



Test Report No.: RF2404WDG0125



TEST REPORT



Applicant	Belkin International, Inc.
Address	555 S. Aviation Blvd., Suite 180, El Segundo, CA 90245, USA

Manufacturer or Supplier	Belkin International, Inc.
Address	555 S. Aviation Blvd., Suite 180, El Segundo, CA 90245, USA
Product	BoostCharge Pro Magnetic Power Bank 10K with Integrated Cable
Brand Name	belkin
Model	BPD009
Additional Model & Model Difference	N/A
Date of tests	Apr. 19, 2024 ~ Apr. 30, 2024

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 Eric Fang Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	

Date: May 08, 2024

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TABLE OF CONTENTS

RELEASE CONTROL RECORD	3
1 SUMMARY OF TEST RESULTS	4
2 MEASUREMENT UNCERTAINTY	4
3 GENERAL INFORMATION.....	5
3.1 GENERAL DESCRIPTION OF EUT	5
3.2 DESCRIPTION OF TEST MODES.....	6
3.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL.....	6
3.4 DESCRIPTION OF SUPPORT UNITS	7
3.5 CONFIGURATION OF SYSTEM UNDER TEST	8
3.6 GENERAL DESCRIPTION OF APPLIED STANDARDS	8
4 EMISSION TEST.....	9
4.1 CONDUCTED EMISSION MEASUREMENT	9
4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT	9
4.1.2 TEST INSTRUMENTS.....	9
4.1.3 TEST PROCEDURE.....	10
4.1.4 DEVIATION FROM TEST STANDARD	10
4.1.5 TEST SETUP.....	11
4.1.6 EUT OPERATING CONDITIONS	11
4.1.7 TEST RESULTS	12
5 EMISSION TEST.....	16
5.1 RADIATED EMISSION MEASUREMENT	16
5.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT	16
5.1.2 TEST INSTRUMENTS.....	17
5.1.3 TEST PROCEDURE.....	18
5.1.4 DEVIATION FROM TEST STANDARD	18
5.1.5 TEST SETUP.....	19
5.1.6 EUT OPERATING CONDITIONS	19
5.1.7 TEST RESULTS	20
4.2 20DB BANDWIDTH MEASUREMENT	44
4.2.1 LIMITS OF 20DB BANDWIDTH MEASUREMENT	44
4.2.2 TEST INSTRUMENTS.....	44
4.2.3 TEST PROCEDURE.....	44
4.2.4 DEVIATION FROM TEST STANDARD	45
4.2.5 TEST SETUP.....	45
4.2.6 EUT OPERATING CONDITION	45
4.2.7 TEST RESULTS	46
6 PHOTOGRAPHS OF THE TEST CONFIGURATION	50
7 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB	51



BUREAU
VERITAS

Test Report No.: RF2404WDG0125

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF24004WDG0125	Original release	May 08, 2024



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
	150KHz ~ 30MHz	3.36dB
Radiated emissions	9KHz ~ 30MHz	2.80dB
	30MHz ~ 1GMHz	4.69dB

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	BoostCharge Pro Magnetic Power Bank 10K with Integrated Cable
MODEL NO.	BPD009
ADDITIONAL MODE	N/A
SAMPLE STATUS	Engineering sample
FCC ID	K7SBPD009
POWER SUPPLY	5Vdc or 9Vdc (adapter)
MODULATION TYPE	FSK
OPERATING FREQUENCY RANGE	127.7kHz for iPhone (8-11 Series) 360.0kHz for iPhone (12-15 series)
I/O PORTS	Coil Antenna
FIELD STRENGTH	63.12dBuV/m
MAXIMUM POWER OUTPUT FROM THE CHARGING COIL	Max Power is 15W
CABLE SUPPLIED	N/A

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.: 2404WDG0125) for detailed product photo.



3.2 DESCRIPTION OF TEST MODES

The following test frequencies are provided to this EUT:

Tested Frequency (KHz)
127.7
360.0

3.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE	APPLICABLE TO			DESCRIPTION
	RE<1G	PLC	20BW	
A	√	-	√	Charging Mode (EUT With Wireless Load)-360.0kHz
B	√	-	√	Charging Mode (EUT With iPhone 11 Pro)-127.7kHz
C	√	√	√	Charging Mode (EUT With iPhone 15 Pro)-360.0kHz
D	√	-	√	Standby Mode

Where **RE<1G**: Radiated Emission below 1GHz
20BW: 20dB Bandwidth

PLC: Power Line Conducted Emission

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	Tested Frequency (KHz)
A	360.0
B	127.7
C	360.0
D	-

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	Tested Frequency (KHz)
A	360.0
B	127.7
C	360.0
D	-

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	Tested Frequency (KHz)
A	360.0
C	360.0



TEST CONDITION:

Applicable to	Environmental conditions	Input Power	Tested by
RE<1G	23°C, 57% RH/25 °C, 53% RH	120Vac, 60Hz	Alex/Eric
PLC	24 °C, 56% RH	120Vac, 60Hz	Zhuolin Peng
20BW	24 °C, 58% RH	120Vac, 60Hz	Jeffery

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as a dependent 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.

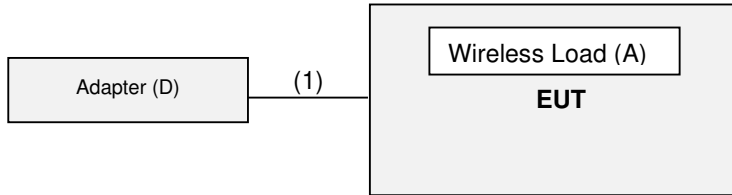
NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
A	Receiver Load	N/A	N/A	N/A	N/A
B	iPhone 15 Pro	Apple	MTQ63CH/A	F43Q7N4Q4H	BCG-E8438A
C	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A
D	Adapter	Belkin	MPW262	N/A	N/A

No.	Cable	Qty.	Length (m)	Shielded (Yes/ No)	Cores (Number)	Remark
1	USB-C to USB-C PVC cable	1	1.0	Y	0	LT.3201000090

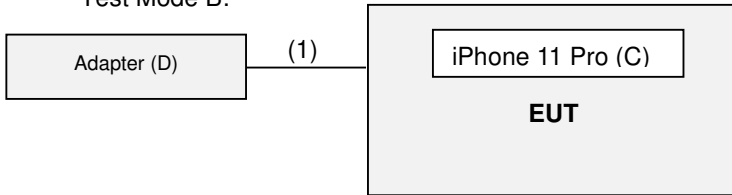


3.5 CONFIGURATION OF SYSTEM UNDER TEST

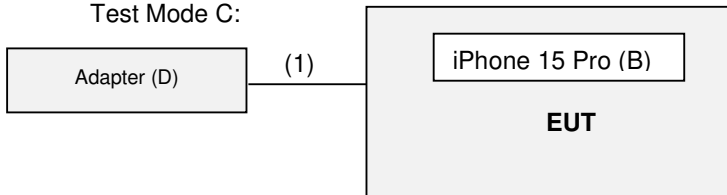
Test Mode A:



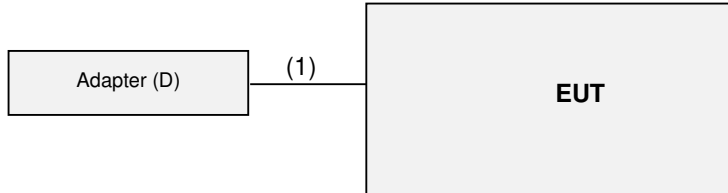
Test Mode B:



Test Mode C:



Test Mode D:



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.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101494	Jan. 02, 25
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	Jan. 03, 25
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	Jan. 02, 25
Artificial Mains Network	SCHWARZBECK	NSLK 8122	8122-05001	Apr. 09, 25
V-LISN (CISPR 25)	SCHWARZBECK	NNBM 8124-200	8124-200 05857	Apr. 09, 25
V-LISN (CISPR 25)	SCHWARZBECK	NNBM 8124-200	8124-200 05858	Apr. 09, 25
Voltage probe	SCHWARZBECK	TK 9421	TK 9421-176	Jul. 16, 24
Coaxial RF Cable	SUHNER	RG 223/U-CE	C2310066DG	Jul. 19, 24
Test software	ADT	ADT_Cond_V7.3.7	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 shielding room 553.



4.1.3 TEST PROCEDURE

The basic test procedure was in accordance with ANSI C63.4:2014 (section 7).

- 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.

NOTE:

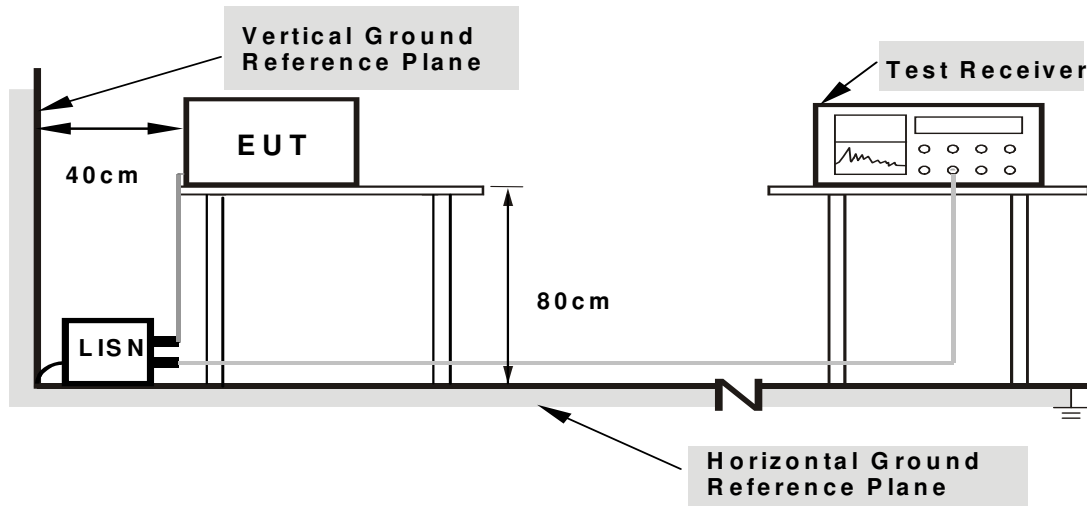
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission 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. Turned on the power of all equipment.
- b. EUT was operated according to the type description in manufacturer's specifications or the User's Manual.

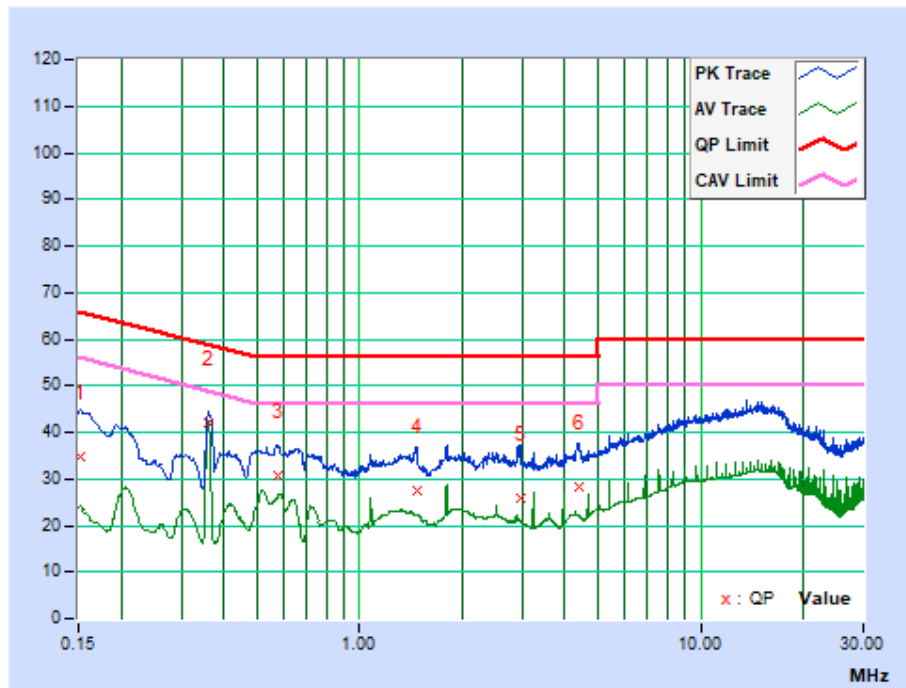


4.1.7 TEST RESULTS

TEST MODE	A	6DB BANDWIDTH	9 kHz
TEST VOLTAGE	Powered from Adapter Input AC 120V/60Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24deg. C, 56% RH	TESTED BY	Zhuolin Peng

No.	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15225	9.63	25.05	13.51	34.68	23.14	65.88	55.88	-31.19	-32.73
2	0.35911	9.76	32.15	31.48	41.91	41.24	58.75	48.75	-16.84	-7.51
3	0.57608	9.81	21.06	16.09	30.87	25.90	56.00	46.00	-25.13	-20.10
4	1.46850	9.88	17.77	11.98	27.65	21.86	56.00	46.00	-28.35	-24.14
5	2.96925	9.97	16.08	10.57	26.05	20.54	56.00	46.00	-29.95	-25.46
6	4.38000	10.02	18.26	11.88	28.28	21.90	56.00	46.00	-27.72	-24.10

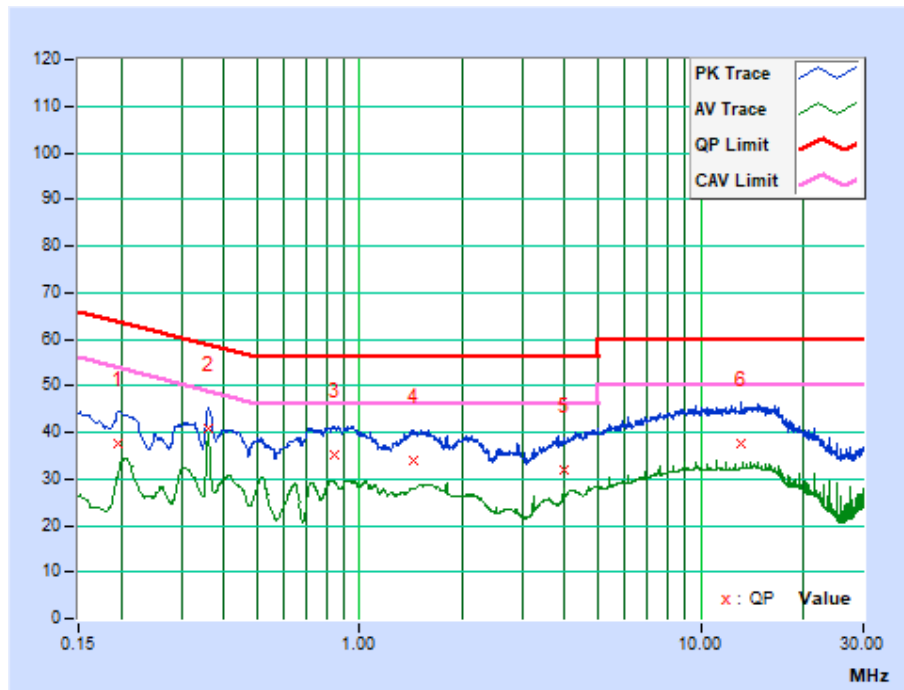
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	A	6DB BANDWIDTH	9 kHz
TEST VOLTAGE	Powered from Adapter Input AC 120V/60Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24deg. C, 56% RH	TESTED BY	Zhuolin Peng

No.	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.19514	9.39	28.16	20.53	37.55	29.92	63.81	53.81	-26.26	-23.89
2	0.35925	9.39	31.62	29.71	41.01	39.10	58.75	48.75	-17.73	-9.64
3	0.84075	9.44	25.74	19.45	35.18	28.89	56.00	46.00	-20.82	-17.11
4	1.44388	9.50	24.47	17.65	33.97	27.15	56.00	46.00	-22.03	-18.85
5	3.95475	9.65	22.07	16.53	31.72	26.18	56.00	46.00	-24.28	-19.82
6	13.19325	10.05	27.49	21.69	37.54	31.74	60.00	50.00	-22.46	-18.26

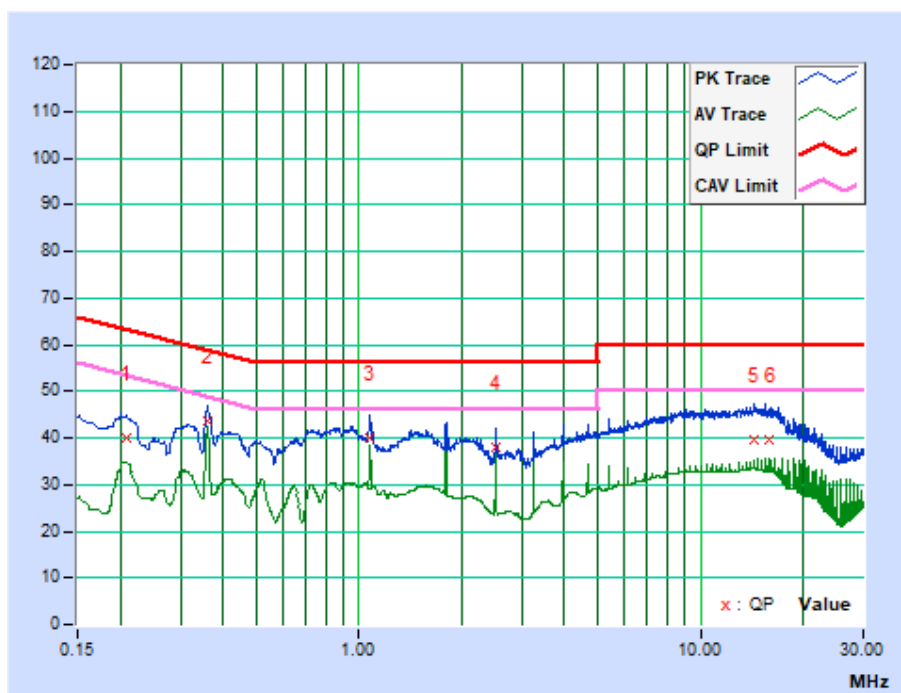
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	C	6DB BANDWIDTH	9 kHz
TEST VOLTAGE	Powered from Adapter Input AC 120V/60Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24deg. C, 56% RH	TESTED BY	Zhuolin Peng

No.	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.20791	9.73	30.43	24.83	40.16	34.56	63.29	53.29	-23.12	-18.72
2	0.35911	9.76	33.84	32.22	43.60	41.98	58.75	48.75	-15.15	-6.77
3	1.07708	9.84	29.97	26.80	39.81	36.64	56.00	46.00	-16.19	-9.36
4	2.51925	9.95	28.02	26.04	37.97	35.99	56.00	46.00	-18.03	-10.01
5	14.39758	10.54	29.01	23.29	39.55	33.83	60.00	50.00	-20.45	-16.17
6	16.28657	10.54	30.01	22.25	40.55	32.79	60.00	50.00	-19.45	-17.21

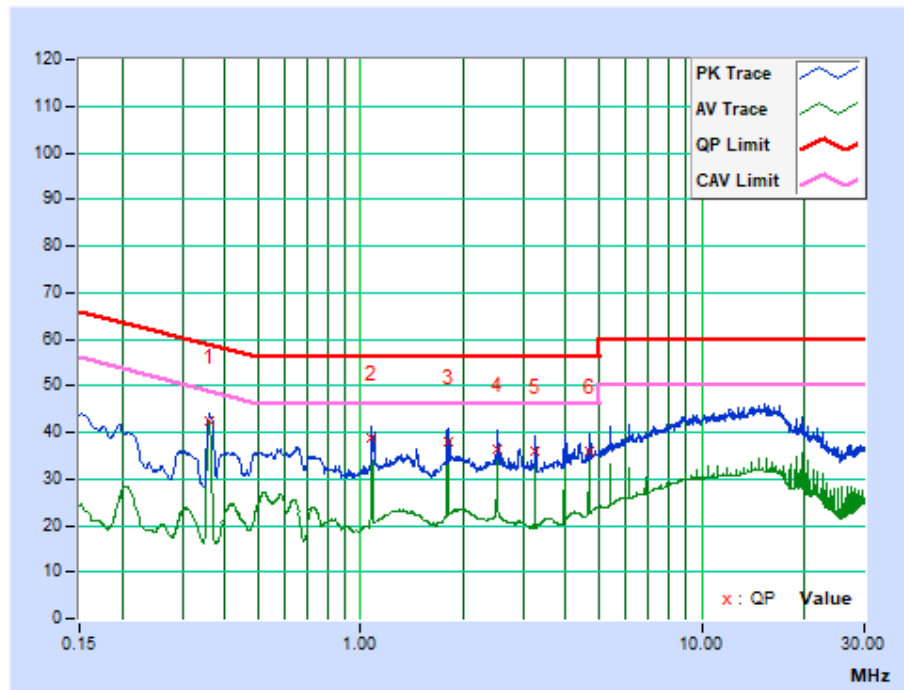
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	C	6DB BANDWIDTH	9 kHz
TEST VOLTAGE	Powered from Adapter Input AC 120V/60Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24deg. C, 56% RH	TESTED BY	Zhuolin Peng

No.	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.35911	9.39	33.15	32.39	42.54	41.78	58.75	48.75	-16.21	-6.97
2	1.07993	9.47	29.13	27.99	38.60	37.46	56.00	46.00	-17.40	-8.54
3	1.79925	9.53	28.64	27.05	38.17	36.58	56.00	46.00	-17.83	-9.42
4	2.51700	9.58	26.91	25.00	36.49	34.58	56.00	46.00	-19.51	-11.42
5	3.23903	9.61	26.52	24.97	36.13	34.58	56.00	46.00	-19.87	-11.42
6	4.67700	9.68	26.17	23.69	35.85	33.37	56.00	46.00	-20.15	-12.63

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





5 EMISSION TEST

5.1 RADIATED EMISSION MEASUREMENT

5.1.1 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

NOTES:

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)



5.1.2 TEST INSTRUMENTS

FREQUENCY 9KHz-30MHz

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101564	Jan. 02, 25
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	1519B-045	Apr. 13, 25
Amplifier	Burgeon	BPA-530	100210	Feb. 21 25
Coaxial RF Cable	/	/	/	Jul. 06, 24
Test Software	ADT	ADT_Radiated_V8.7.07	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.
 4. Designation Number: CN1174

FREQUENCY 30MHz-1GHz

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESU40	100449	Jan. 02, 25
Trilog-Broadband Antenna	SCHWARZBECK	VULB 9168	9168-554	Dec. 25, 25
Pre-Amplifier	Burgeon	BPA-530	100220	Feb. 21, 25
3m Semi-anechoic Chamber	Burgeon	9m*6m*6m	NSEMC003	May 20, 24
Coaxial RF Cable(3m Below 1G)	/	/	/	Jul. 03, 24
Test software	ADT	ADT_Radiated_V7.6.15.9.2	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. Designation Number: CN1174



5.1.3 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 1.3 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:

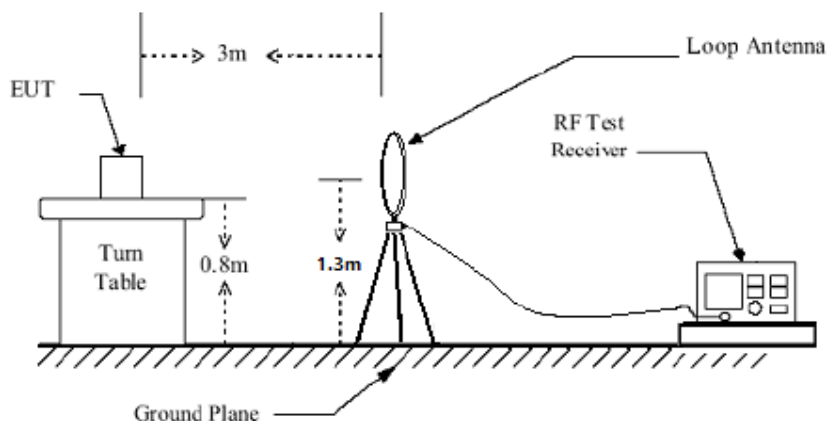
1. The resolution bandwidth of test receiver/spectrum analyzer is 200Hz for Quasi-peak detection (QP/AV) at fundamental frequency 9K-150KHz;
2. The resolution bandwidth of test receiver/spectrum analyzer is 9KHz for Quasi-peak detection (QP/AV) at fundamental frequency 150K-30MHz;
3. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at radiated spurious emission frequency 30MHz-1GHz.

5.1.4 DEVIATION FROM TEST STANDARD

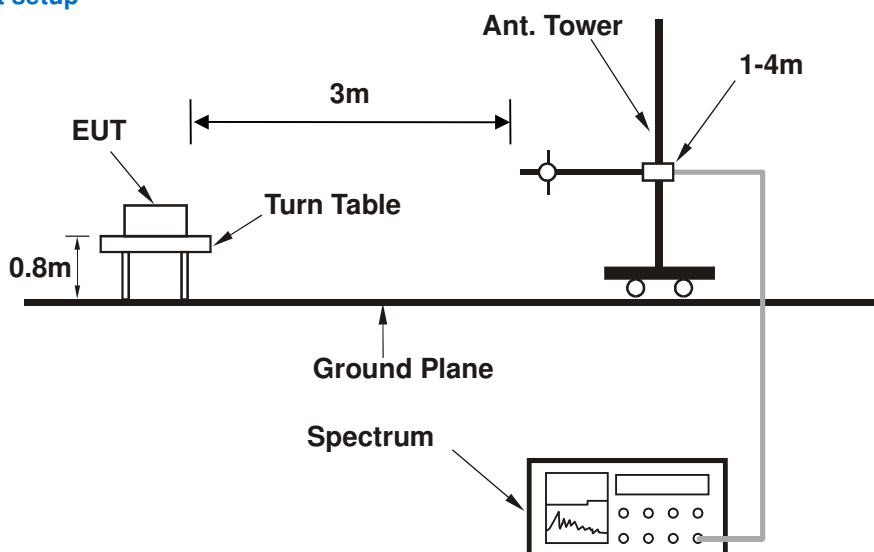
No deviation.

5.1.5 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).

5.1.6 EUT OPERATING CONDITIONS

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

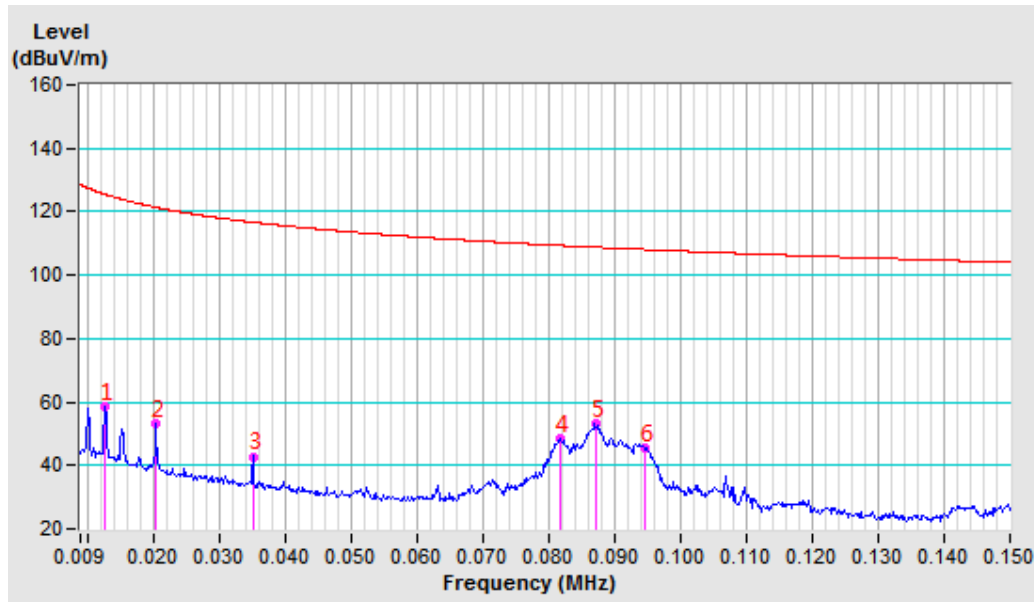


5.1.7 TEST RESULTS

Standby Mode

Test Mode	D	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.0128 AV	-10.35	68.88	58.53	125.46	-66.93	100	347
2	0.0205 AV	-11.05	64.16	53.11	121.37	-68.26	100	47
3	0.0352 AV	-11.98	54.76	42.78	116.67	-73.89	100	64
4	0.0819 AV	-12.16	60.56	48.40	109.34	-60.94	100	101
5	0.0871 AV	-12.16	65.09	52.93	108.80	-55.87	100	166
6	0.0946 QP	-12.16	57.63	45.47	108.08	-62.61	100	94



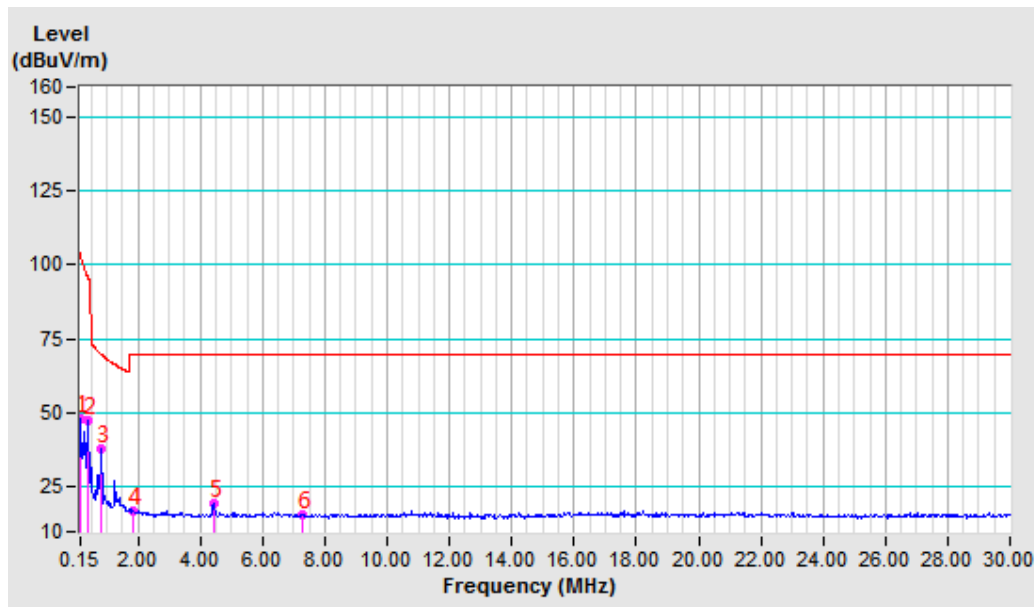


**BUREAU
VERITAS**

Test Report No.: RF2404WDG0125

Test Mode	D	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	Powered From Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.1724 AV	-12.22	60.16	47.94	102.87	-54.93	100	100
2	0.4202 AV	-12.23	59.77	47.54	95.14	-47.60	100	120
3	0.8411 QP	-12.21	50.36	38.15	69.54	-31.39	100	106
4	1.8500 QP	-12.08	29.19	17.11	69.54	-52.43	100	35
5	4.4262 QP	-11.85	31.54	19.69	69.54	-49.85	100	14
6	7.2726 QP	-11.50	27.35	15.85	69.54	-53.69	100	8



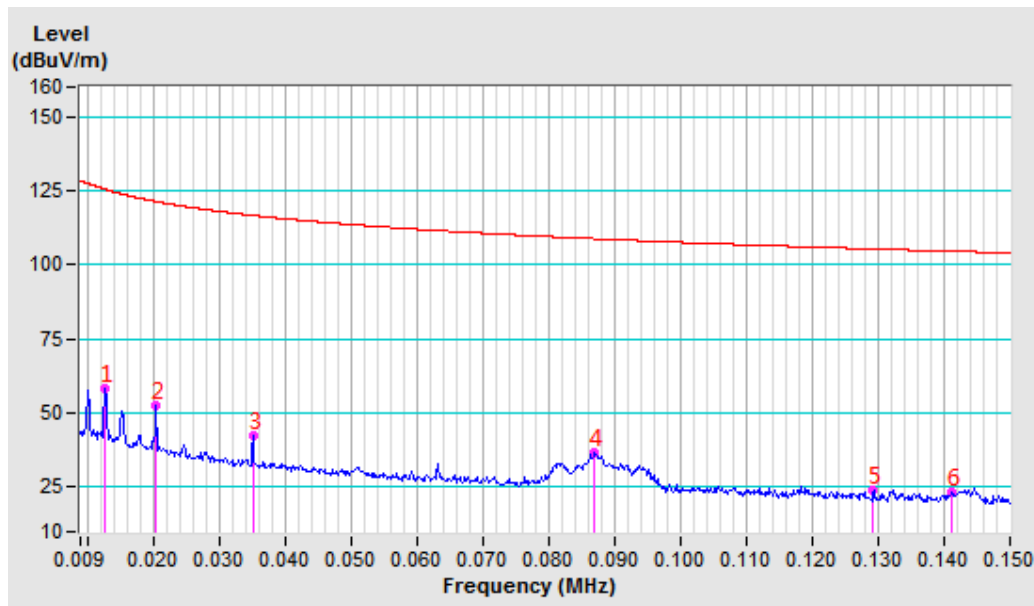


**BUREAU
VERITAS**

Test Report No.: RF2404WDG0125

Test Mode	D	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.0128 AV	-10.35	68.88	58.53	125.46	-66.93	100	247
2	0.0205 AV	-11.05	63.44	52.39	121.37	-68.98	100	316
3	0.0352 AV	-11.98	54.70	42.72	116.67	-73.95	100	226
4	0.0870 AV	-12.16	48.81	36.65	108.81	-72.16	100	85
5	0.1293 AV	-12.19	36.29	24.10	105.37	-81.27	100	94
6	0.1412 AV	-12.20	35.34	23.14	104.61	-81.47	100	113



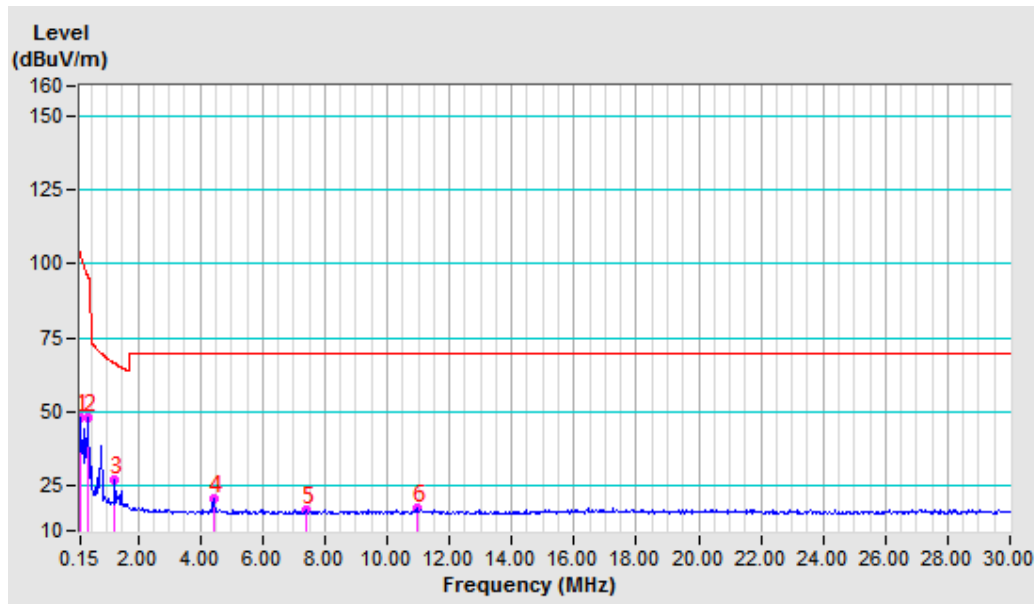


**BUREAU
VERITAS**

Test Report No.: RF2404WDG0125

Test Mode	D	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.1724 AV	-12.22	60.47	48.25	102.87	-54.62	100	111
2	0.4202 AV	-12.23	60.53	48.30	95.14	-46.84	100	118
3	1.2605 QP	-12.13	39.58	27.45	66.35	-38.90	100	119
4	4.4247 QP	-11.85	32.66	20.81	69.54	-48.73	100	272
5	7.4278 QP	-11.49	28.43	16.94	69.54	-52.60	100	360
6	10.9652 QP	-11.11	28.66	17.55	69.54	-51.99	100	183

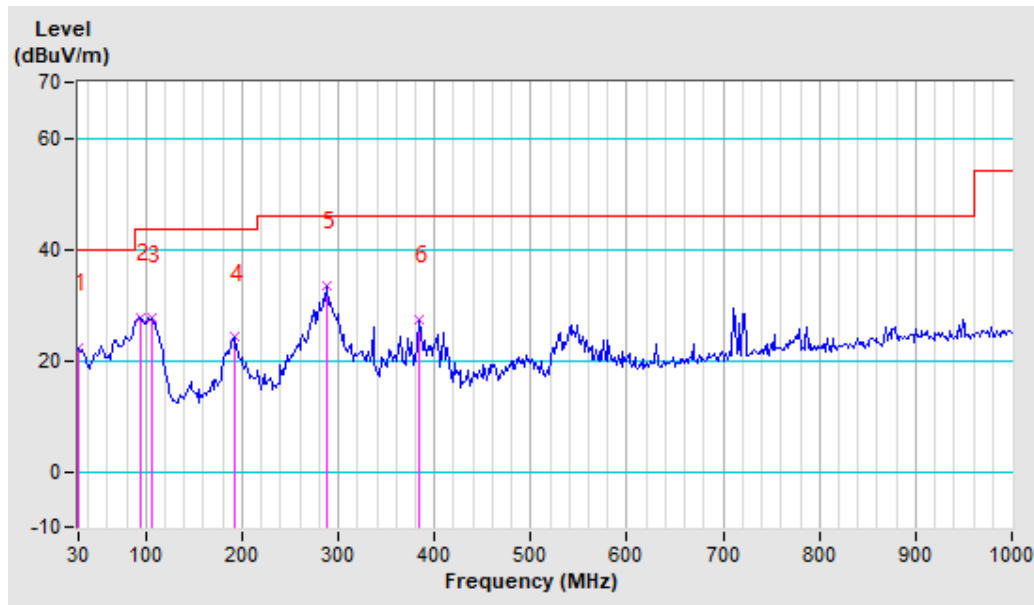




Test Mode	D	Frequency Range	30MHz ~ 1000MHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	25deg. C, 53% RH	Tested By	Eric Fang

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	30.00	-19.66	41.80	22.14	40.00	-17.86	200	317
2	93.73	-23.03	50.77	27.74	43.50	-15.76	200	344
3	106.17	-21.48	48.97	27.49	43.50	-16.01	200	141
4	191.67	-20.05	44.14	24.09	43.50	-19.41	200	203
5	288.04	-16.40	49.96	33.56	46.00	-12.44	200	114
6	384.42	-13.88	41.19	27.31	46.00	-18.69	200	107

- 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.

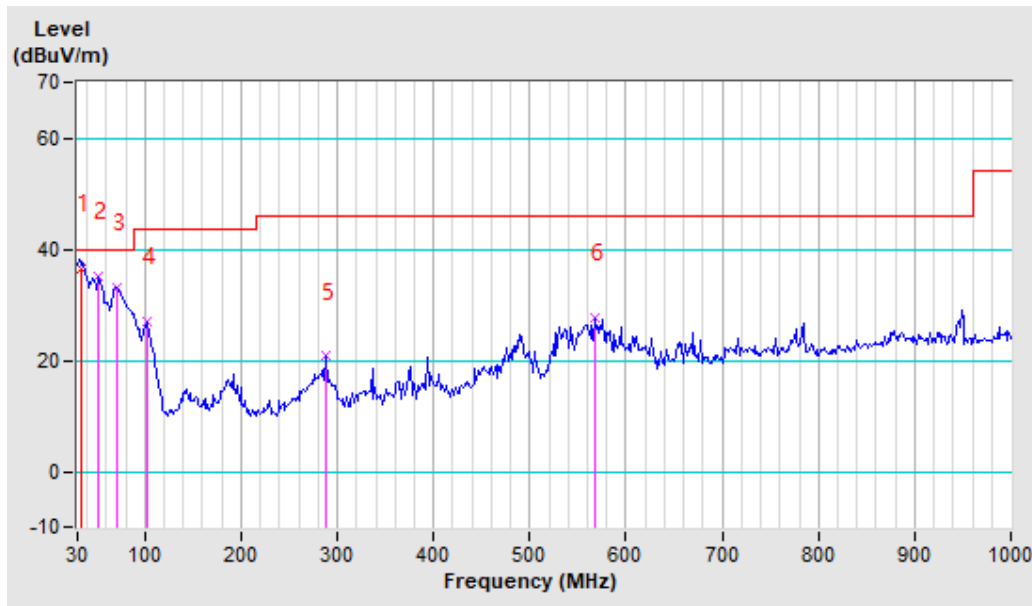




Test Mode	D	Frequency Range	30MHz ~ 1000MHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	25deg. C, 53% RH	Tested By	Eric Fang

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	33.22	-19.55	55.95	36.40	40.00	-3.60	100	156
2	51.76	-17.94	53.12	35.18	40.00	-4.82	100	145
3	71.97	-20.22	53.35	33.13	40.00	-6.87	100	128
4	103.06	-21.83	48.71	26.88	43.50	-16.62	100	110
5	288.04	-16.40	37.11	20.71	46.00	-25.29	100	100
6	567.85	-9.60	37.33	27.73	46.00	-18.27	100	82

- 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.





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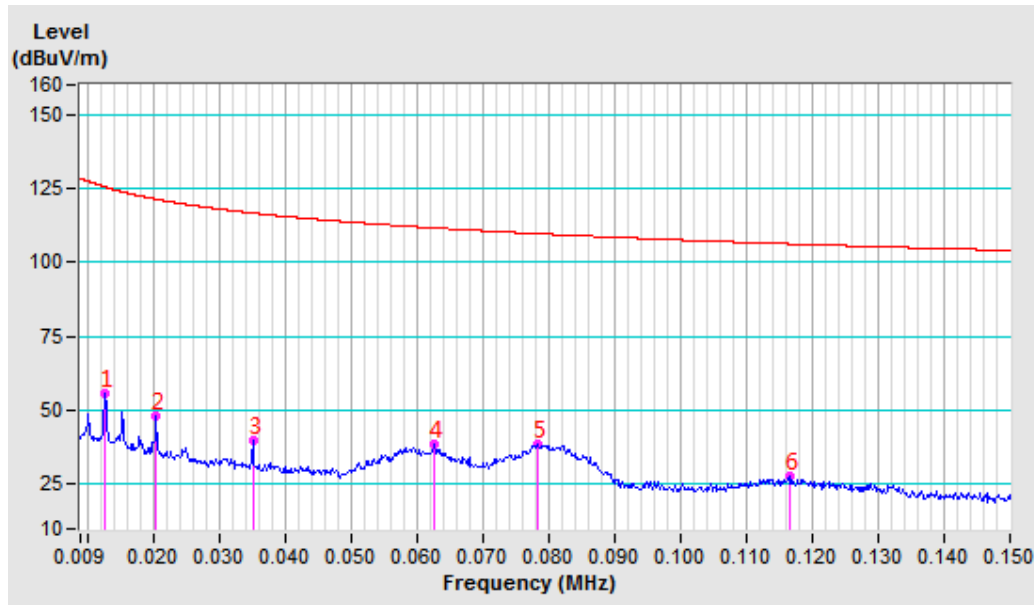
Test Report No.: RF2404WDG0125

Charging Mode

Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% RH	Tested By	Alex

ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m

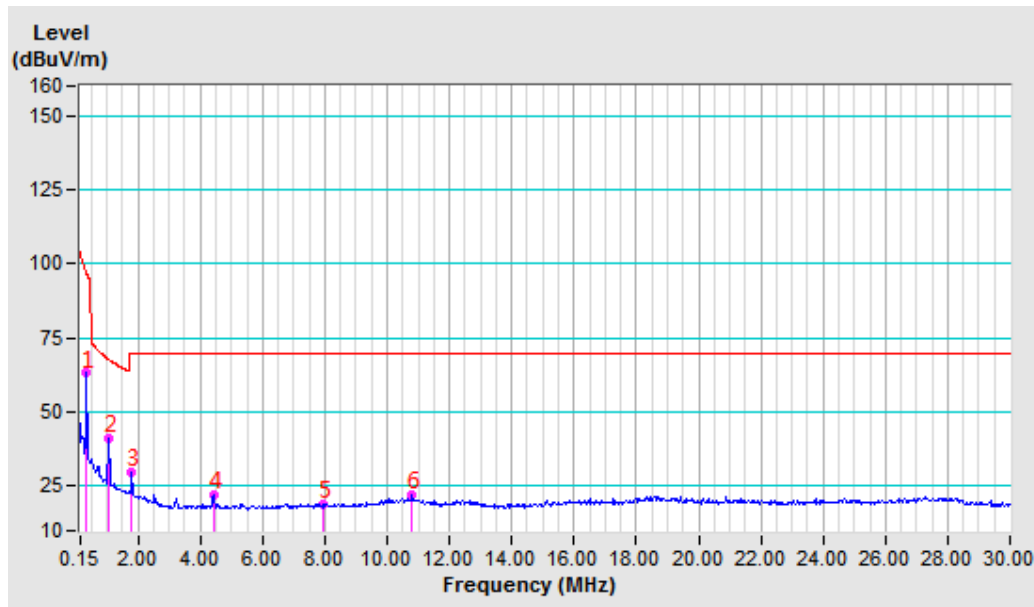
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.0128 AV	-10.48	66.26	55.78	125.46	-69.68	100	16
2	0.0205 AV	-10.98	59.14	48.16	121.37	-73.21	100	205
3	0.0352 AV	-11.63	51.69	40.06	116.67	-76.61	100	97
4	0.0626 AV	-11.68	50.14	38.46	111.67	-73.21	100	163
5	0.0784 AV	-11.66	50.47	38.81	109.72	-70.91	100	113
6	0.1165 AV	-11.66	39.31	27.65	106.28	-78.63	100	223





Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.3590 AV	-11.61	74.73	63.12	96.50	-33.38	100	324
2	1.0784 QP	-11.74	52.98	41.24	67.58	-26.34	100	338
3	1.7978 QP	-11.69	41.65	29.96	69.54	-39.58	100	185
4	4.4247 QP	-11.35	33.54	22.19	69.54	-47.35	100	14
5	7.9174 QP	-10.91	30.00	19.09	69.54	-50.45	100	292
6	10.7950 QP	-10.76	32.87	22.11	69.54	-47.43	100	152



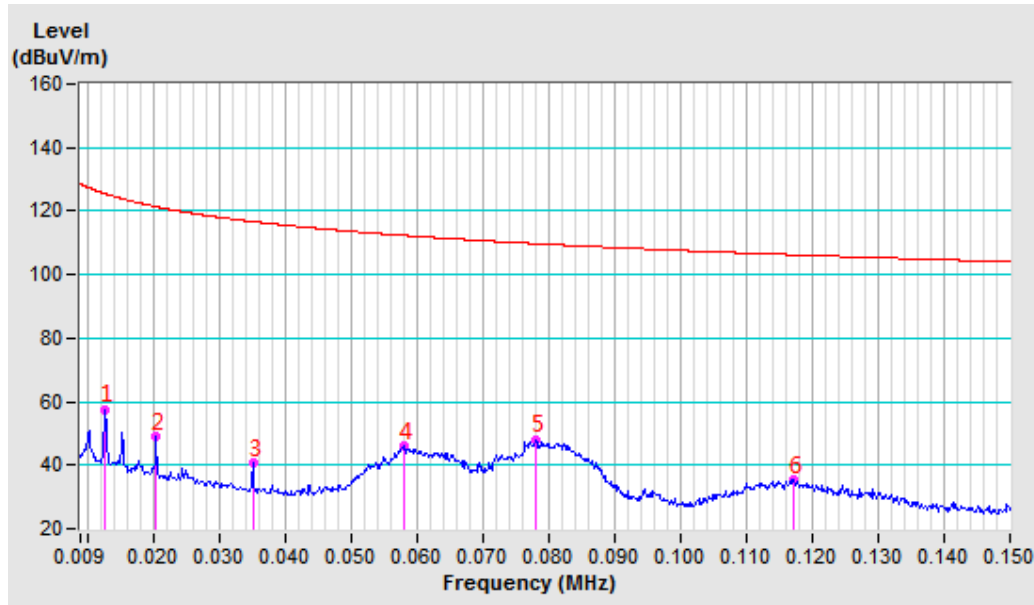


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Test Report No.: RF2404WDG0125

Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.0128 AV	-10.48	67.96	57.48	125.46	-67.98	100	360
2	0.0205 AV	-10.98	59.94	48.96	121.37	-72.41	100	97
3	0.0352 AV	-11.63	52.29	40.66	116.67	-76.01	100	11
4	0.0580 AV	-11.67	57.67	46.00	112.33	-66.33	100	202
5	0.0780 AV	-11.67	59.83	48.16	109.76	-61.60	100	43
6	0.1171 AV	-11.66	47.07	35.41	106.23	-70.82	100	6



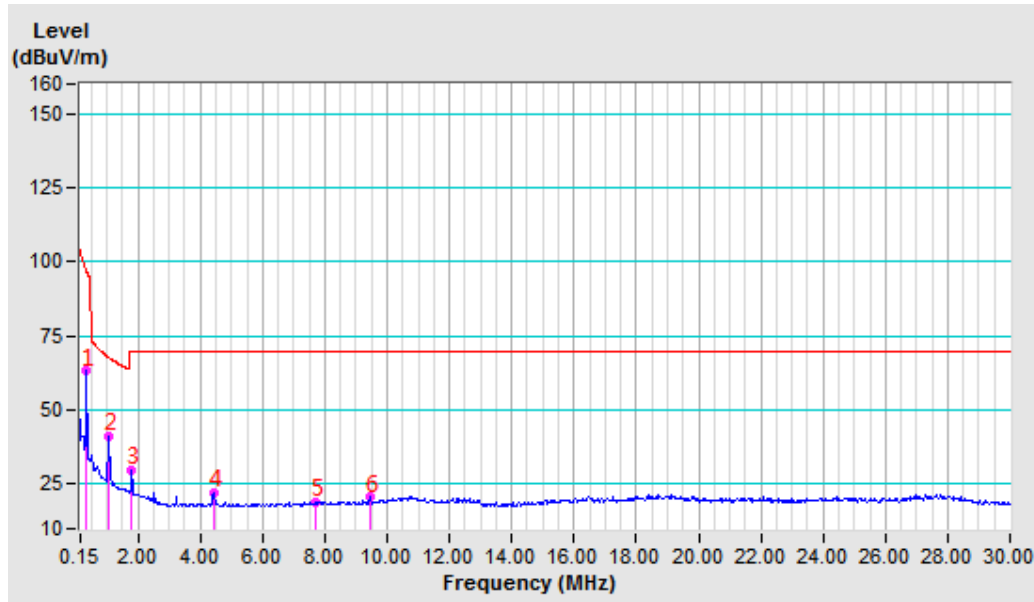


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Test Report No.: RF2404WDG0125

Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% RH	Tested By	Alex

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	0.3590 AV	-11.61	74.69	63.08	96.50	-33.42	100	328
2	1.0784 QP	-11.74	52.90	41.16	67.58	-26.42	100	333
3	1.7993 QP	-11.69	41.55	29.86	69.54	-39.68	100	188
4	4.4262 QP	-11.35	33.39	22.04	69.54	-47.50	100	139
5	7.6756 QP	-10.95	30.14	19.19	69.54	-50.35	100	240
6	9.4607 QP	-10.79	31.33	20.54	69.54	-49.00	100	248

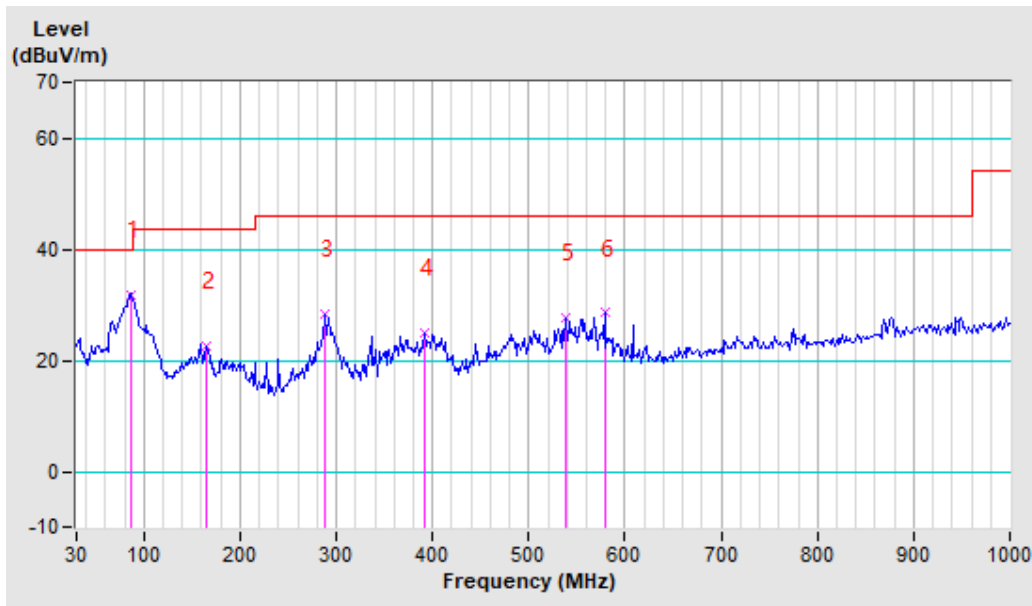




Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	25deg. C, 53% RH	Tested By	Eric Fang

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	85.96	-23.34	55.08	31.74	40.00	-8.26	200	14
2	165.24	-17.63	40.19	22.56	43.50	-20.94	200	42
3	288.04	-16.40	44.70	28.30	46.00	-17.70	200	0
4	392.20	-13.72	38.65	24.93	46.00	-21.07	200	0
5	538.32	-10.11	37.76	27.65	46.00	-18.35	200	0
6	578.73	-9.41	37.93	28.52	46.00	-17.48	200	0

- 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.

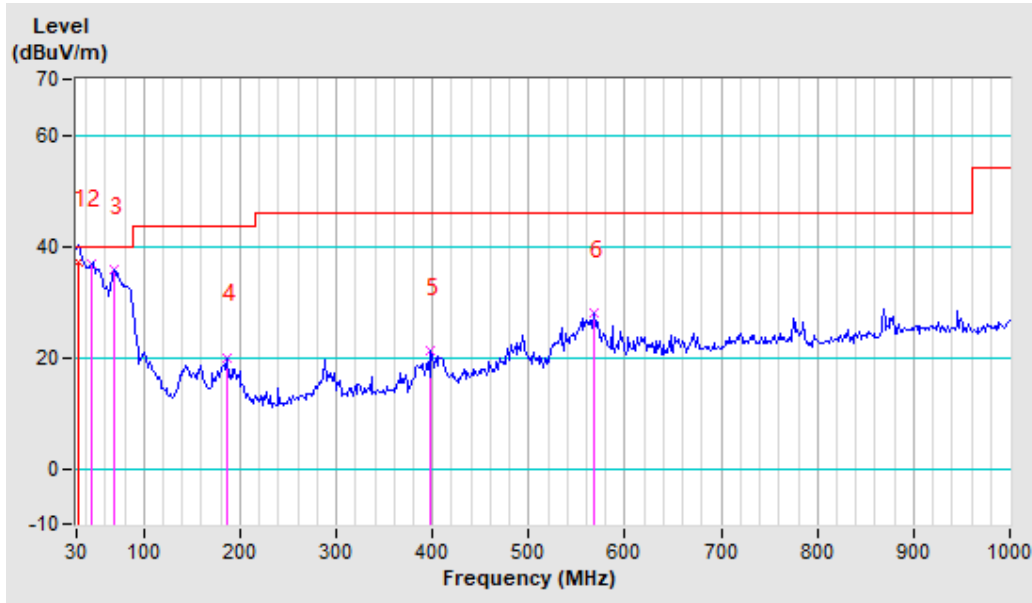




Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	25deg. C, 53% RH	Tested By	Eric Fang

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	31.55	-19.60	56.60	37.00	40.00	-3.00	100	113
2	45.54	-18.27	54.97	36.70	40.00	-3.30	100	205
3	68.86	-19.37	54.96	35.59	40.00	-4.41	100	128
4	187.00	-19.76	39.69	19.93	43.50	-23.57	100	206
5	398.41	-13.59	34.64	21.05	46.00	-24.95	100	75
6	567.85	-9.60	37.44	27.84	46.00	-18.16	100	28

- 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.



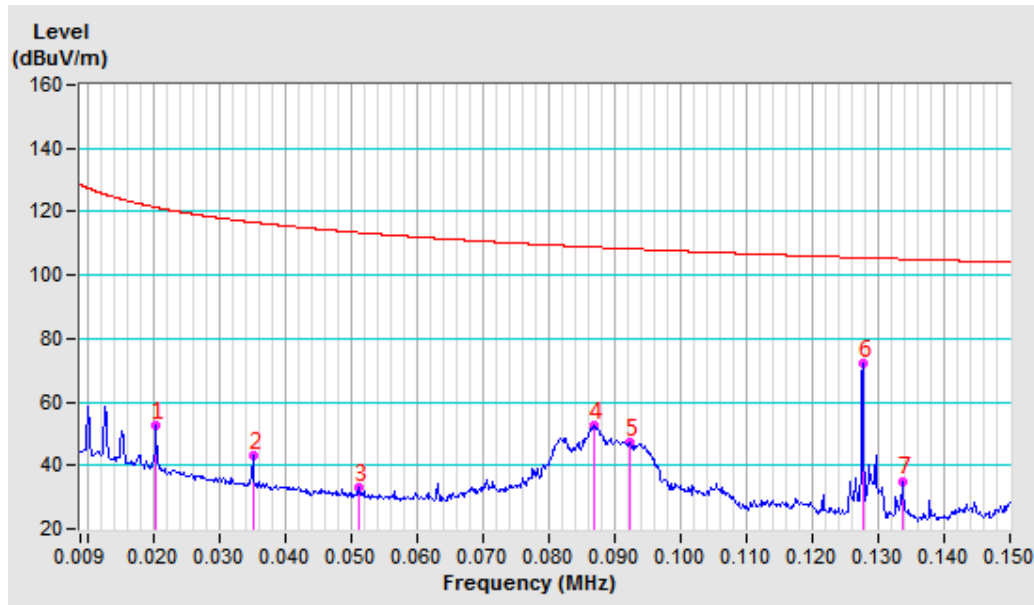


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VERITAS**

Test Report No.: RF2404WDG0125

Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% RH	Tested By	Alex

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	0.0204 AV	-11.04	63.68	52.64	121.41	-68.77	100	236
2	0.0352 AV	-11.98	54.94	42.96	116.67	-73.71	100	54
3	0.0512 AV	-12.18	45.04	32.86	113.42	-80.56	100	74
4	0.0869 AV	-12.16	64.53	52.37	108.82	-56.45	100	336
5	0.0923 QP	-12.16	59.48	47.32	108.30	-60.98	100	89
6	0.1277 AV	-12.19	84.33	72.14	105.48	-33.34	100	116
7	0.1337 AV	-12.20	47.08	34.88	105.08	-70.20	100	102



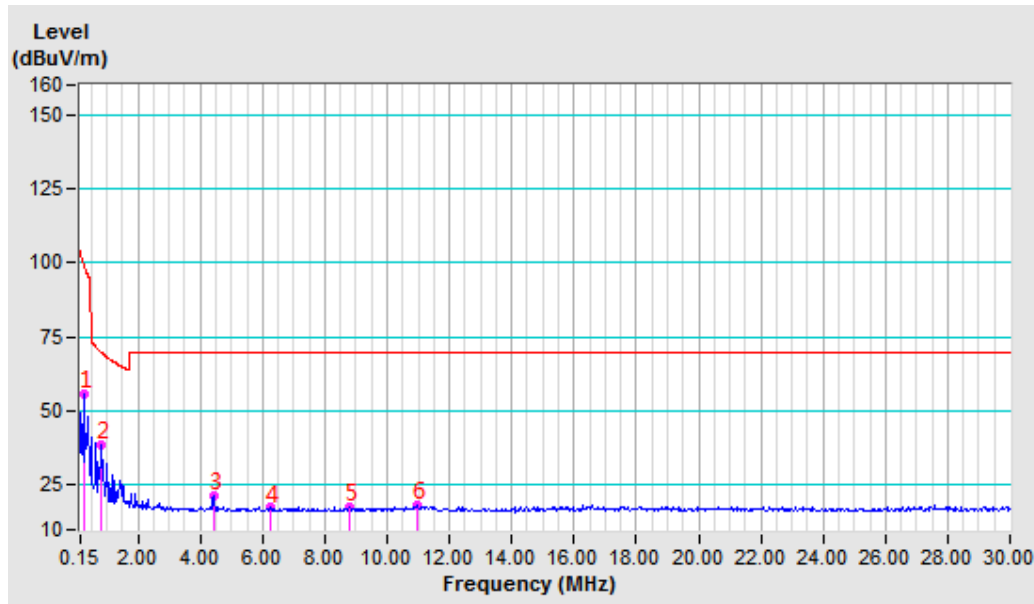


BUREAU VERITAS

Test Report No.: RF2404WDG0125

Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.2545 AV	-12.26	67.96	55.70	99.49	-43.79	100	300
2	0.8411 QP	-12.21	50.85	38.64	69.54	-30.90	100	106
3	4.4412 QP	-11.84	33.11	21.27	69.54	-48.27	100	360
4	6.2621 QP	-11.65	29.04	17.39	69.54	-52.15	100	316
5	8.7816 QP	-11.30	28.84	17.54	69.54	-52.00	100	313
6	10.9891 QP	-11.11	29.30	18.19	69.54	-51.35	100	283



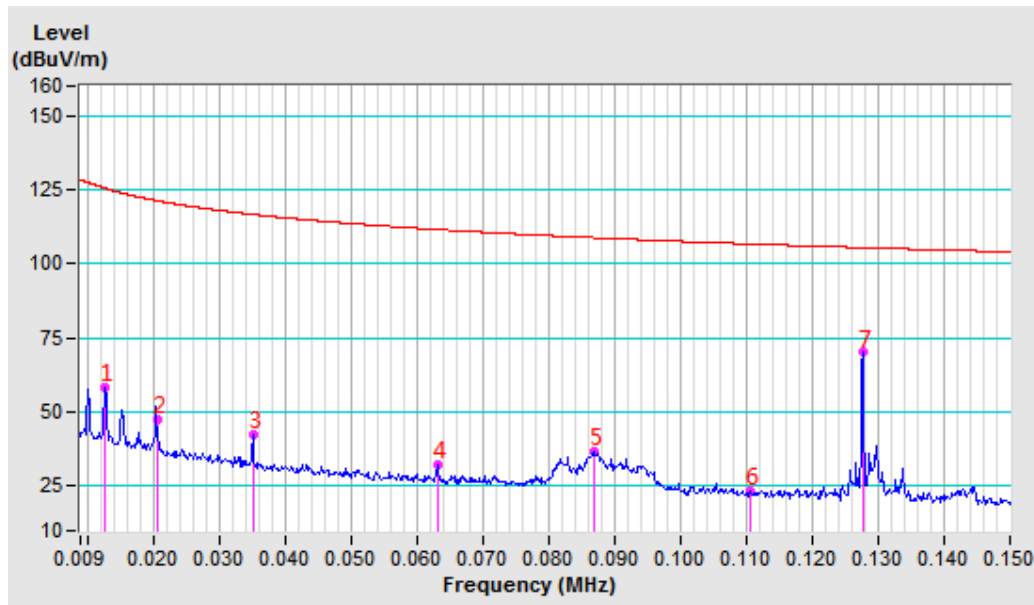


**BUREAU
VERITAS**

Test Report No.: RF2404WDG0125

Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.0128 AV	-10.35	68.67	58.32	125.46	-67.14	100	247
2	0.0206 AV	-11.05	58.52	47.47	121.33	-73.86	100	116
3	0.0352 AV	-11.98	54.30	42.32	116.67	-74.35	100	296
4	0.0632 AV	-12.18	44.63	32.45	111.59	-79.14	100	47
5	0.0868 AV	-12.16	48.70	36.54	108.83	-72.29	100	220
6	0.1106 AV	-12.18	35.75	23.57	106.73	-83.16	100	41
7	0.1277 AV	-12.19	82.31	70.12	105.48	-35.36	100	214



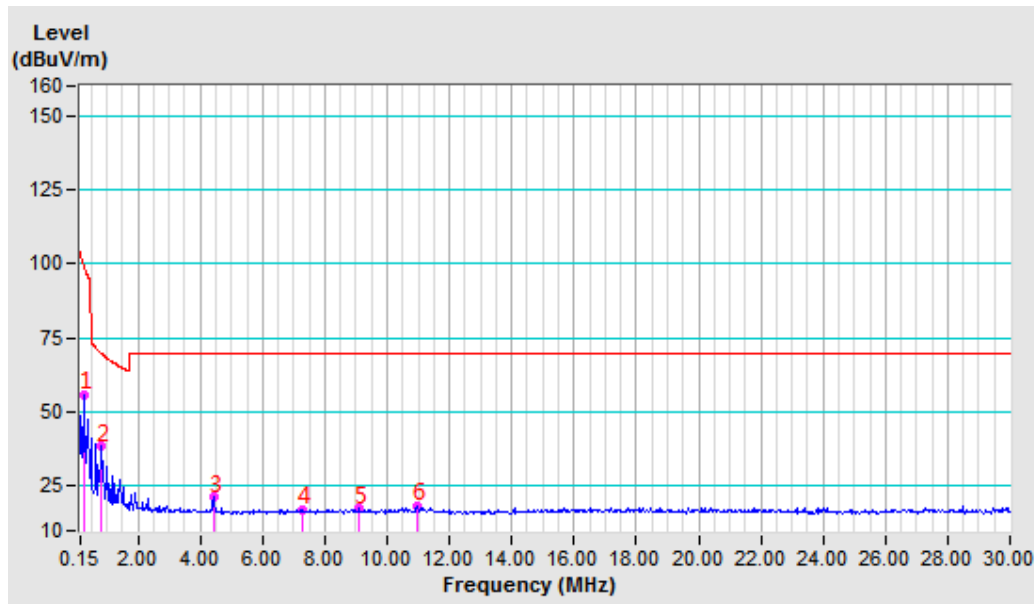


**BUREAU
VERITAS**

Test Report No.: RF2404WDG0125

Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% RH	Tested By	Alex

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	0.2545 AV	-12.26	67.82	55.56	99.49	-43.93	100	284
2	0.8411 AV	-12.21	50.50	38.29	69.54	-31.25	100	108
3	4.4412 QP	-11.84	33.03	21.19	69.54	-48.35	100	19
4	7.2651 QP	-11.50	28.72	17.22	69.54	-52.32	100	1
5	9.1204 QP	-11.26	28.61	17.35	69.54	-52.19	100	126
6	10.9786 QP	-11.11	29.21	18.10	69.54	-51.44	100	248

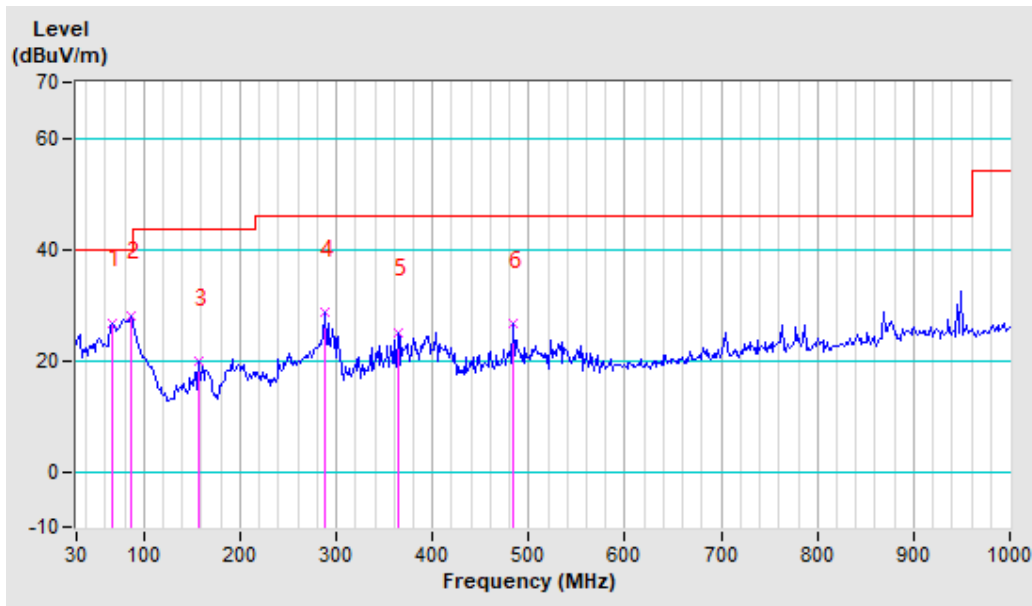




Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	25deg. C, 53% RH	Tested By	Eric Fang

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	67.31	-19.05	45.60	26.55	40.00	-13.45	100	14
2	87.52	-23.43	51.50	28.07	40.00	-11.93	100	42
3	157.47	-17.14	36.81	19.67	43.50	-23.83	100	111
4	288.04	-16.40	44.91	28.51	46.00	-17.49	100	0
5	364.21	-14.29	39.16	24.87	46.00	-21.13	100	45
6	483.91	-11.09	37.57	26.48	46.00	-19.52	100	98

- 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.





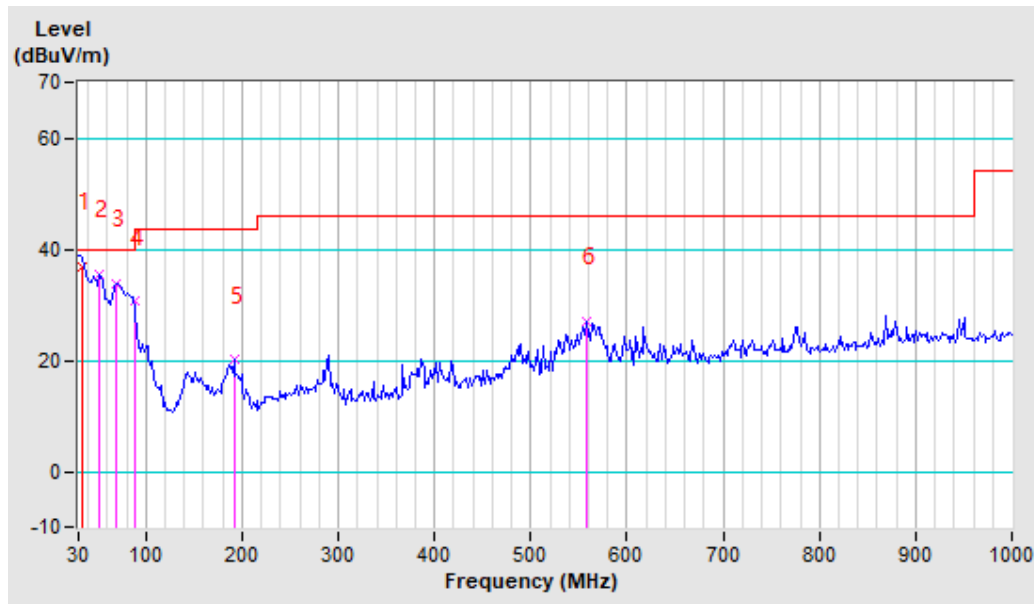
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Test Report No.: RF2404WDG0125

Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	25deg. C, 53% RH	Tested By	Eric Fang

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	32.95	-19.56	56.46	36.90	40.00	-3.10	100	113
2	51.76	-17.94	53.33	35.39	40.00	-4.61	100	205
3	68.86	-19.37	53.21	33.84	40.00	-6.16	100	128
4	88.00	-23.45	54.00	30.55	40.00	-9.45	100	206
5	191.67	-20.05	40.07	20.02	43.50	-23.48	100	75
6	558.53	-9.77	36.72	26.95	46.00	-19.05	100	28

- 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.



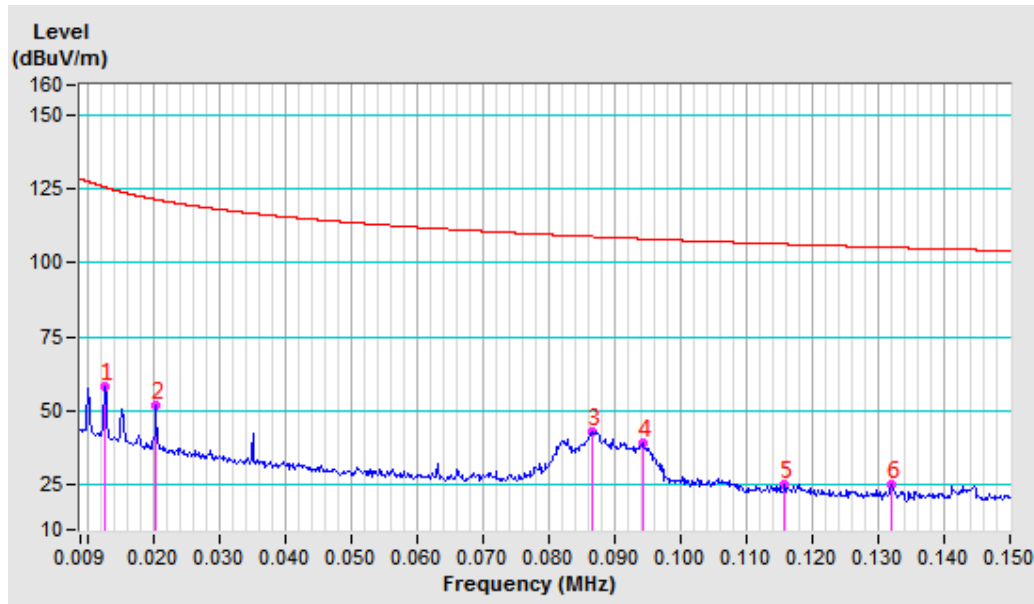


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Test Report No.: RF2404WDG0125

Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% RH	Tested By	Alex

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	0.0128 AV	-10.35	68.74	58.39	125.46	-67.07	100	41
2	0.0205 AV	-11.05	63.22	52.17	121.37	-69.20	100	113
3	0.0867 AV	-12.16	55.22	43.06	108.84	-65.78	100	31
4	0.0942 QP	-12.16	51.46	39.30	108.12	-68.82	100	96
5	0.1158 AV	-12.18	37.34	25.16	106.33	-81.17	100	202
6	0.1320 AV	-12.20	37.52	25.32	105.19	-79.87	100	52



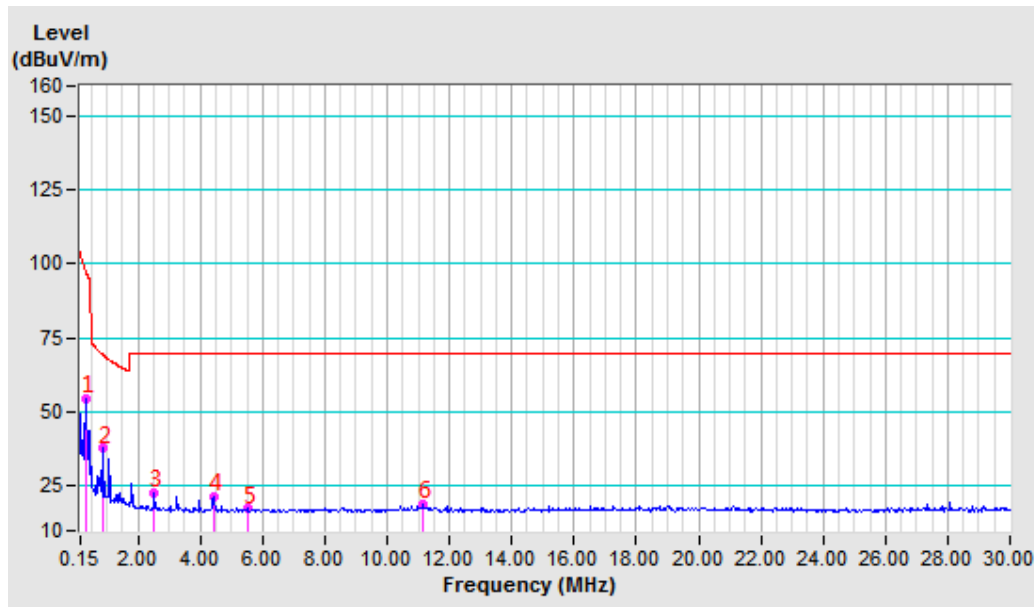


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VERITAS**

Test Report No.: RF2404WDG0125

Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	Powered from Adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.3590 AV	-12.25	66.99	54.74	96.50	-41.76	100	258
2	0.8500 QP	-12.20	49.88	37.68	69.46	-31.78	100	106
3	2.5187 QP	-12.00	34.94	22.94	69.54	-46.60	100	234
4	4.4262 QP	-11.85	33.49	21.64	69.54	-47.90	100	309
5	5.5382 QP	-11.74	29.07	17.33	69.54	-52.21	100	267
6	11.1533 QP	-11.10	30.16	19.06	69.54	-50.48	100	68



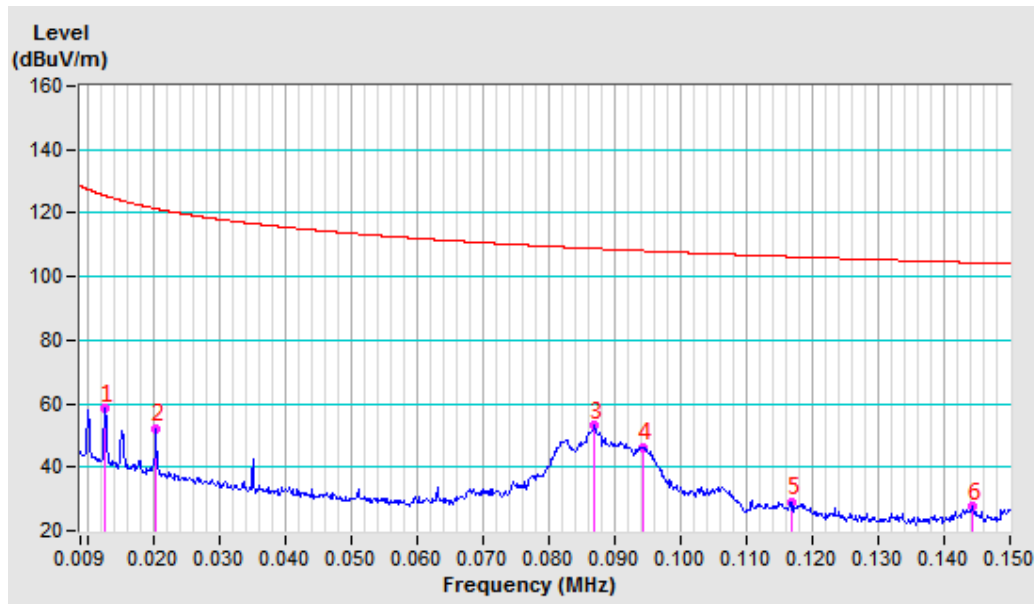


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Test Report No.: RF2404WDG0125

Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% R	Tested By	Alex

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	0.0128 AV	-10.35	68.68	58.33	125.46	-67.13	100	22
2	0.0204 AV	-11.04	63.24	52.20	121.41	-69.21	100	67
3	0.0870 AV	-12.16	65.24	53.08	108.81	-55.73	100	94
4	0.0943 AV	-12.16	58.53	46.37	108.11	-61.74	100	347
5	0.1168 AV	-12.18	41.36	29.18	106.25	-77.07	100	255
6	0.1443 AV	-12.20	39.71	27.51	104.42	-76.91	100	74



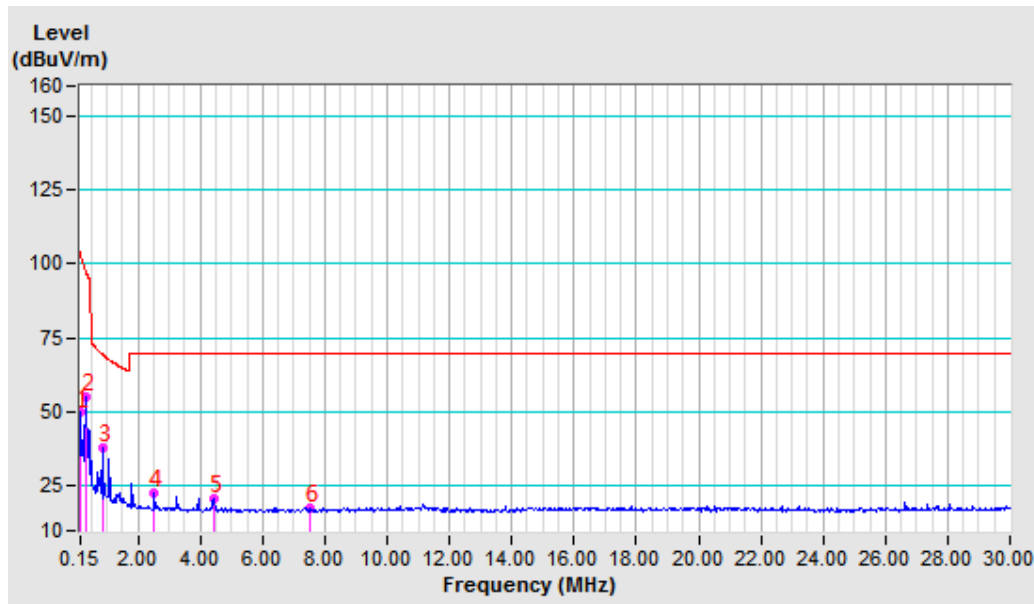


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Test Report No.: RF2404WDG0125

Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	23deg. C, 57% RH	Tested By	Alex

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	0.1724 AV	-12.22	61.97	49.75	102.87	-53.12	100	115
2	0.3590 AV	-12.25	67.19	54.94	96.50	-41.56	100	251
3	0.8515 QP	-12.20	50.03	37.83	69.44	-31.61	100	112
4	2.5187 QP	-12.00	35.00	23.00	69.54	-46.54	100	188
5	4.4262 QP	-11.85	32.87	21.02	69.54	-48.52	100	360
6	7.4994 QP	-11.47	29.18	17.71	69.54	-51.83	100	2

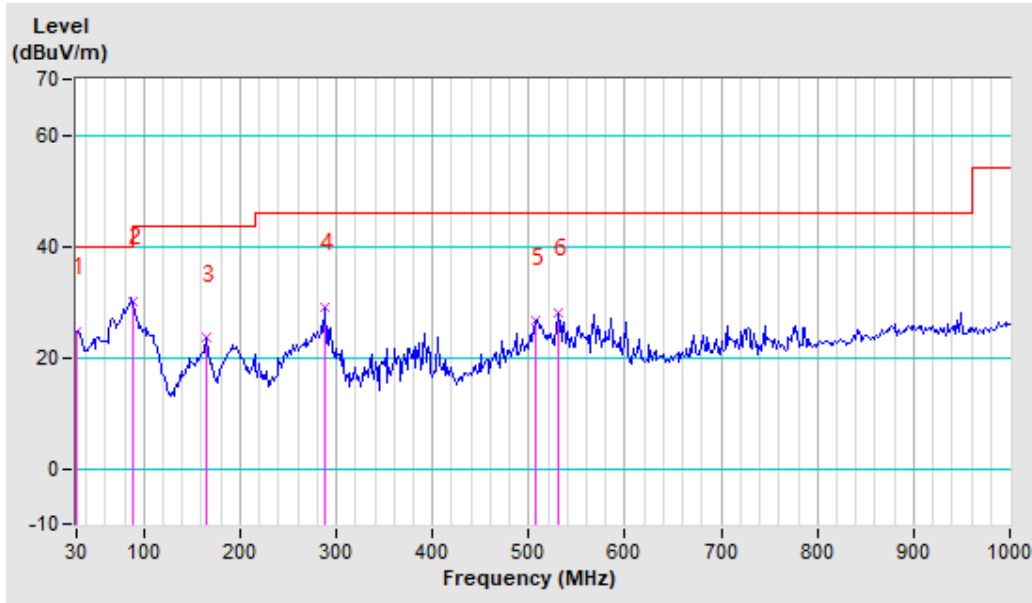




Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	25deg. C, 53% RH	Tested By	Eric Fang

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	30.00	-19.66	44.32	24.66	40.00	-15.34	200	14
2	89.07	-23.50	53.65	30.15	43.50	-13.35	200	42
3	165.24	-17.63	41.02	23.39	43.50	-20.11	200	0
4	288.04	-16.40	45.35	28.95	46.00	-17.05	200	0
5	507.23	-10.60	37.10	26.50	46.00	-19.50	200	0
6	530.54	-10.23	38.28	28.05	46.00	-17.95	200	0

- 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.

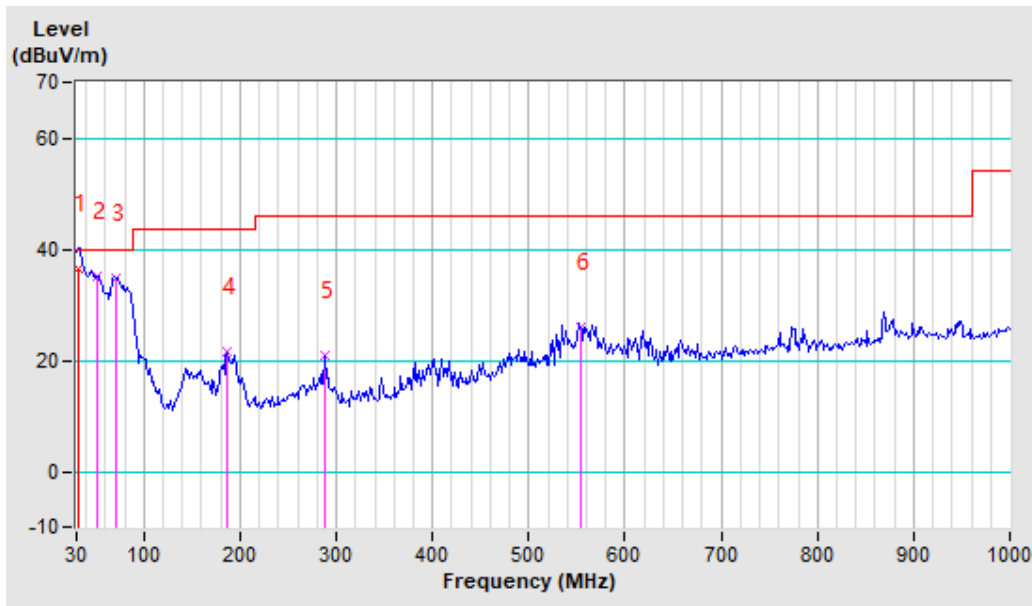




Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	Powered from adapter Input AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	25deg. C, 53% RH	Tested By	Eric Fang

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	31.28	-19.61	56.10	36.49	40.00	-3.51	100	113
2	51.76	-17.94	53.03	35.09	40.00	-4.91	100	205
3	71.97	-20.22	55.06	34.84	40.00	-5.16	100	128
4	187.00	-19.76	41.34	21.58	43.50	-21.92	100	206
5	288.04	-16.40	37.23	20.83	46.00	-25.17	100	75
6	553.86	-9.86	35.95	26.09	46.00	-19.91	100	28

- 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.



4.2 20dB BANDWIDTH MEASUREMENT

4.2.1 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.

4.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
Power Sensor	Keysight	U2021XA	MY57320002	May 11, 24
Power Meter	Anritsu	ML2495A	1139001	Jul. 11, 24
Power Sensor	Anritsu	MA2411B	1531155	Jul. 11, 24
Digital Multimeter	FLUKE	15B	A1220010DG	N/A
Humid & Temp Programmable Tester	Haida	HD-225T	110807201	Oct. 15, 24
Oscilloscope	Agilent	DSO9254A	MY51260160	Jul. 11, 24
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Jan. 01, 25
Signal Generator	Agilent	N5183A	MY50140980	Jul. 23, 24
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Jul. 11, 24
BLUETOOTH TESTER	Rohde&Schwarz	CBT32	100811	N/A
Attenuator	MINI	BW-S10W2+	S130129FGE2	N/A
DC Source	Keysight	E3642A	MY56146098	N/A
Test software	ADT	ADT_RF Test Software V6.6.5.3	N/A	N/A

NOTE:

1. The test was performed in RF Oven room. (Chenwu).
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.

4.2.3 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



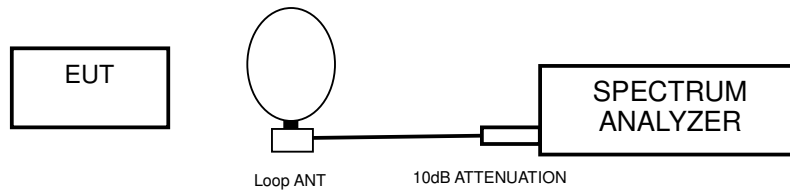
the reference level. Record the frequency difference as the emission bandwidth.

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

4.2.4 DEVIATION FROM TEST STANDARD

No deviation.

4.2.5 TEST SETUP



4.2.6 EUT OPERATING CONDITION

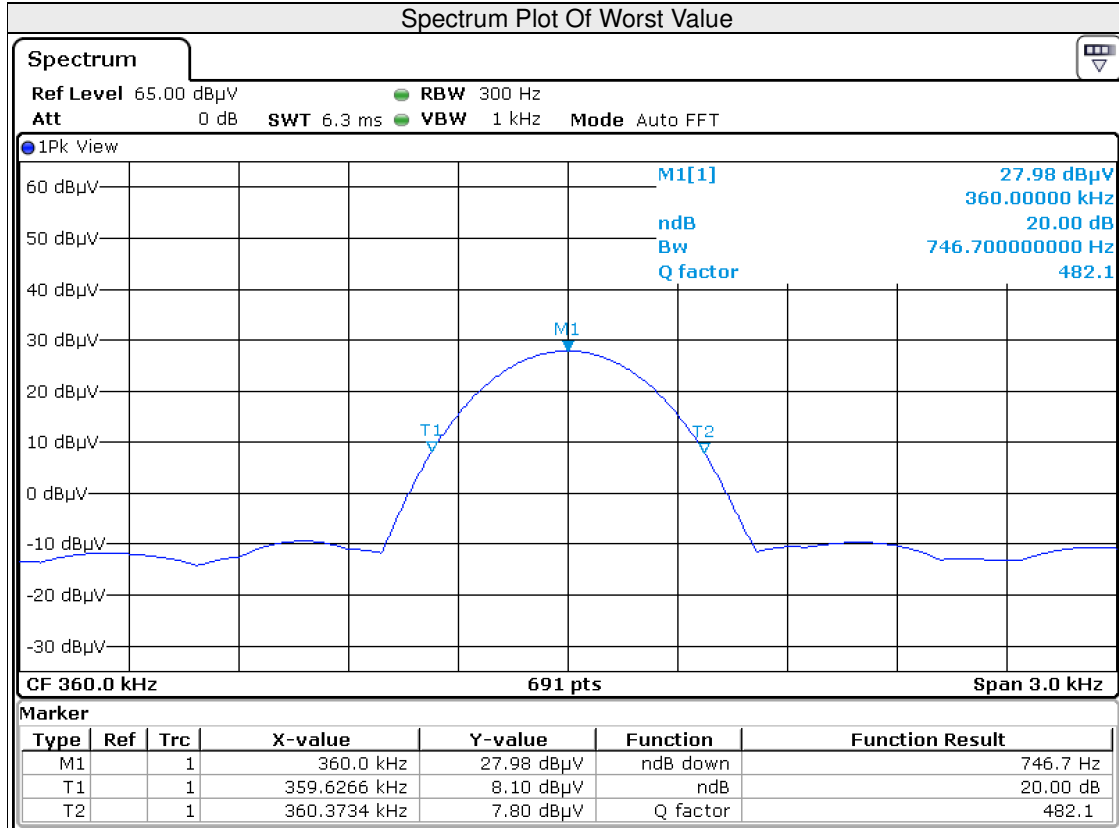
- a. Turn on the EUT.
- b. The EUT tested in charging mode and standby mode respectively.



4.2.7 TEST RESULTS

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
A	360.0	746.7

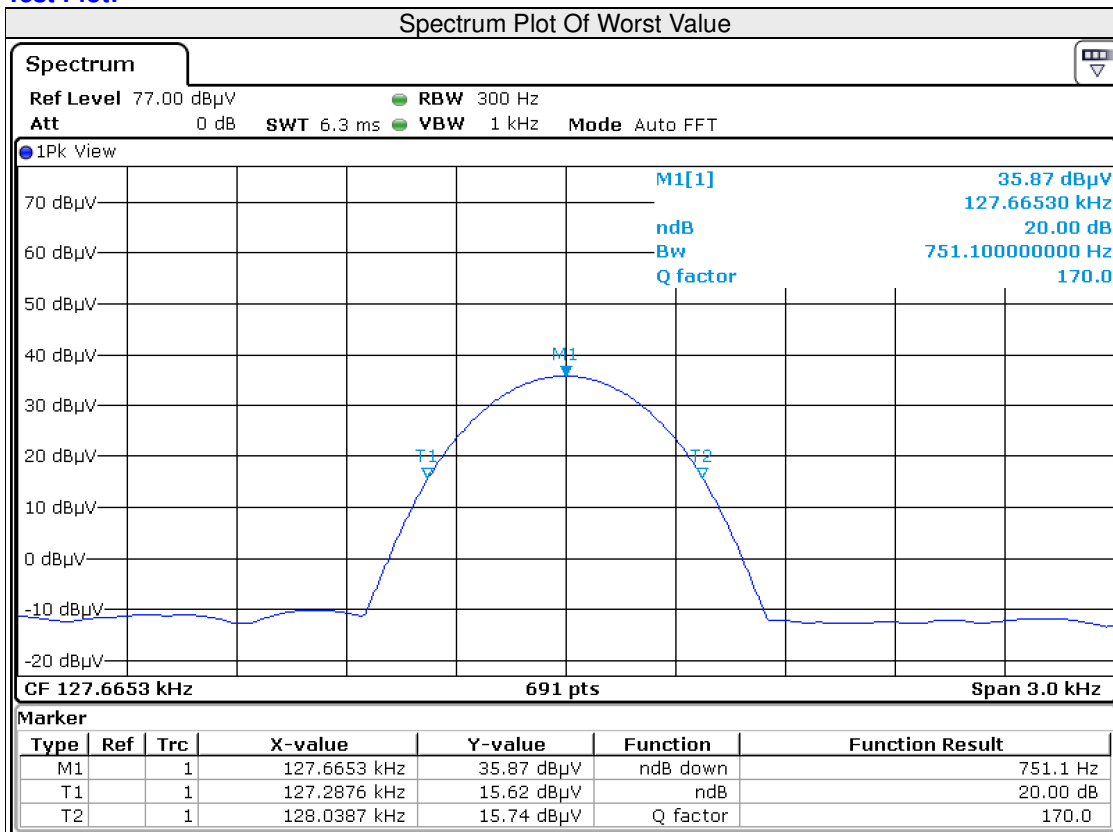
Test Plot:





Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
B	127.7	751.1

Test Plot:



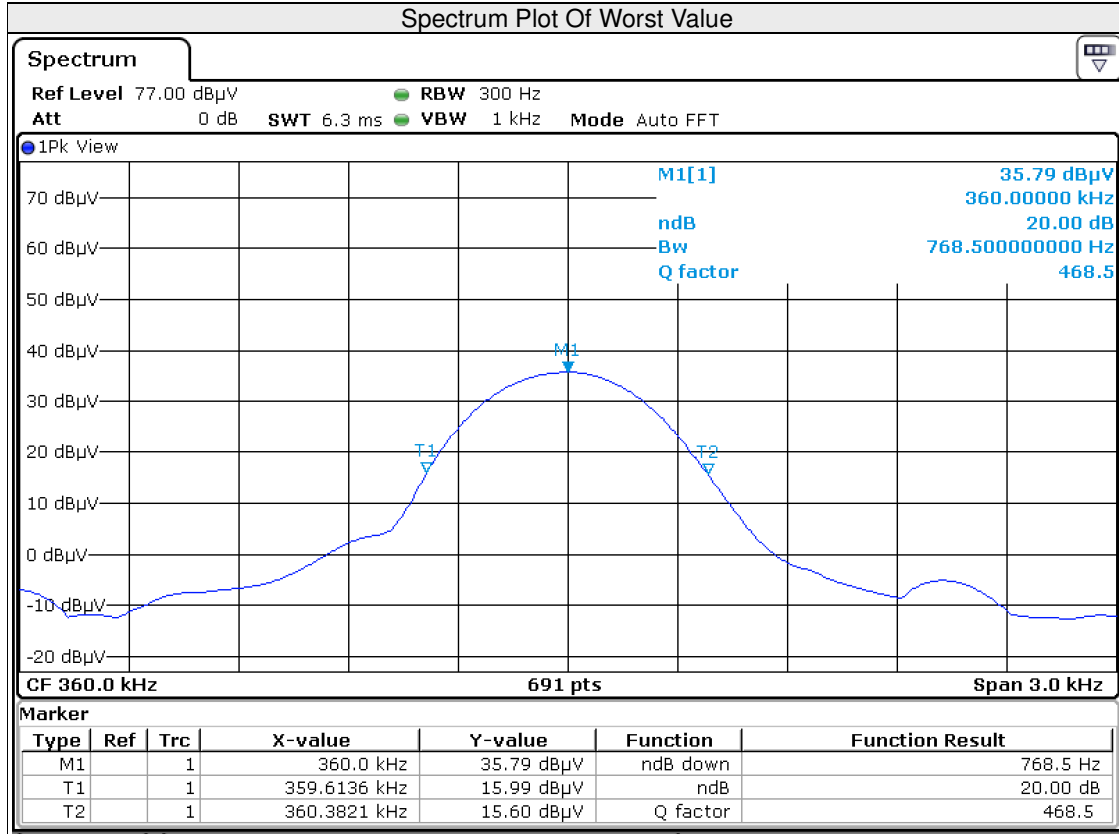


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Test Report No.: RF2404WDG0125

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
C	360.0	768.5

Test Plot:



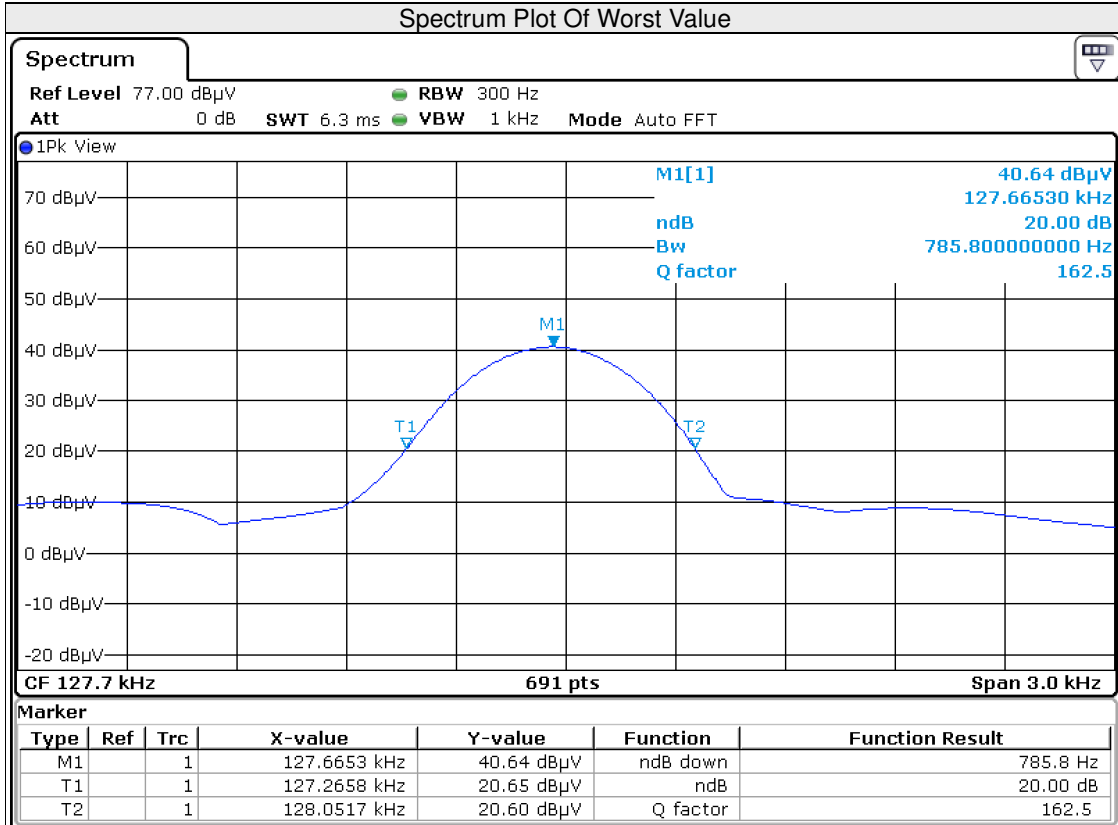


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Test Report No.: RF2404WDG0125

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
D	127.7	785.8

Test Plot:





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Test Report No.: RF2404WDG0125

6 PHOTOGRAPHS OF THE TEST CONFIGURATION

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



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Test Report No.: RF2404WDG0125

7 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---