

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.209)

Report No.: RFBCBS-WTW-P25100034

FCC ID: K7SBPD011

Product: BoostCharge Slim Magnetic Power Bank 5K with Stand
BoostCharge Slim Magnetic Power Bank 5K 15W

Brand: belkin

Model No.: BPD011, BBA010

Received Date: 2025/10/2

Test Date: 2025/10/15

Issued Date: 2025/11/17

Applicant: Belkin International, Inc.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

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FCC Registration / 788550 / TW0003

Designation Number:

Approved by: Jeremy Lin, **Date:** 2025/11/17
Jeremy Lin / Project Engineer

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Prepared by : Polly Chien / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBCBS-WTW-P25100034	Original release.	2025/11/17

1 Certificate

Product: BoostCharge Slim Magnetic Power Bank 5K with Stand
BoostCharge Slim Magnetic Power Bank 5K 15W

Brand: belkin

Test Model: BPD011, BBA010

Sample Status: Engineering sample

Applicant: Belkin International, Inc.

Test Date: 2025/10/15

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.209)

**Measurement
procedure:** ANSI C63.10-2020

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.209)			
Standard / Clause	Test Item	Result	Remark
15.207	AC Power Conducted Emissions	Pass	Minimum passing margin is -8.55 dB at 0.62200 MHz
15.209	Radiated Emissions below 30 MHz	Pass	Minimum passing margin is -30.6 dB at 0.7200 MHz
15.209	Radiated Emissions above 30 MHz	Pass	Minimum passing margin is -6.6 dB at 79.47 MHz

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Parameter	Specification	Expanded Uncertainty (k=2) (±)
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.90 dB
Radiated Emissions below 30 MHz	9 kHz ~ 30 MHz	2.44 dB
Radiated Emissions above 30 MHz	30 MHz ~ 1 GHz	2.95 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description

Product	BoostCharge Slim Magnetic Power Bank 5K with Stand BoostCharge Slim Magnetic Power Bank 5K 15W
Brand	belkin
Test Model	BPD011, BBA010
Model Difference	Refer to note
Status of EUT	Engineering sample
Power Supply Rating	5 or 9 or 12 Vdc (adapter)
Modulation Type	FSK
Operating Frequency	360.0kHz (PTx), for new iPhone (12 series up) 111-148kHz (PTx): 127.7kHz, for legacy iPhone (11 series and before) 111-148kHz (PTx):147kHz, for Android phone
Number of Channel	2
Output Power (Field Strength)	360.0kHz: -25.2dBuV/m (PK) (300m) -28.7dBuV/m (AV) (300m) 127.7kHz: -15.6dBuV/m (PK) (300m) -15.9dBuV/m (AV) (300m)

Note:

1. All models are listed as below. Model: BPD011 is the representative for final test.

Model	Difference
BPD011	With kickstand, no rear magnetic ring
BBA010	No kickstand, with rear magnetic ring

2. The EUT contains following accessory devices.

Item	Brand	Model	Description
Battery	Tianjin Lishen Juyuan New Energy Technology Co., Ltd.	SP526578SR	Rating: 3.87Vdc, 19.35Wh, 5000mAh
Adapter (support unit)	belkin	WCA013dq	I/P: 100-240Vac, 1.0A, 50-60Hz O/P: (PDO) 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=2.25A (PPS) 5V-16V=2.8A
Type C USB Cable (Option)	Dongguan hyx industrial Co., Ltd.	ALN-CMCM2-0710-002 (White color) 30AWG*3C+26AWG*1C+ 23AWG*1C+A(Black color)	0.6m shielding cable

3. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna	Brand	Model	Frequency range	Antenna Type	Connector Type
Phone Charging Coil	Shenlian Yu	WDZL-7.9UH-MPP297-1	111~148kHz & 360kHz	Coil	none (like solder)

* Due to radiated measurements are made and the antenna gain is already accounted for this device, so provide an antenna datasheet and/or antenna measurement report is not required. The antenna dimensions and pictures (include antenna wire length if have) are stated in EUT photo exhibit.

3.3 Channel List

2 channels are provided to this EUT:

Channel	Frequency (kHz)
1	360.0
2	127.7

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT can be used in the following ways: X-axis/ Y-axis/ Z-axis for BPD011/ BBA010. Pre-scan these ways and find the worst case as a representative test condition. 2. Coil can be operated in one of the frequencies, where the frequency range is 111 kHz ~ 148 kHz for iPhone_127.7 kHz and Android phone_147 kHz. Pre-scan these frequencies and find the worst case as a representative test condition. 3. EUT can be operated 2 modes(Power Bank Mode/ Pass Thru Mode). Pre-scan these ways and find the worst case as a representative test condition.
Worst Case:	1. X-axis/ Y-axis/ Z-axis/ Charging Stand mode Worst Condition: Y-axis 2. 111 kHz ~ 148 kHz Worst Frequency: iPhone_127.7 kHz 3. The Worst Operating Mode: Power Bank Mode

Following channel(s) was (were) selected for the final test as listed below:

Test Item	EUT Configure Mode	Tested Frequency	Modulation
AC Power Conducted Emissions	A	360kHz	FSK
	B	127.7kHz	FSK
	C	Standby	-
Radiated Emissions below 30 MHz	A	360kHz	FSK
	B	127.7kHz	FSK
	C	Standby	-
Radiated Emissions above 30 MHz	A	360kHz	FSK
	B	127.7kHz	FSK
	C	Standby	-
EUT Configure Mode:	A	Charging Mode - 360.0kHz(iPhone16 Pro)	
	B	Charging Mode - 127.7kHz(iPhone11 ProMax)	
	C	Standby	

Note.

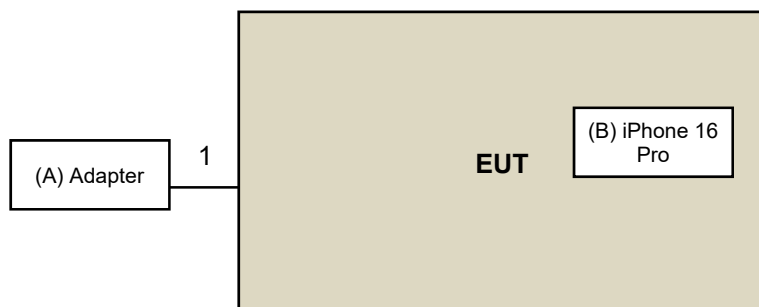
- 1.) For detailed configuration of system under test, please refer to Test Set Up Photos.
- 2.) Power Bank Mode:
 - One device charging: 15W Qi2 wireless charging iPhone, or USB-C1 20W max output
 - 1 USB C 12W + Wireless charging= 5W = 17W
- Pass-Thru Mode:
 - 15W Qi2.0 wireless output for iPhone (Provided a 20W or larger PSU is connected)

3.5 Test Program Used and Operation Descriptions

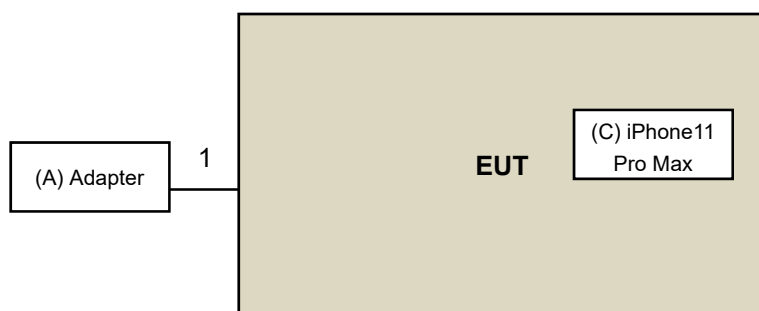
No test software is required during testing. The EUT can be under transmission condition for testing after powering on.

3.6 Connection Diagram of EUT and Peripheral Devices

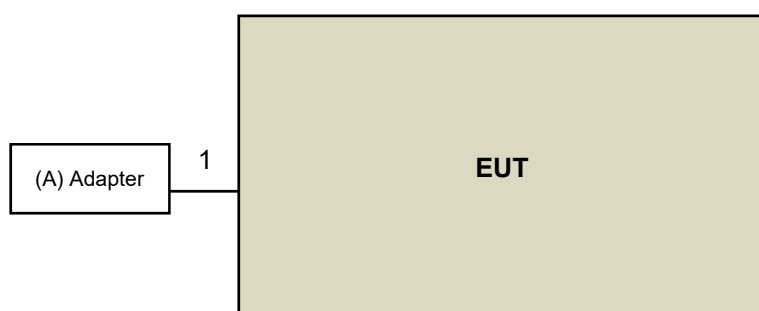
Mode A



Mode B



Mode C



3.7 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Adapter	belkin	WCA013dq	N/A	N/A	Supplied by applicant
B	iPhone 16 pro	APPLE	A3293	N/A	BCG-E8666A	Supplied by applicant
C	iPhone 11 pro max	APPLE	A2218	N/A	BCG-E3306A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	Type C USB Cable	1	0.6	Y	0	Supplied by applicant

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance	E1-011279	04	2024/11/28	2025/11/27
	E1-011280	05	2024/11/28	2025/11/27
	E1-011311	09	2024/11/28	2025/11/27
DC LISN Schwarzbeck	NNBM 8126G	8126G-069	2024/11/5	2025/11/4
Diode Pulse Limiter Schwarzbeck	VTSD 9561 F-N	01617	2025/8/23	2026/8/22
EMI Test Receiver R&S	ESR3	102783	2024/12/17	2025/12/16
LISN R&S	ESH2-Z5	100100	2025/3/5	2026/3/4
	ESH3-Z5	100312	2025/8/29	2026/8/28
RF Coaxial Cable Woken	5D-FB	Cable-cond2-01	2025/8/23	2026/8/22
Software BVADT	BVADT_Conf_ V7.4.1.0	N/A	N/A	N/A
V-LISN Schwarzbeck	NNBL 8226-2	8226-142	2025/8/27	2026/8/26

Notes:

1. The test was performed in HY - Conduction 2.
2. Tested Date: 2025/10/15

4.2 Radiated Emissions below 30 MHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Loop Antenna TESEQ	HLA 6121	45745	2025/9/1	2026/8/31
MXE EMI Receiver Agilent	N9038A	MY51210203	2025/8/27	2026/8/26
Preamplifier EMCI	EMC001340	980201	2025/9/21	2026/9/20
RF Coaxial Cable Woken	8D-FB	Cable-Ch10-01	2025/9/21	2026/9/20
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2025/10/15

4.3 Radiated Emissions above 30 MHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-472	2025/9/16	2026/9/15
MXE EMI Receiver Agilent	N9038A	MY51210203	2025/8/27	2026/8/26
Preamplifier EMCI	EMC 330H	980112	2025/9/21	2026/9/20
RF Coaxial Cable Woken	8D-FB	Cable-Ch10-01	2025/9/21	2026/9/20
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2025/10/15

5 Limits of Test Items

5.1 AC Power Conducted Emissions

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Notes:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

5.2 Radiated Emissions below 30 MHz

Frequency (MHz)	Field Strength (dBuV/m)		Measurement Distance (meters)
	uV/m	dBuV/m	
0.009 – 0.490	2400 / F (kHz)	48.52-13.80	300
0.490 – 1.705	24000 / F (kHz)	33.80-22.97	30
1.705 – 30.0	30	29.54	30

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, and the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

5.3 Radiated Emissions above 30 MHz

Frequency (MHz)	Measurement Distance (at 3m)	
	uV/m	dBuV/m
30-88	100	40.0
88-216	150	43.5
216-960	200	46.0
Above 960	500	54.0

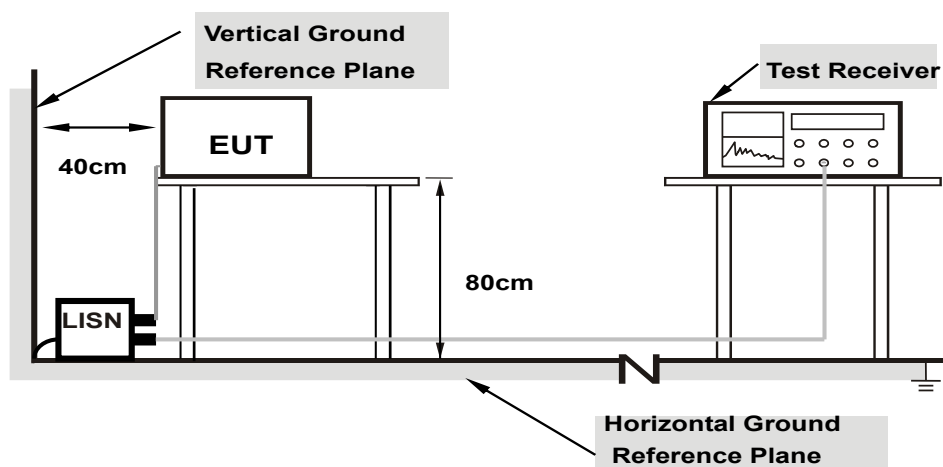
Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

6 Test Arrangements

6.1 AC Power Conducted Emissions

6.1.1 Test Setup



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.1.2 Test Procedure

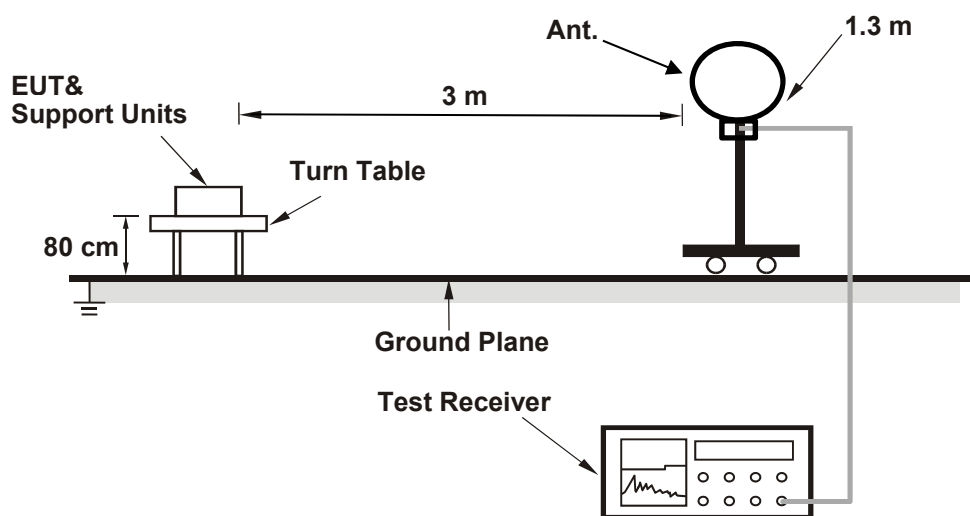
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

6.2 Radiated Emissions below 30 MHz

6.2.1 Test Setup

For Radiated emission below 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.2.2 Test Procedure

For Radiated emission below 30 MHz

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

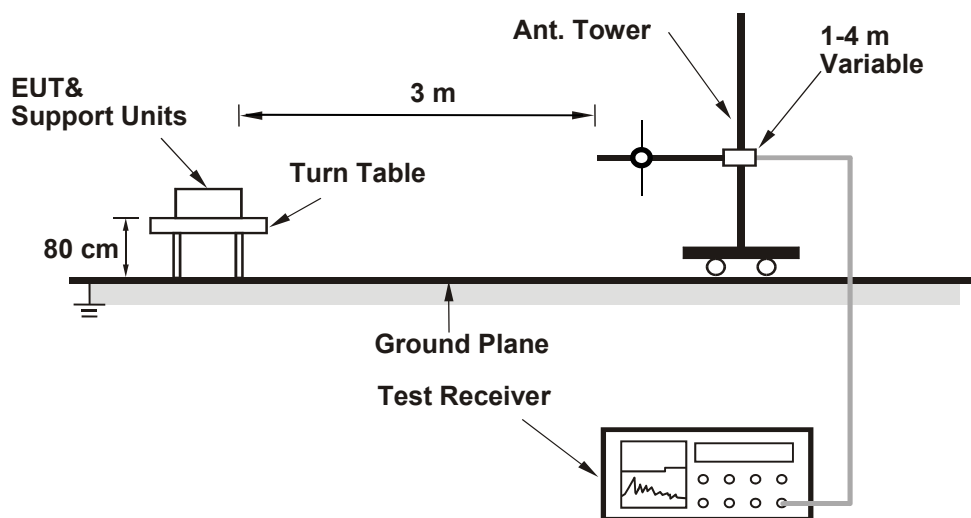
Notes:

- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
- All modes of operation were investigated and the worst-case emissions are reported.
- KDB 414788 OATS and Chamber Correlation Justification
- Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.
- OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

6.3 Radiated Emissions above 30 MHz

6.3.1 Test Setup

For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.3.2 Test Procedure

For Radiated emission above 30 MHz

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The height of antenna 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.
- 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 table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequencies less than or equal to 1 GHz.
- All modes of operation were investigated and the worst-case emissions are reported.

7 Test Results of Test Item

7.1 AC Power Conducted Emissions

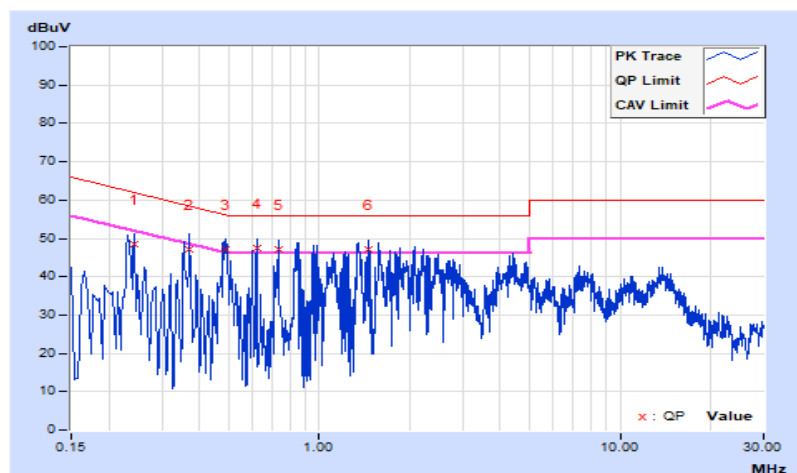
Mode A (Charging Mode)

RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 68% RH
Tested By	Thomas Cheng		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.24200	10.31	38.32	22.08	48.63	32.39	62.03	52.03	-13.40	-19.64
2	0.37000	10.38	36.79	16.86	47.17	27.24	58.50	48.50	-11.33	-21.26
3	0.48600	10.42	36.56	18.90	46.98	29.32	56.24	46.24	-9.26	-16.92
4	0.62200	10.44	37.01	20.09	47.45	30.53	56.00	46.00	-8.55	-15.47
5	0.73400	10.47	36.59	20.52	47.06	30.99	56.00	46.00	-8.94	-15.01
6	1.45400	10.54	36.51	16.38	47.05	26.92	56.00	46.00	-8.95	-19.08

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

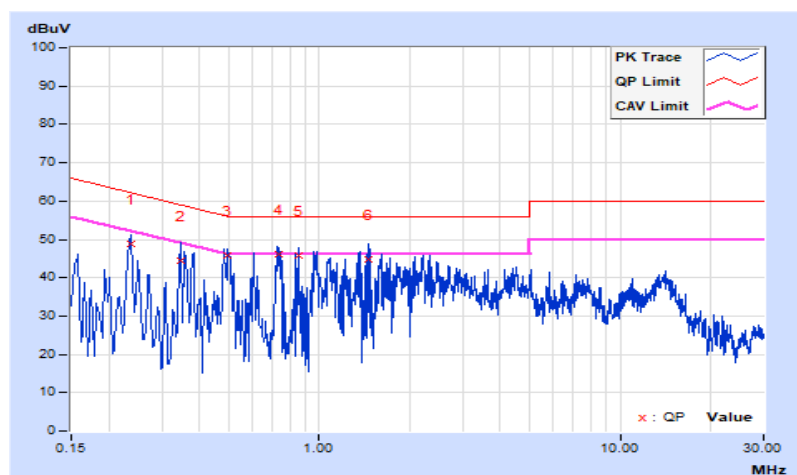


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 68% RH
Tested By	Thomas Cheng		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.23786	10.33	38.59	25.08	48.92	35.41	62.17	52.17	-13.25	-16.76
2	0.34600	10.40	34.02	16.07	44.42	26.47	59.06	49.06	-14.64	-22.59
3	0.49739	10.46	35.22	20.46	45.68	30.92	56.04	46.04	-10.36	-15.12
4	0.73400	10.51	35.74	21.25	46.25	31.76	56.00	46.00	-9.75	-14.24
5	0.85800	10.54	35.15	19.21	45.69	29.75	56.00	46.00	-10.31	-16.25
6	1.46200	10.59	34.16	23.23	44.75	33.82	56.00	46.00	-11.25	-12.18

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



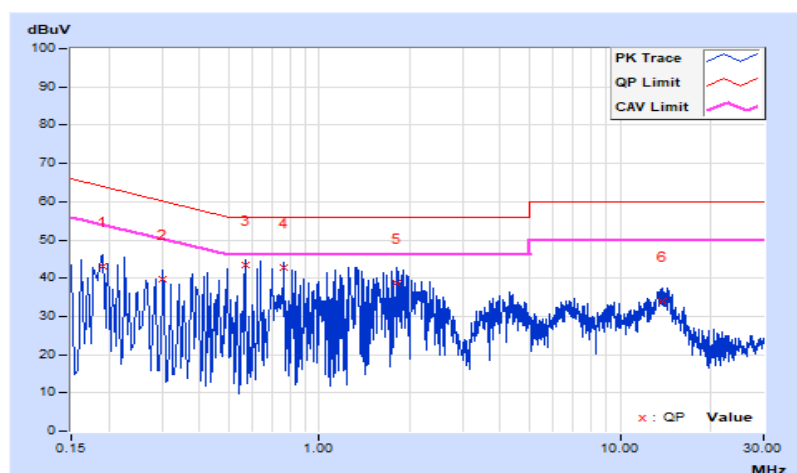
Mode B (Charging Mode)

RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 68% RH
Tested By	Thomas Cheng		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.19000	10.27	32.72	14.64	42.99	24.91	64.04	54.04	-21.05	-29.13
2	0.30200	10.34	29.44	13.36	39.78	23.70	60.19	50.19	-20.41	-26.49
3	0.56600	10.43	32.93	17.35	43.36	27.78	56.00	46.00	-12.64	-18.22
4	0.76200	10.47	32.14	17.39	42.61	27.86	56.00	46.00	-13.39	-18.14
5	1.81800	10.56	28.23	11.67	38.79	22.23	56.00	46.00	-17.21	-23.77
6	13.78200	10.94	23.02	9.08	33.96	20.02	60.00	50.00	-26.04	-29.98

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

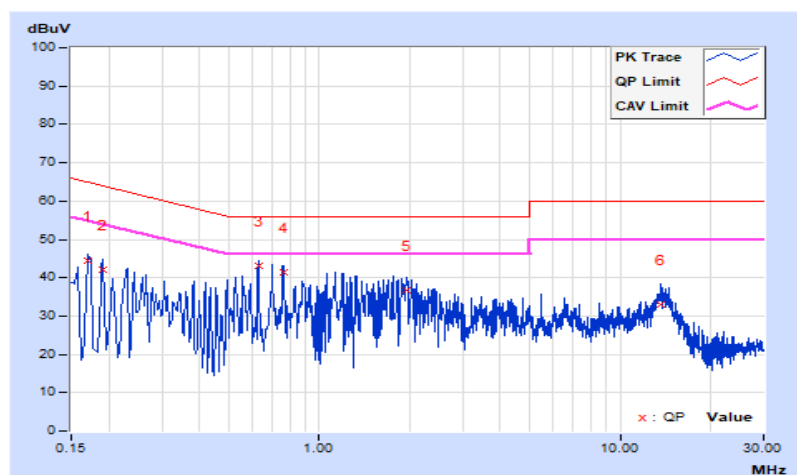


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 68% RH
Tested By	Thomas Cheng		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17000	10.30	34.14	15.12	44.44	25.42	64.96	54.96	-20.52	-29.54
2	0.19000	10.31	31.83	15.08	42.14	25.39	64.04	54.04	-21.90	-28.65
3	0.63000	10.49	32.48	20.56	42.97	31.05	56.00	46.00	-13.03	-14.95
4	0.75800	10.52	30.92	20.67	41.44	31.19	56.00	46.00	-14.56	-14.81
5	1.96200	10.62	26.04	14.85	36.66	25.47	56.00	46.00	-19.34	-20.53
6	13.66200	11.08	21.86	5.50	32.94	16.58	60.00	50.00	-27.06	-33.42

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



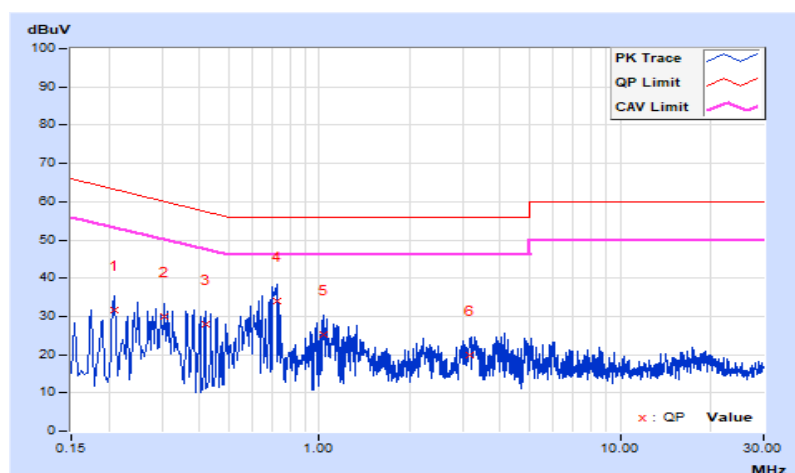
Mode C (Standby Mode)

RF Mode	Standby		
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 68% RH
Tested By	Thomas Cheng		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.20960	10.29	21.31	6.23	31.60	16.52	63.22	53.22	-31.62	-36.70
2	0.30600	10.34	19.76	2.65	30.10	12.99	60.08	50.08	-29.98	-37.09
3	0.41800	10.40	17.39	4.38	27.79	14.78	57.49	47.49	-29.70	-32.71
4	0.72200	10.46	23.38	7.70	33.84	18.16	56.00	46.00	-22.16	-27.84
5	1.03800	10.52	14.68	4.42	25.20	14.94	56.00	46.00	-30.80	-31.06
6	3.17000	10.69	9.33	-6.44	20.02	4.25	56.00	46.00	-35.98	-41.75

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

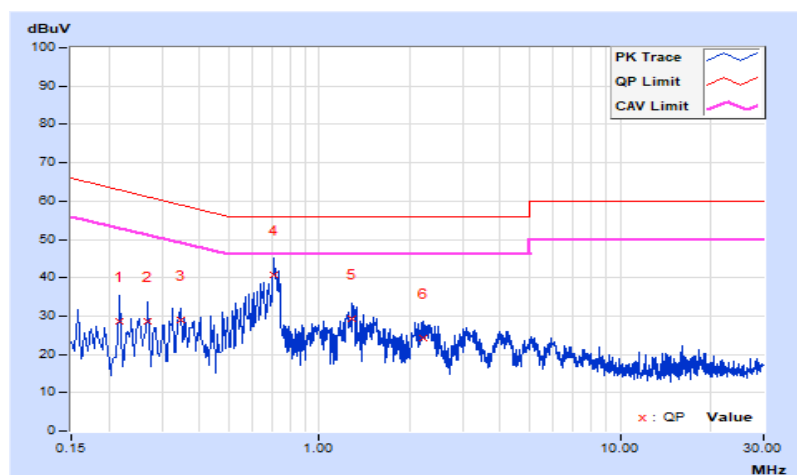


RF Mode	Standby		
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 68% RH
Tested By	Thomas Cheng		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.21800	10.32	18.41	3.24	28.73	13.56	62.89	52.89	-34.16	-39.33
2	0.26992	10.36	18.32	3.70	28.68	14.06	61.12	51.12	-32.44	-37.06
3	0.34578	10.40	18.71	2.32	29.11	12.72	59.06	49.06	-29.95	-36.34
4	0.70985	10.51	30.39	16.41	40.90	26.92	56.00	46.00	-15.10	-19.08
5	1.29000	10.58	18.62	2.95	29.20	13.53	56.00	46.00	-26.80	-32.47
6	2.21800	10.64	13.45	2.99	24.09	13.63	56.00	46.00	-31.91	-32.37

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



7.2 Radiated Emissions below 30 MHz

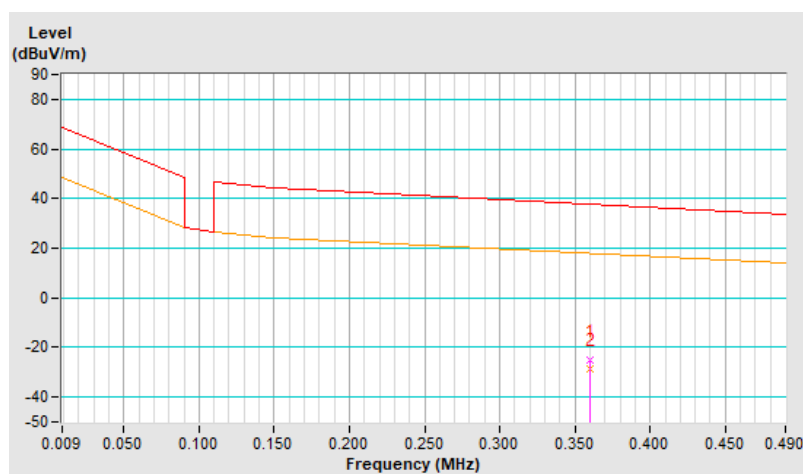
Mode A (Charging Mode)

RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*0.3600	-25.2 PK	36.5	-61.7	1.00	256	35.0	-60.2
2	*0.3600	-28.7 AV	16.5	-45.2	1.00	256	31.5	-60.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The test distance for below 0.49 MHz is 3 m, extrapolate the measured field strength to a distance of 300 meters.
Distance factor@3 m = $40 \cdot \log(3/300) = -80$ dB

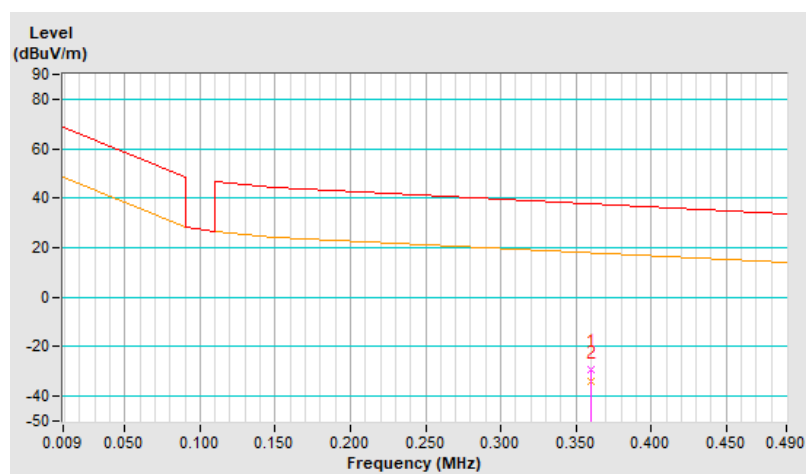


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*0.3600	-29.2 PK	36.5	-65.7	1.00	159	31.0	-60.2
2	*0.3600	-34.2 AV	16.5	-50.7	1.00	159	26.0	-60.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The test distance for below 0.49 MHz is 3 m, extrapolate the measured field strength to a distance of 300 meters.
Distance factor@3 m = $40 \cdot \log(3/300) = -80$ dB

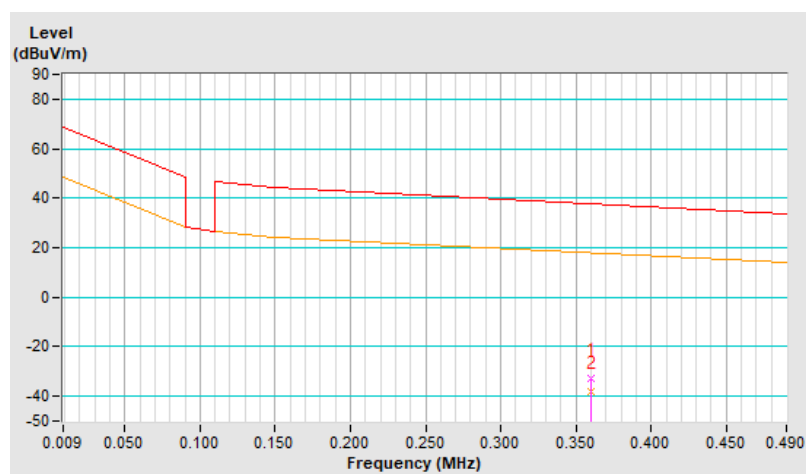


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*0.3600	-32.5 PK	36.5	-69.0	1.00	134	27.7	-60.2
2	*0.3600	-38.2 AV	16.5	-54.7	1.00	134	22.0	-60.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * " : Fundamental frequency.
6. The test distance for below 0.49 MHz is 3 m, extrapolate the measured field strength to a distance of 300 meters.
Distance factor@3 m = $40 \cdot \log(3/300) = -80$ dB

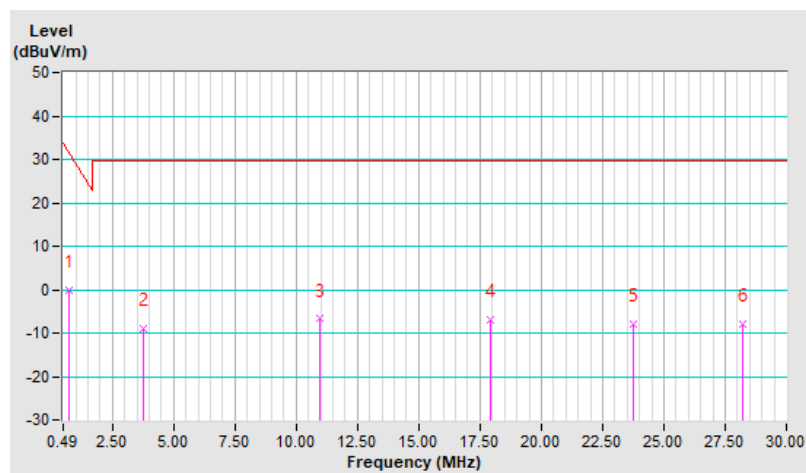


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	0.7200	-0.1 QP	30.5	-30.6	1.00	154	20.2	-20.3
2	3.7400	-8.9 QP	29.5	-38.4	1.00	15	11.4	-20.3
3	10.9400	-6.8 QP	29.5	-36.3	1.00	3	11.7	-18.5
4	17.9000	-7.1 QP	29.5	-36.6	1.00	142	10.8	-17.9
5	23.7400	-8.0 QP	29.5	-37.5	1.00	137	10.7	-18.7
6	28.2300	-8.0 QP	29.5	-37.5	1.00	0	9.8	-17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB

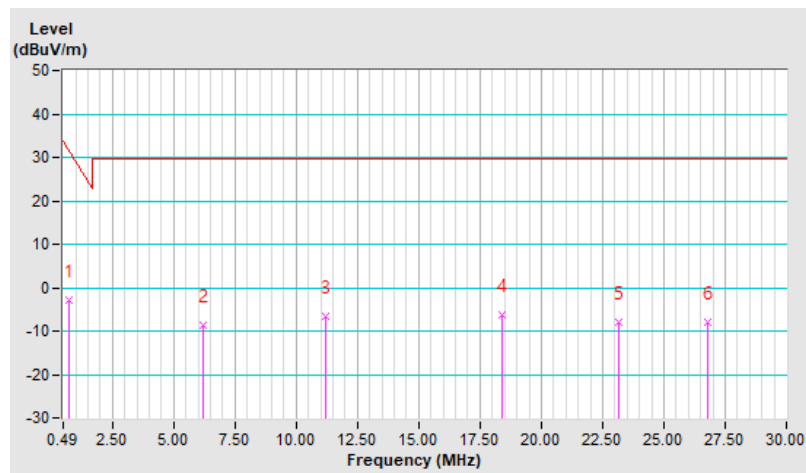


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	0.7200	-2.9 QP	30.5	-33.4	1.00	101	17.4	-20.3
2	6.2100	-8.6 QP	29.5	-38.1	1.00	228	10.3	-18.9
3	11.2000	-6.7 QP	29.5	-36.2	1.00	272	11.8	-18.5
4	18.3700	-6.4 QP	29.5	-35.9	1.00	235	11.4	-17.8
5	23.1500	-8.0 QP	29.5	-37.5	1.00	34	10.6	-18.6
6	26.8100	-7.8 QP	29.5	-37.3	1.00	201	10.3	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB

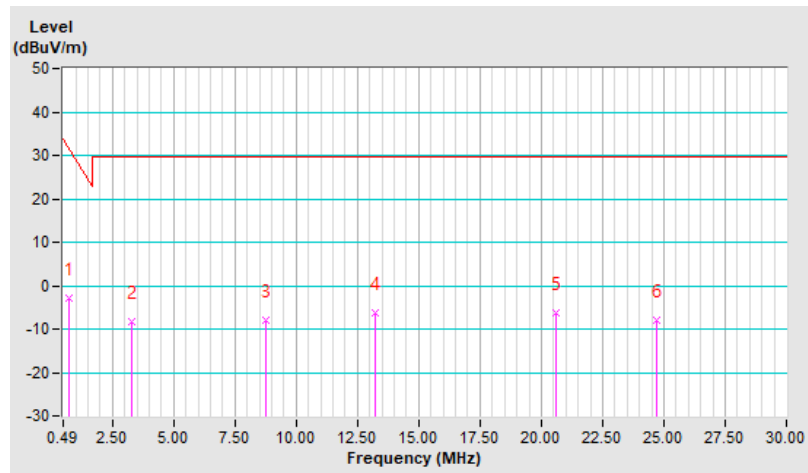


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	0.7200	-3.0 QP	30.5	-33.5	1.00	320	17.3	-20.3
2	3.2600	-8.3 QP	29.5	-37.8	1.00	11	12.1	-20.4
3	8.7800	-7.9 QP	29.5	-37.4	1.00	356	11.4	-19.3
4	13.2100	-6.4 QP	29.5	-35.9	1.00	270	12.2	-18.6
5	20.6200	-6.3 QP	29.5	-35.8	1.00	20	11.7	-18.0
6	24.6900	-8.0 QP	29.5	-37.5	1.00	140	10.2	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB



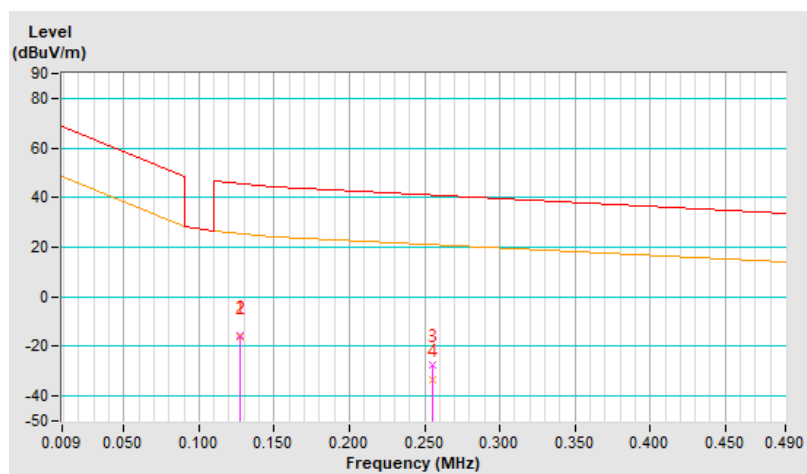
Mode B (Charging Mode)

RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*0.1277	-15.6 PK	45.5	-61.1	1.00	265	45.0	-60.6
2	*0.1277	-15.9 AV	25.5	-41.4	1.00	265	44.7	-60.6
3	0.2554	-27.2 PK	39.5	-66.7	1.00	163	33.0	-60.2
4	0.2554	-33.4 AV	19.5	-52.9	1.00	163	26.8	-60.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The test distance for below 0.49 MHz is 3 m, extrapolate the measured field strength to a distance of 300 meters.
Distance factor@3 m = $40 \cdot \log(3/300) = -80$ dB

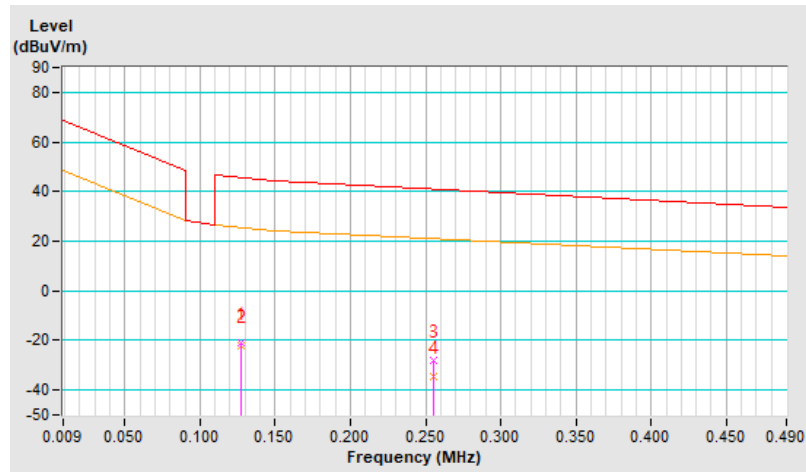


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*0.1277	-21.2 PK	45.5	-66.7	1.00	312	39.4	-60.6
2	*0.1277	-22.0 AV	25.5	-47.5	1.00	312	38.6	-60.6
3	0.2554	-27.8 PK	39.5	-67.3	1.00	269	32.4	-60.2
4	0.2554	-34.3 AV	19.5	-53.8	1.00	269	25.9	-60.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The test distance for below 0.49 MHz is 3 m, extrapolate the measured field strength to a distance of 300 meters.
Distance factor@3 m = $40 \cdot \log(3/300) = -80$ dB

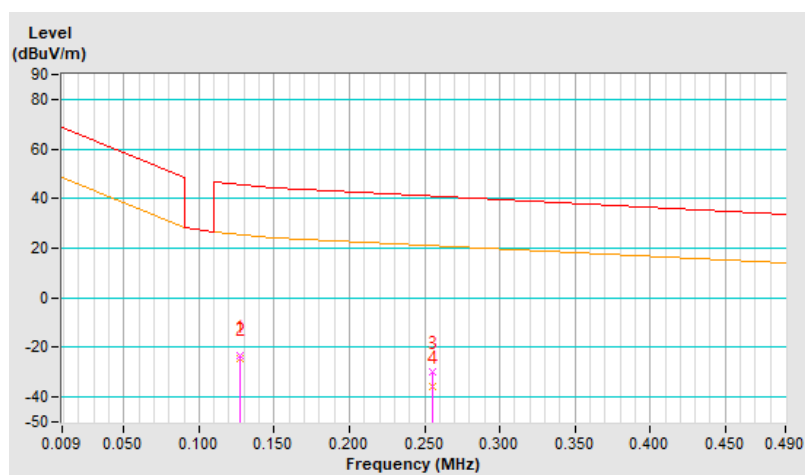


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*0.1277	-23.6 PK	45.5	-69.1	1.00	136	37.0	-60.6
2	*0.1277	-24.4 AV	25.5	-49.9	1.00	136	36.2	-60.6
3	0.2554	-29.8 PK	39.5	-69.3	1.00	276	30.4	-60.2
4	0.2554	-35.8 AV	19.5	-55.3	1.00	276	24.4	-60.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The test distance for below 0.49 MHz is 3 m, extrapolate the measured field strength to a distance of 300 meters.
Distance factor@3 m = $40 \cdot \log(3/300) = -80$ dB

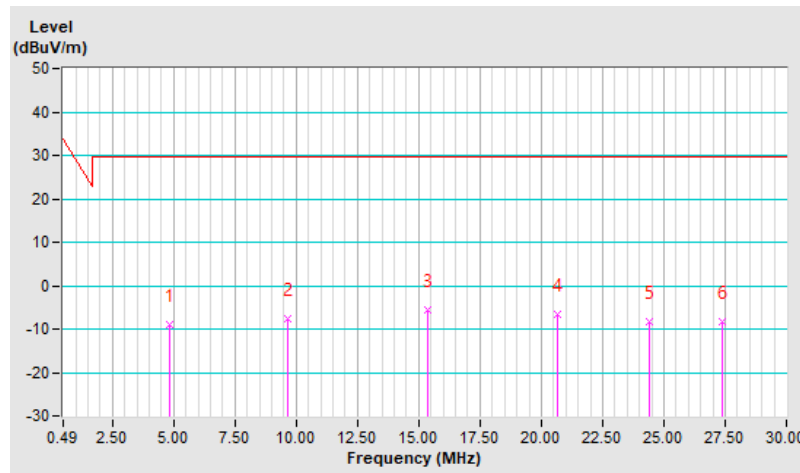


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4.8575	-9.1 QP	29.5	-38.6	1.00	246	10.9	-20.0
2	9.6676	-7.6 QP	29.5	-37.1	1.00	271	11.4	-19.0
3	15.3925	-5.6 QP	29.5	-35.1	1.00	70	13.2	-18.8
4	20.6453	-6.7 QP	29.5	-36.2	1.00	197	11.4	-18.1
5	24.4226	-8.2 QP	29.5	-37.7	1.00	55	10.3	-18.5
6	27.4031	-8.3 QP	29.5	-37.8	1.00	324	9.7	-18.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB

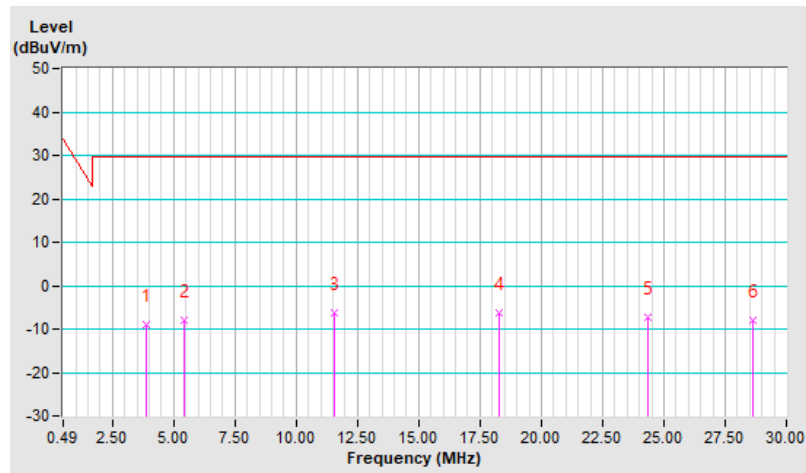


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3.8541	-8.9 QP	29.5	-38.4	1.00	232	11.3	-20.2
2	5.4182	-8.1 QP	29.5	-37.6	1.00	110	11.4	-19.5
3	11.5267	-6.2 QP	29.5	-35.7	1.00	85	12.2	-18.4
4	18.2845	-6.4 QP	29.5	-35.9	1.00	243	11.4	-17.8
5	24.3341	-7.4 QP	29.5	-36.9	1.00	56	11.1	-18.5
6	28.6130	-8.1 QP	29.5	-37.6	1.00	338	9.6	-17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB

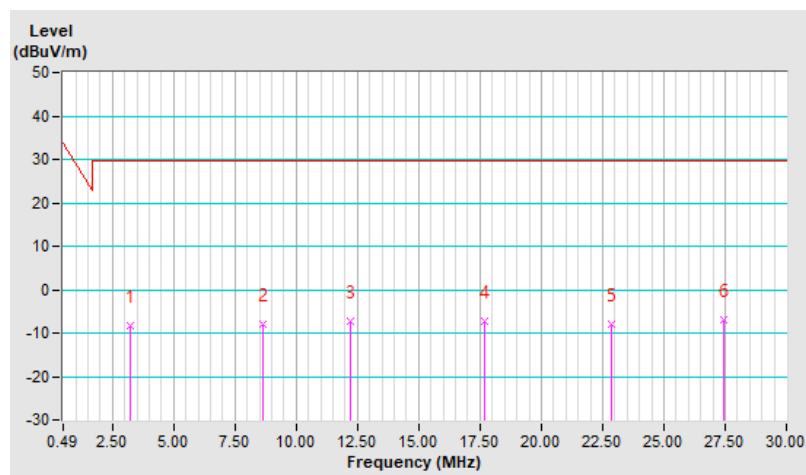


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3.2049	-8.3 QP	29.5	-37.8	1.00	71	12.1	-20.4
2	8.6348	-8.0 QP	29.5	-37.5	1.00	32	11.3	-19.3
3	12.2055	-7.4 QP	29.5	-36.9	1.00	157	11.0	-18.4
4	17.6648	-7.3 QP	29.5	-36.8	1.00	2	10.7	-18.0
5	22.8881	-7.8 QP	29.5	-37.3	1.00	287	10.8	-18.6
6	27.4326	-6.8 QP	29.5	-36.3	1.00	46	11.2	-18.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB



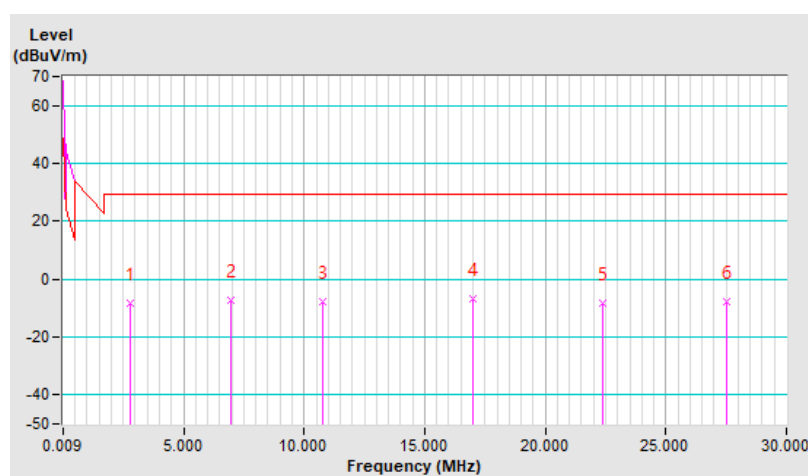
Mode C (Standby Mode)

RF Mode	Standby		
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.7682	-8.2 QP	29.5	-37.7	1.00	164	12.3	-20.5
2	6.9369	-7.5 QP	29.5	-37.0	1.00	15	11.6	-19.1
3	10.7458	-7.7 QP	29.5	-37.2	1.00	294	10.9	-18.6
4	16.9839	-7.0 QP	29.5	-36.5	1.00	237	11.3	-18.3
5	22.3523	-8.2 QP	29.5	-37.7	1.00	344	10.3	-18.5
6	27.5407	-7.8 QP	29.5	-37.3	1.00	161	10.1	-17.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB

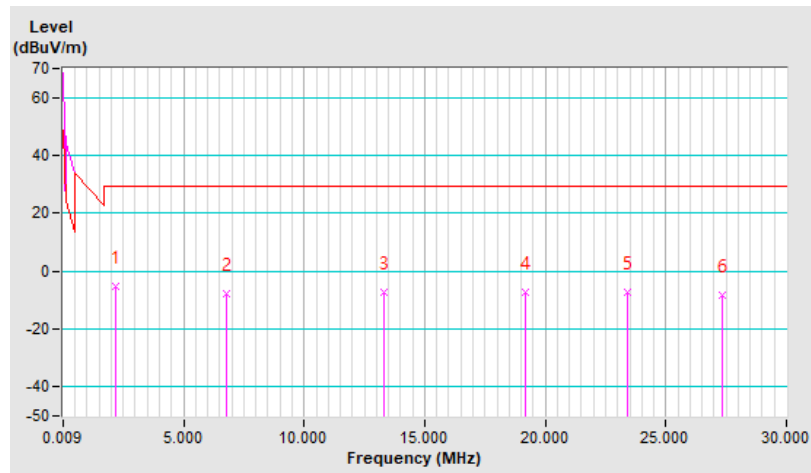


RF Mode	Standby		
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.1684	-5.2 QP	29.5	-34.7	1.00	168	15.2	-20.4
2	6.7570	-7.9 QP	29.5	-37.4	1.00	125	11.2	-19.1
3	13.3250	-7.2 QP	29.5	-36.7	1.00	348	11.5	-18.7
4	19.2032	-7.3 QP	29.5	-36.8	1.00	52	10.4	-17.7
5	23.4320	-7.3 QP	29.5	-36.8	1.00	51	11.4	-18.7
6	27.3308	-8.4 QP	29.5	-37.9	1.00	213	9.6	-18.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB

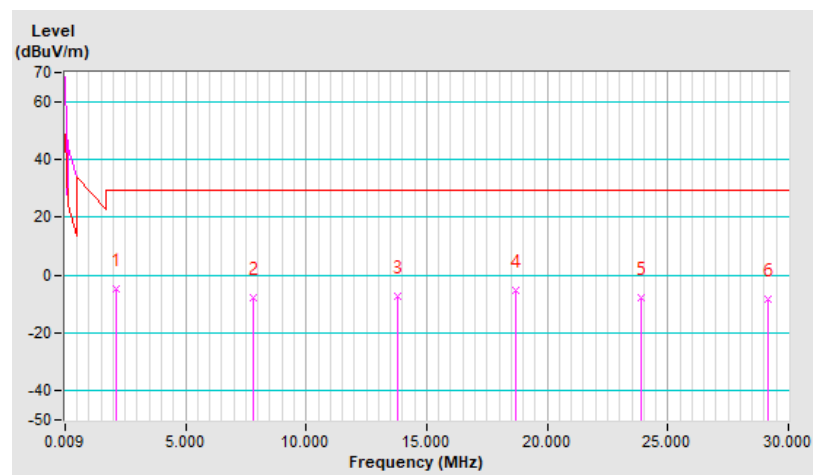


RF Mode	Standby		
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Environmental Conditions	23 °C, 71% RH	Tested By	Vincent Chen

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.1384	-4.5 QP	29.5	-34.0	1.00	167	15.9	-20.4
2	7.8067	-7.7 QP	29.5	-37.2	1.00	171	11.5	-19.2
3	13.7749	-7.1 QP	29.5	-36.6	1.00	300	11.7	-18.8
4	18.6634	-5.5 QP	29.5	-35.0	1.00	2	12.3	-17.8
5	23.9118	-8.0 QP	29.5	-37.5	1.00	286	10.8	-18.8
6	29.1603	-8.1 QP	29.5	-37.6	1.00	164	9.6	-17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30 MHz is 3 m, extrapolate the measured field strength to a distance of 30 meters.
Distance factor@3 m = $40 \cdot \log(3/30) = -40$ dB



7.3 Radiated Emissions above 30 MHz

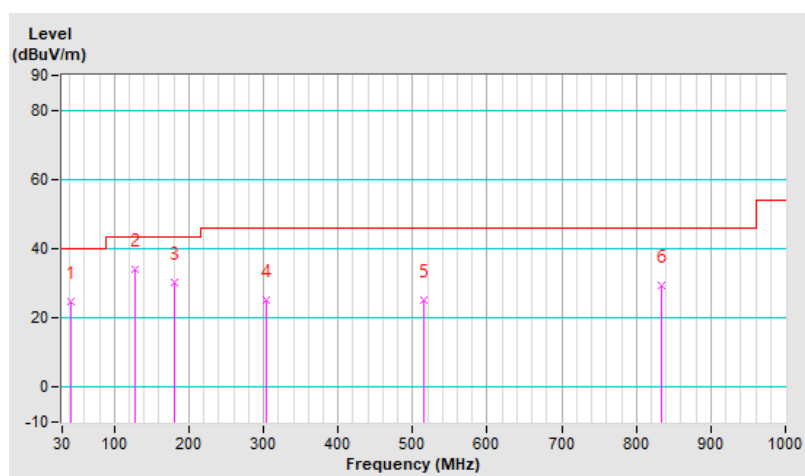
Mode A (Charging Mode)

RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	42.61	24.6 QP	40.0	-15.4	2.00 H	102	36.7	-12.1
2	127.00	34.1 QP	43.5	-9.4	1.00 H	78	47.9	-13.8
3	180.35	30.4 QP	43.5	-13.1	1.50 H	218	44.3	-13.9
4	303.54	25.1 QP	46.0	-20.9	2.00 H	5	36.6	-11.5
5	515.00	25.3 QP	46.0	-20.7	1.00 H	247	31.2	-5.9
6	834.13	29.5 QP	46.0	-16.5	1.50 H	156	29.5	0.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

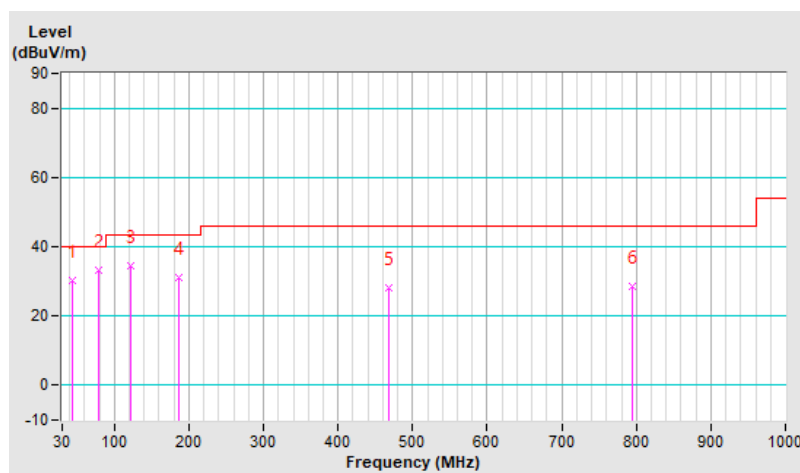


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	43.58	30.4 QP	40.0	-9.6	1.00 V	8	42.5	-12.1
2	79.47	33.4 QP	40.0	-6.6	1.50 V	240	50.4	-17.0
3	122.15	34.3 QP	43.5	-9.2	1.00 V	74	48.4	-14.1
4	186.17	30.9 QP	43.5	-12.6	2.00 V	2	45.5	-14.6
5	468.44	28.2 QP	46.0	-17.8	1.00 V	300	35.4	-7.2
6	795.33	28.6 QP	46.0	-17.4	2.00 V	85	29.0	-0.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



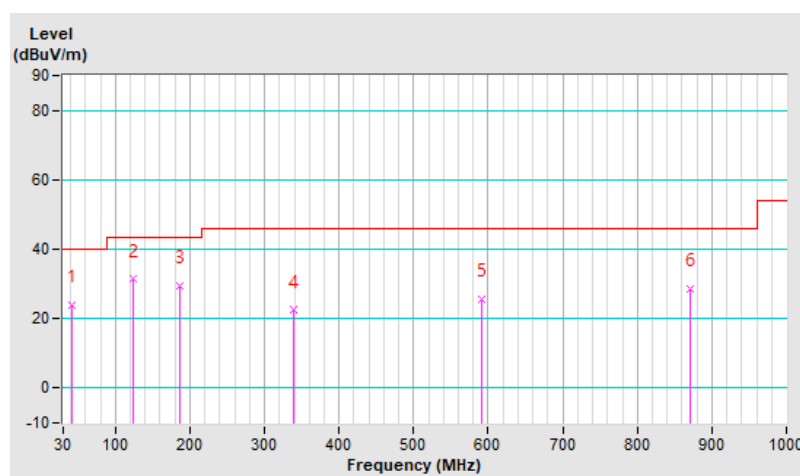
Mode B (Charging Mode)

RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	42.61	23.8 QP	40.0	-16.2	2.00 H	54	35.9	-12.1
2	123.12	31.3 QP	43.5	-12.2	1.00 H	74	45.4	-14.1
3	187.14	29.4 QP	43.5	-14.1	1.50 H	210	44.1	-14.7
4	339.43	22.4 QP	46.0	-23.6	1.00 H	17	33.2	-10.8
5	590.66	25.5 QP	46.0	-20.5	2.00 H	12	30.3	-4.8
6	870.99	28.6 QP	46.0	-17.4	1.50 H	2	28.8	-0.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

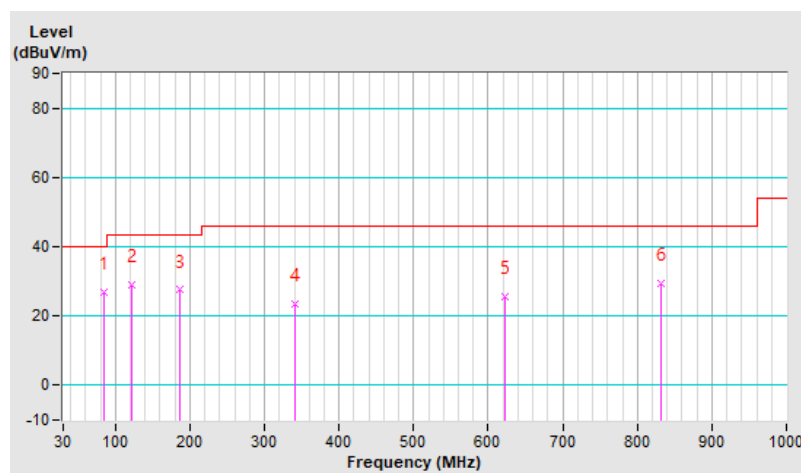


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	84.32	26.9 QP	40.0	-13.1	1.00 V	225	45.0	-18.1
2	122.15	28.8 QP	43.5	-14.7	1.50 V	77	42.9	-14.1
3	186.17	27.5 QP	43.5	-16.0	1.00 V	96	42.1	-14.6
4	341.37	23.4 QP	46.0	-22.6	2.00 V	132	34.2	-10.8
5	622.67	25.7 QP	46.0	-20.3	1.00 V	157	29.6	-3.9
6	831.22	29.3 QP	46.0	-16.7	1.50 V	200	29.3	0.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



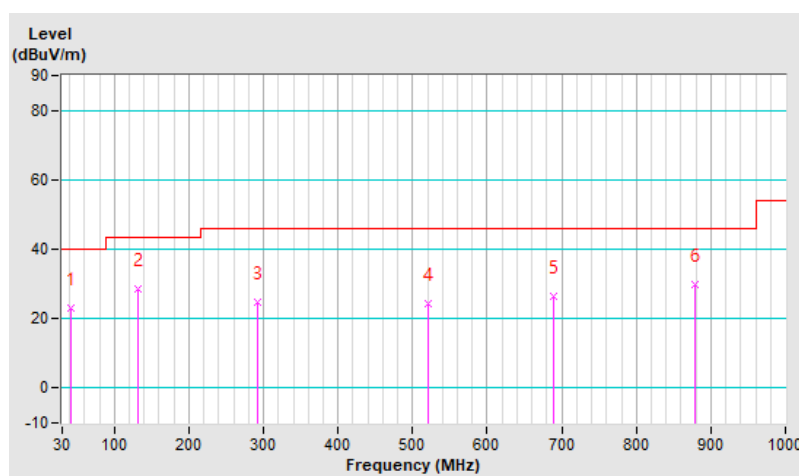
Mode C (Standby Mode)

RF Mode	Standby Mode		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	42.61	23.0 QP	40.0	-17.0	2.00 H	352	35.1	-12.1
2	130.88	28.7 QP	43.5	-14.8	1.00 H	64	42.0	-13.3
3	291.90	24.9 QP	46.0	-21.1	1.50 H	134	36.8	-11.9
4	520.82	24.4 QP	46.0	-21.6	1.00 H	15	30.1	-5.7
5	688.63	26.4 QP	46.0	-19.6	1.00 H	18	29.3	-2.9
6	879.72	29.8 QP	46.0	-16.2	2.00 H	220	29.9	-0.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

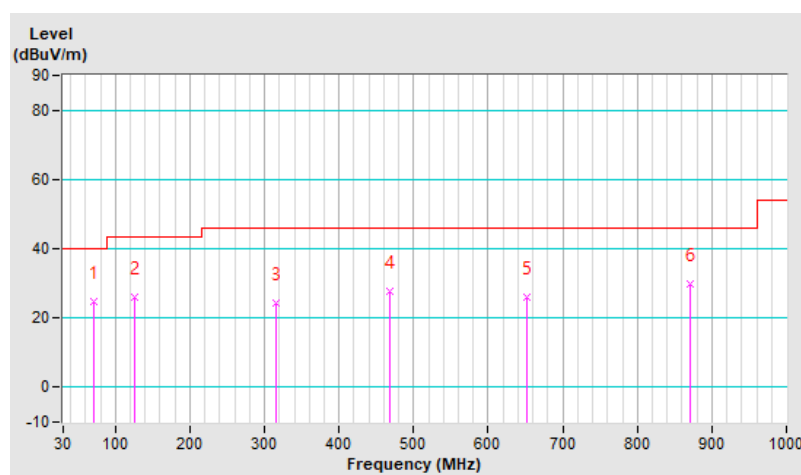


RF Mode	Standby Mode		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 71% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	71.71	24.8 QP	40.0	-15.2	1.00 V	2	39.6	-14.8
2	125.06	26.0 QP	43.5	-17.5	1.50 V	76	39.8	-13.8
3	316.15	24.5 QP	46.0	-21.5	1.00 V	179	35.5	-11.0
4	467.47	27.7 QP	46.0	-18.3	2.00 V	186	34.9	-7.2
5	651.77	26.2 QP	46.0	-19.8	1.00 V	66	29.7	-3.5
6	870.02	29.9 QP	46.0	-16.1	2.00 V	254	30.1	-0.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Web Site: <http://ee.bureauveritas.com.tw>

The address and road map of all our labs can be found in our web site also.

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