


<b>Prüfbericht-Nr.:</b> <i>Test report no.:</i>	<b>CN20DA2N 002</b>	<b>Auftrags-Nr.:</b> <i>Order no.:</i>	168283853	Seite 1 von 14 <i>Page 1 of 14</i>	
<b>Kunden-Referenz-Nr.:</b> <i>Client reference no.:</i>	N/A	<b>Auftragsdatum:</b> <i>Order date:</i>	2020-09-25		
<b>Auftraggeber:</b> <i>Client:</i>	<b>Magnum brands Ltd</b> Unit L, Braintree Industrial Estate, Brain tree Road, South Ruislip, HA4 0EJ UK				
<b>Prüfgegenstand:</b> <i>Test item:</i>	DTR MARVEL WL CHARGE PAD, WFH WIRELESS CHARGING PAD				
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type no.:</i>	18394 01, 18093 01, 1809302				
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	FCC approval				
<b>Prüfgrundlage:</b> <i>Test specification:</i>	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				
<b>Wareneingangsdatum:</b> <i>Date of sample receipt:</i>	2020-09-27				
<b>Prüfmuster-Nr.:</b> <i>Test sample no.:</i>	A002909552-003 to 004 A002909552-012 to 013				
<b>Prüfzeitraum:</b> <i>Testing period:</i>	2020-09-28 - 2020-10-20				
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass				
<b>geprüft von:</b> <i>tested by:</i>	<u>Bell Hu</u>	<b>genehmigt von:</b> <i>authorized by:</i>	<u>Winnie Hou</u>		
<b>Datum:</b> <i>Date:</i>	Bell Hu 2020-11-24	<b>Ausstellungsdatum:</b> <i>Issue date:</i>	Winnie Hou 2020-11-30		
<b>Stellung / Position</b>	Project Manager	<b>Stellung / Position</b>	Technical Certifier		
<b>Sonstiges / Other:</b>	FCC ID: 2AXUXWIRCHRPRM				
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged:</i>				
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend 3 = satisfactory	4 = ausreichend 4 = sufficient	5 = mangelhaft 5 = poor N/A = nicht anwendbar N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specifications(s)	2 = good F(ail) = failed a.m. test specifications(s)	3 = satisfactory	4 = sufficient	5 = poor N/A = not applicable N/T = not tested
<p><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></p> <p><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></p>					

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**5.1.1 ANTENNA REQUIREMENT**

*RESULT: Pass*

**5.1.2 20dB BANDWIDTH**

*RESULT: Pass*

**5.1.3 RADIATED SPURIOUS EMISSION**

*RESULT: Pass*

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# 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: Photographs of the Test Set-up

Appendix B: Test Results of FCC Part 15C

## 2 Test Sites

### 2.1 Test Facilities

**TÜV Rheinland (Shenzhen) Co., Ltd.**

No. 362 Huangguan Road Middle, Longhua District, Shenzhen 518110, China

FCC Registration No.: 694916

IC Registration No.: 25069

### 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

**TÜV Rheinland (Shenzhen) Co., Ltd.**

<b>Radio Spectrum Testing (TS8997)</b>				
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Serial No.</b>	<b>Cal. until</b>
Signal Analyzer	R&S	FSV 40	101441	2021-08-10
OSP	R&S	OSP 150	101017	2020-12-17
Control PC	DELL	OptiPlex 7050	FTJZ9P2	N/A
Test Software	R&S	WMS32 (V11.00.00)	N/A	N/A
Power Meter	R&S	NRP2	107105	2020-12-17
Wideband Power Sensor	R&S	NRP-Z81	105350	2020-12-17
Shielding Room 8#	Albatross	SR8	APC17151-SR8	2021-07-23
<b>Unwanted Emission Testing (TS9975)</b>				
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model</b>	<b>Serial No.</b>	<b>Cal. until</b>
EMI Test Receiver	R&S	ESR 7	102021	2021-08-11
Signal Analyzer	R&S	FSV 40	101439	2021-08-10
System Controller Interface	R&S	SCI-100	S10010038	N/A
Filterbank	R&S	Wlan	100759	2021-08-10
OSP	R&S	OSP 120	102040	N/A
Pre-amplifier	R&S	SCU08F1	08320031	2021-08-10
Amplifier	R&S	SCU-18F	180070	2021-08-10
Amplifier	R&S	SCU40A	100475	2021-09-10
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	2022-08-08
Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	2022-08-08
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	2022-08-08
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	2022-09-13
Wideband Ridged Horn Antenna (12-18 GHz)	Steatite	QMS-00208	18313	2021-09-02
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	2021-07-06
<b>Conducted Emissions</b>				
EMI Test Receiver	R&S	ESR3	102428	2020-08-19
Artificial Mains Network	R&S	ENV216	102333	2020-08-19

## 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 basis 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

Test	Parameters	Expanded uncertainty ( $U_{lab}$ )	Expanded uncertainty ( $U_{CISPR}$ )
Radiated Emission (3m SAC)	Level accuracy (30MHz to 1000MHz)	± 4.52 dB	± 6.3 dB
	Level accuracy (above 1000MHz)	± 4.37 dB	N/A

## 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 No. 362 Huangguan Road Middle, Longhua District, Shenzhen 518110, 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 wireless charging which supports WPC Qi wireless charging function.

According to the declaration of the applicant, the electrical circuit design and PCB layout and components used are identical for all models, only the model number is difference.

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

#### 3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	DTR MARVEL WL CHARGE PAD, WFH WIRELESS CHARGING PAD
Type Designation	18394 01, 18093 01, 1809302
FCC ID	2AXUXWIRCHRPRM
Operating Voltage	DC 5V/2A, 9V/1.7A by adapter
Test voltage	120V AC, 60Hz
Technical Specification of WPT	
Operating Frequency	110~205KHz
Modulation	FSK
Wireless output	10W maximum

#### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wireless charging
- B. Off

#### 3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

#### 3.5 Submitted Documents

- Application Form

## 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 3.2, all tests were performed on model 1809302 and B083KRPBZ8 in this report.

### 4.3 Special Accessories and Auxiliary Equipment

Table 3: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Remark
Adapter	HUWEI	HW-090200CH0	N/A	N/A
Mobile Phone	HUWEI	Mate 30 Pro	N/A	N/A
Load	THUMBS UP UK LTD	/	/	/

### 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 1GHz)

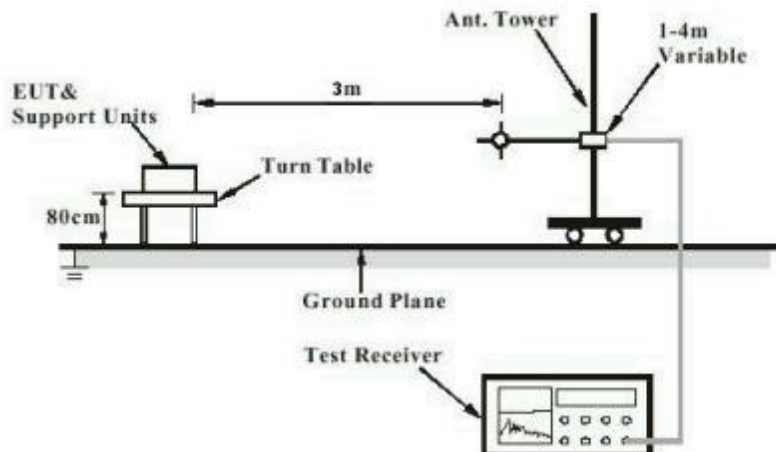
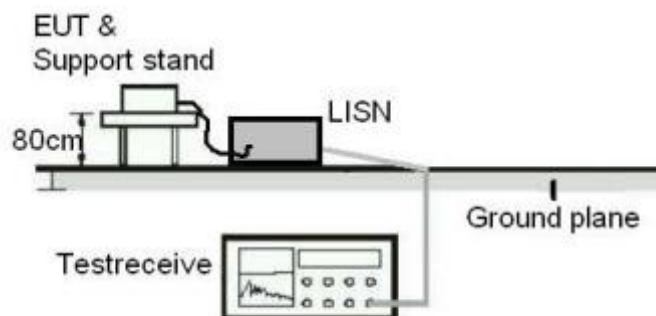


Diagram of Measurement Equipment Configuration for Mains Conduction Measurement



## 5 Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:**

**Pass**

**Test Specification**

Test standard : Part 15.203

According to the manufacturer declared, the EUT has an 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 : 2020-10-20  
Input voltage : 120Vac, 60Hz  
Operation mode : A  
Ambient temperature : 22 °C  
Relative humidity : 50 %  
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix B.

### 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	2020-10-16 ~ 2020-10-19
Input voltage	120Vac, 60Hz
Operation mode	A
Ambient temperature	22 °C
Relative humidity	50 %
Atmospheric pressure	101 kPa

For the measurement records, refer to the appendix B.

### 5.1.4 Conducted Emission on AC Mains

**RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.207(a) RSS-Gen Clause 8.8
Basic standard	: <b>Error! Reference source not found.</b>
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a) RSS-Gen Table 4
Kind of test site	: Shielded Room
<b>Test Setup</b>	
Date of testing	: 30.10.2020
Input voltage	: AC 120V/60Hz
Operation mode	: C
Earthing	: Not connected
Ambient temperature	: 22 °C
Relative humidity	: 50 %
Atmospheric pressure	: <b>Error! Reference source not found.</b> kPa

For the measurement records, refer to the appendix B.

## 6 Photographs of the Test Set-Up

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

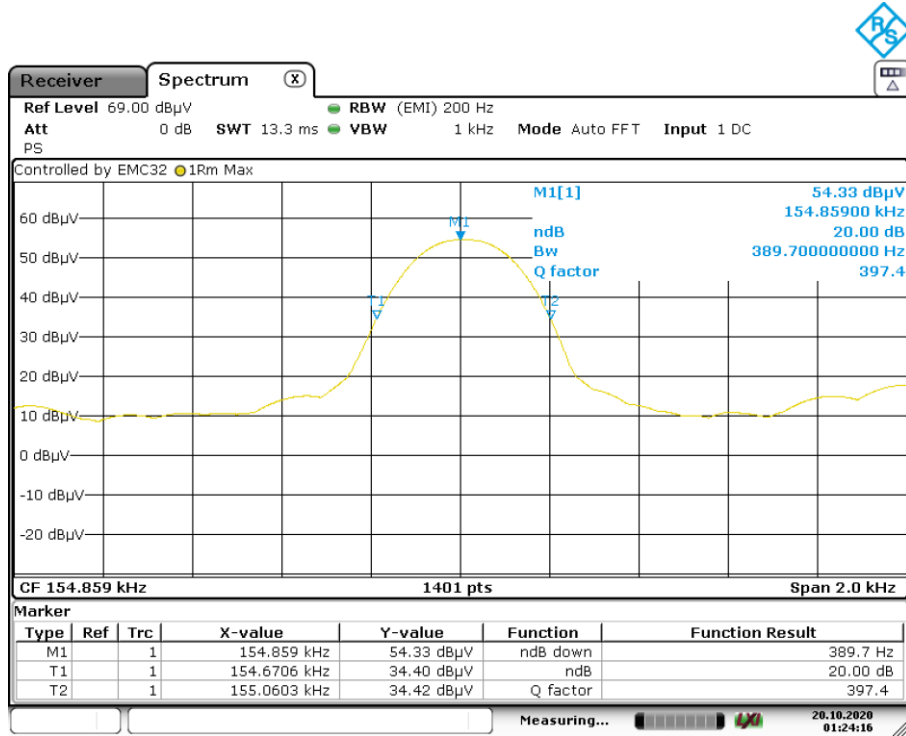
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### Appendix B.1: Test Plots of 20dB Bandwidth



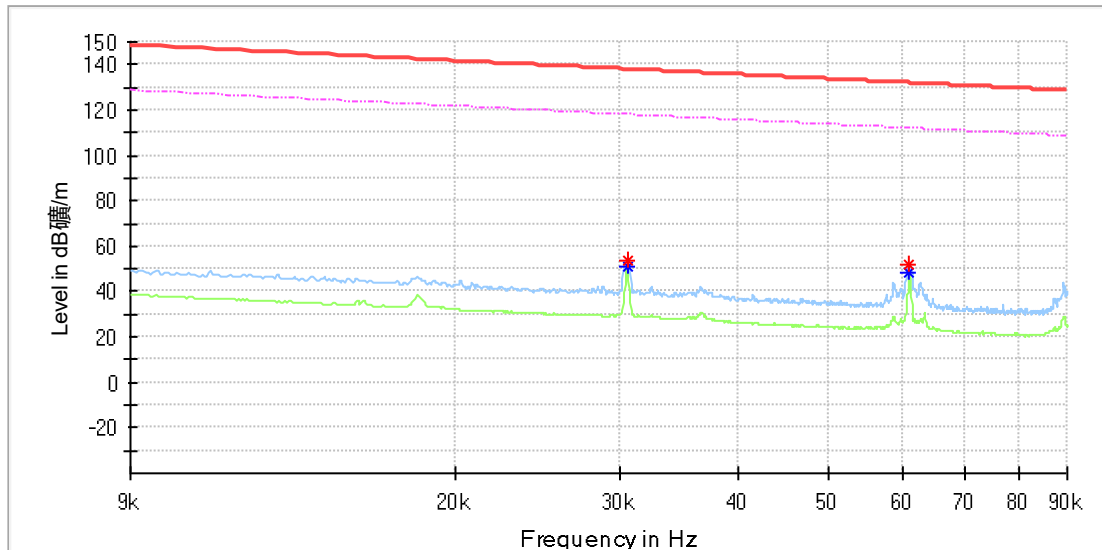
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## Appendix B.2: Test Plots of Radiated Spurious Emission

### EUT Information

EUT Name:	Wireless Charger
Model:	1809302
Test Mode:	Charging
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

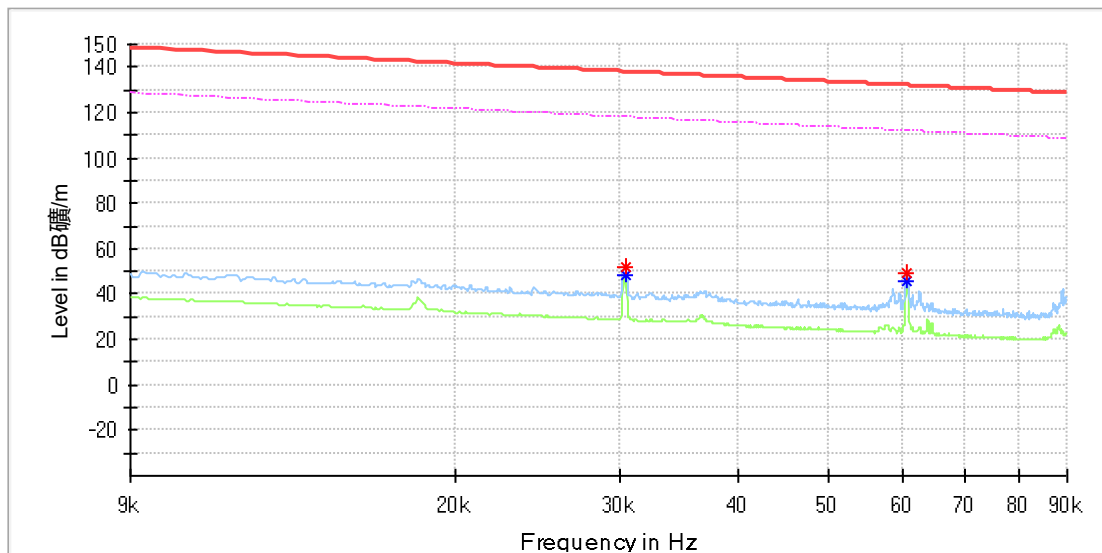


### Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.030523	53.77	---	137.90	84.13	100.0	X	225.0	20.0
0.030523	---	50.62	117.90	67.28	100.0	X	225.0	20.0
0.061071	52.02	---	131.88	79.86	100.0	X	225.0	20.0
0.061071	---	48.08	111.88	63.80	100.0	X	225.0	20.0

## EUT Information

EUT Name:	Wireless Charger
Model:	1809302
Test Mode:	Charging
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

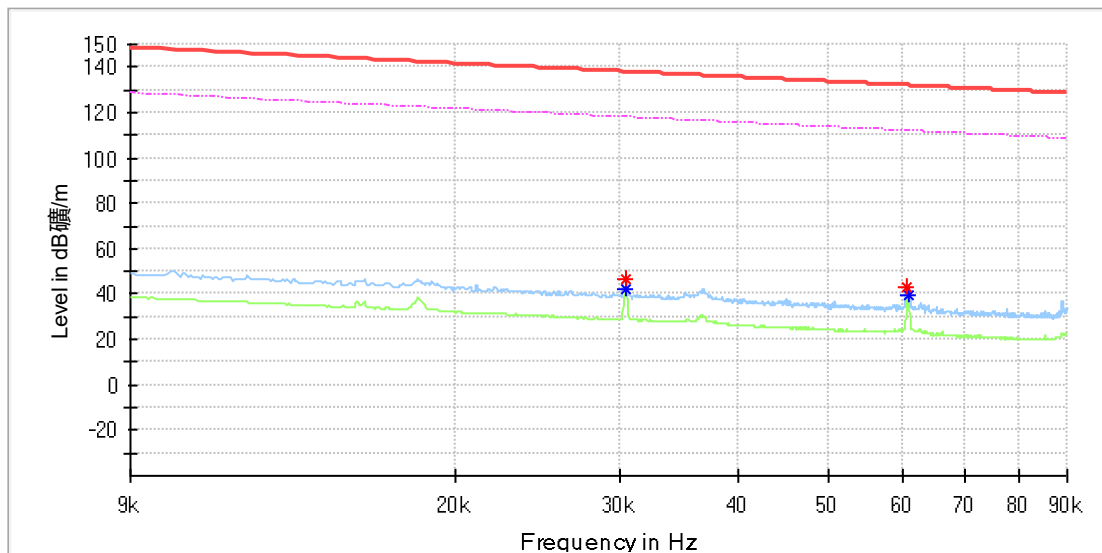


## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.030349	51.76	---	137.95	86.19	100.0	Y	307.0	20.0
0.030349	---	48.61	117.95	69.34	100.0	Y	307.0	20.0
0.060609	49.68	---	131.94	82.26	100.0	Y	307.0	20.0
0.060782	---	46.15	111.92	65.77	100.0	Y	332.0	20.0

## EUT Information

EUT Name:	Wireless Charger
Model:	1809302
Test Mode:	Charging
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

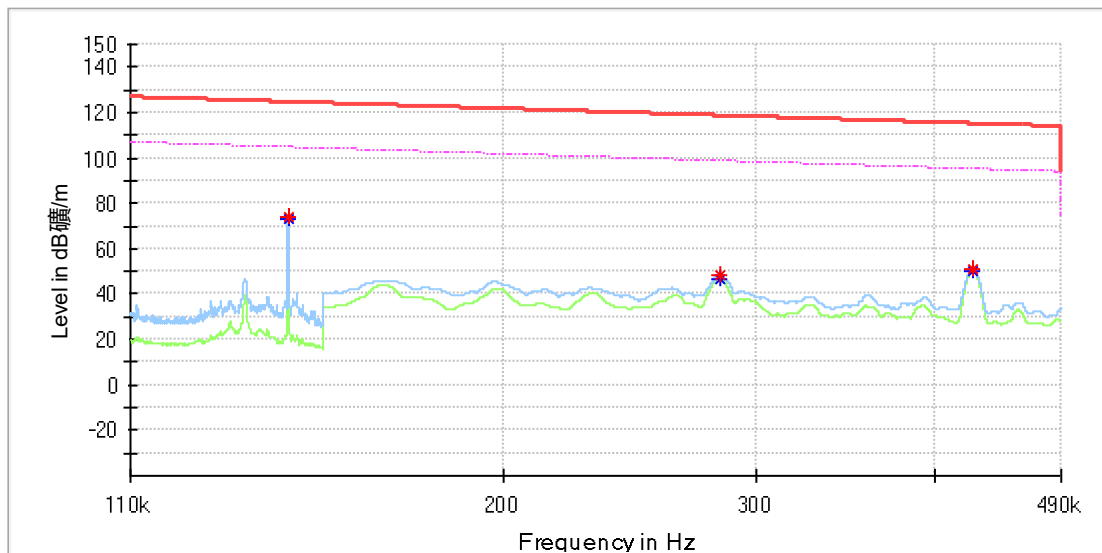


## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.030407	---	42.10	117.93	75.83	100.0	Z	233.0	20.0
0.030465	46.24	---	137.92	91.68	100.0	Z	233.0	20.0
0.060782	43.36	---	131.92	88.56	100.0	Z	233.0	20.0
0.060840	---	39.10	111.91	72.81	100.0	Z	233.0	20.0

## EUT Information

EUT Name: Wirelss Charger  
 Model: 1809302  
 Test Mode: Charging  
 Test Voltage:: AC 120V, 60Hz  
 Remark: Temp 22 Humi:50%  
 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin

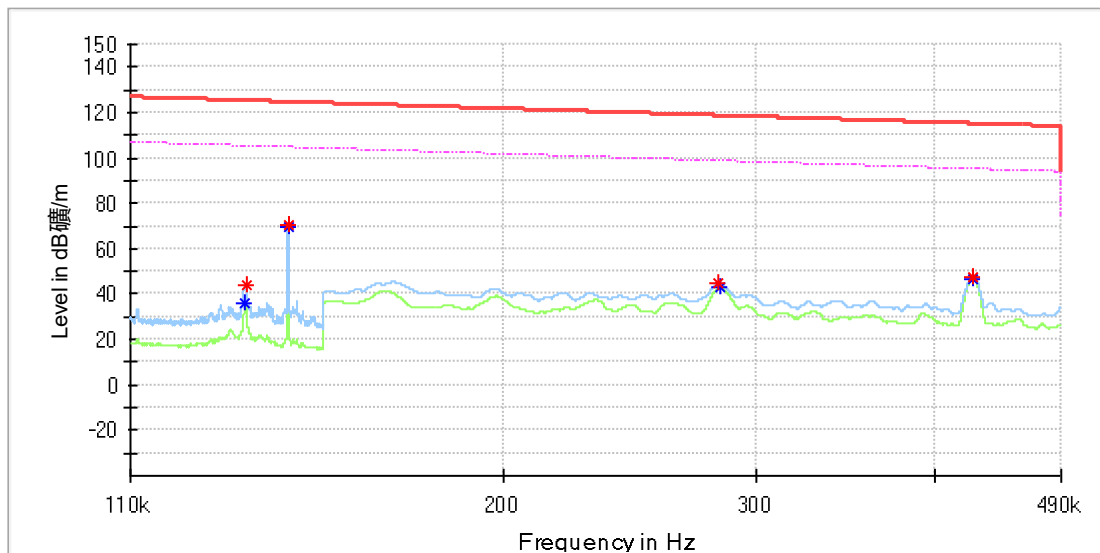


## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.141686	73.66	---	124.57	50.91	100.0	X	0.0	20.0
0.141686	---	73.41	104.57	31.16	100.0	X	0.0	20.0
0.283150	---	46.74	98.56	51.82	100.0	X	188.0	20.0
0.283200	48.34	---	118.56	70.22	100.0	X	188.0	20.0
0.425050	51.05	---	115.03	63.99	100.0	X	3.0	20.0
0.425050	---	50.44	95.03	44.59	100.0	X	3.0	20.0

## EUT Information

EUT Name:	Wireless Charger
Model:	1809302
Test Mode:	Charging
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

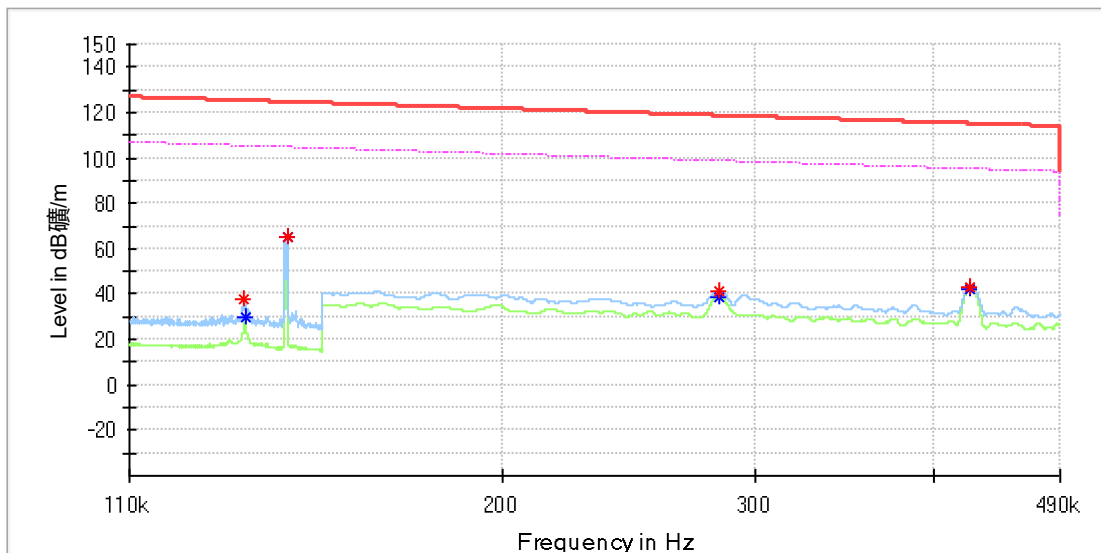


## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.132286	---	36.25	105.17	68.92	100.0	Y	306.0	20.0
0.132400	43.88	---	125.16	81.28	100.0	Y	281.0	20.0
0.141657	---	69.58	104.57	34.99	100.0	Y	281.0	20.0
0.141657	70.04	---	124.57	54.53	100.0	Y	281.0	20.0
0.282600	44.59	---	118.58	73.99	100.0	Y	127.0	20.0
0.283250	---	42.95	98.56	55.61	100.0	Y	127.0	20.0
0.425200	47.77	---	115.03	67.26	100.0	Y	99.0	20.0
0.425200	---	46.79	95.03	48.24	100.0	Y	99.0	20.0

## EUT Information

EUT Name:	Wireless Charger
Model:	1809302
Test Mode:	Charging
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

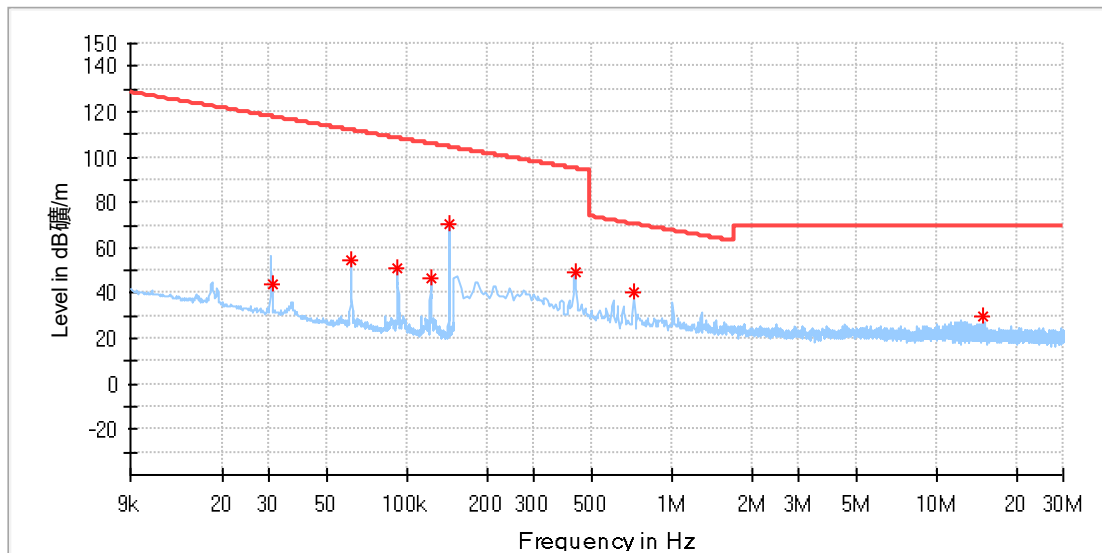


## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.132343	37.72	---	125.16	87.44	100.0	Z	251.0	20.0
0.132429	---	29.60	105.16	75.55	100.0	Z	251.0	20.0
0.141657	---	65.22	104.57	39.36	100.0	Z	0.0	20.0
0.141686	65.49	---	124.57	59.08	100.0	Z	5.0	20.0
0.283150	---	38.74	98.56	59.82	100.0	Z	25.0	20.0
0.283650	41.24	---	118.55	77.30	100.0	Z	25.0	20.0
0.423500	43.36	---	115.07	71.71	100.0	Z	12.0	20.0
0.423600	---	42.46	95.06	52.60	100.0	Z	12.0	20.0

## EUT Information

EUT Name: Wirelss Charger  
 Model: 1809302  
 Test Mode: Charging  
 Test Voltage:: AC 120V, 60Hz  
 Remark: Temp 22 Humi:50%  
 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin

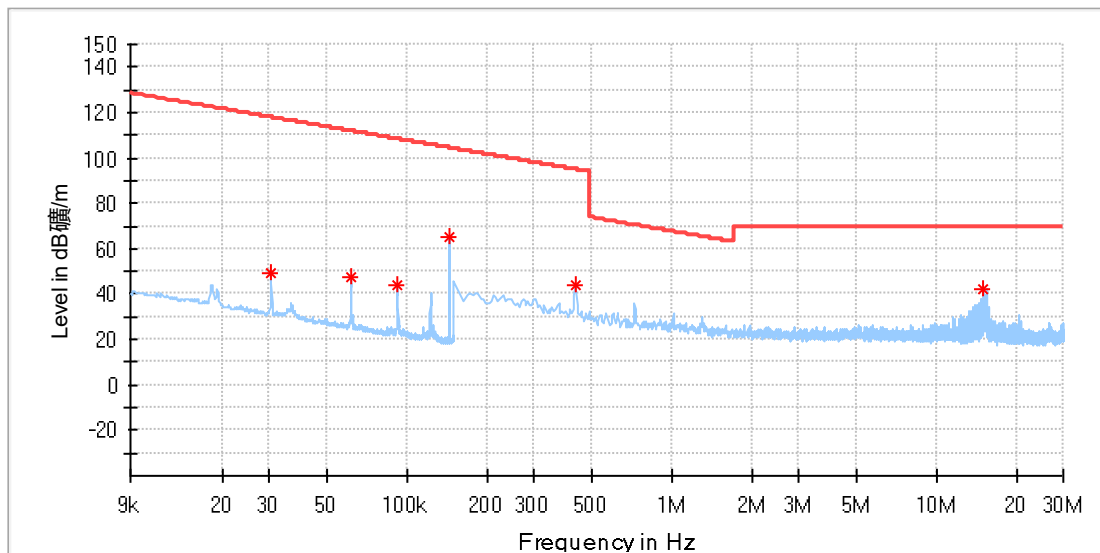


## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.030855	43.81	117.80	73.99	100.0	X	272.0	20.0
0.061170	54.37	111.86	57.49	100.0	X	252.0	20.0
0.091888	51.04	108.33	57.29	100.0	X	245.0	20.0
0.122404	46.63	105.84	59.21	100.0	X	252.0	20.0
0.143957	70.04	104.43	34.40	100.0	X	164.0	20.0
0.430941	48.99	94.92	45.92	100.0	X	139.0	20.0
0.716272	40.32	70.51	30.19	100.0	X	323.0	20.0
14.960868	29.54	69.50	39.96	100.0	X	359.0	20.0

## EUT Information

EUT Name: Wirelss Charger  
 Model: 1809302  
 Test Mode: Charging  
 Test Voltage:: AC 120V, 60Hz  
 Remark: Temp 22 Humi:50%  
 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



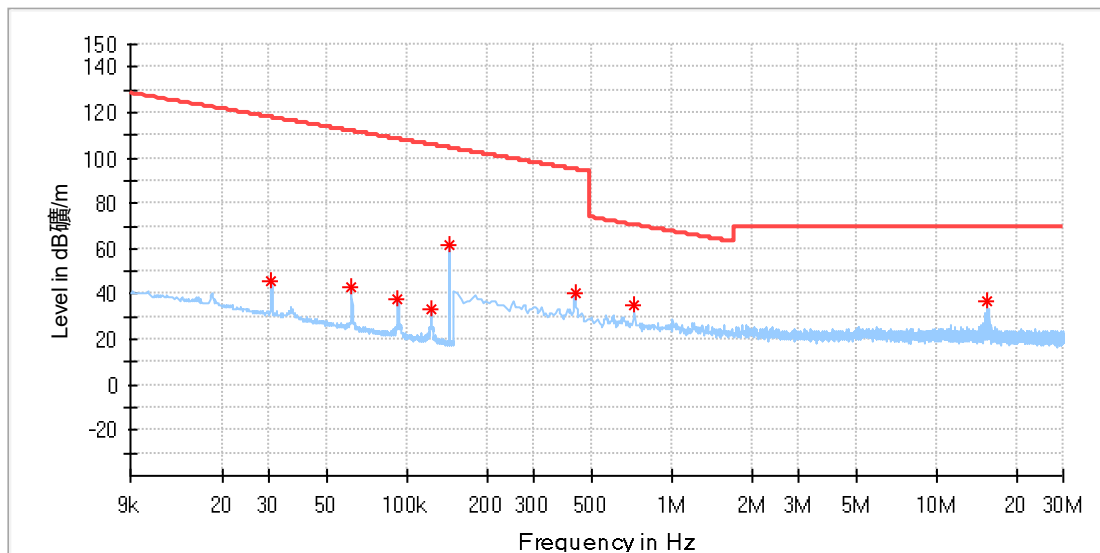
## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.030553	49.06	117.89	68.83	100.0	Y	211.0	20.0
0.061170	47.38	111.86	64.48	100.0	Y	211.0	20.0
0.091787	44.06	108.34	64.28	100.0	Y	211.0	20.0
0.144763	64.86	104.39	39.52	100.0	Y	47.0	20.0
0.430941	43.84	94.92	51.08	100.0	Y	28.0	20.0
15.057441	42.47	69.50	27.03	100.0	Y	336.0	20.0



## EUT Information

EUT Name:	Wireless Charger
Model:	1809302
Test Mode:	Charging
Test Voltage::	AC 120V, 60Hz
Remark:	Temp 22 Humi:50%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



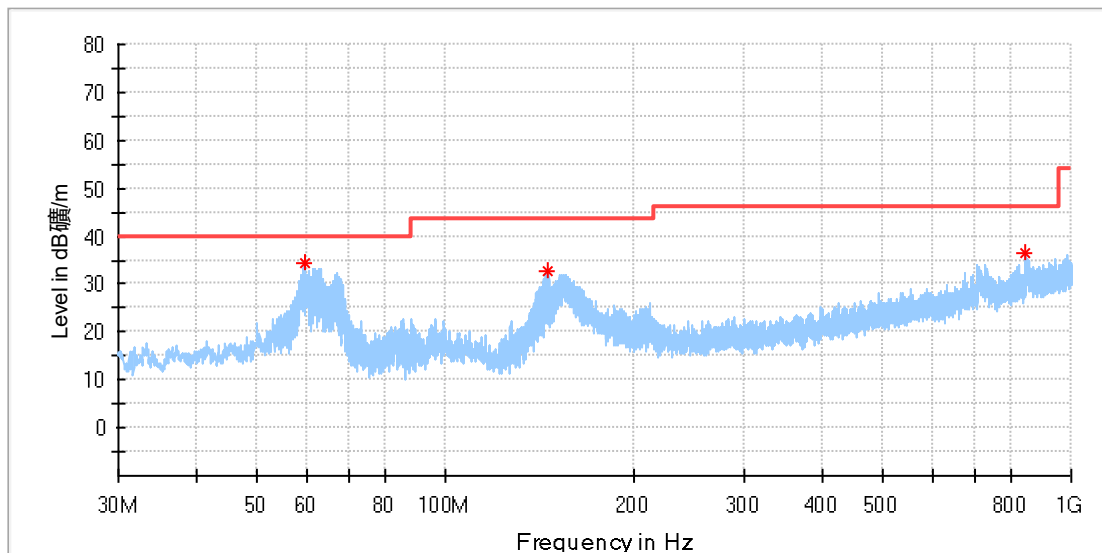
## Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.030654	45.67	117.86	72.19	100.0	Z	244.0	20.0
0.061371	42.65	111.84	69.18	100.0	Z	244.0	20.0
0.092391	37.95	108.28	70.33	100.0	Z	275.0	20.0
0.122807	32.93	105.81	72.89	100.0	Z	244.0	20.0
0.143454	61.56	104.46	42.91	100.0	Z	157.0	20.0
0.430941	40.27	94.92	54.64	100.0	Z	137.0	20.0
0.716272	34.72	70.51	35.79	100.0	Z	167.0	20.0
15.535919	37.05	69.50	32.45	100.0	Z	92.0	20.0

Produkte  
 Products

### EUT Information

EUT Name: Wirelss Charger  
 Model: 1809302  
 Test Mode: Charging  
 Test Voltage:: AC 120V, 60Hz  
 Remark: Temp 22 Humi:50%  
 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin

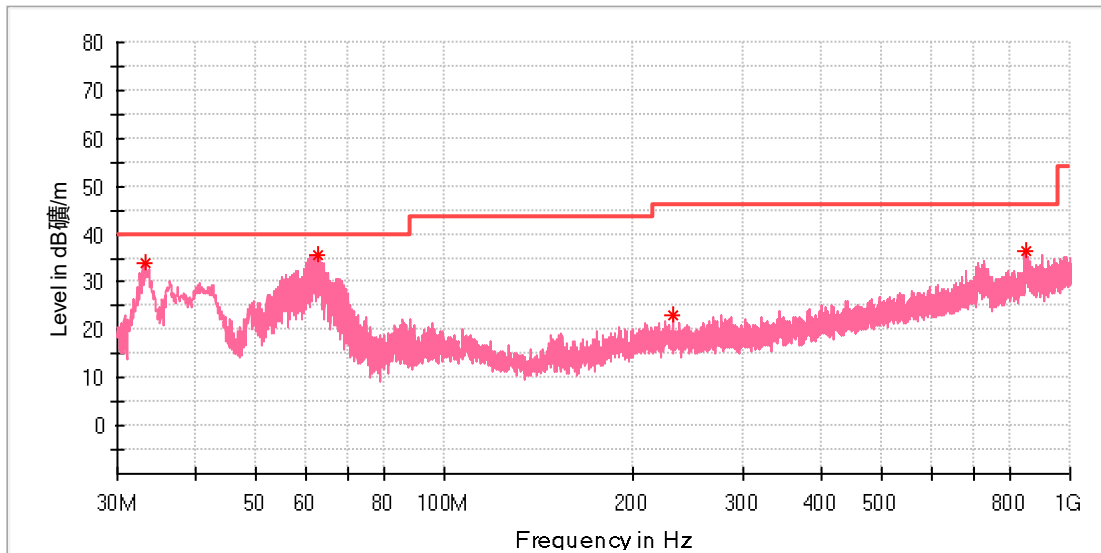


### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.391000	34.40	---	40.00	5.60	100.0	H	161.0	-18.9
146.157500	32.53	---	43.50	10.97	100.0	H	217.0	-22.2
844.897000	36.48	---	46.00	9.52	100.0	H	22.0	-5.6

### EUT Information

EUT Name: Wirelss Charger  
 Model: 1809302  
 Test Mode: Charging  
 Test Voltage:: AC 120V, 60Hz  
 Remark: Temp 22 Humi:50%  
 Test Standard: FCC Part 15C  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



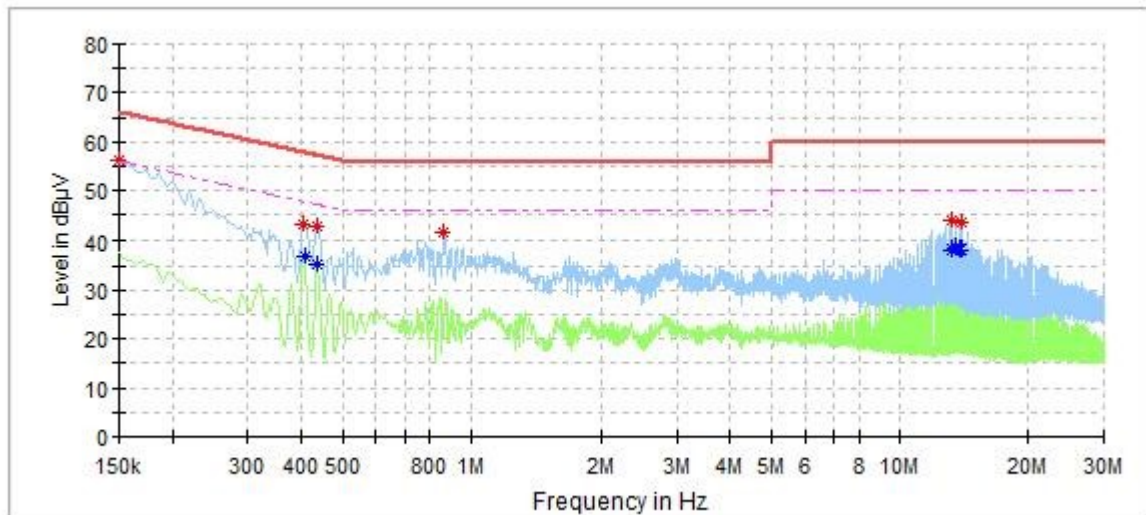
### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
33.249500	33.76	---	40.00	6.24	100.0	V	50.0	-22.4
62.543500	35.48	---	40.00	4.52	100.0	V	77.0	-19.5
231.663000	23.08	---	46.00	22.92	100.0	V	348.0	-18.0
851.590000	36.30	---	46.00	9.70	100.0	V	301.0	-5.5

### Appendix B.3: Test Plots of AC Mains Conducted Emission

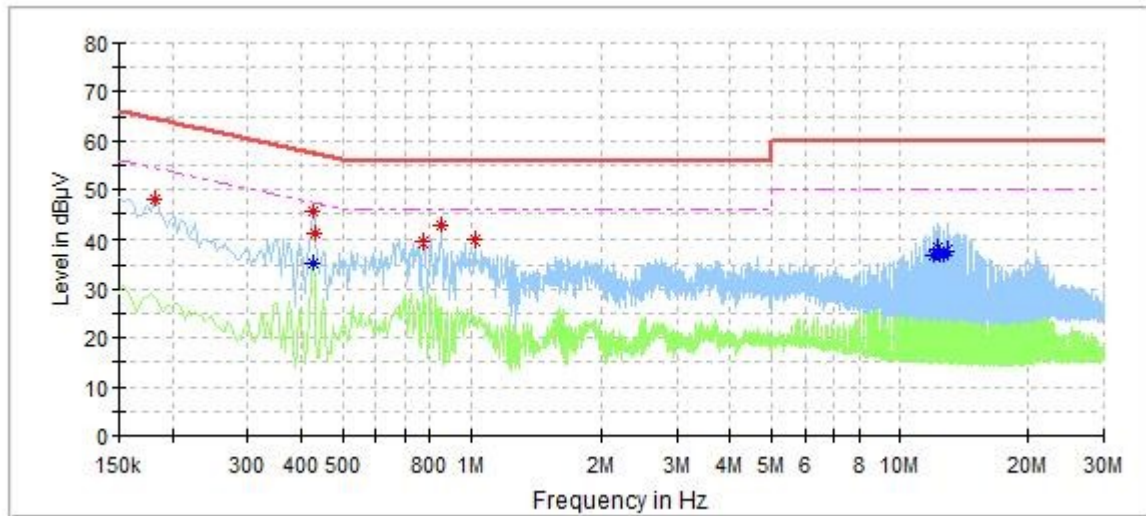
#### EUT Information

EUT Name: Wirelss Charger  
 Model: 1809302  
 Test Mode: ON  
 Test Voltage: AC 120V/60Hz  
 Test By: Steve Lan  
 Review By: Gary Chen  
 Remark: SR1



#### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	56.27	---	66.00	9.73	L1	9.6
0.406000	43.15	---	57.73	14.58	L1	9.7
0.410000	---	36.87	47.65	10.78	L1	9.7
0.438000	42.87	---	57.10	14.23	L1	9.7
0.438000	---	35.11	47.10	11.99	L1	9.7
0.860000	41.41	---	56.00	14.59	L1	9.7
13.244000	43.85	---	60.00	16.15	L1	10.2
13.244000	---	38.19	50.00	11.81	L1	10.2
13.548000	---	38.37	50.00	11.63	L1	10.2
13.772000	---	38.16	50.00	11.84	L1	10.3
13.996000	43.29	---	60.00	16.71	L1	10.3
13.996000	---	38.06	50.00	11.94	L1	10.3



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.182000	47.98	---	64.39	16.41	N	9.6
0.426000	45.68	---	57.33	11.65	N	9.7
0.426000	---	35.34	47.33	11.99	N	9.7
0.434000	41.07	---	57.18	16.10	N	9.7
0.776000	39.49	---	56.00	16.51	N	9.7
0.848000	42.54	---	56.00	13.46	N	9.7
1.020000	39.70	---	56.00	16.30	N	9.7
12.008000	---	37.07	50.00	12.93	N	10.2
12.244000	---	38.32	50.00	11.68	N	10.2
12.392000	---	36.96	50.00	13.04	N	10.2
12.628000	---	37.01	50.00	12.99	N	10.2
12.864000	---	37.94	50.00	12.06	N	10.2