TEST REPORT

Applicant	Belkin International, Inc.
Address	12045 East Waterfront Drive, Playa Vista, CA 90094 USA

Manufacturer or Supplier	Belkin International, Inc.
Address	12045 East Waterfront Drive, Playa Vista, CA 90094 USA
Product	UV Sanitizer + Wireless Charger
Additional Product	BOOST↑CHARGE™ UV Sanitizer + Wireless Charger
Brand Name	playa, belkin
Model	PWC001
Additional Model & Model Difference	WIZ011, see items 3.1
Date of tests	Aug. 25, 2020 ~ Sep. 12, 2020

The submitted sample of the above equipment has been tested for according to the requirements of the following standards:

☒ **FCC Part 15, Subpart C**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Lucas Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	 Date: Sep. 24, 2020

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF2008WDG0302	Original release	Sep. 24, 2020

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C			
STANDARD SECTION	**TEST TYPE AND LIMIT**	**RESULT**	**REMARK**
§15.203	Antenna Requirement	PASS	No antenna connector is used.
§15.207	AC Power Conducted Emission	PASS	Meet the requirement of limit.
§15.209	Radiated Emission	PASS	Meet the requirement of limit.
§15.215 (c)	20dB Bandwidth	PASS	Meet the requirement of limit.

2 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	FREQUENCY	UNCERTAINTY
Conducted emissions	9kHz~30MHz	2.70dB
Radiated emissions	9KHz ~ 30MHz	2.16dB
	30MHz ~ 1GMHz	3.76dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	UV Sanitizer + Wireless Charger
ADDITIONAL PRODUCT	BOOST↑CHARGE™ UV Sanitizer + Wireless Charger
MODEL NO.	PWC001
ADDITIONAL MODEL	WIZ011
FCC ID	K7SWIZ011
POWER SUPPLY	Input: DC 12V 1.5A from adapter Output: 10W
MODULATION TYPE	FSK
OPERATING FREQUENCY RANGE	110KHz ~ 205KHz
I/O PORTS	Loop Antenna
FIELD STRENGTH	83.73dBuV/m
MAXIMUM POWER OUTPUT FROM THE CHARGING COIL	Max Power Should be 10W
CABLE SUPPLIED	USB-A to USB-C cable: Shielded, detachable 1.2m

NOTES:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
3. Please refer to the EUT photo document (Reference No.: 2008WDG0302-1) for detailed product photo.
4. Additional model WIZ011 is identical with test model PWC001 except the model no. and brand name for trading purpose.
5. The EUT was powered by the following adapter.

ADAPTER	
BRAND:	N/A
MODEL:	W0920U-1U05F
INPUT:	AC 100-240V, 50/60Hz 0.45A
OUTPUT:	DC 3.6V~6.0V 3A or 6V~9V 2A or 9V~12V 1.5A
DC LINE:	N/A

3.2 DESCRIPTION OF TEST MODES

The following test frequencies are provided to this EUT:

Operating Frequency Range(KHz)	Tested Frequency(KHz)	Mode
110-205	127.698	Standby
110-205	127.698	iPhone X operating
110-205	127.698	Receiver load operating

3.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE	APPLICABLE TO			DESCRIPTION
	RE<1G	PLC	20BW	
A	√	√	√	Standby
B	√	√	√	iPhone X operating
C	√	√	√	Receiver load operating

Where **RE<1G:** Radiated Emission below 1GHz **PLC:** Power Line Conducted Emission
20BW: 20dB Bandwidth

Note:
1. The EUT is designed to be positioned on the **X-plane** only.

Radiated Emission Test (Below 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and antenna ports (if EUT with antenna diversity architecture).
☒ Following channel(s) was (were) selected for the final test as listed below.

EUT configure mode	Operating Frequency Range(KHz)	Tested Frequency(KHz)	Modulation Type
A	110-205	127.698	FSK
B	110-205	127.698	FSK
C	110-205	127.698	FSK

Power Line Conducted Emission Test:

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and antenna ports (if EUT with antenna diversity architecture).
☒ Following channel(s) was (were) selected for the final test as listed below.

EUT configure mode	Operating Frequency Range(KHz)	Tested Frequency(KHz)	Modulation Type
A	110-205	127.698	FSK
B	110-205	127.698	FSK
C	110-205	127.698	FSK

20dB Bandwidth TEST:

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and antenna ports (if EUT with antenna diversity architecture).

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

EUT configure mode	Operating Frequency Range(KHz)	Tested Frequency(KHz)	Modulation Type
A	110-205	127.698	FSK
B	110-205	127.698	FSK
C	110-205	127.698	FSK

TEST CONDITION:

Applicable to	Environmental conditions	Input Power(Adapter)	Tested by
RE<1G	24 ℃, 64% RH	120Vac, 60Hz	Vincent
PLC	24 ℃, 64% RH	120Vac, 60Hz	MingBai
20BW	24 ℃, 64% RH	120Vac, 60Hz	Daniel

3.4 DESCRIPTION OF SUPPORT UNITS

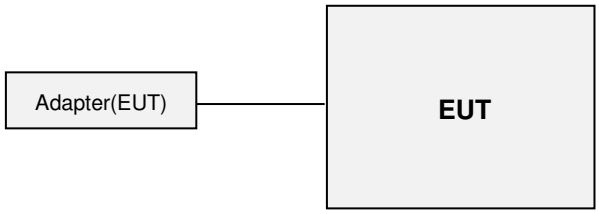
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	iPhone X	Apple	MQA52CH/A	N/A	N/A
2	Receiver load	N/A	N/A	N/A	N/A

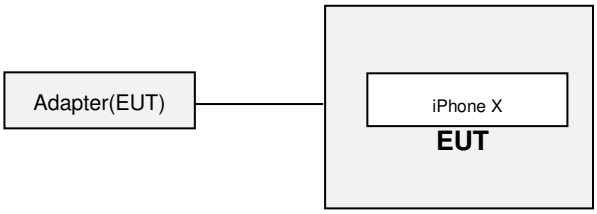
NO.	DESCRIPTION OF THE ABOVE SUPPORT UNITS
1-2	N/A

3.5 CONFIGURATION OF SYSTEM UNDER TEST

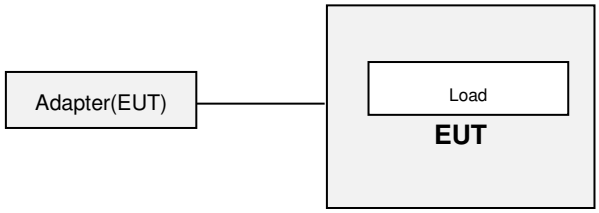
Test Mode A



Test Mode B



Test Mode C



3.6 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C (15.207/15.209)
ANSI C63.10-2013

All test items have been performed and recorded as per the above standards.

4 EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	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.
(3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

4.1.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101494	Mar. 18,20	Mar. 17,21
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	Mar. 18,20	Mar. 17,21
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	Mar. 18,20	Mar. 17,21
Voltage probe	SCHWARZBECK	TK 9421	TK 9421-176	Sep. 24,19	Sep. 23,20
Test software	ADT	ADT_Cond _V7.3.7	N/A	N/A	N/A

NOTES: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in shielding room 553.

4.1.3 TEST PROCEDURE

a. The EUT was 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/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20dB) were not recorded.

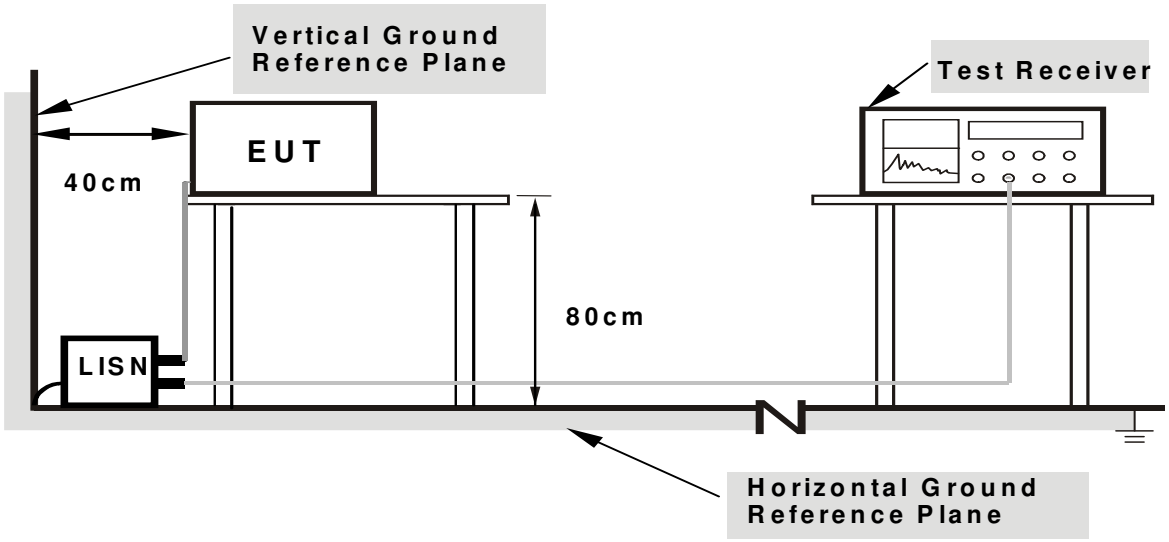
NOTES:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

4.1.4 DEVIATION FROM TEST STANDARD

No deviation.

4.1.5 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.

4.1.6 EUT OPERATING CONDITIONS

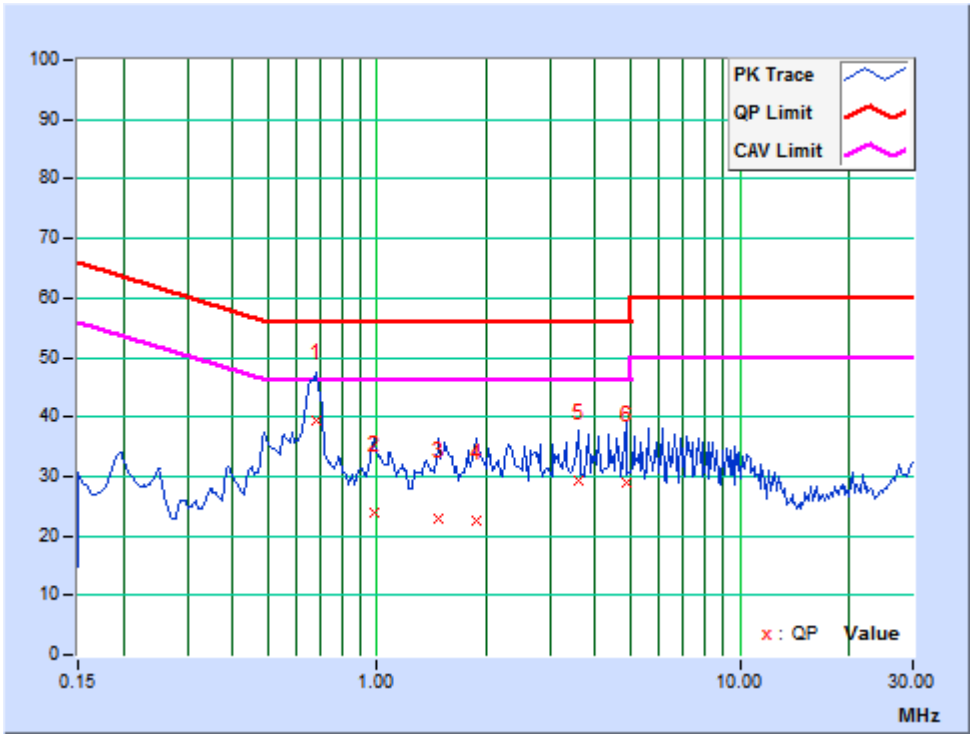
a. Turn on the EUT.
b. The EUT tested in charging mode and standby mode respectively.

4.1.7 TEST RESULTS

TEST MODE	A	PHASE	Line(L)
TEST VOLTAGE	AC 120V/60Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60% RH	TESTED BY: Ming Bai	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.68369	9.81	29.42	13.86	39.23	23.67	56.00	46.00	-16.77	-22.33
2	0.98250	9.81	13.97	8.14	23.78	17.95	56.00	46.00	-32.22	-28.05
3	1.47525	9.82	13.04	8.40	22.86	18.22	56.00	46.00	-33.14	-27.78
4	1.86900	9.82	12.90	8.34	22.72	18.16	56.00	46.00	-33.28	-27.84
5	3.57450	9.85	19.59	10.63	29.44	20.48	56.00	46.00	-26.56	-25.52
6	4.85025	9.88	18.91	9.76	28.79	19.64	56.00	46.00	-27.21	-26.36

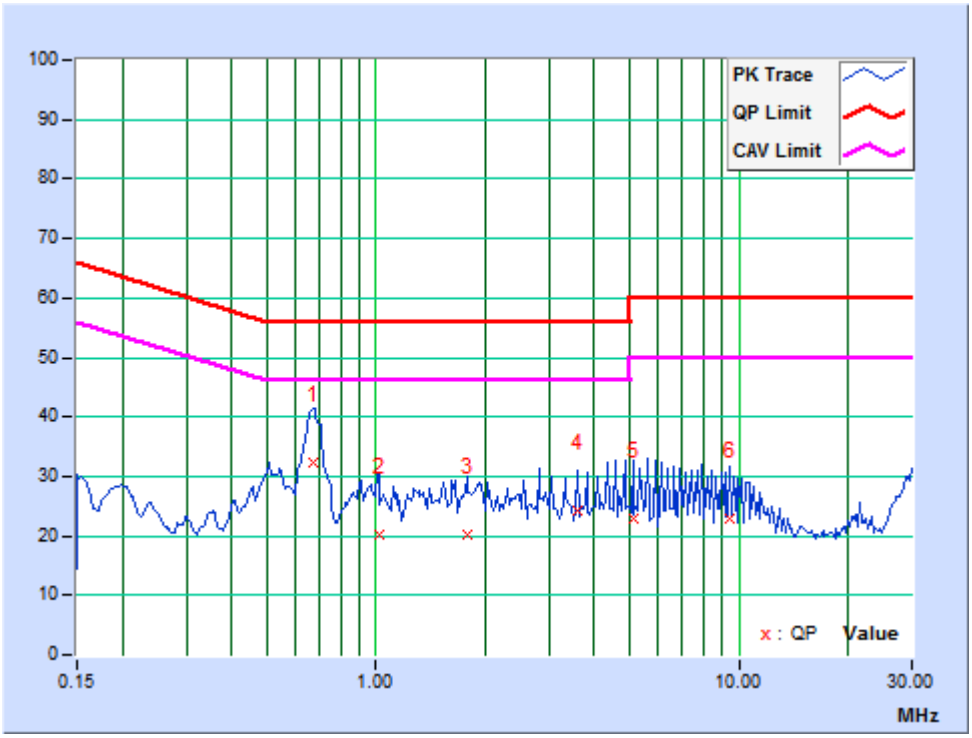
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	A	PHASE	Neutral (N)
TEST VOLTAGE	AC 120V/60Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60% RH	TESTED BY: Ming Bai	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.67475	9.75	22.48	10.70	32.23	20.45	56.00	46.00	-23.77	-25.55
2	1.01625	9.77	10.33	7.73	20.10	17.50	56.00	46.00	-35.90	-28.50
3	1.78350	9.79	10.39	7.82	20.18	17.61	56.00	46.00	-35.82	-28.39
4	3.57450	9.80	14.48	9.50	24.28	19.30	56.00	46.00	-31.72	-26.70
5	5.10450	9.82	13.24	10.31	23.06	20.13	60.00	50.00	-36.94	-29.87
6	9.44700	9.99	12.75	10.42	22.74	20.41	60.00	50.00	-37.26	-29.59

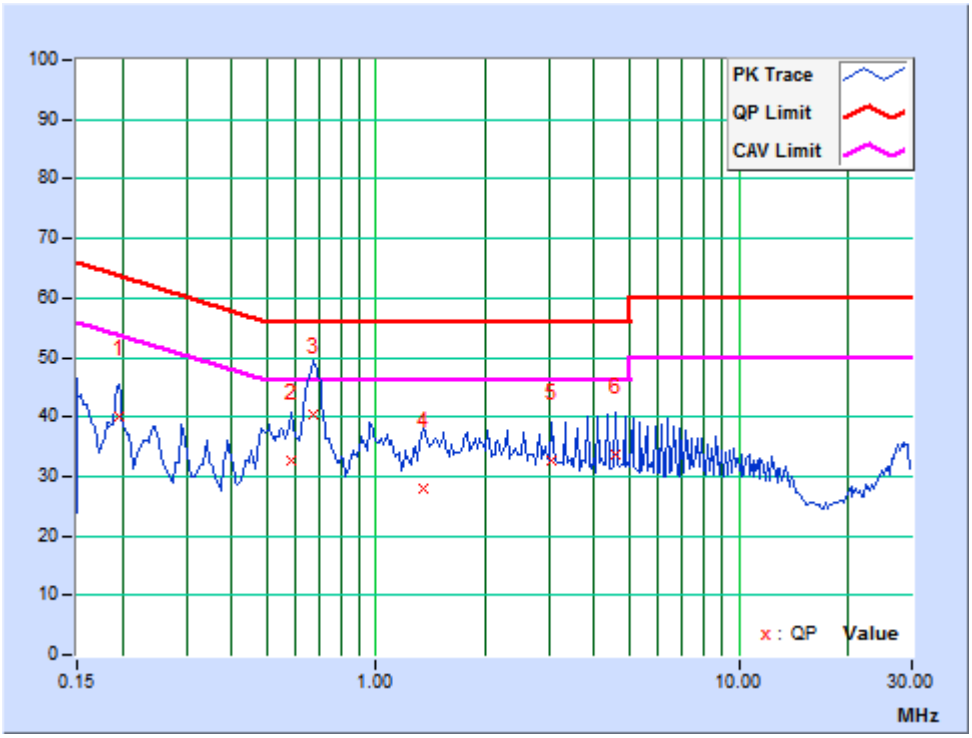
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	B	PHASE	Line(L)
TEST VOLTAGE	AC 120V/60Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60% RH	TESTED BY: Ming Bai	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.19500	9.78	30.44	16.22	40.22	26.00	63.82	53.82	-23.60	-27.82
2	0.58200	9.80	23.01	11.46	32.81	21.26	56.00	46.00	-23.19	-24.74
3	0.67475	9.81	30.74	19.89	40.55	29.70	56.00	46.00	-15.45	-16.30
4	1.35150	9.82	18.14	10.80	27.96	20.62	56.00	46.00	-28.04	-25.38
5	3.06150	9.84	22.96	17.35	32.80	27.19	56.00	46.00	-23.20	-18.81
6	4.59375	9.87	23.64	18.21	33.51	28.08	56.00	46.00	-22.49	-17.92

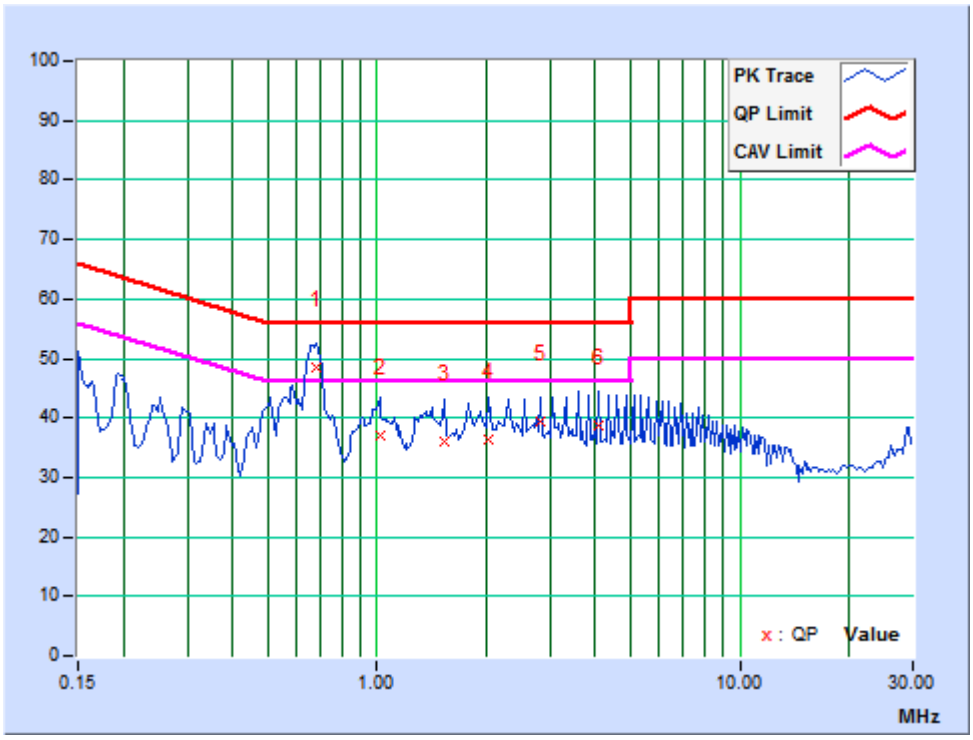
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	B	PHASE	Neutral (N)
TEST VOLTAGE	AC 120V/60Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60% RH	TESTED BY: Ming Bai	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.68369	9.75	38.73	26.74	48.48	36.49	56.00	46.00	-7.52	-9.51
2	1.01850	9.77	27.14	17.65	36.91	27.42	56.00	46.00	-19.09	-18.58
3	1.52925	9.78	26.29	18.96	36.07	28.74	56.00	46.00	-19.93	-17.26
4	2.04000	9.79	26.71	20.50	36.50	30.29	56.00	46.00	-19.50	-15.71
5	2.80725	9.78	29.50	24.05	39.28	33.83	56.00	46.00	-16.72	-12.17
6	4.08300	9.82	28.87	23.64	38.69	33.46	56.00	46.00	-17.31	-12.54

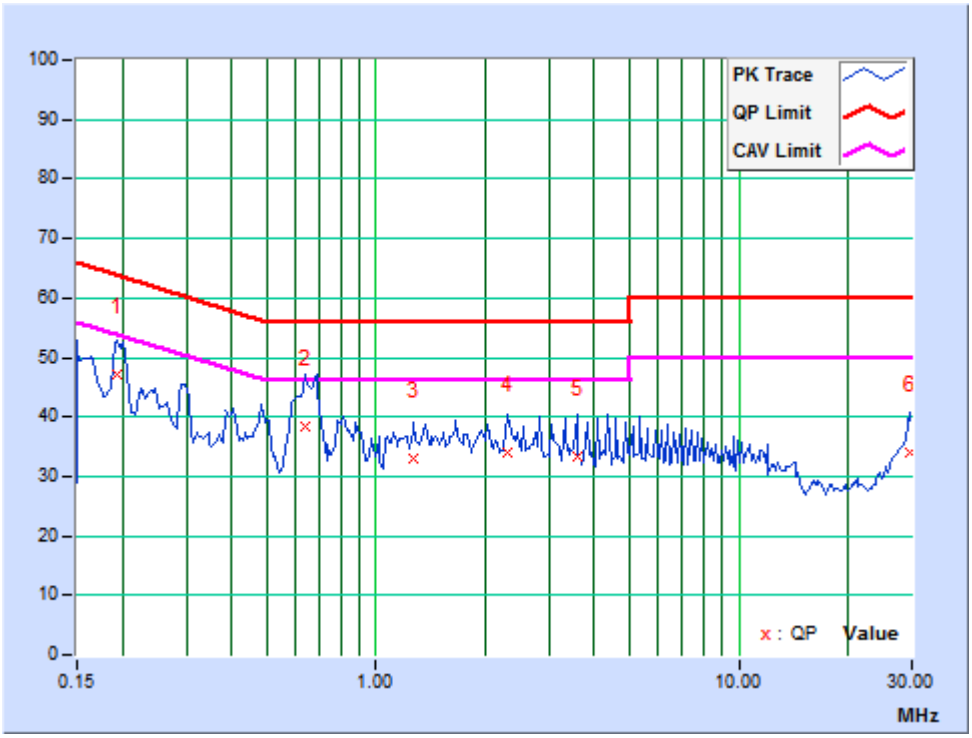
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	C	PHASE	Line(L)
TEST VOLTAGE	AC 120V/60Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60% RH	TESTED BY: Ming Bai	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.19300	9.78	37.45	16.59	47.23	26.37	63.91	53.91	-16.68	-27.54
2	0.63600	9.80	28.54	18.11	38.34	27.91	56.00	46.00	-17.66	-18.09
3	1.27500	9.82	23.15	12.83	32.97	22.65	56.00	46.00	-23.03	-23.35
4	2.29650	9.83	24.27	16.25	34.10	26.08	56.00	46.00	-21.90	-19.92
5	3.57225	9.85	23.51	16.73	33.36	26.58	56.00	46.00	-22.64	-19.42
6	29.49675	10.60	23.27	9.44	33.87	20.04	60.00	50.00	-26.13	-29.96

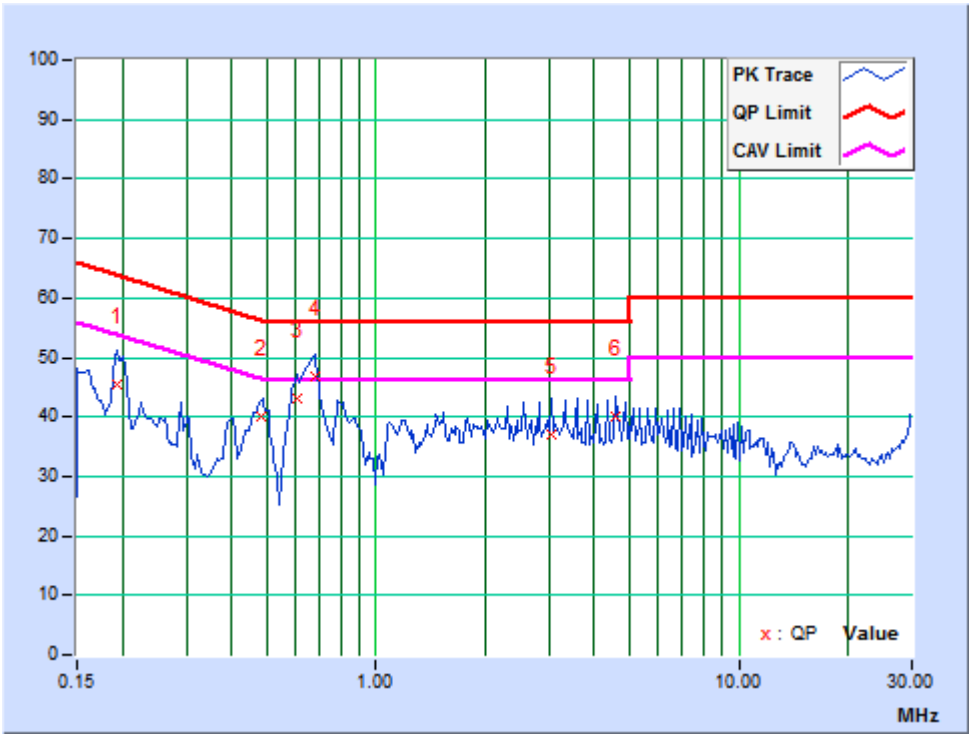
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	C	PHASE	Neutral (N)
TEST VOLTAGE	AC 120V/60Hz	6dB BANDWIDTH	9 kHz
ENVIRONMENTAL CONDITIONS	25deg. C, 60% RH	TESTED BY: Ming Bai	

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.19300	9.71	35.84	19.57	45.55	29.28	63.91	53.91	-18.35	-24.62
2	0.48539	9.74	30.25	17.89	39.99	27.63	56.25	46.25	-16.26	-18.62
3	0.60675	9.75	33.50	21.97	43.25	31.72	56.00	46.00	-12.75	-14.28
4	0.67650	9.75	36.94	25.31	46.69	35.06	56.00	46.00	-9.31	-10.94
5	3.06150	9.79	27.23	21.33	37.02	31.12	56.00	46.00	-18.98	-14.88
6	4.59600	9.82	30.36	24.57	40.18	34.39	56.00	46.00	-15.82	-11.61

REMARKS: The emission levels of other frequencies were very low against the limit.



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

TEST STANDARD: FCC Part 15, Subpart C, Section 15.209

Emissions radiated outside of the specified bands, shall be according to the general radiated limits as following:

FREQUENCIES (MHz)	FIELD STRENGTH (microvolts/meter)	MEASUREMENT DISTANCE (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
4. The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

4.2.2 TEST INSTRUMENTS

FREQUENCY 9KHz-30MHz

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101564	Mar. 18,20	Mar. 17,21
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	1519B-045	May 28,20	May 27,21
Amplifier	Burgeon	BPA-530	100210	Mar. 15,20	Mar. 14,21
Test Software	ADT	ADT_Radiated _V8.7.07	N/A	N/A	N/A

NOTES: 1. The test was performed in 10m Chamber.
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
3. The FCC Site Registration No. is 749762.

FREQUENCY 30MHz-1GHz

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESU40	100449	Mar. 18,20	Mar. 17,21
Bilog Antenna	Teseq	CBL 6111D	30643	Jun. 23,20	Jun. 22,21
Amplifier	Burgeon	BPA-530	100220	Mar. 15,20	Mar. 14,21
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	NSEMC003	Apr. 21,20	Apr. 20,21
Test software	ADT	ADT_Radiated _V7.6.15.9.2	N/A	N/A	N/A

NOTES: 1. The test was performed in 966 Chamber
2. The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
3. The FCC Site Registration No. is 749762.

4.2.3 TEST PROCEDURE

< Below 30MHz >

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meters Semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. 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.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. 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.

<30MHz~1GHz >

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The antenna is a broadband antenna, and its height 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.
d. 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.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

NOTES:

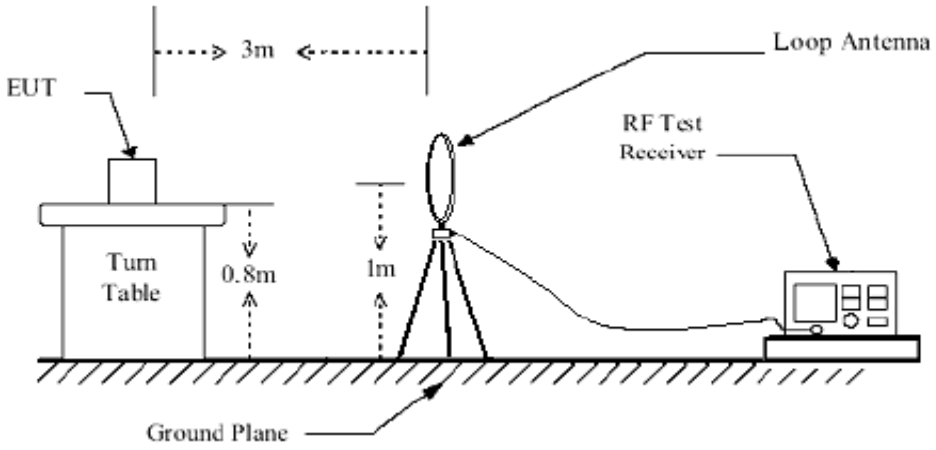
1. The resolution bandwidth of test receiver/spectrum analyzer is 100kHz for peak detection (PK) at fundamental frequency below 30MHz; The resolution bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at radiated spurious emission frequency below 1GHz.
2. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
3. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
4. Margin value = Emission level – Limit value.

4.2.4 DEVIATION FROM TEST STANDARD

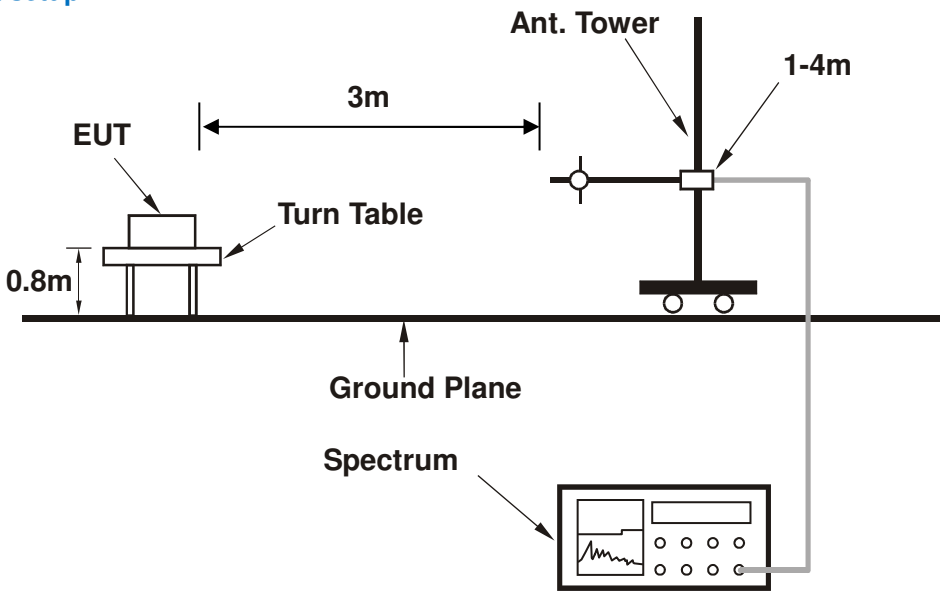
No deviation.

4.2.5 TEST SETUP

Below 30MHz test setup



Below 1GHz test setup



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

4.2.6 EUT OPERATING CONDITIONS

a. Turn on the EUT.

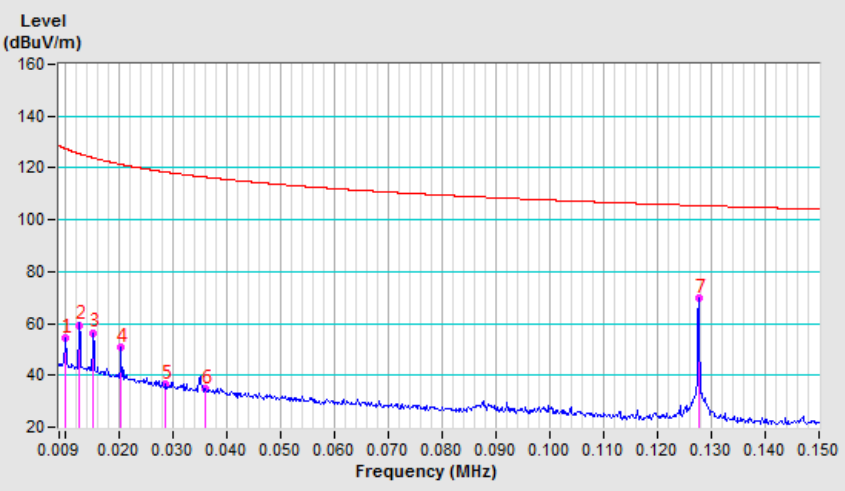
b. The EUT tested in charging mode and standby mode respectively.

4.2.7 TEST RESULTS

Charging Mode

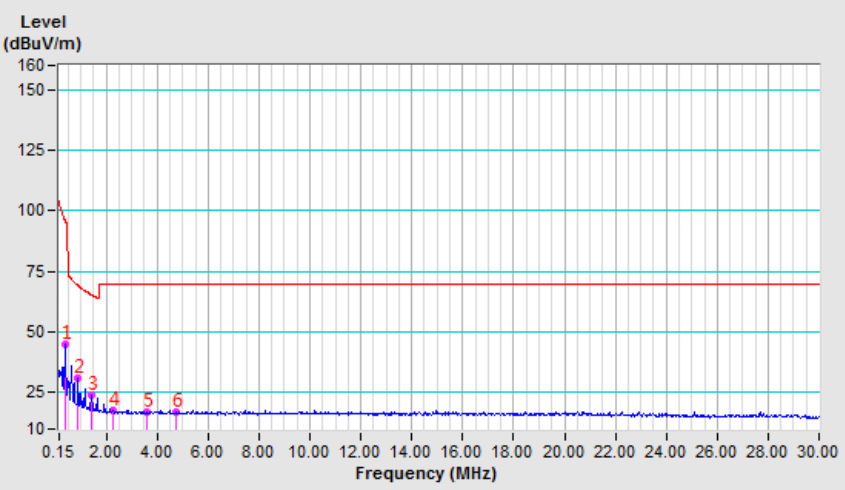
Test Mode	A	Frequency Range	9 kHz ~ 150 kHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01020 AV	-10.05	64.17	54.12	127.43	-73.31	100	360
2	0.01280 AV	-10.21	69.51	59.30	125.43	-66.13	100	340
3	0.01530 AV	-10.36	66.81	56.45	123.88	-67.43	100	360
4	0.02050 AV	-10.67	61.32	50.65	121.38	-70.73	100	34
5	0.02870 AV	-11.16	47.74	36.58	118.46	-81.88	100	288
6	0.03620 AV	-11.35	45.88	34.53	116.44	-81.91	100	56
7	*0.12770 AV	-11.84	81.70	69.86	105.48	-35.62	100	125



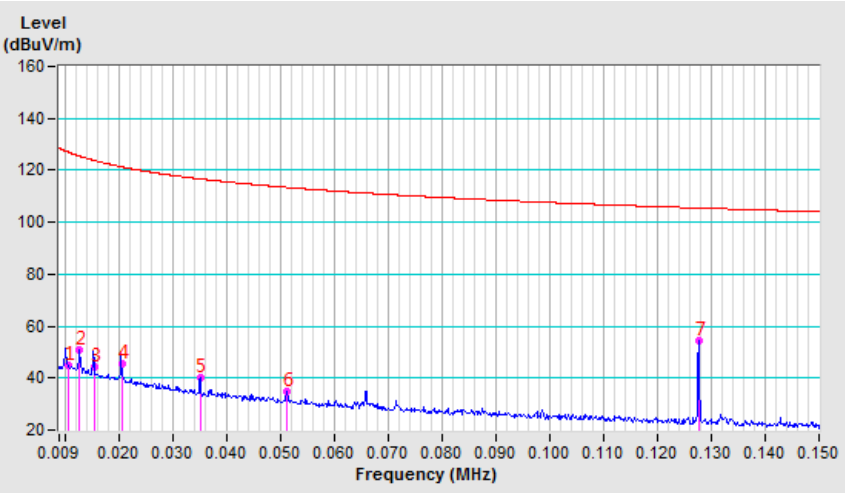
Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.38280 AV	-12.10	57.02	44.92	95.94	-51.02	100	145
2	0.89330 QP	-11.99	43.26	31.27	69.07	-37.80	100	145
3	1.40380 QP	-12.04	36.04	24.00	65.50	-41.50	100	145
4	2.26800 QP	-12.05	29.56	17.51	69.54	-52.03	100	60
5	3.59780 QP	-11.97	28.96	16.99	69.54	-52.55	100	241
6	4.76210 QP	-11.97	29.08	17.11	69.54	-52.43	100	134



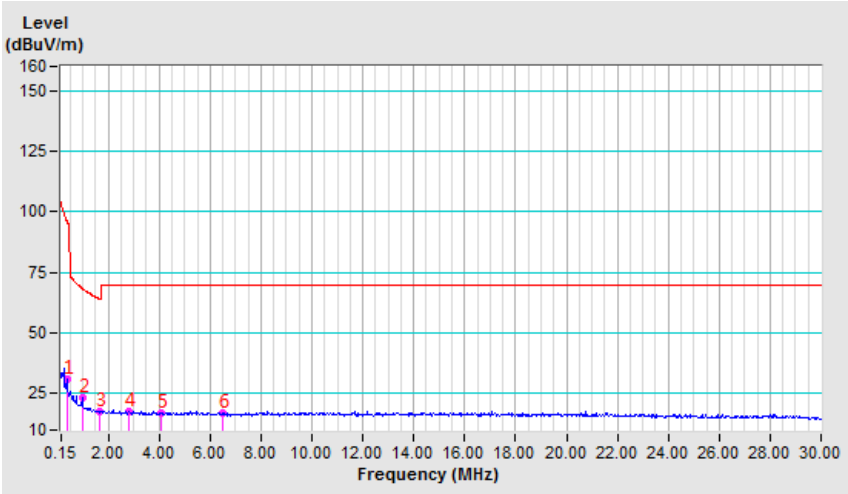
Test Mode	A	Frequency Range	9 kHz ~ 150 kHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01070 AV	-10.08	54.88	44.80	127.01	-82.21	100	10
2	0.01280 AV	-10.21	61.03	50.82	125.47	-74.65	100	151
3	0.01550 AV	-10.37	54.64	44.27	123.78	-79.51	100	232
4	0.02060 AV	-10.68	55.95	45.27	121.32	-76.05	100	270
5	0.03510 AV	-11.34	51.31	39.97	116.69	-76.72	100	353
6	0.05120 AV	-11.56	46.26	34.70	113.42	-78.72	100	360
7	*0.12770 AV	-11.84	66.04	54.20	105.48	-51.28	100	47



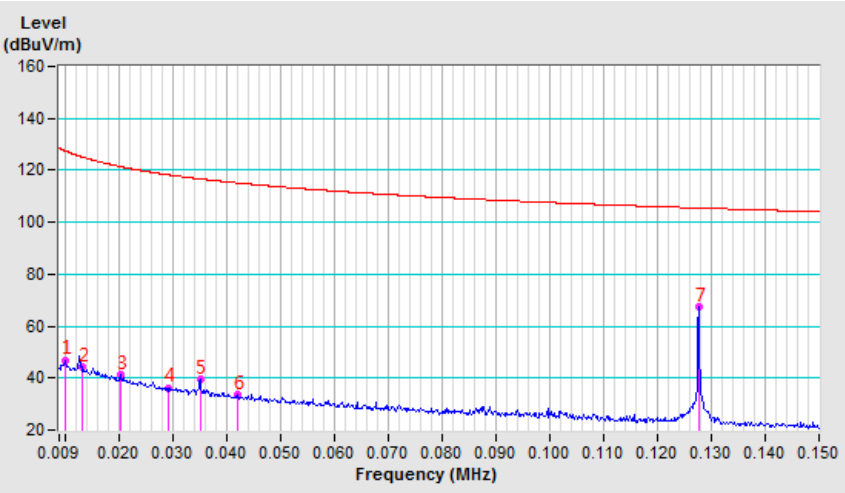
Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.38280 AV	-12.10	43.11	31.01	95.94	-64.93	100	77
2	0.97390 QP	-12.00	35.23	23.23	68.38	-45.15	100	47
3	1.66790 QP	-12.05	29.84	17.79	64.14	-46.35	100	279
4	2.80530 QP	-12.02	29.77	17.75	69.54	-51.79	100	17
5	4.05910 QP	-11.94	28.86	16.92	69.54	-52.62	100	360
6	6.51880 QP	-11.95	28.89	16.94	69.54	-52.60	100	255



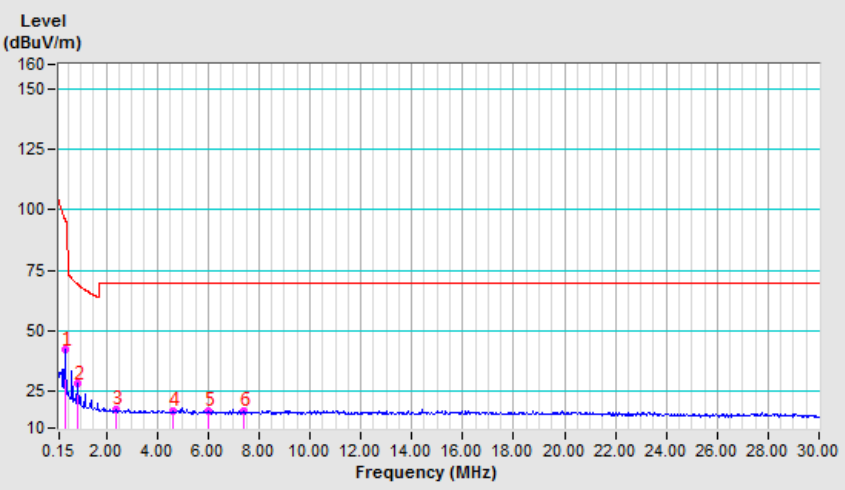
Test Mode	A	Frequency Range	9 kHz ~ 150 kHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA GROUND-PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01020 AV	-10.05	57.01	46.96	127.43	-80.47	100	53
2	0.01340 AV	-10.24	54.46	44.22	125.09	-80.87	100	241
3	0.02050 AV	-10.67	52.05	41.38	121.37	-79.99	100	288
4	0.02920 AV	-11.19	47.50	36.31	118.29	-81.98	100	229
5	0.03510 AV	-11.34	50.82	39.48	116.69	-77.21	100	286
6	0.04220 AV	-11.44	44.98	33.54	115.10	-81.56	100	327
7	*0.12770 AV	-11.84	79.30	67.46	105.48	-38.02	100	37



Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

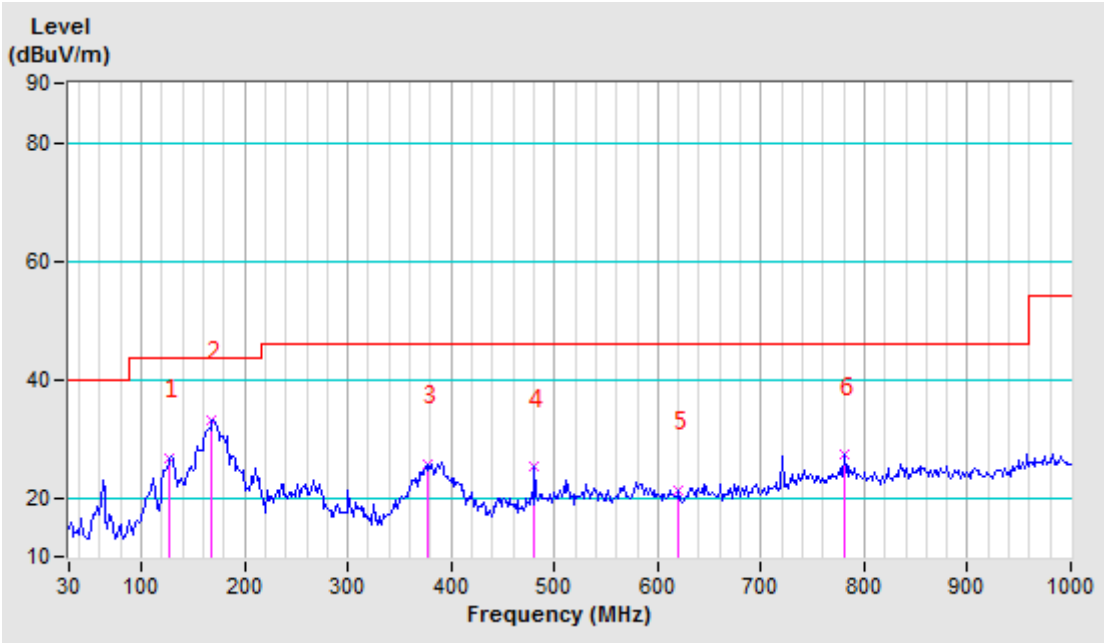
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA GROUND-PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.38280 AV	-12.10	54.27	42.17	95.94	-53.77	100	198
2	0.89330 QP	-11.99	40.18	28.19	69.07	-40.88	100	175
3	2.40830 QP	-12.04	29.48	17.44	69.54	-52.10	100	150
4	4.60530 QP	-11.95	28.94	16.99	69.54	-52.55	100	283
5	6.01430 QP	-11.97	28.80	16.83	69.54	-52.71	100	130
6	7.37110 QP	-11.91	29.10	17.19	69.54	-52.35	100	8



Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

Antenna Polarity & Test Distance: Horizontal At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	127.93	-19.28	46.03	26.75	43.50	-16.75	100	38
2	168.35	-17.86	50.90	33.04	43.50	-10.46	100	48
3	378.21	-11.98	37.59	25.61	46.00	-20.39	100	27
4	480.80	-10.05	35.17	25.12	46.00	-20.88	100	16
5	620.71	-6.70	28.05	21.35	46.00	-24.65	100	7
6	780.82	-3.54	30.70	27.16	46.00	-18.84	100	61

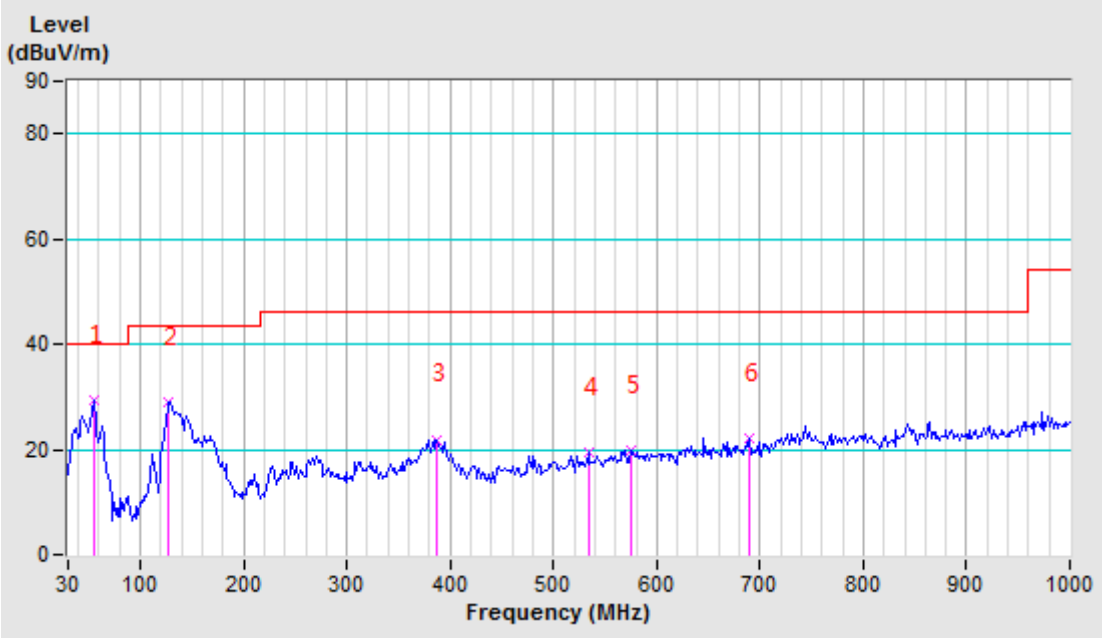
REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions significantly above equipment noise floor are reported.



Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

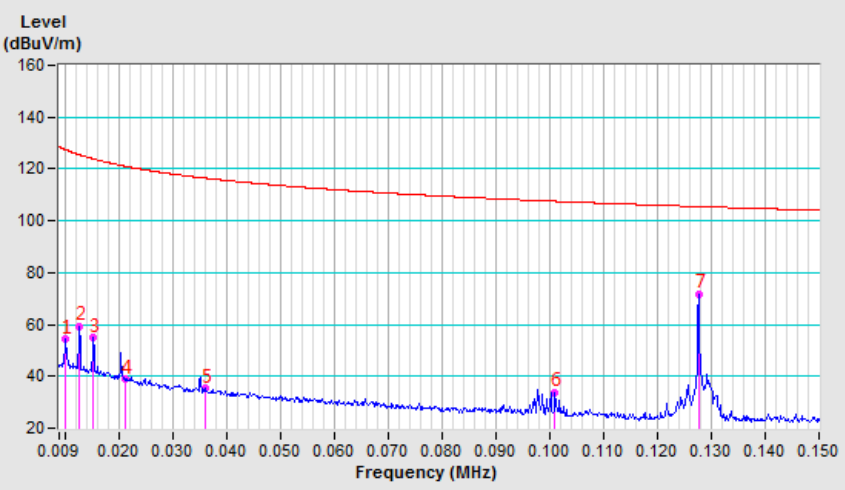
Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	54.87	-22.94	52.20	29.26	40.00	-10.74	100	43
2	127.93	-19.28	48.27	28.99	43.50	-14.51	100	42
3	387.53	-11.82	33.72	21.90	46.00	-24.10	100	43
4	533.65	-8.40	27.78	19.38	46.00	-26.62	100	204
5	575.62	-7.15	26.99	19.84	46.00	-26.16	100	33
6	689.10	-5.65	27.76	22.11	46.00	-23.89	100	326

REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions significantly above equipment noise floor are reported.



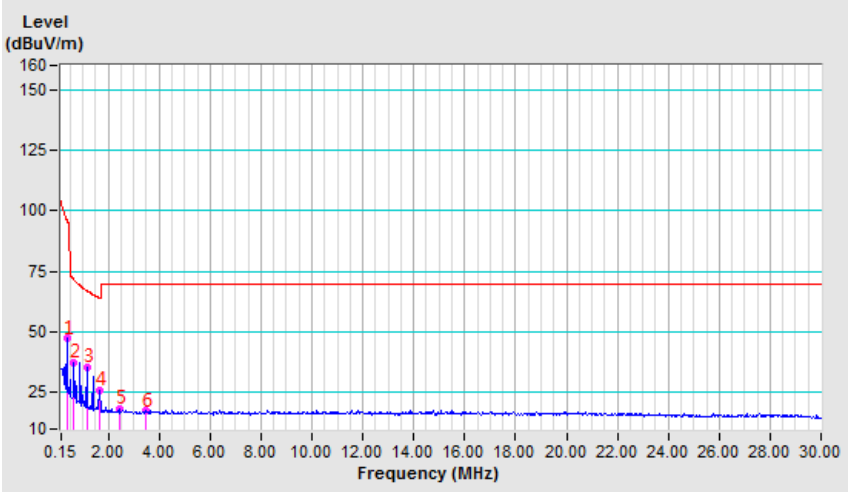
Test Mode	B	Frequency Range	9 kHz ~ 150 kHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01020 AV	-10.05	64.45	54.40	127.42	-73.02	100	33
2	0.01280 AV	-10.21	69.42	59.21	125.45	-66.24	100	245
3	0.01540 AV	-10.36	65.24	54.88	123.88	-69.00	100	325
4	0.02120 AV	-10.71	49.69	38.98	121.07	-82.09	100	71
5	0.03600 AV	-11.35	46.62	35.27	116.48	-81.21	100	32
6	0.10100 QP	-11.78	45.67	33.89	107.52	-73.63	100	178
7	*0.12770 AV	-11.84	83.73	71.89	105.48	-33.59	100	0



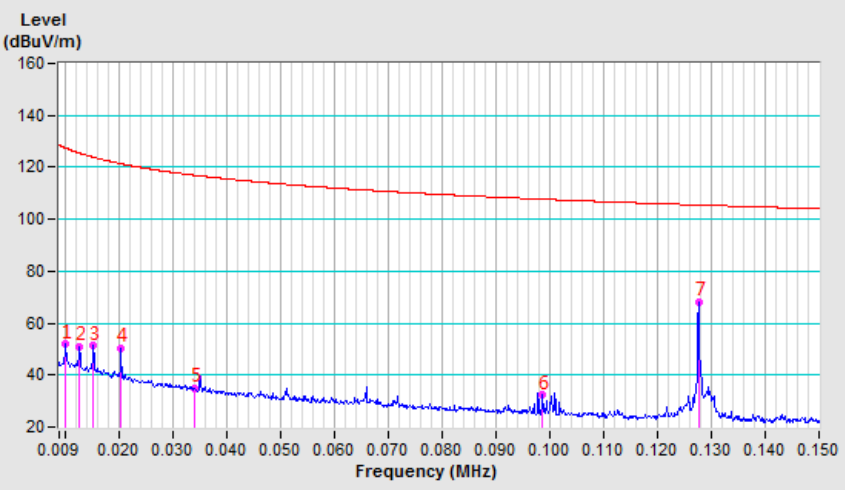
Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.38280 AV	-12.10	59.35	47.25	95.94	-48.69	100	334
2	0.63810 QP	-11.96	49.22	37.26	71.72	-34.46	100	346
3	1.14850 QP	-12.02	47.37	35.35	67.08	-31.73	100	320
4	1.65900 QP	-12.05	38.21	26.16	64.19	-38.03	100	329
5	2.42620 QP	-12.05	30.09	18.04	69.54	-51.50	100	330
6	3.47990 QP	-11.98	29.36	17.38	69.54	-52.16	100	11



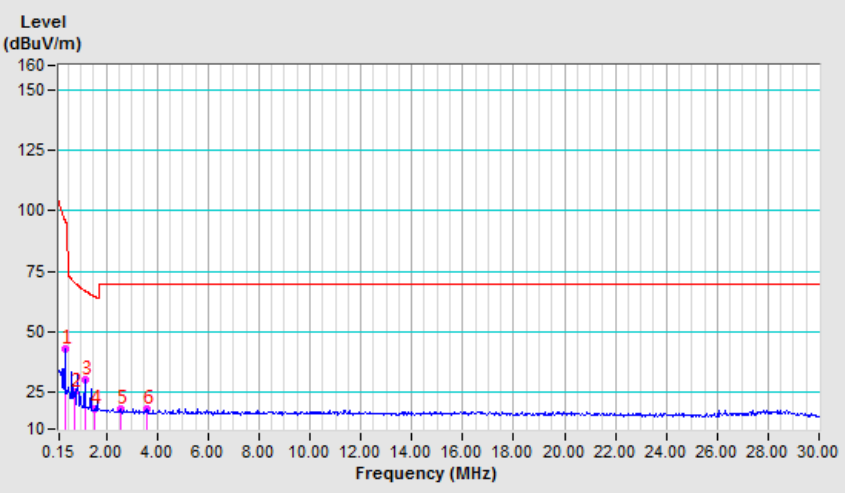
Test Mode	B	Frequency Range	9 kHz ~ 150 kHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01020 AV	-10.05	61.79	51.74	127.42	-75.68	100	56
2	0.01280 AV	-10.21	61.26	51.05	125.47	-74.42	100	154
3	0.01540 AV	-10.36	61.66	51.30	123.88	-72.58	100	122
4	0.02050 AV	-10.67	61.01	50.34	121.38	-71.04	100	360
5	0.03400 AV	-11.31	46.40	35.09	116.97	-81.88	100	274
6	0.09870 QP	-11.77	44.23	32.46	107.72	-75.26	100	258
7	*0.12770 AV	-11.84	80.10	68.26	105.48	-37.22	100	73



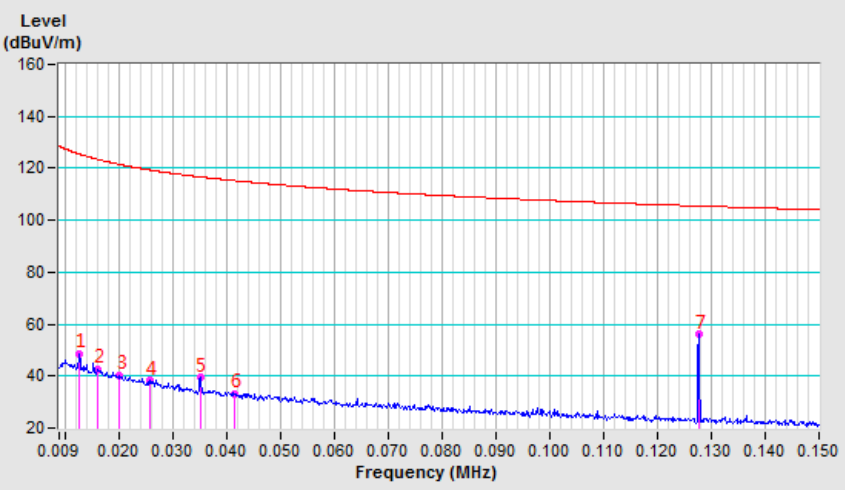
Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.38280 AV	-12.10	55.21	43.11	95.94	-52.83	100	252
2	0.76490 QP	-11.97	37.22	25.25	70.29	-45.04	100	95
3	1.14850 QP	-12.02	42.62	30.60	67.08	-36.48	100	61
4	1.55600 QP	-12.04	30.44	18.40	64.69	-46.29	100	75
5	2.55300 QP	-12.03	30.59	18.56	69.54	-50.98	100	179
6	3.57400 QP	-11.96	30.14	18.18	69.54	-51.36	100	214



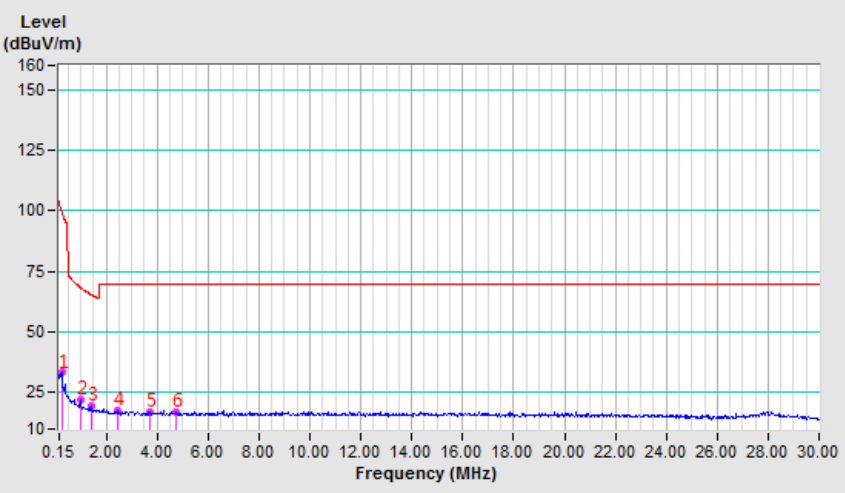
Test Mode	B	Frequency Range	9 kHz ~ 150 kHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA GROUND-PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01280 AV	-10.21	58.75	48.54	125.48	-76.94	100	165
2	0.01600 AV	-10.40	53.03	42.63	123.52	-80.89	100	112
3	0.02030 AV	-10.66	51.04	40.38	121.47	-81.09	100	180
4	0.02570 AV	-10.98	49.27	38.29	119.40	-81.11	100	253
5	0.03510 AV	-11.34	50.79	39.45	116.69	-77.24	100	213
6	0.04150 AV	-11.43	44.70	33.27	115.23	-81.96	100	321
7	*0.12770 AV	-11.84	68.00	56.16	105.48	-49.32	100	179



Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

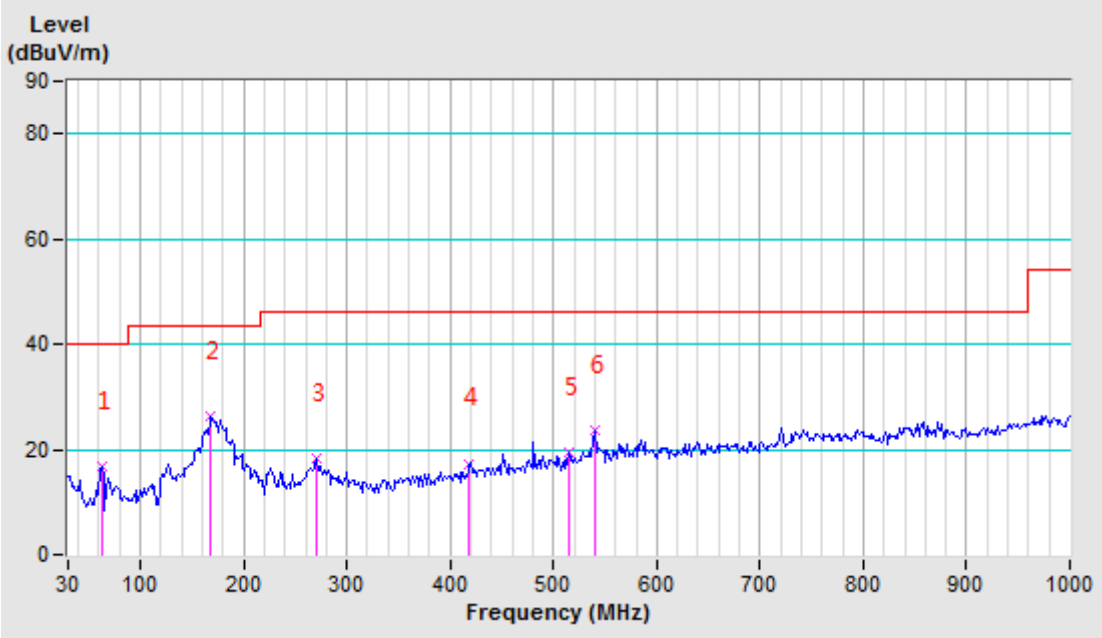
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA GROUND-PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.24250 AV	-12.06	45.32	33.26	99.91	-66.65	100	27
2	0.97390 QP	-12.00	34.26	22.26	68.38	-46.12	100	25
3	1.43060 QP	-12.04	31.59	19.55	65.35	-45.80	100	0
4	2.47240 QP	-12.04	29.62	17.58	69.54	-51.96	100	0
5	3.71580 QP	-11.96	29.14	17.18	69.54	-52.36	100	33
6	4.76500 QP	-11.96	28.91	16.95	69.54	-52.59	100	0



Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

Antenna Polarity & Test Distance: Horizontal At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	62.64	-24.86	41.62	16.76	40.00	-23.24	100	43
2	168.35	-17.86	44.13	26.27	43.50	-17.23	100	42
3	270.95	-15.57	33.89	18.32	46.00	-27.68	100	43
4	418.62	-11.05	28.37	17.32	46.00	-28.68	100	204
5	515.00	-9.15	28.73	19.58	46.00	-26.42	100	33
6	539.87	-8.11	31.62	23.51	46.00	-22.49	100	326

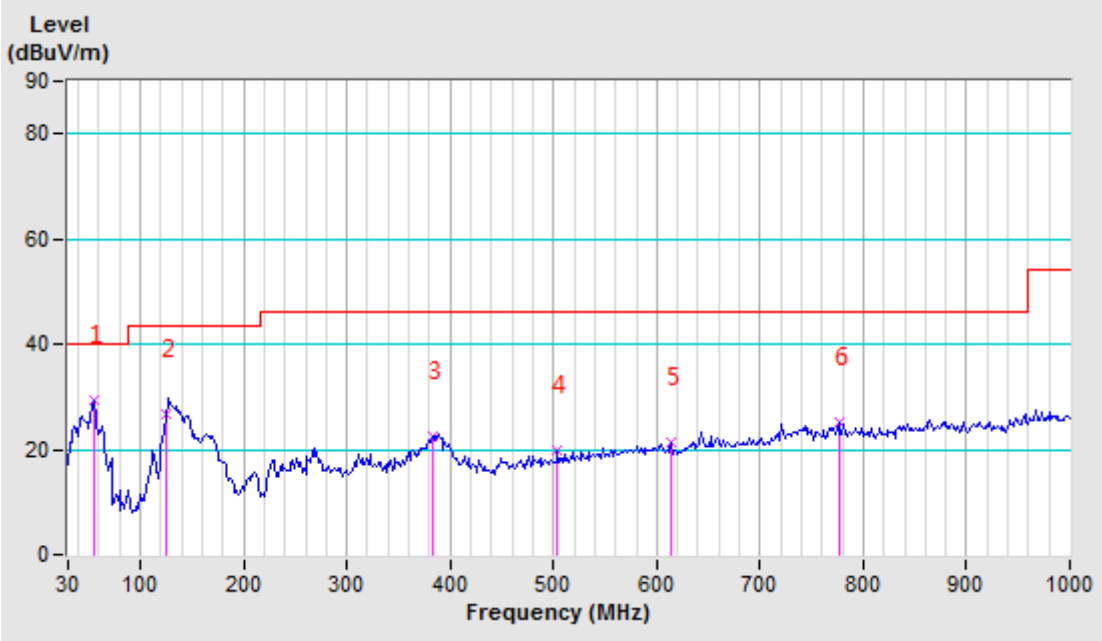
REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions significantly above equipment noise floor are reported.



Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

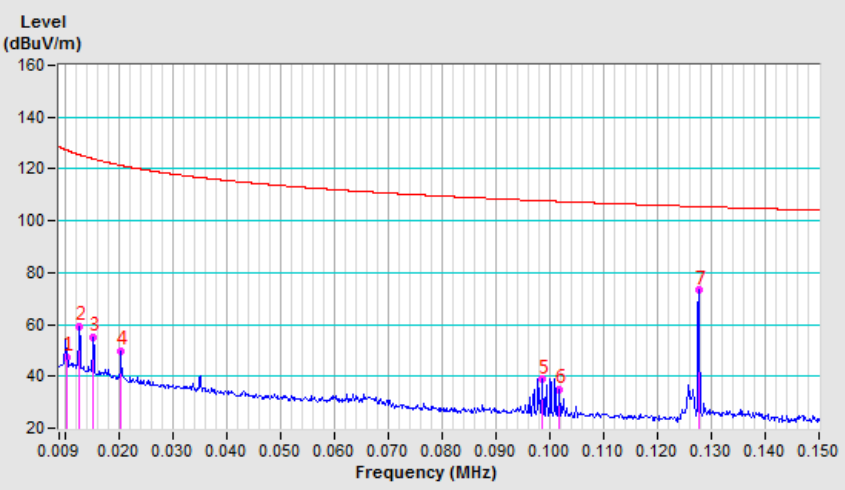
Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	54.87	-22.94	52.20	29.26	40.00	-10.74	100	43
2	124.82	-19.50	46.12	26.62	43.50	-16.88	100	42
3	382.87	-11.89	34.38	22.49	46.00	-23.51	100	43
4	504.12	-9.34	29.09	19.75	46.00	-26.25	100	204
5	614.49	-6.74	28.17	21.43	46.00	-24.57	100	33
6	776.15	-3.55	28.59	25.04	46.00	-20.96	100	326

REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions significantly above equipment noise floor are reported.



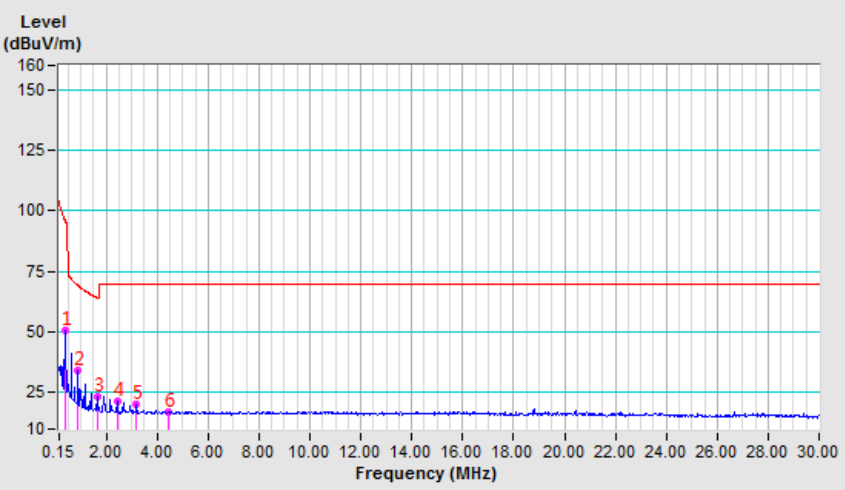
Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01040 AV	-10.07	57.60	47.53	127.23	-79.70	100	184
2	0.01280 AV	-10.21	69.66	59.45	125.46	-66.01	100	203
3	0.01540 AV	-10.36	65.50	55.14	123.88	-68.74	100	360
4	0.02050 AV	-10.67	60.38	49.71	121.38	-71.67	100	15
5	0.09860 QP	-11.77	50.62	38.85	107.72	-68.87	100	189
6	0.10170 QP	-11.78	46.69	34.91	107.45	-72.54	100	184
7	*0.12770 AV	-11.84	85.11	73.27	105.48	-32.21	100	170



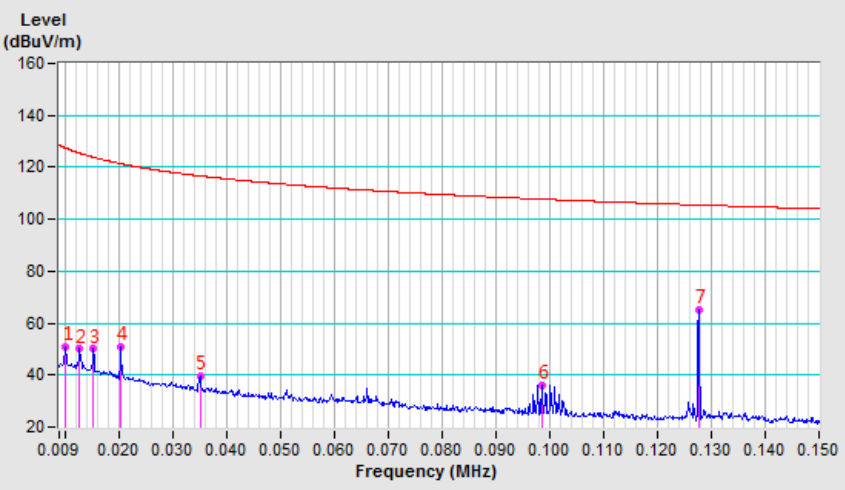
Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.38280 AV	-12.10	62.76	50.66	95.94	-45.28	100	170
2	0.89330 QP	-11.99	46.29	34.30	69.07	-34.77	100	164
3	1.65900 QP	-12.05	35.64	23.59	64.19	-40.60	100	168
4	2.42620 QP	-12.05	33.77	21.72	69.54	-47.82	100	184
5	3.19190 QP	-11.99	31.95	19.96	69.54	-49.58	100	168
6	4.41730 QP	-11.95	29.10	17.15	69.54	-52.39	100	245



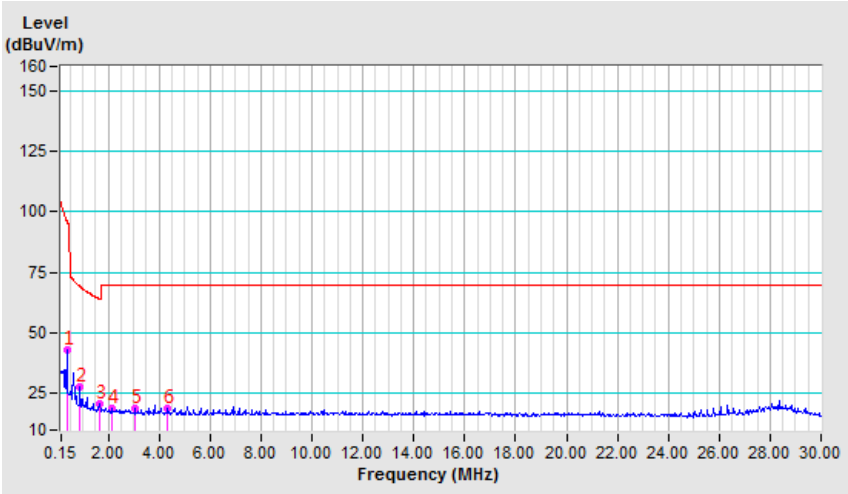
Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01030 AV	-10.06	60.98	50.92	127.38	-76.46	100	279
2	0.01280 AV	-10.21	60.45	50.24	125.45	-75.21	100	128
3	0.01530 AV	-10.36	60.62	50.26	123.88	-73.62	100	251
4	0.02040 AV	-10.67	61.78	51.11	121.39	-70.28	100	300
5	0.03510 AV	-11.34	50.98	39.64	116.69	-77.05	100	176
6	0.09860 QP	-11.77	47.89	36.12	107.73	-71.61	100	252
7	*0.12770 AV	-11.84	77.09	65.25	105.48	-40.23	100	81



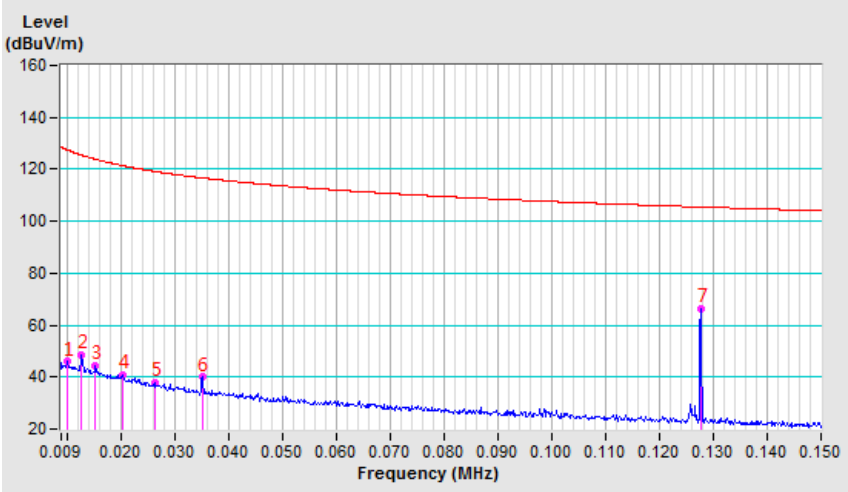
Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.38280 AV	-12.10	55.02	42.92	95.94	-53.02	100	78
2	0.89330 QP	-11.99	39.74	27.75	69.07	-41.32	100	69
3	1.66050 QP	-12.05	33.09	21.04	64.18	-43.14	100	252
4	2.17090 QP	-12.06	30.75	18.69	69.54	-50.85	100	271
5	3.06500 QP	-12.00	30.97	18.97	69.54	-50.57	100	266
6	4.34110 QP	-11.95	30.95	19.00	69.54	-50.54	100	161



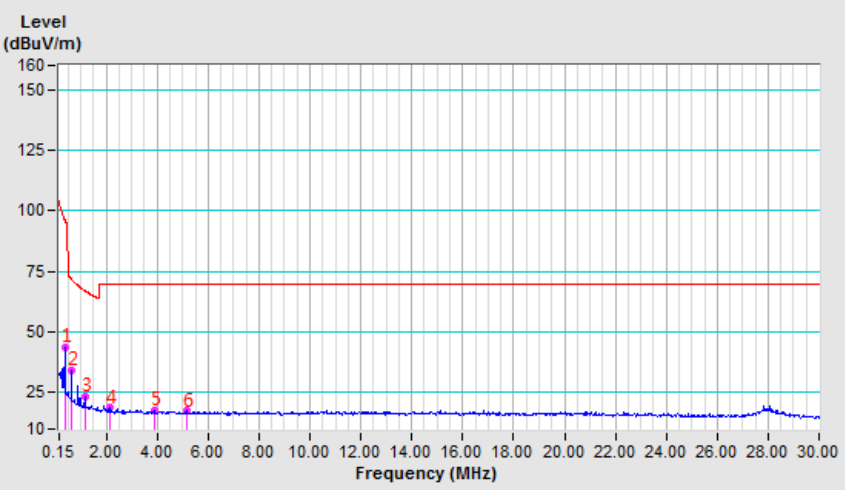
Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA GROUND-PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.01020 AV	-10.05	56.15	46.10	127.45	-81.35	100	240
2	0.01280 AV	-10.21	58.73	48.52	125.47	-76.95	100	152
3	0.01540 AV	-10.36	54.81	44.45	123.88	-79.43	100	122
4	0.02040 AV	-10.67	51.56	40.89	121.39	-80.50	100	85
5	0.02650 AV	-11.03	49.01	37.98	119.14	-81.16	100	195
6	0.03510 AV	-11.34	51.42	40.08	116.69	-76.61	100	1
7	*0.12770 AV	-11.84	78.29	66.45	105.48	-39.03	100	176



Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

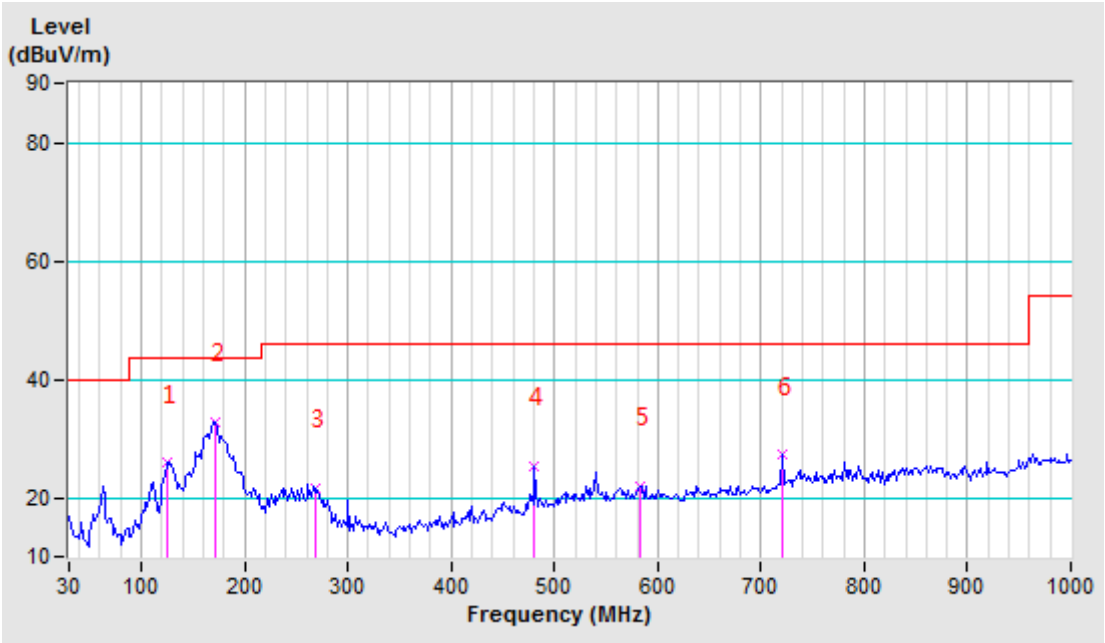
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA GROUND-PARALLEL AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.38280 AV	-12.10	56.01	43.91	95.94	-52.03	100	165
2	0.63810 QP	-11.96	46.31	34.35	71.72	-37.37	100	168
3	1.14850 QP	-12.02	35.19	23.17	67.08	-43.91	100	203
4	2.17090 QP	-12.06	30.71	18.65	69.54	-50.89	100	216
5	3.92170 QP	-11.95	29.36	17.41	69.54	-52.13	100	0
6	5.15610 QP	-11.97	29.33	17.36	69.54	-52.18	100	26



Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

Antenna Polarity & Test Distance: Horizontal At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	124.82	-19.50	45.33	25.83	43.50	-17.67	100	43
2	171.46	-18.18	50.95	32.77	43.50	-10.73	100	42
3	269.39	-15.60	37.24	21.64	46.00	-24.36	100	43
4	480.80	-10.05	35.22	25.17	46.00	-20.83	100	204
5	583.40	-7.01	28.98	21.97	46.00	-24.03	100	33
6	720.19	-4.66	31.81	27.15	46.00	-18.85	100	326

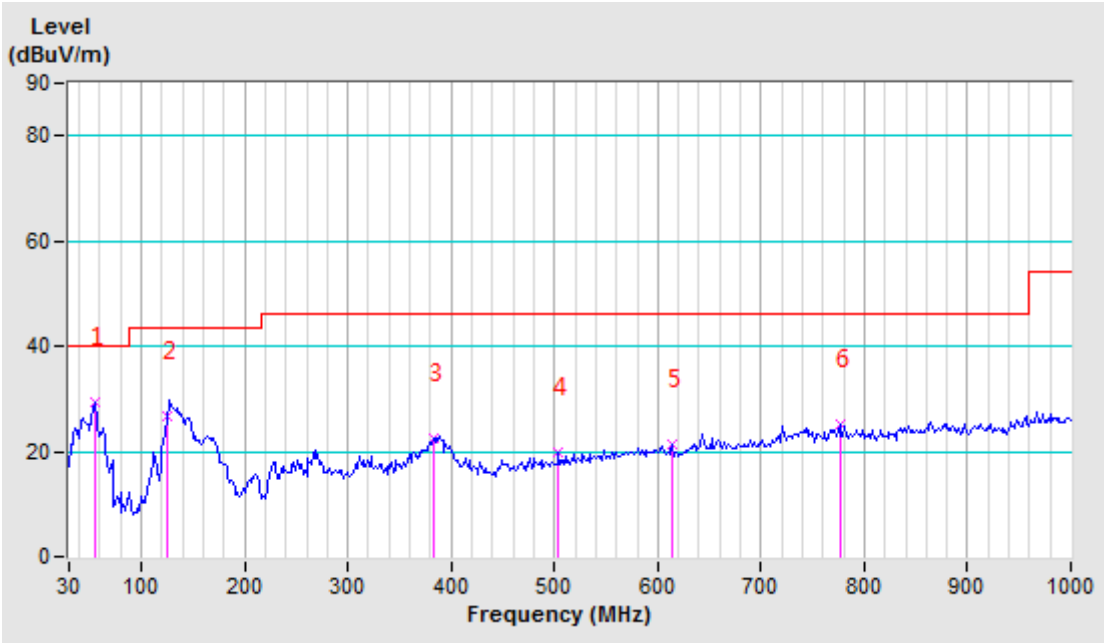
REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions significantly above equipment noise floor are reported.



Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V/60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	21deg. C, 67% RH	Tested By	Vincent

Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	54.87	-22.94	52.20	29.26	40.00	-10.74	100	43
2	124.82	-19.50	46.12	26.62	43.50	-16.88	100	42
3	382.87	-11.89	34.38	22.49	46.00	-23.51	100	43
4	504.12	-9.34	29.09	19.75	46.00	-26.25	100	204
5	614.49	-6.74	28.17	21.43	46.00	-24.57	100	33
6	776.15	-3.55	28.59	25.04	46.00	-20.96	100	326

REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions significantly above equipment noise floor are reported.



4.3. 20dB BANDWIDTH MEASUREMENT

4.3.1 LIMITS OF 20dB BANDWIDTH MEASUREMENT

The field strength of any emissions appearing between the band edges and out of band shall be attenuated at least 20 dB below the level of the unmodulated carrier or to the general limits in Section 15.209.

4.3.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101564	Mar. 18,20	Mar. 17,21
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	1519B-045	May 30,20	May 29,21
Amplifier	Burgeon	BPA-530	100210	Mar. 15,20	Mar. 14,21
Test Software	ADT	ADT_Radiated _V8.7.07	N/A	N/A	N/A

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

4.3.3 TEST PROCEDURE

a. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.

b. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.

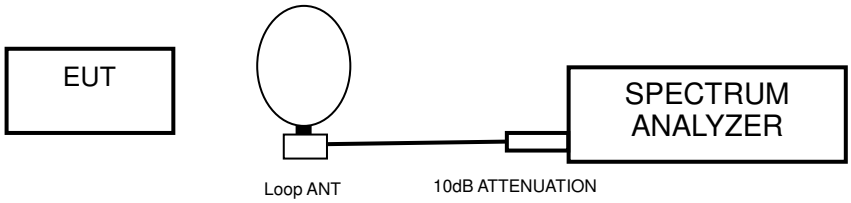
c. Measure the frequency difference of two frequencies that were attenuated 20dB from the reference level. Record the frequency difference as the emission bandwidth.

d. Repeat above procedures until all frequencies measured were complete.

4.3.4 DEVIATION FROM TEST STANDARD

No deviation.

4.3.5 TEST SETUP



4.3.6 EUT OPERATING CONDITION

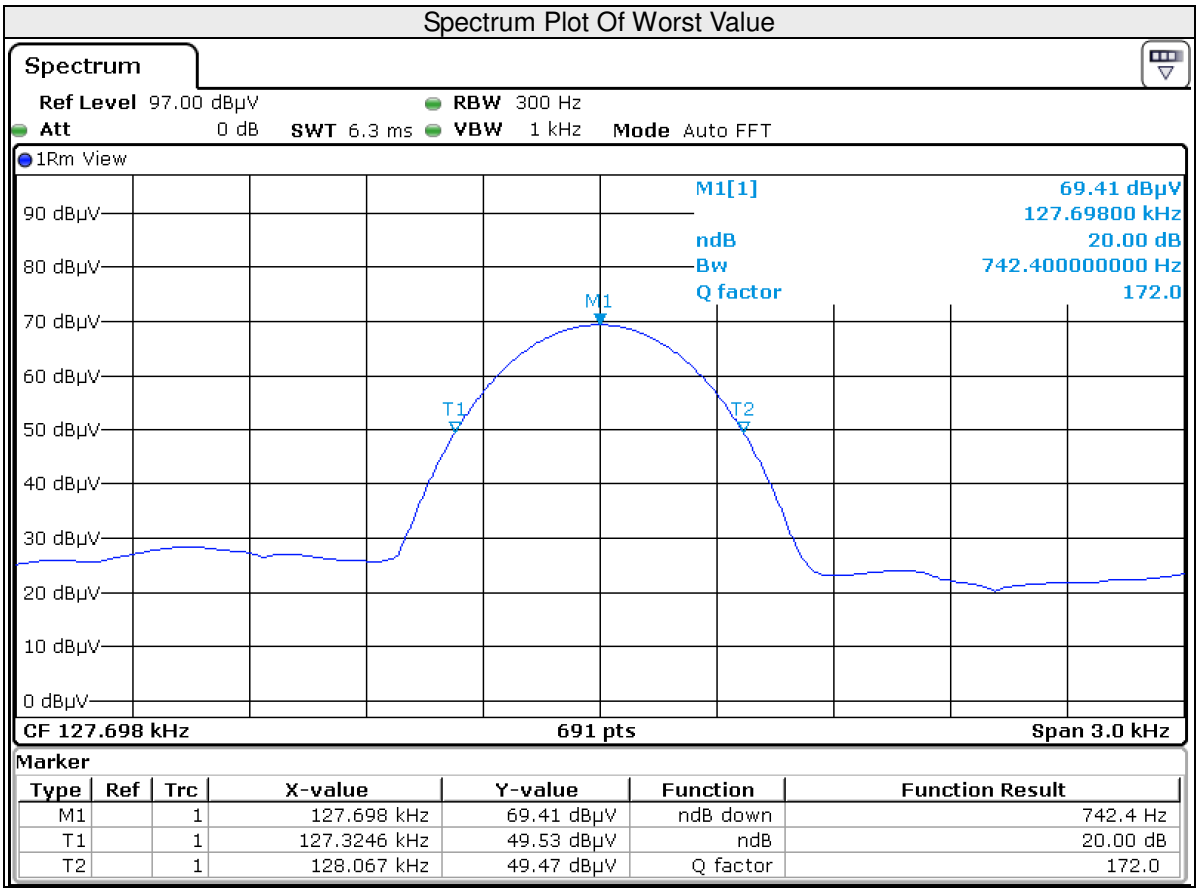
a. Turn on the EUT.
b. The EUT tested in charging mode and standby mode respectively.

4.3.7 TEST RESULTS

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
A	127.698	742.4

Test Plot:

Spectrum Plot Of Worst Value



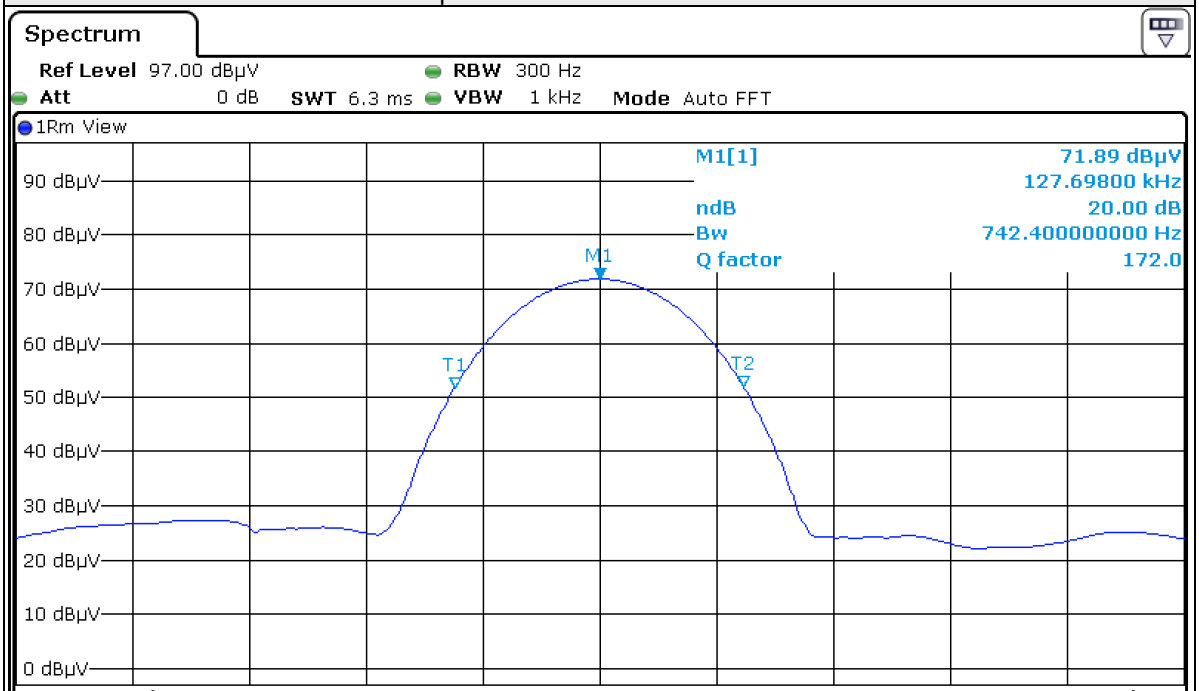
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	127.698 kHz	69.41 dBµV	ndB down	742.4 Hz
T1		1	127.3246 kHz	49.53 dBµV	ndB	20.00 dB
T2		1	128.067 kHz	49.47 dBµV	Q factor	172.0

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
B	127.698	742.4

Test Plot:

Spectrum Plot Of Worst Value



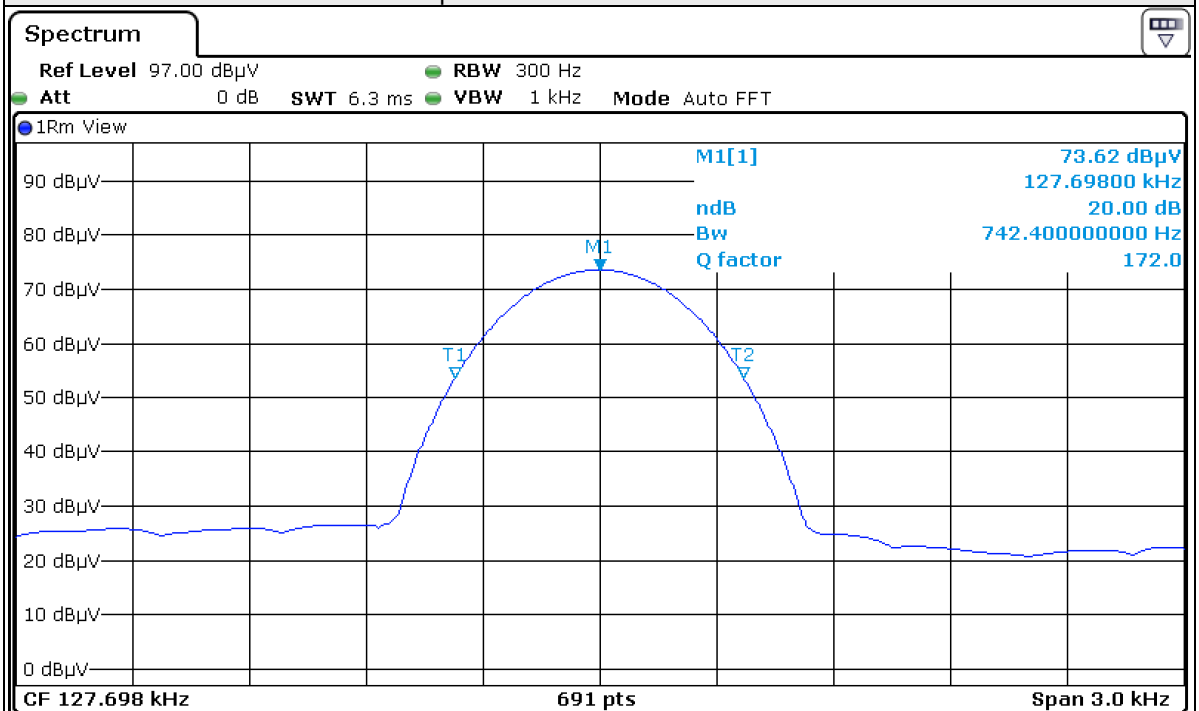
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	127.698 kHz	71.89 dBµV	ndB down	742.4 Hz
T1		1	127.3246 kHz	51.90 dBµV	ndB	20.00 dB
T2		1	128.067 kHz	51.95 dBµV	Q factor	172.0

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
C	127.698	742.4

Test Plot:

Spectrum Plot Of Worst Value



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	127.698 kHz	73.62 dBµV	ndB down	742.4 Hz
T1		1	127.3246 kHz	53.68 dBµV	ndB	20.00 dB
T2		1	128.067 kHz	53.73 dBµV	Q factor	172.0

5 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

6 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications were made to the EUT by the lab during the test.

---END---