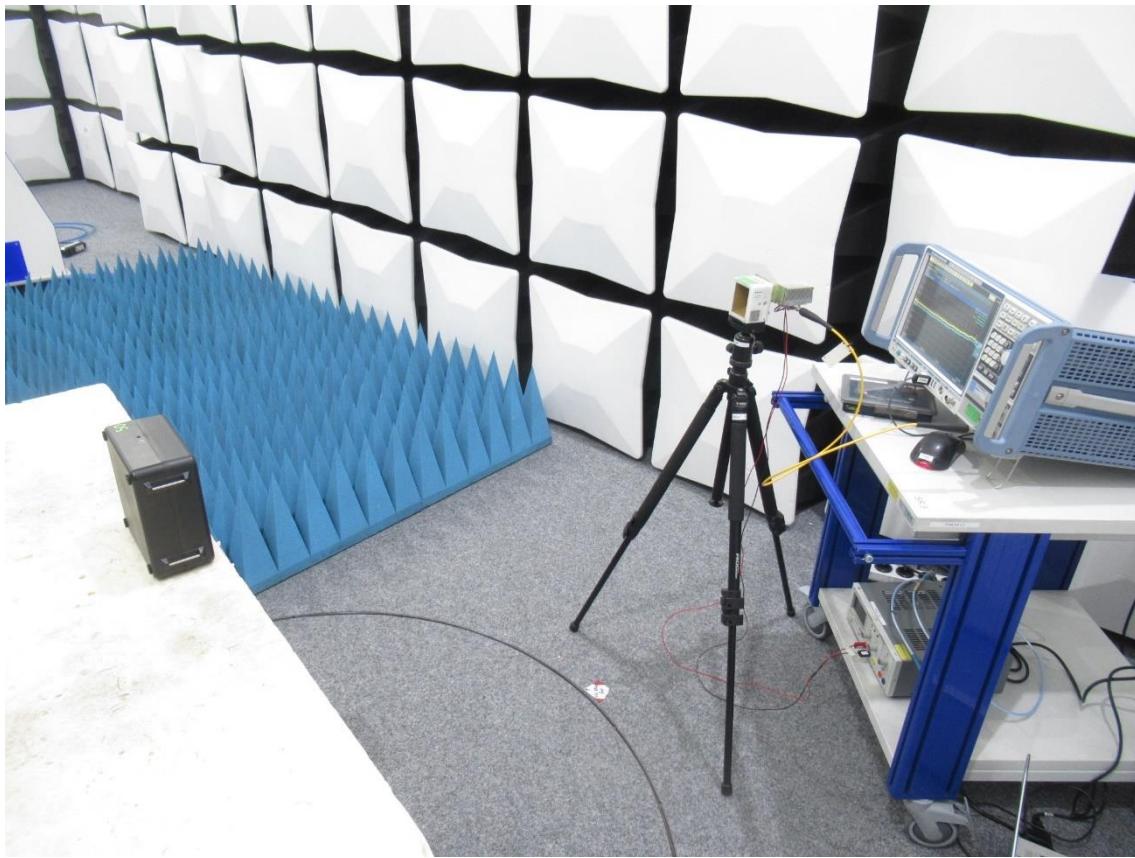
For test instruments and accessories used see section 6 Part SER 3.

5.3.1 Description of the test location

Test location: FAR1
Test distance: 3 m / 1 m

5.3.2 Photo documentation of the test setup





5.3.3 Test result

Frequency range: 1000 MHz – 40000 MHz
Min. limit margin all peak values below average limit

The requirements are **FULFILLED**.

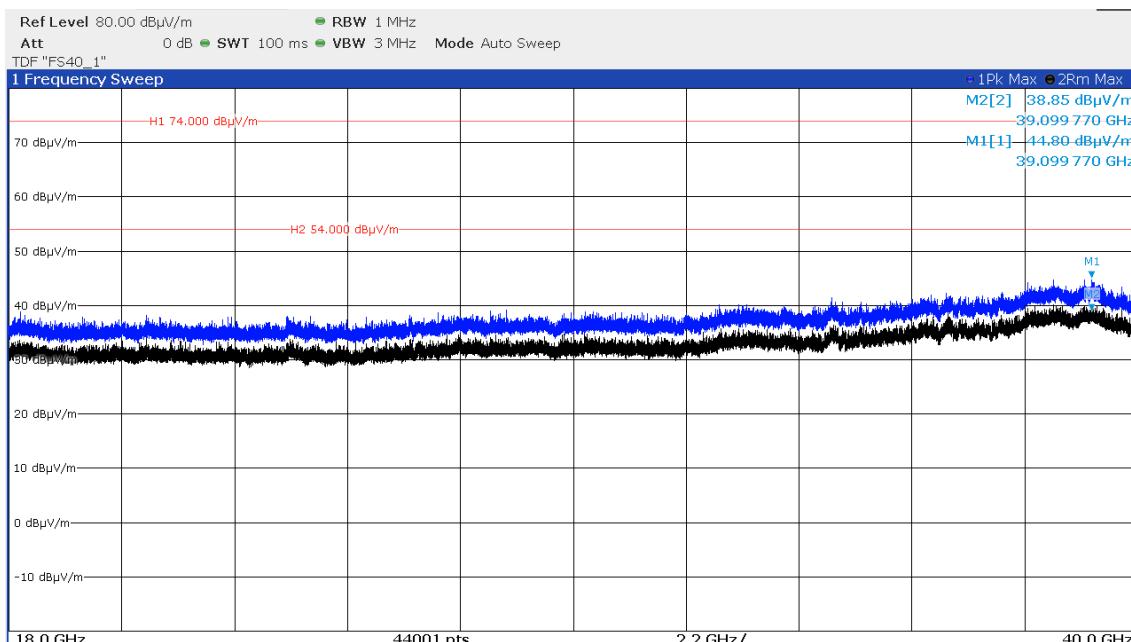
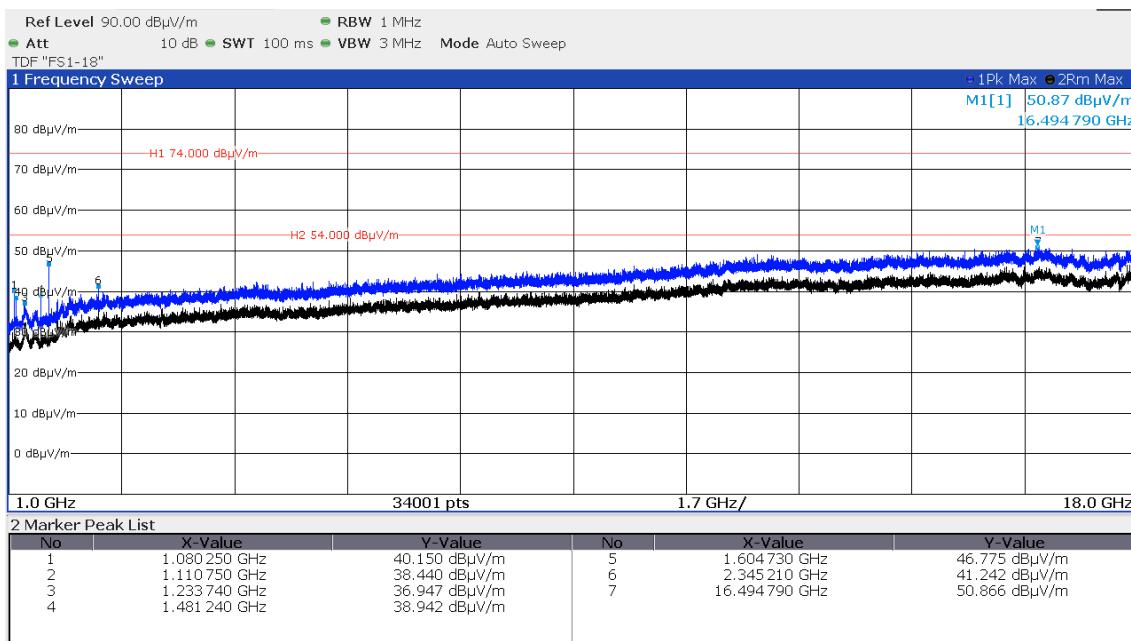
Remarks: For detailed results, please see the following page(s).

For description of the measurement see 4.5.2. Test sample 054 is used.

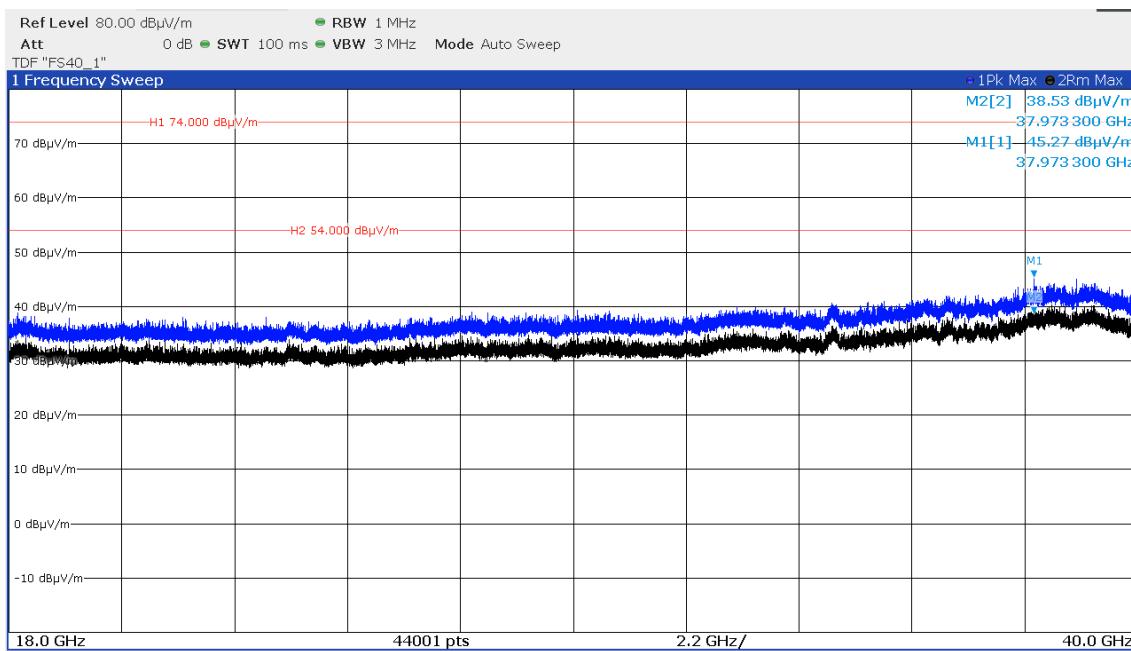
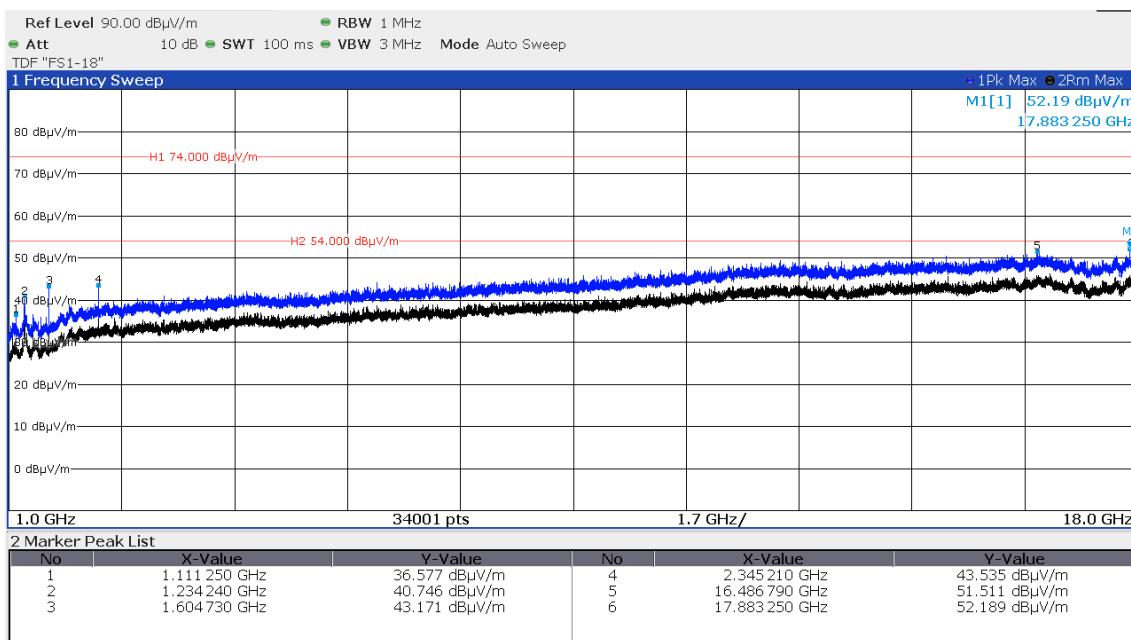
5.3.4 Test protocol

Operation mode: stand-by
 Remarks: none
 Date: 20.09.2024
 Tested by: Franz-Xaver Schrettenbrunner

horizontal



vertical



6 USED TEST EQUIPMENT AND ACCESSORIES

All test instruments used, in addition to the test accessories, are calibrated and verified regularly.

All listed measuring devices were calibrated at the time of use.

Test ID	Model Type	Kind of Equipment	Manufacturer	Equipment No.	Next Calib.	Last Calib.	Next Verif.	Last Verif.
A 4	ESR3 ENV432 KK-SPU195FR01-2X11N-3 KK-SPU195FR01-2X11N- CDB-10K-18-50V-NMF-I BAT-EMC 2023.0.8.0	EMI Test Receiver V-Netznachbildung Kabelkonf. Spuma_195- Kabelkonf. Spuma_195- DC Blocker Nexio Software	Rohde & Schwarz Memming Rohde & Schwarz Memming Huber + Suhner Huber + Suhner Tactron Elektronik EMCO Elektronik GmbH	09-02/03-21-001 09-02/20-21-001 09-02/50-21-037 09-02/50-21-040 09-02/50-22-033 09-02/68-21-002	03/07/2025 02/09/2026 17/07/2025	03/07/2024 02/09/2024 17/07/2024	02/09/2025	02/09/2024
A 5	ESR7 BBV 9743 B VULB9168 KK-7.8F-2XNM_4.0M KK-7.8F-2XNM-10.0M KK-7.8F-2XNM_4.5M KK-7.8F-2XNM_9.5M 50F-003 N 3dB CDB-10K-18-50V-NMF-I BAT-EMC 2023.0.8.0	EMI Test Receiver Broadb. Ampl. 10MHz-6 Trilog-Broadband Anten Cable Assembly 7.8 flexi Cable Assembly 7.8 flexi Cable Assembly 7.8 flexi Cable Assembly 7.8 flexi Attenuator 3dB DC Blocker Nexio Software	Rohde & Schwarz Memming Schwarzbeck Mess-Elektron Schwarzbeck Mess-Elektron Tactron Elektronik Tactron Elektronik Tactron Elektronik Tactron Elektronik Tactron Elektronik Tactron Elektronik EMCO Elektronik GmbH	09-02/03-21-004 09-02/17-21-002 09-02/24-22-003 09-02/50-21-018 09-02/50-21-019 09-02/50-21-023 09-02/50-21-025 09-02/50-22-002 09-02/50-22-031 09-02/68-21-002	05/08/2025 19/12/2024 06/08/2025	05/08/2024 19/12/2023 06/08/2024	12/08/2025	12/08/2024
SER 3	FSW43 AFS5-12001800-18-10P-6 AFS4-01000400-10-10P-4 AMF-4F-04001200-15-10P LNA-40-18004000-33-5P 3117 BBHA 9170 Sucoflex N-2000-SMA KMS116-GL140SE-KMS116	Spectrum Analyser RF Amplifier 12 - 18 GHz RF Amplifier 1 - 4 GHz RF Amplifier 4 - 12 GHz Amplifier 18-40 GHz Horn Antenna 1 - 18 GH SHF-EHF Horn Antenna RF Cable Cable DC-40GHz	Rohde & Schwarz München PARZICH GMBH MITEQ, Inc. MITEQ, Inc. MITEQ, Inc. EMCO Elektronik GmbH Schwarzbeck Mess-Elektron novotronik Signalverarbeit GigaLane Co., Ltd.	02-02/11-15-001 02-02/17-06-002 02-02/17-13-002 02-02/17-13-003 02-02/17-20-002 02-02/24-05-009 02-02/24-05-013 02-02/50-05-075 02-02/50-20-026	19/08/2025 23/07/2025 21/03/2026	19/08/2024 23/07/2024 21/03/2023		

7 Detailed measurement uncertainty

7.1 Overview

Measurement instrumentation uncertainty shall be taken into account when determining compliance or non-compliance with a disturbance limit.

The measurement instrumentation uncertainty for a test laboratory shall be evaluated. The standard uncertainty $u(x_i)$ in decibels and the sensitivity coefficient c_i shall be evaluated for the estimate x_i of each quantity. The combined standard uncertainty $u_c(y)$ of the estimate y of the measurand shall be calculated as

$$u_c(y) = \sqrt{\sum_i c_i^2 u^2(x_i)}$$

The expanded measurement instrumentation uncertainty U_{lab} for a test laboratory shall be calculated as $U_{lab} = 2 u_c(y)$

$$U_{lab} = 2 u_c(y)$$

Compliance or non-compliance with a disturbance limit shall be determined in the following manner:

If U_{lab} is less than or equal to U_{cispr} in the table below, then:

- compliance is deemed to occur if no measured disturbance exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance exceeds the disturbance limit.

If U_{lab} is greater than U_{cispr} in the table below, then:

- compliance is deemed to occur if no measured disturbance, increased by $(U_{lab} - U_{cispr})$, exceeds the disturbance limit.
- non-compliance is deemed to occur if any measured disturbance, increased by $(U_{lab} - U_{cispr})$, exceeds the disturbance limit.

7.2 Definitions and symbols

X_i	Input quantity
x_i	estimate of X_i
$u(x_i)$	standard uncertainty of x_i
c_i	sensitivity coefficient
$u_c(y)$	(combined) standard uncertainty of y
Y	result of a measurement, (the estimate of the measured), corrected for all recognised significant systematic effects
U	expanded uncertainty of y

7.3 Measurement uncertainty

Measurement	U_{lab} [dB]
Conducted disturbance	+ 2.53 / - 2.77
Radiated disturbance (electric field)	
- 10 m test distance	+ 3.16 / - 3.22
- 3 m test distance	+ 3.16 / - 3.22
- Frequency range: 30 MHz – 200 MHz	
Radiated disturbance (electric field)	
- 10 m test distance	+ 4.51 / - 4.51
- 3 m test distance	+ 4.51 / - 4.51
- Frequency range: 200 MHz – 1000 MHz	
Radiated disturbance (electric field)	
- 3 m test distance	+ 5.07 / -3.70
- Frequency range: 1 GHz – 30 GHz	