

TEST REPORT

CERTIFICATE OF CONFORMITY

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

Report No.: RFBFPG-WTW-P25060640 R1

FCC ID: YOM-VSADC5978755

Product: Vscan Air Dual Charger

Brand: GE Healthcare or  **GE Healthcare**

Model No.: 5978755

Received Date: 2025/7/1

Test Date: 2025/9/18 ~ 2025/12/16

Issued Date: 2025/12/23

Applicant: GE HealthCare

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Bangalore 560066, India

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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FCC Registration / 198487 / TW2021

Designation Number:

Approved by:

Jeremy Lin

Date:

2025/12/23

Jeremy Lin / Project Engineer

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Prepared by : Jessica Cheng / Senior Specialist

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Report Format Version: 7.2.1

Reference No.: BFPG-WTW-P25060640

Cancels and replaces the report No.: RFBFPG-WTW-P25060640 dated 2025/10/31

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Release Control Record

Issue No.	Description	Date Issued
RFBFPG-WTW-P25060640	Original release.	2025/10/31
RFBFPG-WTW-P25060640 R1	Modify the operating frequency and perform a retest.	2025/12/23

1 Certificate

Product: Vscan Air Dual Charger

Brand: GE Healthcare or



GE HealthCare

Test Model: 5978755

Sample Status: Engineering sample

Applicant: GE HealthCare

Test Date: 2025/9/18 ~ 2025/12/16

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 -11.72 dB at 0.37293 MHz
15.209	Radiated Emissions below 30 MHz	Pass	Minimum passing margin is -20.5 dB at 0.5108 MHz
15.209	Radiated Emissions above 30 MHz	Pass	Minimum passing margin is -12.9 dB at 262.99 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:

Measurement	Specification	Expanded Uncertainty (k=2) (±)
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.9 dB
Radiated Emissions below 30 MHz	9 kHz ~ 30 MHz	2.55 dB
Radiated Emissions above 30 MHz	30 MHz ~ 1 GHz	5.77 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	Vscan Air Dual Charger
Brand	GE Healthcare or  GE HealthCare
Test Model	5978755
Status of EUT	Engineering sample
Power Supply Rating	100-240Vac,50/60Hz, 1.0A Max.
Modulation Type	FSK
Operating Frequency	111-148kHz, tested @ 127.7kHz.
Output Power (Field Strength)	-12.7dBuV/m (@300m) (AV)

Note:

1. 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

The antenna information is listed as below.

Antenna Type	Connector Type
Coil	none

* 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 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. For Unwanted Emission below 30 MHz has EUT(Coil 1) provide WPT(PTX) 5W function/ EUT(Coil 2) provide WPT(PTX) 5W function/ EUT(Coil 1) provide WPT(PTX) 5W function and EUT(Coil 2) provide WPT(PTX) 5W function mode. Pre-scan these modes and find the worst case as a representative test condition.
Worst Case:	1. For Unwanted Emission below 30 MHz EUT(Coil 1) provide WPT(PTX) 5W function / EUT(Coil 2) provide WPT(PTX) 5W function mode is the worst case.

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

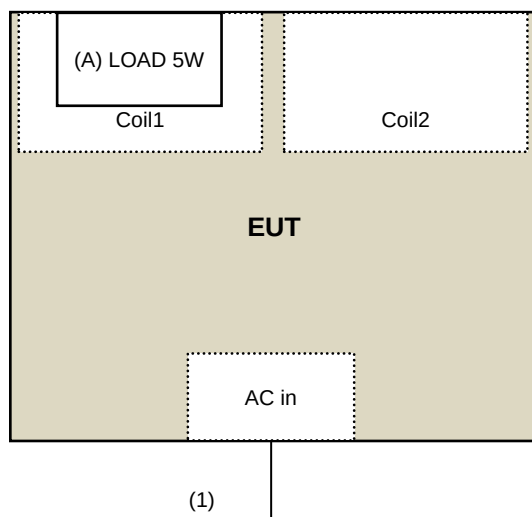
Test Item	EUT Configure Mode	Tested Frequency	Modulation
AC Power Conducted Emissions	A	127.7kHz	FSK
	B	127.7kHz	FSK
	C	127.7kHz	FSK
Radiated Emissions below 30 MHz	A	127.7kHz	FSK
	B	127.7kHz	FSK
Radiated Emissions above 30 MHz	A	127.7kHz	FSK
	B	127.7kHz	FSK
	C	127.7kHz	FSK
EUT Configure Mode:	A	EUT(Coil 1) provide WPT(PTX) 5W function	
	B	EUT(Coil 2) provide WPT(PTX) 5W function	
	C	EUT(Coil 1) provide WPT(PTX) 5W function +EUT(Coil 2) provide WPT(PTX) 5W function	
Note. For detailed configuration of system under test, please refer to Test Set Up Photos.			

3.4 Test Program Used and Operation Descriptions

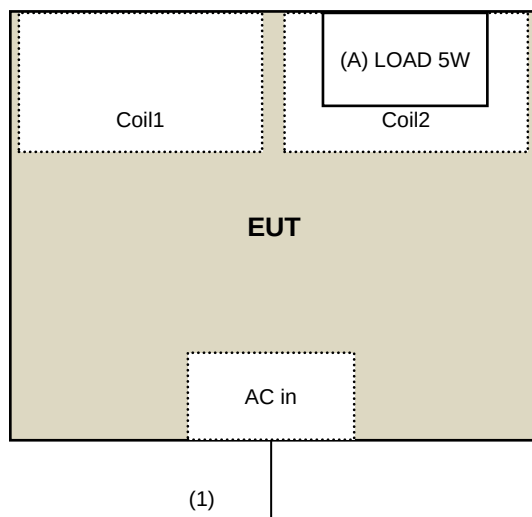
When testing in charging mode, simply use peripheral trigger testing. Just turn on the EUT power when testing in standby mode.

3.5 Connection Diagram of EUT and Peripheral Devices

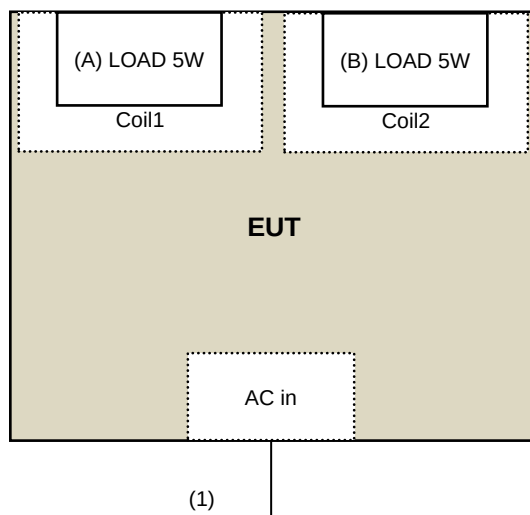
Mode A



Mode B



Mode C



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	LOAD 5W	N/A	N/A	N/A	N/A	Supplied by applicant
B	LOAD 5W	N/A	N/A	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	AC power cable	1	1.8	N	0	Provided by Lab

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 LYNICS	0900510	E1-011284	2025/9/18	2026/9/17
		E1-011285	2024/9/25	2025/9/24
DC LISN R&S	ESH3-Z6	100219	2025/7/10	2026/7/9
		844950/018	2025/7/10	2026/7/9
Diode Pulse Limiter Schwarzbeck	VTSD 9561 F-N	01631	2025/5/2	2026/5/1
EMI Test Receiver R&S	ESR3	102412	2024/12/26	2025/12/25
		102414	2024/12/11	2025/12/10
High Pass Filter EMCI	150HPF-ME	114005	2025/5/2	2026/5/1
		114006	2025/5/2	2026/5/1
	150HPF-MF	113009	2025/5/2	2026/5/1
High Voltage Probe Schwarzbeck	TK9420	00982	2024/12/6	2025/12/5
LISN R&S	ENV216	101195	2025/7/18	2026/7/17
		101196	2025/5/19	2026/5/18
		101197	2025/7/4	2026/7/3
LISN Schwarzbeck	NNLK 8121	8121-731	2025/6/10	2026/6/9
		8121-00759	2025/8/12	2026/8/11
		8121-808	2025/4/23	2026/4/22
	NNLK 8129	00624	2024/10/9	2025/10/8
		8129229	2024/10/14	2025/10/13
	NSLK 8128	8128-244	2024/11/11	2025/11/10
Passive Voltage Probe R&S	ESH2-Z3	100073	2025/5/26	2026/5/25
RF Coaxial Cable PEWC	5D-FB	Cable-CO5-01	2025/1/17	2026/1/16
Software BVADT	Cond_V7.4.1.0	N/A	N/A	N/A

Notes:

1. The test was performed in Linkou Conduction 5.
2. Tested Date: 2025/9/18

4.2 Radiated Emissions below 30 MHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXE EMI Receiver Agilent	N9038A	MY51210114	2025/2/10	2026/2/9
Radiating Loop Antenna TESEQ	RLA 6120-20	80002	2025/7/29	2026/7/28
RF Coaxial Cable Pacific	8D-FB	Cable-CH6-02	2025/6/24	2026/6/23
Signal Analyzer R&S	FSV40	101544	2025/7/1	2026/6/30
Software BVADT	Radiated_V7.7.1.1.1	N/A	N/A	N/A
Tower ADT	AT100	0306	N/A	N/A
Turn Table ADT	TT100	0306	N/A	N/A

Notes:

1. The test was performed in Linkou 966 Chamber 6 (CH 6).
2. Tested Date: 2025/12/15

4.3 Radiated Emissions above 30 MHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bi_Log Antenna Schwarzbeck	VULB 9168	137	2025/9/17	2026/9/16
Coupling / Decoupling Network Schwarzbeck	CDNE-M2	00097	2025/5/28	2026/5/27
	CDNE-M3	00091	2025/3/20	2026/3/19
MXE EMI Receiver Agilent	N9038A	MY51210114	2025/2/10	2026/2/9
Preamplifier Agilent	8447D	2944A11064	2025/2/14	2026/2/13
RF Coaxial Cable Pacific	8D-FB	Cable-CH6-02	2025/6/24	2026/6/23
Signal Analyzer R&S	FSV40	101544	2025/7/1	2026/6/30
Software BVADT	Radiated_V7.7.1.1.1	N/A	N/A	N/A
Tower ADT	AT100	0306	N/A	N/A
Turn Table ADT	TT100	0306	N/A	N/A

Notes:

1. The test was performed in Linkou 966 Chamber 6 (CH 6).
2. Tested Date: 2025/12/16

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

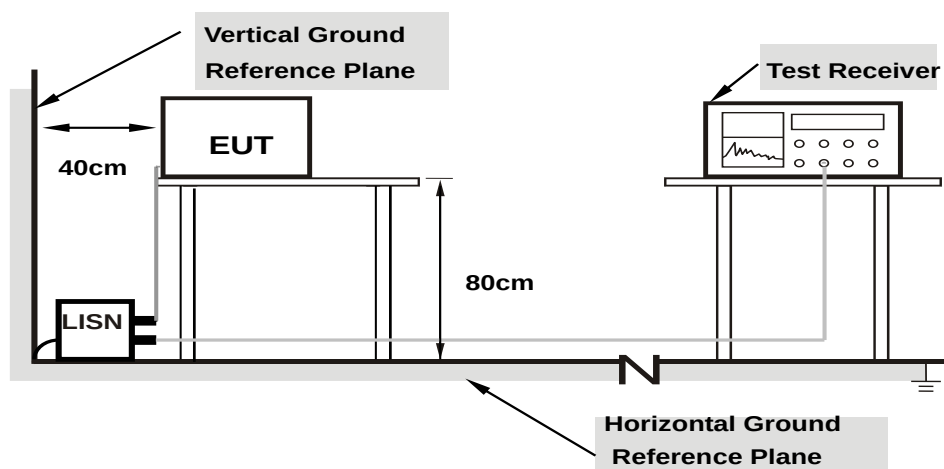
Notes:

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

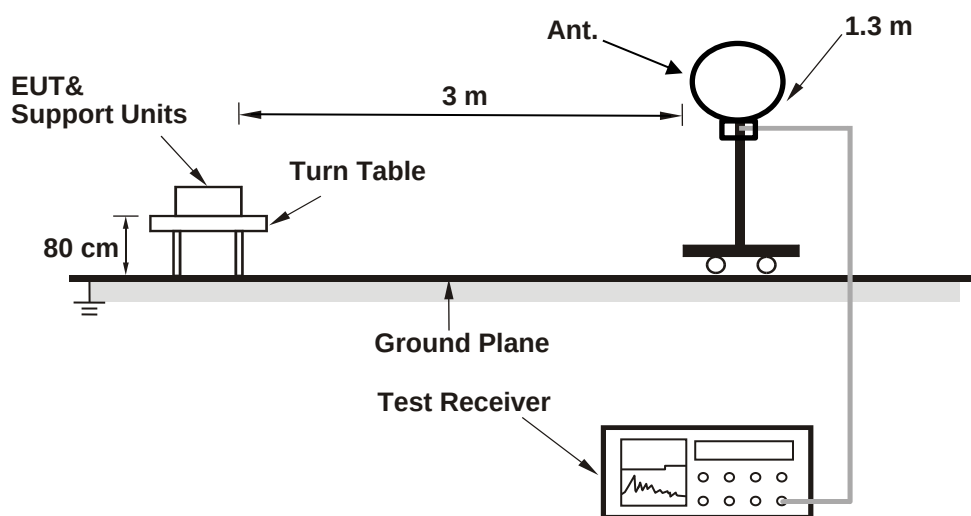
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The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

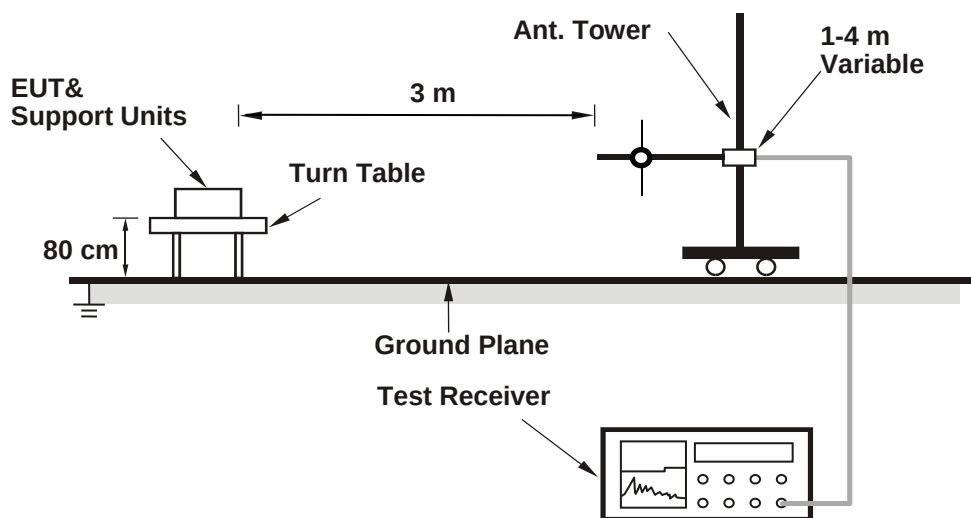
Notes:

- 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

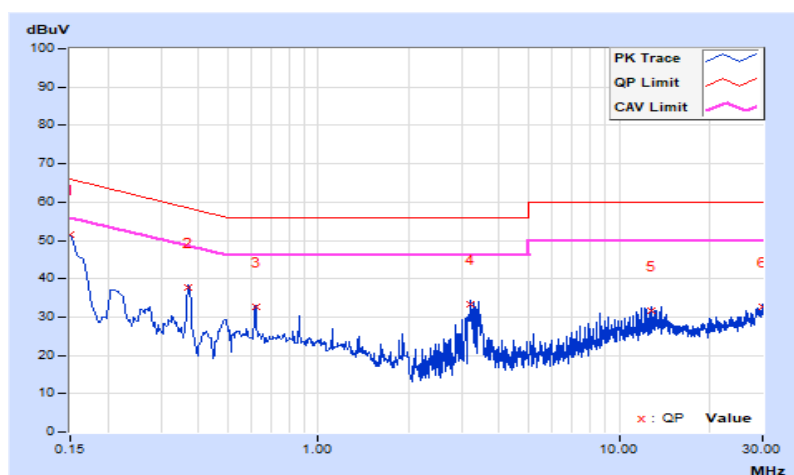
Mode A

RF Mode	WPT	Tested Frequency	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, 75% RH
Tested By	Jed Wu		

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	0.15000	10.32	41.34	31.72	51.66	42.04	66.00	56.00	-14.34	-13.96
2	0.36902	10.40	27.17	23.04	37.57	33.44	58.52	48.52	-20.95	-15.08
3	0.62124	10.44	22.28	20.27	32.72	30.71	56.00	46.00	-23.28	-15.29
4	3.21241	10.65	22.56	10.42	33.21	21.07	56.00	46.00	-22.79	-24.93
5	12.87284	11.10	20.40	16.00	31.50	27.10	60.00	50.00	-28.50	-22.90
6	29.87005	11.27	21.23	16.12	32.50	27.39	60.00	50.00	-27.50	-22.61

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

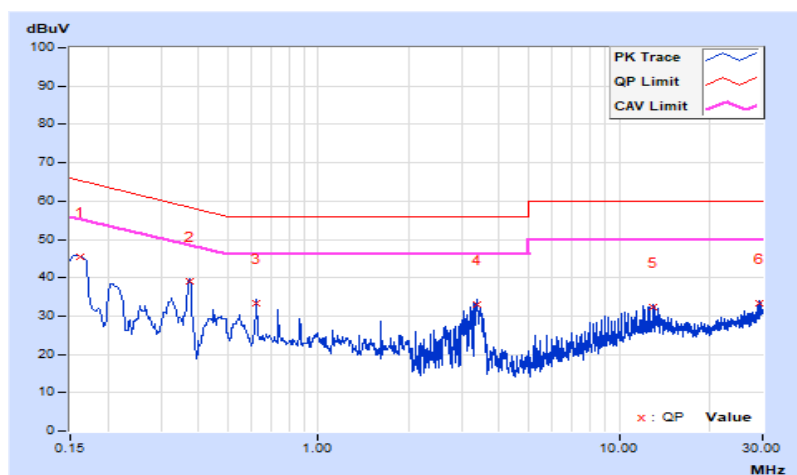


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.16173	10.41	35.16	27.24	45.57	37.65	65.37	55.37	-19.80	-17.72
2	0.37293	10.43	28.56	26.29	38.99	36.72	58.44	48.44	-19.45	-11.72
3	0.62124	10.44	22.88	19.90	33.32	30.34	56.00	46.00	-22.68	-15.66
4	3.35712	10.63	22.37	11.11	33.00	21.74	56.00	46.00	-23.00	-24.26
5	12.94715	11.12	21.09	14.44	32.21	25.56	60.00	50.00	-27.79	-24.44
6	29.25602	11.25	22.25	15.69	33.50	26.94	60.00	50.00	-26.50	-23.06

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



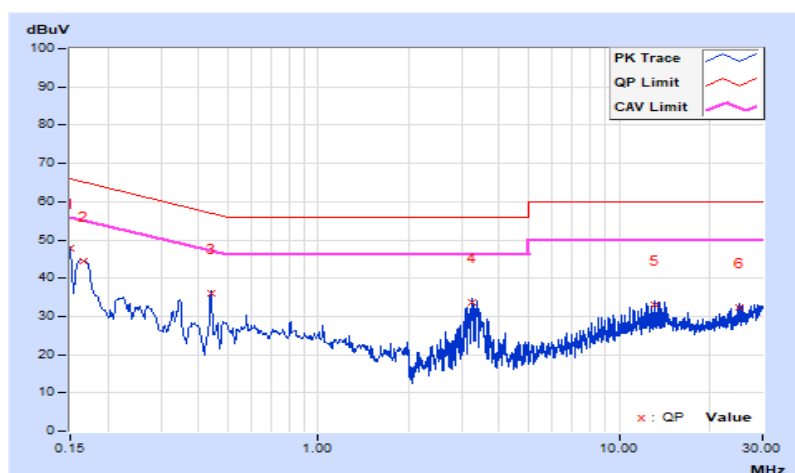
Mode B

RF Mode	WPT	Tested Frequency	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, 75% RH
Tested By	Jed Wu		

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	0.15000	10.32	37.52	28.80	47.84	39.12	66.00	56.00	-18.16	-16.88
2	0.16564	10.32	34.06	23.92	44.38	34.24	65.18	55.18	-20.80	-20.94
3	0.43941	10.41	25.63	18.81	36.04	29.22	57.07	47.07	-21.03	-17.85
4	3.23979	10.66	22.89	11.86	33.55	22.52	56.00	46.00	-22.45	-23.48
5	13.20137	11.11	21.79	15.84	32.90	26.95	60.00	50.00	-27.10	-23.05
6	25.24334	11.27	21.04	15.78	32.31	27.05	60.00	50.00	-27.69	-22.95

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

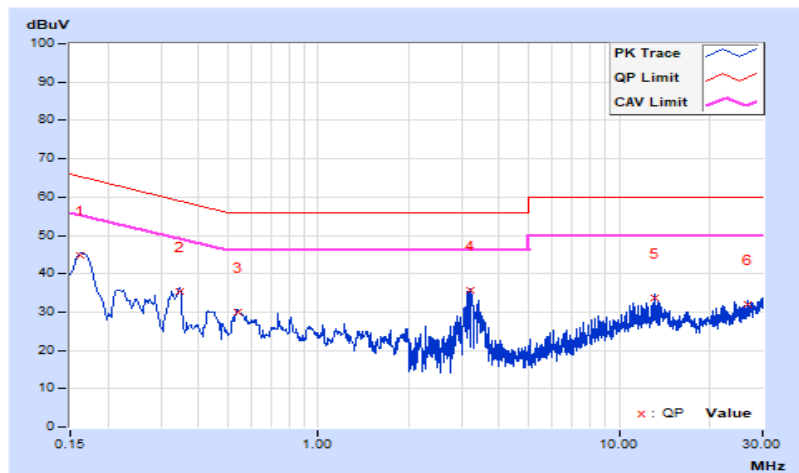


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.16096	10.41	34.34	24.27	44.75	34.68	65.41	55.41	-20.66	-20.73
2	0.34555	10.42	24.86	21.16	35.28	31.58	59.07	49.07	-23.79	-17.49
3	0.53911	10.43	19.63	9.85	30.06	20.28	56.00	46.00	-25.94	-25.72
4	3.22023	10.62	24.96	12.58	35.58	23.20	56.00	46.00	-20.42	-22.80
5	13.19746	11.13	22.42	17.46	33.55	28.59	60.00	50.00	-26.45	-21.41
6	26.61610	11.26	20.69	15.13	31.95	26.39	60.00	50.00	-28.05	-23.61

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



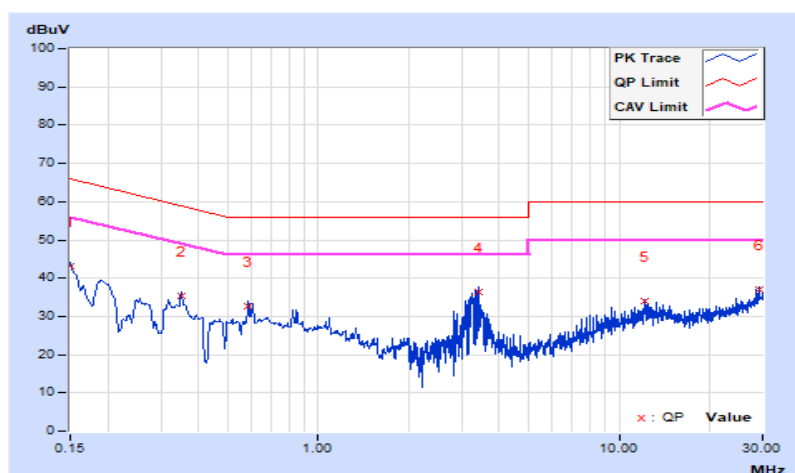
Mode C

RF Mode	WPT	Tested Frequency	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, 75% RH
Tested By	Jed Wu		

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	0.15000	10.32	32.63	12.72	42.95	23.04	66.00	56.00	-23.05	-32.96
2	0.35112	10.39	24.92	23.53	35.31	33.92	58.94	48.94	-23.63	-15.02
3	0.58604	10.43	22.13	19.33	32.56	29.76	56.00	46.00	-23.44	-16.24
4	3.40014	10.66	25.83	11.76	36.49	22.42	56.00	46.00	-19.51	-23.58
5	12.21188	11.09	22.80	18.39	33.89	29.48	60.00	50.00	-26.11	-20.52
6	29.23256	11.27	25.82	20.05	37.09	31.32	60.00	50.00	-22.91	-18.68

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

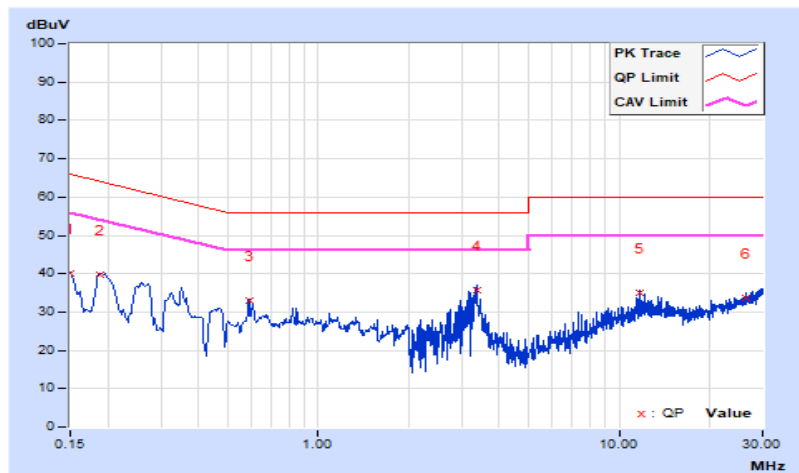


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.15000	10.41	29.64	11.39	40.05	21.80	66.00	56.00	-25.95	-34.20
2	0.18754	10.41	29.28	14.12	39.69	24.53	64.14	54.14	-24.45	-29.61
3	0.58849	10.44	22.62	19.78	33.06	30.22	56.00	46.00	-22.94	-15.78
4	3.35712	10.63	24.98	9.00	35.61	19.63	56.00	46.00	-20.39	-26.37
5	11.74648	11.09	23.91	17.75	35.00	28.84	60.00	50.00	-25.00	-21.16
6	26.33451	11.26	22.43	17.19	33.69	28.45	60.00	50.00	-26.31	-21.55

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



7.2 Radiated Emissions below 30 MHz

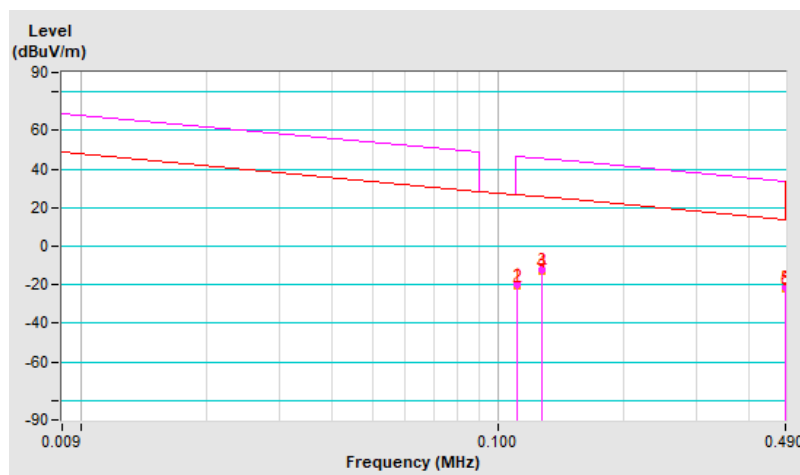
Mode A

RF Mode	WPT	Tested Frequency	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	25 °C, 75% RH
Tested By	Jed Wu		

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	0.1113	-19.5 PK	46.7	-66.2	1.00	124	36.6	-56.1
2	0.1113	-20.3 AV	26.7	-47.0	1.00	124	35.8	-56.1
3	*0.1277	-12.0 PK	45.5	-57.5	1.00	306	44.0	-56.0
4	*0.1277	-12.8 AV	25.5	-38.3	1.00	306	43.2	-56.0
5	0.4890	-21.3 PK	33.8	-55.1	1.00	203	34.2	-55.5
6	0.4890	-22.1 AV	13.8	-35.9	1.00	203	33.4	-55.5

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. " * " : 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

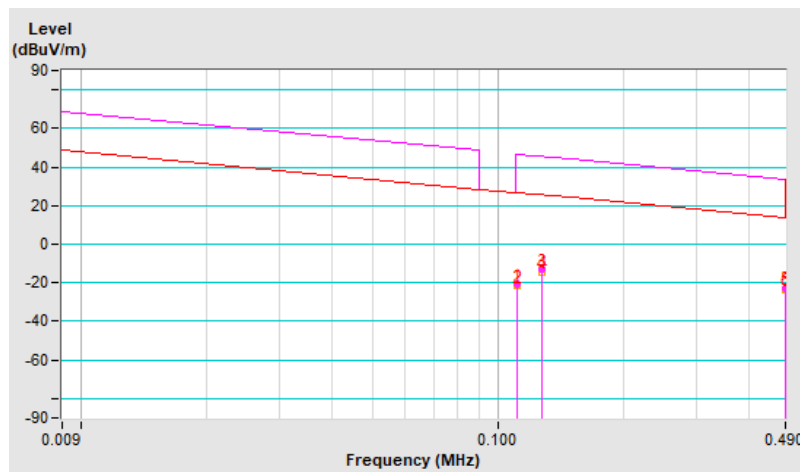


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.1113	-20.7 PK	46.7	-67.4	1.00	196	35.4	-56.1
2	0.1113	-21.5 AV	26.7	-48.2	1.00	196	34.6	-56.1
3	*0.1277	-13.2 PK	45.5	-58.7	1.00	87	42.8	-56.0
4	*0.1277	-14.4 AV	25.5	-39.9	1.00	87	41.6	-56.0
5	0.4890	-22.5 PK	33.8	-56.3	1.00	53	33.0	-55.5
6	0.4890	-23.3 AV	13.8	-37.1	1.00	53	32.2	-55.5

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. " * ": 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

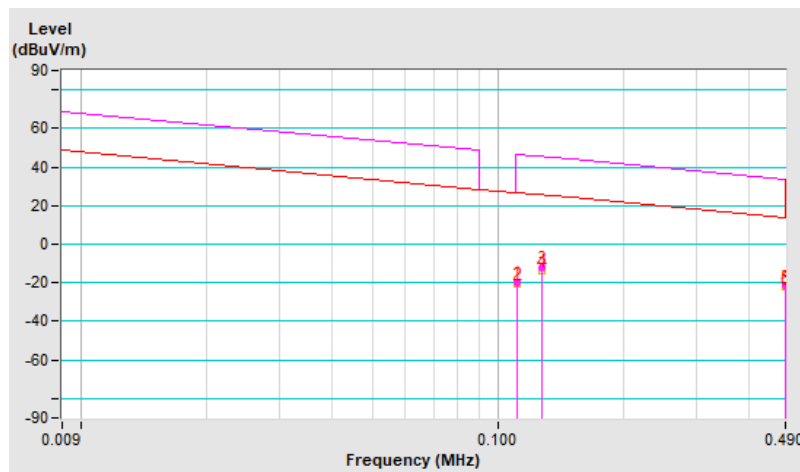


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.1113	-19.7 PK	46.7	-66.4	1.00	167	36.4	-56.1
2	0.1113	-20.5 AV	26.7	-47.2	1.00	167	35.6	-56.1
3	*0.1277	-12.2 PK	45.5	-57.7	1.00	213	43.8	-56.0
4	*0.1277	-13.4 AV	25.5	-38.9	1.00	213	42.6	-56.0
5	0.4890	-21.5 PK	33.8	-55.3	1.00	195	34.0	-55.5
6	0.4890	-22.3 AV	13.8	-36.1	1.00	195	33.2	-55.5

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. " * ": 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



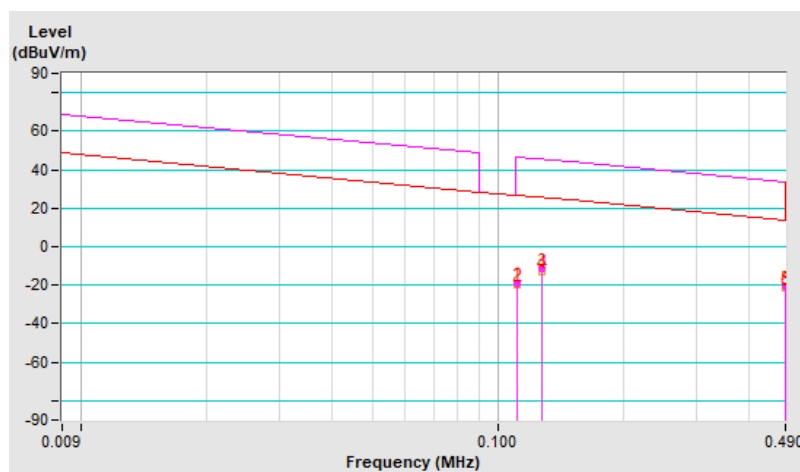
Mode B

RF Mode	WPT	Tested Frequency	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	25 °C, 75% RH
Tested By	Jed Wu		

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	0.1113	-19.0 PK	46.7	-65.7	1.00	189	37.1	-56.1
2	0.1113	-19.8 AV	26.7	-46.5	1.00	189	36.3	-56.1
3	*0.1277	-11.5 PK	45.5	-57.0	1.00	332	44.5	-56.0
4	*0.1277	-12.7 AV	25.5	-38.2	1.00	332	43.3	-56.0
5	0.4890	-20.8 PK	33.8	-54.6	1.00	151	34.7	-55.5
6	0.4890	-21.6 AV	13.8	-35.4	1.00	151	33.9	-55.5

Remarks:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
- Margin value = Emission Level – Limit value
- The other emission levels were very low against the limit.
- " * " : Fundamental frequency.
- 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

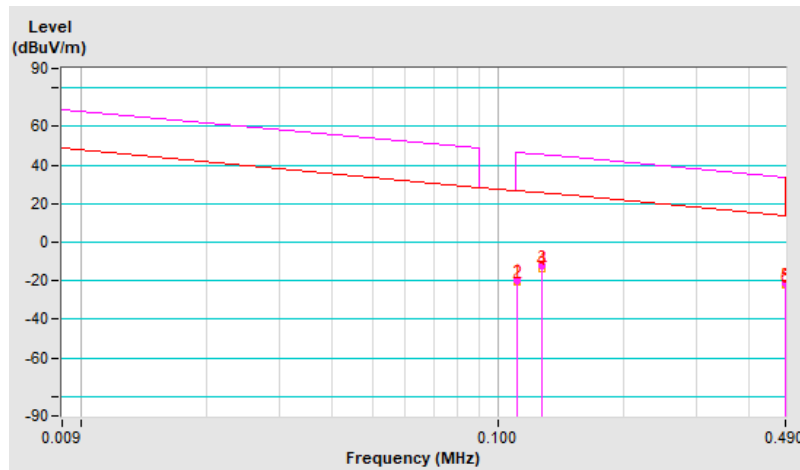


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.1113	-19.7 PK	46.7	-66.4	1.00	54	36.4	-56.1
2	0.1113	-20.5 AV	26.7	-47.2	1.00	54	35.6	-56.1
3	*0.1277	-12.3 PK	45.5	-57.8	1.00	258	43.7	-56.0
4	*0.1277	-13.5 AV	25.5	-39.0	1.00	258	42.5	-56.0
5	0.4890	-21.5 PK	33.8	-55.3	1.00	128	34.0	-55.5
6	0.4890	-22.3 AV	13.8	-36.1	1.00	128	33.2	-55.5

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. " * ": 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

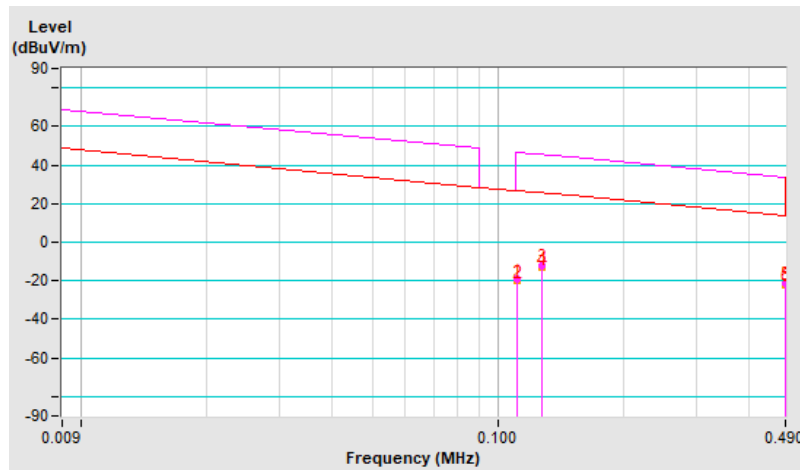


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.1113	-19.4 PK	46.7	-66.1	1.00	174	36.7	-56.1
2	0.1113	-20.2 AV	26.7	-46.9	1.00	174	35.9	-56.1
3	*0.1277	-12.0 PK	45.5	-57.5	1.00	256	44.0	-56.0
4	*0.1277	-13.2 AV	25.5	-38.7	1.00	256	42.8	-56.0
5	0.4890	-21.2 PK	33.8	-55.0	1.00	138	34.3	-55.5
6	0.4890	-22.0 AV	13.8	-35.8	1.00	138	33.5	-55.5

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. " * ": 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



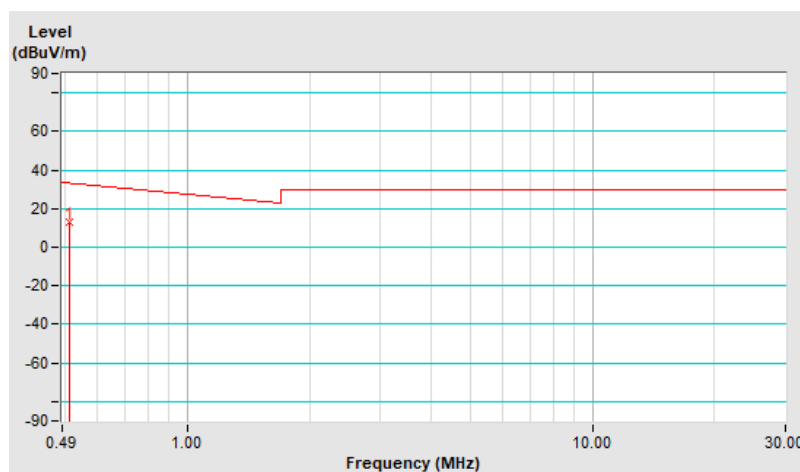
Mode A

RF Mode	WPT	Tested Frequency	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	25 °C, 75% RH
Tested By	Jed Wu		

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	0.5108	12.9 QP	33.4	-20.5	1.00	240	28.4	-15.5

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

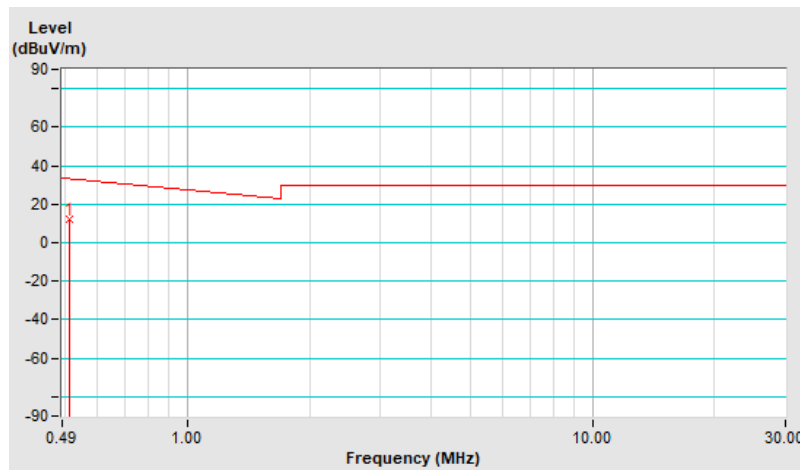


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.5108	12.3 QP	33.4	-21.1	1.00	116	27.8	-15.5

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

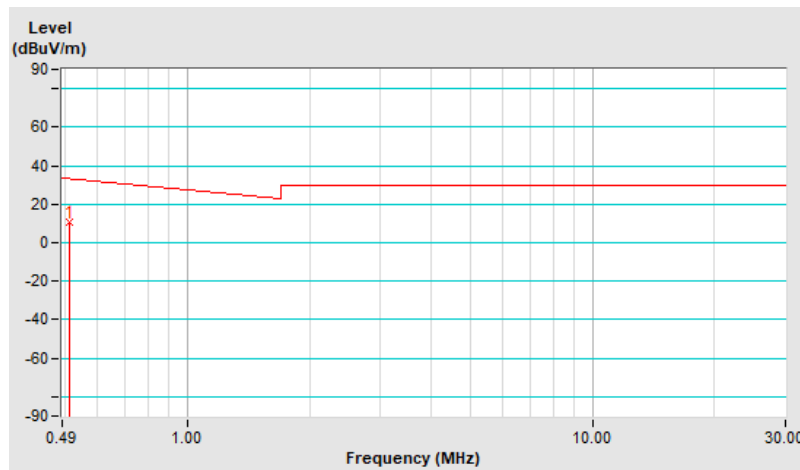


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.5108	10.7 QP	33.4	-22.7	1.00	282	26.2	-15.5

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



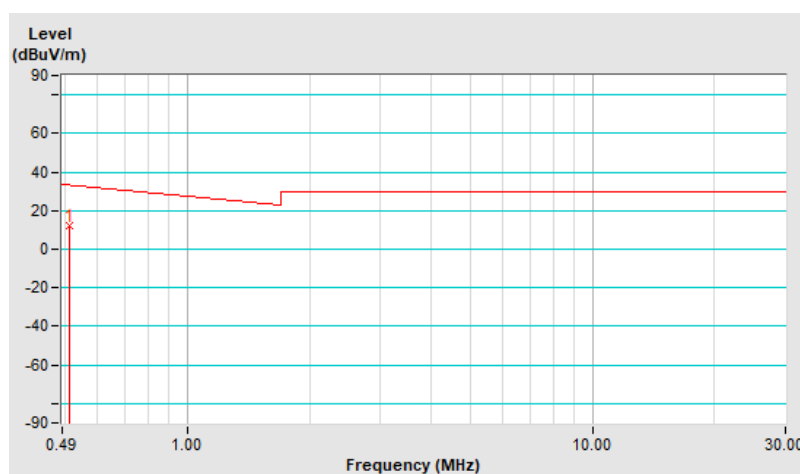
Mode B

RF Mode	WPT	Tested Frequency	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	25 °C, 75% RH
Tested By	Jed Wu		

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	0.5108	12.4 QP	33.4	-21.0	1.00	58	27.9	-15.5

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

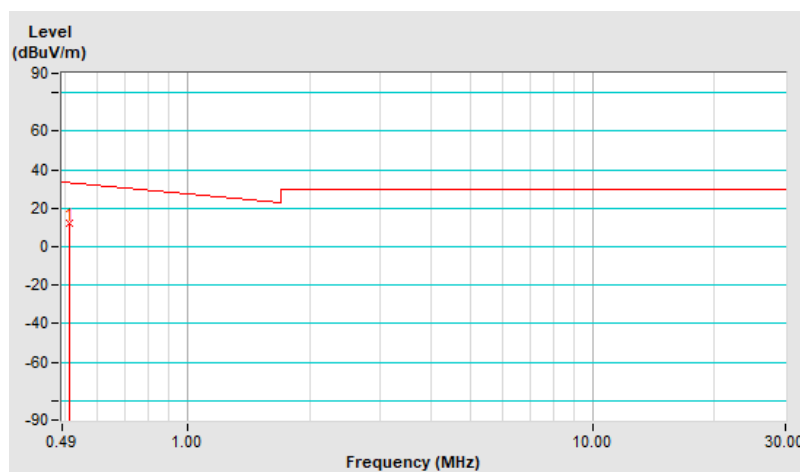


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.5108	12.1 QP	33.4	-21.3	1.00	318	27.6	-15.5

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

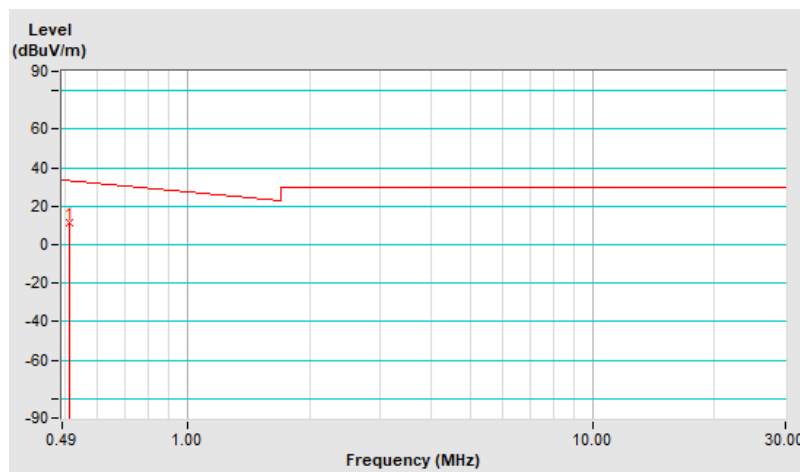


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.5108	11.1 QP	33.4	-22.3	1.00	204	26.6	-15.5

Remarks:

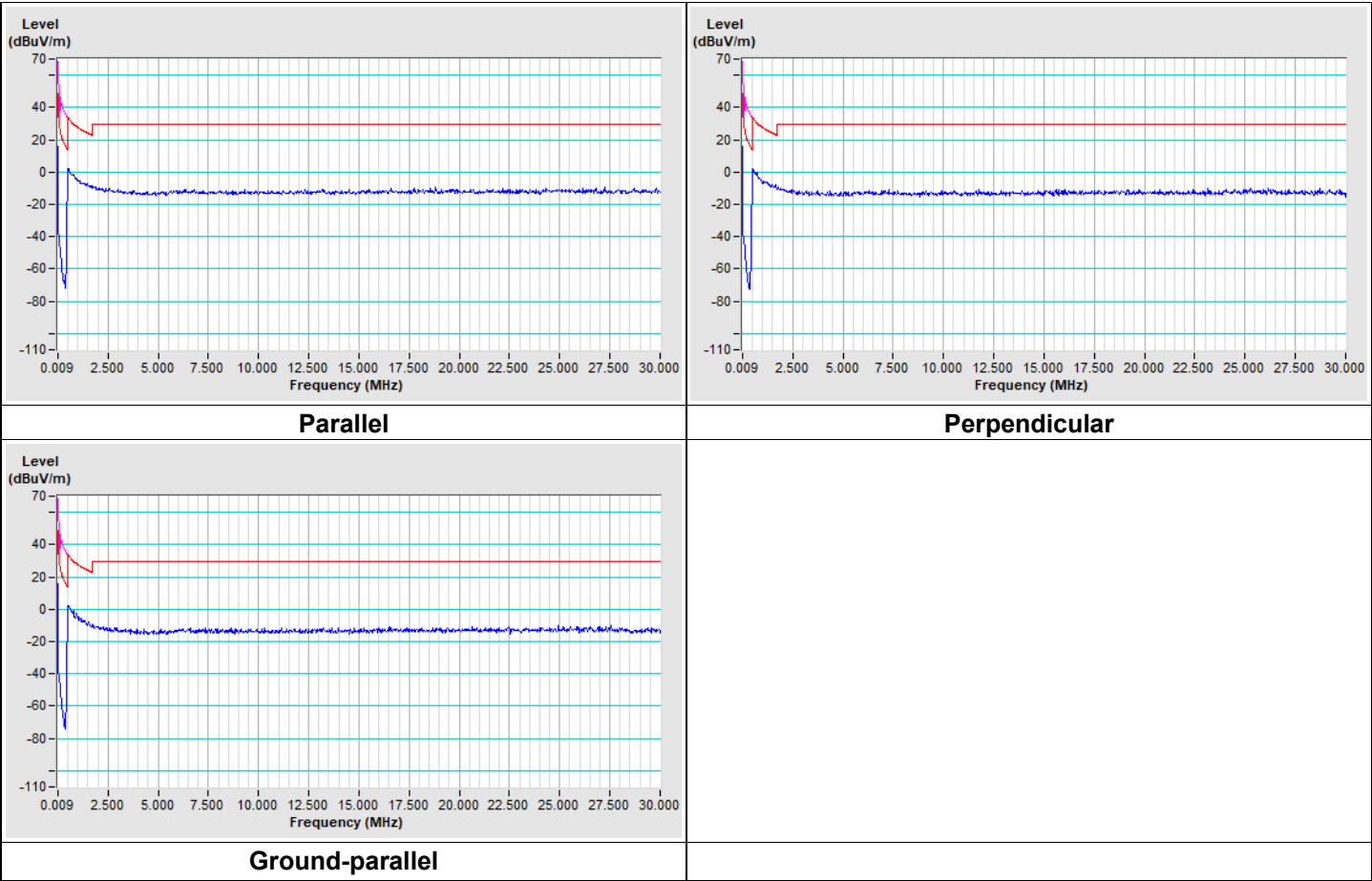
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test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



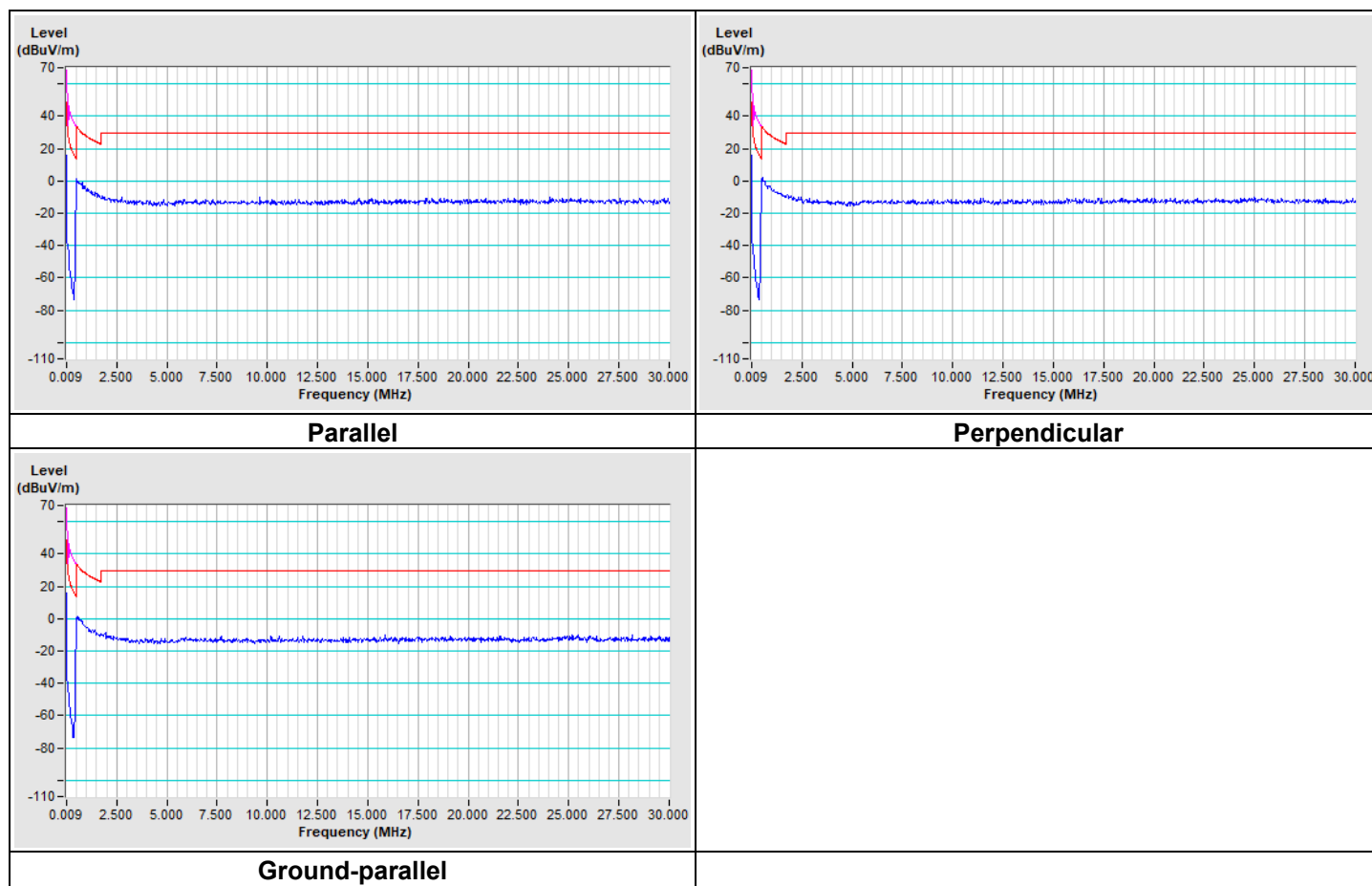
Plot of Other Emission

Frequency Range	9 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP), 9 kHz
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Mode A



Mode B



7.3 Radiated Emissions above 30 MHz

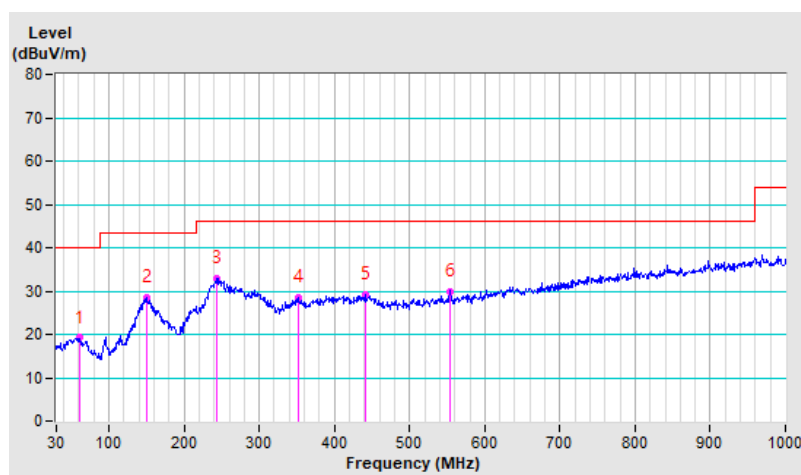
Mode A

RF Mode	WPT	Tested Frequency	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	25 °C, 75% RH
Tested By	Jed Wu		

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	60.70	19.2 QP	40.0	-20.8	1.65 H	258	28.5	-9.3
2	150.76	28.5 QP	43.5	-15.0	1.35 H	264	36.5	-8.0
3	244.18	32.9 QP	46.0	-13.1	1.48 H	148	41.1	-8.2
4	351.56	28.4 QP	46.0	-17.6	1.72 H	68	33.1	-4.7
5	440.94	29.1 QP	46.0	-16.9	1.95 H	128	31.5	-2.4
6	553.80	30.0 QP	46.0	-16.0	1.23 H	178	30.5	-0.5

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

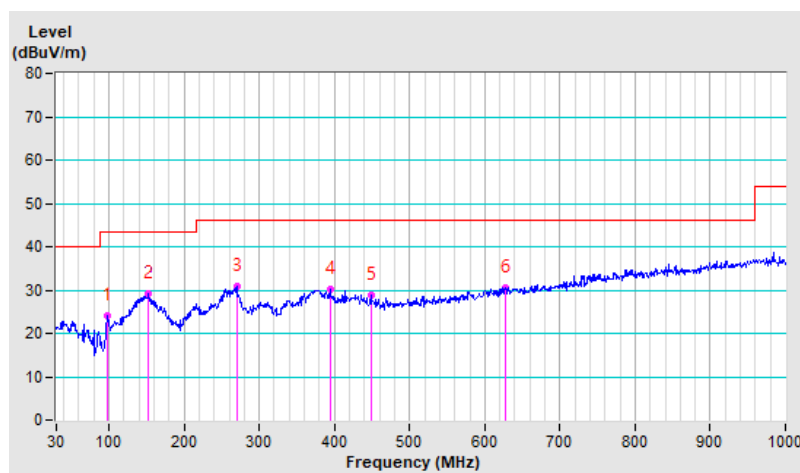


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	98.72	24.0 QP	43.5	-19.5	1.14 V	237	37.0	-13.0
2	152.95	29.2 QP	43.5	-14.3	1.24 V	106	37.2	-8.0
3	270.22	30.8 QP	46.0	-15.2	1.37 V	108	37.5	-6.7
4	394.38	30.1 QP	46.0	-15.9	1.69 V	155	33.8	-3.7
5	448.07	28.9 QP	46.0	-17.1	1.85 V	162	31.2	-2.3
6	627.13	30.5 QP	46.0	-15.5	1.72 V	360	28.6	1.9

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



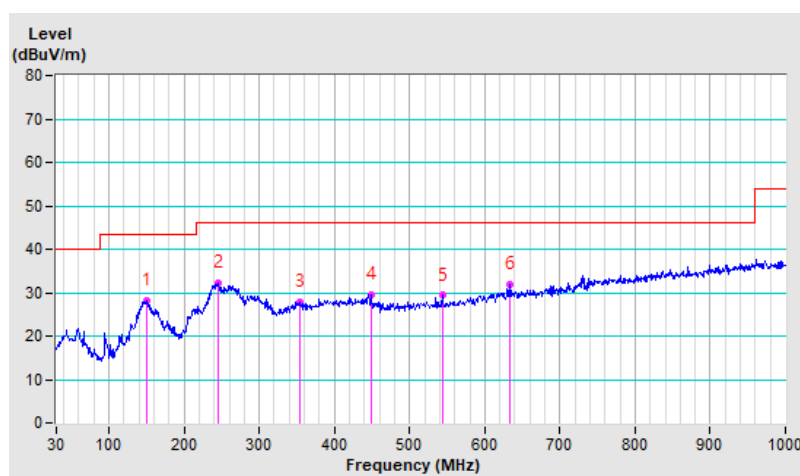
Mode B

RF Mode	WPT	Tested Frequency	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	25 °C, 75% RH
Tested By	Jed Wu		

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	150.28	28.3 QP	43.5	-15.2	1.39 H	285	36.3	-8.0
2	245.10	32.2 QP	46.0	-13.8	1.26 H	14	40.3	-8.1
3	353.79	27.9 QP	46.0	-18.1	1.48 H	238	32.5	-4.6
4	448.12	29.5 QP	46.0	-16.5	1.70 H	150	31.8	-2.3
5	543.28	29.4 QP	46.0	-16.6	1.82 H	148	30.1	-0.7
6	633.10	31.8 QP	46.0	-14.2	1.94 H	170	29.8	2.0

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.

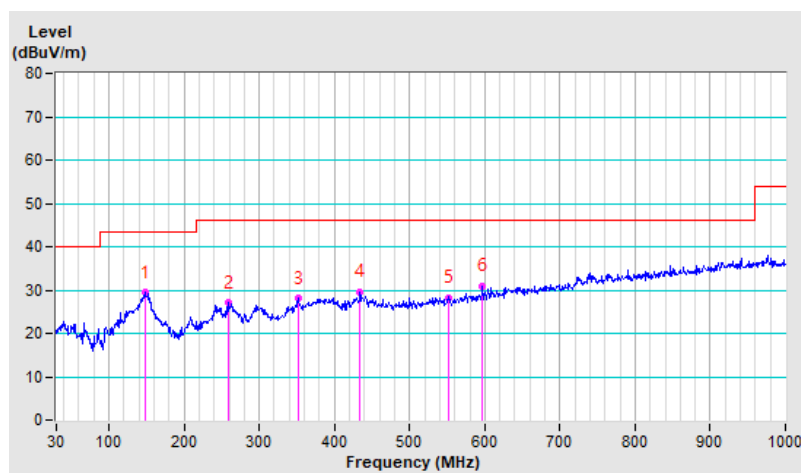


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	148.53	29.4 QP	43.5	-14.1	1.65 V	106	37.4	-8.0
2	258.10	27.0 QP	46.0	-19.0	1.23 V	256	34.4	-7.4
3	351.99	28.0 QP	46.0	-18.0	1.17 V	194	32.7	-4.7
4	433.86	29.5 QP	46.0	-16.5	1.43 V	186	32.0	-2.5
5	551.13	28.3 QP	46.0	-17.7	1.89 V	111	28.9	-0.6
6	596.72	30.9 QP	46.0	-15.1	1.48 V	90	29.8	1.1

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.



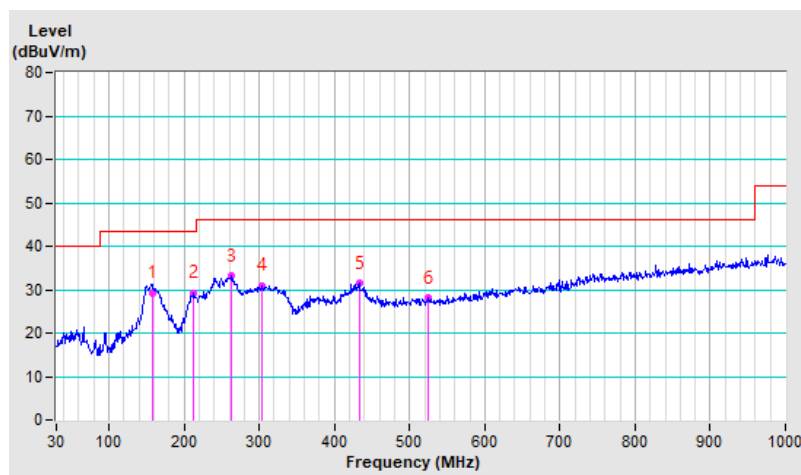
Mode C

RF Mode	WPT	Tested Frequency	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	25 °C, 75% RH
Tested By	Jed Wu		

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	157.07	29.1 QP	43.5	-14.4	1.26 H	269	37.0	-7.9
2	212.75	29.2 QP	43.5	-14.3	1.30 H	138	39.3	-10.1
3	262.99	33.1 QP	46.0	-12.9	1.48 H	126	40.2	-7.1
4	303.88	30.9 QP	46.0	-15.1	1.56 H	219	36.4	-5.5
5	432.65	31.4 QP	46.0	-14.6	1.69 H	128	34.0	-2.6
6	524.36	28.0 QP	46.0	-18.0	1.17 H	150	29.0	-1.0

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.

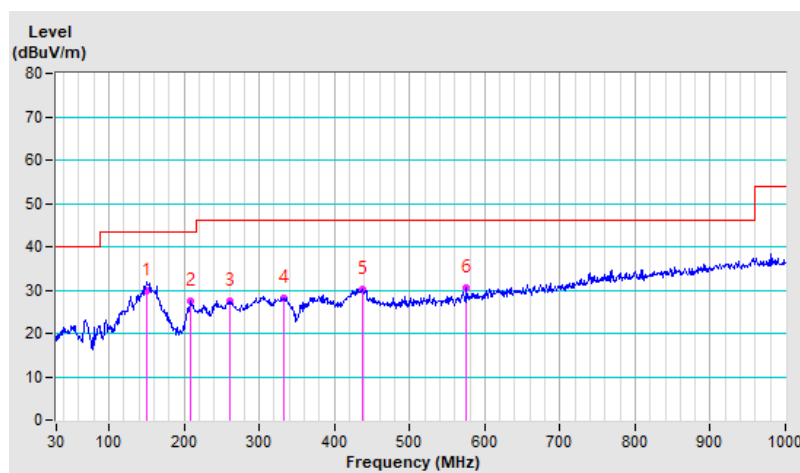


RF Mode	WPT	Tested Frequency	127.7 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	150.38	29.8 QP	43.5	-13.7	1.88 V	44	37.8	-8.0
2	208.97	27.4 QP	43.5	-16.1	1.75 V	349	37.7	-10.3
3	260.28	27.5 QP	46.0	-18.5	1.43 V	274	34.8	-7.3
4	331.86	28.1 QP	46.0	-17.9	1.63 V	297	32.8	-4.7
5	436.96	30.3 QP	46.0	-15.7	1.52 V	184	32.8	-2.5
6	575.67	30.5 QP	46.0	-15.5	1.29 V	179	30.1	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.



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.

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

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