

<b>Prüfbericht-Nr.:</b> Test report no.:	<b>CN251OLO 001</b>	<b>Auftrags-Nr.:</b> Order no.:	<b>326064902</b>	<b>Seite 1 von 24</b> Page 1 of 24
<b>Kunden-Referenz-Nr.:</b> Client reference no.:	<b>1288983</b>	<b>Auftragsdatum:</b> Order date:	<b>2024-11-25</b>	
<b>Auftraggeber:</b> Client:	<b>IKEA of Sweden AB</b> Box 702, SE-343 81 Älmhult, Sweden			
<b>Prüfgegenstand:</b> Test item:	<b>LED Rope Lights</b>			
<b>Bezeichnung / Typ-Nr.:</b> Identification / Type no.:	<b>L2403</b>			
<b>Auftrags-Inhalt:</b> Order content:	<b>TÜV Rheinland EMC service</b>			
<b>Prüfgrundlage:</b> Test specification:	<b>FCC 47 CFR Part 15, Subpart B:2023 Class B</b> <b>ICES-005:2018</b>			
<b>Wareneingangsdatum:</b> Date of sample receipt:	<b>2025-05-08</b>	Refer to the EUT photos file		
<b>Prüfmuster-Nr.:</b> Test sample no.:	<b>A003988751-002</b>			
<b>Prüfzeitraum:</b> Testing period:	<b>2025-06-07~2025-06-17</b>			
<b>Ort der Prüfung:</b> Place of testing:	<b>Refer to clause 1.1</b>			
<b>Prüflaboratorium:</b> Testing laboratory:	<b>TÜV Rheinland (Shanghai) Co., Ltd.</b>			
<b>Prüfergebnis*:</b> Test result*:	<b>Pass</b>			
<b>geprüft von:</b> tested by: Jessie Xu	<b>genehmigt von:</b> authorized by: Jiayi Zhou			
<b>Datum:</b> Date: 2025-06-20	<i>Jessie Xu</i>	<b>Ausstellungsdatum:</b> Issue date: 2025-06-20	<i>Jiayi Zhou</i>	
<b>Stellung / Position:</b>	Project engineer	<b>Stellung / Position:</b>	Authorizer	
<b>Sonstiges /</b> Other:	FCC ID: FHO-L2403 Test Firm Name: TÜV Rheinland (Shanghai) Co., Ltd. Designation Number: CN1396 Test Firm Registration Number: 930979			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> Condition of the test item at delivery:	<b>Prüfmuster vollständig und unbeschädigt</b> <b>Test item complete and undamaged</b>			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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**Anmerkungen**  
Remarks

- |   |  |
|---|--|
| 1 | <p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.<br/>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>   |
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| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.<br/>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.<br/>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>  |
| 4 | <p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p>   |

**Prüfbericht - Nr.:** CN251OL0 001  
*Test Report No.:***Seite 3 von 24**  
*Page 3 of 24***Revision history of test report:**

<b>Report number</b>	<b>Issue date</b>	<b>Contents and reason for change if appropriate</b>
CN251OL0 001	2025-06-20	Initial release.

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# 1 Test Sites

## 1.1 Test Facilities

**Laboratory:** TÜV Rheinland (Shanghai) Co., Ltd.

**Address:** Workshop14, North Half of Workshop 10 and Workshop 16, Pingqian (Taicang) Modern Industrial Park, No.525, Yuewang Lingang South Road, Shaxi, Taicang, Jiangsu, China

The used test equipment is in accordance with CISPR 16-1 series standards for measurement of radio interference.

Refer to Clause 7 for test and measurement instruments.

## 2 General Product Information

### 2.1 Product Function and Intended Use

The EUT (equipment under test) is an ordinary LED rope lights for lighting and similar use. For further information, refer to the user's manual.

### 2.2 Ratings and System Details

Rated input : 5 V DC, 4.8 W  
Protection class : Class III

### 2.3 Independent Operation Modes

The basic operation modes are: "ON" and "OFF".

- Mode 1: EUT was powered by power supply and lighting on with dimming.
- Mode 2: EUT was powered by laptop and lighting on with dimming.

### 2.4 Description of interconnecting cables

N/A

### 2.5 Noise Generating and Noise Suppressing Parts

Refer to the circuit diagram for further information.

### 2.6 Highest frequency generated or used in the device or on which the device operates or tunes

The highest frequency used in the EUT is 1.2 MHz.

### 2.7 Submitted Documents

Circuit diagram, user's manual and rating label.

### 3 Test Set-up and Operation Modes

#### 3.1 Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible emission level. The test conditions were adapted accordingly in reference to the instructions for use.

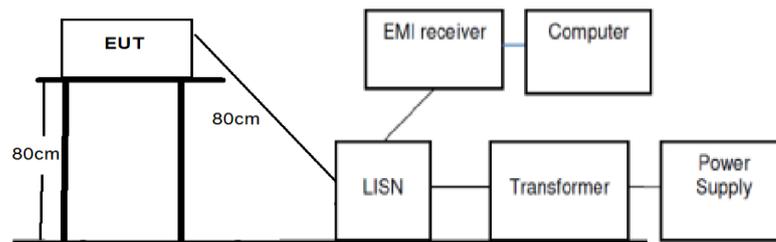
Refer to the related paragraph of this report.

The sequence of testing:

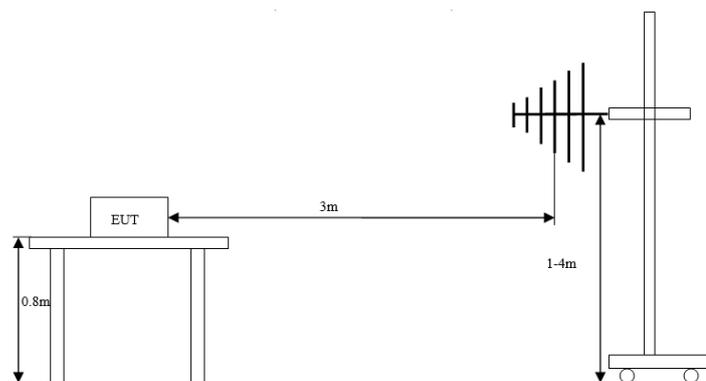
1. Conducted emission tests were performed on 2025-06-07.
2. Radiated emission tests were performed on 2025-06-17.

#### 3.2 Equipment and cable arrangement

Block diagram for both conducted emission and radiated emission tests is as follows:



(Conducted emission)



(Radiated emission 30-1000 MHz)

Also refer to photographs on clause 6 for test setups for both conducted emission test and radiated emission test.

### **3.3 Test Software**

No special test software was used during the tests.

### **3.4 Special Accessories and Auxiliary Equipment**

During the test, the adaptor (model: ICPSW5-5NA-1, brand: IKEA) and laptop (model: T45, brand: ThinkPad) were used as power supply.

### **3.5 Countermeasures to achieve EMC Compliance**

No other special measure is employed to achieve the requirement.

## 4 Conformity Decision Rule

For all EMI tests included in this report, as measurement uncertainties are less than the values  $U_{\text{CISPR}}$  given in CISPR 16-4-2, compliance with the limits is determined by comparing measurement results directly with corresponding limits without taking into consideration of measurement uncertainties.

## 5 Test Results EMISSION

### 5.1 Emission in the Frequency Range up to 30 MHz

#### 5.1.1 Conducted emission

<b>Result:</b>	<b>Passed</b>
Date of testing	: 2025-06-07
Test procedure	: FCC 47 CFR Part 15, Subpart B:2023, ICES-005:2018, ANSI C63.4-2014 and CISPR 16-2-1
Frequency range	: 0.15 – 30 MHz
Limits	: Quasi-peak limit: 0.15 – 0.5 MHz, 66 to 56 dB $\mu$ V (decrease with the logarithm of frequency); 0.5 – 5 MHz, 56 dB $\mu$ V; 5 – 30 MHz, 60 dB $\mu$ V Average limit: 0.15 – 0.5 MHz, 56 to 46 dB $\mu$ V (decrease with the logarithm of frequency); 0.5 – 5 MHz, 46 dB $\mu$ V; 5 – 30 MHz, 50 dB $\mu$ V
Bandwidth of EMI receiver for final measurement	: 9 kHz
Measurement time for final measurement	: 1 s
Kind of test site	: Shielded room
Input voltage	: AC 120 V, 60 Hz for power supply and power supply of laptop
Operational mode	: Mode 1: The EUT is powered by power supply via the USB port and lighting on with dimming. Mode 2: The EUT was powered by laptop and lighting on with dimming. (The EUT was measured on multiple color, only the worst case was record in the report.)
Ambient condition	: Temperature: 24.8 °C; Relative humidity: 48.0 %
Expanded measurement uncertainty ( $k=2$ )	: 2.33 dB The minimum margin to the limit is 4.64 dB at 7.098000 MHz. The margin is higher than expanded measurement uncertainty.

The measurement setup was made according to ANSI C63.4-2014 in a shielded room. The measurement equipment like test receivers, quasi-peak detector and artificial mains network (AMN) are in compliance with CISPR 16-1 series standards.

The tested object was set-up on a wooden support. The EUT was set 0.8 m away from the AMN. The cord longer than necessary to be connected to the AMN was folded forth and back parallel so as to form a bundle with a length between 0.3 m and 0.4 m.

The disturbance voltage test was performed on the neutral line and phase line of the power supply of the EUT respectively.

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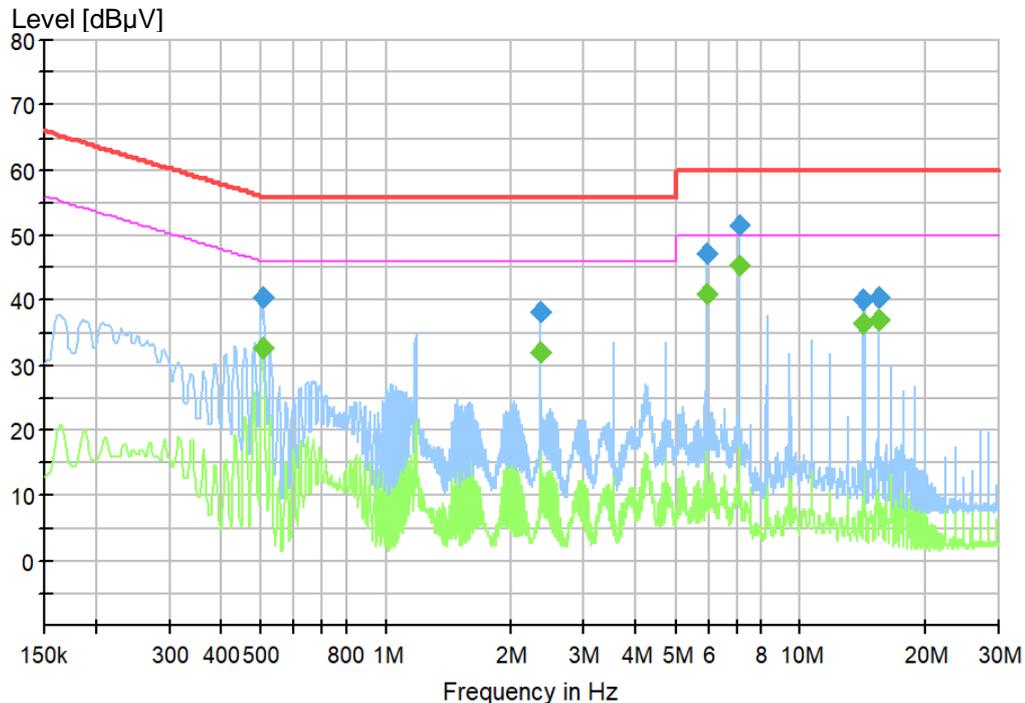
The following figures and tables were those measured by an automatic measuring system. Both quasi-peak and average measurements were performed. In the following spectral diagram, “♦” means Quasi-Peak Value and “◆” means Average Value results.

Notes on following tables of conducted emission results and conversions:

Level (dB $\mu$ V): final measurement results by using quasi-peak detector and average detector

Transd (dB): transducer factor including cable loss, insertion loss of artificial mains network and gain of pre-amplifier (if used)

Margin: Limit (dB $\mu$ V) - Level (dB $\mu$ V)

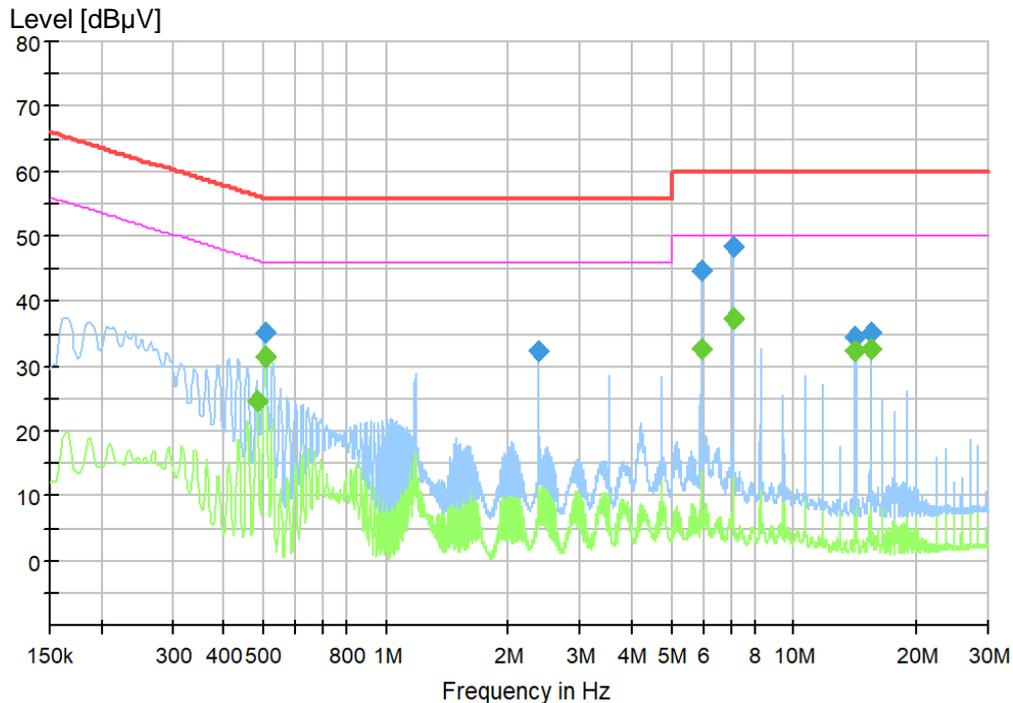
**Figure 1: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, L, mode 1**


Final quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.505500	40.53	56.00	15.47	1000.0	9.000	L1	10.5
2.366250	38.21	56.00	17.79	1000.0	9.000	L1	10.6
5.914500	47.15	60.00	12.85	1000.0	9.000	L1	10.6
7.098000	51.63	60.00	8.37	1000.0	9.000	L1	10.7
14.194500	40.03	60.00	19.97	1000.0	9.000	L1	11.0
15.378000	40.46	60.00	19.54	1000.0	9.000	L1	11.0

Final average measurement result:

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.505500	32.80	46.00	13.20	1000.0	9.000	L1	10.5
2.366250	32.09	46.00	13.91	1000.0	9.000	L1	10.6
5.914500	40.90	50.00	9.10	1000.0	9.000	L1	10.6
7.098000	45.36	50.00	4.64	1000.0	9.000	L1	10.7
14.194500	36.52	50.00	13.48	1000.0	9.000	L1	11.0
15.378000	37.12	50.00	12.88	1000.0	9.000	L1	11.0

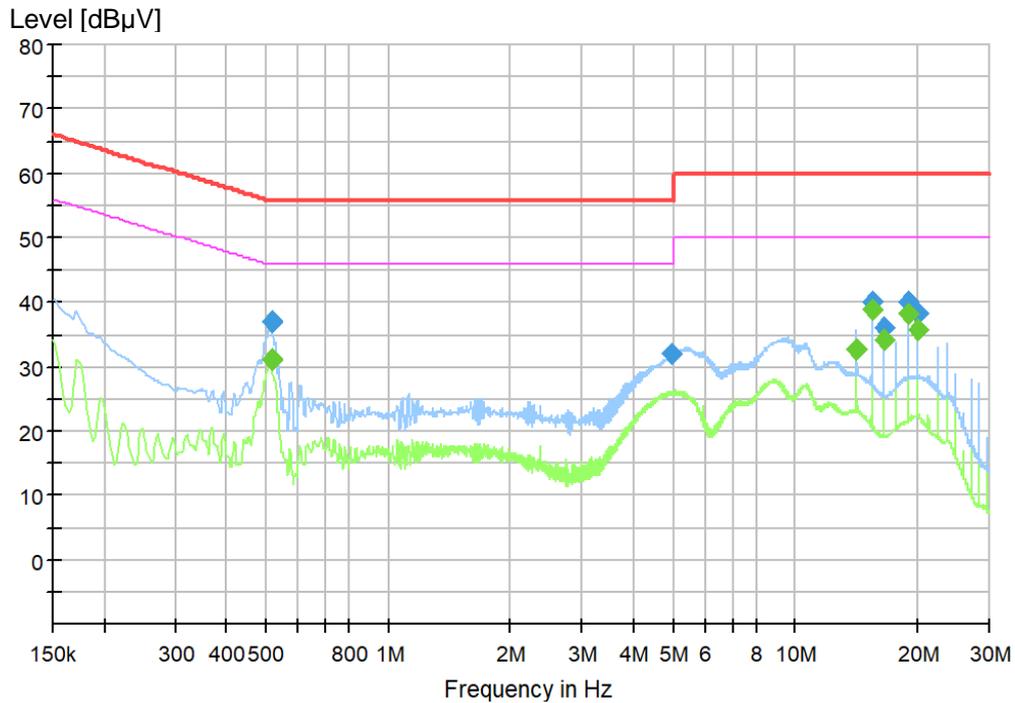
**Figure 2: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, N, mode 1**


Final quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.503250	35.06	56.00	20.94	1000.0	9.000	N	10.3
2.366250	32.53	56.00	23.47	1000.0	9.000	N	10.4
5.914500	44.59	60.00	15.41	1000.0	9.000	N	10.5
7.098000	48.33	60.00	11.67	1000.0	9.000	N	10.5
14.194500	34.49	60.00	25.51	1000.0	9.000	N	10.9
15.378000	35.10	60.00	24.90	1000.0	9.000	N	10.9

Final average measurement result:

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.480750	24.63	46.33	21.70	1000.0	9.000	N	10.3
0.505500	31.35	46.00	14.65	1000.0	9.000	N	10.3
5.914500	32.81	50.00	17.19	1000.0	9.000	N	10.5
7.098000	37.32	50.00	12.68	1000.0	9.000	N	10.5
14.194500	32.39	50.00	17.61	1000.0	9.000	N	10.9
15.378000	32.77	50.00	17.23	1000.0	9.000	N	10.9

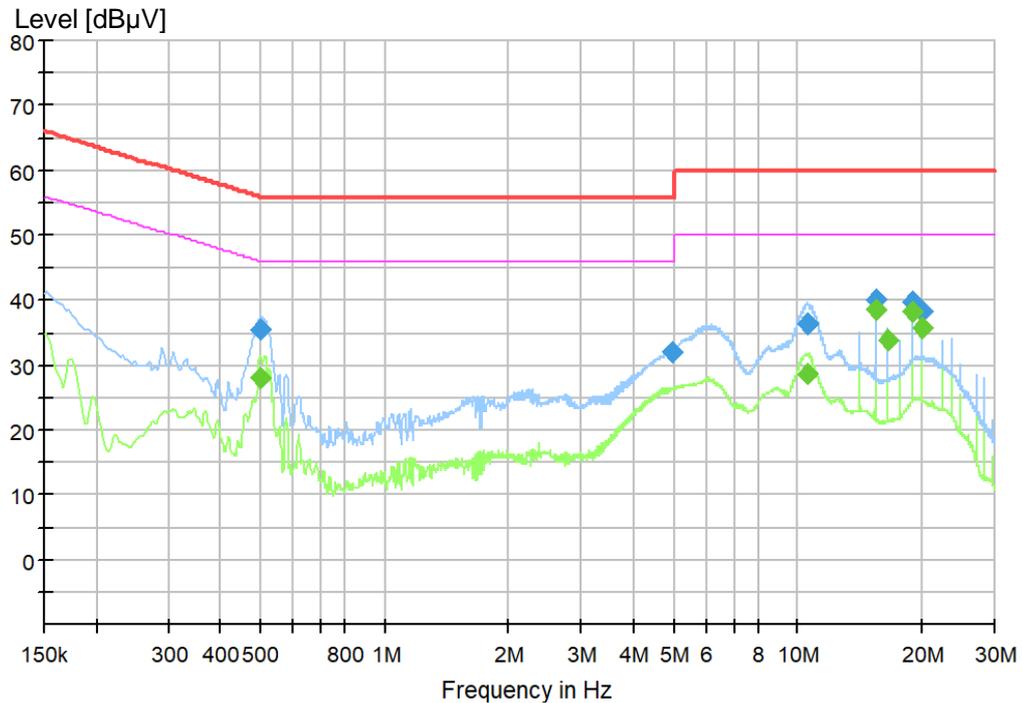
**Figure 3: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, L, mode 2**


Final quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line
0.514500	36.87	56.00	19.13	1000.0	9.000	L1
4.978500	32.06	56.00	23.94	1000.0	9.000	L1
15.373500	40.23	60.00	19.77	1000.0	9.000	L1
16.554750	36.16	60.00	23.84	1000.0	9.000	L1
18.919500	40.05	60.00	19.95	1000.0	9.000	L1
20.103000	38.21	60.00	21.79	1000.0	9.000	L1

Final average measurement result:

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line
0.514500	31.01	46.00	14.99	1000.0	9.000	L1
14.190000	32.69	50.00	17.31	1000.0	9.000	L1
15.373500	39.00	50.00	11.00	1000.0	9.000	L1
16.554750	34.29	50.00	15.71	1000.0	9.000	L1
18.919500	38.37	50.00	11.63	1000.0	9.000	L1
20.103000	35.82	50.00	14.18	1000.0	9.000	L1

**Figure 4: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, N, mode 2**


Final quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line
0.501000	35.55	56.00	20.45	1000.0	9.000	N
4.987500	32.15	56.00	23.85	1000.0	9.000	N
10.592250	36.35	60.00	23.65	1000.0	9.000	N
15.371250	40.24	60.00	19.76	1000.0	9.000	N
18.919500	39.81	60.00	20.19	1000.0	9.000	N
20.100750	38.40	60.00	21.60	1000.0	9.000	N

Final average measurement result:

Frequency (MHz)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line
0.498750	28.13	46.02	17.89	1000.0	9.000	N
10.500000	28.59	50.00	21.41	1000.0	9.000	N
15.371250	38.43	50.00	11.57	1000.0	9.000	N
16.554750	33.96	50.00	16.04	1000.0	9.000	N
18.919500	38.39	50.00	11.61	1000.0	9.000	N
20.100750	35.62	50.00	14.38	1000.0	9.000	N

## 5.2 Emission in the Frequency Range above 30 MHz

### 5.2.1 Radiated emission (30-1000 MHz)

<b>Result:</b>	<b>Passed</b>
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Date of testing	: 2025-06-17
Test procedure	: FCC 47 CFR Part 15, Subpart B:2023, ICES-005:2018, ANSI C63.4-2014 and CISPR 16-2-3
Product classification	: Class B
Frequency range	: 30 – 1000 MHz (see Note 1)
Limits	: Quasi-peak limits (3 m distance): 30 – 88 MHz, 40 dB $\mu$ V/m; 88 – 216 MHz, 43.5 dB $\mu$ V/m; 216 – 1000 MHz, 46 dB $\mu$ V/m (see Note 2)
Bandwidth of EMI receiver for final measurement	: 120 kHz
Measurement time for final measurement	: 1 s
Kind of test site	: Semi-anechoic chamber
Input voltage	: AC 120 V, 60 Hz for power supply and power supply of laptop
Operational mode	: Mode 1: The EUT is powered by power supply via the USB port and lighting on with dimming. Mode 2: The EUT was powered by laptop and lighting on with dimming. (The EUT was measured on multiple color, only the worst case was record in the report.)
Ambient condition	: Temperature: 24.3 °C; Relative humidity: 48 %
Expanded measurement uncertainty ( $k=2$ )	: 5.40 dB The minimum margin to the limit is 10.02 dB at 35.456250 MHz. The margin is higher than expanded measurement uncertainty.

The radiated disturbance test was carried out in a semi-anechoic chamber. The test distance from the receiving antenna to the EUT is 3 m. The normalized site attenuation of the semi-anechoic chamber is regularly calibrated to ensure the radiated disturbance test results are valid. During the test, the EUT was placed on an 80 cm wooden support above the reference ground plane. The wooden support was rotated 360° around and the height of the antenna was varied from 1 m to 4 m to find the maximum disturbance. The test was performed with the antenna both in its horizontal and vertical polarizations.

The following figures and tables were those measured by an automatic measurement system. A preview test was firstly performed with peak detector. The final test was performed with quasi-peak at those critical frequencies during the preview test. In the following spectral diagram, “×” means quasi-peak test results.

Notes on following tables of radiated emission results and conversions:

QuasiPeak (dB $\mu$  V/m): final measurement results by using quasi-peak detector

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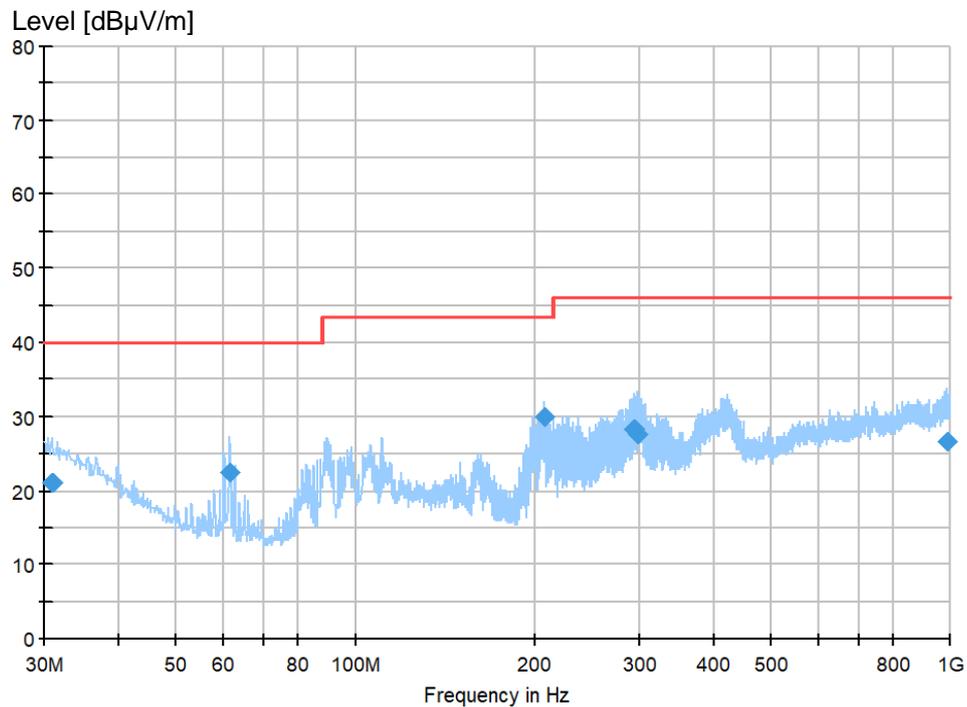
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Corr. (dB): correction factor including: antenna factor, cable loss, and gain of pre-amplifier (if used)

Margin: Limit (dB $\mu$ V/m) - QuasiPeak (dB $\mu$ V/m)

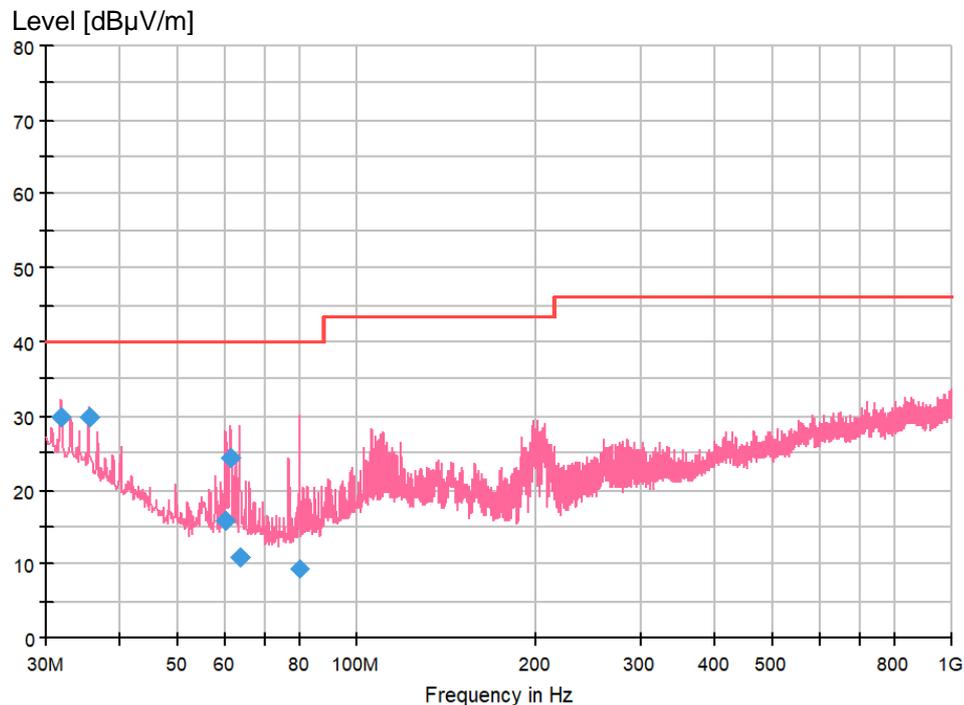
*Note 1: The highest frequency in the EUT is less than 108 MHz. According to FCC Part 15 subpart B §15.33 (b) (1), the upper frequency for radiated emission measurement is 1000 MHz.*

*Note 2: The class B limits of ICES-005:2018 is stricter than those FCC 47 CFR Part 15, Subpart B:2023 for 3 m test distance. Therefore, the former limits are used in following figures and tables.*

**Figure 5: Spectral Diagrams, Radiated Emission, 30 MHz – 1000 MHz, Horizontal polarization, mode 1**


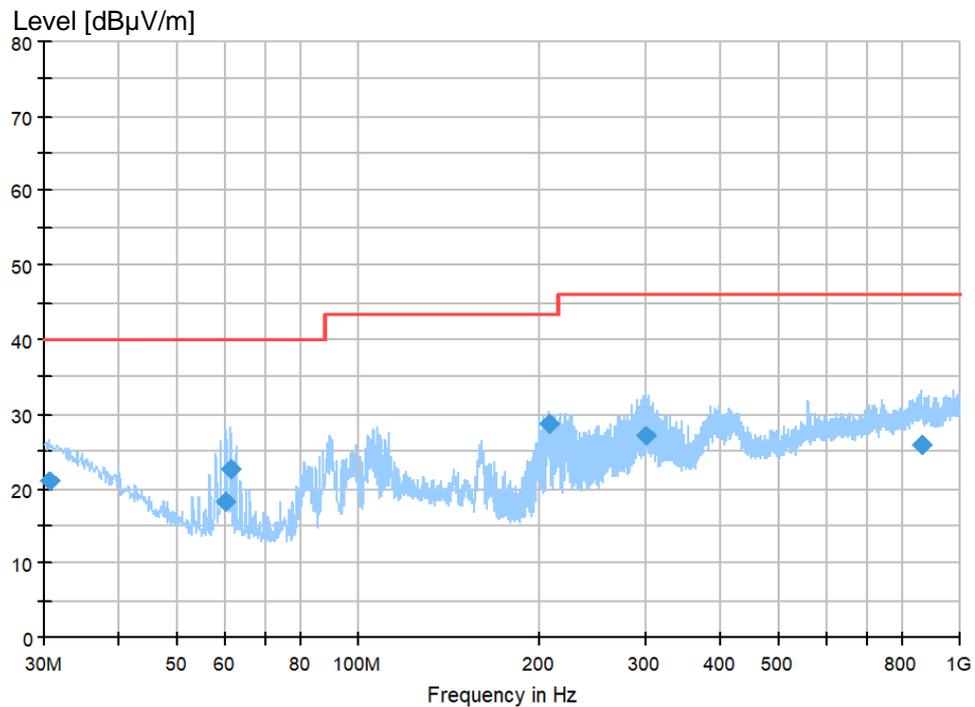
Final quasi-peak measurement results:

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
30.848750	21.04	40.00	18.96	1000.0	120.000	330.0	H	-60.0
61.403750	22.34	40.00	17.66	1000.0	120.000	330.0	H	-167.0
206.903750	29.91	43.50	13.59	1000.0	120.000	170.0	H	172.0
293.112500	28.22	46.00	17.78	1000.0	120.000	130.0	H	180.0
297.841250	27.57	46.00	18.43	1000.0	120.000	100.0	H	180.0
981.933750	26.58	46.00	19.42	1000.0	120.000	330.0	H	-113.0

**Figure 6: Spectral Diagrams, Radiated Emission, 30 MHz – 1000 MHz, Vertical polarization, mode 1**


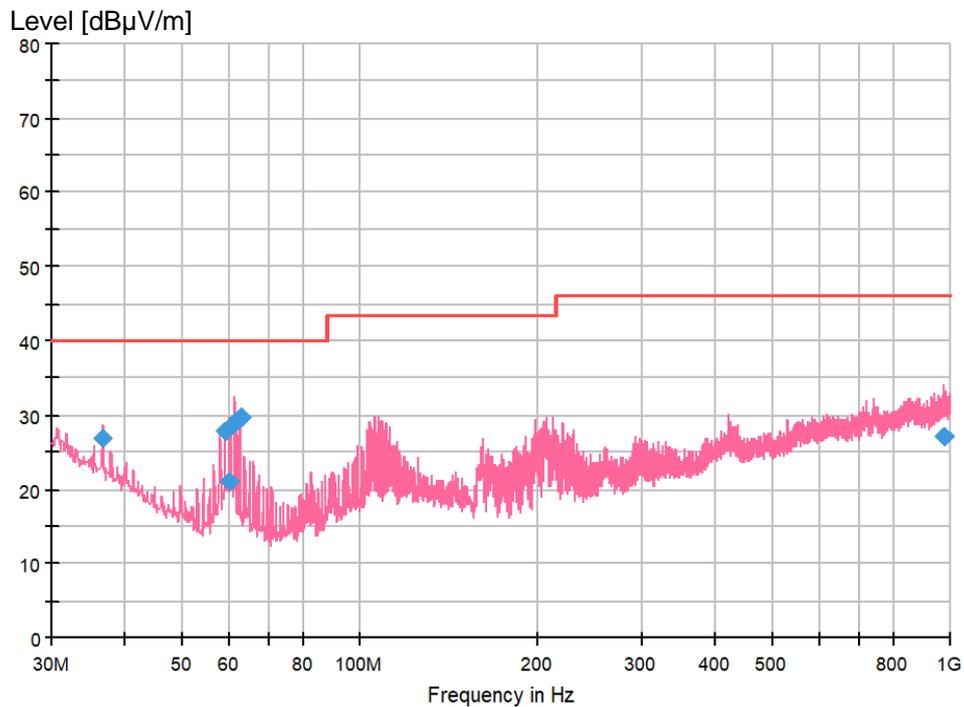
Final quasi-peak measurement results:

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
31.940000	29.95	40.00	10.05	1000.0	120.000	100.0	V	41.0
35.456250	29.98	40.00	10.02	1000.0	120.000	100.0	V	-108.0
60.191250	15.89	40.00	24.11	1000.0	120.000	100.0	V	109.0
61.403750	24.24	40.00	15.76	1000.0	120.000	322.0	V	-94.0
63.586250	11.02	40.00	28.98	1000.0	120.000	100.0	V	-180.0
79.955000	9.31	40.00	30.69	1000.0	120.000	224.0	V	-175.0

**Figure 7: Spectral Diagrams, Radiated Emission, 30 MHz – 1000 MHz, Horizontal polarization, mode 2**


Final quasi-peak measurement results:

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
30.848750	21.04	40.00	18.96	1000.0	120.000	330.0	H	-60.0
61.403750	22.34	40.00	17.66	1000.0	120.000	330.0	H	-167.0
206.903750	29.91	43.50	13.59	1000.0	120.000	170.0	H	172.0
293.112500	28.22	46.00	17.78	1000.0	120.000	130.0	H	180.0
297.841250	27.57	46.00	18.43	1000.0	120.000	100.0	H	180.0
981.933750	26.58	46.00	19.42	1000.0	120.000	330.0	H	-113.0

**Figure 8: Spectral Diagrams, Radiated Emission, 30 MHz – 1000 MHz, Vertical polarization, mode 2**


Final quasi-peak measurement results:

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
36.668750	26.85	40.00	13.15	1000.0	120.000	100.0	V	19.0
59.100000	27.78	40.00	12.22	1000.0	120.000	100.0	V	92.0
60.191250	21.12	40.00	18.88	1000.0	120.000	270.0	V	-93.0
61.403750	29.06	40.00	10.94	1000.0	120.000	270.0	V	-105.0
62.616250	29.63	40.00	10.37	1000.0	120.000	270.0	V	-126.0
975.628750	27.18	46.00	18.82	1000.0	120.000	226.0	V	125.0

## **6 Photographs of the Test Set-Up**

Refer to the test setup file.

## 7 List of Test and Measurement Instruments

Equip. no.	Equipment name	Model	Serial no.	Manufacturer	Cal. date	Due date
EMC-S-028	EMI measurement software	EMC32-E+ (10.60.20)	100150	Rohde & Schwarz	N/A	N/A
EMC-C-366	Thermohygrometer	608-H1	2485149174	testo	2024-07-26	2025-07-26
EMC-C-195	EMI test receiver	ESR3	102794	Rohde & Schwarz	2024-08-03	2025-08-03
EMC-C-190	Artificial mains network	ENV432	101514	Rohde & Schwarz	2024-10-11	2025-10-11
EMC-S-032	EMI measurement software	EMC32-MEB (10.60.20)	100697	Rohde & Schwarz	N/A	N/A
EMC-C-155	BiLog antenna	CBL 6112D	40530	Teseq	2025-03-24	2026-09-24
EMC-C-121	Thermohygrometer	608-H1	1241320265	testo	2025-06-05	2026-06-05
EMC-C-066	EMI test receiver	ESCI	100280	Rohde & Schwarz	2024-10-17	2025-10-17
EMC-C-001	3 m semi-anechoic chamber	SAC3	FJ129002	Frankonia	2023-12-03	2026-12-03

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**End of test report**