



FCC/ISED - TEST REPORT

Report Number : 709502607299-00 Date of Issue: **August 4, 2026**

Model : **PB765**

Product Type : Magnetic Wireless Power Bank

Applicant : Ugreen Group Limited

Address : Ugreen Building, Longcheng Industrial Park Longguanxi Road,

: Longhua 518000 ShenZhen, PEOPLE'S REPUBLIC OF CHINA

Manufacturer : Ugreen Group Limited

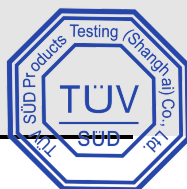
Address : Ugreen Building, Longcheng Industrial Park Longguanxi Road,

: Longhua 518000 ShenZhen, PEOPLE'S REPUBLIC OF CHINA

Test Result : ☒ **Positive** ☐ **Negative**

Total pages including
Appendices

: **46**



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1. Table of Contents

1. Table of Contents 2

2. Report Modification Record 3

3. Details about the Test Laboratory 3

4. Description of the Equipment Under Test 4

5. Summary of Test Standards 6

6. Summary of Test Results 7

7. General Remarks 8

8. Test Setups 9

9. Technical Requirement 10

10. Test Equipment List 45

11. Measurement System Uncertainty 46



2. Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
1	First Issue	08/04/2026

3. Details about the Test Laboratory

Details about the Test Laboratory 1:

Company name: TÜV SÜD Products Testing (Shanghai) Co., Ltd.
Address: No.16 Lane, 1951 Du Hui Road, Shanghai 201108, P.R. China
FCC Registration Number: 820234
FCC Designation Number: CN1183
ISED Registration Number: 31668
ISED CAB identifier: CN0101
Telephone: +86 21 6037 6300

4. Description of the Equipment Under Test

4.1 EUT Description

Product name:	Magnetic Wireless Power Bank
Model no.:	PB765
PMN:	PB765
HVIN:	PB765
P/ N Code:	55423, 55423P, 55423X, 55423A, 55423B, 55423U, 55423JP, 55423ZD
FCC ID:	Remark: - Product Number (P/N) code in the above table, for marketing purpose, will be marked on the marking plate. 2AQI5-PB765
IC:	26850-PB765
Rating:	USB-C (IN1) Input : 5V=3A/9V=3A/12V=2.5A/15V=2A USB-C Cable (IN2) Input : 5V=3A/9V=3A/12V=2.5A/15V=2A USB-C (OUT1) Output : 5V=3A/9V=3A/12V=2.5A/15V=2A USB-C Cable (OUT2) Output : 5V=3A/9V=3A/12V=2.5A/15V=2A Wireless Charging Output Power: iPhone 25W Max, AirPods 5W Max Total Output: 5V=5A+20W Cell Rated Capacity: 5000mAh (Two Cells in Series) Rated Energy: 39.2Wh (7.84V) Rated Output Capacity: 5900mAh (TYP 5V 3A)
RF Transmission Frequency:	111-148.5kHz, 360kHz
Antenna Type:	Coil Antenna
Description of the EUT:	The EUT is a Power Bank with WPT function. The TX and RX range is: For Phone BPP5W: 111K~148.5KHz, For Samsung10W: 111K~148.5KHz, For iPhone7.5W: 111K~148.5KHz, For AirPods: BPP5W 111K~148.5KHz, For iPhone15W, iPhone25W 360KHz
Hardware Version	Board A : PB765-A-A2; Board B : PB765-B-A3; Board C : PB765-C-A3; Board D : PB765-D-A1
Software Version	A2
Test sample no.:	SHA-1060389-1
RSS-216 Classification	☐ Type 1(interference-causing equipment)
WPT Type:	☐ Type 2(Category II radio apparatus) ☒ Type 3 (Category I radio apparatus)

The sample's mentioned in this report is/are submitted/ supplied/ manufactured by client. The laboratory therefore assumes no responsibility for accuracy of information on the brand name, model number, origin of manufacture, consignment, antenna gain, or any information supplied.



4.2 Peripheral devices during the testing:

- | | |
|---|--------------------------|
| ■ - <u>Intelligent Measuring Instrument</u> | Type: <u>F18/19</u> |
| ■ - <u>Intelligent Measuring Instrument</u> | Type: <u>0066/040301</u> |
| ■ - <u>AC/DC adapter</u> | Type: <u>MDY-14-ED</u> |



5. Summary of Test Standards

Test Standards	
FCC Part 15 Subpart C 10-1-2024 Edition	PART 15 - RADIO FREQUENCY DEVICES Subpart C - Intentional Radiators
RSS-216 Issue 3 September 2024	Wireless Power Transfer Devices
RSS-Gen Issue 5 April 2018 +Amendment 1 March 2019 + Amendment 2 February 2021	General Requirements for Compliance of Radio Apparatus

All the test methods were according to ANSI C63.10 (2020).

Note: For ISED, this report is also performed according to ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 standards.

6. Summary of Test Results

Technical Requirements		
47 CFR Part 15 Subpart C RSS-216		
Test Condition		Test Result
RSS-216 §5.3.2 RSS-GEN §8.10 47 CFR §15.207	Conducted emission AC power port	Pass
RSS-216 §5.3.3 RSS-GEN §8.10 47 CFR §15.209	Radiated Emissions	Pass (Note1)
RSS-GEN §6.7	Occupied bandwidth	Pass
47 CFR §15.215(c)	20dB bandwidth	Pass
RSS-216 §5.5	Frequency stability	Pass
47 CFR §15.203 RSS-Gen 6.8	Antenna requirement	Pass (Note2)

Note1: Because the highest frequency of the internal sources of the EUT is less than 108MHz, so the measurement only is made up to 1GHz.

Note 2: The EUT uses a coil antenna. In accordance to §15.203 and RSS-Gen 6.8, it is considered sufficiently to comply with the provisions of this section.

Test Mode:

EUT was tested under all available operation modes, only the worst case of product operating at maximum power was listed in this report.



7. General Remarks

Remarks

The Equipment Under Test (EUT) is a Magnetic Wireless Power Bank which operates at 111-148.5kHz and 360kHz for wireless charging functions.

This submittal(s) (test report) is intended for FCC ID: 2AQI5-PB765 and IC: 26850- PB765 complies with Section 15.207, 15.209, 15.205 of the FCC Part 15, Subpart C rules and RSS-Gen Issue 5, RSS-216 issue 3.

SUMMARY:

All tests according to the regulations cited on page 5 were

■ - Performed

□ - Not Performed

The Equipment under Test

■ - **Fulfills** the general approval requirements.

□ - **Does not** fulfill the general approval requirements.

Sample Received Date: July 31, 2026

Testing Start Date: August 3, 2026

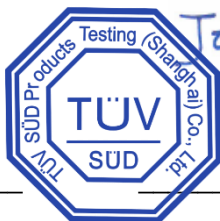
Testing End Date: August 4, 2026

- TÜV SÜD Products Testing (Shanghai) Co., Ltd.-

Reviewed by:

Prepared by:

Tested by:



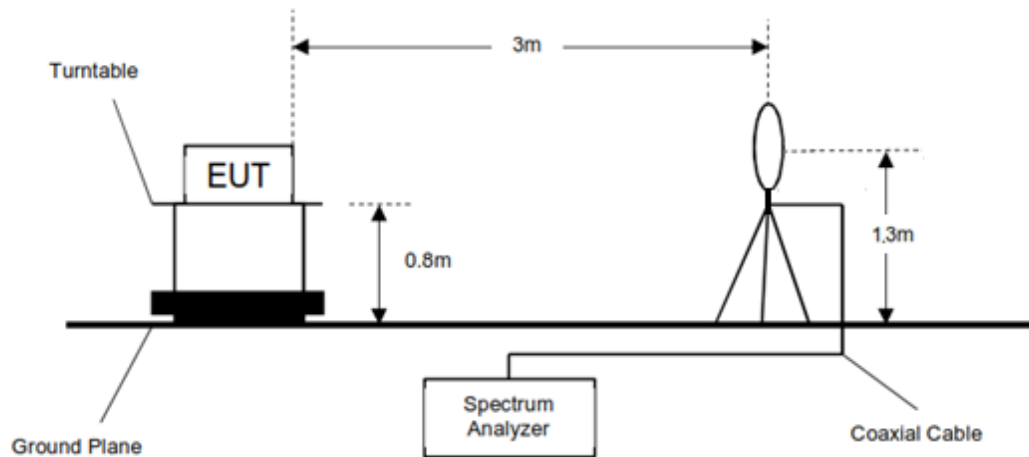
Hui TONG
Review Engineer

Jiaxi XU
Project Engineer

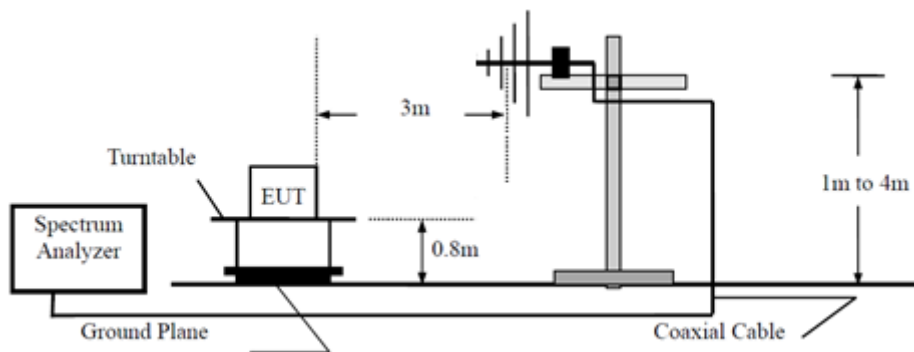
Chengjie GUO
Test Engineer

8. Test Setups

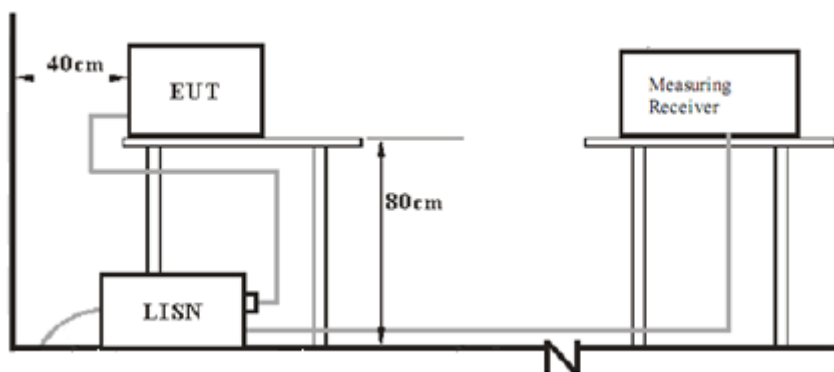
Below 30MHz



30MHz-1GHz



AC Power Line Conducted Emission test setups



9. Technical Requirement

9.1 Conducted Emission Test

Test Method

1. The EUT was placed on a table, which is 0.8m above ground plane
2. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.).
3. Maximum disturbance procedure was performed to ensure EUT compliance
4. A EMI test receiver is used to test the emissions from both sides of AC line

Limit

According to 47 CFR §15.207, conducted emissions limit as below:

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

According to RSS-216 §5.3.2 conducted emissions limit as below:

Frequency range (MHz)	quasi-peak (dBμV)	average (dBμV)
0.009 to 0.05	110	—
0.05 to 0.15	90 to 80	—
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50
i. The more stringent limit applies at transition frequencies. ii. In the 0.05 MHz to 0.15 MHz and 0.15 MHz to 0.5 MHz frequency ranges the limit level in dBμV decreases linearly with the logarithm of frequency.		

Note: The severer limit RSS-216 is used. The test results meet RSS-216, limits requirement can also meet 47 CFR §15.207 requirement.

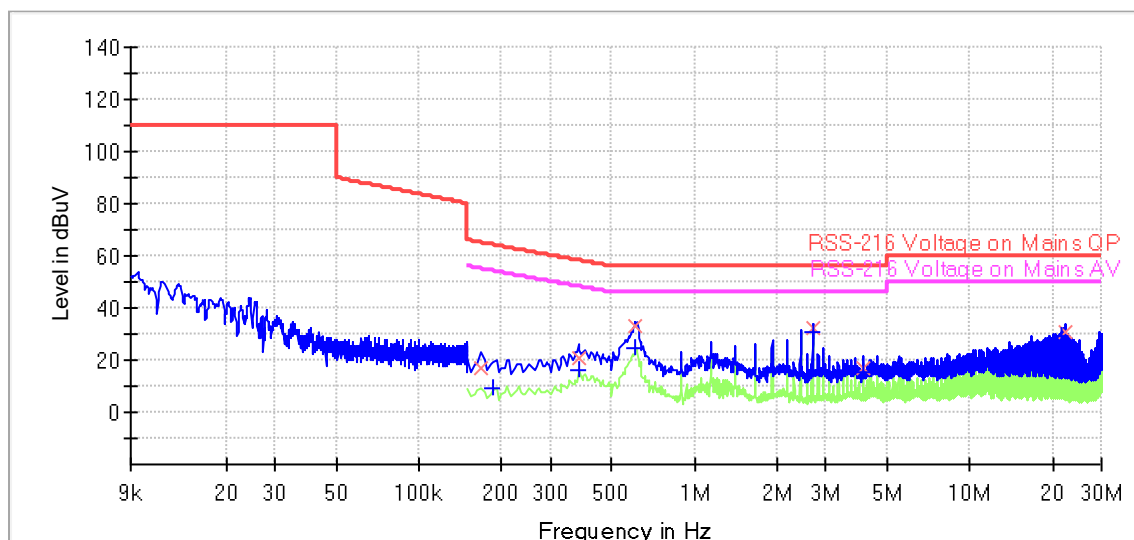
Test Result:**9K-30MHz Conducted Disturbance Test****EUT Information**

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS-216
 Sample No.: SHA-1060389-1

Scan Setup: Voltage with 2-Line-LISN pre [EMI conducted]

Hardware Setup: Voltage with 2-Line-LISN
 Receiver: [ESR 3]
 Level Unit: dBuV

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	100 Hz	PK+	200 Hz	0.02 s	0 dB
150 kHz - 30 MHz	4.5 kHz	PK+; AVG	9 kHz	0.01 s	0 dB

**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.168000	16.96	---	65.06	48.10	1000.0	9.000	L1	19.4
0.186000	---	9.40	54.21	44.81	1000.0	9.000	L1	19.4
0.379500	20.57	---	58.29	37.72	1000.0	9.000	L1	19.4
0.384000	---	16.22	48.19	31.97	1000.0	9.000	L1	19.4
0.609000	32.72	---	56.00	23.28	1000.0	9.000	L1	19.4
0.613500	---	24.87	46.00	21.13	1000.0	9.000	L1	19.4
2.683500	32.42	---	56.00	23.58	1000.0	9.000	L1	19.4
2.683500	---	30.78	46.00	15.22	1000.0	9.000	L1	19.4
4.092000	16.74	---	56.00	39.26	1000.0	9.000	L1	19.5
4.092000	---	15.28	46.00	30.72	1000.0	9.000	L1	19.5
21.475500	---	29.51	50.00	20.49	1000.0	9.000	L1	20.1
22.240500	30.82	---	60.00	29.18	1000.0	9.000	L1	20.1

9K-30MHz Conducted Disturbance Test

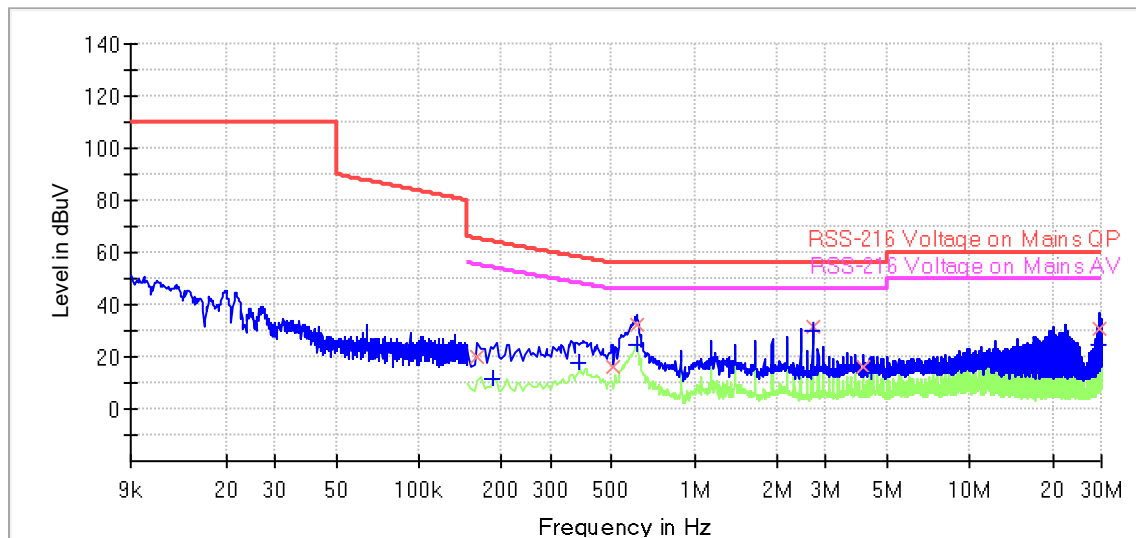
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS-216
 Sample No.: SHA-1060389-1

Scan Setup: Voltage with 2-Line-LISN pre [EMI conducted]

Hardware Setup: Voltage with 2-Line-LISN
 Receiver: [ESR 3]
 Level Unit: dBuV

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamplifier
9 kHz - 150 kHz	100 Hz	PK+	200 Hz	0.02 s	0 dB
150 kHz - 30 MHz	4.5 kHz	PK+; AVG	9 kHz	0.01 s	0 dB



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.163500	20.27	---	65.28	45.01	1000.0	9.000	N	19.5
0.186000	---	11.62	54.21	42.59	1000.0	9.000	N	19.5
0.384000	---	17.85	48.19	30.34	1000.0	9.000	N	19.4
0.505500	15.85	---	56.00	40.15	1000.0	9.000	N	19.5
0.618000	---	24.55	46.00	21.45	1000.0	9.000	N	19.5
0.618000	32.55	---	56.00	23.45	1000.0	9.000	N	19.5
2.683500	31.70	---	56.00	24.30	1000.0	9.000	N	19.4
2.683500	---	30.05	46.00	15.95	1000.0	9.000	N	19.4
4.092000	16.34	---	56.00	39.66	1000.0	9.000	N	19.5
4.348500	---	14.02	46.00	31.98	1000.0	9.000	N	19.5
29.652000	---	24.86	50.00	25.14	1000.0	9.000	N	20.2
29.656500	30.73	---	60.00	29.27	1000.0	9.000	N	20.2

9K-30MHz Conducted Disturbance Test

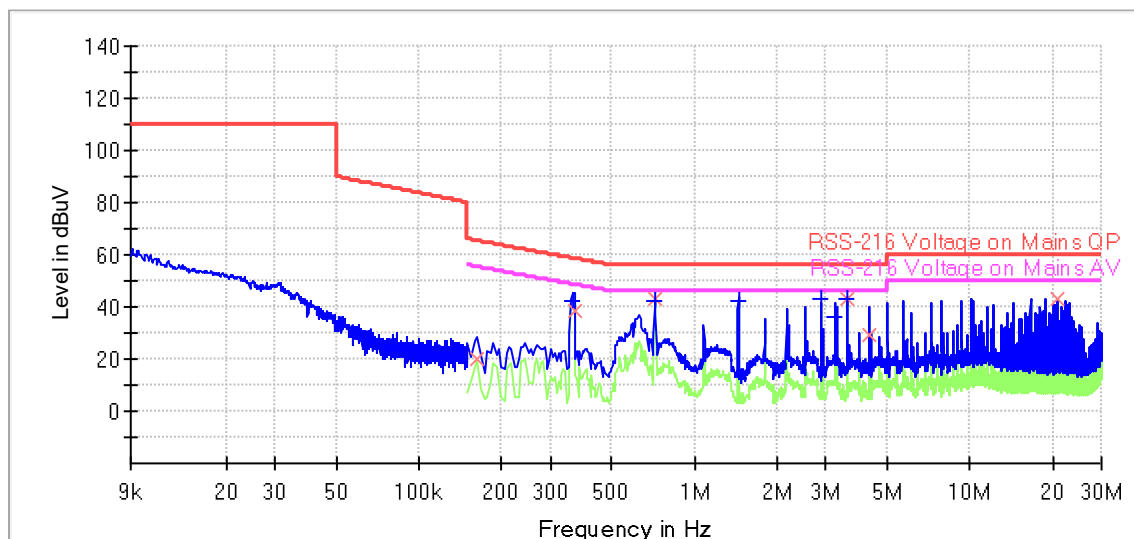
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS-216
 Sample No.: SHA-1060389-1

Scan Setup: Voltage with 2-Line-LISN pre [EMI conducted]

Hardware Setup: Voltage with 2-Line-LISN
 Receiver: [ESR 3]
 Level Unit: dBuV

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamplifier
9 kHz - 150 kHz	100 Hz	PK+	200 Hz	0.02 s	0 dB
150 kHz - 30 MHz	4.5 kHz	PK+; AVG	9 kHz	0.01 s	0 dB



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.163500	20.36	---	65.28	44.92	1000.0	9.000	L1	19.5
0.361500	---	42.22	48.69	6.47	1000.0	9.000	L1	19.4
0.366000	38.23	---	58.59	20.36	1000.0	9.000	L1	19.4
0.721500	---	42.35	46.00	3.65	1000.0	9.000	L1	19.4
0.721500	42.92	---	56.00	13.08	1000.0	9.000	L1	19.4
1.441500	---	42.31	46.00	3.69	1000.0	9.000	L1	19.4
2.881500	---	43.00	46.00	3.00	1000.0	9.000	L1	19.4
3.246000	---	35.94	46.00	10.06	1000.0	9.000	L1	19.4
3.601500	43.04	---	56.00	12.96	1000.0	9.000	L1	19.4
3.601500	---	42.73	46.00	3.27	1000.0	9.000	L1	19.4
4.321500	29.05	---	56.00	26.95	1000.0	9.000	L1	19.5
20.895000	43.07	---	60.00	16.93	1000.0	9.000	L1	19.9

9K-30MHz Conducted Disturbance Test

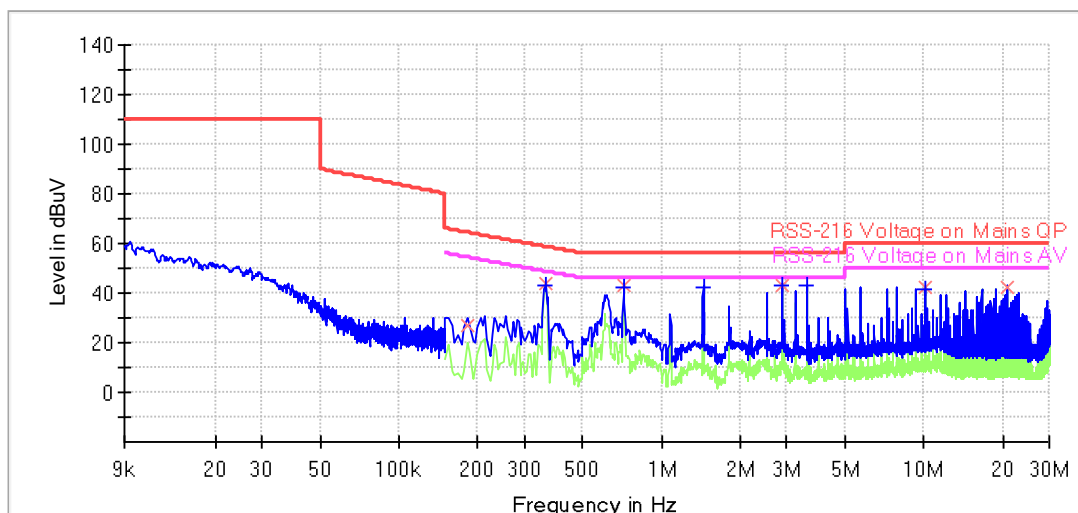
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS-216
 Sample No.: SHA-1060389-1

Scan Setup: Voltage with 2-Line-LISN pre [EMI conducted]

Hardware Setup: Voltage with 2-Line-LISN
 Receiver: [ESR 3]
 Level Unit: dBuV

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	100 Hz	PK+	200 Hz	0.02 s	0 dB
150 kHz - 30 MHz	4.5 kHz	PK+; AVG	9 kHz	0.01 s	0 dB



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.181500	27.18	---	64.42	37.24	1000.0	9.000	N	19.5
0.361500	---	43.01	48.69	5.68	1000.0	9.000	N	19.4
0.361500	43.53	---	58.69	15.16	1000.0	9.000	N	19.4
0.721500	---	42.32	46.00	3.68	1000.0	9.000	N	19.4
0.721500	42.72	---	56.00	13.28	1000.0	9.000	N	19.4
1.441500	---	42.34	46.00	3.66	1000.0	9.000	N	19.4
2.881500	43.17	---	56.00	12.83	1000.0	9.000	N	19.4
2.881500	---	42.98	46.00	3.02	1000.0	9.000	N	19.4
3.601500	---	42.79	46.00	3.21	1000.0	9.000	N	19.4
10.086000	42.05	---	60.00	17.95	1000.0	9.000	N	19.6
10.086000	---	41.88	50.00	8.12	1000.0	9.000	N	19.6
20.895000	42.30	---	60.00	17.70	1000.0	9.000	N	19.9

Remark:

Level=Reading Level + Correction Factor

Correction Factor=Cable Loss + LISN Factor

(The Reading Level is recorded by software which is not shown in the sheet)



9.2 Radiated Emission Test

Test Method

1. Field strength measurements (9 kHz to 30 MHz) using a loop antenna, the loop antenna center is at 1.3 m height above the ground plane, measurement is performed with the loop antenna placed in X, Y, Z axes to cover two polarizations, coaxial and coplanar.
2. Field strength measurements (30 MHz-1GHz) using a Trilog Super Broadband Test Antenna which was tuned to heights from 1 meter to 4 meters, horizontal and vertical polarizations during the measurement to determine the position of the highest radiation
3. The EUT was placed on the table (0.8 meters height) above the ground at a 3-meter distance away from the antenna. The table was rotated 360 degrees to determine the position of the highest radiation.

Calculation process:

For RSS-216 radiated emissions (9k – 30MHz)

According to the Notice 2020 - DRS0023, magnetic field strength is calculated by the following formula:

$$H[\text{dB}(\mu\text{A/m})] = V[\text{dB}(\mu\text{V})] + L_c [\text{dB}] - G_{PA} [\text{dB}] + A_F^E [\text{dB(m)}] - 51.5[\text{dB}\Omega]$$

Where

$H[\text{dB}(\mu\text{A/m})]$ is the magnetic field strength to be compared with the limit,

$V[\text{dB}(\mu\text{V})]$ is the voltage reading level measured by the receiver, the reading Level is recorded by software which is not shown in the sheet

$G_{PA} [\text{dB}]$ is the Preamplifier Gain(Which is not used and is omitted)

$A_F^E [\text{dB(m)}]$ is the electric antenna factor

$L_c [\text{dB}]$ is the cable loss

For other radiated emissions

$$E[\text{dB}(\mu\text{V/m})] = V[\text{dB}(\mu\text{V})] + L_c [\text{dB}] + A_F^E [\text{dB(m}^{-1}\text{)}]$$

Where

$E[\text{dB}(\mu\text{V/m})]$ is the electrical field strength level

$V[\text{dB}(\mu\text{V})]$ is the voltage reading level measured by the receiver, the reading Level is recorded by software which is not shown in the sheet

$A_F^E [\text{dB(m)}]$ is the electric antenna factor

$L_c [\text{dB}]$ is the cable loss

Limits

According to 47 CFR §15.209, radiated emissions limit at 3-meter measurement distance:

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)	Field strength (dBμV/m @3 meter)	Detector
0.009-0.490	2400/F(kHz)	300	128.5 – 93.8	QP
0.490-1.705	24000/F(kHz)	30	73.8 - 63	QP
1.705-30.0	30	30	69.5	QP
30-88	100	3	40	QP
88-216	150	3	43.5	QP
216-960	200	3	46	QP
960-1000	500	3	54	QP
Above 1000	500	3	54	AV
Above 1000	5000	3	74	PV

According to RSS-216 §5.3.3, radiated emissions limit at 3-meter measurement distance

Frequency (MHz)	Field strength	Unit	Detector
0.009 - 0.07	69	dBμA/m	QP
0.07 - 0.15	69 - 39	dBμA/m	QP
0.15 - 30.0	39 - 7	dBμA/m	QP
30-230	40	dBμV/m	QP
230 - 1000	47	dBμV/m	QP
Above 1000	54	dBμV/m	AV
Above 1000	74	dBμV/m	PV

Electric field strength limits at 3 m distance (30 MHz to 1000 MHz)

Frequency range (MHz)	quasi-peak (dBμV/m)
30 to 230	40
230 to 1000	47
i. The more stringent limit applies at the transition frequency.	

Test Result: pre-test all test modes and only list the worst mode in the report

0.009-30MHz Radiated Emission

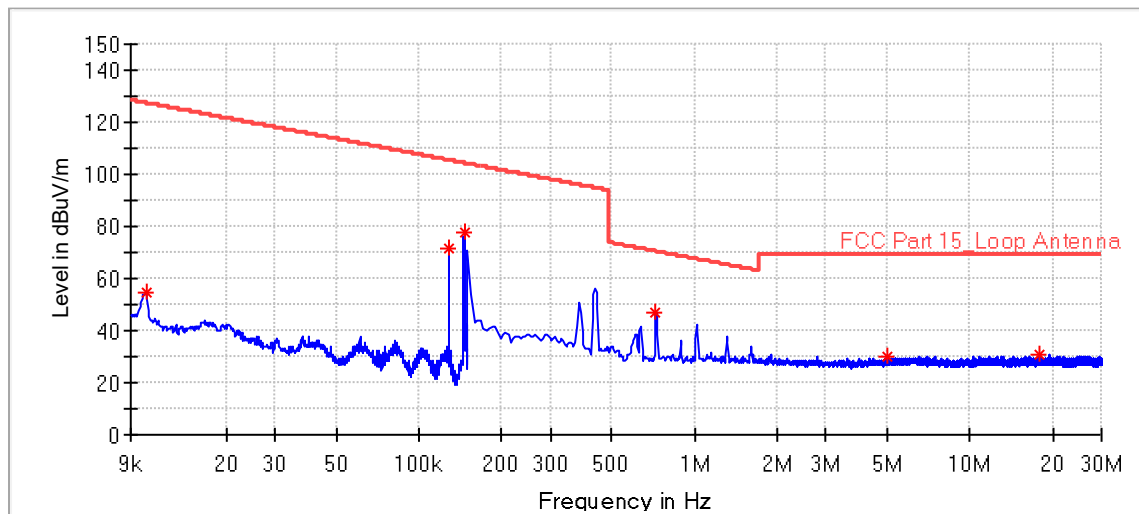
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 Client: Ugreen Group Limited
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 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.010234	54.34	127.40	73.06	X	204.0	19.6
0.127881	71.66	105.47	33.81	X	357.0	18.8
0.146651	77.79	104.28	26.49	X	23.0	18.8
0.725052	47.13	70.40	23.26	X	16.0	18.8
5.035743	30.00	69.54	39.55	X	2.0	18.9
17.932699	30.55	69.54	38.99	X	18.0	18.9

0.009-30MHz Radiated Emission

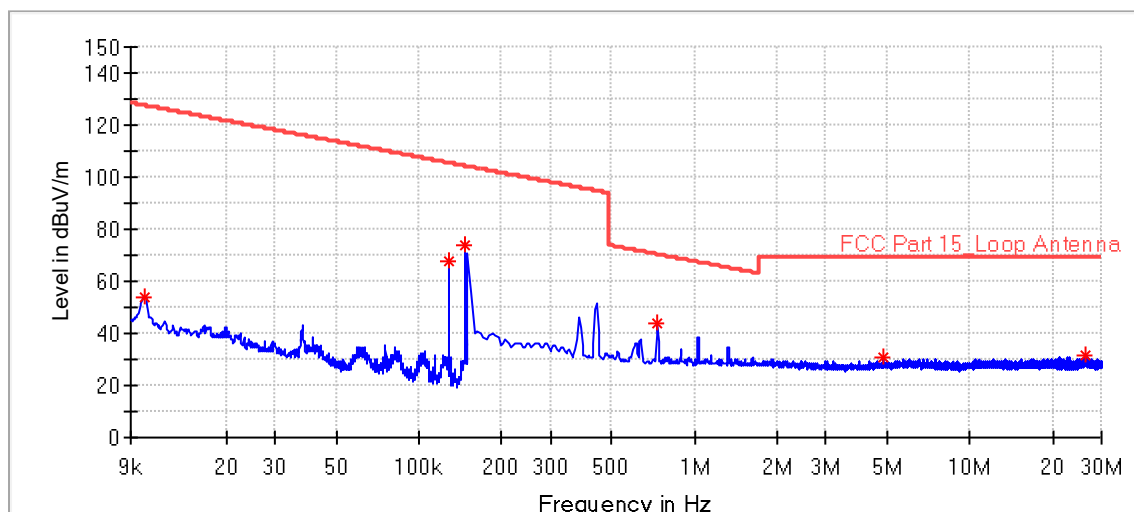
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.010058	54.19	127.55	73.37	Y	305.0	19.6
0.127881	67.43	105.47	38.03	Y	66.0	18.8
0.147533	73.75	104.23	30.48	Y	323.0	18.8
0.733831	43.59	70.29	26.70	Y	334.0	18.8
4.873324	30.93	69.54	38.61	Y	10.0	18.9
26.418000	31.44	69.54	38.11	Y	236.0	19.3

0.009-30MHz Radiated Emission

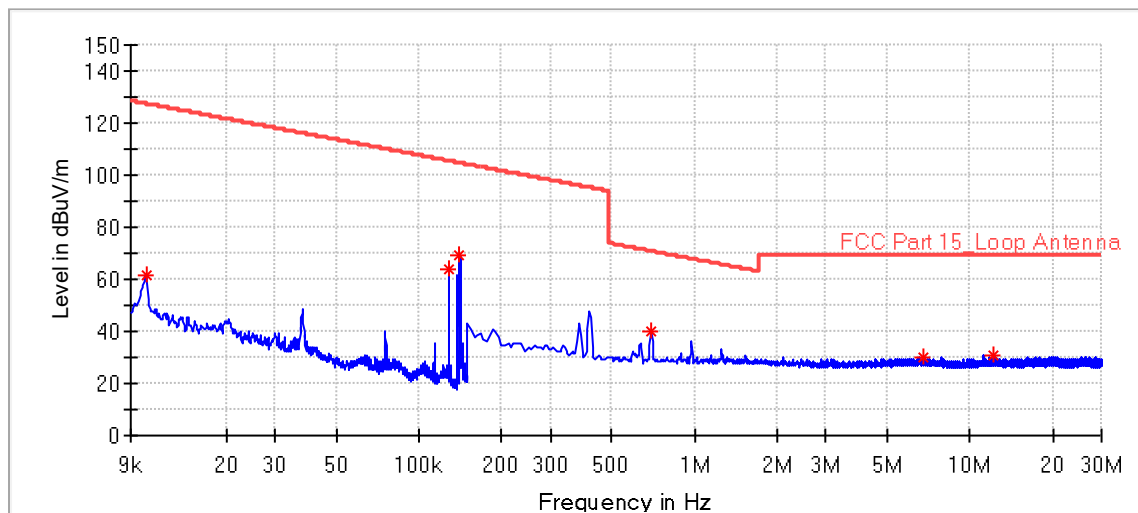
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.010234	61.57	127.40	65.83	Z	165.0	19.6
0.127881	63.79	105.47	41.68	Z	354.0	18.8
0.140571	68.88	104.65	35.76	Z	220.0	18.8
0.698713	39.69	70.72	31.03	Z	210.0	18.8
6.796015	29.76	69.54	39.78	Z	29.0	18.9
12.252419	30.52	69.54	39.03	Z	55.0	18.7

0.009-30MHz Radiated Emission

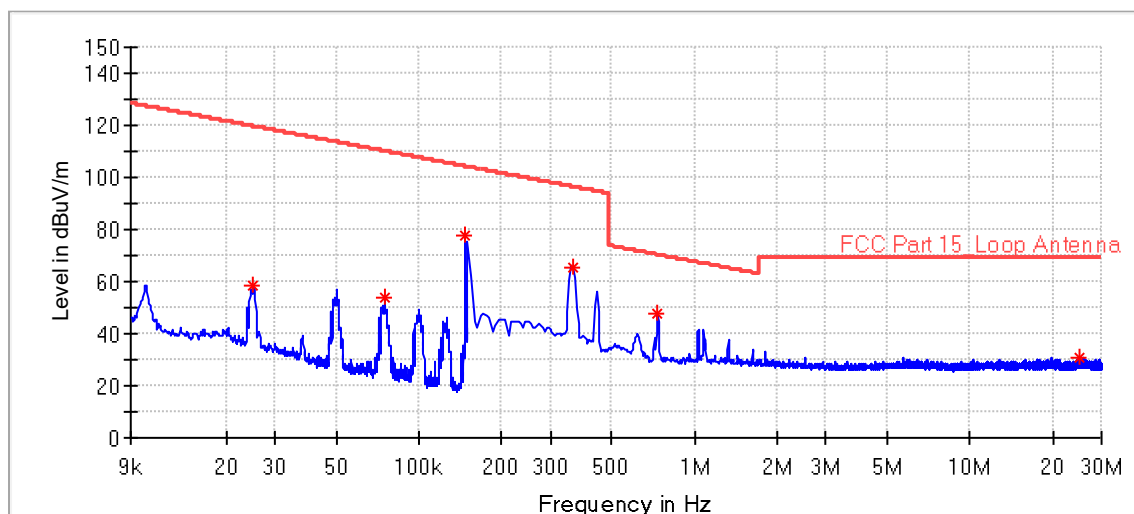
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)	Comment
0.025127	58.51	119.60	61.10	X	317.0	19.0	
0.075446	53.54	110.05	56.51	X	317.0	18.9	
0.147885	77.97	104.21	26.23	X	27.0	18.8	
0.360706	65.58	96.46	30.88	X	4.0	18.8	
0.738221	47.43	70.24	22.81	X	30.0	18.8	
24.965007	30.67	69.54	38.88	X	82.0	19.3	

0.009-30MHz Radiated Emission

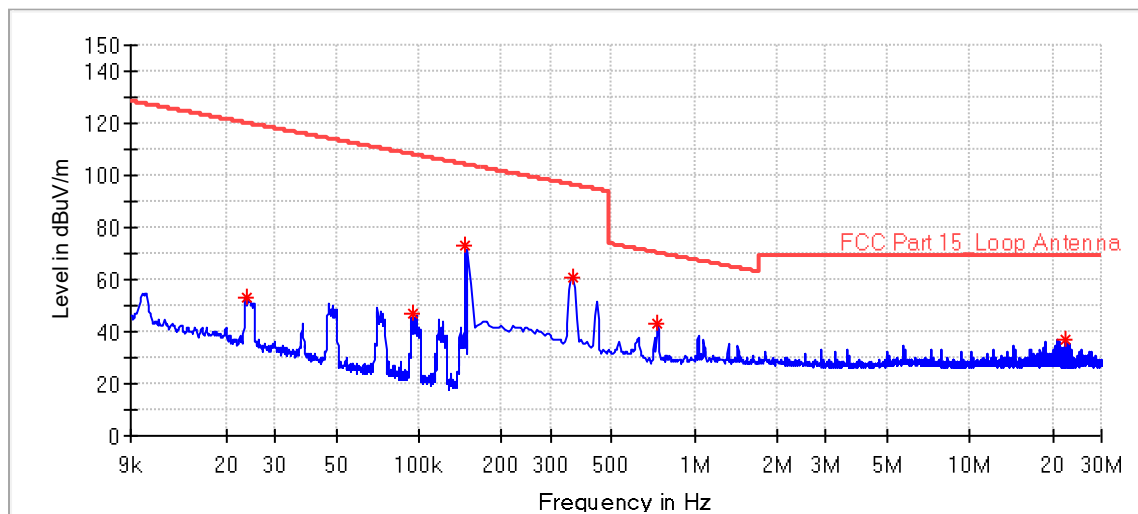
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.023629	53.16	120.14	66.97	Y	22.0	19.0
0.094569	46.70	108.09	61.39	Y	22.0	18.8
0.147885	73.45	104.21	30.75	Y	322.0	18.8
0.360706	60.57	96.46	35.89	Y	65.0	18.8
0.738221	43.40	70.24	26.84	Y	325.0	18.8
22.335574	36.82	69.54	32.72	Y	322.0	19.3

0.009-30MHz Radiated Emission

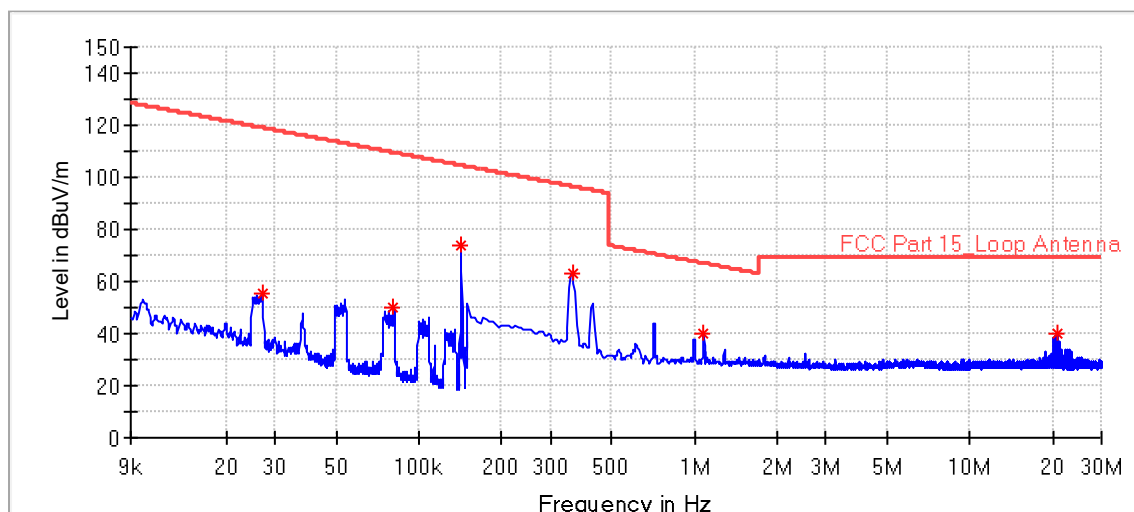
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.026978	55.53	118.98	63.45	Z	312.0	19.0
0.081086	50.36	109.42	59.07	Z	312.0	18.8
0.143126	73.90	104.49	30.59	Z	81.0	18.8
0.360706	63.07	96.46	33.39	Z	348.0	18.8
1.080618	40.27	66.93	26.66	Z	355.0	18.8
20.895750	39.95	69.54	29.60	Z	9.0	19.2

0.009-30MHz Radiated Emission

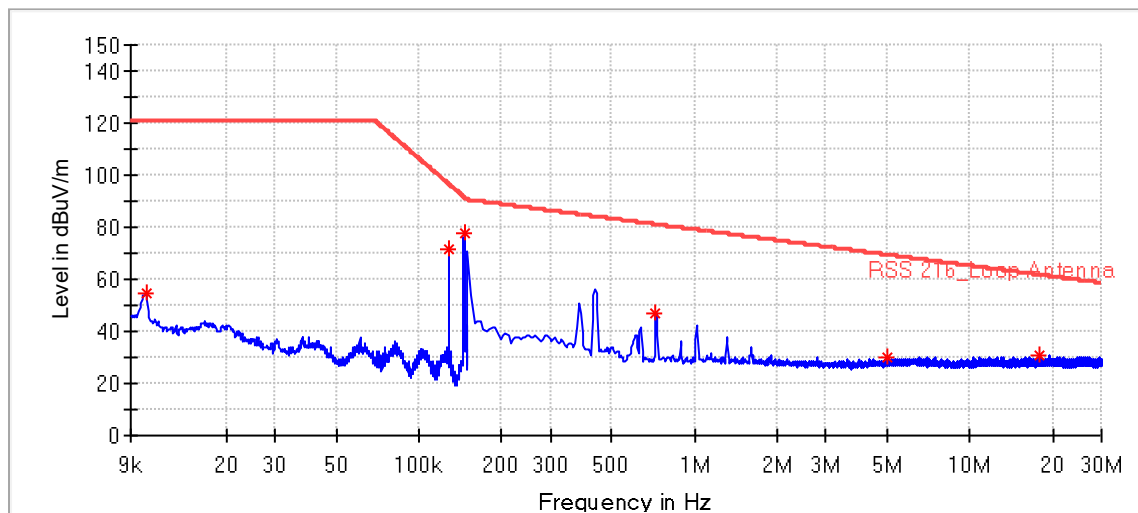
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.010234	54.34	120.50	66.16	X	204.0	19.6
0.127881	71.66	96.78	25.12	X	357.0	18.8
0.146651	77.79	91.39	13.6	X	23.0	18.8
0.725052	47.13	80.98	33.85	X	16.0	18.8
5.035743	30.00	69.28	39.28	X	2.0	18.9
17.932699	30.55	61.61	31.06	X	18.0	18.9

0.009-30MHz Radiated Emission

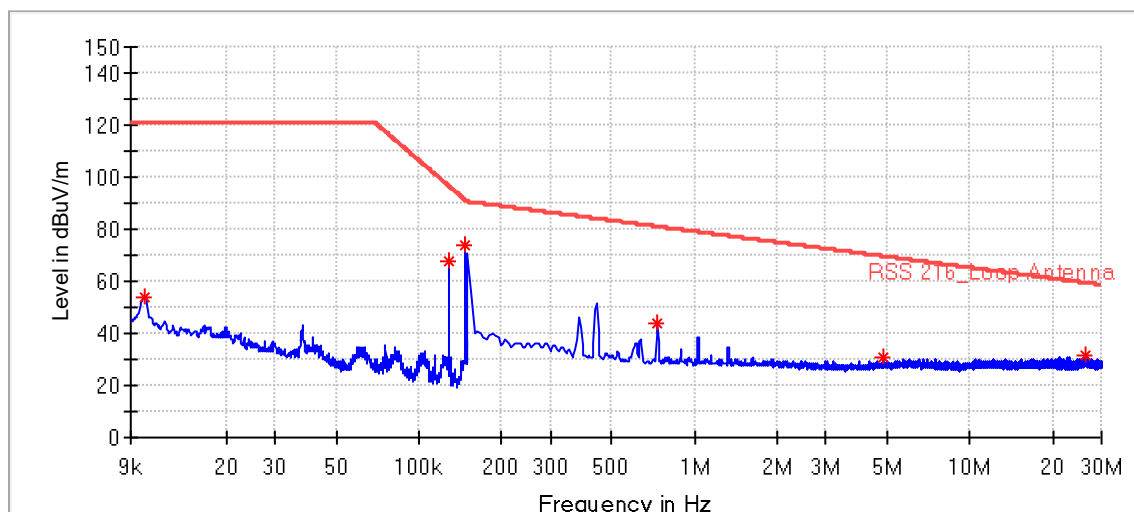
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.010058	54.19	120.50	66.31	Y	305.0	19.6
0.127881	67.43	96.78	29.35	Y	66.0	18.8
0.147533	73.75	91.15	17.64	Y	323.0	18.8
0.733831	43.59	80.91	37.39	Y	334.0	18.8
4.873324	30.93	69.48	38.35	Y	10.0	18.9
26.418000	31.44	59.27	30.17	Y	236.0	19.3

0.009-30MHz Radiated Emission

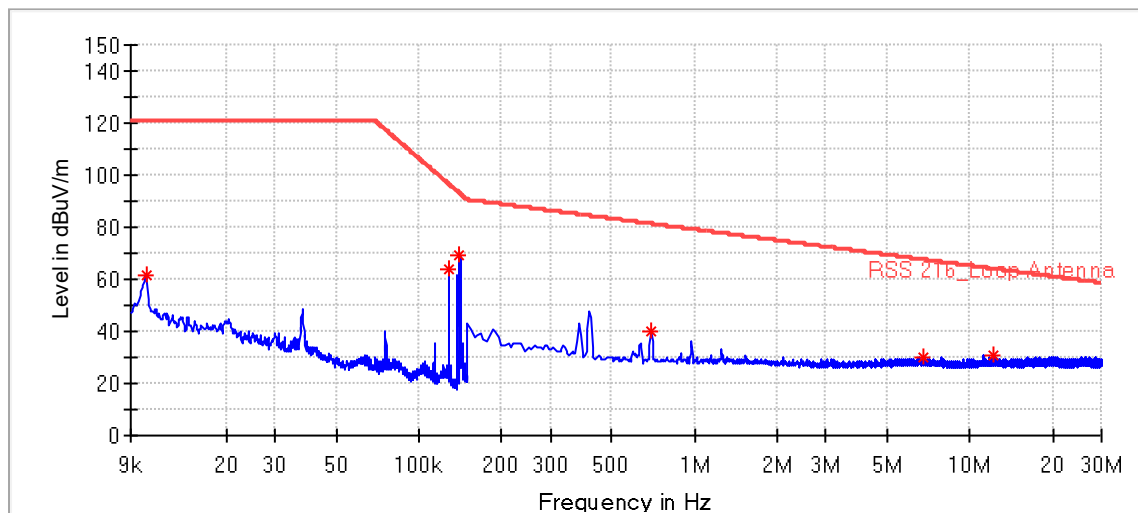
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.010234	61.57	120.50	58.93	Z	165.0	19.6
0.127881	63.79	96.78	32.99	Z	354.0	18.8
0.140571	68.88	93.06	22.51	Z	220.0	18.8
0.698713	39.69	81.21	41.29	Z	210.0	18.8
6.796015	29.76	67.47	39.52	Z	29.0	18.9
12.252419	30.52	63.91	31.09	Z	55.0	18.7

0.009-30MHz Radiated Emission

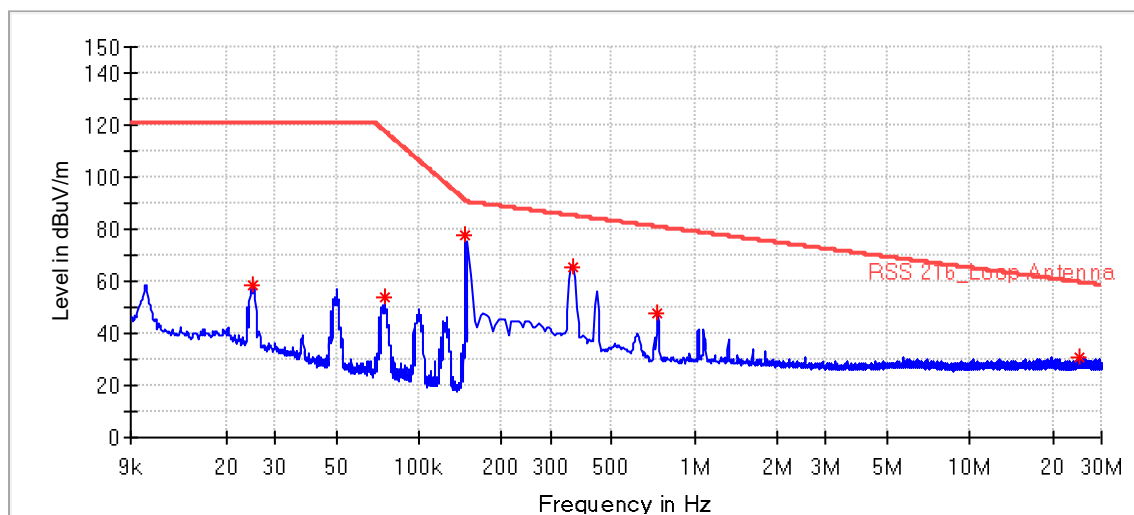
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.025127	58.51	120.5	61.99	X	317.0	19.0
0.075446	53.54	117.55	43.24	X	317.0	18.9
0.147885	77.97	91.06	13.42	X	27.0	18.8
0.360706	65.58	85.20	15.4	X	4.0	18.8
0.738221	47.43	80.88	21.85	X	30.0	18.8
24.965007	30.67	59.61	30.94	X	82.0	19.3

0.009-30MHz Radiated Emission

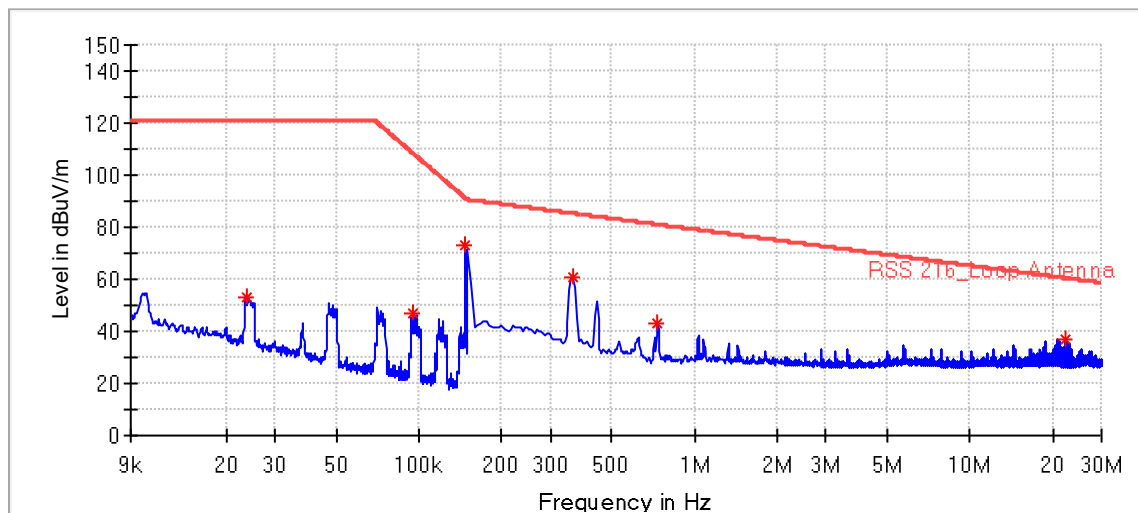
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.023629	53.16	120.50	67.34	Y	22.0	19.0
0.094569	46.70	108.66	50.08	Y	22.0	18.8
0.147885	73.45	91.06	17.94	Y	322.0	18.8
0.360706	60.57	85.20	20.41	Y	65.0	18.8
0.738221	43.40	80.88	25.88	Y	325.0	18.8
22.335574	36.82	60.28	24.79	Y	322.0	19.3

0.009-30MHz Radiated Emission

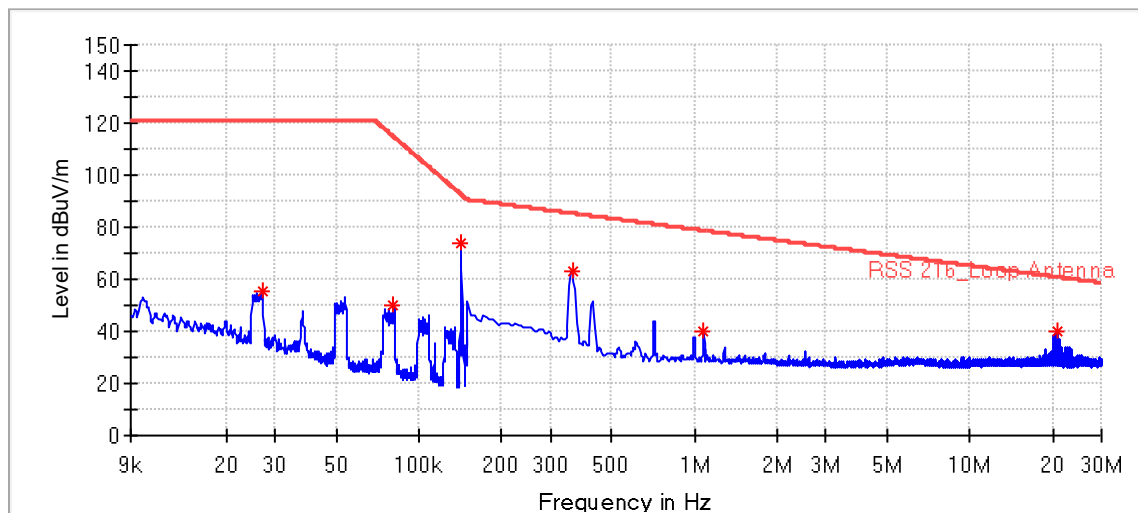
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.026978	55.53	120.50	64.97	Z	312.0	19.0
0.081086	50.36	114.70	46.42	Z	312.0	18.8
0.143126	73.90	92.35	17.49	Z	81.0	18.8
0.360706	63.07	85.20	17.91	Z	348.0	18.8
1.080618	40.27	78.57	29.01	Z	355.0	18.8
20.895750	39.95	60.68	21.66	Z	9.0	19.2

30-1000MHz Radiated Emission

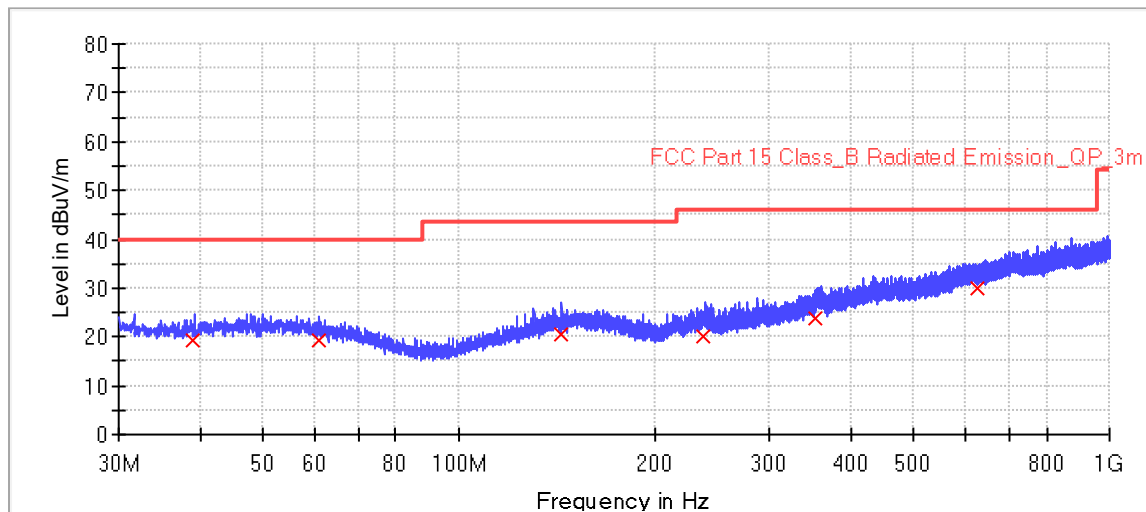
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC Part15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
39.080000	19.4	1000.0	120.000	187.0	H	142.0	19.8	20.6	40.0
61.080000	19.3	1000.0	120.000	211.0	H	22.0	19.8	20.7	40.0
144.040000	20.5	1000.0	120.000	175.0	H	26.0	20.3	23.0	43.5
237.680000	20.0	1000.0	120.000	258.0	H	98.0	19.4	26.0	46.0
353.320000	23.6	1000.0	120.000	174.0	H	125.0	22.8	22.4	46.0
625.040000	30.0	1000.0	120.000	177.0	H	135.0	29.6	16.0	46.0

30-1000MHz Radiated Emission

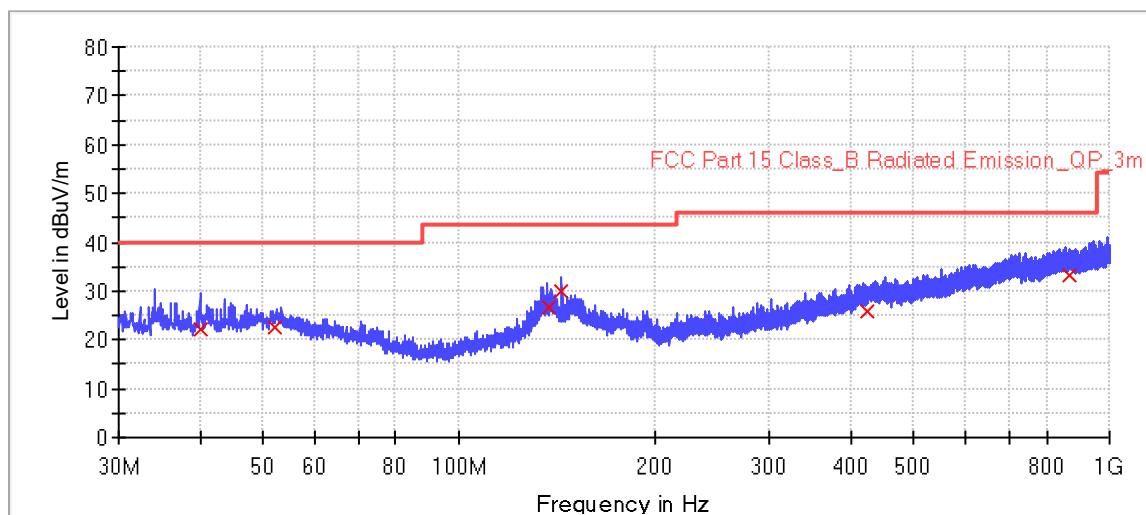
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC Part15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
40.040000	22.1	1000.0	120.000	187.0	V	12.0	19.9	17.9	40.0
52.160000	22.4	1000.0	120.000	144.0	V	144.0	20.5	17.6	40.0
137.280000	26.5	1000.0	120.000	154.0	V	55.0	19.9	17.0	43.5
143.960000	30.0	1000.0	120.000	123.0	V	234.0	20.3	13.5	43.5
424.080000	26.0	1000.0	120.000	174.0	V	175.0	24.8	20.0	46.0
865.800000	33.4	1000.0	120.000	177.0	V	125.0	33.4	12.6	46.0

30-1000MHz Radiated Emission

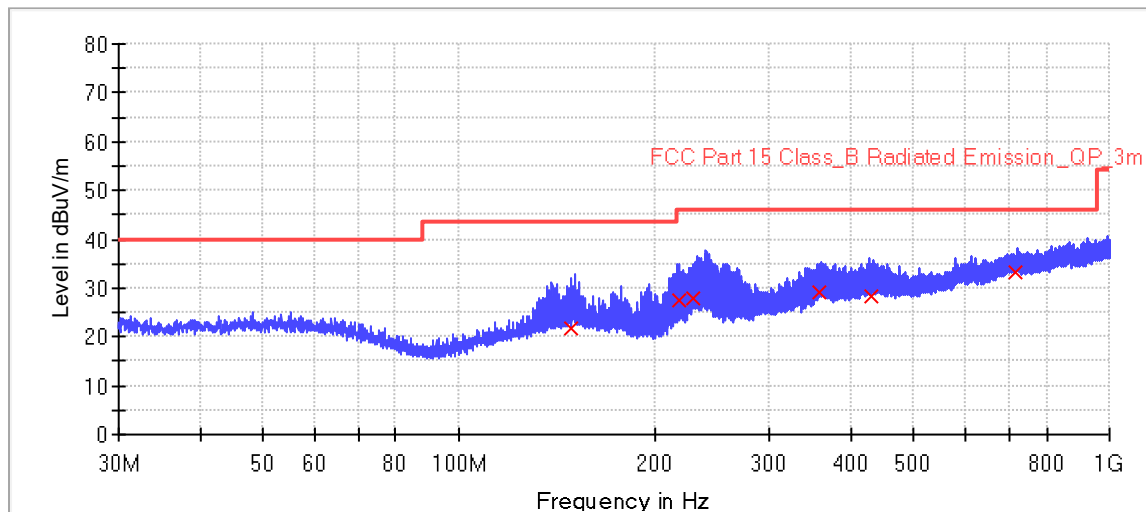
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
148.480000	21.7	1000.0	120.000	147.0	H	359.0	20.6	21.8	43.5
218.600000	27.4	1000.0	120.000	214.0	H	1.0	17.8	18.6	46.0
229.440000	28.0	1000.0	120.000	117.0	H	359.0	18.5	18.0	46.0
357.480000	29.2	1000.0	120.000	175.0	H	251.0	23.0	16.8	46.0
431.520000	28.5	1000.0	120.000	148.0	H	57.0	25.1	17.5	46.0
716.520000	33.0	1000.0	120.000	174.0	H	15.0	31.2	13.0	46.0

30-1000MHz Radiated Emission

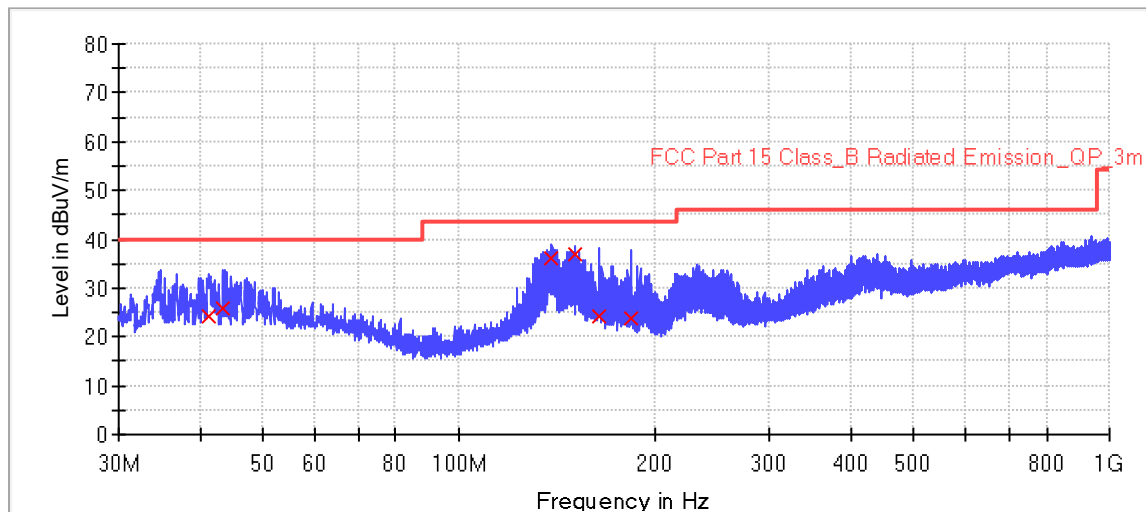
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
41.320000	24.2	1000.0	120.000	175.0	V	359.0	20.0	15.8	40.0
43.320000	25.7	1000.0	120.000	123.0	V	212.0	20.2	14.4	40.0
139.040000	36.2	1000.0	120.000	188.0	V	359.0	20.0	7.3	43.5
150.920000	36.9	1000.0	120.000	241.0	V	136.0	20.7	6.6	43.5
164.000000	24.3	1000.0	120.000	183.0	V	47.0	20.5	19.2	43.5
184.000000	23.8	1000.0	120.000	124.0	V	15.0	18.7	19.8	43.5

30-1000MHz Radiated Emission

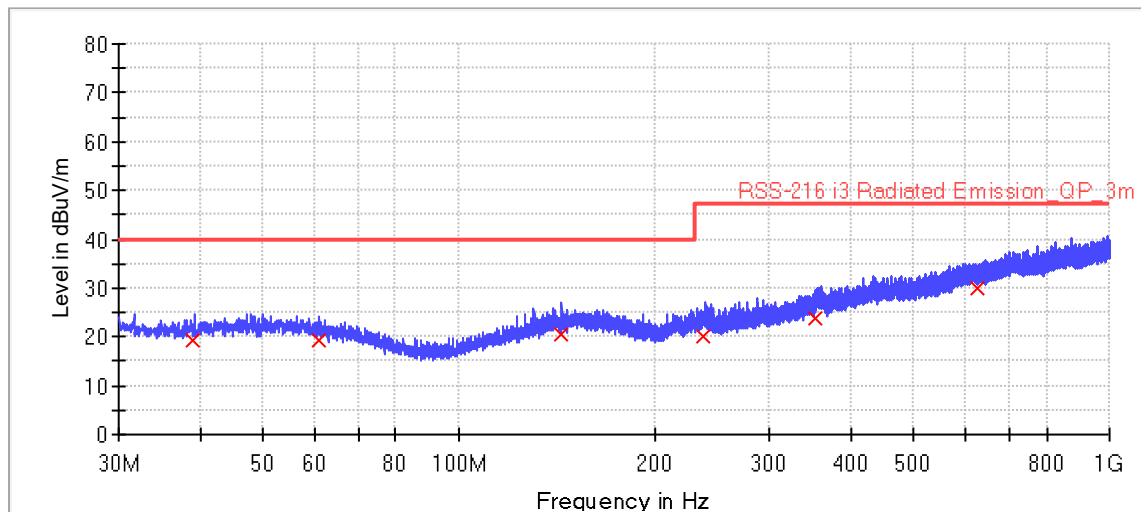
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
39.080000	19.4	1000.0	120.000	187.0	H	142.0	19.8	20.6	40.0
61.080000	19.3	1000.0	120.000	211.0	H	22.0	19.8	20.7	40.0
144.040000	20.5	1000.0	120.000	175.0	H	26.0	20.3	19.5	40.0
237.680000	20.0	1000.0	120.000	258.0	H	98.0	19.4	27.0	47.0
353.320000	23.6	1000.0	120.000	174.0	H	125.0	22.8	23.4	47.0
625.040000	30.0	1000.0	120.000	177.0	H	135.0	29.6	17.0	47.0

30-1000MHz Radiated Emission

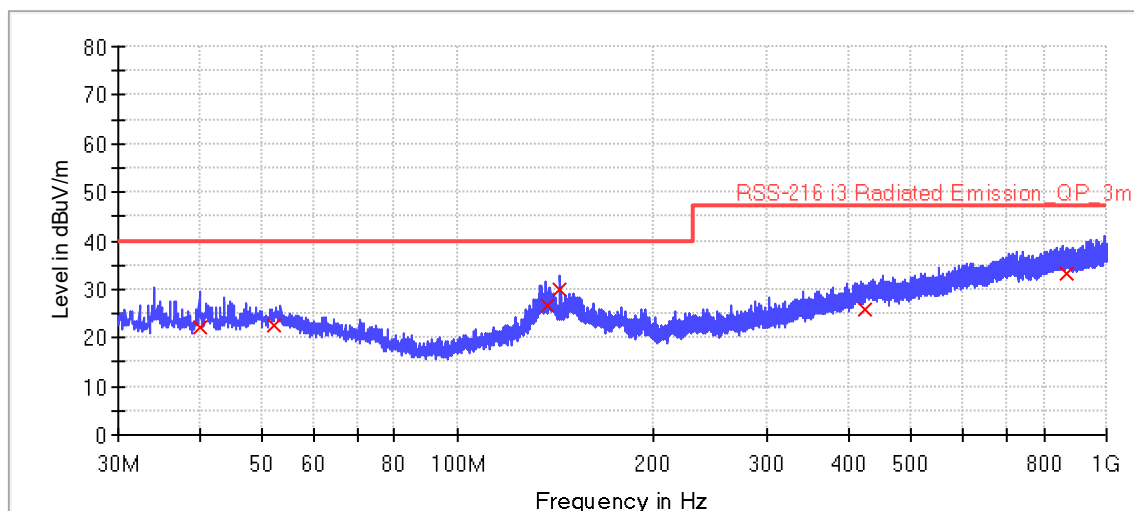
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 10W output (111K~148.5KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
40.040000	22.1	1000.0	120.000	187.0	V	12.0	19.9	17.9	40.0
52.160000	22.4	1000.0	120.000	144.0	V	144.0	20.5	17.6	40.0
137.280000	26.5	1000.0	120.000	154.0	V	55.0	19.9	13.5	40.0
143.960000	30.0	1000.0	120.000	123.0	V	234.0	20.3	10.0	40.0
424.080000	26.0	1000.0	120.000	174.0	V	175.0	24.8	21.0	47.0
865.800000	33.4	1000.0	120.000	177.0	V	125.0	33.4	13.6	47.0

30-1000MHz Radiated Emission

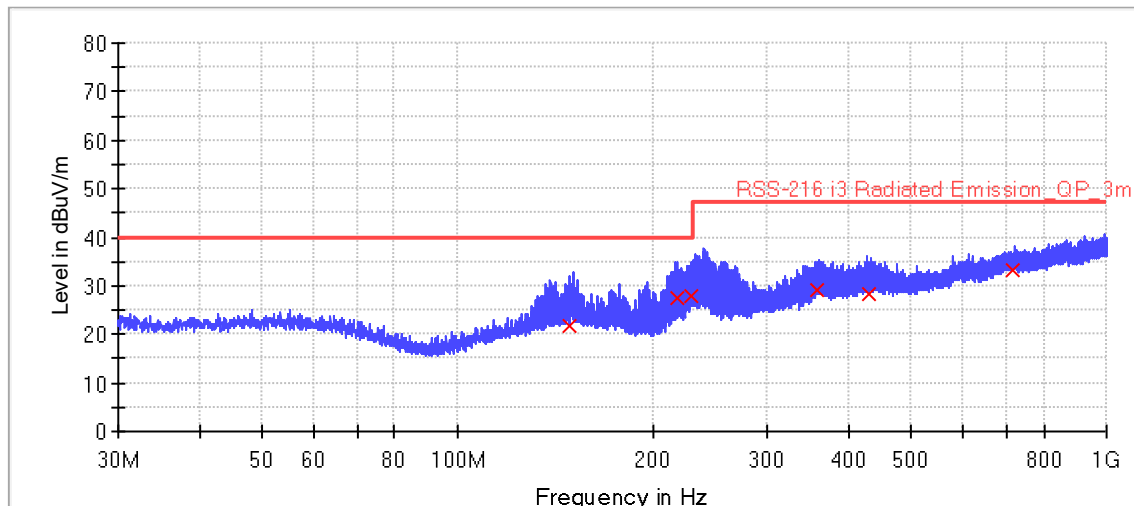
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: RSS 216
 Sample No.: SHA-1060389-1

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
148.480000	21.7	1000.0	120.000	147.0	H	359.0	20.6	18.3	40.0
218.600000	27.4	1000.0	120.000	214.0	H	1.0	17.8	12.6	40.0
229.440000	28.0	1000.0	120.000	117.0	H	359.0	18.5	12.0	40.0
357.480000	29.2	1000.0	120.000	175.0	H	251.0	23.0	17.8	47.0
431.520000	28.5	1000.0	120.000	148.0	H	57.0	25.1	18.5	47.0
716.520000	33.0	1000.0	120.000	174.0	H	15.0	31.2	14.0	47.0

30-1000MHz Radiated Emission

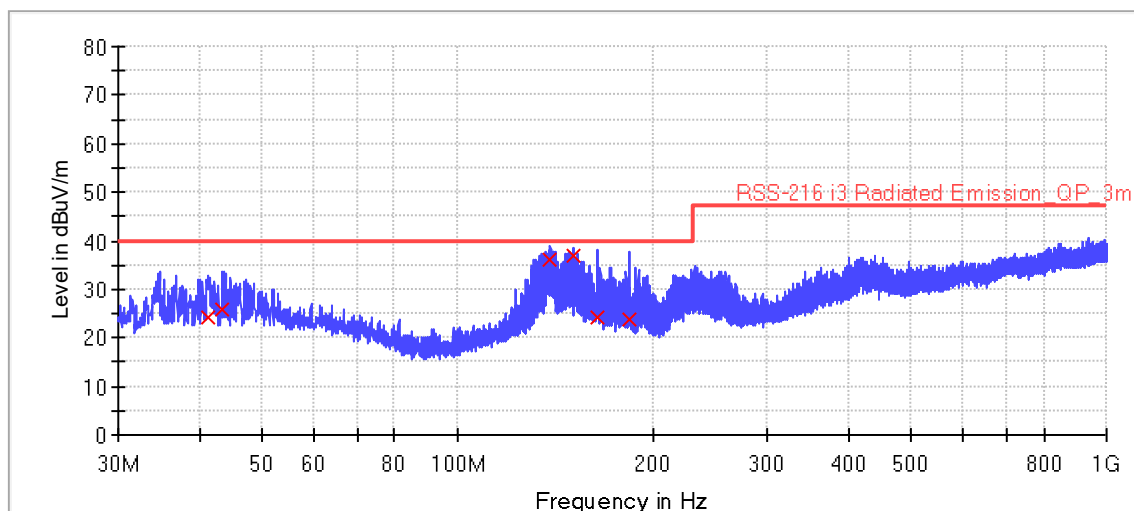
EUT Information

EUT Name: Magnetic Wireless Power Bank
 Model: PB765
 Client: Ugreen Group Limited
 Op Cond: Charging mode at 25W output (360KHz) + AirPods BPP5W (111K~148.5KHz)
 Operator: Chengjie GUO
 Standard: FCC part 15.209
 Sample No.: SHA-1060389-1

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
41.320000	24.2	1000.0	120.000	175.0	V	359.0	20.0	15.8	40.0
43.320000	25.7	1000.0	120.000	123.0	V	212.0	20.2	14.4	40.0
139.040000	36.2	1000.0	120.000	188.0	V	359.0	20.0	3.8	40.0
150.920000	36.9	1000.0	120.000	241.0	V	136.0	20.7	3.1	40.0
164.000000	24.3	1000.0	120.000	183.0	V	47.0	20.5	15.7	40.0
184.000000	23.8	1000.0	120.000	124.0	V	15.0	18.7	16.3	40.0

Remark:

The worst-case data were reported, and no other spurious and harmonics emissions were reported greater than listed emission above table.

9.3 Restricted frequency bands and bandwidth

Test Method: 20dB bandwidth

1. Use the following spectrum analyzer settings:
RBW=300Hz, VBW $\geq$ 3RBW, Sweep = auto, Detector function = peak, Trace = max hold
2. Use the automatic bandwidth measurement capability of an instrument, may be employed using the X dB bandwidth mode with X set to 20 dB, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be $\geq$ 20 dB.
3. Allow the trace to stabilize, record the X dB Bandwidth value.

Test Method: occupied bandwidth

1. Use the following spectrum analyzer settings:
RBW=300Hz, VBW $\geq$ 3RBW, Sweep = auto, Detector function = peak, Trace = max hold
2. Allow the trace to stabilize. Use the 99 % power bandwidth function of the instrument. Record the results.

Limit

According to FCC 15.205 and RSS-GEN §8.10, the transmit frequency, including fundamental components of modulation, of licence-exempt radio apparatus shall not fall within the restricted frequency bands listed in table below

FCC 15.205

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15.
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46.
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75.
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5.
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2.
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5.
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7.
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4.
6.31175-6.31225	123-138	2200-2300	14.47-14.5.
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2.
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4.
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12.
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0.
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8.
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5.
12.57675-12.57725	322-335.4	3600-4400	Above 38.6.
13.36-13.41			

RSS-GEN 8.10

Table 7 – Restricted frequency bands*

MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 - 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138	--	

* Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

Test result

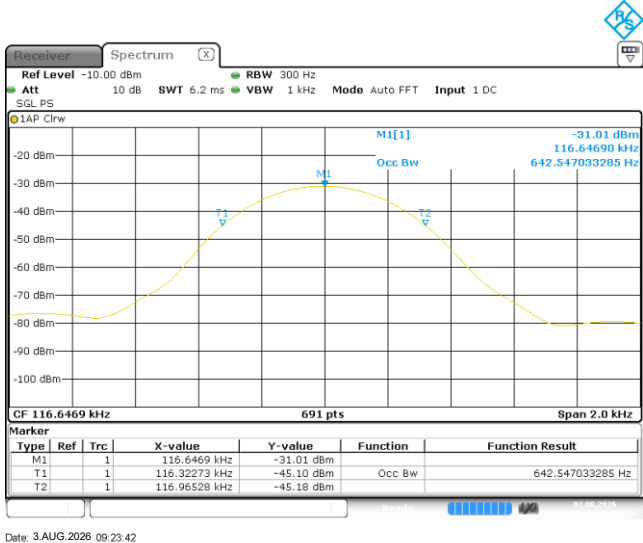
Operation Mode	99% bandwidth Hz	Result		Result
		F _L (KHz)	F _H (KHz)	
Wireless Charging (AirPod:111-148.5kHz,5W)	642.547	116.322	116.965	Pass
Wireless Charging (Samsung:111-148.5kHz,10W)	636.758	127.512	128.149	Pass
Wireless Charging (iPhone:360kHz, 25W)	642.547	359.910	360.552	Pass

Operation Mode	20 bandwidth Hz	Result		Result
		F _L (KHz)	F _H (KHz)	
Wireless Charging (AirPod:111-148.5kHz,5W)	749.73	116.273	117.022	Pass
Wireless Charging (Samsung:111-148.5kHz,10W)	749.23	127.457	128.206	Pass
Wireless Charging (iPhone:360kHz, 25W)	749.53	359.856	360.605	Pass

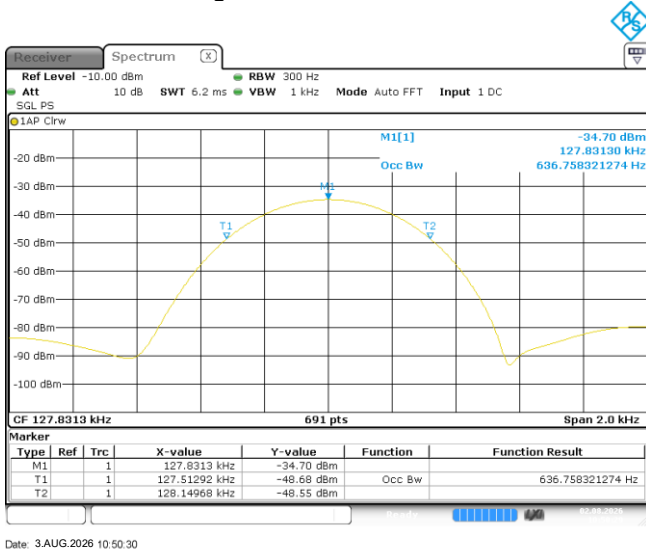
The fundamental frequency is outside the restricted bands of FCC part15.205 and RSS-GEN §8.10.



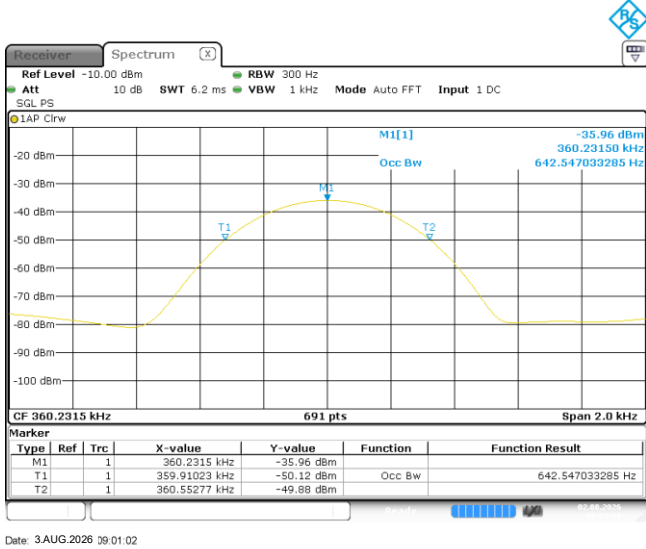
AirPod:111-148.5kHz,5W, OBW



Samsung:111-148.5kHz,10W, OBW

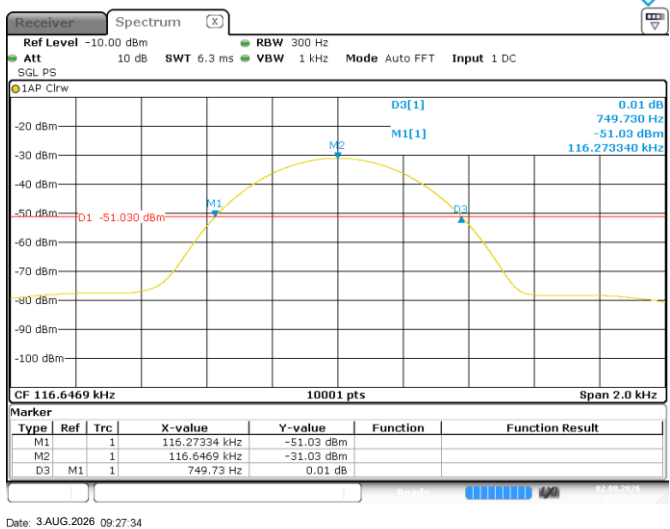


iPhone:360kHz, 25W, OBW

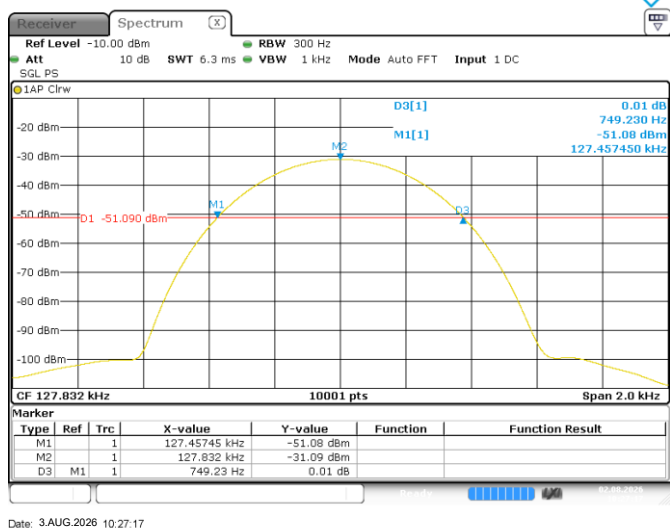




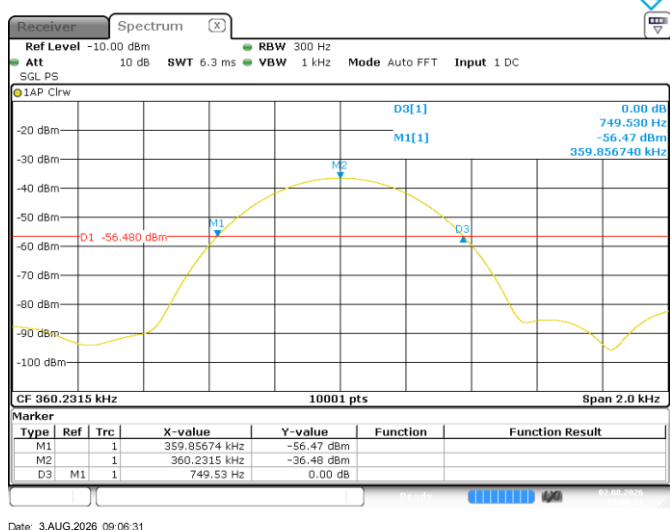
AirPod:111-148.5kHz,5W, 20dB Bandwidth



Samsung:111-148.5kHz,10W, 20dB Bandwidth



iPhone:360kHz, 25W, 20dB Bandwidth



9.4 Frequency stability

Test Method

1. Set center frequency of the channel under test.
2. Set detector to peak.
3. Set RBW: 1kHz, VBW: 3RBW
4. Set Span: Encompass the entire emissions bandwidth (EBW) of the signal.
5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency.
6. Repeat the test at normal voltage and under temperature at -20°C, +20°C and +50°C.

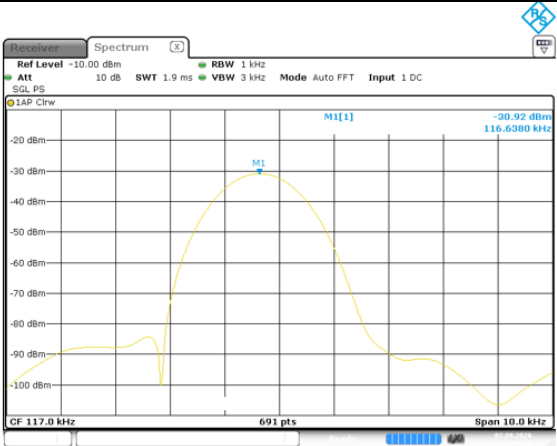
Test result

Operation Mode	Temperature	Result (kHz)	Result
Wireless Charging (AirPod:111-148.5kHz,5W)	+5°C	116.638	Pass
	+20°C	116.653	Pass
	+35°C	116.682	Pass
Wireless Charging (Samsung:111-148.5kHz,10W)	+5°C	127.854	Pass
	+20°C	127.825	Pass
	+35°C	127.839	Pass
Wireless Charging (iPhone:360kHz, 25W)	+5°C	360.232	Pass
	+20°C	360.246	Pass
	+35°C	360.217	Pass

Remark: The product can't not work out of temperature +5°C to +35°C which was stated in user manual.

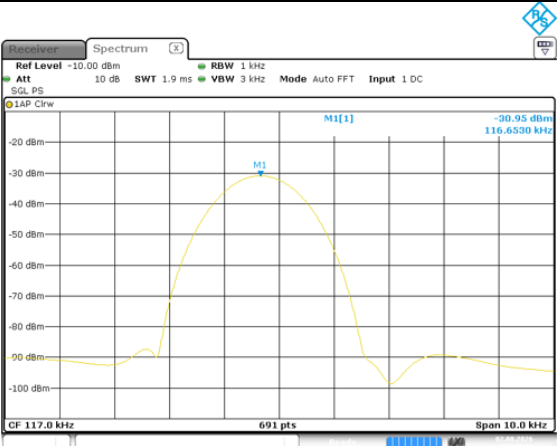


Wireless Charging (AirPod:111-148.5kHz,5W) at +5°C



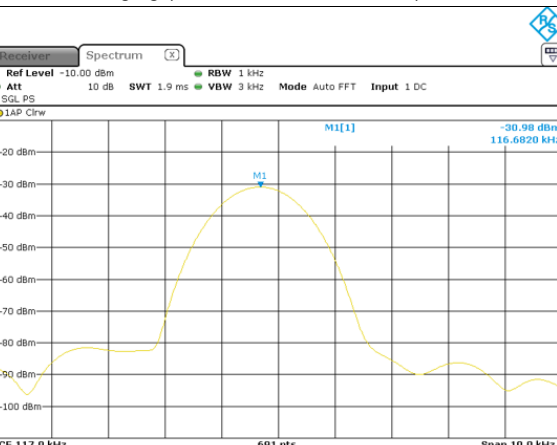
Date: 3.AUG.2026 11:29:13

Wireless Charging (AirPod:111-148.5kHz,5W) at +20°C



Date: 3.AUG.2026 11:48:03

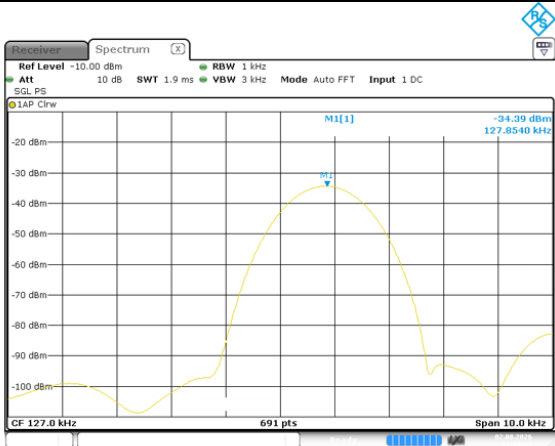
Wireless Charging (AirPod:111-148.5kHz,5W) at +35°C



Date: 3.AUG.2026 12:11:03

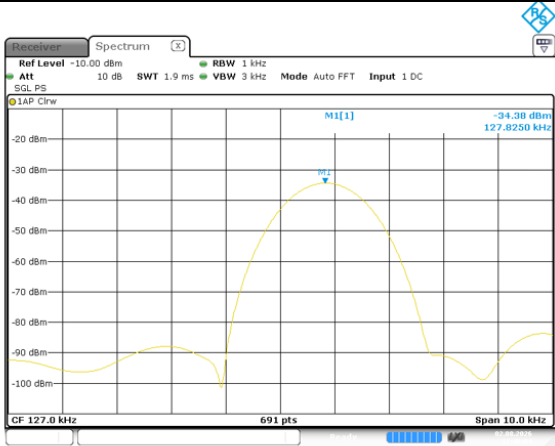


Wireless Charging (Samsung:111-148.5kHz,10W) at +5°C



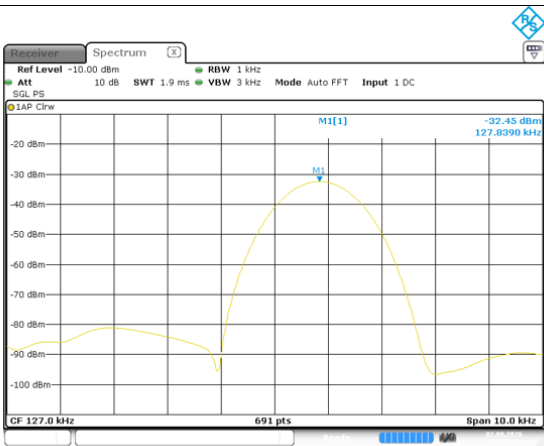
Date: 3 AUG 2026 13:10:24

Wireless Charging (Samsung:111-148.5kHz,10W) at +20°C



Date: 3 AUG 2026 12:48:05

Wireless Charging (Samsung:111-148.5kHz,10W) at +35°C

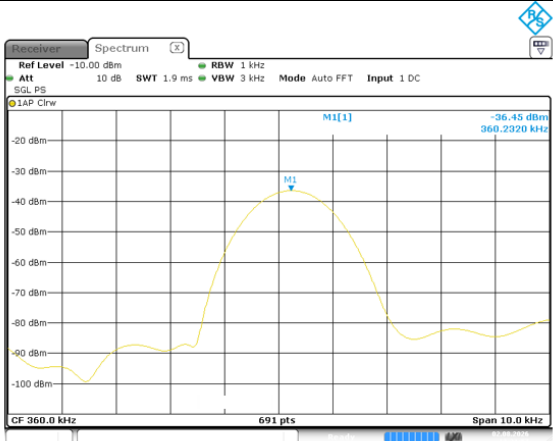


Date: 3 AUG 2026 12:14:41

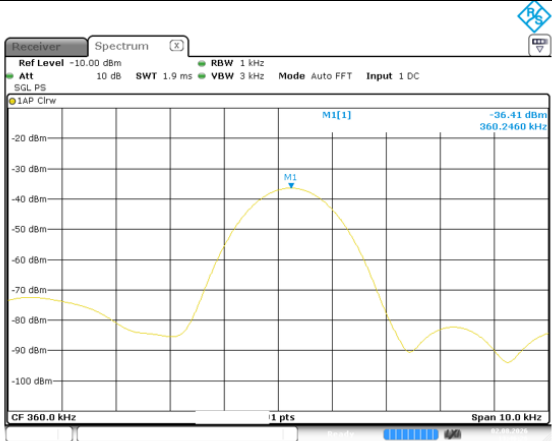




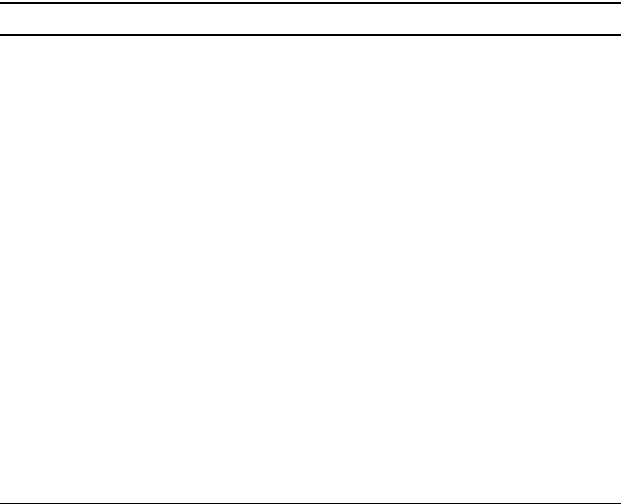
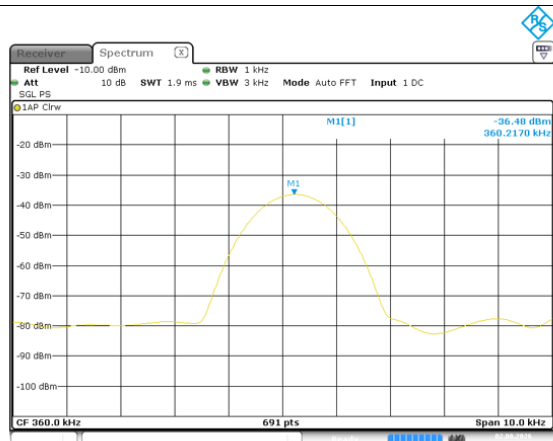
Wireless Charging (iPhone:360kHz, 25W) at +5°C



Wireless Charging (iPhone:360kHz, 25W) at +20°C



Wireless Charging (iPhone:360kHz, 25W) at +35°C



10. Test Equipment List

Conducted Emission

Description	Model no.	Manufacturer	Equipment ID.	Calibration Date	Calibration Due
EMI test receiver	ESR3	R&S	S1503001-YQ-EMC	2026-8-3	2027-8-2
2-Line V-network	ENV216	R & S	S1503103-YQ-EMC	2026-8-3	2027-8-2
CE_Cable_01 Coaxial Cable	RG400	HUBER+SUH NER	1002115055	2026-8-3	2027-8-2

Radiated Emission Test

USED	Equipment Name	Model	Manufacturer	Equipment ID.	Calibration Date	Calibration Due
☒	EMI test receiver	ESR3	R&S	S1503109-YQ-EMC	2026-8-3	2027-8-2
☒	Trilog super broadband test antenna	SCHWARZBECK	VULB9168	S1808296-YQ-EMC	2026-6-25	2027-6-24
☐	Double-ridged waveguide horn antenna	HF907	R&S	S1503009-YQ-EMC	2026-4-14	2027-4-13
☐	Signal and spectrum analyzer	FSV40	R&S	S1503003-YQ-EMC	2026-8-3	2027-8-2
☒	Loop antenna	HFH2-Z2	R&S	S1503013-YQ-EMC	2026-6-25	2027-6-24
☒	RE_Cable_01 Coaxial Cable	MWX221	JUNFLON	1906S057	2026-8-3	2027-8-2
☒	RE_Cable_02 Coaxial Cable	RG214	HUBER+SUH NER	1358176	2026-8-3	2027-8-2
☒	RE_Cable_03 Coaxial Cable	MWX221	JUNFLON	J12J102482	2026-8-3	2027-8-2

Bandwidth test

USED	Equipment Name	Model	Manufacturer	Equipment ID.	Calibration Date	Calibration Due
☒	EMI test receiver	ESR3	R&S	S1503109-YQ-EMC	2026-8-3	2027-8-2

Frequency stability

USED	Equipment Name	Model	Manufacturer	Equipment ID.	Calibration Date	Calibration Due
☒	EMI test receiver	ESR3	R&S	S1503109-YQ-EMC	2026-8-3	2027-8-2

Measurement Software Information

Test Item	Software	Manufacturer	Version
RE	EMC 32	Rohde & Schwarz	V10.50.40



11. Measurement System Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 were:

Items	Extended Uncertainty
Conducted Disturbance at Mains Terminals	9kHz to 30MHz, LISN, 3.16dB
Radiated Disturbance	9kHz to 30MHz, 3.52dB 30MHz to 1GHz, 5.03dB (Horizontal) 5.12dB (Vertical)
Spurious Emission Conducted Measurement	9kHz ~40GHz, 1.224dB

Measurement Uncertainty Decision Rule:

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2023, clause 4.3.3.

-----End of Test Report-----