

TEST REPORT

CERTIFICATE OF CONFORMITY

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

Report No.: RFBGWF-WTW-P26010036 R1

FCC ID: 2AD37JUPW1125

Product: 25W Qi2.2 Active-Cool Wireless Charging Pad with Magnetic Stand

Brand: j5create

Model No.: JUPW1125

Received Date: 2026/1/5

Test Date: 2026/2/3 ~ 2026/2/4 & 2026/6/18

Issued Date: 2026/6/18

Applicant: KAIJET TECHNOLOGY INTERNATIONAL CORPORATION

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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Test Location: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

FCC Registration / 198487 / TW2021

Designation Number:

Approved by: _____

Jeremy Lin

Jeremy Lin / Project Engineer

, Date: _____

2026/6/18

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Prepared by : Annie Chang / Senior Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFBGWF-WTW-P26010036	Original release.	2026/6/9
RFBGWF-WTW-P26010036 R1	Addition of 20dB test data.	2026/6/18

1 Certificate

Product: 25W Qi2.2 Active-Cool Wireless Charging Pad with Magnetic Stand

Brand: j5create

Test Model: JUPW1125

Sample Status: Engineering sample

Applicant: KAIJET TECHNOLOGY INTERNATIONAL CORPORATION

Test Date: 2026/2/3 ~ 2026/2/4 & 2026/6/18

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 -9.41 dB at 29.77175 MHz
15.209	Radiated Emissions below 30 MHz	Pass	Minimum passing margin is -18.7 dB at 0.7200 MHz
15.209	Radiated Emissions above 30 MHz	Pass	Minimum passing margin is -8.9 dB at 30.10 MHz
15.215 (c)	20 dB Bandwidth	Pass	Reference only

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

2.1 Measurement Uncertainty

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

Parameter	Specification	Expanded Uncertainty (k=2) (±)
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.78 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
20 dB Bandwidth	-	960 Hz

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	25W Qi2.2 Active-Cool Wireless Charging Pad with Magnetic Stand
Brand	j5create
Test Model	JUPW1125
Status of EUT	Engineering sample
Power Supply Rating	Refer to note as below
Modulation Type	FSK
Operating Frequency	111~148kHz / 360kHz
Output Power (Field Strength)	135 kHz (5W): -21.7 dBuV/m (AV) at 300 meters 128 kHz (7.5W): -21.1 dBuV/m (AV) at 300 meters 360 kHz (25W): -17.7 dBuV/m (AV) at 300 meters

Note:

1. The EUT is a 25W Qi2.2 Active-Cool Wireless Charging Pad with Magnetic Stand with the rating as follows:

Specification	
Input	5V=3A, 9V=3A, 12V=3A, 15V=2.5A *Compatible with PD 2.0 / PD 3.0 / QC™ 3.0
Output	-Magnetic wireless charging: 25W / 15W / 7.5W / 5W *Output: Compatible with Qi™, MagSafe®, Qi2™, Qi2.2™

2. The EUT uses following accessories.

Item	Brand	Model	Specification
C to C Cable	MCT	5CU10180000001	Shielded 1.8m
Magnetic Base	MCT	2TW1125C408101	62.5*57.6*6.8mm

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

3.2 Antenna Description of EUT

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 Channel List

3 channels are provided to this EUT:

Channel	Frequency
1	111~148kHz@135kHz
2	111~148kHz@128kHz
3	360kHz

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. 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 128 kHz~360 kHz . Pre-scan following modes,frequencies and find the worst case as a representative test condition (1)EUT with USB-C cable(Adapter) ,and provide WPT(PTX) 5W function (2)EUT with USB-C cable(Adapter) ,and provide WPT(PTX) 7.5W function (3)EUT with USB-C cable(Adapter) ,and provide WPT(PTX) 15W function (4)EUT with USB-C cable(Adapter) ,and provide WPT(PTX) 25W function (5)EUT with USB-C cable(Adapter) ,and provide WPT(Standby) function (6)EUT with USB-C cable(Laptop) ,and provide WPT(PTX) 5W function
Worst Case:	1. X-axis/ Y-axis/ Z-axis Worst Condition: X-axis. 2. For Radiated Emission 9KHz-1GHz: (1), (2), (4)mode is the worst mode. For AC Power Conducted Emissions: (4), (6)mode is the worst mode.

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

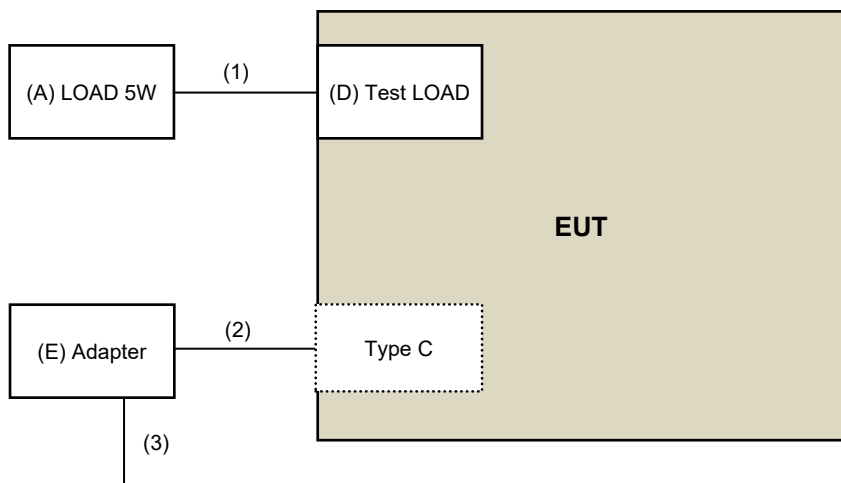
Test Item	EUT Configure Mode	Tested Frequency	Modulation
AC Power Conducted Emissions	C	360KHz	FSK
	D	135KHz	FSK
Radiated Emissions below 30 MHz	A	135KHz	FSK
	B	128KHz	FSK
	C	360KHz	FSK
Radiated Emissions above 30 MHz	A	135KHz	FSK
	B	128KHz	FSK
	C	360KHz	FSK
20 dB Bandwidth	A	135KHz	FSK
	B	128KHz	FSK
	C	360KHz	FSK
EUT Configure Mode:	A	EUT with USB-C cable(Adapter) ,and provide WPT(PTX) 5W function	
	B	EUT with USB-C cable(Adapter) ,and provide WPT(PTX) 7.5W function	
	C	EUT with USB-C cable(Adapter) ,and provide WPT(PTX) 25W function	
	D	EUT with USB-C cable(Laptop) ,and provide WPT(PTX) 5W function	

3.5 Test Program Used and Operation Descriptions

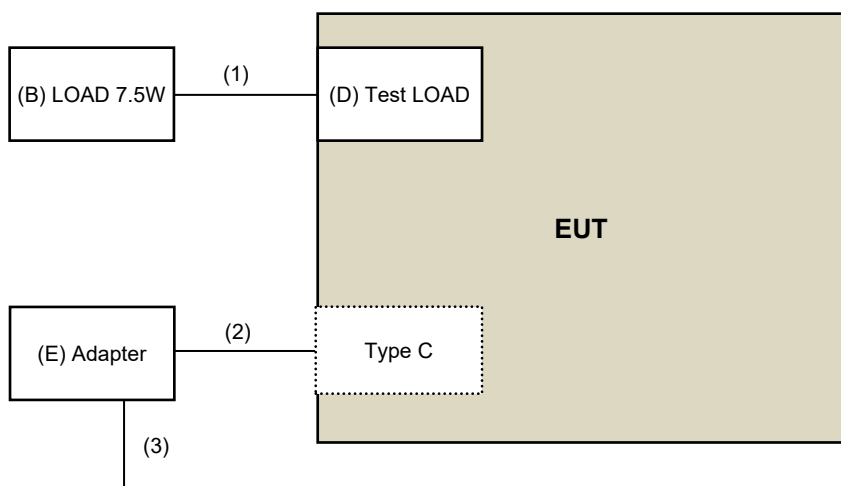
When testing in charging mode, simply use peripheral trigger testing. Just turn on the EUT power when testing in standby mode.

3.6 Connection Diagram of EUT and Peripheral Devices

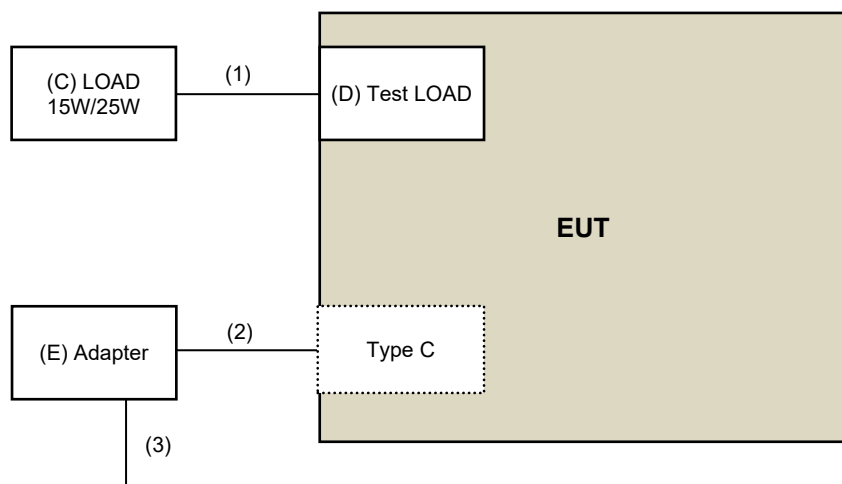
Mode A



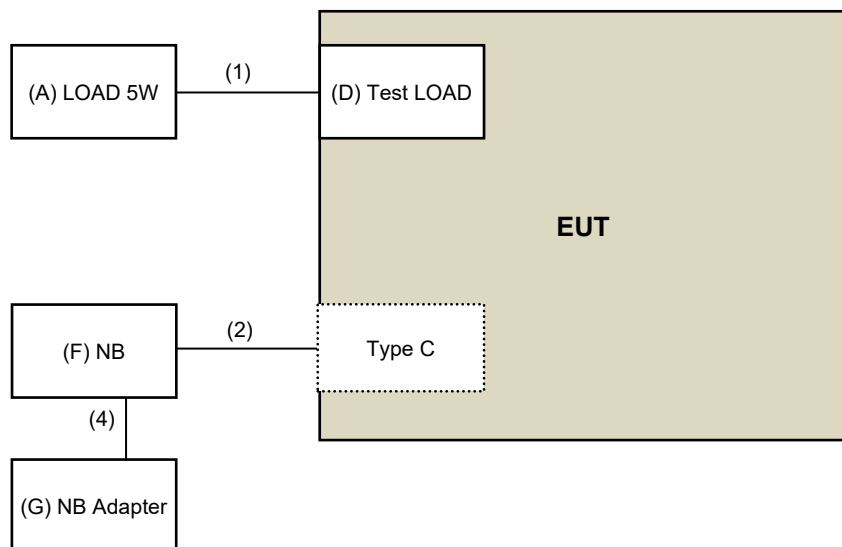
Mode B



Mode C



Mode D



3.7 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	LOAD 5W	N/A	25W5ΩJ	N/A	N/A	Supplied by applicant
B	LOAD 7.5W	N/A	25W3.3ΩJ+50W4ΩJ+50W0.2ΩJ	N/A	N/A	Supplied by applicant
C	LOAD 15W/25W	N/A	50W3ΩJ+50W10ΩJ	N/A	N/A	Supplied by applicant
D	Test LOAD	NuVolta	NU1671	N/A	N/A	Supplied by applicant
E	Adapter	Apple	A2452	N/A	N/A	Supplied by applicant
F	NB	Lenovo	IdeaPad 5 15ITL05	N/A	N/A	Provided by Lab
G	NB Adapter	Lenovo	ADLX65CLGU2A	N/A	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC cable	2	0.1	N	0	Supplied by applicant
2	C to C cable	1	1.8	Y	0	Supplied by applicant
3	AC cable	1	1.8	N	0	Supplied by applicant
4	DC cable	1	1.9	N	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 LYNICS	0900510	E1-01-298	2026/1/15	2027/1/14
		E1-011484	2025/8/12	2026/8/11
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	01622	2025/5/2	2026/5/1
EMI Test Receiver R&S	EPL 1000	101064	2025/4/17	2026/4/16
		101065	2025/4/22	2026/4/21
	ESR3	102412	2025/12/23	2026/12/22
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
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	2025/10/9	2026/10/8
		8129229	2025/10/14	2026/10/13
RF Coaxial Cable PEWC	5D-FB	Cable-CO10-01	2025/2/5	2026/2/4
Software BVADT	Cond_V7.4.1.0	N/A	N/A	N/A

Notes:

1. The test was performed in Linkou Conduction 10.
2. Tested Date: 2026/2/3

4.2 Radiated Emissions below 30 MHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXE EMI Receiver Agilent	N9038A	MY51210114	2026/2/3	2027/2/2
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 LK - 966 Chamber 6 (CH 6) (Linkou).
2. Tested Date: 2026/2/3 ~ 2026/2/4

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	2026/2/3	2027/2/2
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: 2026/2/4

4.4 20 dB Bandwidth

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXE EMI Receiver Agilent	N9038A	MY51210114	2026/2/3	2027/2/2
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 LK - 966 Chamber 6 (CH 6) (Linkou).
2. Tested Date: 2026/6/18

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).

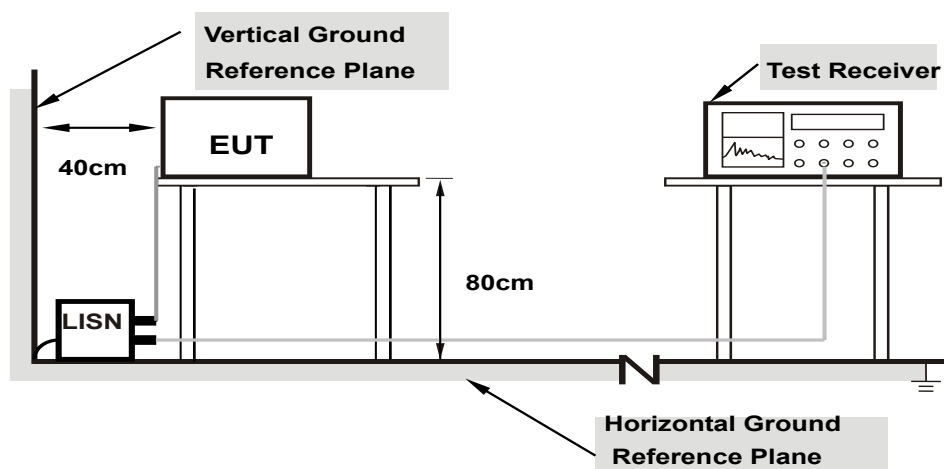
5.4 20 dB Bandwidth

Maximum bandwidth is not specified.

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

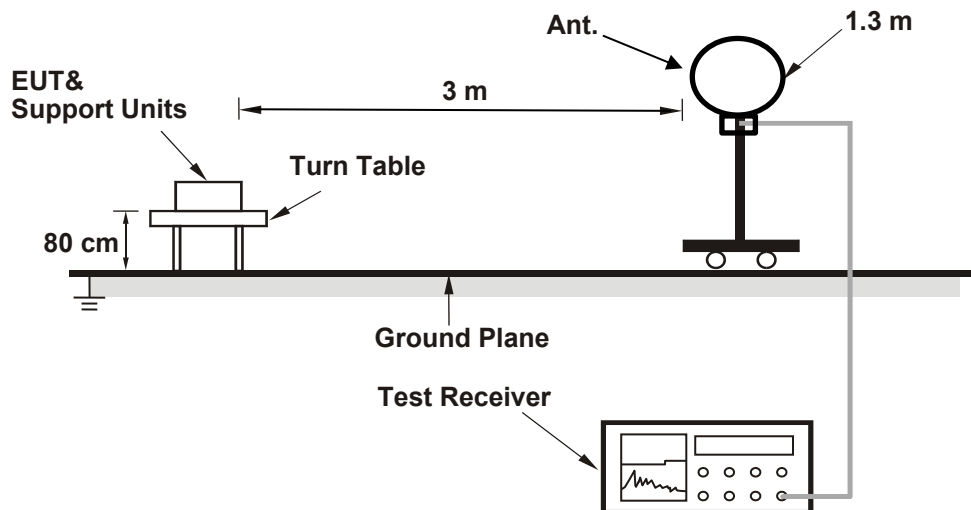
- Exploratory ac power-line conducted emission measurements: The EUT shall be operated on the mid channel and in the mode with highest output power unless the fundamental operates in the AC power-line emission test range then the EUT shall be operated in the range of typical modes of operation.
- The 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 (however, peak detector measurements may be used to determine compliance with QP requirements), 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.

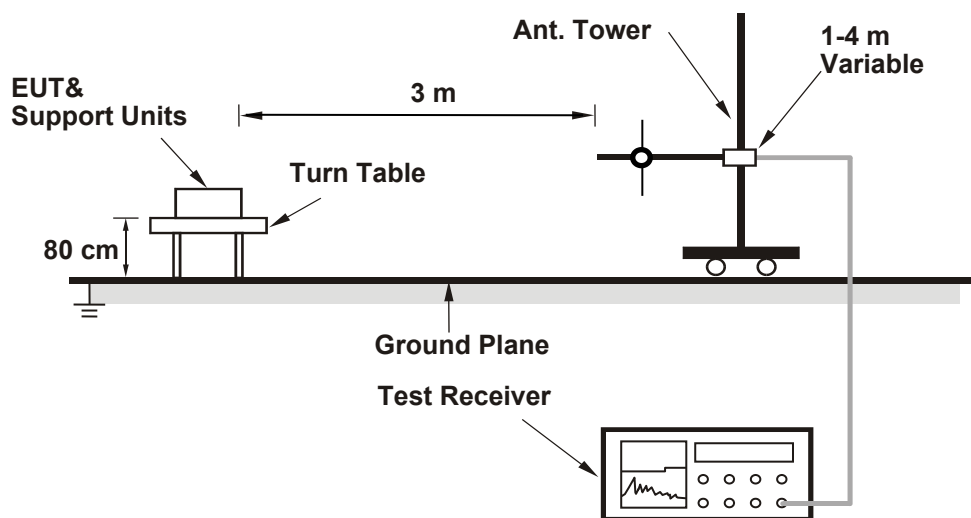
Notes:

- 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

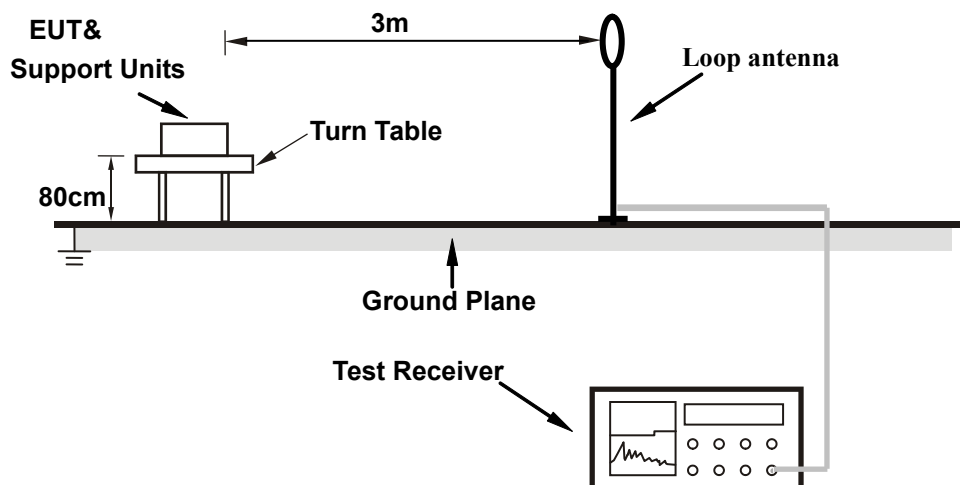
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top 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 (however, peak detector measurements may be used to determine compliance with QP requirements).

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 (however, peak detector measurements may be used to determine compliance with QP requirements).
- All modes of operation were investigated and the worst-case emissions are reported.

6.4 20dB Bandwidth

6.4.1 Test Setup



6.4.2 Test Procedure

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter Semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. Then the Loop antenna was rotated 360 degrees to determine the position of the highest radiation.
- The antenna is a broadband loop antenna, which is fixed of a 1m height above the ground, and set away from 3m to the EUT to find the disturbance reading on each frequency.
- The test-receiver system was set to Quasi-peak detect function and specified bandwidth.

7 Test Results of Test Item

7.1 AC Power Conducted Emissions

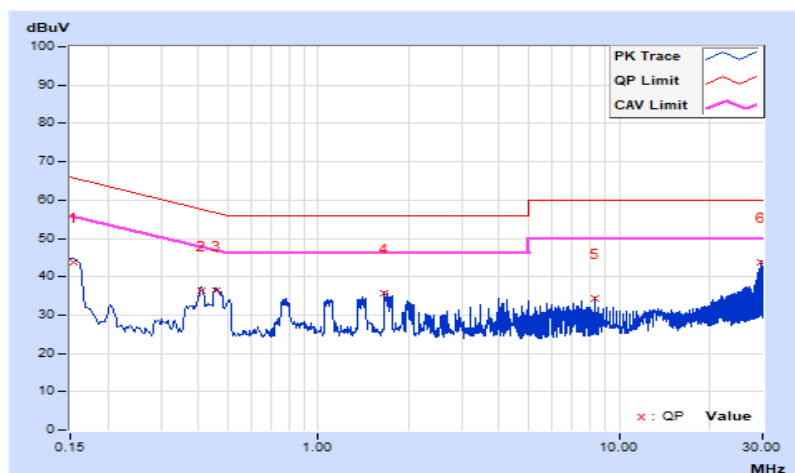
Mode C

RF Mode	WPT	Channel	CH 3 : 360 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 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	0.15450	9.76	34.10	30.44	43.86	40.20	65.75	55.75	-21.89	-15.55
2	0.41088	9.76	26.47	12.53	36.23	22.29	57.63	47.63	-21.40	-25.34
3	0.45600	9.76	26.44	17.35	36.20	27.11	56.77	46.77	-20.57	-19.66
4	1.65875	9.82	25.97	15.97	35.79	25.79	56.00	46.00	-20.21	-20.21
5	8.30525	10.04	24.24	20.66	34.28	30.70	60.00	50.00	-25.72	-19.30
6	29.77175	9.99	33.67	30.21	43.66	40.20	60.00	50.00	-16.34	-9.80

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

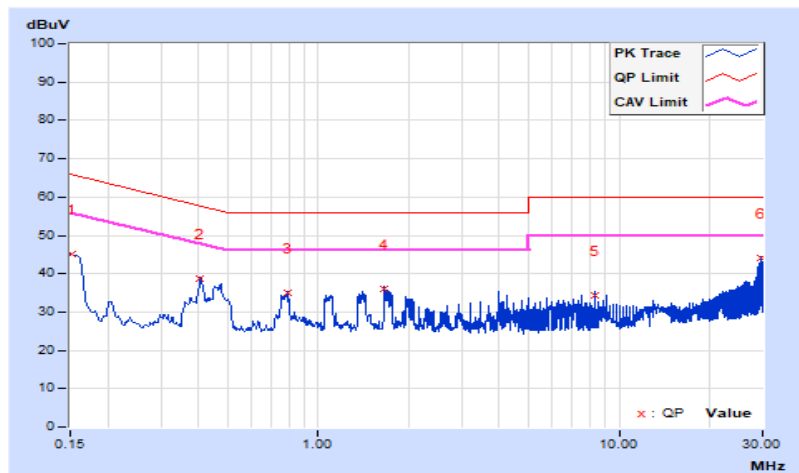


RF Mode	WPT	Channel	CH 3 : 360 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.15225	10.01	35.15	30.35	45.16	40.36	65.88	55.88	-20.72	-15.52
2	0.40657	10.02	28.55	14.98	38.57	25.00	57.72	47.72	-19.15	-22.72
3	0.79025	10.05	24.90	13.88	34.95	23.93	56.00	46.00	-21.05	-22.07
4	1.65875	10.09	26.02	15.94	36.11	26.03	56.00	46.00	-19.89	-19.97
5	8.30525	10.32	24.10	20.61	34.42	30.93	60.00	50.00	-25.58	-19.07
6	29.77175	10.42	33.53	30.17	43.95	40.59	60.00	50.00	-16.05	-9.41

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



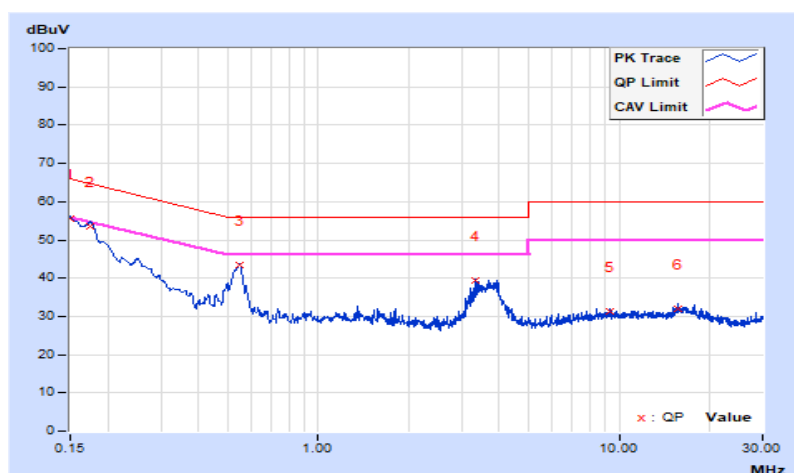
Mode D

RF Mode	WPT	Channel	CH 1 : 135 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	9.76	45.64	23.64	55.40	33.40	66.00	56.00	-10.60	-22.60
2	0.17466	9.76	43.88	24.56	53.64	34.32	64.74	54.74	-11.10	-20.42
3	0.54950	9.76	33.56	26.35	43.32	36.11	56.00	46.00	-12.68	-9.89
4	3.31475	9.90	29.38	18.65	39.28	28.55	56.00	46.00	-16.72	-17.45
5	9.32450	10.07	21.26	15.11	31.33	25.18	60.00	50.00	-28.67	-24.82
6	15.75050	10.14	21.72	15.74	31.86	25.88	60.00	50.00	-28.14	-24.12

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

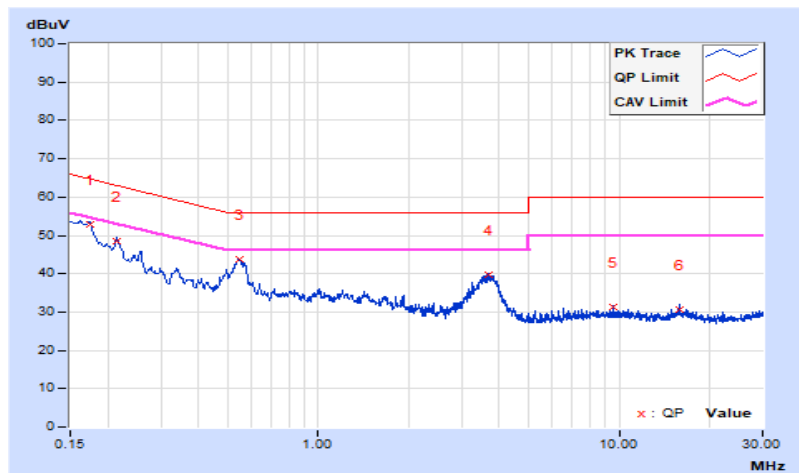


RF Mode	WPT	Channel	CH 1 : 135 kHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

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	0.17475	10.01	42.90	25.46	52.91	35.47	64.73	54.73	-11.82	-19.26
2	0.21460	10.01	38.38	26.13	48.39	36.14	63.03	53.03	-14.64	-16.89
3	0.54646	10.03	33.65	25.36	43.68	35.39	56.00	46.00	-12.32	-10.61
4	3.70850	10.20	29.63	19.69	39.83	29.89	56.00	46.00	-16.17	-16.11
5	9.55625	10.35	20.88	14.44	31.23	24.79	60.00	50.00	-28.77	-25.21
6	15.88100	10.46	20.17	14.00	30.63	24.46	60.00	50.00	-29.37	-25.54

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

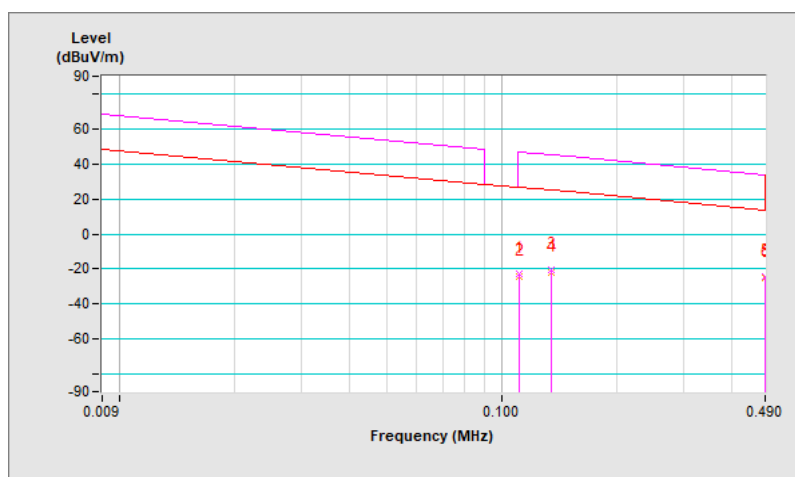
Mode A

RF Mode	WPT	Channel	CH 1 : 135 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	24.8 °C, 73.8% 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	0.1112	-23.0 PK	46.6	-69.6	1.00	64	32.7	-55.7
2	0.1112	-24.2 AV	26.6	-50.8	1.00	64	31.5	-55.7
3	*0.1350	-20.5 PK	44.9	-65.4	1.00	157	35.0	-55.5
4	*0.1350	-21.7 AV	24.9	-46.6	1.00	157	33.8	-55.5
5	0.4890	-24.0 PK	33.8	-57.8	1.00	159	31.2	-55.2
6	0.4890	-25.2 AV	13.8	-39.0	1.00	159	30.0	-55.2

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

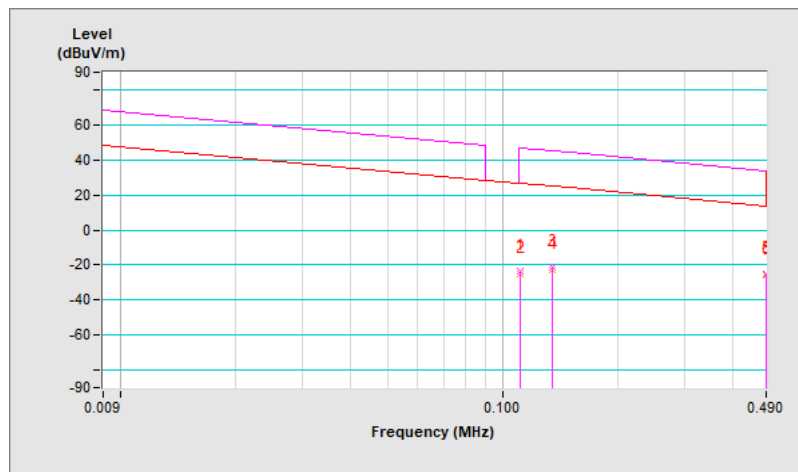


RF Mode	WPT	Channel	CH 1 : 135 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.1112	-23.9 PK	46.6	-70.5	1.00	132	31.8	-55.7
2	0.1112	-25.1 AV	26.6	-51.7	1.00	132	30.6	-55.7
3	*0.1350	-21.4 PK	44.9	-66.3	1.00	56	34.1	-55.5
4	*0.1350	-22.6 AV	24.9	-47.5	1.00	56	32.9	-55.5
5	0.4890	-24.9 PK	33.8	-58.7	1.00	85	30.3	-55.2
6	0.4890	-26.1 AV	13.8	-39.9	1.00	85	29.1	-55.2

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

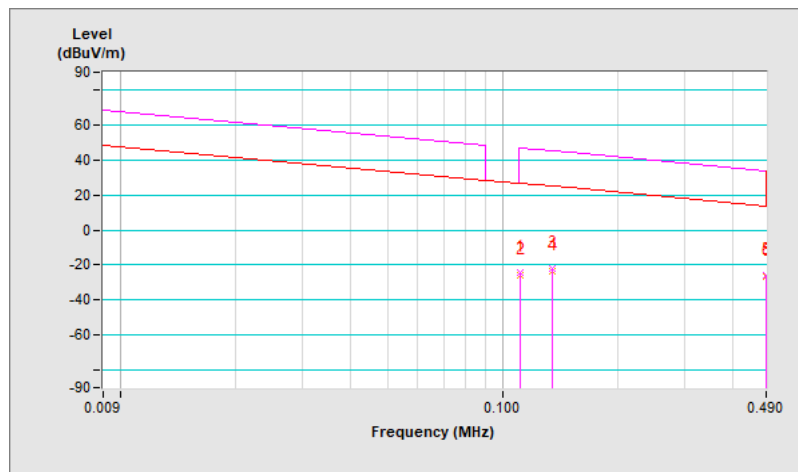


RF Mode	WPT	Channel	CH 1 : 135 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.1112	-24.7 PK	46.6	-71.3	1.00	217	31.0	-55.7
2	0.1112	-25.9 AV	26.6	-52.5	1.00	217	29.8	-55.7
3	*0.1350	-22.2 PK	44.9	-67.1	1.00	178	33.3	-55.5
4	*0.1350	-23.4 AV	24.9	-48.3	1.00	178	32.1	-55.5
5	0.4890	-25.7 PK	33.8	-59.5	1.00	123	29.5	-55.2
6	0.4890	-26.9 AV	13.8	-40.7	1.00	123	28.3	-55.2

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



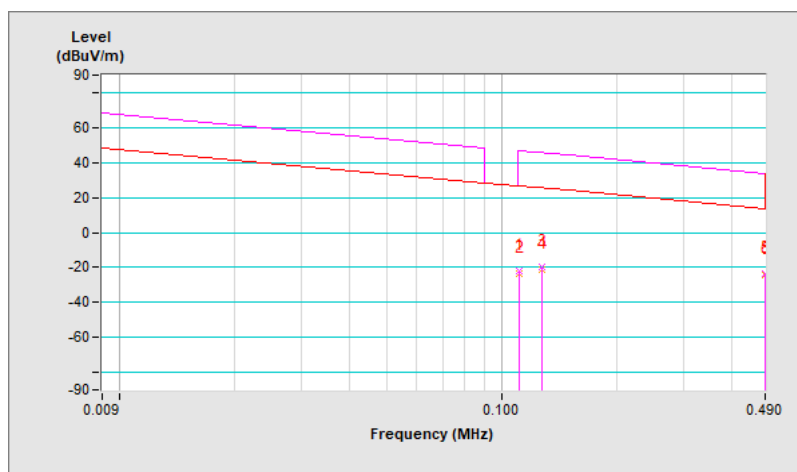
Mode B

RF Mode	WPT	Channel	CH 2 : 128 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	25.2 °C, 74.3% 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	0.1112	-22.4 PK	46.6	-69.0	1.00	123	33.3	-55.7
2	0.1112	-23.6 AV	26.6	-50.2	1.00	123	32.1	-55.7
3	*0.1280	-19.9 PK	45.4	-65.3	1.00	82	35.7	-55.6
4	*0.1280	-21.1 AV	25.4	-46.5	1.00	82	34.5	-55.6
5	0.4890	-23.4 PK	33.8	-57.2	1.00	169	31.8	-55.2
6	0.4890	-24.6 AV	13.8	-38.4	1.00	169	30.6	-55.2

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

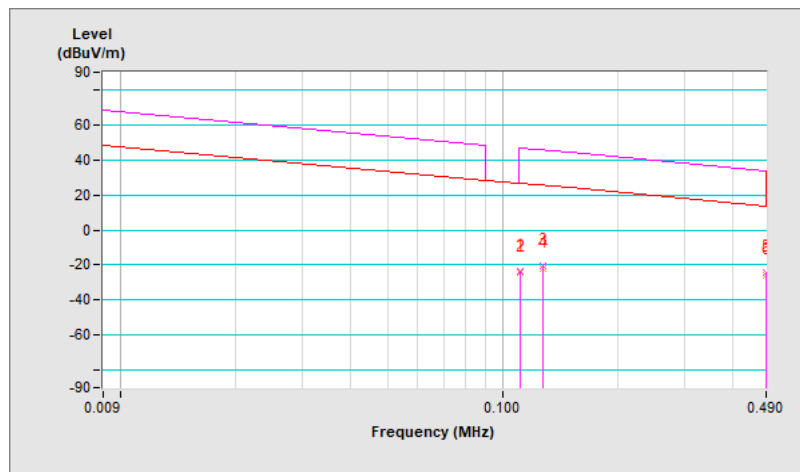


RF Mode	WPT	Channel	CH 2 : 128 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.1112	-23.3 PK	46.6	-69.9	1.00	189	32.4	-55.7
2	0.1112	-24.5 AV	26.6	-51.1	1.00	189	31.2	-55.7
3	*0.1280	-20.8 PK	45.4	-66.2	1.00	125	34.8	-55.6
4	*0.1280	-22.0 AV	25.4	-47.4	1.00	125	33.6	-55.6
5	0.4890	-24.3 PK	33.8	-58.1	1.00	104	30.9	-55.2
6	0.4890	-25.5 AV	13.8	-39.3	1.00	104	29.7	-55.2

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

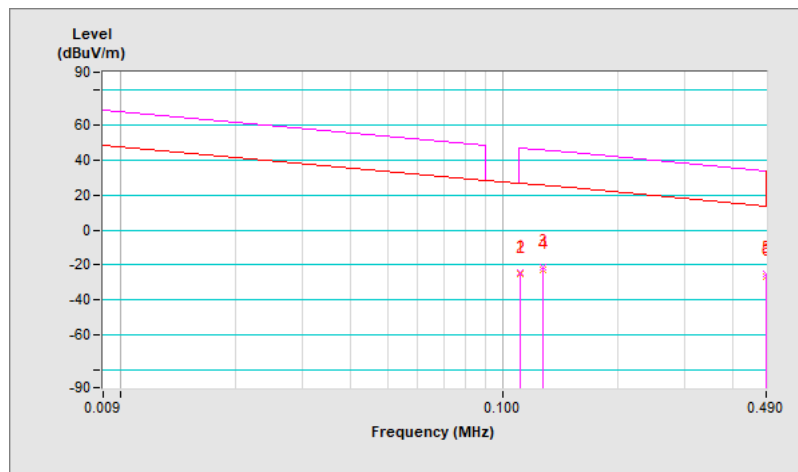


RF Mode	WPT	Channel	CH 2 : 128 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.1112	-24.1 PK	46.6	-70.7	1.00	254	31.6	-55.7
2	0.1112	-25.3 AV	26.6	-51.9	1.00	254	30.4	-55.7
3	*0.1280	-21.6 PK	45.4	-67.0	1.00	211	34.0	-55.6
4	*0.1280	-22.8 AV	25.4	-48.2	1.00	211	32.8	-55.6
5	0.4890	-25.1 PK	33.8	-58.9	1.00	80	30.1	-55.2
6	0.4890	-26.3 AV	13.8	-40.1	1.00	80	28.9	-55.2

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



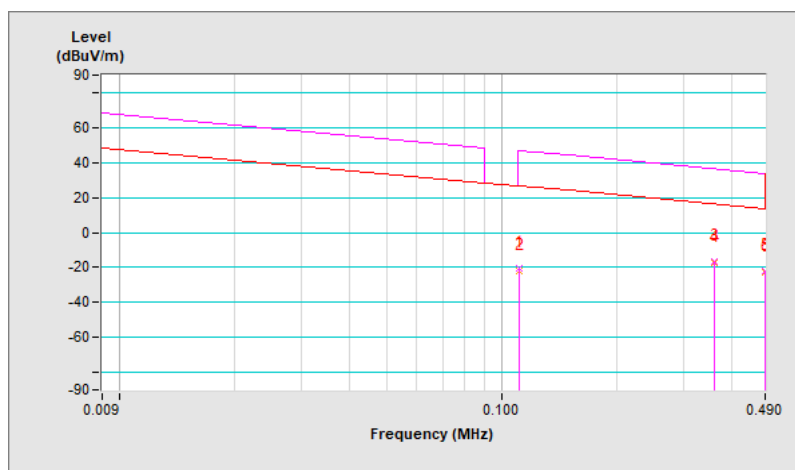
Mode C

RF Mode	WPT	Channel	CH 3 : 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	25.2 °C, 74.3% 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	0.1112	-20.8 PK	46.6	-67.4	1.00	180	34.9	-55.7
2	0.1112	-22.0 AV	26.6	-48.6	1.00	180	33.7	-55.7
3	*0.3600	-16.5 PK	36.4	-52.9	1.00	80	38.7	-55.2
4	*0.3600	-17.7 AV	16.4	-34.1	1.00	80	37.5	-55.2
5	0.4890	-21.8 PK	33.8	-55.6	1.00	204	33.4	-55.2
6	0.4890	-23.0 AV	13.8	-36.8	1.00	204	32.2	-55.2

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

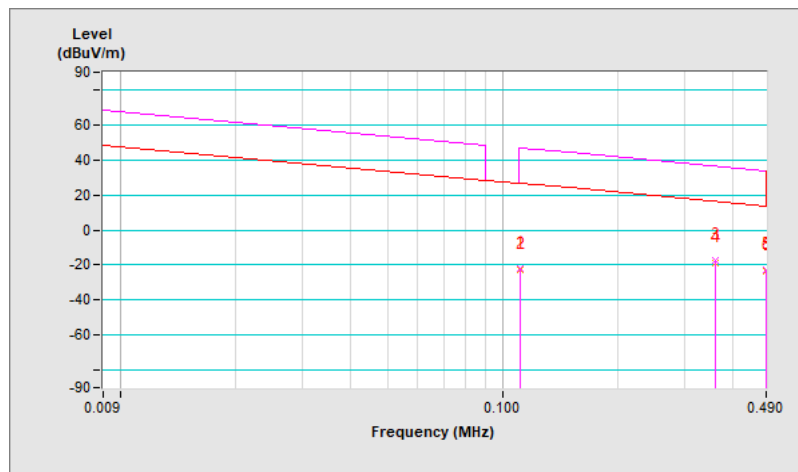


RF Mode	WPT	Channel	CH 3 : 360 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.1112	-21.7 PK	46.6	-68.3	1.00	224	34.0	-55.7
2	0.1112	-22.9 AV	26.6	-49.5	1.00	224	32.8	-55.7
3	*0.3600	-17.4 PK	36.4	-53.8	1.00	122	37.8	-55.2
4	*0.3600	-18.6 AV	16.4	-35.0	1.00	122	36.6	-55.2
5	0.4890	-22.7 PK	33.8	-56.5	1.00	80	32.5	-55.2
6	0.4890	-23.9 AV	13.8	-37.7	1.00	80	31.3	-55.2

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

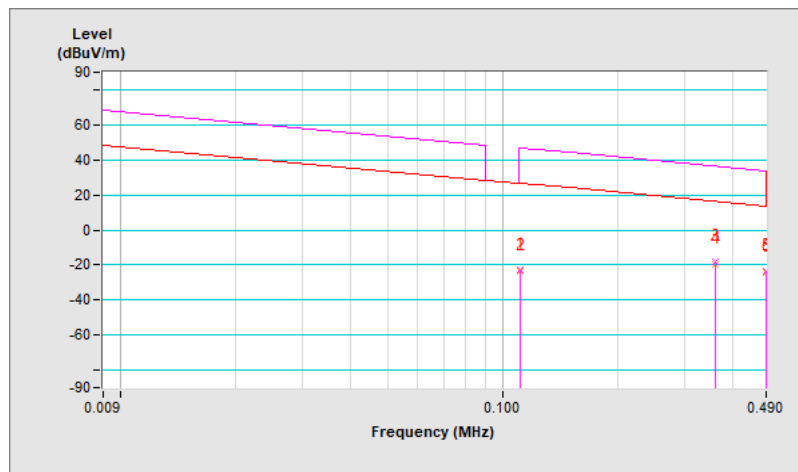


RF Mode	WPT	Channel	CH 3 : 360 kHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 490 kHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz; Peak (PK) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.1112	-22.5 PK	46.6	-69.1	1.00	353	33.2	-55.7
2	0.1112	-23.7 AV	26.6	-50.3	1.00	353	32.0	-55.7
3	*0.3600	-18.2 PK	36.4	-54.6	1.00	219	37.0	-55.2
4	*0.3600	-19.4 AV	16.4	-35.8	1.00	219	35.8	-55.2
5	0.4890	-23.5 PK	33.8	-57.3	1.00	114	31.7	-55.2
6	0.4890	-24.7 AV	13.8	-38.5	1.00	114	30.5	-55.2

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



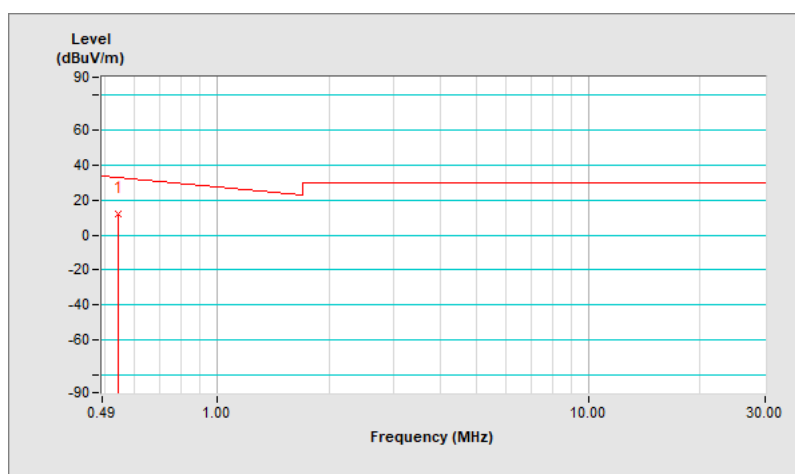
Mode A

RF Mode	WPT	Channel	CH 1 : 135 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% 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	0.5400	12.3 QP	32.9	-20.6	1.00	57	27.5	-15.2

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



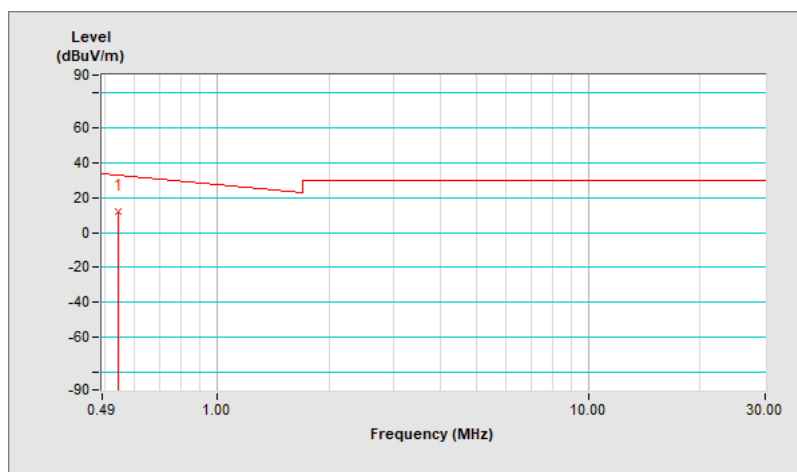
RF Mode	WPT	Channel	CH 1 : 135 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.5400	11.7 QP	32.9	-21.2	1.00	282	26.9	-15.2

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

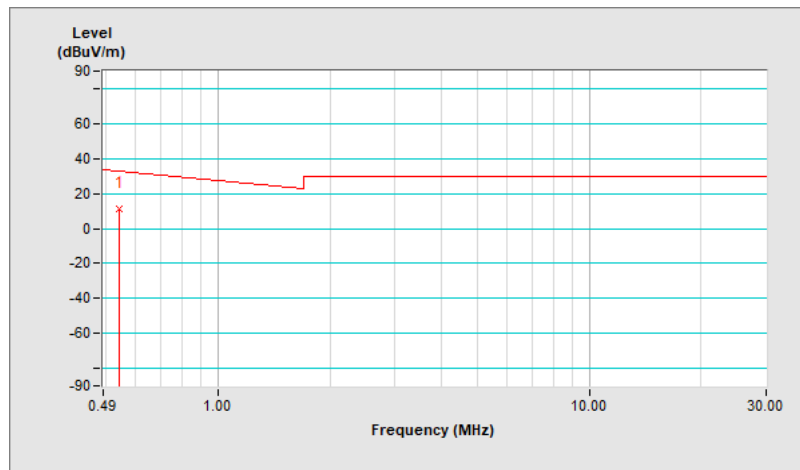


RF Mode	WPT	Channel	CH 1 : 135 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.5400	10.9 QP	32.9	-22.0	1.00	234	26.1	-15.2

Remarks:

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



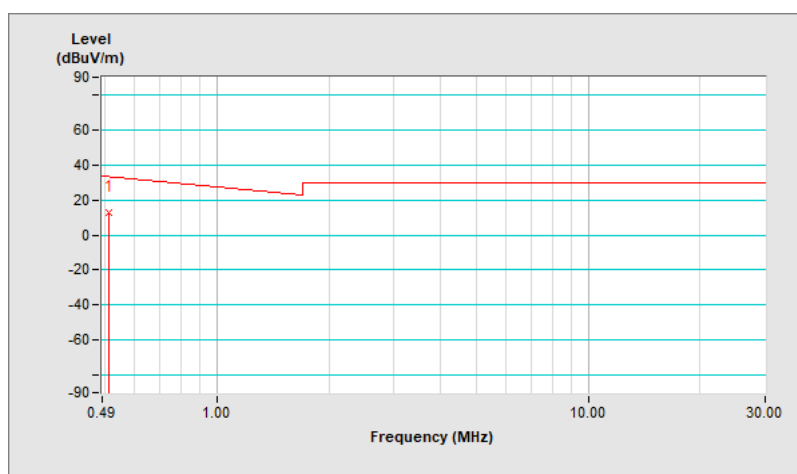
Mode B

RF Mode	WPT	Channel	CH 2 : 128 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% 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	0.5120	12.9 QP	33.4	-20.5	1.00	69	28.1	-15.2

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

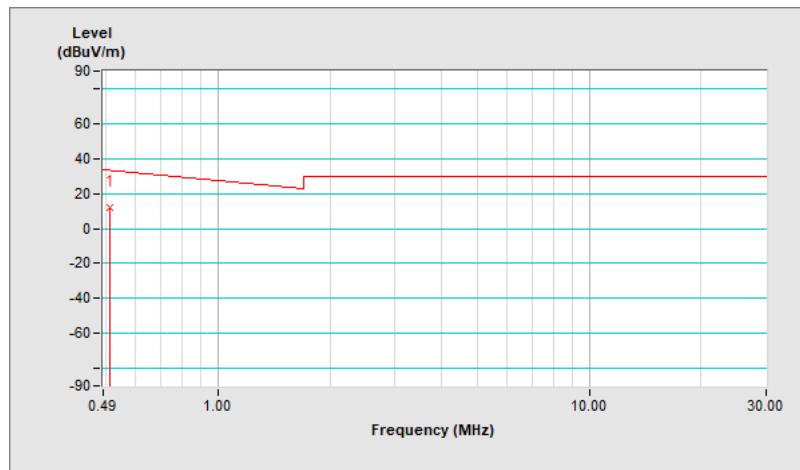


RF Mode	WPT	Channel	CH 2 : 128 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.5120	12.3 QP	33.4	-21.1	1.00	254	27.5	-15.2

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

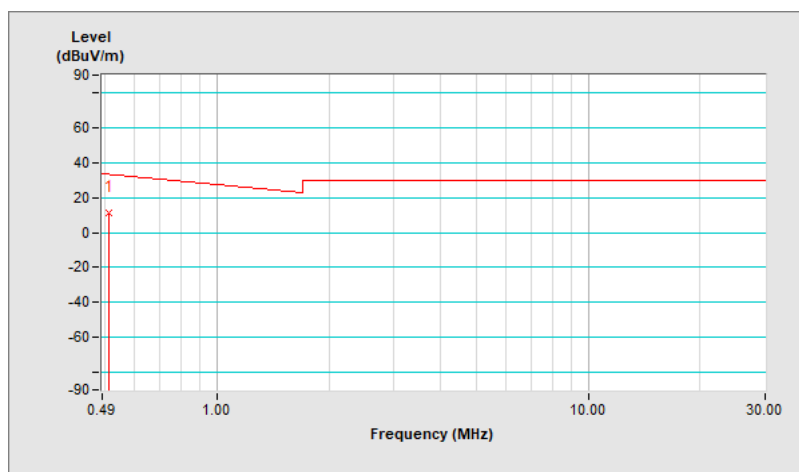


RF Mode	WPT	Channel	CH 2 : 128 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.5120	11.5 QP	33.4	-21.9	1.00	196	26.7	-15.2

Remarks:

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



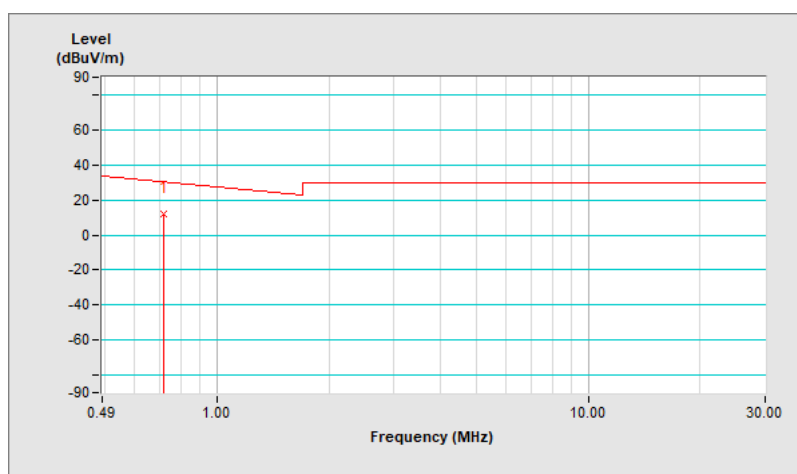
Mode C

RF Mode	WPT	Channel	CH 3 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% 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	0.7200	11.7 QP	30.4	-18.7	1.00	134	27.0	-15.3

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

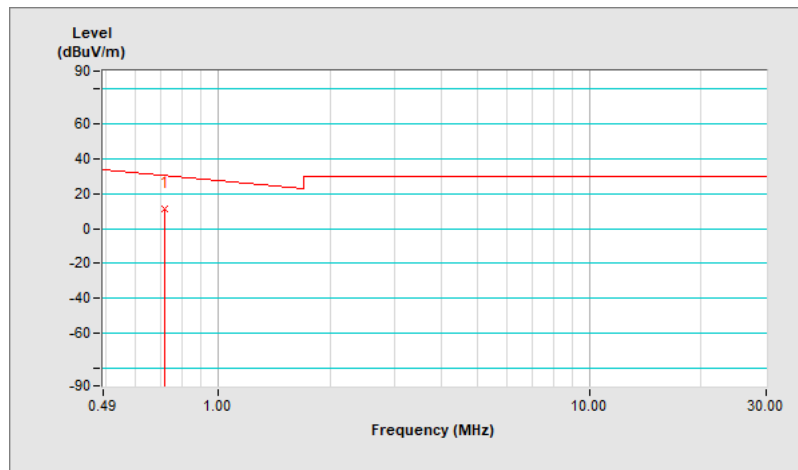


RF Mode	WPT	Channel	CH 3 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.7200	11.1 QP	30.4	-19.3	1.00	157	26.4	-15.3

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

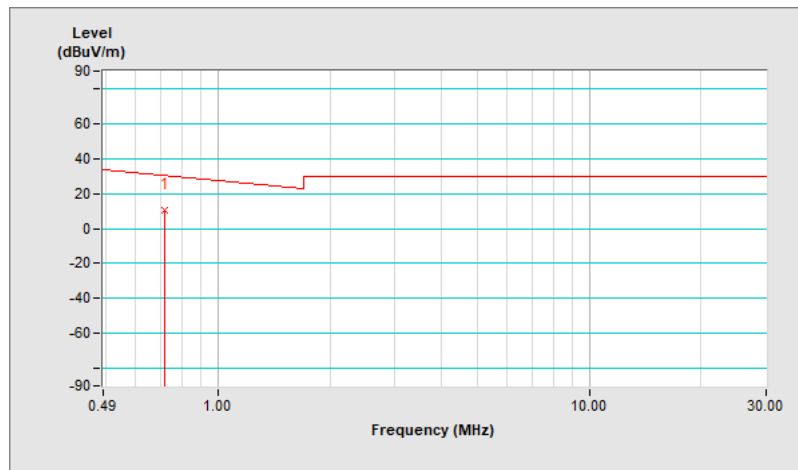


RF Mode	WPT	Channel	CH 3 : 360 kHz
Frequency Range	490 kHz ~ 30 MHz	Detector Function & Bandwidth	Quasi-Peak (QP), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	0.7200	10.3 QP	30.4	-20.1	1.00	227	25.6	-15.3

Remarks:

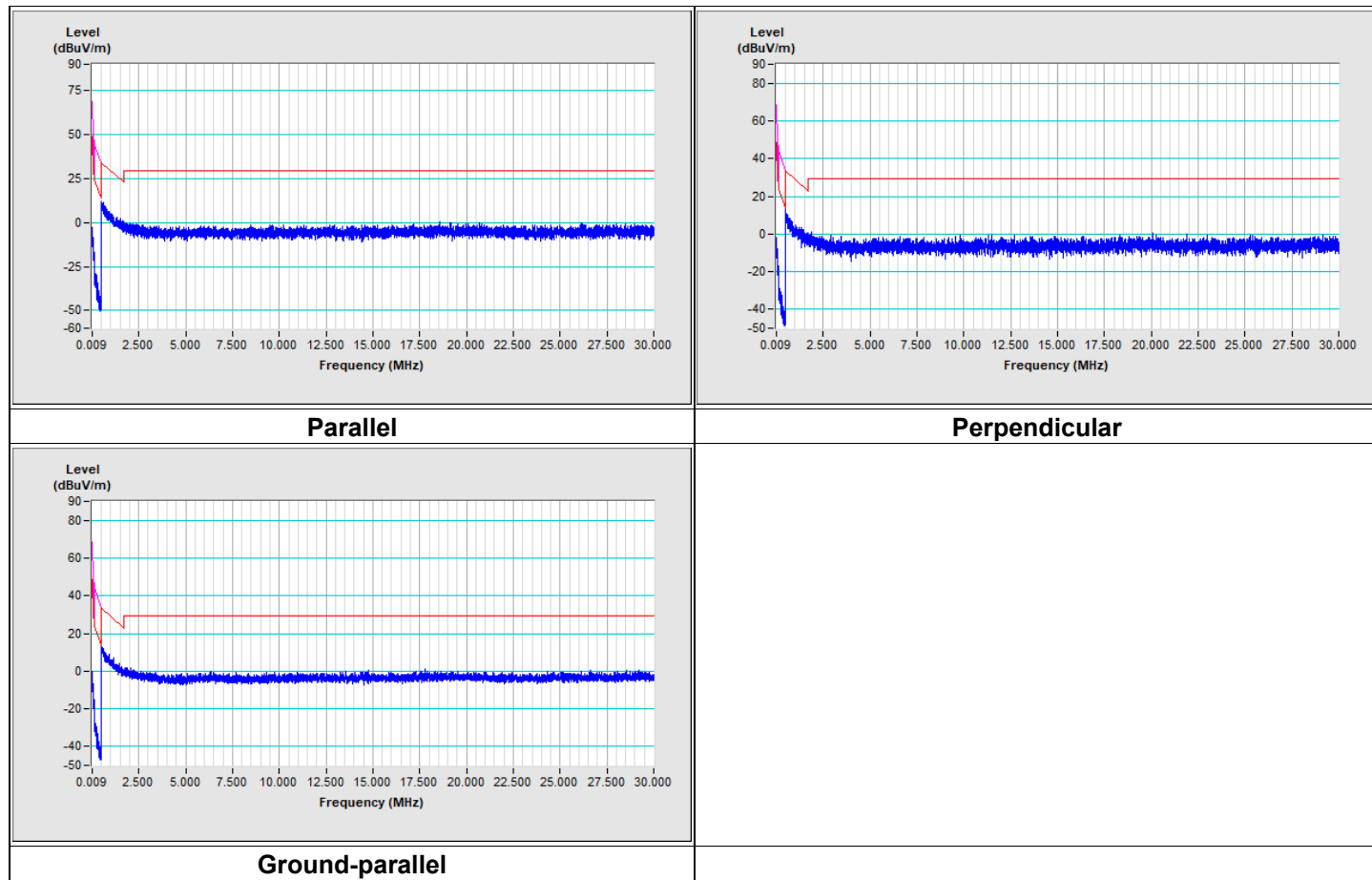
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test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



Plot of Other Emission

Frequency Range	9 kHz ~ 150 kHz 150 kHz ~ 490 kHz 490 kHz ~ 30 MHz	Detector Function & Bandwidth	Peak (PK) / Average (AV), 200 Hz Peak (PK) / Average (AV), 9 kHz Quasi-Peak (QP), 9 kHz
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Mode C



7.3 Radiated Emissions above 30 MHz

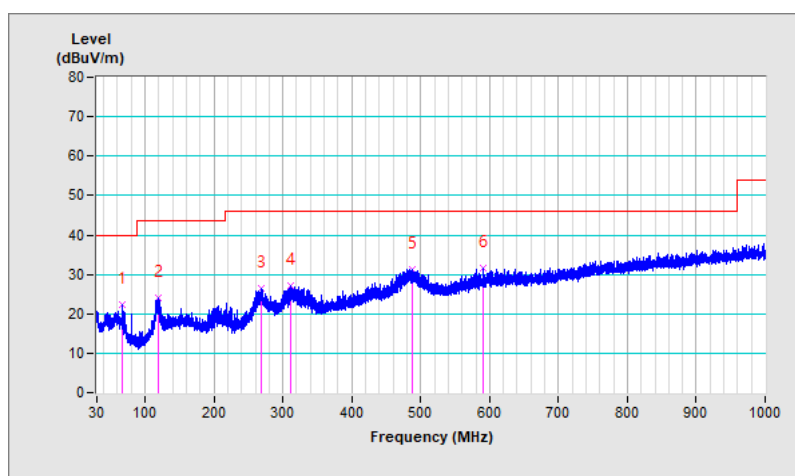
Mode A

RF Mode	WPT	Channel	CH 1 : 135 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	25.2 °C, 74.3% 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	66.57	22.3 QP	40.0	-17.7	1.37 H	12	32.2	-9.9
2	118.96	24.2 QP	43.5	-19.3	1.52 H	86	35.0	-10.8
3	268.74	26.4 QP	46.0	-19.6	1.72 H	206	33.2	-6.8
4	312.10	27.1 QP	46.0	-18.9	1.83 H	264	32.3	-5.2
5	488.27	31.4 QP	46.0	-14.6	1.95 H	185	32.8	-1.4
6	589.84	31.6 QP	46.0	-14.4	1.58 H	295	30.6	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.

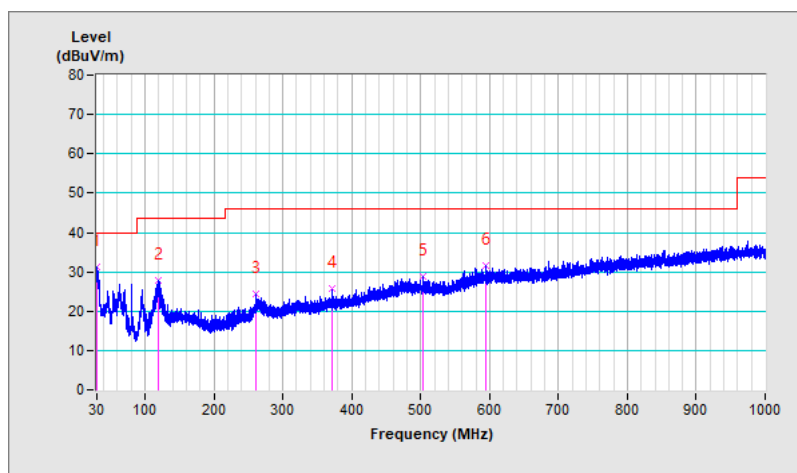


RF Mode	WPT	Channel	CH 1 : 135 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	30.10	31.1 QP	40.0	-8.9	1.59 V	181	41.5	-10.4
2	119.44	27.8 QP	43.5	-15.7	1.24 V	158	38.5	-10.7
3	261.66	24.3 QP	46.0	-21.7	1.37 V	178	31.5	-7.2
4	372.06	25.6 QP	46.0	-20.4	1.65 V	239	29.5	-3.9
5	503.50	28.8 QP	46.0	-17.2	1.82 V	262	30.0	-1.2
6	594.98	31.5 QP	46.0	-14.5	1.12 V	144	30.3	1.2

Remarks:

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



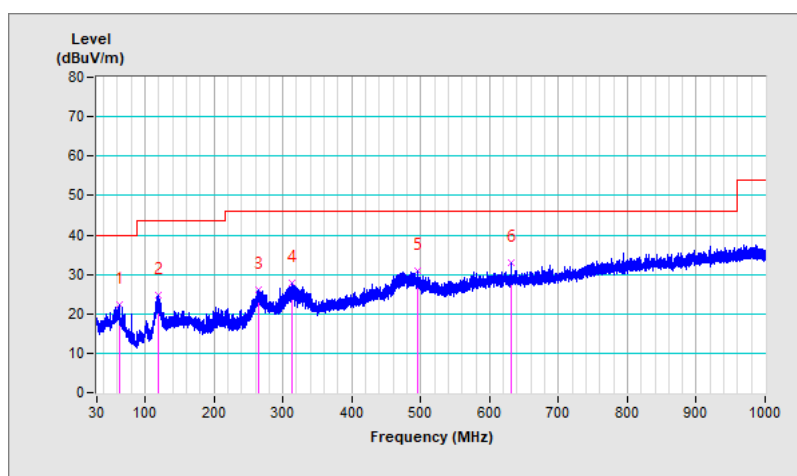
Mode B

RF Mode	WPT	Channel	CH 2 : 128 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	25.2 °C, 74.3% 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	62.50	22.2 QP	40.0	-17.8	1.83 H	222	31.7	-9.5
2	118.96	24.7 QP	43.5	-18.8	1.24 H	102	35.5	-10.8
3	263.99	26.1 QP	46.0	-19.9	1.36 H	189	33.1	-7.0
4	313.07	27.7 QP	46.0	-18.3	1.97 H	199	32.9	-5.2
5	494.87	30.9 QP	46.0	-15.1	1.51 H	139	32.3	-1.4
6	630.88	33.0 QP	46.0	-13.0	1.12 H	353	30.9	2.1

Remarks:

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

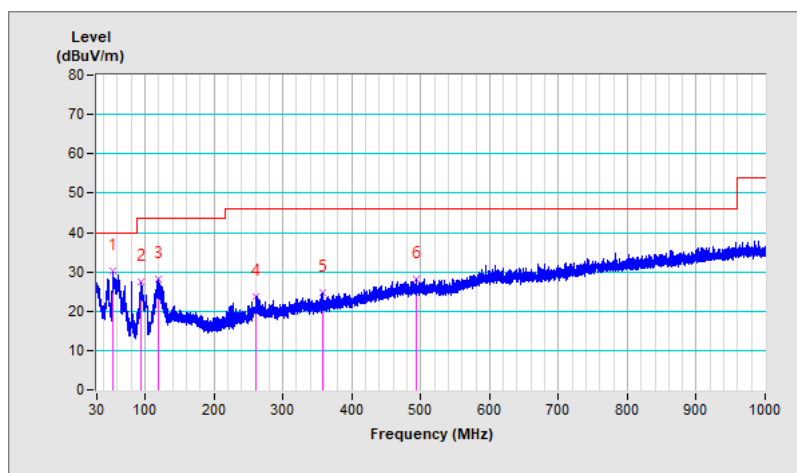


RF Mode	WPT	Channel	CH 2 : 128 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	53.67	30.1 QP	40.0	-9.9	1.45 V	155	38.9	-8.8
2	94.32	27.5 QP	43.5	-16.0	1.36 V	292	41.4	-13.9
3	118.96	28.2 QP	43.5	-15.3	1.27 V	142	39.0	-10.8
4	260.11	23.8 QP	46.0	-22.2	1.59 V	18	31.1	-7.3
5	356.92	24.6 QP	46.0	-21.4	1.20 V	73	29.1	-4.5
6	494.48	28.1 QP	46.0	-17.9	1.80 V	57	29.5	-1.4

Remarks:

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



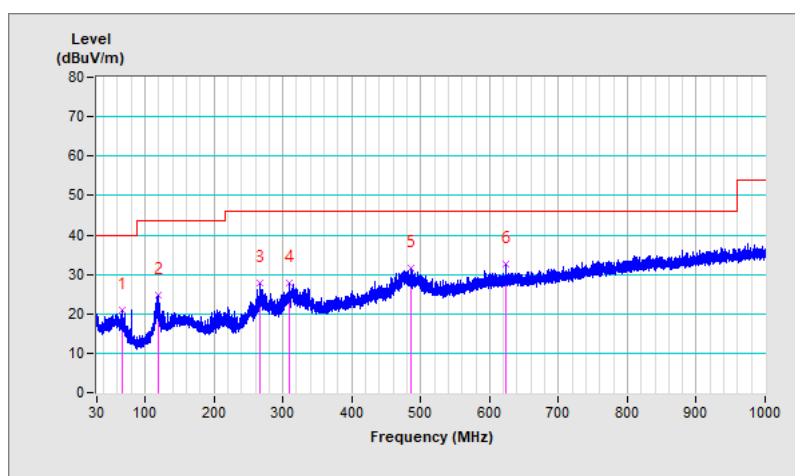
Mode C

RF Mode	WPT	Channel	CH 3 : 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	25.2 °C, 74.3% 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	66.57	21.1 QP	40.0	-18.9	1.38 H	331	31.0	-9.9
2	118.86	24.6 QP	43.5	-18.9	1.62 H	253	35.4	-10.8
3	266.51	27.7 QP	46.0	-18.3	1.47 H	191	34.6	-6.9
4	308.90	27.9 QP	46.0	-18.1	1.72 H	266	33.2	-5.3
5	485.75	31.6 QP	46.0	-14.4	1.85 H	134	33.1	-1.5
6	623.80	32.6 QP	46.0	-13.4	1.30 H	15	30.7	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.

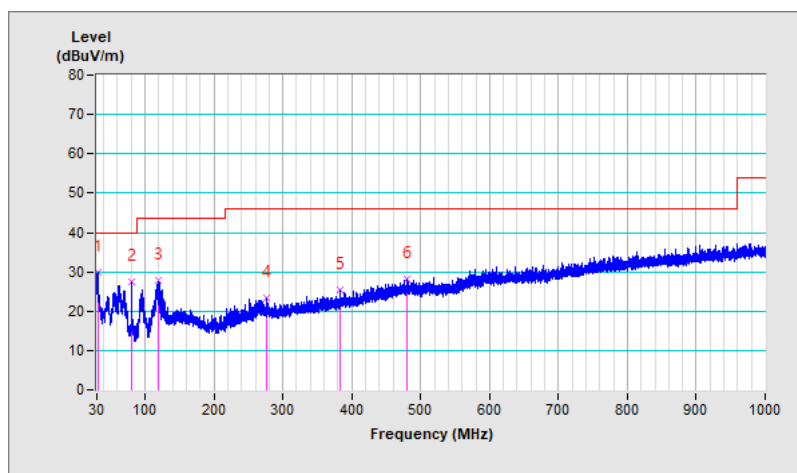


RF Mode	WPT	Channel	CH 3 : 360 kHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25.2 °C, 74.3% RH
Tested By	Jed Wu		

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	31.07	30.0 QP	40.0	-10.0	1.66 V	232	40.8	-10.8
2	80.06	27.4 QP	40.0	-12.6	1.32 V	16	40.4	-13.0
3	118.86	27.7 QP	43.5	-15.8	1.04 V	150	38.5	-10.8
4	276.11	23.4 QP	46.0	-22.6	1.11 V	191	29.7	-6.3
5	383.21	25.3 QP	46.0	-20.7	1.92 V	68	29.2	-3.9
6	479.83	28.3 QP	46.0	-17.7	1.84 V	11	29.9	-1.6

Remarks:

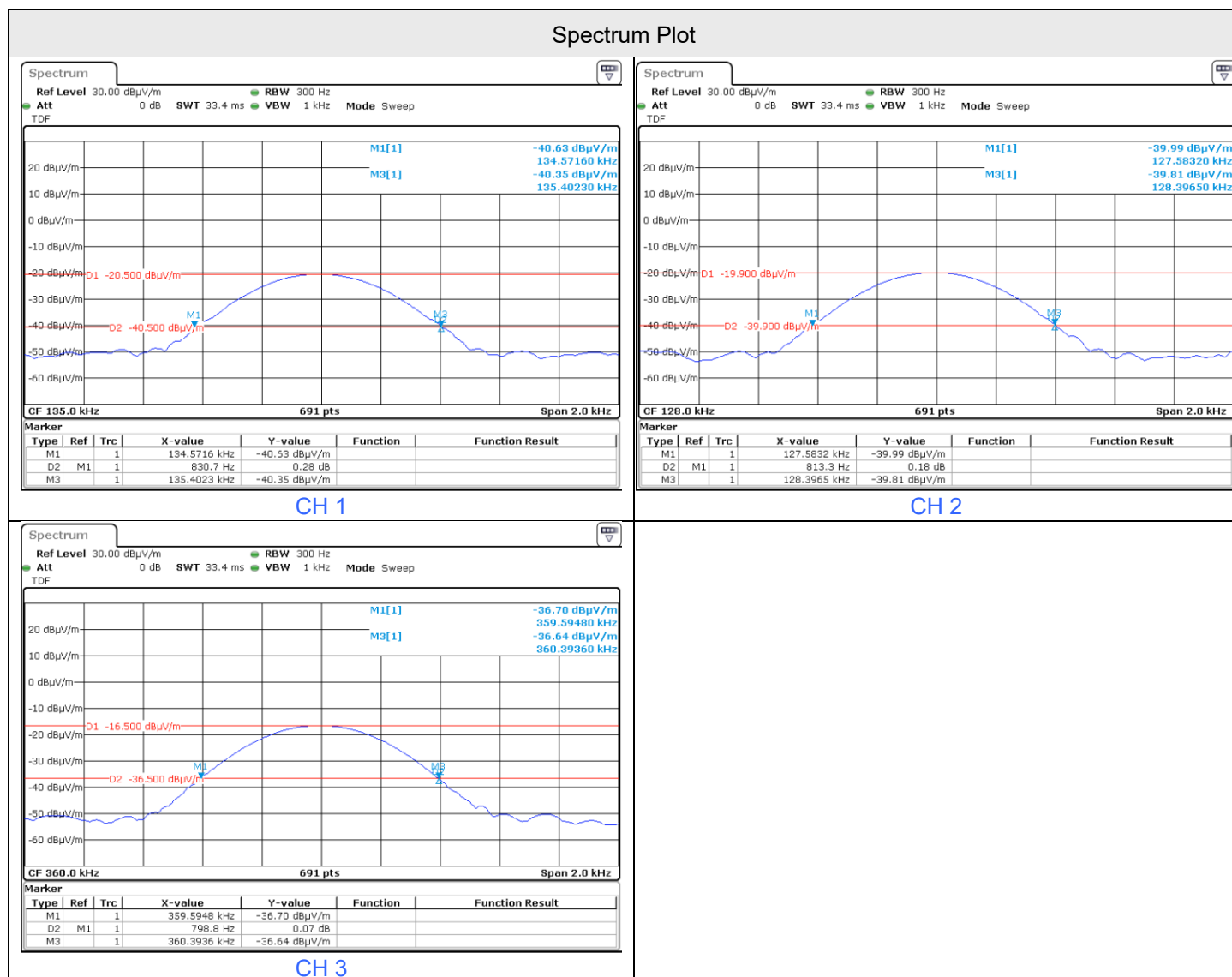
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



7.4 20dB Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 76% RH	Tested By:	Dalen Dai
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Mode	Channel	Frequency (kHz)	20dB Bandwidth (Hz)
Mode A	1	135	830.7
Mode B	2	128	813.3
Mode C	3	360	798.8



Note: The signal look like CW signal, so RBW can't be match 1~5 % OBW.

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

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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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