

TEST REPORT

CERTIFICATE OF CONFORMITY

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

Report No.: RFBCBS-WTW-P25110093

FCC ID: K7SBPD014

Product: UltraCharge Pro Magnetic Power Bank 10K with Magnetic Ring

Brand: belkin

Model No.: BPD014

Received Date: 2025/11/5

Test Date: 2025/11/13

Issued Date: 2026/1/9

Applicant: Belkin International, Inc.

Address: 555 S. Aviation Blvd., Suite 180, El Segundo, CA 90245, USA

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

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan

FCC Registration / 788550 / TW0003

Designation Number:

Approved by:

Jeremy Lin
Jeremy Lin / Project Engineer

, Date:

2026/1/9

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Prepared by : Polly Chien / Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFBCBS-WTW-P25110093	Original release.	2026/1/9

1 Certificate

Product: UltraCharge Pro Magnetic Power Bank 10K with Magnetic Ring

Brand: belkin

Test Model: BPD014

Sample Status: Engineering sample

Applicant: Belkin International, Inc.

Test Date: 2025/11/13

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 -9.68 dB at 0.74200 MHz
15.209	Radiated Emissions below 30 MHz	Pass	Minimum passing margin is -24.8 dB at 15.3900 MHz
15.209	Radiated Emissions above 30 MHz	Pass	Minimum passing margin is -6.3 dB at 744.89 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	Uncertainty (±)
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	UltraCharge Pro Magnetic Power Bank 10K with Magnetic Ring
Brand	belkin
Test Model	BPD014
Status of EUT	Engineering sample
Power Supply Rating	Input: 5V=3A, 9V=3A, 12V=3A, 15V=2.5A Output: USB-C: 5V=3A, 9V=3A, 12V=2.5A, 15V=2A
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):145kHz, for Android phone
Number of Channel	2
Output Power (Field Strength)	360.0kHz: -22.5dBuV/m (PK) (300m) -29.9dBuV/m (AV) (300m) 127.7kHz: -12.2dBuV/m (PK) (300m) -15.0dBuV/m (AV) (300m)

Note:

1. The EUT contains following accessory devices.

Item	Brand	Model	Description
Battery	Lishen	SP526578SR	Rating: 7.74Vdc
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)	belkin	CSJX-CTOC-38 (for white cable) CSJX-CTOC-39 (for black cable)	0.6m shielding cable

2. 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	KeFeiTe	G42.9-8.3uH-40mm+	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/ Kickstand. 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_145 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/ Kickstand. The Worst Condition: Y-axis 2. 111 kHz ~ 148 kHz Worst Frequency: for iPhone_127.7 kHz 3. The Worst Operating Mode: Pass Thru 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(iPhone 17 Pro Max)	
	B	Charging Mode - 127.7kHz(iPhone 11 Pro Max)	
	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: 25W Qi2.2 wireless charging iPhone, or 1 x USB-C 30W max output
- 1 x USB-C 15W + Wireless charging 15W

Pass-Thru Mode:

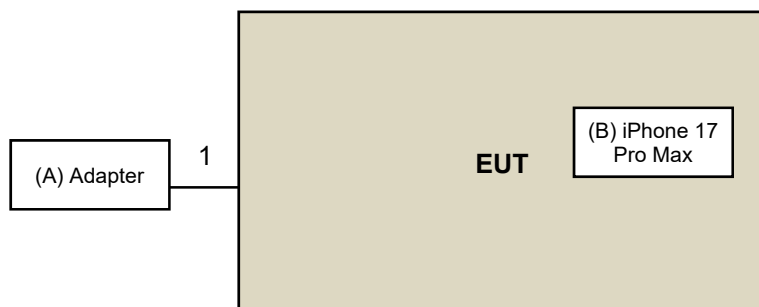
- 25W Qi2.2 wireless output for iPhone (Provided a 36W or larger PSU is connected)

3.5 Test Program Used and Operation Descriptions

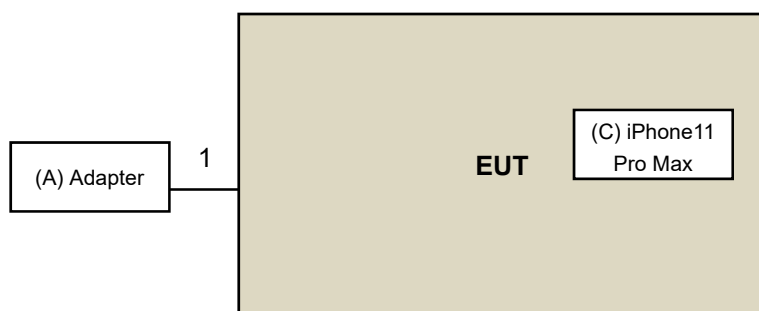
No test software is required during testing. The EUT can be under transmission condition for testing after powering on.

3.6 Connection Diagram of EUT and Peripheral Devices

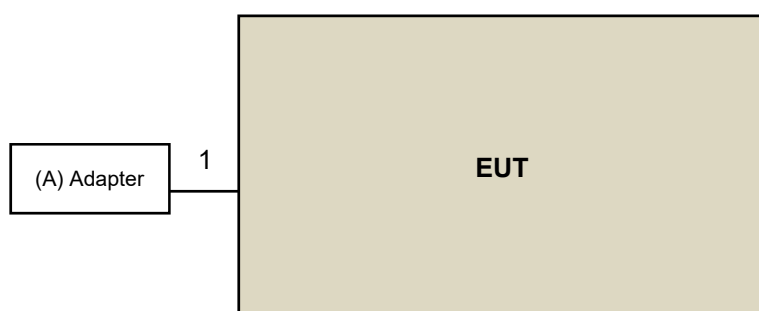
Mode A



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 17 Pro Max	APPLE	A3526	N/A	N/A	Supplied by applicant
C	iPhone 11 Pro Max	APPLE	A2218	N/A	N/A	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
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: 2025/11/13

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: 2025/11/13

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: 2025/11/13

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

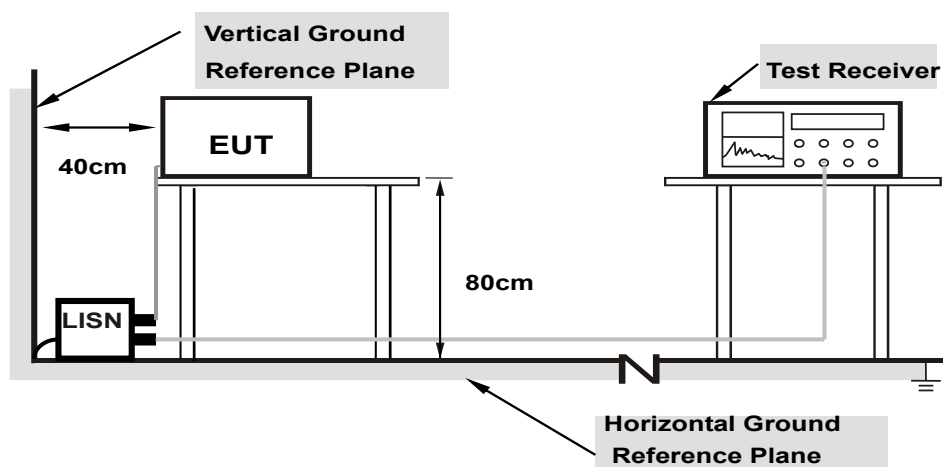
Notes:

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

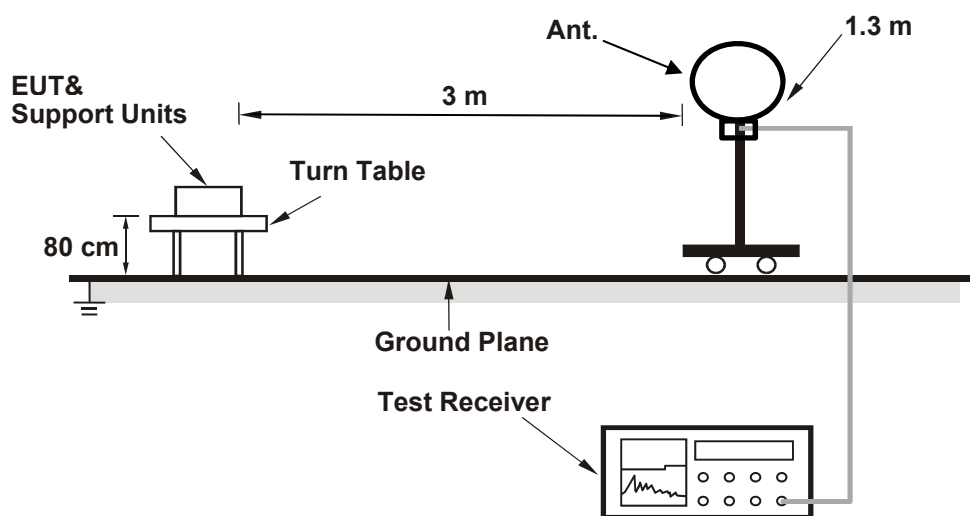
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The 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.

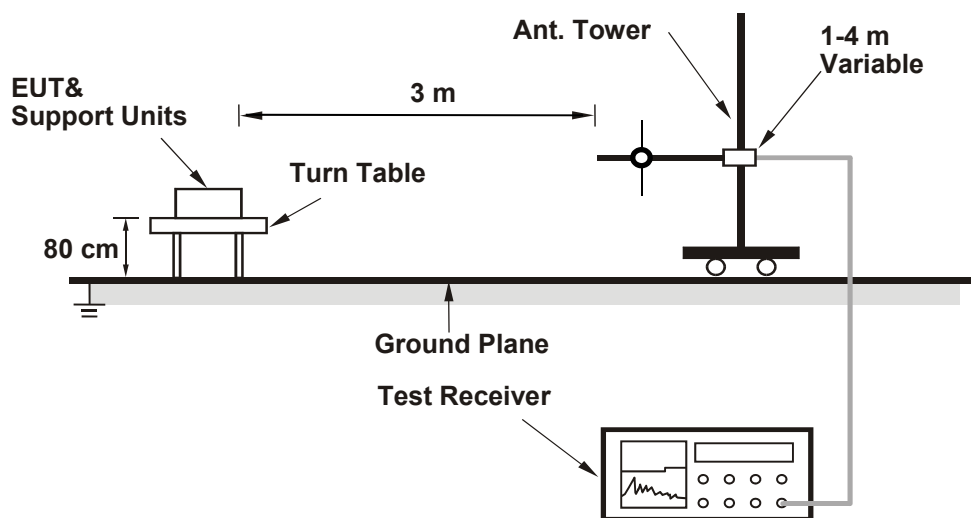
Notes:

- 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

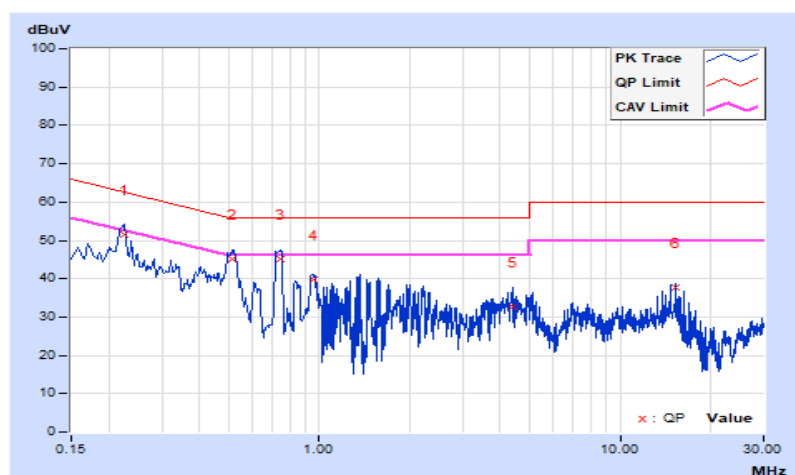
Mode A (Charging Mode)

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	23 °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	0.22505	10.30	41.13	15.71	51.43	26.01	62.63	52.63	-11.20	-26.62
2	0.51743	10.42	34.85	16.13	45.27	26.55	56.00	46.00	-10.73	-19.45
3	0.74200	10.47	34.80	18.55	45.27	29.02	56.00	46.00	-10.73	-16.98
4	0.95347	10.51	29.14	12.15	39.65	22.66	56.00	46.00	-16.35	-23.34
5	4.39200	10.78	21.77	6.04	32.55	16.82	56.00	46.00	-23.45	-29.18
6	15.38400	10.97	26.67	25.51	37.64	36.48	60.00	50.00	-22.36	-13.52

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

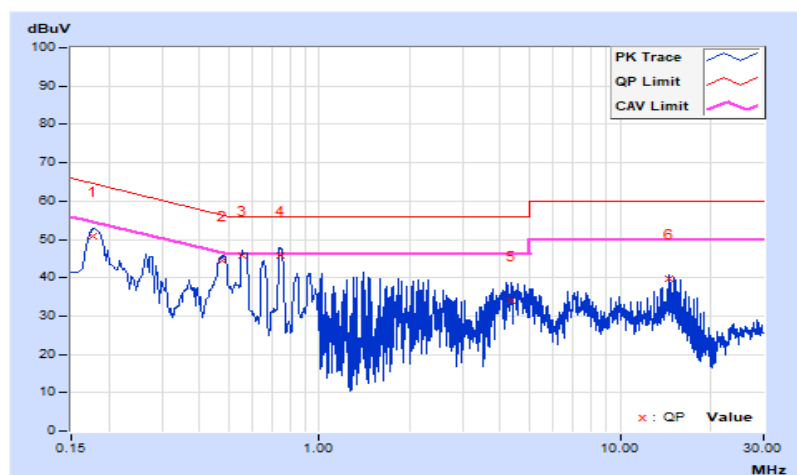


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 68% RH
Tested By	Thomas Cheng		

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	0.17755	10.30	40.71	26.31	51.01	36.61	64.60	54.60	-13.59	-17.99
2	0.47400	10.46	33.91	11.94	44.37	22.40	56.44	46.44	-12.07	-24.04
3	0.55800	10.47	35.37	7.23	45.84	17.70	56.00	46.00	-10.16	-28.30
4	0.74040	10.51	35.36	18.07	45.87	28.58	56.00	46.00	-10.13	-17.42
5	4.33600	10.82	23.22	4.42	34.04	15.24	56.00	46.00	-21.96	-30.76
6	14.48400	11.10	28.69	25.29	39.79	36.39	60.00	50.00	-20.21	-13.61

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



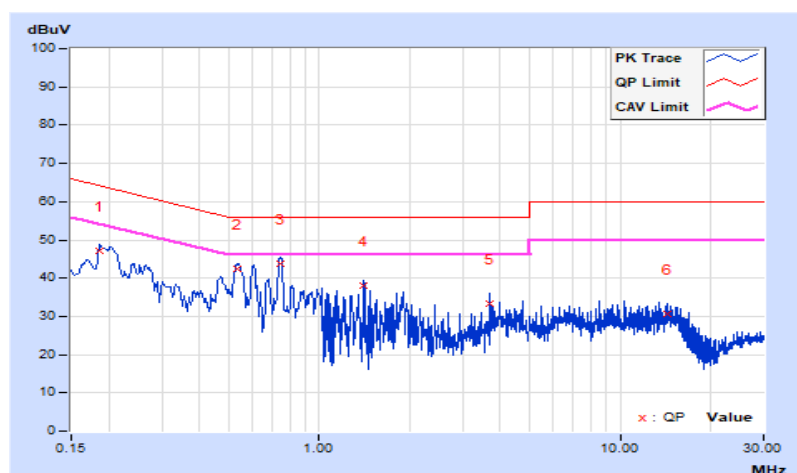
Mode B (Charging Mode)

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	23 °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	0.18600	10.27	36.75	12.95	47.02	23.22	64.21	54.21	-17.19	-30.99
2	0.53405	10.43	31.94	15.49	42.37	25.92	56.00	46.00	-13.63	-20.08
3	0.74040	10.47	33.31	21.91	43.78	32.38	56.00	46.00	-12.22	-13.62
4	1.40400	10.54	27.57	17.21	38.11	27.75	56.00	46.00	-17.89	-18.25
5	3.70400	10.74	22.66	15.92	33.40	26.66	56.00	46.00	-22.60	-19.34
6	14.43600	10.96	19.65	15.20	30.61	26.16	60.00	50.00	-29.39	-23.84

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

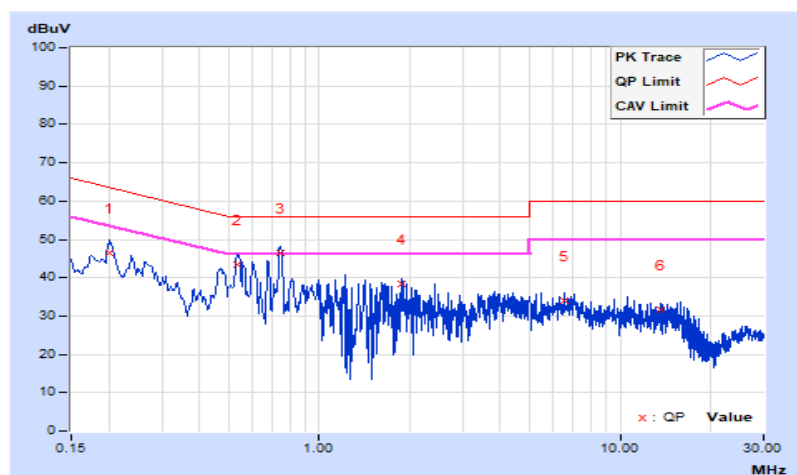


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 68% RH
Tested By	Thomas Cheng		

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	0.20200	10.31	36.29	19.91	46.60	30.22	63.53	53.53	-16.93	-23.31
2	0.53400	10.47	33.05	17.08	43.52	27.55	56.00	46.00	-12.48	-18.45
3	0.74200	10.51	35.81	23.14	46.32	33.65	56.00	46.00	-9.68	-12.35
4	1.87600	10.61	27.68	10.29	38.29	20.90	56.00	46.00	-17.71	-25.10
5	6.51600	10.88	23.07	18.65	33.95	29.53	60.00	50.00	-26.05	-20.47
6	13.66800	11.08	20.46	17.45	31.54	28.53	60.00	50.00	-28.46	-21.47

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



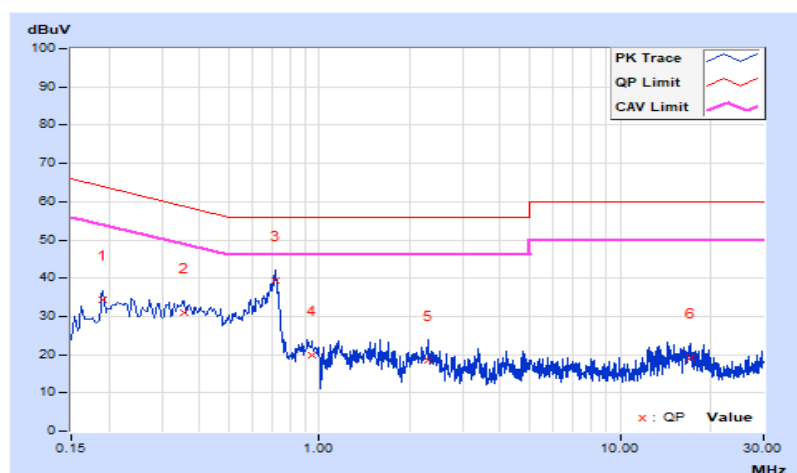
Mode C (Standby Mode)

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	23 °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	24.04	2.32	34.31	12.59	64.04	54.04	-29.73	-41.45
2	0.35400	10.37	20.53	1.05	30.90	11.42	58.87	48.87	-27.97	-37.45
3	0.71800	10.46	28.98	13.69	39.44	24.15	56.00	46.00	-16.56	-21.85
4	0.94200	10.51	9.28	1.56	19.79	12.07	56.00	46.00	-36.21	-33.93
5	2.30000	10.60	7.92	1.68	18.52	12.28	56.00	46.00	-37.48	-33.72
6	17.10800	11.01	8.14	1.44	19.15	12.45	60.00	50.00	-40.85	-37.55

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

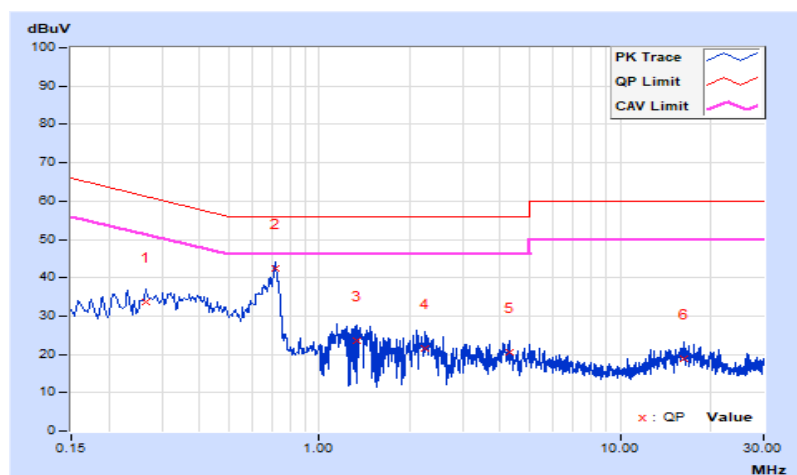


RF Mode	Standby	Channel	CH 0 : 0 Hz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 68% RH
Tested By	Thomas Cheng		

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	0.26569	10.35	23.44	2.47	33.79	12.82	61.25	51.25	-27.46	-38.43
2	0.71735	10.51	31.86	14.30	42.37	24.81	56.00	46.00	-13.63	-21.19
3	1.34000	10.59	13.09	1.65	23.68	12.24	56.00	46.00	-32.32	-33.76
4	2.24400	10.64	10.95	1.24	21.59	11.88	56.00	46.00	-34.41	-34.12
5	4.27200	10.82	9.86	1.56	20.68	12.38	56.00	46.00	-35.32	-33.62
6	16.25200	11.17	7.53	1.32	18.70	12.49	60.00	50.00	-41.30	-37.51

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

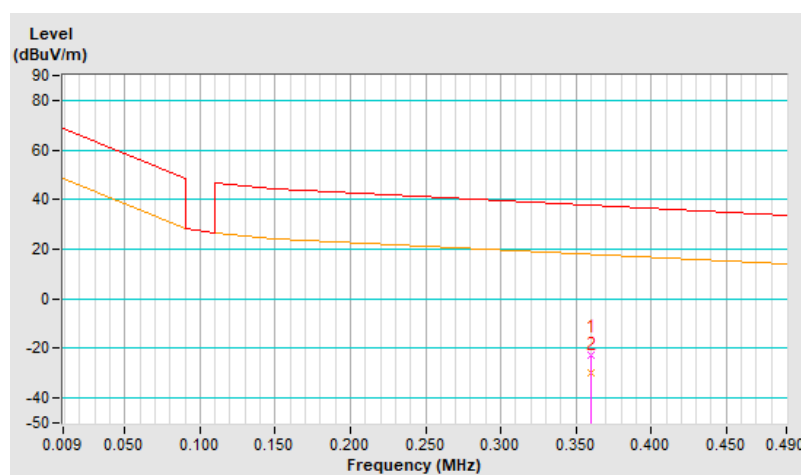
Mode A (Charging Mode)

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
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °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	-22.5 PK	36.5	-59.0	1.00	165	37.7	-60.2
2	*0.3600	-29.9 AV	16.5	-46.4	1.00	165	30.3	-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

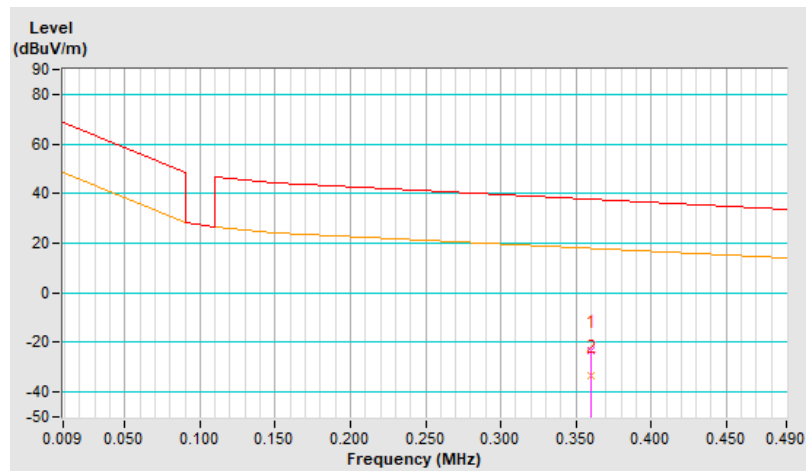


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	-23.4 PK	36.5	-59.9	1.00	116	36.8	-60.2
2	*0.3600	-33.5 AV	16.5	-50.0	1.00	116	26.7	-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

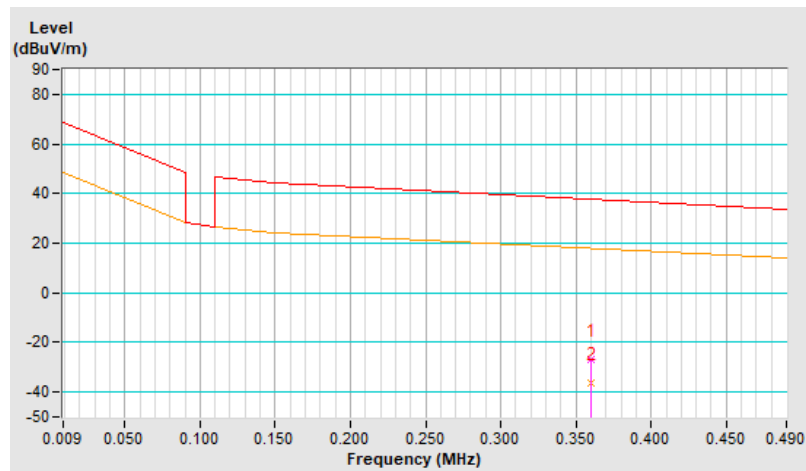


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	-26.6 PK	36.5	-63.1	1.00	284	33.6	-60.2
2	*0.3600	-36.6 AV	16.5	-53.1	1.00	284	23.6	-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

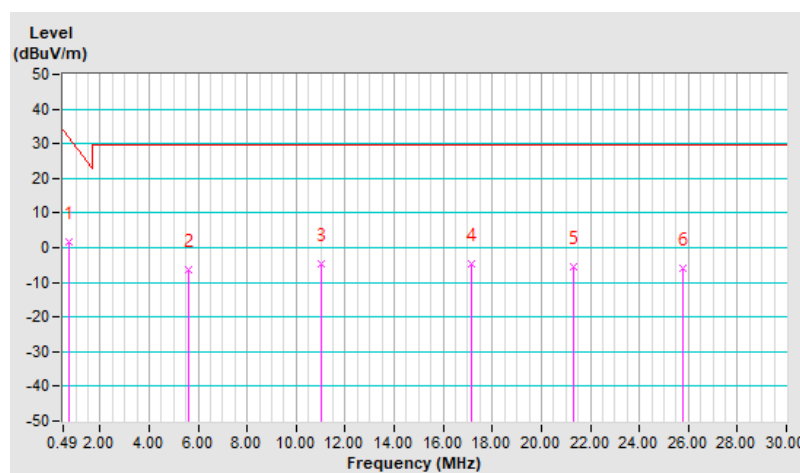


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	1.8 QP	30.5	-28.7	1.00	8	22.1	-20.3
2	5.5900	-6.4 QP	29.5	-35.9	1.00	227	13.0	-19.4
3	11.0500	-4.5 QP	29.5	-34.0	1.00	286	14.0	-18.5
4	17.1300	-4.8 QP	29.5	-34.3	1.00	234	13.4	-18.2
5	21.3000	-5.3 QP	29.5	-34.8	1.00	312	13.0	-18.3
6	25.8000	-5.9 QP	29.5	-35.4	1.00	23	12.3	-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

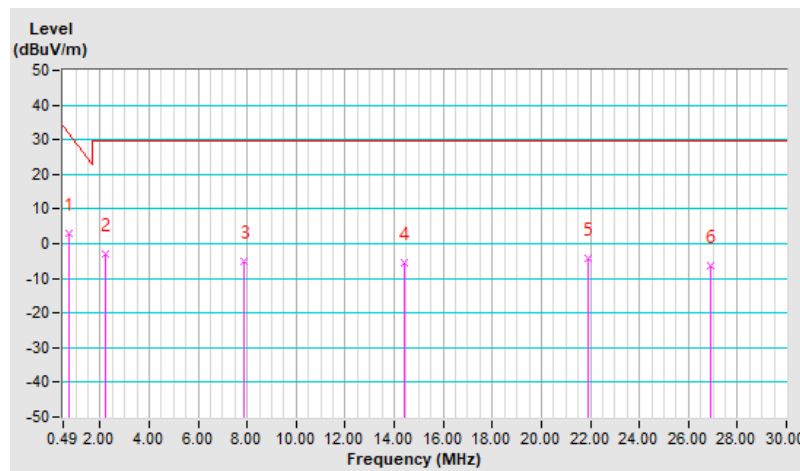


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	-27.6	1.00	259	23.2	-20.3
2	2.2000	-2.9 QP	29.5	-32.4	1.00	18	17.5	-20.4
3	7.9000	-4.9 QP	29.5	-34.4	1.00	109	14.3	-19.2
4	14.4300	-5.6 QP	29.5	-35.1	1.00	147	13.2	-18.8
5	21.9000	-4.4 QP	29.5	-33.9	1.00	183	14.1	-18.5
6	26.8800	-6.3 QP	29.5	-35.8	1.00	83	11.8	-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

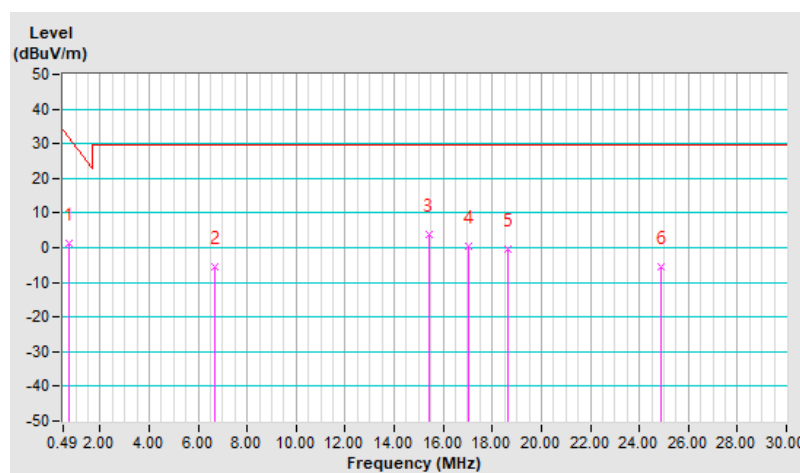


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	1.3 QP	30.5	-29.2	1.00	18	21.6	-20.3
2	6.7000	-5.4 QP	29.5	-34.9	1.00	242	13.6	-19.0
3	15.3900	3.9 QP	29.5	-25.6	1.00	16	22.7	-18.8
4	17.0100	0.4 QP	29.5	-29.1	1.00	348	18.7	-18.3
5	18.6300	-0.6 QP	29.5	-30.1	1.00	31	17.2	-17.8
6	24.8700	-5.3 QP	29.5	-34.8	1.00	236	12.8	-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



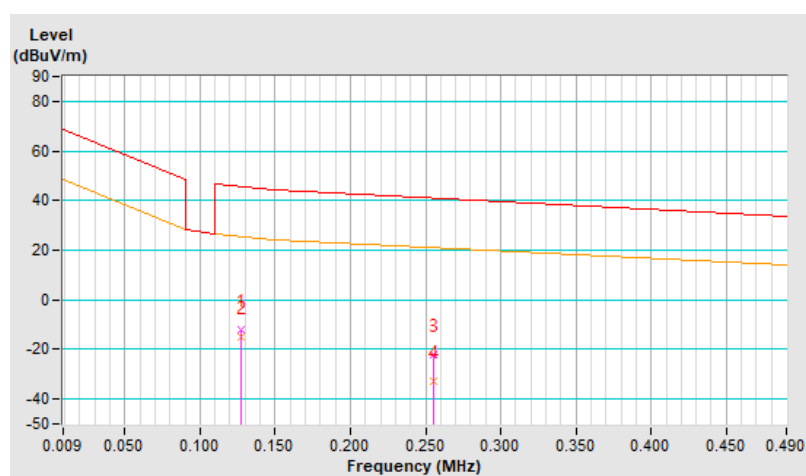
Mode B (Charging Mode)

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
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °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	-12.2 PK	45.5	-57.7	1.00	286	48.4	-60.6
2	*0.1277	-15.0 AV	25.5	-40.5	1.00	286	45.6	-60.6
3	0.2554	-22.1 PK	39.5	-61.6	1.00	117	38.1	-60.2
4	0.2554	-32.9 AV	19.5	-52.4	1.00	117	27.3	-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

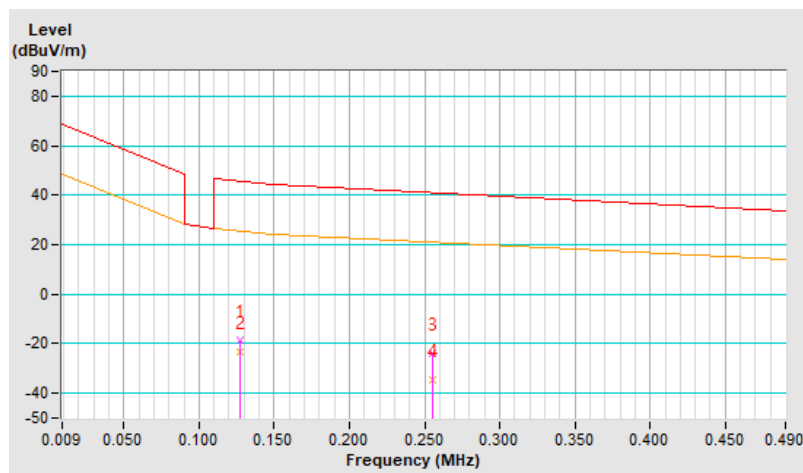


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	-18.7 PK	45.5	-64.2	1.00	193	41.9	-60.6
2	*0.1277	-23.2 AV	25.5	-48.7	1.00	193	37.4	-60.6
3	0.2554	-23.8 PK	39.5	-63.3	1.00	279	36.4	-60.2
4	0.2554	-34.8 AV	19.5	-54.3	1.00	279	25.4	-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

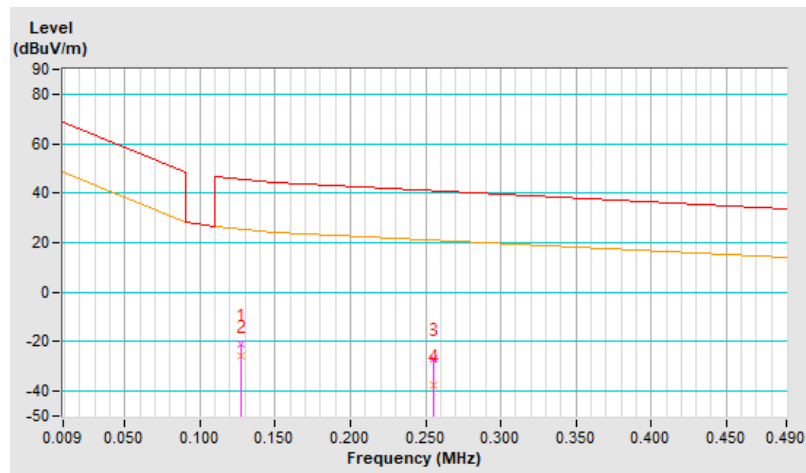


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	-21.2 PK	45.5	-66.7	1.00	253	39.4	-60.6
2	*0.1277	-25.5 AV	25.5	-51.0	1.00	253	35.1	-60.6
3	0.2554	-26.7 PK	39.5	-66.2	1.00	78	33.5	-60.2
4	0.2554	-37.5 AV	19.5	-57.0	1.00	78	22.7	-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

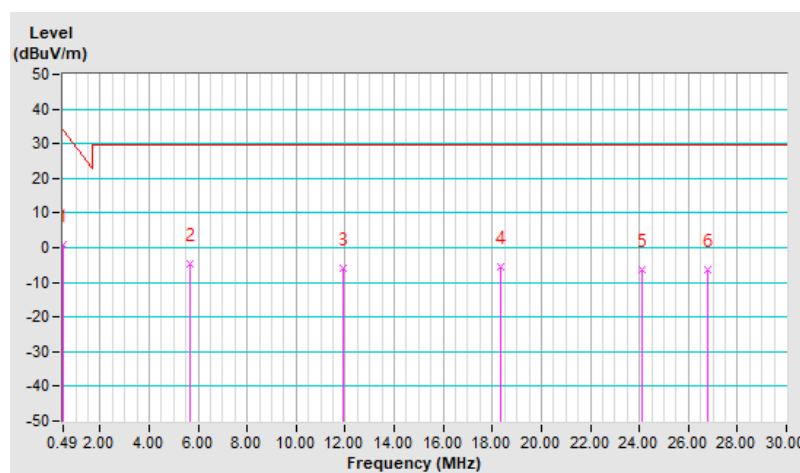


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	0.5188	0.9 QP	33.3	-32.4	1.00	136	21.1	-20.2
2	5.6473	-4.8 QP	29.5	-34.3	1.00	198	14.5	-19.3
3	11.9154	-6.0 QP	29.5	-35.5	1.00	50	12.4	-18.4
4	18.3335	-5.4 QP	29.5	-34.9	1.00	2	12.4	-17.8
5	24.0918	-6.2 QP	29.5	-35.7	1.00	18	12.5	-18.7
6	26.7610	-6.2 QP	29.5	-35.7	1.00	86	11.9	-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

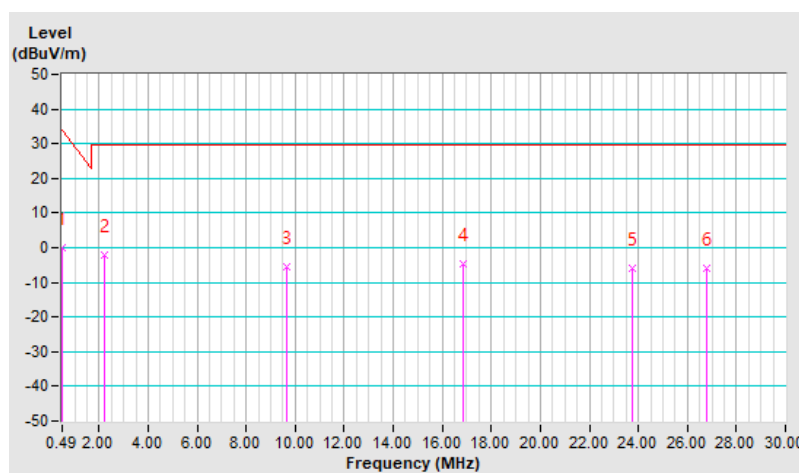


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	0.5188	-0.1 QP	33.3	-33.4	1.00	289	20.1	-20.2
2	2.2283	-2.0 QP	29.5	-31.5	1.00	31	18.4	-20.4
3	9.6661	-5.6 QP	29.5	-35.1	1.00	18	13.4	-19.0
4	16.8639	-4.7 QP	29.5	-34.2	1.00	294	13.6	-18.3
5	23.7319	-6.1 QP	29.5	-35.6	1.00	350	12.6	-18.7
6	26.7910	-6.1 QP	29.5	-35.6	1.00	32	12.0	-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

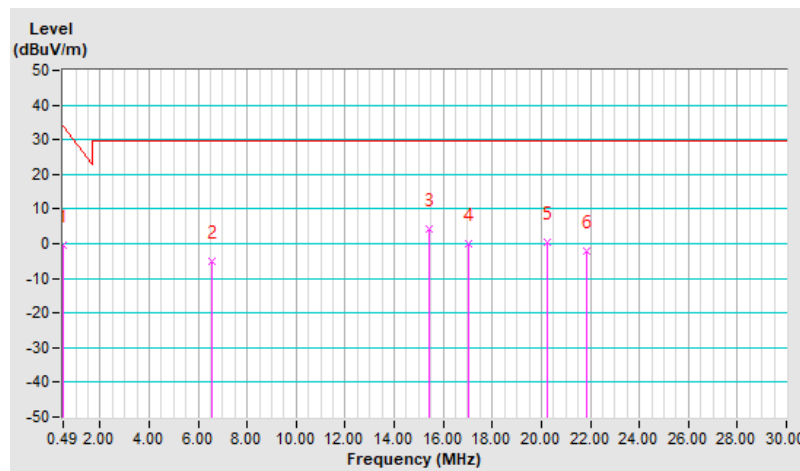


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	0.5188	-0.4 QP	33.3	-33.7	1.00	167	19.8	-20.2
2	6.5770	-4.9 QP	29.5	-34.4	1.00	50	14.1	-19.0
3	15.3944	4.4 QP	29.5	-25.1	1.00	181	23.2	-18.8
4	17.0139	0.2 QP	29.5	-29.3	1.00	201	18.5	-18.3
5	20.2529	0.3 QP	29.5	-29.2	1.00	212	18.2	-17.9
6	21.8724	-2.0 QP	29.5	-31.5	1.00	232	16.5	-18.5

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



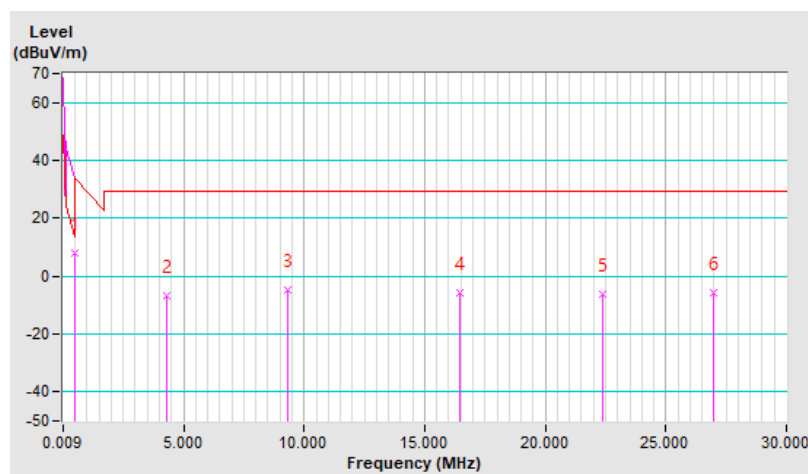
Mode C (Standby Mode)

RF Mode	Standby		
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °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	0.5200	8.1 QP	33.3	-25.2	1.00	206	28.3	-20.2
2	4.3000	-6.7 QP	29.5	-36.2	1.00	206	13.4	-20.1
3	9.3400	-4.8 QP	29.5	-34.3	1.00	337	14.3	-19.1
4	16.4700	-5.8 QP	29.5	-35.3	1.00	112	12.7	-18.5
5	22.3800	-6.1 QP	29.5	-35.6	1.00	340	12.4	-18.5
6	27.0000	-5.7 QP	29.5	-35.2	1.00	165	12.4	-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

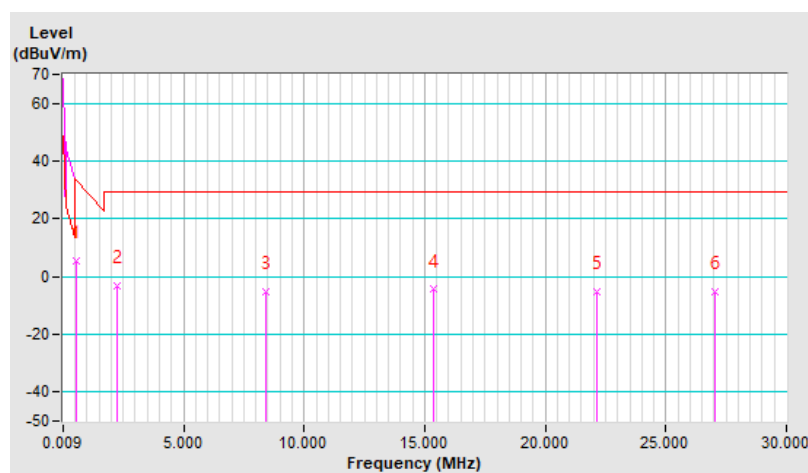


RF Mode	Standby		
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	0.5500	5.3 QP	32.8	-27.5	1.00	131	25.5	-20.2
2	2.2300	-3.3 QP	29.5	-32.8	1.00	62	17.1	-20.4
3	8.4100	-5.5 QP	29.5	-35.0	1.00	188	13.7	-19.2
4	15.3900	-4.5 QP	29.5	-34.0	1.00	205	14.3	-18.8
5	22.1400	-5.4 QP	29.5	-34.9	1.00	75	13.1	-18.5
6	27.0300	-5.4 QP	29.5	-34.9	1.00	18	12.7	-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

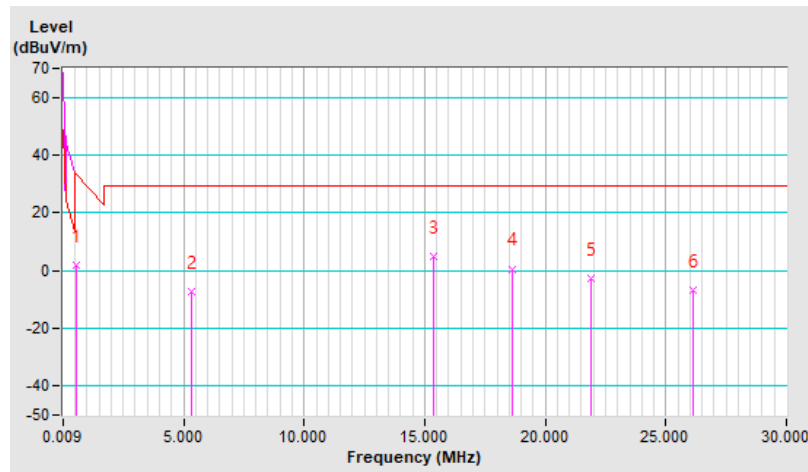


RF Mode	Standby		
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	0.5500	1.8 QP	32.8	-31.0	1.00	37	22.0	-20.2
2	5.3200	-7.1 QP	29.5	-36.6	1.00	118	12.6	-19.7
3	15.3900	4.7 QP	29.5	-24.8	1.00	102	23.5	-18.8
4	18.6300	0.6 QP	29.5	-28.9	1.00	73	18.4	-17.8
5	21.8700	-2.7 QP	29.5	-32.2	1.00	53	15.8	-18.5
6	26.1300	-6.7 QP	29.5	-36.2	1.00	183	11.6	-18.3

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

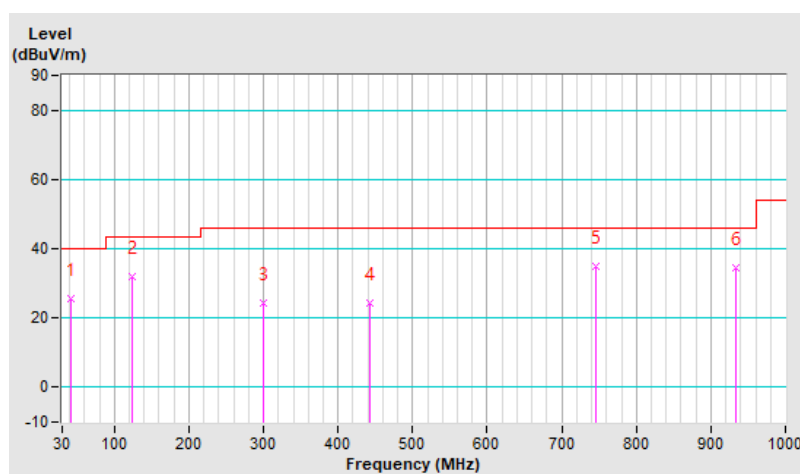
Mode A (Charging Mode)

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	22 °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	41.64	25.6 QP	40.0	-14.4	2.00 H	91	37.8	-12.2
2	123.12	32.1 QP	43.5	-11.4	1.00 H	54	46.2	-14.1
3	299.66	24.5 QP	46.0	-21.5	1.50 H	266	36.2	-11.7
4	442.25	24.5 QP	46.0	-21.5	1.00 H	127	32.3	-7.8
5	744.89	34.9 QP	46.0	-11.1	2.00 H	46	35.6	-0.7
6	933.07	34.4 QP	46.0	-11.6	1.50 H	203	33.7	0.7

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)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

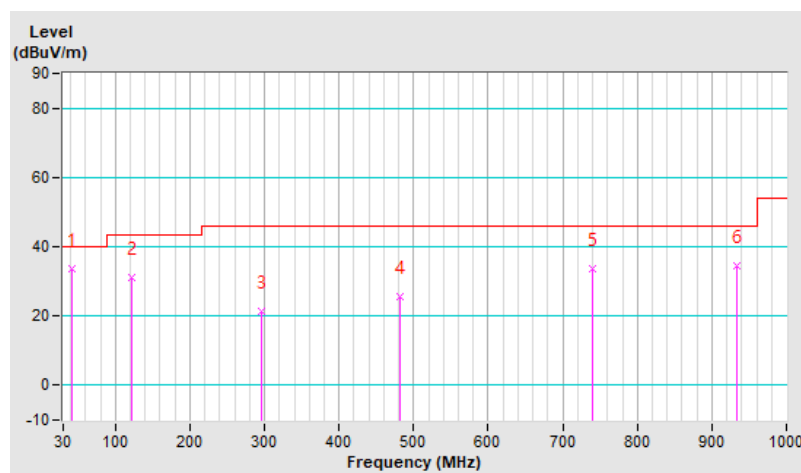


RF Mode	WPT	Channel	CH 1 : 360 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	41.64	33.6 QP	40.0	-6.4	1.00 V	2	45.8	-12.2
2	121.18	30.9 QP	43.5	-12.6	1.50 V	90	45.2	-14.3
3	296.75	21.5 QP	46.0	-24.5	1.00 V	110	33.3	-11.8
4	481.05	25.5 QP	46.0	-20.5	2.00 V	137	32.4	-6.9
5	740.04	33.6 QP	46.0	-12.4	1.00 V	359	34.6	-1.0
6	933.07	34.3 QP	46.0	-11.7	1.50 V	250	33.6	0.7

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)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



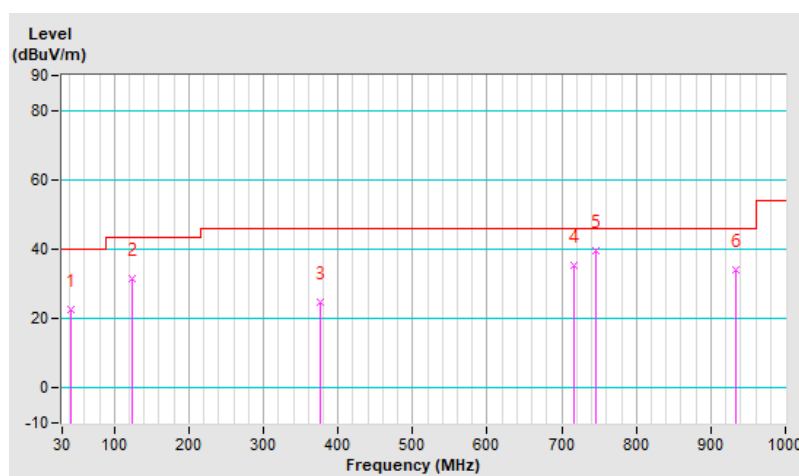
Mode B (Charging Mode)

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	22 °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	41.64	22.5 QP	40.0	-17.5	2.00 H	87	34.7	-12.2
2	123.12	31.5 QP	43.5	-12.0	1.00 H	64	45.6	-14.1
3	375.32	24.8 QP	46.0	-21.2	1.50 H	8	34.6	-9.8
4	715.79	35.3 QP	46.0	-10.7	2.00 H	279	37.5	-2.2
5	744.89	39.7 QP	46.0	-6.3	1.00 H	163	40.4	-0.7
6	933.07	34.1 QP	46.0	-11.9	1.50 H	74	33.4	0.7

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)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

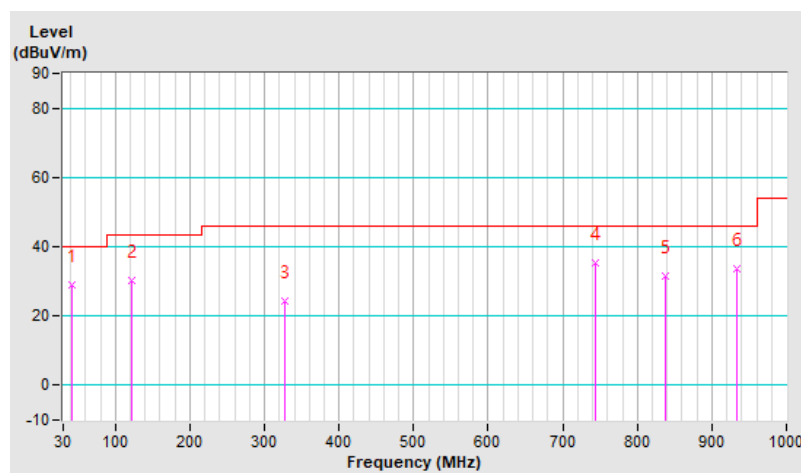


RF Mode	WPT	Channel	CH 2 : 127.7 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	42.61	29.1 QP	40.0	-10.9	1.00 V	117	41.2	-12.1
2	121.18	30.3 QP	43.5	-13.2	1.50 V	92	44.6	-14.3
3	327.79	24.3 QP	46.0	-21.7	1.00 V	206	35.0	-10.7
4	743.92	35.4 QP	46.0	-10.6	2.00 V	152	36.2	-0.8
5	838.01	31.4 QP	46.0	-14.6	1.00 V	230	31.4	0.0
6	933.07	33.5 QP	46.0	-12.5	1.50 V	10	32.8	0.7

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)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



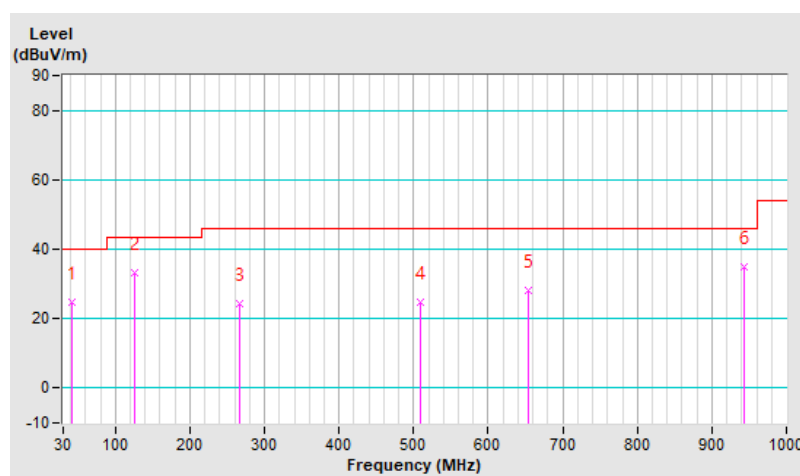
Mode C (Standby Mode)

RF Mode	Standby		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °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	41.64	24.7 QP	40.0	-15.3	2.00 H	87	36.9	-12.2
2	125.06	33.1 QP	43.5	-10.4	1.00 H	71	46.9	-13.8
3	265.71	24.4 QP	46.0	-21.6	1.50 H	212	37.2	-12.8
4	508.21	24.9 QP	46.0	-21.1	1.00 H	107	30.9	-6.0
5	653.71	28.0 QP	46.0	-18.0	2.00 H	176	31.4	-3.4
6	943.74	35.1 QP	46.0	-10.9	1.50 H	325	34.3	0.8

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)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

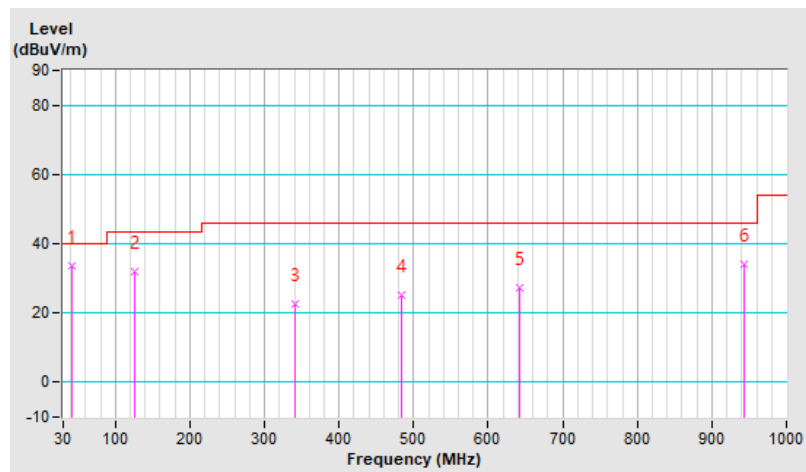


RF Mode	Standby		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 71% RH
Tested By	Vincent Chen		

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	42.61	33.5 QP	40.0	-6.5	1.00 V	2	45.6	-12.1
2	125.06	31.9 QP	43.5	-11.6	1.50 V	73	45.7	-13.8
3	341.37	22.7 QP	46.0	-23.3	2.00 V	307	33.5	-10.8
4	482.99	25.3 QP	46.0	-20.7	1.00 V	94	32.2	-6.9
5	643.04	27.3 QP	46.0	-18.7	1.50 V	74	30.9	-3.6
6	943.74	33.9 QP	46.0	-12.1	2.00 V	27	33.1	0.8

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)
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:

Lin Kou EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@bureauveritas.com

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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