Prüfbericht-Nr.: *Test report no.*:	**CN25KGBO 001**	**Auftrags-Nr.:** *Order no.*:	168512030	Seite 1 von 17 *Page 1 of 17*
Kunden-Referenz-Nr.: *Client reference no.*:	N/A	**Auftragsdatum:** *Order date:*	2024-10-30	
Auftraggeber: *Client*:	**IKEA of Sweden AB** Box 702, SE-343 81, Älmhult, Sweden			
Prüfgegenstand: *Test item*:	Wireless charger with light (VÄSTMÄRKE)			
Bezeichnung / Typ-Nr.: *Identification / Type no.*:	E2400-T			
Auftrags-Inhalt: *Order content*:	Test Report			
Prüfgrundlage: *Test specification*:	CFR47 FCC Part 15: Subpart C Section 15.215 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart C Section 15.207			

Wareneingangsdatum: *Date of sample receipt*:	2024-10-30	Please refer to Photo Document
Prüfmuster-Nr.: *Test sample no:*	A003857143-002	
Prüfzeitraum: *Testing period*:	2024-10-30 - 2025-02-21	
Ort der Prüfung: *Place of testing*:	TÜV Rheinland (Shenzhen) Co., Ltd.	
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.	
Prüfergebnis*: *Test result**:	Pass	

geprüft von: tested by:	X Hardy Suo	**genehmigt von:** *authorized by*:	X Lin Lin
Datum: *Date:*	2025-02-28	**Ausstellungsdatum:** *Issue date:*	2025-02-28
Stellung / Position:	Sachverständige(r)/Expert	**Stellung** / Position:	Sachverständige(r)/Expert

Sonstiges / *Other*: FCC ID: FHO-E2400-T

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 specification(s)*	*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

Prüfbericht-Nr.: CN25KGBO 001
Test report no.:

Anmerkungen
Remarks

1	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. *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.*
2	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 *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*
3	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. *Test clauses with remark of * are subcontracted to qualified subcontractors and descripted under the respective test clause in the report.* *Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.*
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnisen 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 bezueglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. *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.*

Test Summary

5.1.1 ANTENNA REQUIREMENT
RESULT: Pass

5.1.2 20DB BANDWIDTH
RESULT: Pass

5.1.3 RADIATED SPURIOUS EMISSION
RESULT: Pass

5.1.4 CONDUCTED EMISSION ON AC MAINS
RESULT: Pass

Contents

1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of FCC Part 15C.

Appendix B: Photographs of the Test Set-up.

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.
2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China

A2LA Certificate Number: 5162.01

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing						
Equip. No.	**Description**	**Manufacturer**	**Model**	**Serial No.**	**Cal. Date**	**Cal. Due**
G1825795	Signal Analyzer	R&S	FSV 40	101441	26.09.2024	25.09.2025
G1826483	Humid & Temp Programmable Tester	BOST	NTH090-60	19040801	01.03.2024	28.02.2025
G1826431	Shielding Room	Albatross	SR1	APC17151-SR1	14.09.2024	13.09.2027
Unwanted Emission Testing						
Equip. No.	**Description**	**Manufacturer**	**Model**	**Serial No.**	**Cal. Date**	**Cal. Due**
G1826021	EMI Test Receiver	R&S	ESR 7	102021	29.09.2024	28.09.2025
G1826023	Signal Analyzer	R&S	FSV 40	101439	29.09.2024	28.09.2025
G1826024	System Controller Interface	R&S	SCI-100	S10010038	N/A	N/A
G1826026	OSP	R&S	OSP 120	102040	N/A	N/A
G1826028	Pre-amplifier	R&S	SCU08F1	08320031	29.09.2024	28.09.2025
G1826031	Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	28.09.2024	27.09.2026
G1826034	Active Loop Antenna	Schwarzbeck	FMZB 1513	302	28.09.2024	27.09.2026
G1826036	Test software	R&S	EMC32 (V10.60.10)	N/A	N/A	N/A
G1826037	Control PC	Dell	OptiPlex 7050	36NV9P2	N/A	N/A
G1826433	3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	14.09.2024	13.09.2027

Conducted Emission on AC Mains				
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Until**
EMI Test Receiver	R&S	ESR3	102680	2025-02-22
Artificial Mains Network	R&S	ENV216	102333	2025-07-22
Artificial Mains Network	R&S	ENV216	101445	2025-02-22
EMC32 test software	R&S	EMC32(Ver.10.50.00)	N/A	N/A

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basics using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Table 2: Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	RF output power, conducted	± 0.99 dB
2	Occupied Channel Bandwidth	± 2.08 %
3	RF power density, conducted	± 0.99 dB
4	Unwanted Emissions, conducted	± 0.89 dB
5	Radiated Emission of Transmitter, valid up to 26.5 GHz (FAC)	± 3.68 dB
6	Radiated Emission of Receiver, valid up to 26.5 GHz (FAC)	± 3.68 dB
7	All emissions, radiated (SAC)	± 4.17 dB
8	Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz)	± 3.70 dB / ± 3.30 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The EUT is a Wireless charger with light, which supports wireless charging (WPT) function.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT		**Value**
Kind of Equipment:		Wireless charger with light (VÄSTMÄRKE)
Type Designation:		E2400-T
FCC ID:		FHO-E2400-T
Operating Voltage:		5.0V⎓3A, 9.0V⎓2.2A
Test Voltage:		AC 120V, 60Hz (power supply to external adapter)
Operating Temperature Range:		0 °C ~ +40 °C
Wireless output power:		5.0W/7.5W/15.0W Output: 15.0W Max
Technical Specification of WPT		
Output	Frequency Range:	110.5kHz to 205kHz 360kHz
	Type of Modulation:	FSK
	Antenna Type:	Coil antenna
	Antenna Number:	1
	Wireless output power:	110.5kHz to 205kHz: 5W, 7.5W, 10W 360kHz: 15W

3.3 Independent Operation Modes

Mode	Test Description	Frequency	Client
1	Standby, Powered by AC/DC Adapter form 120V~60Hz	110.5kHz to 205kHz 360kHz	None
2	Direct contact During charging / operating between the EUT& WPT Client. EUT is powered by AC/DC adapter 120V~60Hz	110.5kHz to 205kHz	YBZ Load
3		360kHz	YBZ Load

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Block Diagram
- ID Label and Location Info
- User Manual
- Schematics
- Operation Description

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

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

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5 & 6. All testing were performed according to the procedures in ANSI C63.10: 2013.

According to clause 3.1, all tests were performed on model E2400-T in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Rating
Intelligent wireless charging full function test module	YBZ	V3.1	5W, 7.5W, 15W (Supports QI2)
AC/DC Adapter	IKEA	E2301-NA	Input: AC 110-240V, 50/60Hz Output: DC 5V, 3A DC 9V, 3A DC 12V, 2.5A DC 15V, 1.5A PPS: DC 5-11V, 3A PPS: DC 5-16V, 2A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 30MHz)

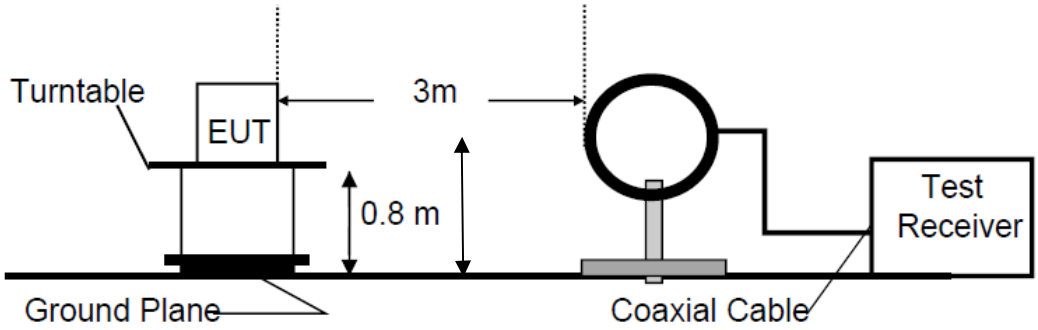


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

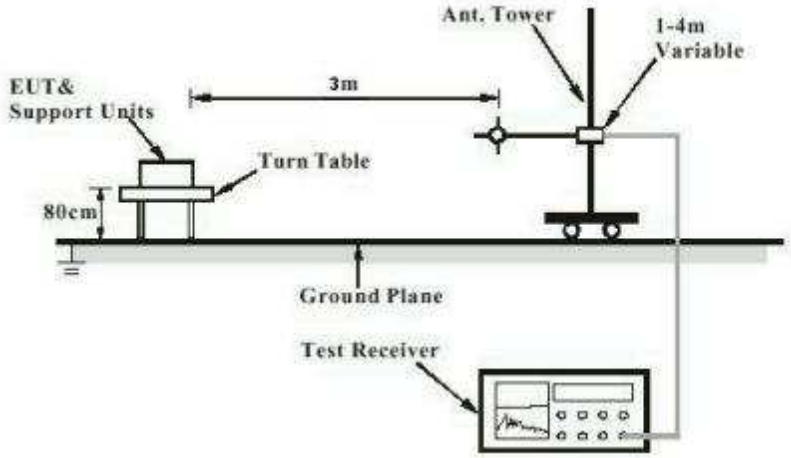
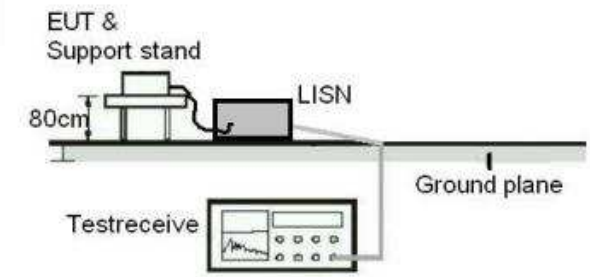


Diagram of Measurement Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: **Pass**

Test Specification

Test standard	:	Part 15.203 the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has internal antenna, and the antenna is permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 20dB Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.215(c)
Basic standard	:	ANSI C63.10: 2013
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-10-30 - 2025-01-06
Input voltage	:	AC 120V, 60Hz
Operation mode	:	Mode 1~3
Ambient temperature	:	23.5 ℃
Relative humidity	:	56.5 %
Atmospheric pressure	:	100.0 kPa

For the measurement records, refer to the appendix A.

Use the following spectrum analyzer settings:

1. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency
2. Span = approximately 2 to 5times the OBW
3. RBW = 1% to 5%of the OBW
4. VBW ≥ 3*RBW
5. Sweep = auto
6. Detector function = peak
7. Trace = max hold
8. All the trace to stabilize, use the marker-to-peak function to set the marker to the peak of the emission, use the marker-delta function to measure and record the 99% bandwidth of the emission

5.1.3 Radiated Spurious Emission

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.209 & 15.205
Basic standard	:	ANSI C63.10: 2013
Limits	:	Refer to 15.209(a)
Kind of test site	:	3m Semi-anechoic Chamber

Test Setup

Date of testing	:	2024-10-30 - 2025-01-06
Input voltage	:	AC 120V, 60Hz
Operation mode	:	Mode 1~3
Ambient temperature	:	Refer to test result
Relative humidity	:	Refer to test result
Atmospheric pressure	:	Refer to test result

For the measurement records, refer to the appendix A.

Note:
Measurements are to be taken in dBuV/m, corrected, and the end result shall be mathematically converted to the dBuA/m for RSS and presented against the correct limit.
E [dBμA/m] = AF [dBS/m] + V [dBμV] + Cable loss [dB]
E [dBμA/m] is the magnetic field strength (Final Test results)
AF [dBS/m] is the magnetic antenna factor of the antenna (H-field)
V [dBμV] is the reading level on the spectrum analyzer
Note that when using the AF [dBS/m] the 51.5 dB is already account for into the antenna factor.

Measurement bandwidth:
9 kHz – 150 kHz: RBW = 200 / 300 Hz
150 kHz – 30 MHz: RBW = 9 / 10 kHz
30 MHz -1000 MHz: RBW = 100 / 120 kHz

Test Procedure for 9kHz-30MHz

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The Loop Antenna centre which was at 1.3 m height above the ground plane.
3. The projection of the loop antenna centre onto the ground plane was at the measurement distance (3m) from the projection on the ground plane of the closest point on the boundary of the EUT.
4. The measurements were performed with the loop antenna placed vertically, in turn, in two polarizations:
5. coaxial (loop plane perpendicular to the ground plane and to the measurement axis); and
6. coplanar (loop plane perpendicular to the ground plane and coplanar with the measurement axis).

Test Procedures for 30MHz-1GHz:

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum HoldMode.
6. If the emission level of the EUT in peak mode was 3dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 3dB margin would be re-tested one by one using peak, quasi-peak as specified and then reported in a data sheet.

5.1.4 Conducted Emission on AC Mains

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.207(a)
Basic standard	:	ANSI C63.10: 2013
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a)
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2024-10-30 - 2025-01-06
Input voltage	:	AC 120V, 60Hz
Operation mode	:	Mode 1~3
Earthing	:	Not connected
Ambient temperature	:	22.9 ℃
Relative humidity	:	64.8 %
Atmospheric pressure	:	100.2 kPa

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix B.

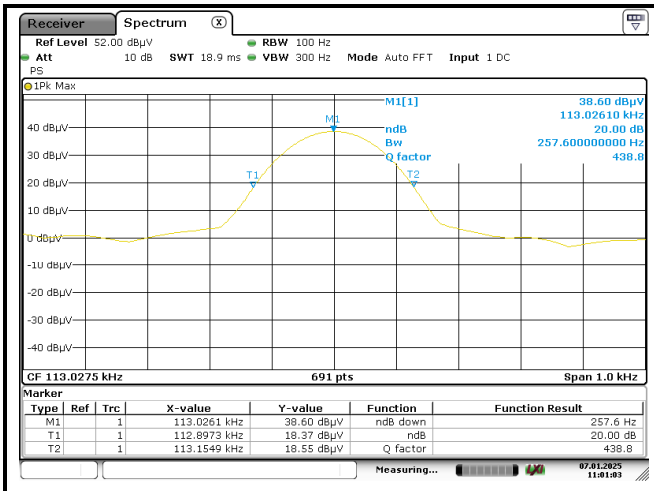
7 List of Tables

Appendix A: Test Results of FCC Part 15C

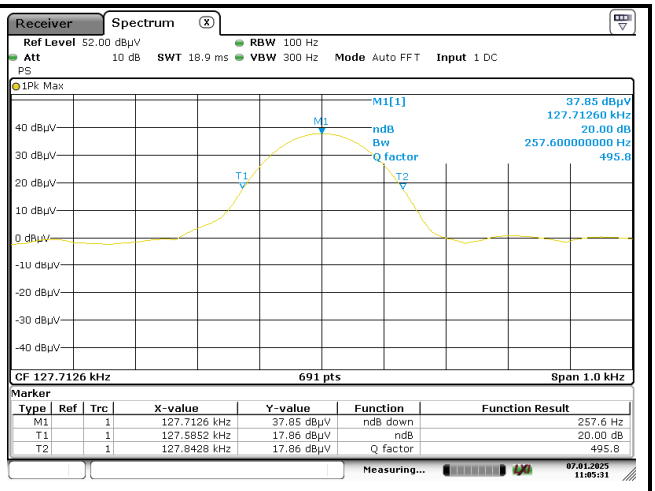
Appendix A.1: Test Results of 20dB Bandwidth

Frequency	20 dB Bandwidth (Hz)
110.5kHz to 205kHz (5W)	257.600
110.5kHz to 205kHz (10W)	257.600
360kHz (15W)	292.600

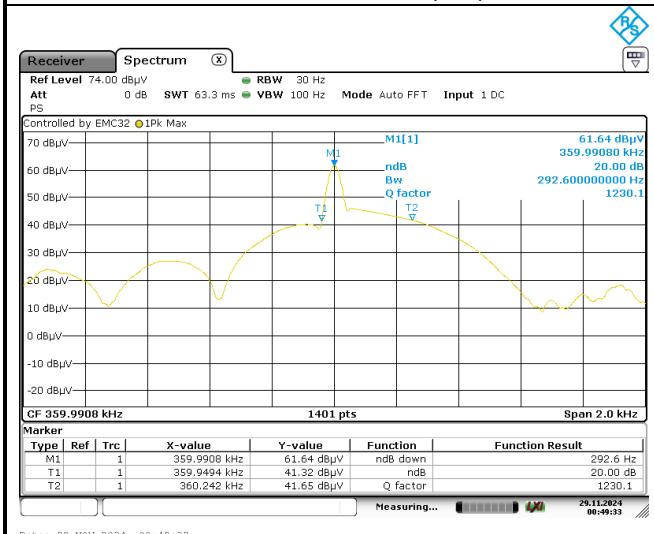
The test plot as follows:



110.5kHz to 205kHz (5W)



110.5kHz to 205kHz (10W)



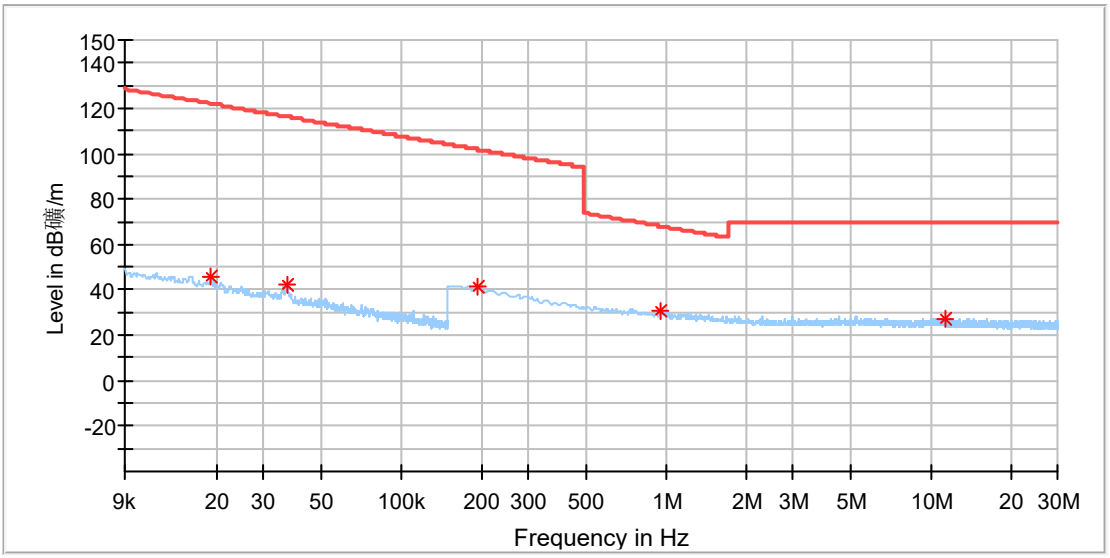
360kHz (15W)

Appendix A.2: Test Results of Radiated Spurious Emission

<Standby Mode>

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Standby Mode
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

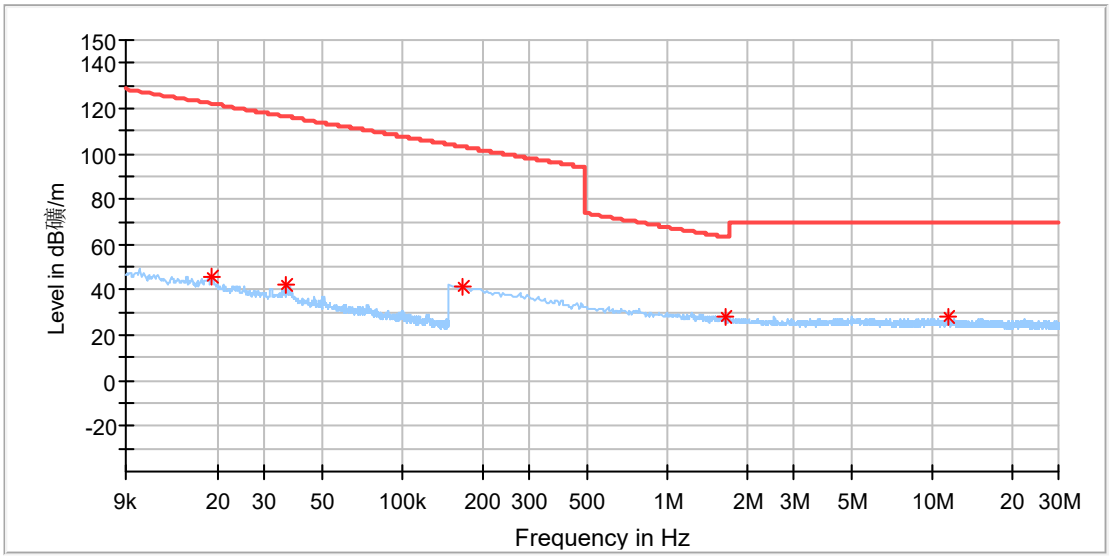
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019172	45.73	121.94	76.21	100.0	X	359.0	19.9
0.036797	42.45	116.28	73.82	100.0	X	260.0	19.9
0.193897	41.60	101.85	60.25	100.0	X	68.0	19.8
0.953316	31.02	68.04	37.01	100.0	X	191.0	19.9
11.207669	27.34	69.50	42.16	100.0	X	191.0	20.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Standby Mode
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

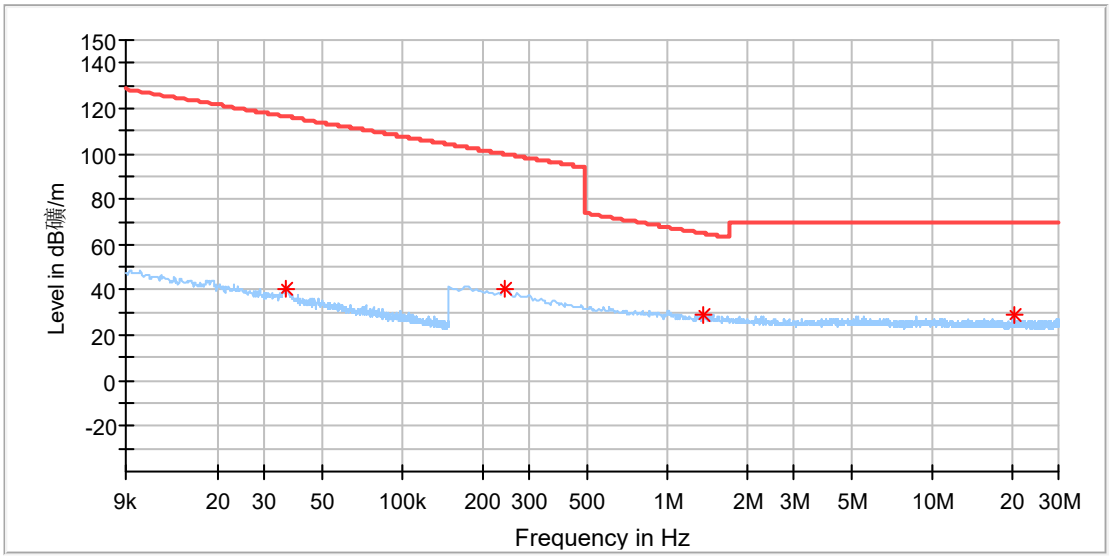
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019172	45.68	121.94	76.25	100.0	Y	48.0	19.9
0.036596	41.76	116.32	74.56	100.0	Y	150.0	19.9
0.167559	41.66	103.12	61.45	100.0	Y	91.0	19.8
1.655669	28.44	63.25	34.82	100.0	Y	210.0	20.0
11.427155	27.99	69.50	41.51	100.0	Y	86.0	20.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Standby Mode
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.036596	40.51	116.32	75.81	100.0	Z	11.0	19.9
0.242184	40.69	99.92	59.23	100.0	Z	213.0	19.9
1.357169	28.85	64.98	36.13	100.0	Z	317.0	19.9
20.268022	28.75	69.50	40.75	100.0	Z	326.0	20.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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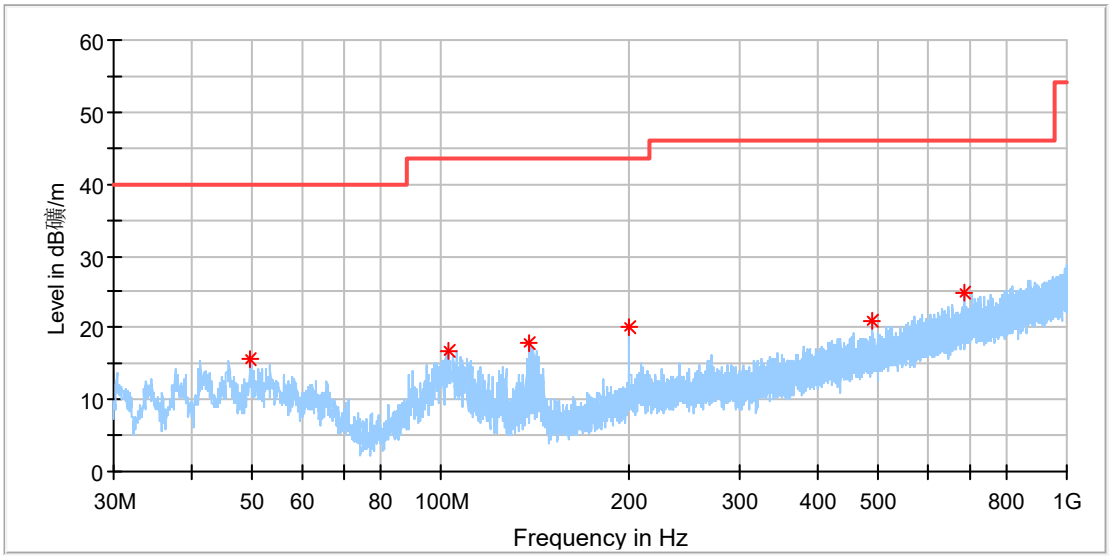
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Standby Mode
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.661154	15.57	40.00	24.43	100.0	H	282.0	-18.4
103.085769	16.72	43.50	26.78	100.0	H	205.0	-19.0
138.304231	17.99	43.50	25.51	100.0	H	237.0	-22.3
200.011154	20.20	43.50	23.30	100.0	H	156.0	-19.1
488.586154	20.90	46.00	25.10	100.0	H	322.0	-12.0
685.160385	24.83	46.00	21.17	100.0	H	163.0	-8.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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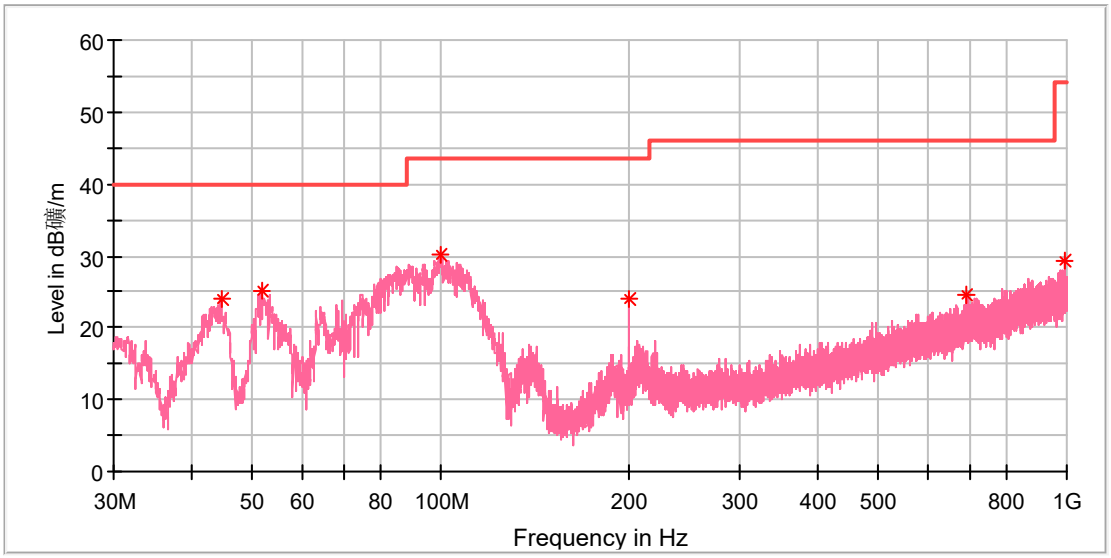
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Standby Mode
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.550000	24.10	40.00	15.90	100.0	V	66.0	-19.0
51.638462	25.05	40.00	14.95	100.0	V	213.0	-18.4
100.213077	30.24	43.50	13.26	100.0	V	337.0	-19.1
200.011154	23.95	43.50	19.55	100.0	V	286.0	-19.1
693.666539	24.45	46.00	21.55	100.0	V	229.0	-8.1
992.016154	29.18	54.00	24.82	100.0	V	165.0	-3.6

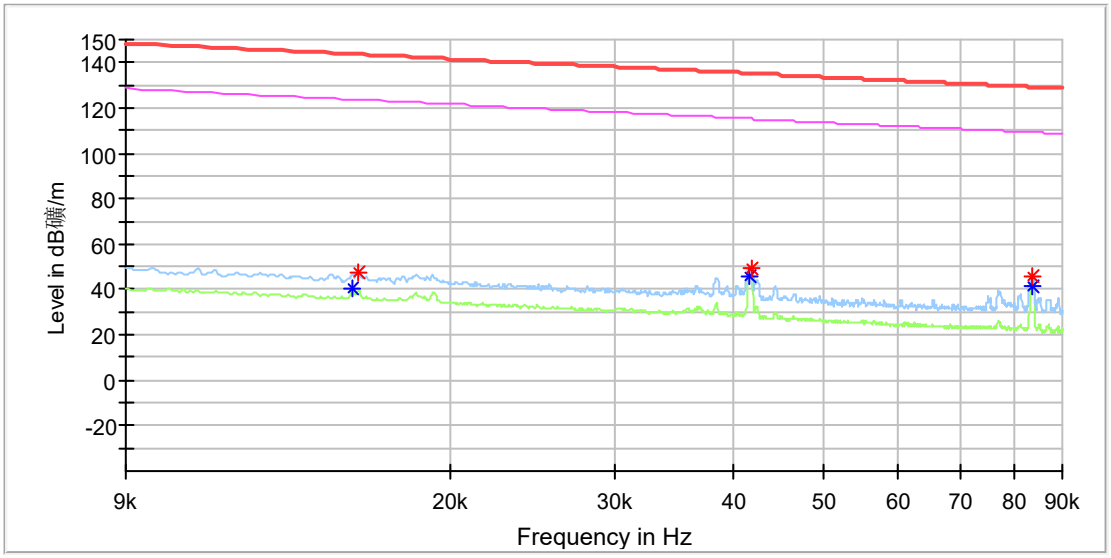
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

<Charing Mode, 110.5kHz to 205kHz (5W)>

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

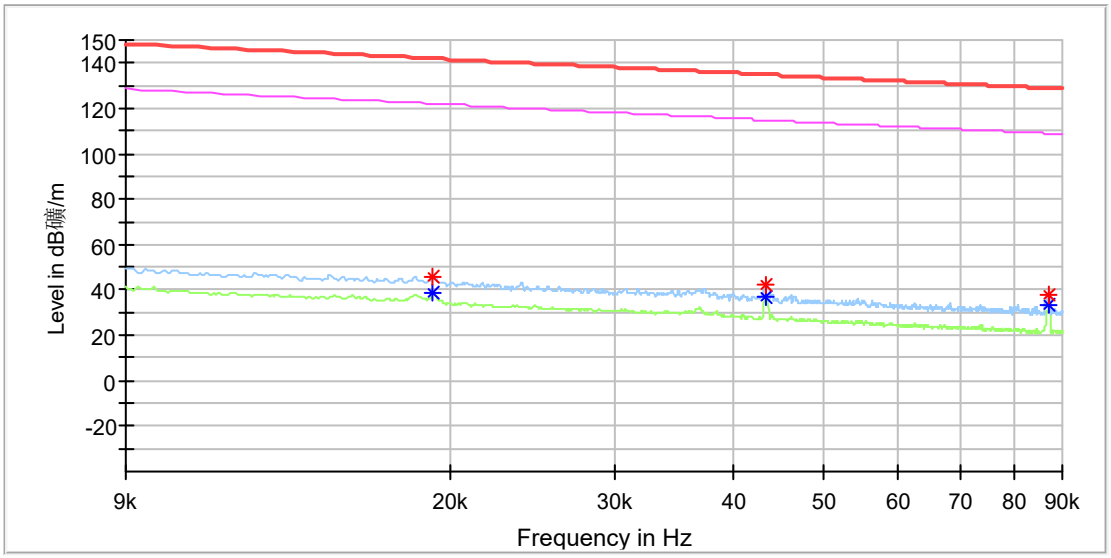


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.015711	---	40.81	123.66	82.86	100.0	X	310.0	20.0
0.015943	47.86	---	143.54	95.68	100.0	X	294.0	20.0
0.041689	---	46.16	115.19	69.03	100.0	X	84.0	20.0
0.041921	49.40	---	135.14	85.75	100.0	X	33.0	20.0
0.083520	---	41.11	109.16	68.04	100.0	X	354.0	20.0
0.083694	45.43	---	129.14	83.71	100.0	X	0.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

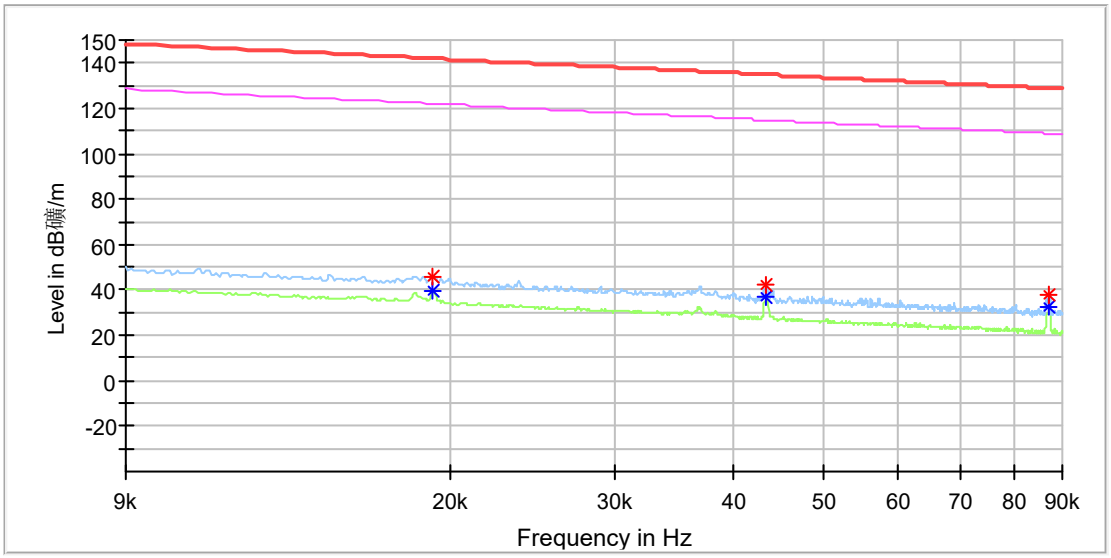


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019125	45.32	---	141.96	96.64	100.0	Y	280.0	20.0
0.019183	---	38.93	121.93	83.00	100.0	Y	280.0	20.0
0.043425	41.92	---	134.84	92.91	100.0	Y	218.0	20.0
0.043425	---	36.52	114.84	78.31	100.0	Y	218.0	20.0
0.086876	37.71	---	128.82	91.11	100.0	Y	139.0	20.0
0.086934	---	33.11	108.81	75.70	100.0	Y	280.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

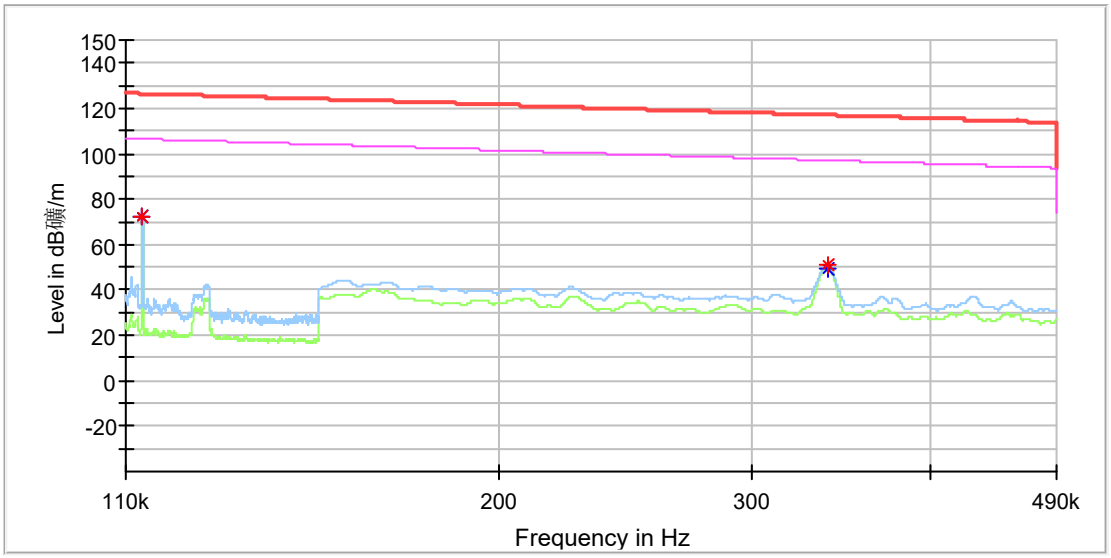


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019183	46.07	---	141.93	95.86	100.0	Z	130.0	20.0
0.019183	---	39.51	121.93	82.42	100.0	Z	130.0	20.0
0.043425	42.37	---	134.84	92.47	100.0	Z	161.0	20.0
0.043425	---	36.73	114.84	78.11	100.0	Z	161.0	20.0
0.086934	37.49	---	128.81	91.32	100.0	Z	268.0	20.0
0.086934	---	32.12	108.81	76.69	100.0	Z	268.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

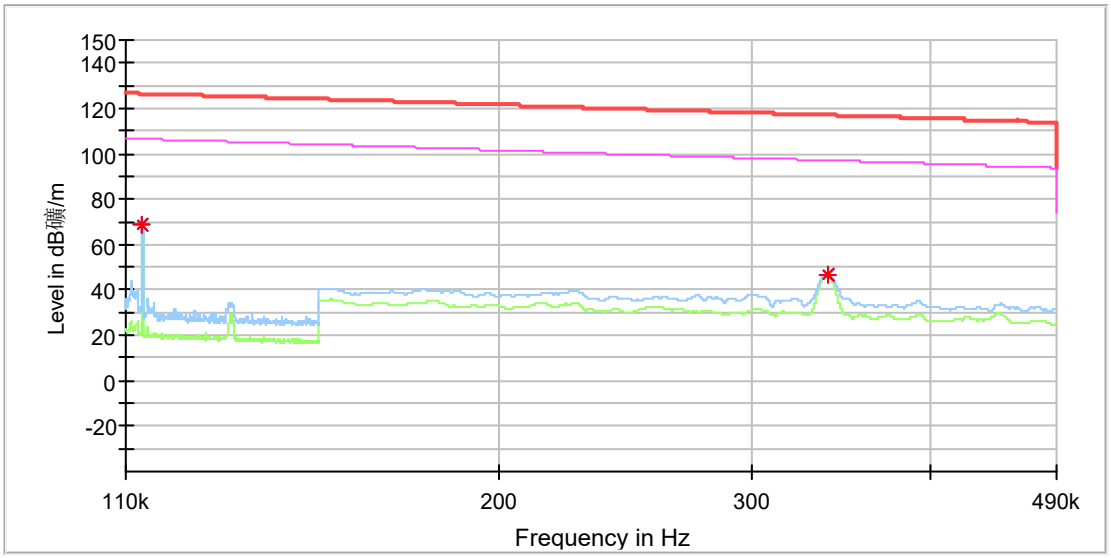


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.113029	72.52	---	126.53	54.01	100.0	X	48.0	20.0
0.113029	---	72.33	106.53	34.21	100.0	X	48.0	20.0
0.338950	50.63	---	117.00	66.37	100.0	X	49.0	20.0
0.339100	---	49.66	97.00	47.34	100.0	X	49.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

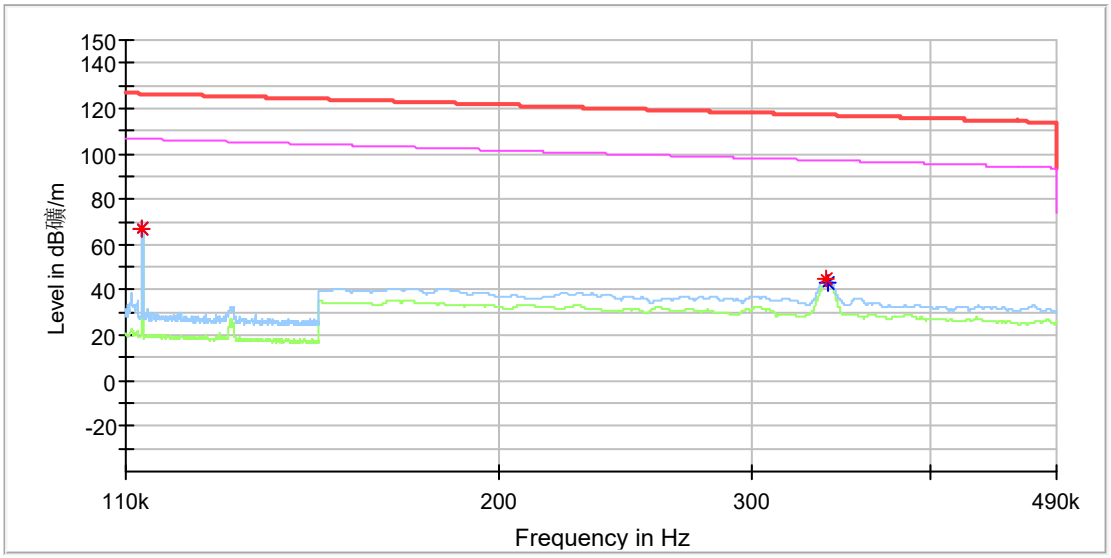


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.113029	68.62	---	126.53	57.92	100.0	Y	199.0	20.0
0.113029	---	68.41	106.53	38.12	100.0	Y	199.0	20.0
0.338950	46.96	---	117.00	70.04	100.0	Y	3.0	20.0
0.339000	---	46.30	97.00	50.70	100.0	Y	3.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

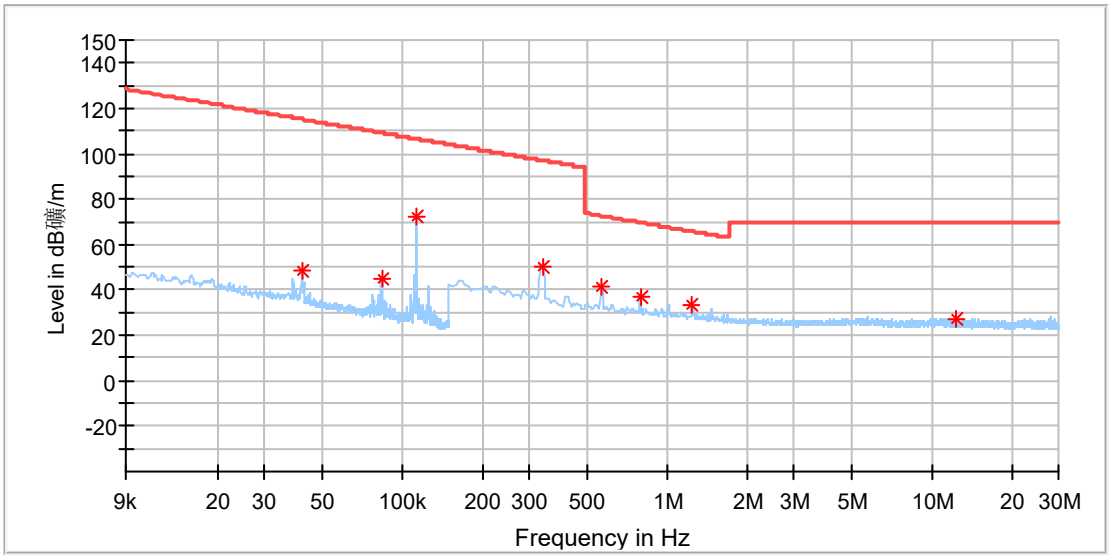


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.113029	66.89	---	126.53	59.64	100.0	Z	126.0	20.0
0.113029	---	66.70	106.53	39.83	100.0	Z	126.0	20.0
0.338700	44.75	---	117.01	72.25	100.0	Z	111.0	20.0
0.339100	---	43.04	97.00	53.96	100.0	Z	111.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.041531	48.62	115.23	66.61	100.0	X	186.0	19.9
0.083931	44.69	109.12	64.43	100.0	X	62.0	19.9
0.113038	72.45	106.53	34.08	100.0	X	47.0	19.9
0.338758	50.23	97.00	46.77	100.0	X	60.0	19.9
0.562633	40.88	72.60	31.72	100.0	X	79.0	19.9
0.790897	36.84	69.65	32.81	100.0	X	75.0	19.9
1.243037	33.67	65.74	32.07	100.0	X	49.0	19.9
12.410449	27.49	69.50	42.01	100.0	X	147.0	20.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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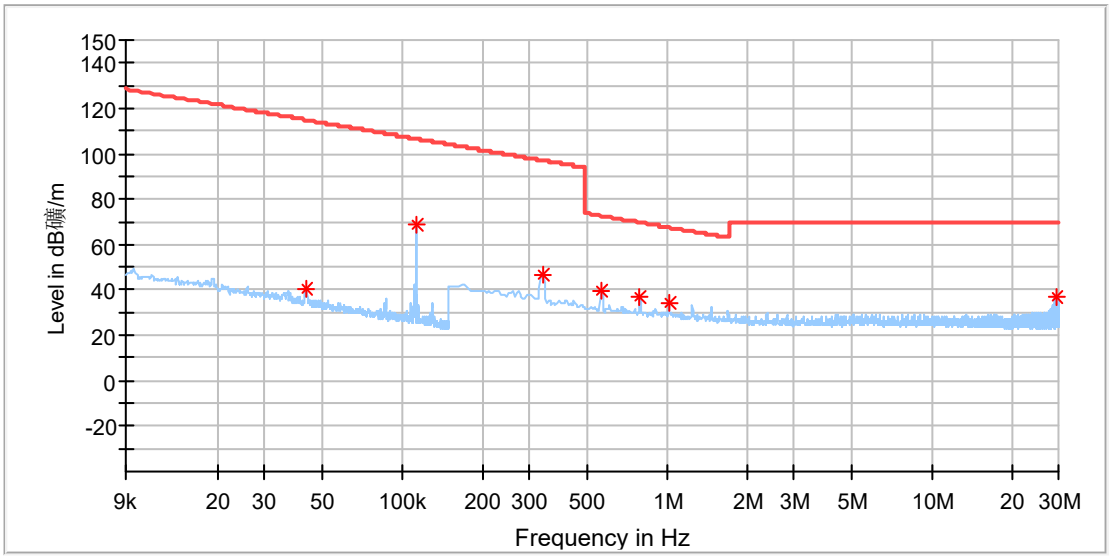
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.043444	40.31	114.83	74.53	100.0	Y	117.0	19.9
0.113038	68.48	106.53	38.05	100.0	Y	201.0	19.9
0.338758	46.94	97.00	50.06	100.0	Y	17.0	19.9
0.562633	39.97	72.60	32.64	100.0	Y	347.0	19.9
0.786508	37.13	69.70	32.57	100.0	Y	1.0	19.9
1.014772	34.20	67.49	33.29	100.0	Y	355.0	19.9
29.503963	37.18	69.50	32.32	100.0	Y	306.0	20.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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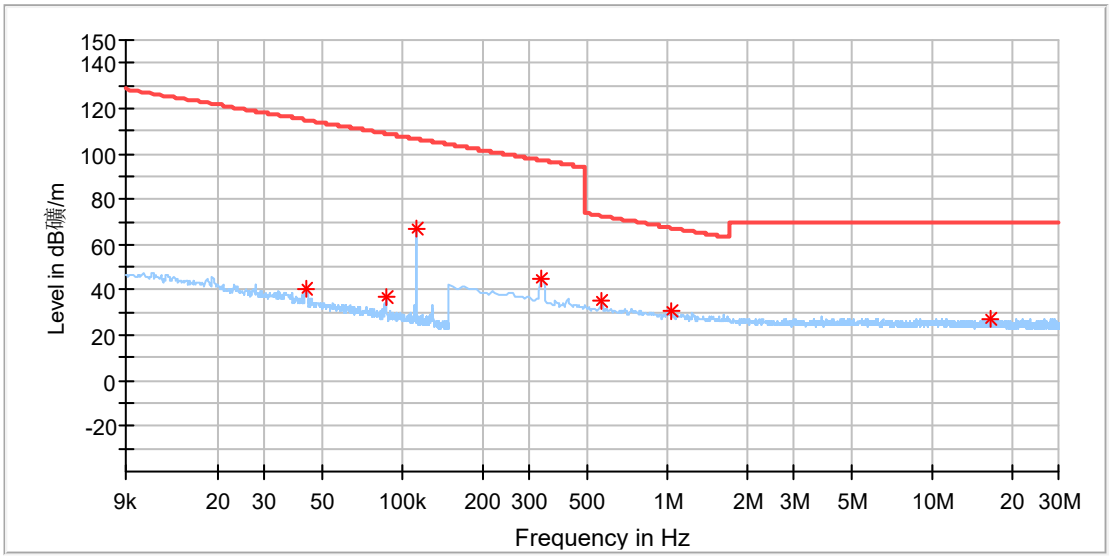
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.043344	40.54	114.85	74.31	100.0	Z	299.0	19.9
0.086953	36.72	108.81	72.09	100.0	Z	0.0	19.9
0.113038	66.80	106.53	39.74	100.0	Z	128.0	19.9
0.334368	44.87	97.12	52.25	100.0	Z	111.0	19.9
0.562633	35.38	72.60	37.22	100.0	Z	91.0	19.9
1.027941	30.39	67.38	36.99	100.0	Z	195.0	19.9
16.628956	26.82	69.50	42.68	100.0	Z	301.0	20.3

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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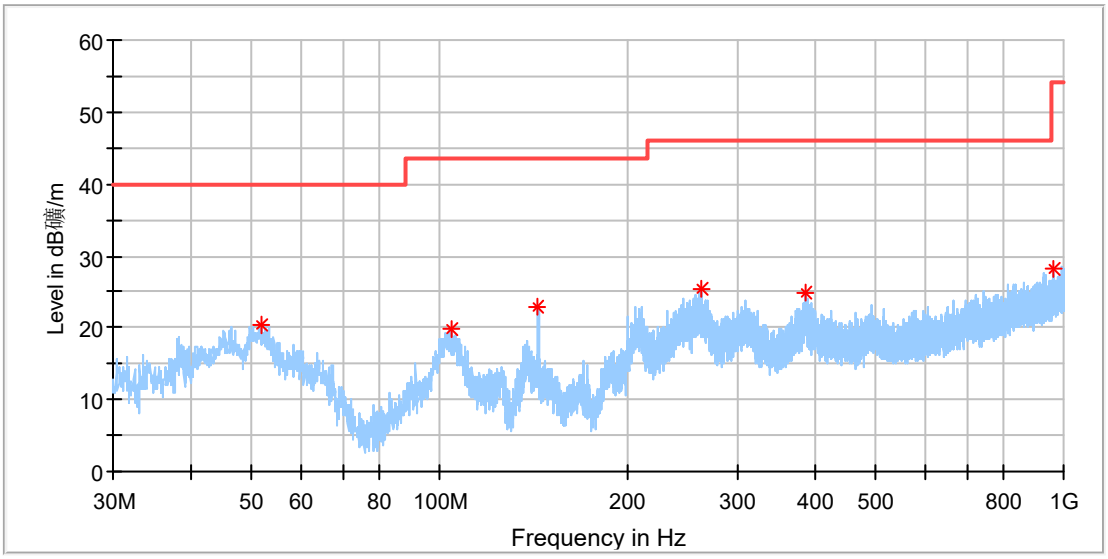
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.899615	20.42	40.00	19.58	100.0	H	291.0	-18.4
104.279615	19.74	43.50	23.76	100.0	H	112.0	-18.9
144.012308	23.01	43.50	20.49	100.0	H	235.0	-22.4
262.016539	25.28	46.00	20.72	100.0	H	21.0	-17.1
386.922692	24.91	46.00	21.09	100.0	H	153.0	-14.1
967.281154	28.17	54.00	25.83	100.0	H	169.0	-4.0

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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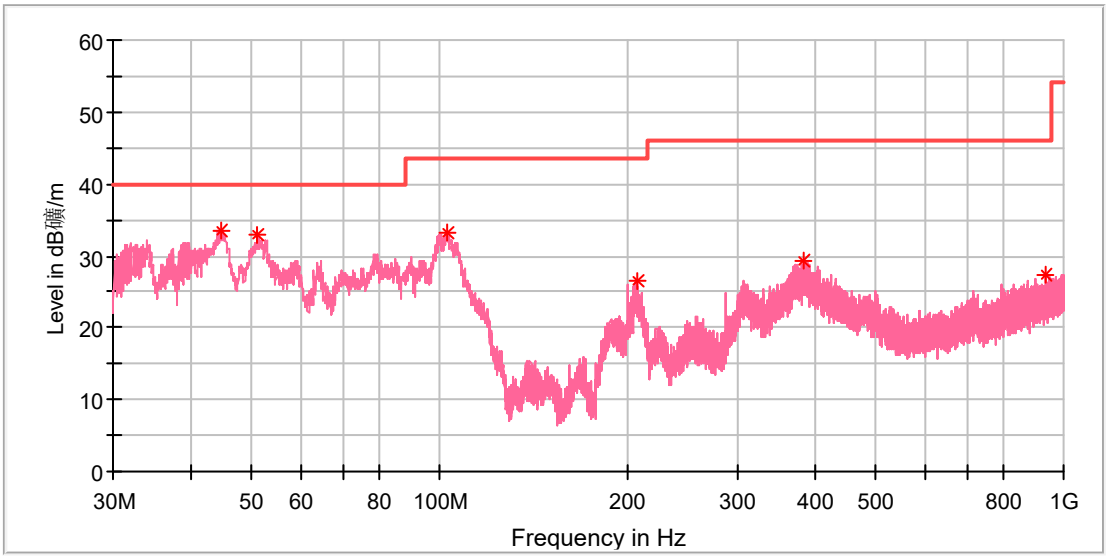
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.661923	33.35	40.00	6.65	100.0	V	0.0	-19.0
51.190769	33.05	40.00	6.95	100.0	V	247.0	-18.4
103.011154	33.17	43.50	10.33	100.0	V	281.0	-19.0
207.286154	26.57	43.50	16.93	100.0	V	238.0	-18.9
382.632308	29.17	46.00	16.83	100.0	V	312.0	-14.2
936.950000	27.24	46.00	18.76	100.0	V	272.0	-4.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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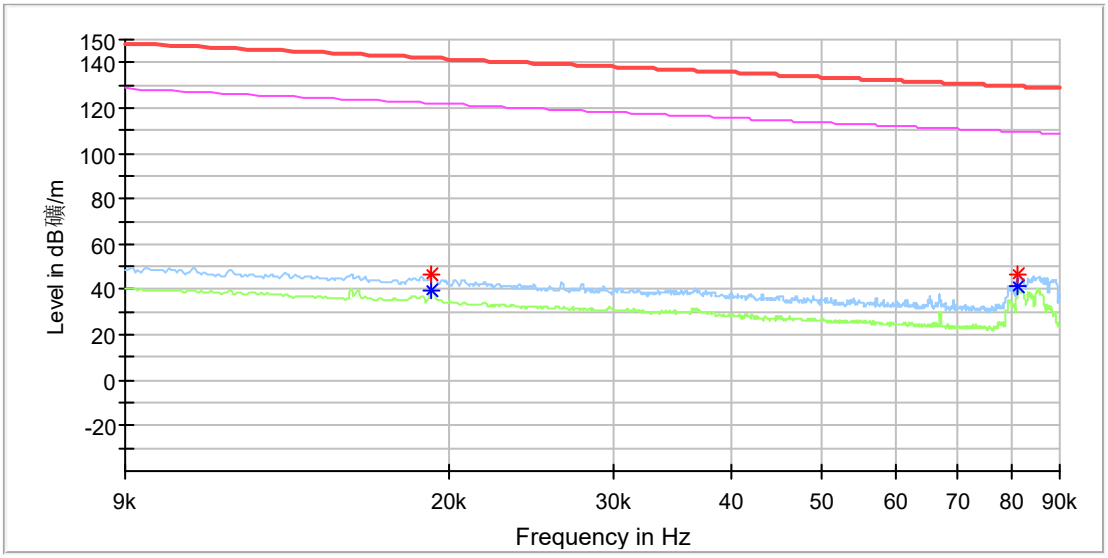
<Charing Mode, 110.5kHz to 205kHz (10W)>

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

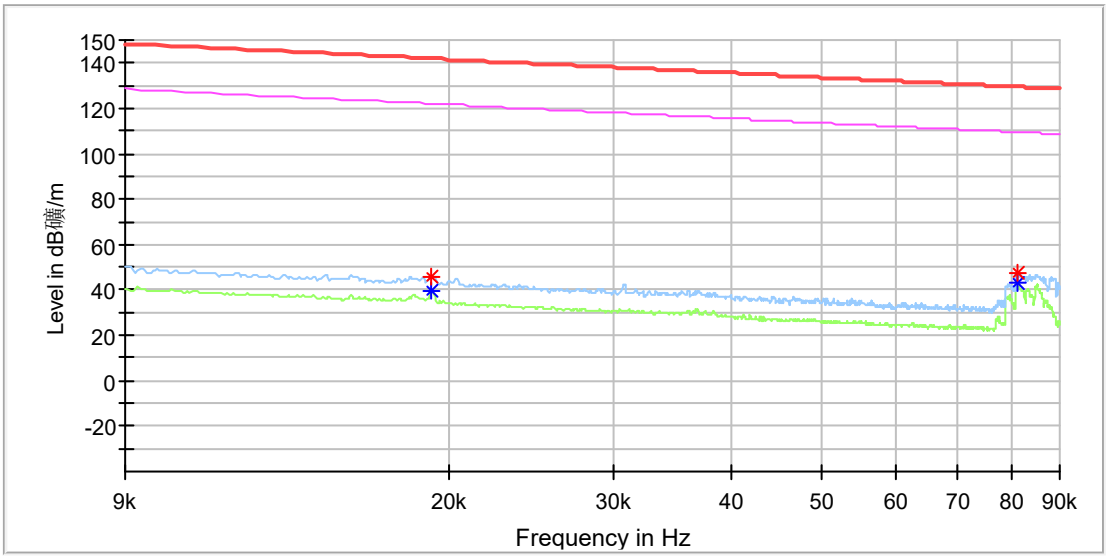


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019183	46.74	---	141.93	95.19	100.0	X	166.0	20.0
0.019183	---	39.52	121.93	82.41	100.0	X	166.0	20.0
0.081264	46.27	---	129.40	83.13	100.0	X	0.0	20.0
0.081264	---	40.98	109.40	68.42	100.0	X	0.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

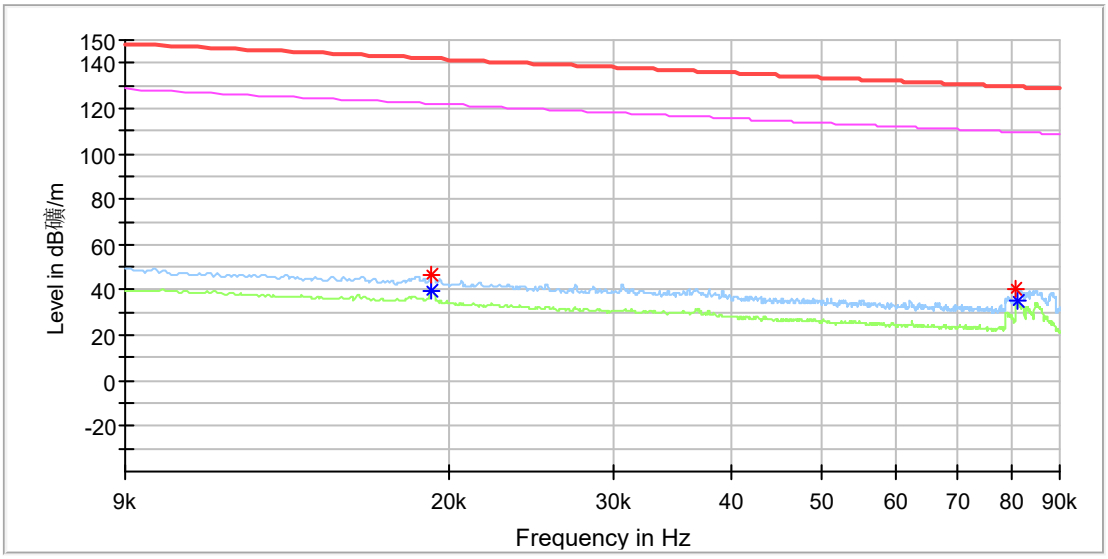


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019183	46.08	---	141.93	95.85	100.0	Y	112.0	20.0
0.019183	---	39.54	121.93	82.39	100.0	Y	112.0	20.0
0.081264	---	42.97	109.40	66.43	100.0	Y	72.0	20.0
0.081321	47.29	---	129.39	82.11	100.0	Y	20.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

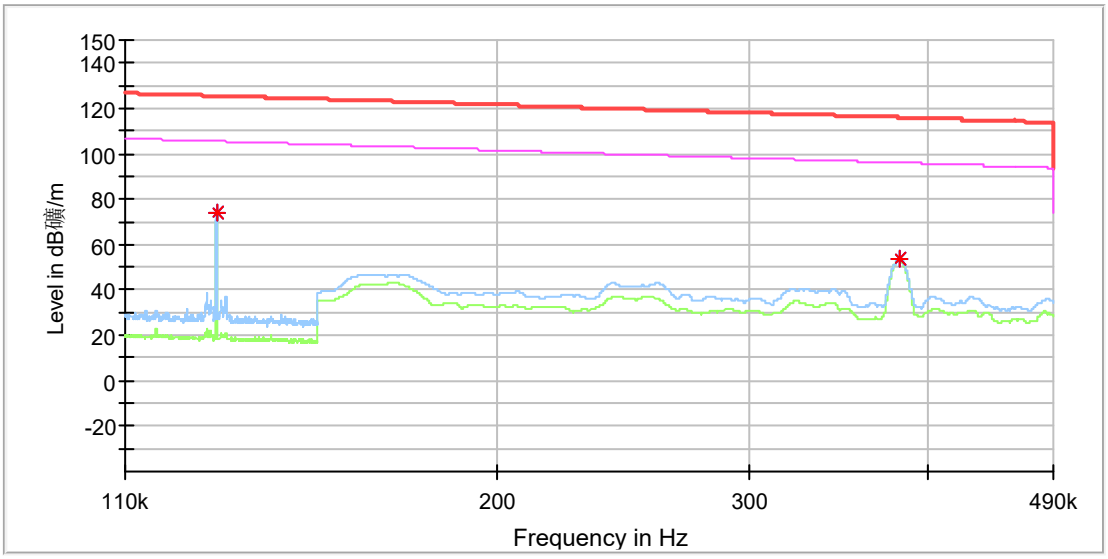


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019183	46.29	---	141.93	95.65	100.0	Z	114.0	20.0
0.019183	---	39.62	121.93	82.31	100.0	Z	114.0	20.0
0.080916	40.56	---	129.44	88.88	100.0	Z	32.0	20.0
0.081032	---	35.38	109.42	74.04	100.0	Z	11.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

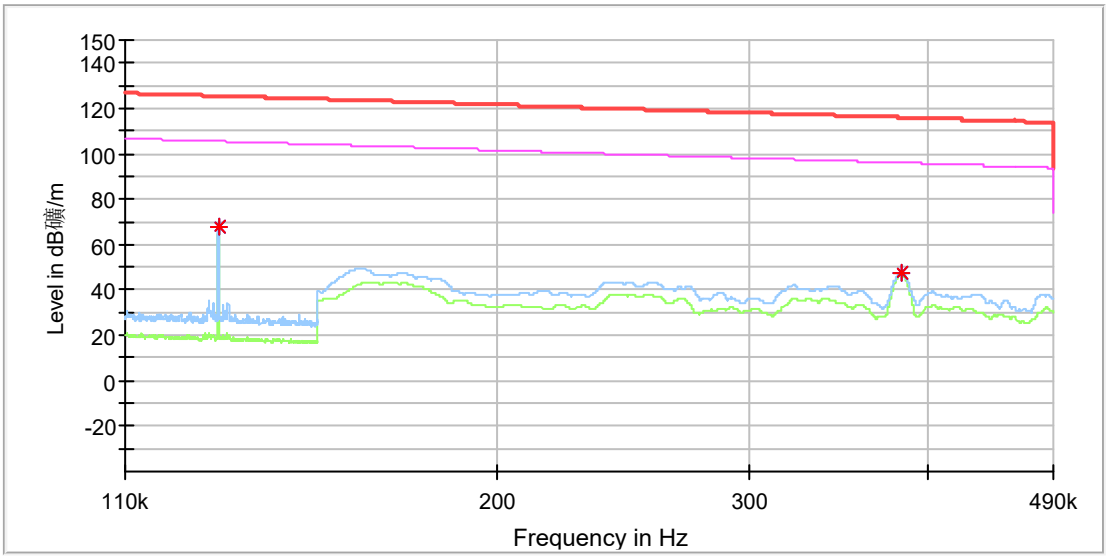


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.127429	74.44	---	125.49	51.05	100.0	X	93.0	20.0
0.127429	---	74.41	105.49	31.08	100.0	X	93.0	20.0
0.382250	53.55	---	115.96	62.41	100.0	X	102.0	20.0
0.382250	---	53.34	95.96	42.61	100.0	X	102.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

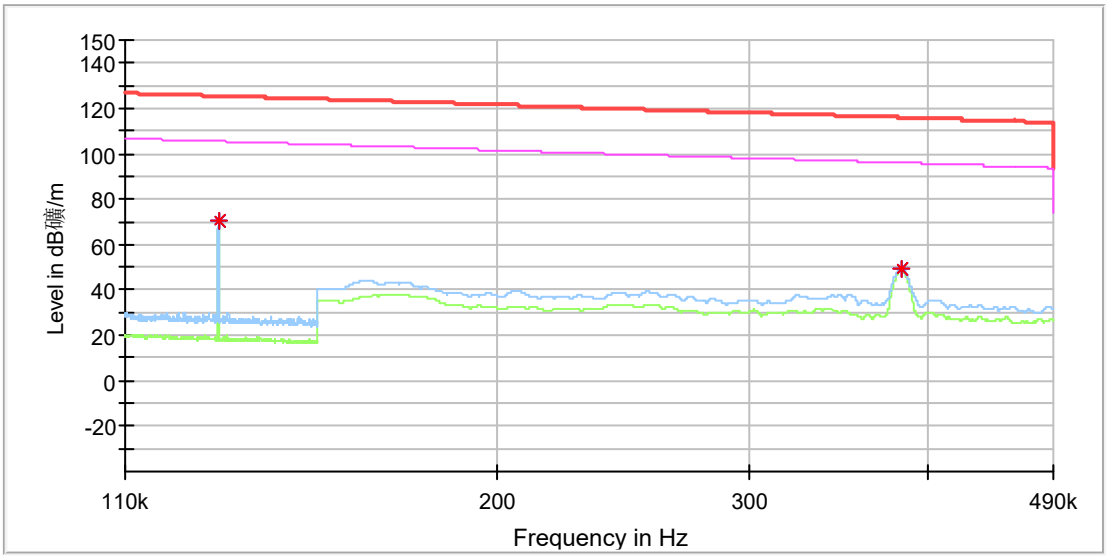


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.127829	68.21	---	125.47	57.26	100.0	Y	178.0	20.0
0.127829	---	68.12	105.47	37.35	100.0	Y	178.0	20.0
0.383350	47.71	---	115.93	68.22	100.0	Y	172.0	20.0
0.383550	---	47.15	95.93	48.77	100.0	Y	172.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

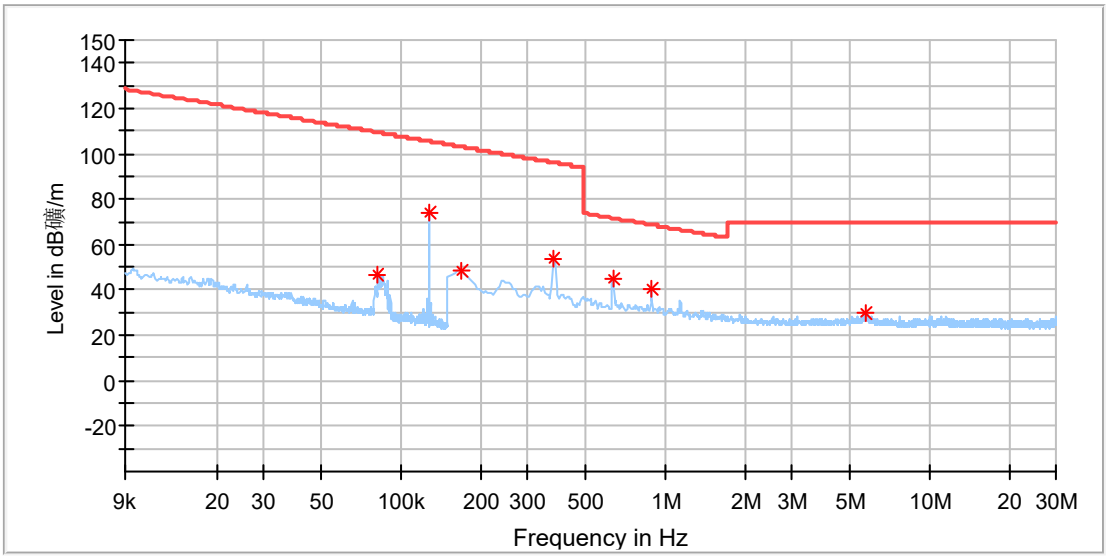


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.127829	70.31	---	125.47	55.16	100.0	Z	97.0	20.0
0.127829	---	70.25	105.47	35.21	100.0	Z	97.0	20.0
0.383350	49.39	---	115.93	66.54	100.0	Z	111.0	20.0
0.383500	---	48.97	95.93	46.96	100.0	Z	111.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.081514	46.61	109.37	62.76	100.0	X	227.0	19.9
0.126836	74.29	105.53	31.24	100.0	X	88.0	19.9
0.167559	48.03	103.12	55.09	100.0	X	59.0	19.8
0.378265	53.60	96.05	42.44	100.0	X	99.0	19.9
0.632868	44.68	71.58	26.90	100.0	X	119.0	19.9
0.887471	40.31	68.66	28.35	100.0	X	105.0	19.9
5.720537	30.07	69.50	39.43	100.0	X	169.0	20.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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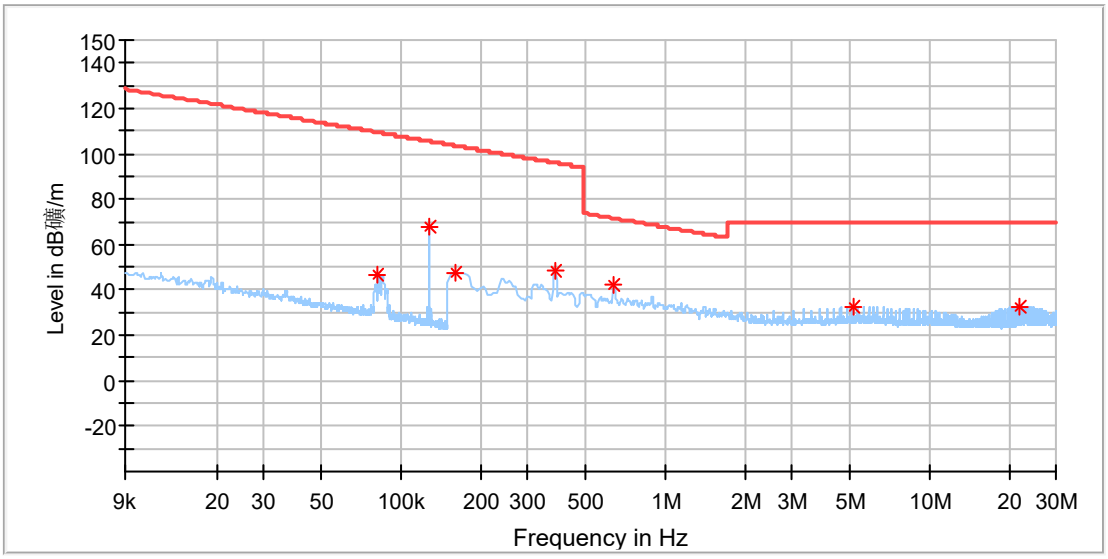
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.081212	46.92	109.40	62.48	100.0	Y	27.0	19.9
0.127843	68.03	105.46	37.43	100.0	Y	177.0	19.9
0.158780	47.83	103.58	55.75	100.0	Y	136.0	19.9
0.382655	48.44	95.95	47.50	100.0	Y	181.0	19.9
0.637258	42.01	71.52	29.51	100.0	Y	156.0	19.9
5.110368	32.91	69.50	36.59	100.0	Y	311.0	20.1
21.729794	32.81	69.50	36.69	100.0	Y	352.0	20.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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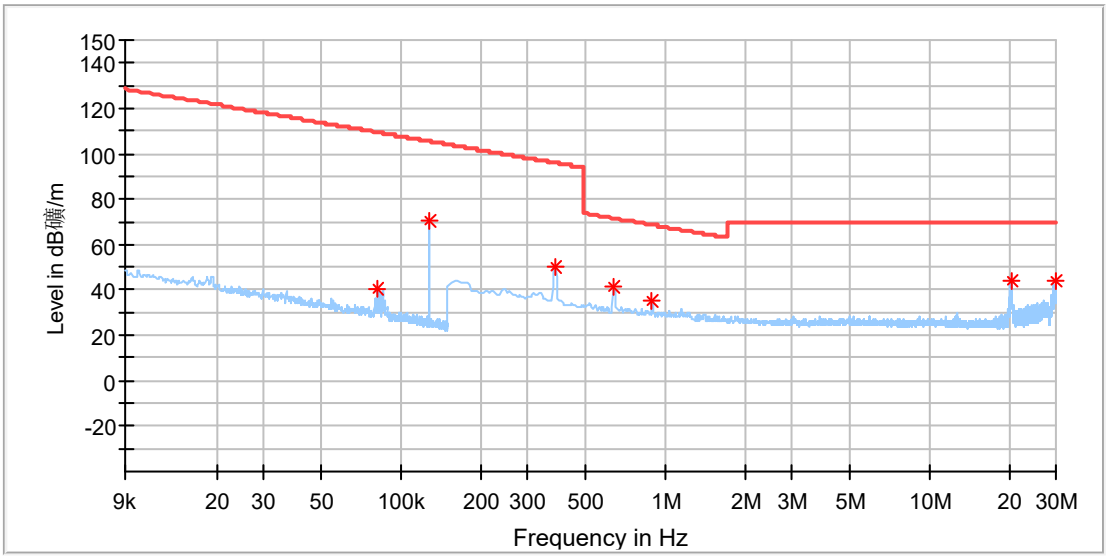
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.081212	40.82	109.40	68.58	100.0	Z	186.0	19.9
0.127843	70.12	105.46	35.34	100.0	Z	99.0	19.9
0.382655	49.89	95.95	46.06	100.0	Z	74.0	19.9
0.637258	41.08	71.52	30.45	100.0	Z	93.0	19.9
0.891860	35.19	68.61	33.43	100.0	Z	93.0	19.9
20.452390	43.65	69.50	25.85	100.0	Z	278.0	20.4
29.912206	43.82	69.50	25.68	100.0	Z	207.0	20.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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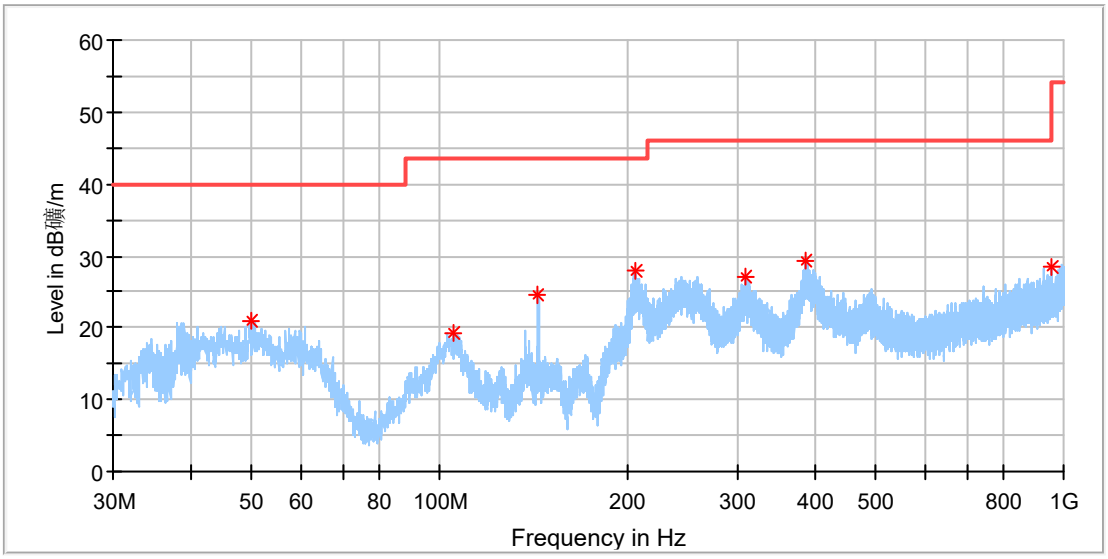
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.996923	21.02	40.00	18.98	100.0	H	320.0	-18.4
105.361539	19.30	43.50	24.20	100.0	H	241.0	-18.9
144.012308	24.43	43.50	19.07	100.0	H	264.0	-22.4
205.271539	27.99	43.50	15.51	100.0	H	79.0	-19.0
308.576539	27.03	46.00	18.97	100.0	H	281.0	-16.0
386.698846	29.38	46.00	16.62	100.0	H	128.0	-14.1
956.424615	28.33	46.00	17.67	100.0	H	137.0	-4.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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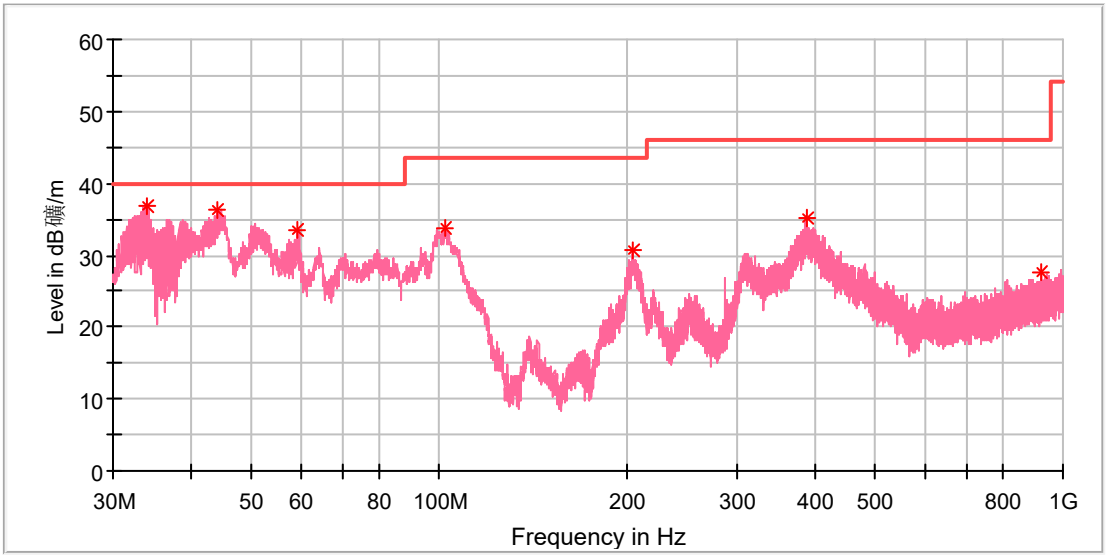
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.066539	36.91	40.00	3.09	100.0	V	171.0	-22.3
43.953077	36.40	40.00	3.60	100.0	V	115.0	-19.2
59.062692	33.51	40.00	6.49	100.0	V	74.0	-19.0
102.414231	33.66	43.50	9.84	100.0	V	307.0	-19.0
203.928462	30.71	43.50	12.79	100.0	V	331.0	-19.0
387.631539	35.14	46.00	10.86	100.0	V	315.0	-14.1
919.266154	27.61	46.00	18.39	100.0	V	186.0	-4.6

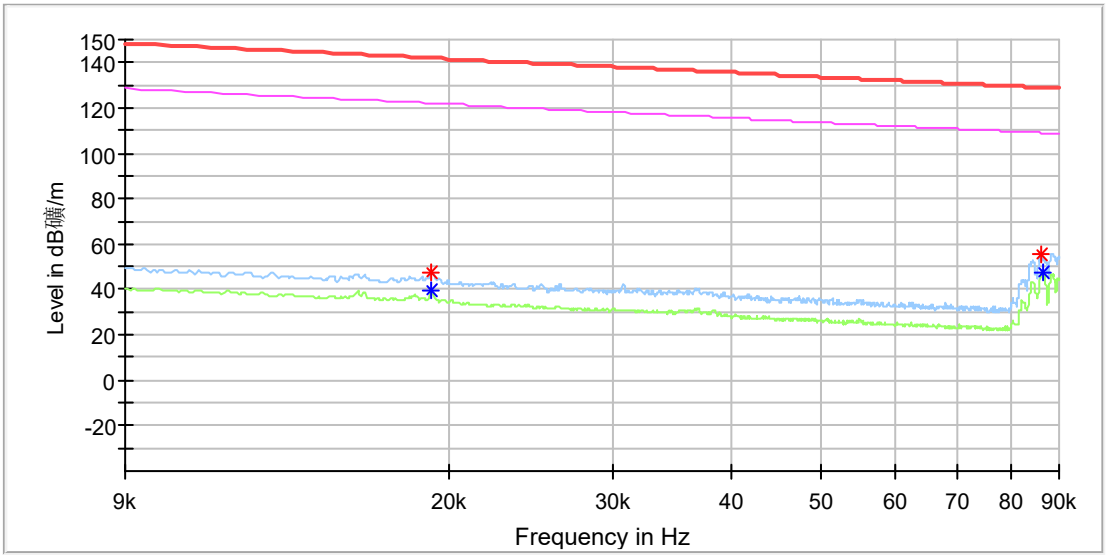
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

<Charing Mode, 360kHz (15W)>

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

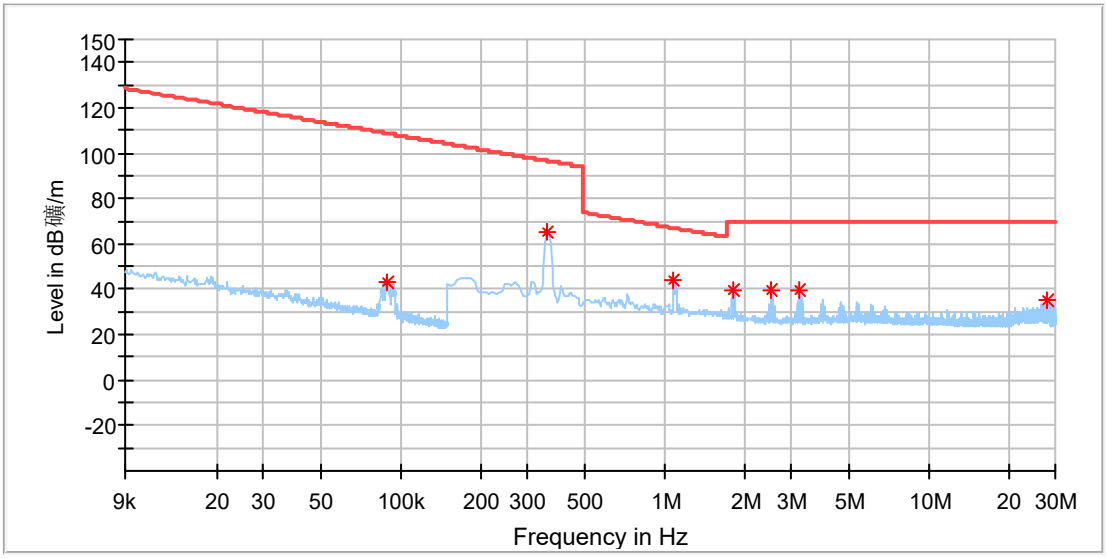


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019183	47.26	---	141.93	94.67	100.0	X	78.0	20.0
0.019183	---	39.13	121.93	82.80	100.0	X	78.0	20.0
0.086124	55.01	---	128.89	73.88	100.0	X	4.0	20.0
0.086355	---	47.57	108.87	61.30	100.0	X	345.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.088464	43.06	108.66	65.60	100.0	Y	187.0	19.9
0.356316	65.10	96.57	31.47	100.0	Y	10.0	19.9
1.080618	44.19	66.95	22.76	100.0	Y	28.0	19.9
1.796140	39.11	69.50	30.39	100.0	Y	0.0	20.0
2.516052	39.55	69.50	29.95	100.0	Y	344.0	20.0
3.235963	39.66	69.50	29.84	100.0	Y	340.0	20.0
27.945618	34.93	69.50	34.57	100.0	Y	99.0	20.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
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Test Standard:	FCC Part 15C
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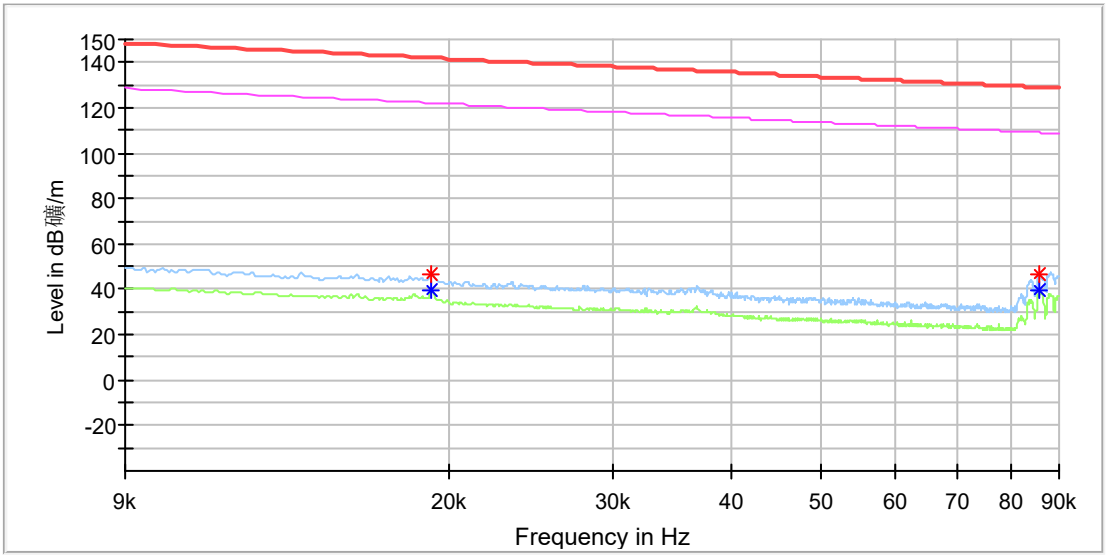

Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019183	46.80	---	141.93	95.13	100.0	Z	284.0	20.0
0.019183	---	39.13	121.93	82.80	100.0	Z	284.0	20.0
0.085719	46.30	---	128.93	82.64	100.0	Z	59.0	20.0
0.085834	---	39.26	108.92	69.66	100.0	Z	161.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
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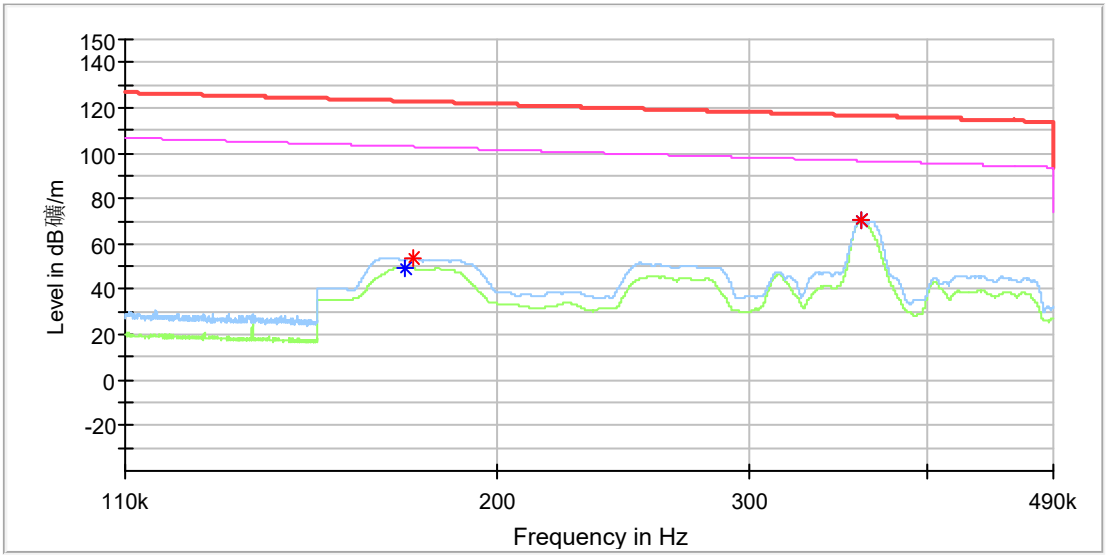

Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.172450	---	49.39	102.87	53.48	100.0	X	128.0	20.0
0.174850	54.09	---	122.75	68.66	100.0	X	70.0	20.0
0.359950	70.61	---	116.48	45.87	100.0	X	151.0	20.0
0.360000	---	70.27	96.48	26.20	100.0	X	151.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
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Test Standard:	FCC Part 15C
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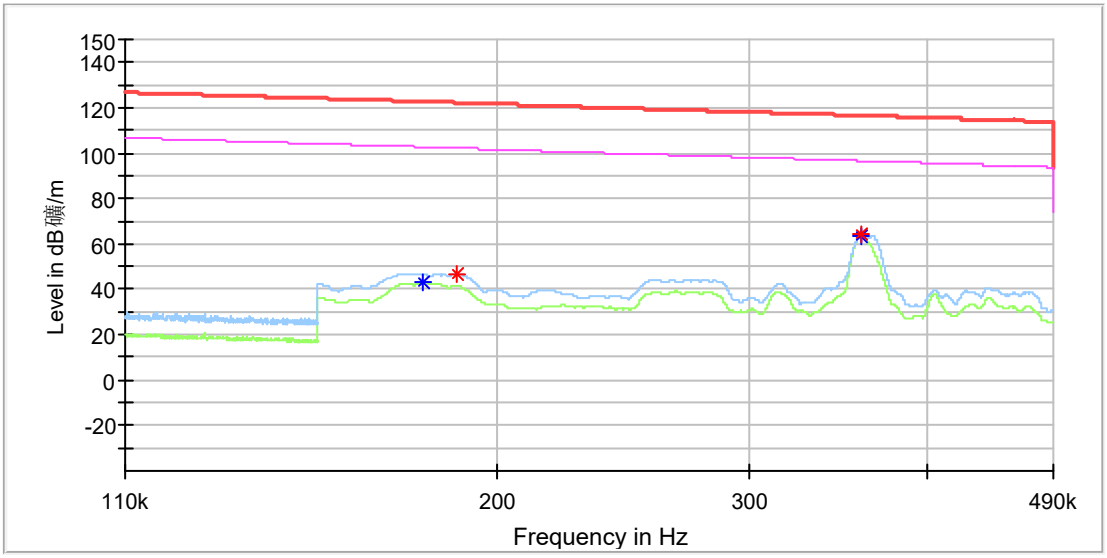

Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.178000	---	42.68	102.59	59.91	100.0	Y	288.0	20.0
0.187600	46.99	---	122.14	75.15	100.0	Y	225.0	20.0
0.360000	---	63.76	96.48	32.72	100.0	Y	17.0	20.0
0.360050	63.95	---	116.48	52.53	100.0	Y	17.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
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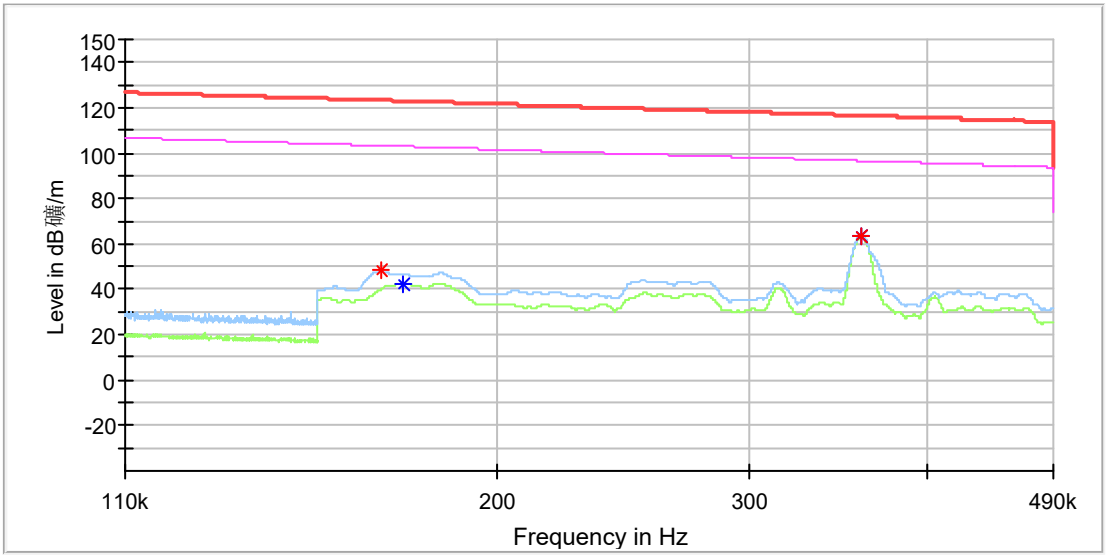
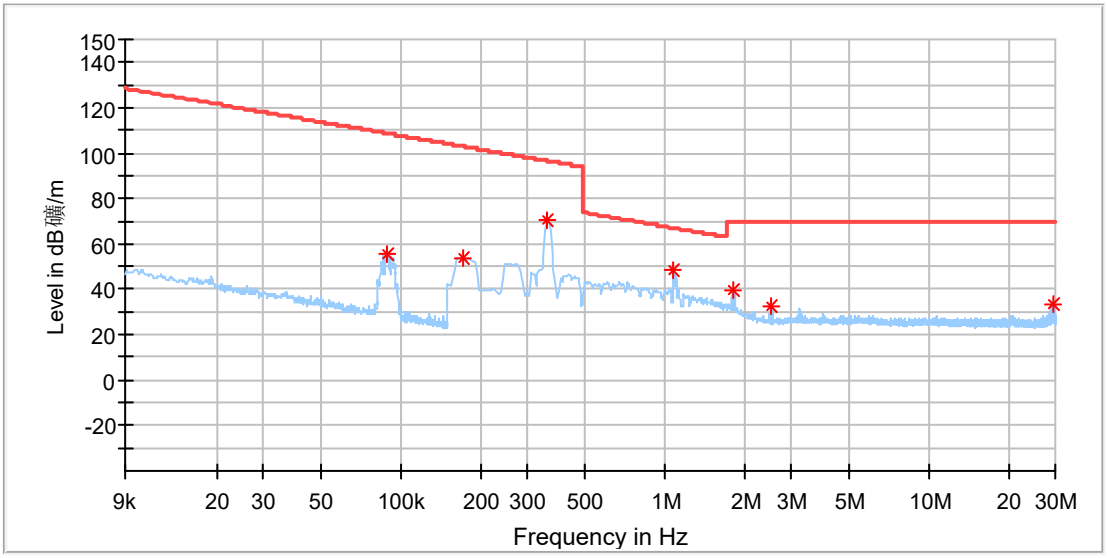


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.166050	48.05	---	123.19	75.15	100.0	Z	149.0	20.0
0.172000	---	42.33	102.89	60.56	100.0	Z	42.0	20.0
0.359950	63.31	---	116.48	53.16	100.0	Z	167.0	20.0
0.359950	---	63.10	96.48	33.37	100.0	Z	167.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.088161	55.03	108.69	53.66	100.0	X	0.0	19.9
0.171949	53.82	102.89	49.07	100.0	X	344.0	19.8
0.356316	70.43	96.57	26.14	100.0	X	147.0	19.9
1.076228	48.61	66.99	18.37	100.0	X	158.0	19.9
1.796140	39.20	69.50	30.30	100.0	X	151.0	20.0
2.516052	32.78	69.50	36.72	100.0	X	137.0	20.0
29.385441	33.47	69.50	36.03	100.0	X	133.0	20.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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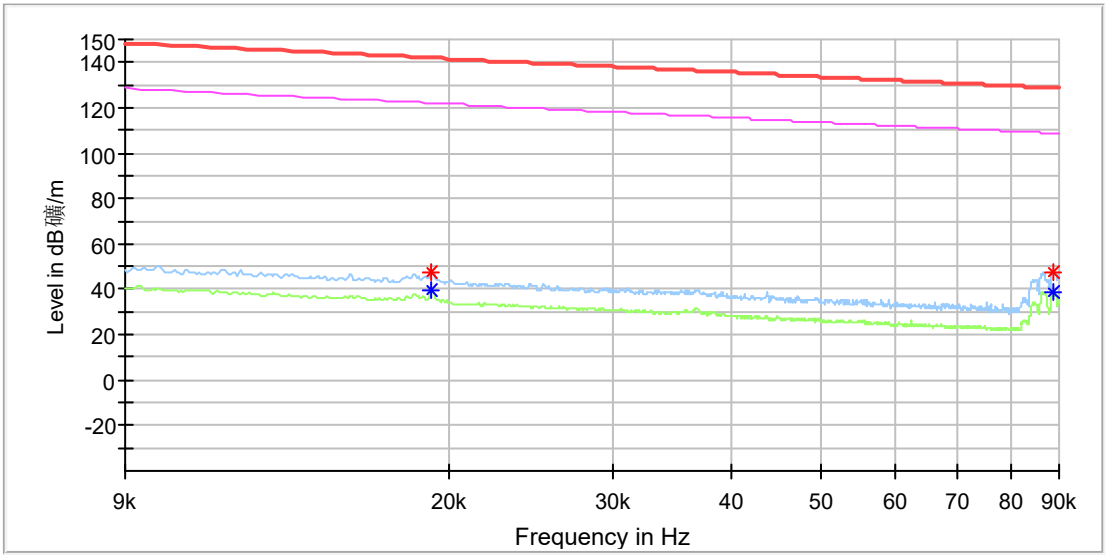
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

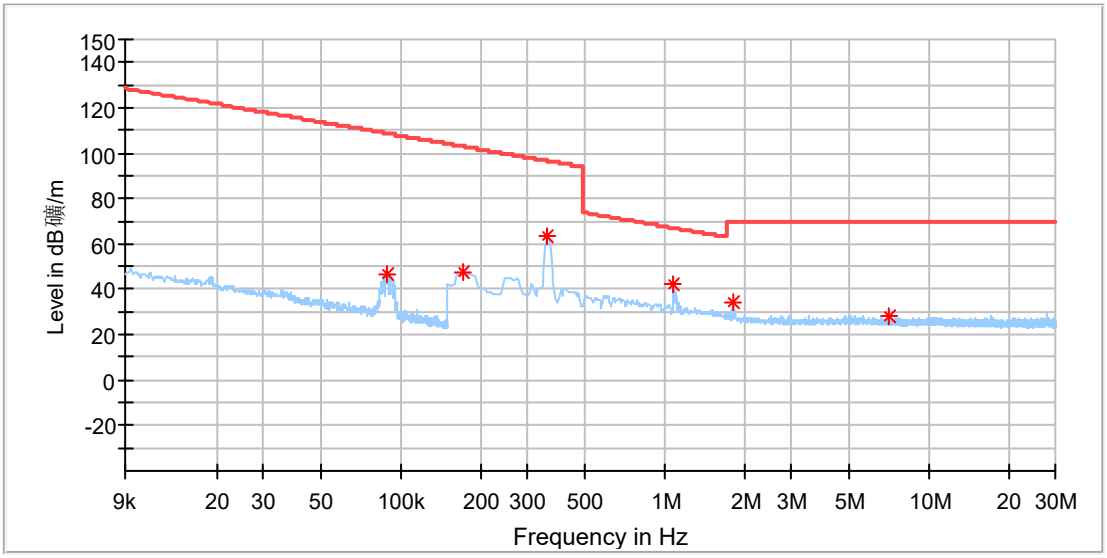


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.019183	47.11	---	141.93	94.82	100.0	Y	96.0	20.0
0.019183	---	39.34	121.93	82.59	100.0	Y	96.0	20.0
0.088727	47.77	---	128.64	80.86	100.0	Y	346.0	20.0
0.088727	---	38.74	108.64	69.89	100.0	Y	346.0	20.0

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.087759	46.39	108.73	62.34	100.0	Z	46.0	19.9
0.171949	47.41	102.89	55.48	100.0	Z	103.0	19.8
0.356316	63.29	96.57	33.27	100.0	Z	168.0	19.9
1.080618	42.34	66.95	24.61	100.0	Z	160.0	19.9
1.796140	34.13	69.50	35.37	100.0	Z	153.0	20.0
7.094515	28.02	69.50	41.48	100.0	Z	272.0	20.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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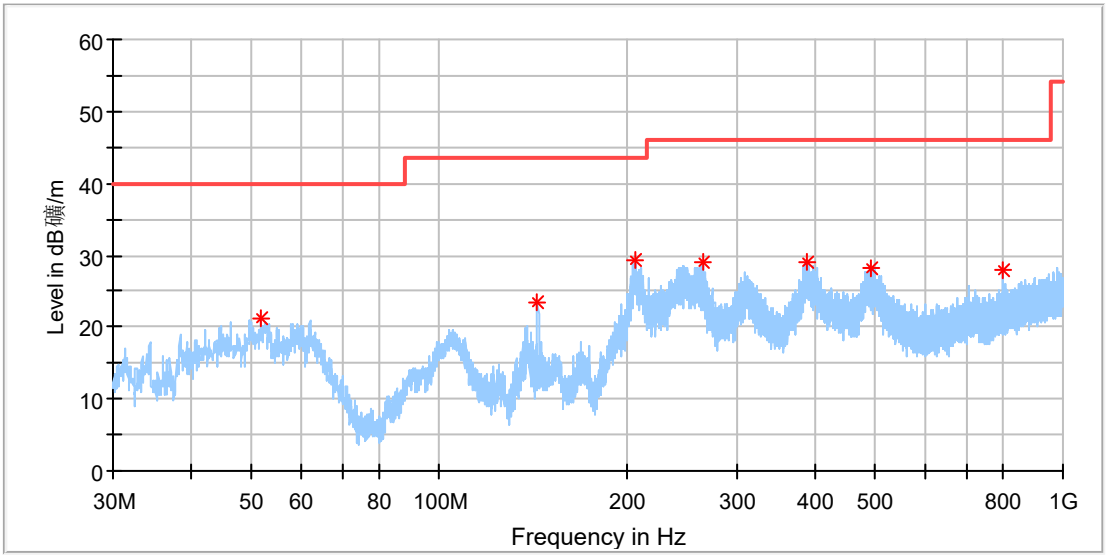
EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

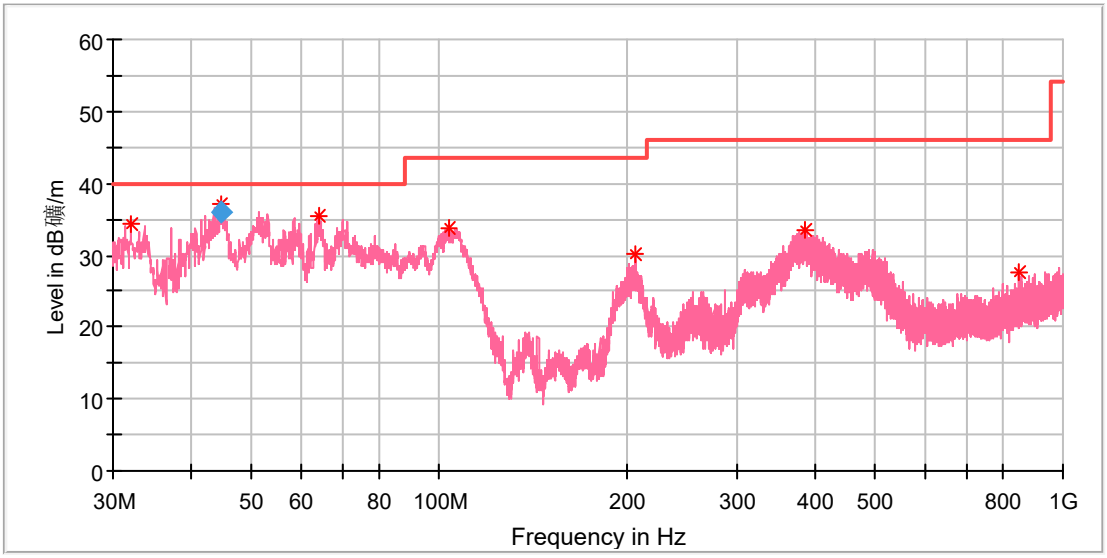
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.936923	21.14	40.00	18.86	100.0	H	130.0	-18.4
144.012308	23.50	43.50	20.00	100.0	H	272.0	-22.4
206.241539	29.22	43.50	14.28	100.0	H	121.0	-19.0
263.956539	29.05	46.00	16.95	100.0	H	0.0	-17.1
389.459615	29.04	46.00	16.96	100.0	H	130.0	-14.0
491.682692	28.30	46.00	17.70	100.0	H	161.0	-12.0
801.299231	27.86	46.00	18.14	100.0	H	95.0	-6.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Model:	E2400-T
Test Mode:	Charging
Order No/Sample No:	168512031/A003857143-002
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.089231	34.27	40.00	5.73	100.0	V	249.0	-22.7
44.550000	37.20	40.00	2.80	100.0	V	345.0	-19.0
64.173846	35.31	40.00	4.69	100.0	V	50.0	-20.0
103.794615	33.66	43.50	9.84	100.0	V	0.0	-19.0
205.644615	30.17	43.50	13.33	100.0	V	217.0	-19.0
386.549615	33.48	46.00	12.52	100.0	V	345.0	-14.1
850.731923	27.70	46.00	18.30	100.0	V	161.0	-5.4

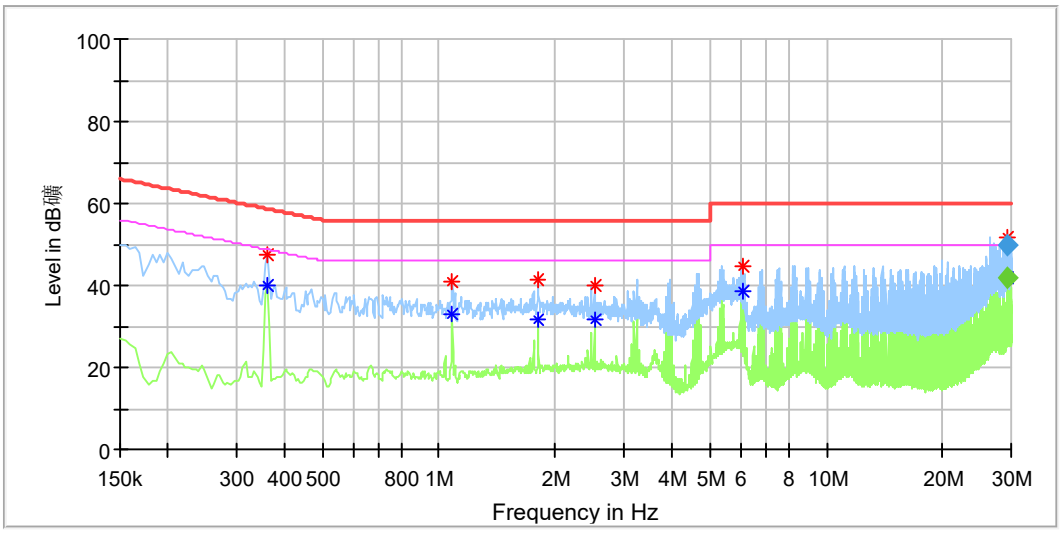
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.550000	35.98	40.00	4.02	105.0	V	350.0	-19.1

Appendix A.3: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Order Number:	E2400-T
Model:	Charging
Test Mode:	168512031/A003857143-002
Test Voltage:	AC 120V, 60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Soloman Wu / Shower Dai
Tem./Hum./Pressure:	24.0°C/50.4%/101kPa
Remark:	SR2



Critical_Freqs

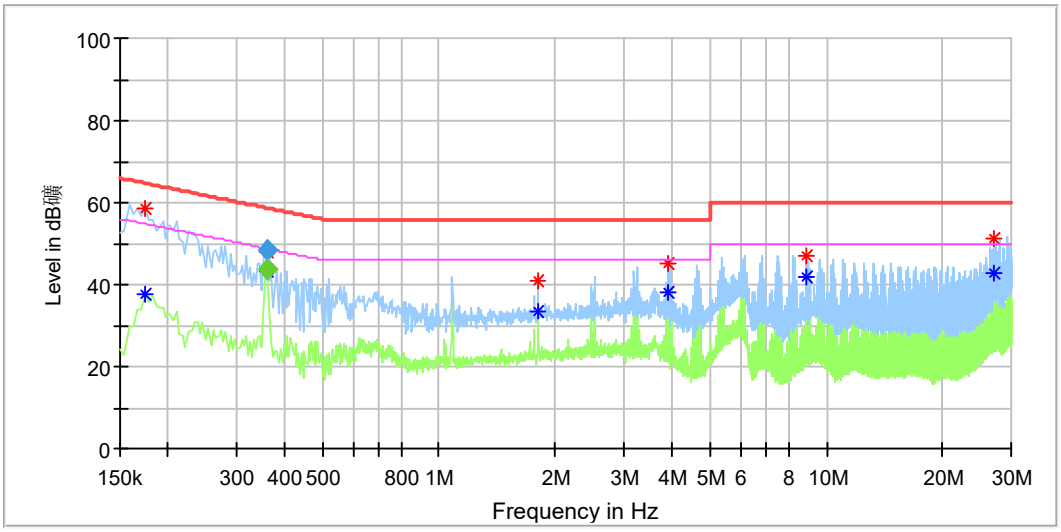
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.361500	---	40.15	48.69	8.54	L1	9.9
0.361500	47.29	---	58.69	11.41	L1	9.9
1.081500	---	33.01	46.00	12.99	L1	10.0
1.081500	41.14	---	56.00	14.86	L1	10.0
1.801500	---	31.58	46.00	14.42	L1	10.0
1.801500	41.38	---	56.00	14.62	L1	10.0
2.521500	---	31.72	46.00	14.28	L1	10.1
2.521500	39.81	---	56.00	16.19	L1	10.1
6.076500	---	38.42	50.00	11.58	L1	10.2
6.076500	44.68	---	60.00	15.32	L1	10.2
29.386000	51.56	---	60.00	8.44	L1	10.1
29.386000	---	41.81	50.00	8.19	L1	10.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
29.386000	---	41.80	50.00	8.20	1000.0	9.000	L1	10.1
29.386000	49.65	---	60.00	10.35	1000.0	9.000	L1	10.1

EUT Information

EUT Name:	Wireless charger with light (VÄSTMÄRKE)
Order Number:	E2400-T
Model:	Charging
Test Mode:	168512031/A003857143-002
Test Voltage:	AC 120V, 60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Soloman Wu / Shower Dai
Tem./Hum./Pressure:	24.0°C/50.4%/101kPa
Remark:	SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.174000	---	37.75	54.77	17.02	N	9.7
0.174000	58.68	---	64.77	6.09	N	9.7
0.361500	48.07	---	58.68	10.61	N	9.7
0.361500	---	43.03	48.78	5.74	N	9.7
1.798000	---	33.35	46.00	12.65	N	9.8
1.798000	41.01	---	56.00	14.99	N	9.8
3.914000	---	38.30	46.00	7.70	N	9.8
3.914000	44.95	---	56.00	11.05	N	9.8
8.910000	---	41.67	50.00	8.33	N	9.9
8.910000	47.02	---	60.00	12.98	N	9.9
27.226000	---	42.70	50.00	7.30	N	10.1
27.226000	51.04	---	60.00	8.96	N	10.1

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.361500	48.54	---	58.69	10.15	1000.0	9.000	N	9.7
0.361500	---	43.50	48.69	5.20	1000.0	9.000	N	9.7