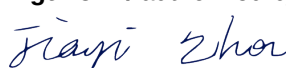


Prüfbericht-Nr.: Test Report No.:	CN253ZFE 001	Auftrags-Nr.: Order No.:	326055911	Seite 1 von 23 Page 1 of 23
Kunden-Referenz-Nr.: Client Reference No.:	1288983	Auftragsdatum: Order date.:	2025-04-24	
Auftraggeber: Client:	IKEA of Sweden AB Box 702, SE-343 81, Älmhult Sweden			
Prüfgegenstand: Test item:	Wireless charger (VÄSTMÄRKE)			
Bezeichnung / Typ-Nr.: Identification / Type No.:	E2400-S			
Auftrags-Inhalt: Order content:	TÜV Rheinland EMC service			
Prüfgrundlage: Test specification:	FCC 47 CFR Part 15, Subpart B:2023 Class B ICES-003:2020			
Wareneingangsdatum: Date of receipt:	2024-10-23	Refer to the EUT photos file		
Prüfmuster-Nr.: Test sample No.:	A003846623-008			
Prüfzeitraum: Testing period:	2025-05-14~2025-05-15			
Ort der Prüfung: Place of testing:	Refer to clause 1.1			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shanghai) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: / I tested by:		genehmigt von: / I authorized by:		
		 JiaYi Zhou		
Datum: / Date: 2025-06-27  XueLan Zhang		Datum: / Date: 2025-06-27		
Stellung: / Position: Project engineer		Stellung: / Position: Authorizer		
Sonstiges / Other:	FCC ID: FHO-E2400-S Test Firm Name: TUV Rheinland (Shanghai) Co., Ltd. Designation Number: CN1396 Test Firm Registration Number: 930979			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* 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 specifications(s) F(ail) = failed a.m. test specifications(s) N/A = not applicable N/T = not tested				
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. <i>This test report only relates to the a. m. 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.
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.</i></p> <p><i>Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p> |
| 2 | <p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature</p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i></p> |
| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.
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.</i></p> <p><i>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> |

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Revision history of test report:

Report number	Issue date	Contents and reason for change if appropriate
CN253ZFE 001	2025-06-27	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 a wireless charger (VÄSTMÄRKE). For the further information, refer to the user's manual.

2.2 Ratings and System Details

Rated input	: DC 5 V, 3 A; DC 9 V, 2.2 A
Output	: 15 W Max.
Protection class	: III

2.3 Independent Operation Modess

1. The basic operation mode is continuously operating with 5 W and 15 W load.
2. Standby mode

2.4 Description of interconnecting cables

None.

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 less than 108 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.

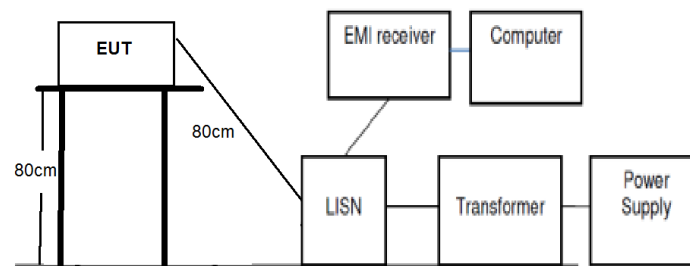
Refer to the related paragraph of this report.

The sequence of testing:

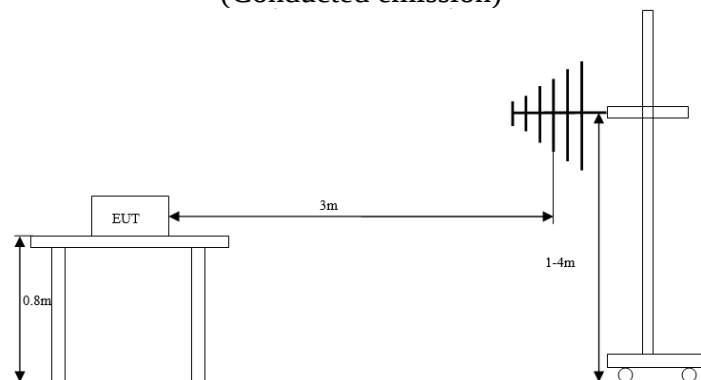
1. Radiated emission tests were performed on 2025-05-15.
2. Conducted emission tests were performed on 2025-05-14.

3.2 Equipment and cable arrangement

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



(Conducted emission)



(Radiated emission)

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3.3 Test Software

No special test software was used during the tests.

3.4 Special Accessories and Auxiliary Equipment

During the tests, the below equipment were used.

No.	Equipment	Model	Manufacturer	Rating
1	USB charger	E2501-NA	IKEA	Rated input: AC 100-240 V, 50/60 Hz; Max. 0.5 A Rated output: 5.0 V === 3.0 A 15.0 W 9.0 V === 2.22 A 20.0 W 12.0 V === 1.67 A 20.0 W 15.0 V === 1.33 A 20.0 W
2	Matching load	00T7070B43	Convenient power	15 W
3	Intelligent wireless charging full function test module	V3.1	YBZ	5 W

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_{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 Mains Terminal Continuous Disturbance Voltage

Result:		Passed
Date of testing	: 2025-05-14	
Test procedure	: FCC 47 CFR Part 15, Subpart B:2023, ICES-003:2020, 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 μ V (decrease with the logarithm of frequency); 0.5 - 5 MHz, 56 dB μ V; 5 - 30 MHz, 60 dB μ V Average limit: 0.15 - 0.5 MHz, 56 to 46 dB μ V (decrease with the logarithm of frequency); 0.5 – 5 MHz, 46 dB μ V; 5 – 30 MHz, 50 dB μ 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 (powered by USB charger)	
Operational mode	: Mode 1 as defined in clause 2.3	
Ambient condition	: Temperature: 22.4 °C; Relative humidity: 50 %	
Expanded measurement uncertainty (k=2)	: 2.33 dB The minimum margin to the limit is 10.17 dB at 0.359250 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.

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, “◆” mean Quasi-Peak Value and “◆” mean Average Value results.

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Notes on following tables of conducted emission results and conversions:

Level (dB μ 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 μ V) - Level (dB μ V)

*Note 1: The EUT generated the highest emission level under DC 9 V by measurement.
Therefore, only the data of DC 9 V was retained.*

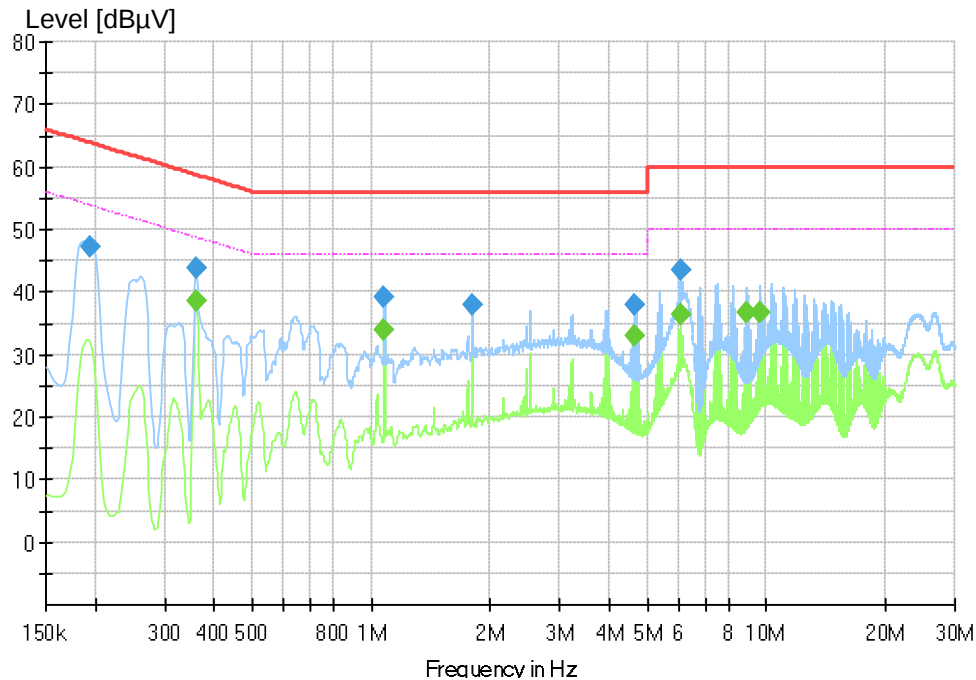
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Figure 1: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, L, 15 W load



Final Quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.195000	47.24	63.82	16.58	1000.0	9.000	L1	10.3
0.359250	43.77	58.75	14.98	1000.0	9.000	L1	10.3
1.079250	39.09	56.00	16.91	1000.0	9.000	L1	10.7
1.799250	37.79	56.00	18.21	1000.0	9.000	L1	10.2
4.634250	37.91	56.00	18.09	1000.0	9.000	L1	10.3
6.074250	43.44	60.00	16.56	1000.0	9.000	L1	10.6

Final Average measurement result:

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.359250	38.58	48.75	10.17	1000.0	9.000	L1	10.3
1.079250	33.99	46.00	12.01	1000.0	9.000	L1	10.7
4.634250	32.99	46.00	13.01	1000.0	9.000	L1	10.3
6.074250	36.40	50.00	13.60	1000.0	9.000	L1	10.6
8.909250	36.62	50.00	13.38	1000.0	9.000	L1	10.8
9.629250	36.60	50.00	13.40	1000.0	9.000	L1	10.8

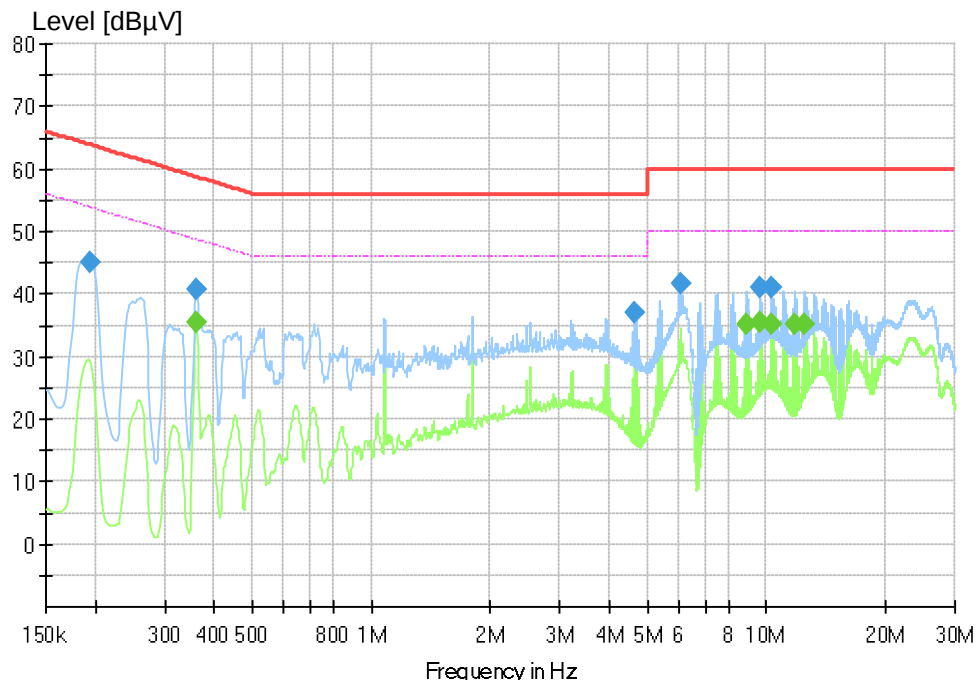
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Figure 2: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, N, 15 W load



Final Quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.195000	45.17	63.82	18.65	1000.0	9.000	N	10.7
0.359250	40.72	58.75	18.03	1000.0	9.000	N	10.4
4.634250	36.94	56.00	19.06	1000.0	9.000	N	10.7
6.074250	41.58	60.00	18.42	1000.0	9.000	N	10.6
9.629250	40.90	60.00	19.10	1000.0	9.000	N	11.0
10.349250	41.04	60.00	18.96	1000.0	9.000	N	11.1

Final Average measurement result:

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.359250	35.49	48.75	13.26	1000.0	9.000	N	10.4
8.909250	35.05	50.00	14.95	1000.0	9.000	N	10.9
9.629250	35.35	50.00	14.65	1000.0	9.000	N	11.0
10.349250	35.15	50.00	14.85	1000.0	9.000	N	11.1
11.744250	35.22	50.00	14.78	1000.0	9.000	N	11.1
12.464250	35.21	50.00	14.79	1000.0	9.000	N	11.1

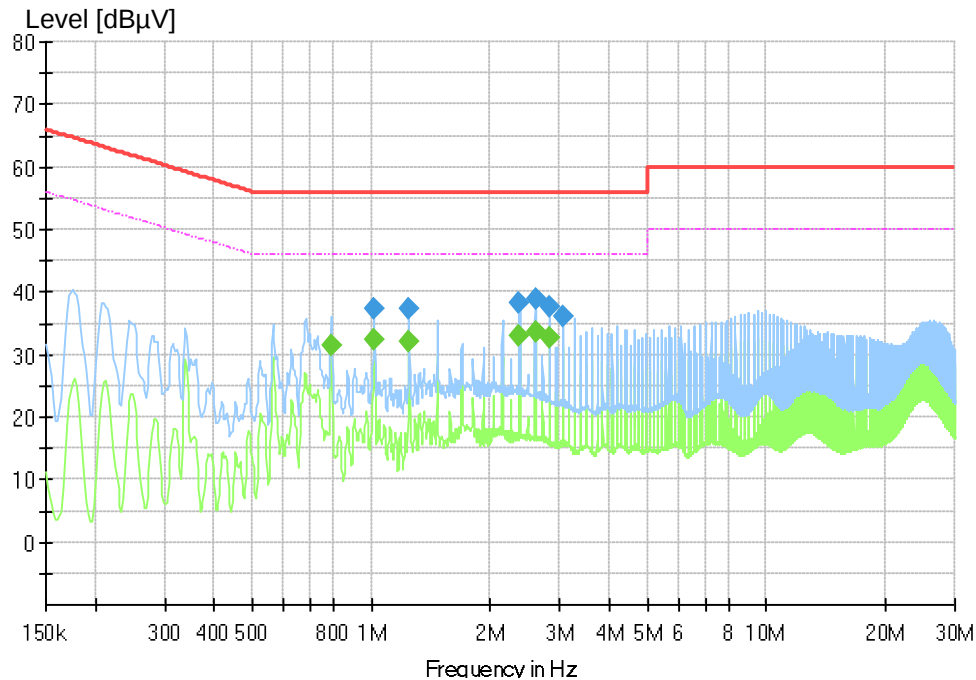
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Figure 3: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, L, 5 W load



Final Quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
1.016250	37.20	56.00	18.80	1000.0	9.000	L1	10.7
1.243500	37.19	56.00	18.81	1000.0	9.000	L1	10.5
2.373000	38.24	56.00	17.76	1000.0	9.000	L1	10.1
2.600250	38.87	56.00	17.13	1000.0	9.000	L1	10.1
2.825250	37.51	56.00	18.49	1000.0	9.000	L1	10.2
3.052500	36.19	56.00	19.81	1000.0	9.000	L1	10.2

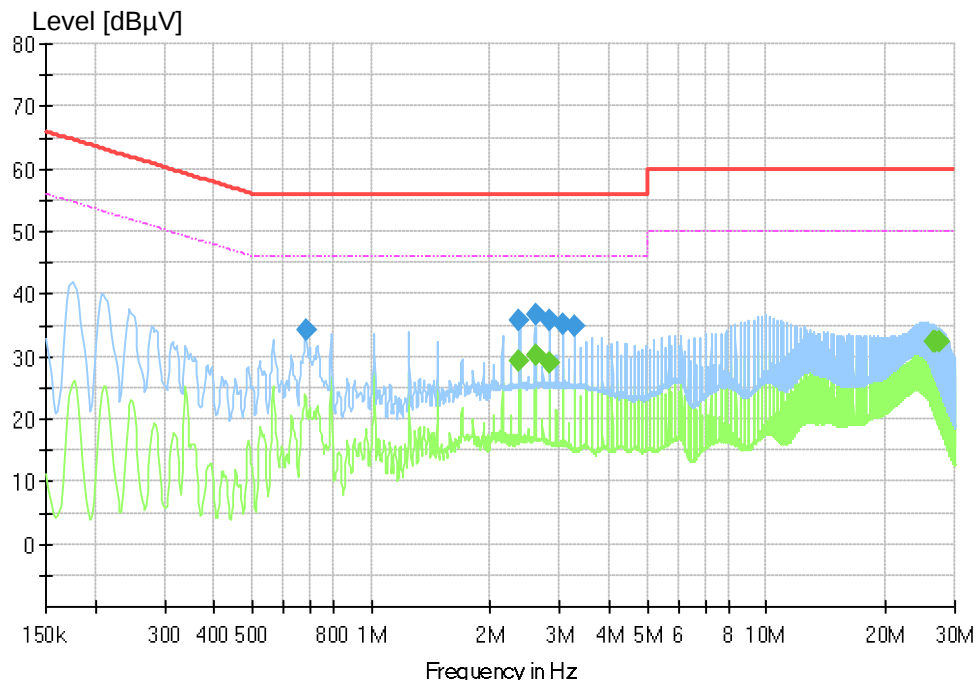
Final Average measurement result:

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.791250	31.34	46.00	14.66	1000.0	9.000	L1	10.4
1.016250	32.25	46.00	13.75	1000.0	9.000	L1	10.7
1.243500	32.08	46.00	13.92	1000.0	9.000	L1	10.5
2.373000	32.94	46.00	13.06	1000.0	9.000	L1	10.1
2.600250	33.74	46.00	12.26	1000.0	9.000	L1	10.1
2.825250	32.80	46.00	13.20	1000.0	9.000	L1	10.2

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Figure 4: Spectral Diagrams, Conducted Emission, 150 kHz – 30 MHz, N, 5 W load



Final Quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.683250	34.30	56.00	21.70	1000.0	9.000	N	10.4
2.373000	35.90	56.00	20.10	1000.0	9.000	N	10.6
2.600250	36.76	56.00	19.24	1000.0	9.000	N	10.6
2.825250	35.77	56.00	20.23	1000.0	9.000	N	10.6
3.052500	35.18	56.00	20.82	1000.0	9.000	N	10.6
3.277500	34.70	56.00	21.30	1000.0	9.000	N	10.6

Final Average measurement result:

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
2.373000	29.37	46.00	16.63	1000.0	9.000	N	10.6
2.600250	30.30	46.00	15.70	1000.0	9.000	N	10.6
2.825250	28.92	46.00	17.08	1000.0	9.000	N	10.6
26.448000	32.42	50.00	17.58	1000.0	9.000	N	11.6
26.900250	32.44	50.00	17.56	1000.0	9.000	N	11.6
27.352500	32.45	50.00	17.55	1000.0	9.000	N	11.6

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5.2 Emission in the Frequency Range above 30 MHz

5.2.1 Radiated emission (30 MHz - 1 GHz)

Result:	Passed
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Date of testing	: 2025-05-15
Test procedure	: FCC 47 CFR Part 15, Subpart B:2023, ICES-003:2020, ANSI C63.4-2014 and CISPR 16-2-3
Frequency range	: 30 – 1000 MHz (see Note 1)
Limits	: Quasi-peak limits (3 m distance): 30 – 88 MHz, 40 dB μ V/m; 88 – 216 MHz, 43.5 dB μ V/m; 216 – 960 MHz, 46 dB μ V/m; Above 960 MHz, 54 dB μ 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
Operational mode	: Mode 1 as defined in clause 2.3
Input voltage	: AC 120 V; 60 Hz (powered by USB charger)
Ambient condition	: Temperature: 21.2 °C; Relative humidity: 49 %
Expanded measurement uncertainty ($k=2$)	: 5.40 dB The minimum margin to the limit is 8.9 dB at 30.360000 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 a 0.8 m high wooden table above the reference ground plane. The wooden table 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, “x” means quasi-peak test results.

Note 1: The highest frequency of the internal sources of the EUT is less than 108 MHz, so according to FCC 47 CFR Part 15, Subpart B:2020 this measurement was only made up to 1 GHz.

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Note 2: The class B limits of FCC 47 CFR Part 15, Subpart B:2023 is stricter than those ICES-003:2020 for 3 m test distance. Therefore, the former limits are used in following figures and tables.

Note 3: The EUT generated the highest emission level under DC 9 V by measurement. Therefore, only the data of DC 9 V was retained.

Notes on following tables of radiated emission results and conversions:

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

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

Margin: Limit (dB μ V/m) - QuasiPeak (dB μ V/m)

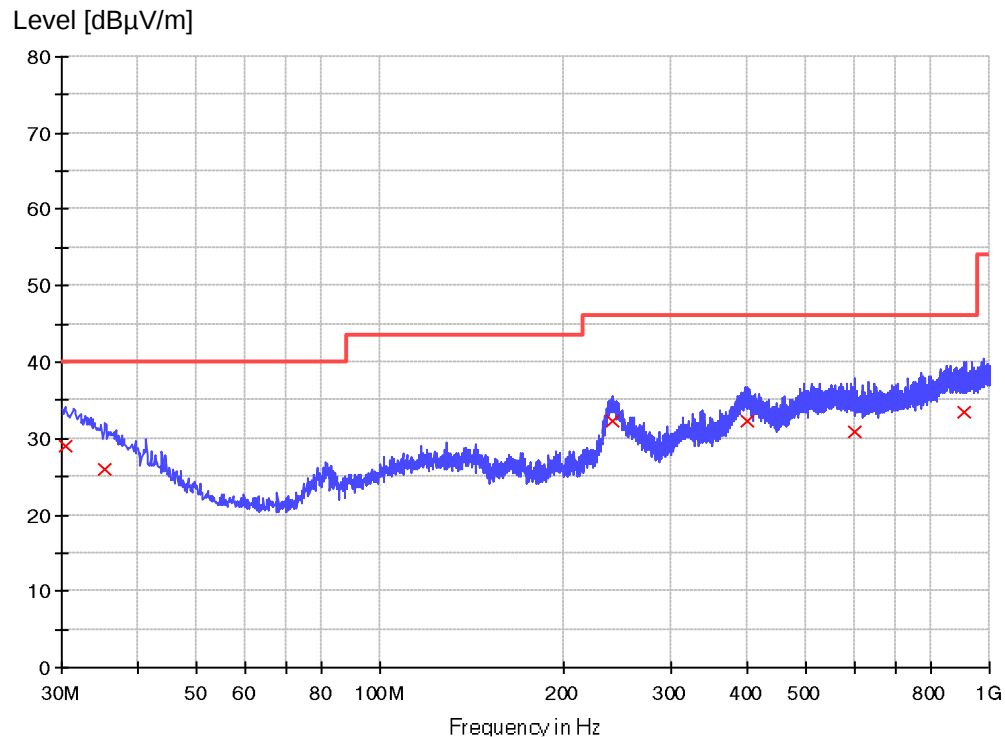
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Figure 5: Spectral Diagrams and measurement results, horizontal polarization (30 MHz to 1 GHz), 15 W load



Final Quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBμV/m)
30.363750	29.0	1000.0	120.000	172.0	H	23.0	25.5	11.0	40.0
35.335000	26.1	1000.0	120.000	189.0	H	27.0	22.6	13.9	40.0
240.005000	32.3	1000.0	120.000	191.0	H	87.0	18.3	13.7	46.0
400.055000	32.3	1000.0	120.000	122.0	H	103.0	23.0	13.7	46.0
599.753750	30.8	1000.0	120.000	108.0	H	45.0	26.6	15.2	46.0
907.728750	33.4	1000.0	120.000	107.0	H	-123.0	28.6	12.6	46.0

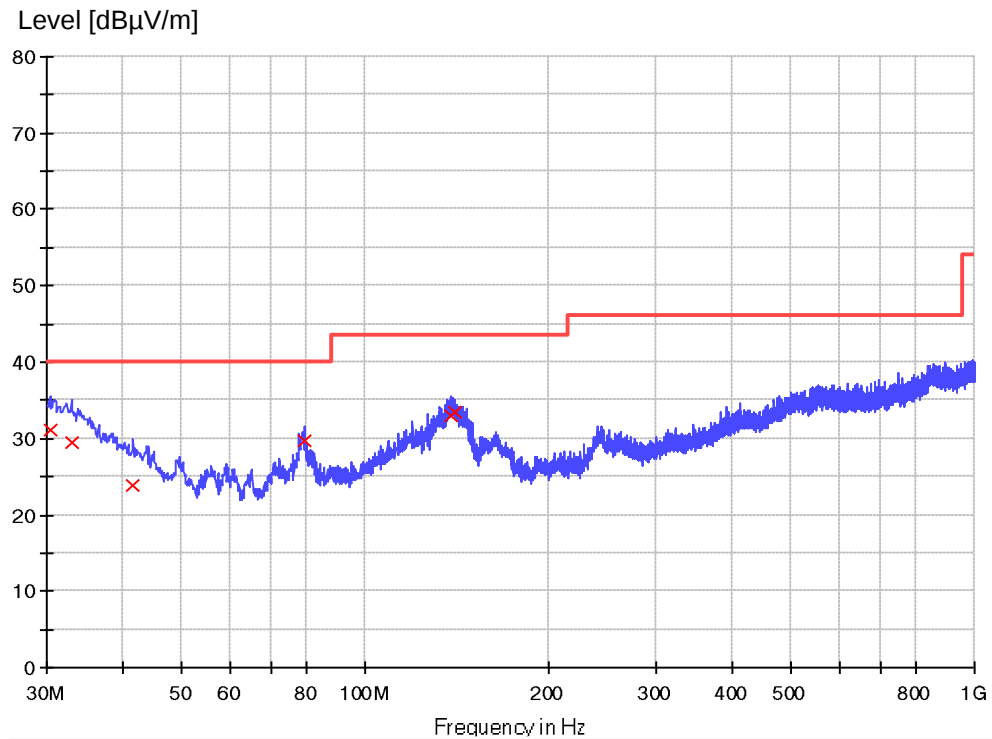
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Figure 6: Spectral Diagrams and measurement results, vertical polarization (30 MHz to 1 GHz), 15 W load



Final Quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBμV/m)
30.360000	31.1	1000.0	120.000	102.0	V	11.0	25.5	8.9	40.0
32.920000	29.5	1000.0	120.000	104.0	V	23.0	24.0	10.5	40.0
41.640000	24.0	1000.0	120.000	112.0	V	91.0	19.1	16.0	40.0
79.360000	29.8	1000.0	120.000	132.0	V	-102.0	13.8	10.2	40.0
137.800000	33.0	1000.0	120.000	129.0	V	-91.0	18.3	10.5	43.5
139.840000	33.4	1000.0	120.000	103.0	V	-103.0	18.2	10.1	43.5

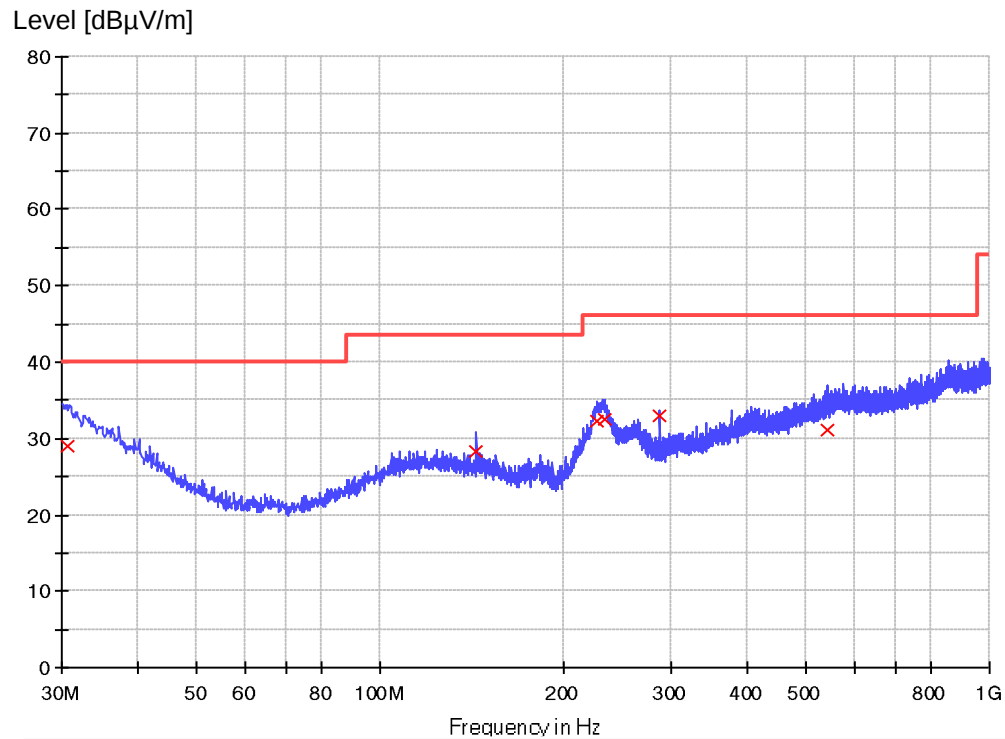
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Figure 7: Spectral Diagrams and measurement results, horizontal polarization (30 MHz to 1 GHz), 5 W load



Final Quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBμV/m)
30.606250	29.0	1000.0	120.000	196.0	H	-56.0	25.3	11.0	40.0
143.975000	28.2	1000.0	120.000	174.0	H	63.0	17.9	15.3	43.5
226.425000	32.3	1000.0	120.000	121.0	H	29.0	16.7	13.7	46.0
232.851250	32.5	1000.0	120.000	109.0	H	-35.0	17.4	13.5	46.0
288.020000	33.1	1000.0	120.000	107.0	H	109.0	19.9	12.9	46.0
543.008750	31.1	1000.0	120.000	139.0	H	74.0	26.3	14.9	46.0

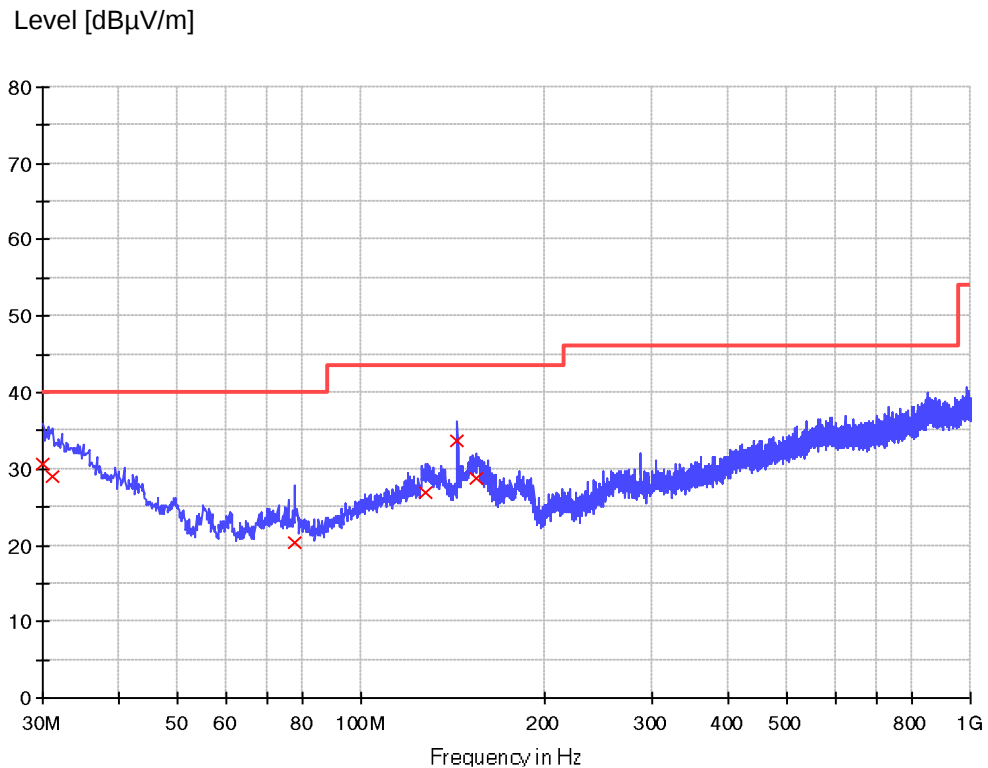
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Figure 8: Spectral Diagrams and measurement results, vertical polarization (30 MHz to 1 GHz), 5 W load



Final Quasi-peak measurement result:

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBμV/m)
30.000000	30.6	1000.0	120.000	103.0	V	47.0	25.7	9.4	40.0
31.212500	29.1	1000.0	120.000	186.0	V	-89.0	25.0	10.9	40.0
77.772500	20.5	1000.0	120.000	174.0	V	123.0	13.6	19.6	40.0
127.727500	27.0	1000.0	120.000	106.0	V	-96.0	18.8	16.5	43.5
143.975000	33.8	1000.0	120.000	114.0	V	-142.0	17.9	9.8	43.5
153.917500	28.9	1000.0	120.000	112.0	V	-107.0	17.2	14.6	43.5

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6 Photographs of the Test Set-Up

Refer to the test setup file.

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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	2026-03-24
EMC-C-121	Thermohygrometer	608-H1	1241320265	testo	2024-06-25	2025-06-25
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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