

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 2-In-1 Magnetic Wireless Charging Stand with Qi2
Brand Name	belkin
Model	WIZ028
Additional Model & Model Difference	N/A
Date of tests	May 10, 2024 ~ May 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: Jun. 07, 2024	

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Test Report No.: RF2404WDG0327

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF2404WDG0327	Original release	May 30, 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
Conducted emissions	0.15MHz ~ 30MHz	3.36 dB
Radiated emissions	9KHz ~ 30MHz	2.16dB
	30MHz ~ 1GMHz	4.69 dB

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 2-In-1 Magnetic Wireless Charging Stand with Qi2
MODEL NO.	WIZ028
ADDITIONAL MODE	N/A
SAMPLE STATUS	Engineering sample
FCC ID	K7SWIZ028
POWER SUPPLY	DC 9V From Adapter
MODULATION TYPE	FSK
OPERATING FREQUENCY RANGE	Charging Stand(MPP):127.7kHz & 360kHz Charging Pad(BPP):111-148kHz
I/O PORTS	Coil Antenna*2
FIELD STRENGTH	79.55dBuV/m
MAXIMUM POWER OUTPUT FROM THE CHARGING COIL	Max Power is 15W
CABLE SUPPLIED	See note 4

NOTES:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
- Please refer to the EUT photo document (Reference No.: 2404WDG0327) for detailed product photo.
- Product cable information as follows :

ID	Descriptions	Qty.	Length (m)	Shielding (Y/N)	Cores (Qty.)	Remark
1	USB-C to USB-C cable	1	1.5	Y	0	UTC-C-5FT-WH-01

- Adapter information as follows :

USB-C Power Adapter	
MODEL NO.:	A732-150240C-US1
BRAND NAME:	N/A
INPUT:	100-240V~ 50/60Hz 1.2A
OUTPUT:	5.0V/3.0A, 9.0V/2.23A, 12.0V/3A, 15V/2.4A

3.2 DESCRIPTION OF TEST MODES

The following test frequencies are provided to this EUT:

Configure	Mode		Operating Frequency Range(KHz)	
	Charging Pad	Charing Stand	Charging Pad	Charing Stand
A	Standby	Standby	146	-
B	Standby	iPhone 15 Pro	146	360
C	Standby	AirPods Pro Case	146	127.7
D	iPhone 11 Pro	Standby	145.6	-
E	iPhone 11 Pro	iPhone 15 Pro	113.1	360
F	iPhone 11 Pro	AirPods Pro Case	146.5	127.7

3.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO			DESCRIPTION	
	RE<1G	PLC	20BW	Charging Pad	Charging Pad
A	√	-	√	Standby+Standby	
B	√	-	√	Standby+iPhone 15 Pro	
C	√	-	√	Standby+AirPods Pro Case	
D	√	-	√	iPhone 11 Pro+Standby	
E	√	√	√	iPhone 11 Pro+ iPhone 15 Pro	
F	√	-	√	iPhone 11 Pro+ AirPods Pro Case	

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

PLC: Power Line Conducted Emission

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 worst final test as listed below.

EUT configure mode	Operating Frequency Range(kHz)		Test Frequency(kHz)		Modulation Type
	Charging Pad	Charigng Stand	Charging Pad	Charigng Stand	
E	111-148	127.7&360	113.1	360	FSK

**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)		Test Frequency(kHz)		Modulation Type
	Charging Pad	Charigng Stand	Charging Pad	Charigng Stand	
A	111-148	127.7&360	146	-	FSK
B	111-148	127.7&360	146	360	FSK
C	111-148	127.7&360	146	127.7	FSK
D	111-148	127.7&360	145.6	-	FSK
E	111-148	127.7&360	113.1	360	FSK
F	111-148	127.7&360	145.6	360	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)		Test Frequency(kHz)		Modulation Type
	Charging Pad	Charigng Stand	Charging Pad	Charigng Stand	
A	111-148	127.7&360	146	-	FSK
B	111-148	127.7&360	146	360	FSK
C	111-148	127.7&360	146	127.7	FSK
D	111-148	127.7&360	145.6	-	FSK
E	111-148	127.7&360	113.1	360	FSK
F	111-148	127.7&360	145.6	360	FSK

TEST CONDITION:

Applicable to	Environmental conditions	Input Power	Tested by
RE<1G	25 °C, 56% RH/27 °C, 58% RH	AC 120V 60Hz	Albert/Jelly
PLC	25 °C, 45RH	AC 120V 60Hz	Summer
20BW	24 °C, 58% RH	AC 120V 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.

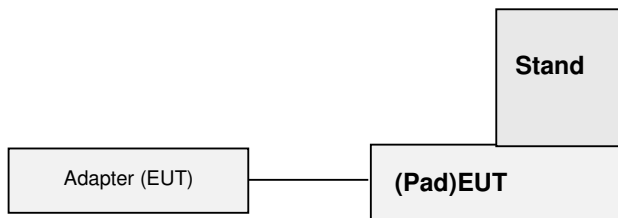
NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	iPhone 15 Pro	Apple	MTQ63CH/A	F43Q7N4Q4H	BCG-E8438A
2	AirPods Pro Charging Case	Apple	A2190	GXDGFE8W1059	N/A
3	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A

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

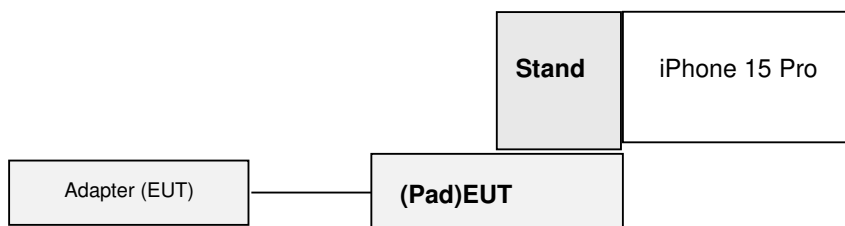
NOTE: All power cords of the above support units are non-shielded (1.8m).

3.5 CONFIGURATION OF SYSTEM UNDER TEST

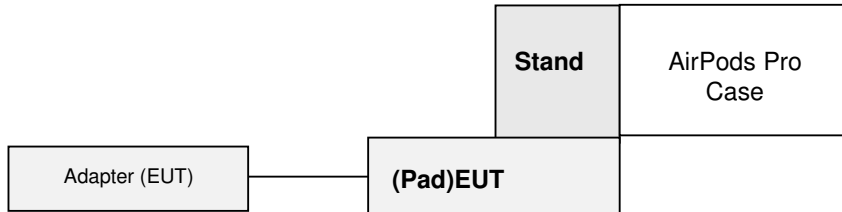
Mode A: Standby



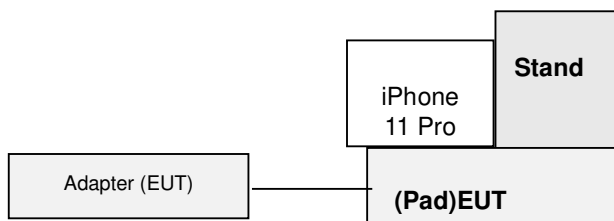
ModeB: EUT(Charging Stand) Mode with iPhone 15 Pro



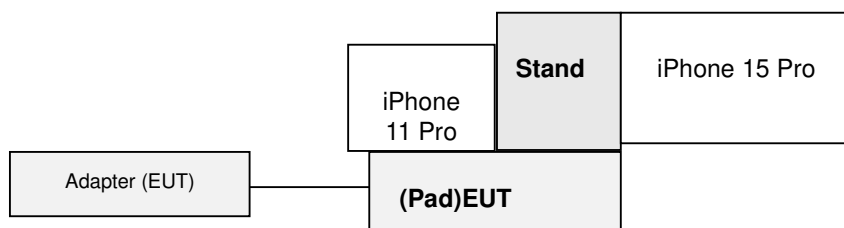
ModeC: EUT(Charging Stand) Mode with AirPods Pro Case



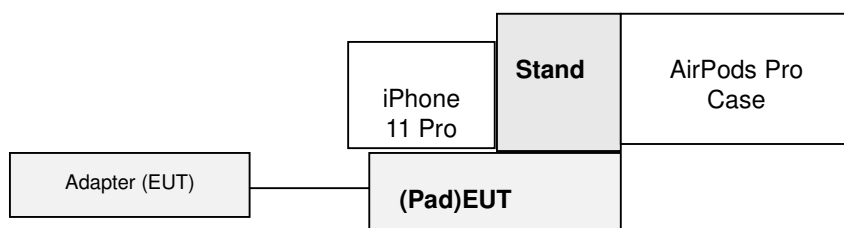
Mode D: EUT(Charging Pad) Mode with iPhone 11 Pro



Mode E: EUT(Charging Stand) Mode with iPhone 15 Pro+ EUT(Charging Pad) Mode with iPhone 11 Pro



Mode F: EUT(Charging Stand) Mode with iPhone 15 Pro+ EUT(Charging Pad) Mode with AirPods Pro Case





Test Report No.: RF2404WDG0327

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. 21,18	Mar. 20,19
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	Mar. 03,18	Mar. 02,19
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	Apr. 11,18	Apr. 10,19
Voltage probe	SCHWARZBECK	TK 9421	TK 9421-176	Jan. 17,18	Jan. 16,19
Test software	ADT	ADT_Cond_V7.3.7	N/A	N/A	N/A

- NOTE:**
1. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation.
 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:

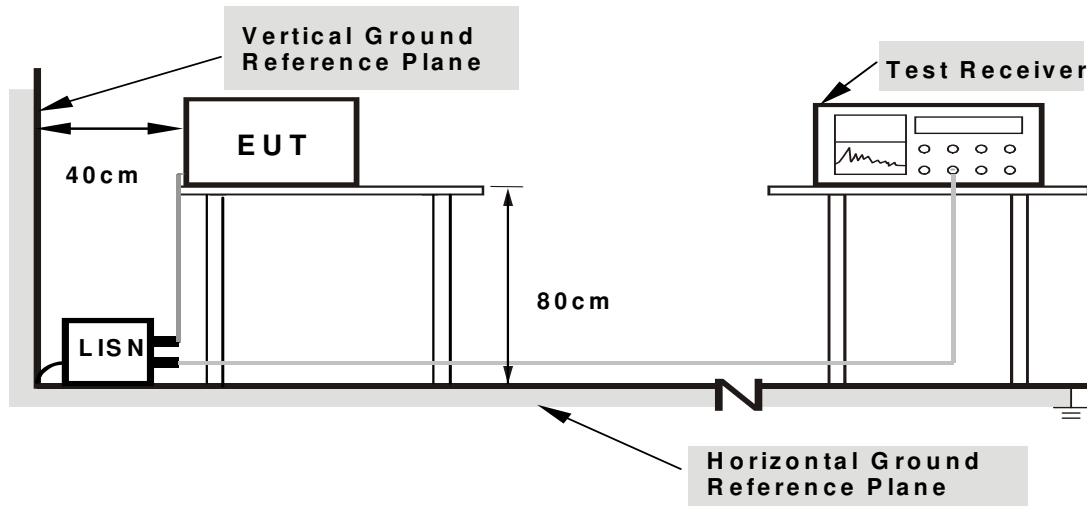
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission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

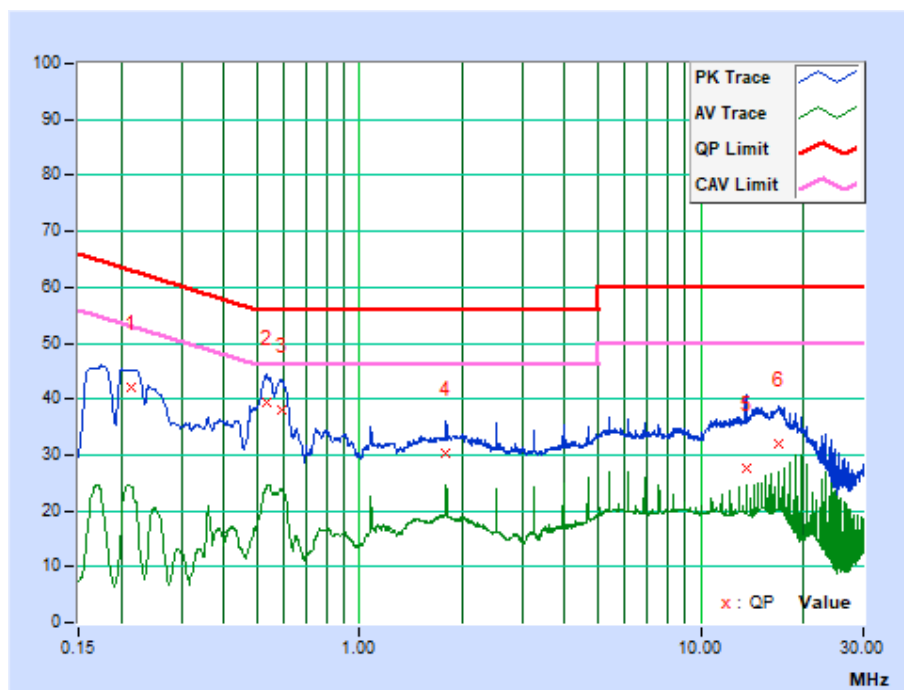
- a. Turned on the power of all equipment.
- b. EUT was operated according to the type description in manufacturer's specifications or the User's Manual.

4.1.7 TEST RESULTS

TEST MODE	Mode E	6DB BANDWIDTH	9 kHz
TEST VOLTAGE	AC 120V 60Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	25deg. C, 45% RH	TESTED BY	Summer

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	0.21403	9.74	32.28	14.21	42.02	23.95	63.05	53.05	-21.03	-29.10
2	0.53221	9.80	29.46	13.95	39.26	23.75	56.00	46.00	-16.74	-22.25
3	0.58838	9.81	28.16	13.68	37.97	23.49	56.00	46.00	-18.03	-22.51
4	1.79765	9.91	20.42	13.98	30.33	23.89	56.00	46.00	-25.67	-22.11
5	13.56000	10.50	17.12	8.80	27.62	19.30	60.00	50.00	-32.38	-30.70
6	16.91025	10.67	21.37	15.48	32.04	26.15	60.00	50.00	-27.96	-23.85

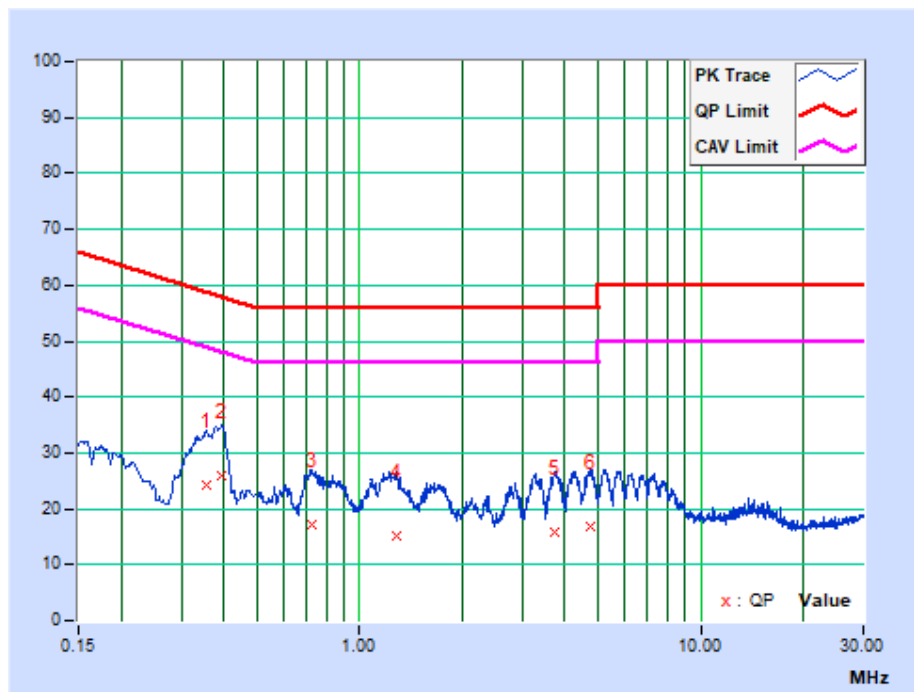
REMARKS: The emission levels of other frequencies were very low against the limit.



TEST MODE	Mode E	6DB BANDWIDTH	9 kHz
TEST VOLTAGE	AC 120V 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	25deg. C, 45% RH	TESTED BY	Summer

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	0.58066	9.42	29.01	13.21	38.43	22.63	56.00	46.00	-17.57	-23.37
2	1.79925	9.53	30.35	21.48	39.88	31.01	56.00	46.00	-16.12	-14.99
3	5.39700	9.72	29.51	22.41	39.23	32.13	60.00	50.00	-20.77	-17.87
4	6.11700	9.76	28.72	22.19	38.48	31.95	60.00	50.00	-21.52	-18.05
5	6.83700	9.80	27.82	21.10	37.62	30.90	60.00	50.00	-22.38	-19.10
6	13.56450	10.06	23.24	13.26	33.30	23.32	60.00	50.00	-26.70	-26.68

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



4.2 ADIATED 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

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)

4.2.2 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. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation.
 3. The FCC Site Registration No. is 749762.

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, 26
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. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation.
 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 1.3 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 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:

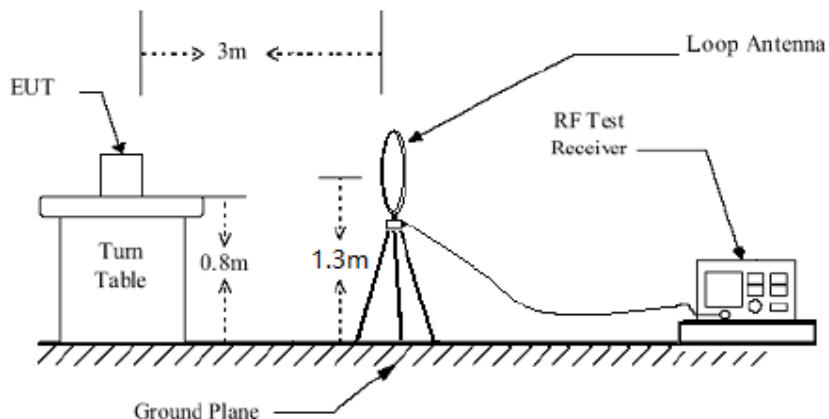
1. The resolution bandwidth of test receiver/spectrum analyzer is 200Hz for Quasi-peak detection (QP/AV) at fundamental frequency 9K-150KHz;
2. The resolution bandwidth of test receiver/spectrum analyzer is 9KHz for Quasi-peak detection (QP/AV) at fundamental frequency 150K-30MHz;
3. The resolution bandwidth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

4.2.4 DEVIATION FROM TEST STANDARD

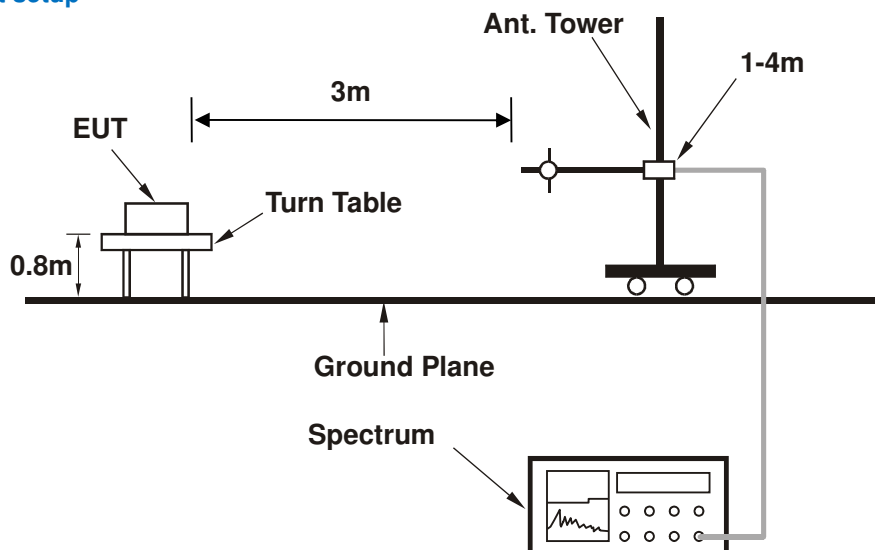
No deviation.

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

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

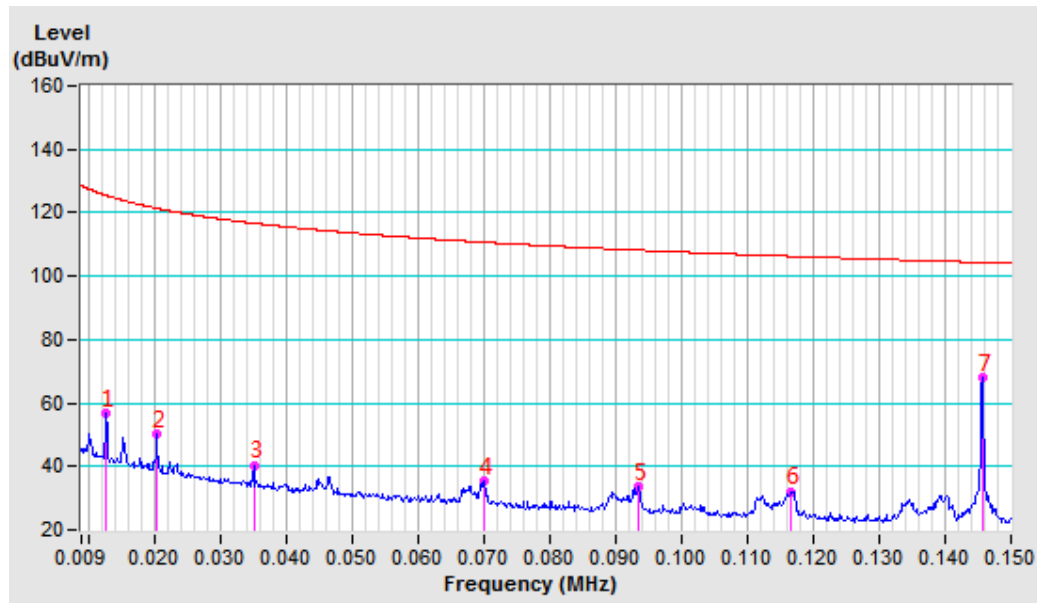


4.2.7 TEST RESULTS

Standby Mode

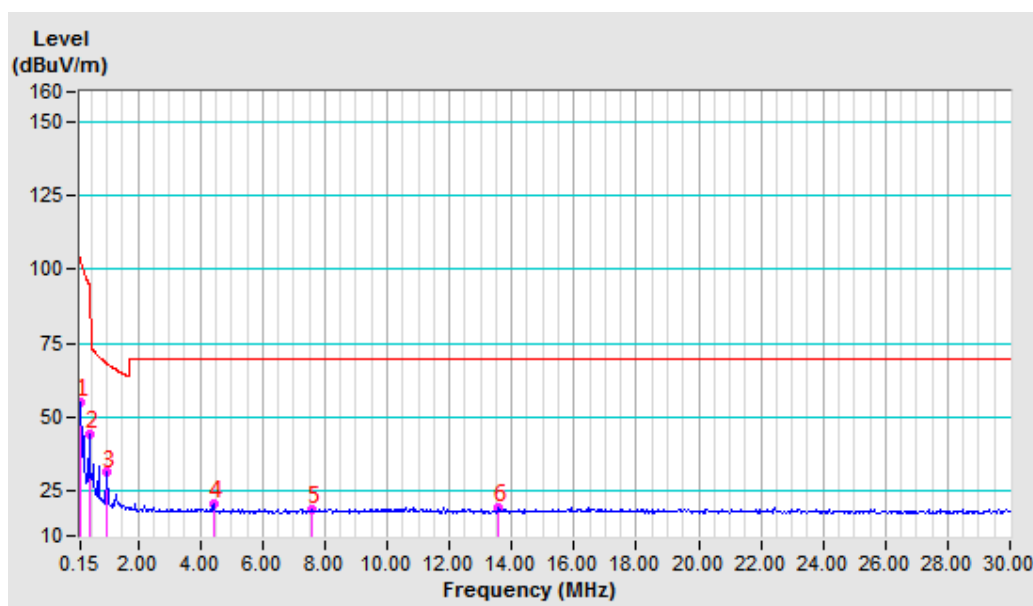
Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0128AV	-10.39	66.97	56.58	125.46	-68.88	100	340
2	0.0205AV	-10.89	60.86	49.97	121.38	-71.41	100	273
3	0.0352AV	-11.54	51.94	40.40	116.67	-76.27	100	90
4	0.0701AV	-11.60	46.78	35.18	110.69	-75.51	100	158
5	0.0936QP	-11.57	45.23	33.66	108.18	-74.52	100	158
6	0.1167AV	-11.57	43.62	32.05	106.26	-74.21	100	158
7	0.1456AV	-11.57	79.35	67.78	104.34	-36.56	100	176



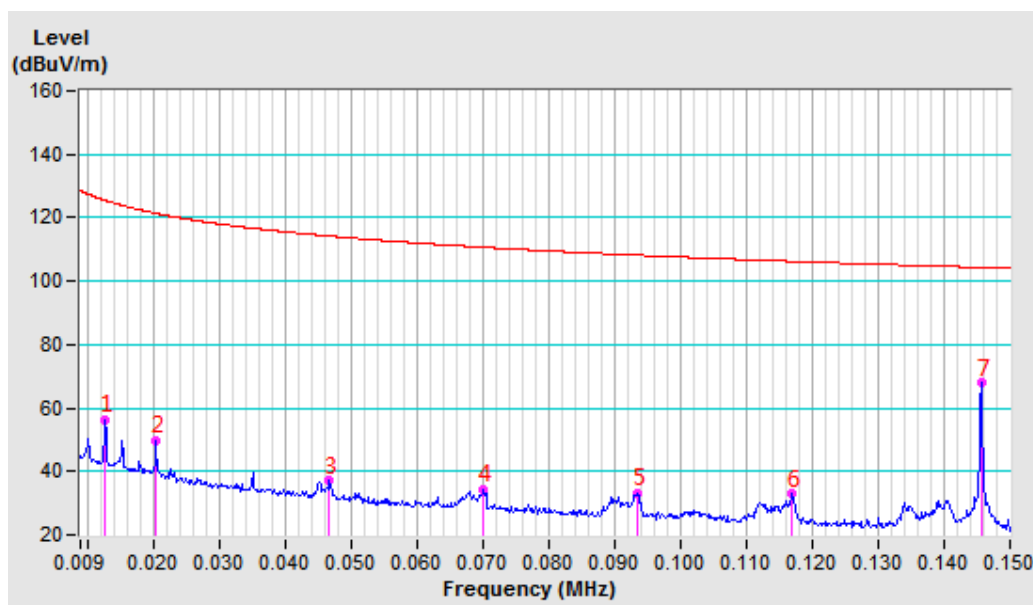
Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.1500AV	-11.57	66.79	55.22	104.08	-48.86	100	183
2	0.4366AV	-11.57	55.77	44.20	94.80	-50.60	100	158
3	1.0187QP	-11.66	43.00	31.34	68.03	-36.69	100	174
4	4.4247QP	-11.26	32.14	20.88	69.54	-48.66	100	58
5	7.5547QP	-10.88	29.92	19.04	69.54	-50.50	100	359
6	13.5653QP	-10.47	30.20	19.73	69.54	-49.81	100	180



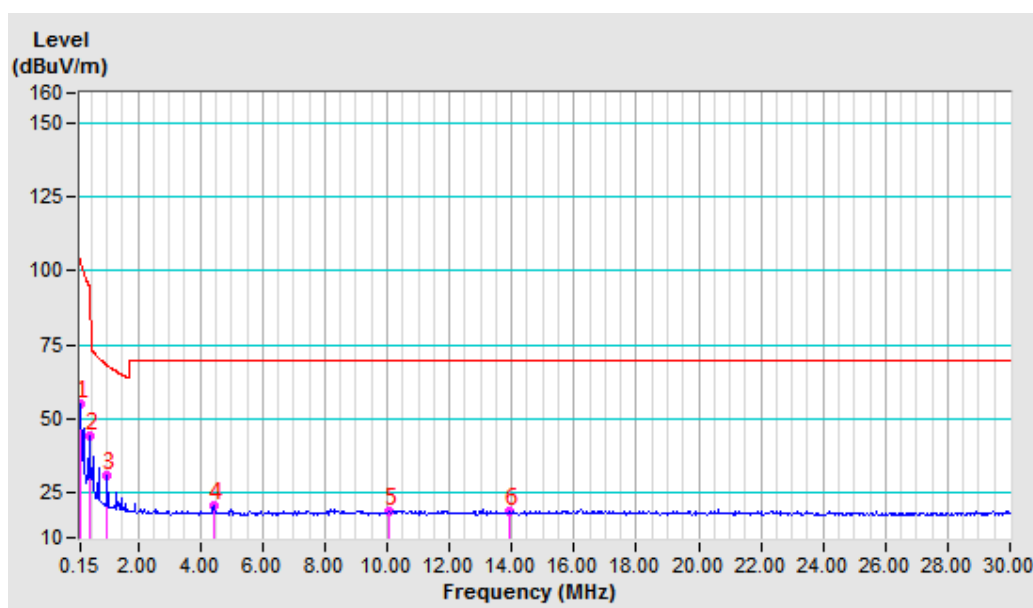
Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0128AV	-10.39	66.84	56.45	125.47	-69.02	100	360
2	0.0205AV	-10.89	60.80	49.91	121.39	-71.48	100	34
3	0.0468AV	-11.58	48.57	36.99	114.20	-77.21	100	161
4	0.0702AV	-11.60	46.00	34.40	110.67	-76.27	100	152
5	0.0935QP	-11.57	44.75	33.18	108.18	-75.00	100	161
6	0.1170AV	-11.57	44.36	32.79	106.24	-73.45	100	161
7	0.1456AV	-11.57	79.38	67.81	104.34	-36.53	100	170



Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

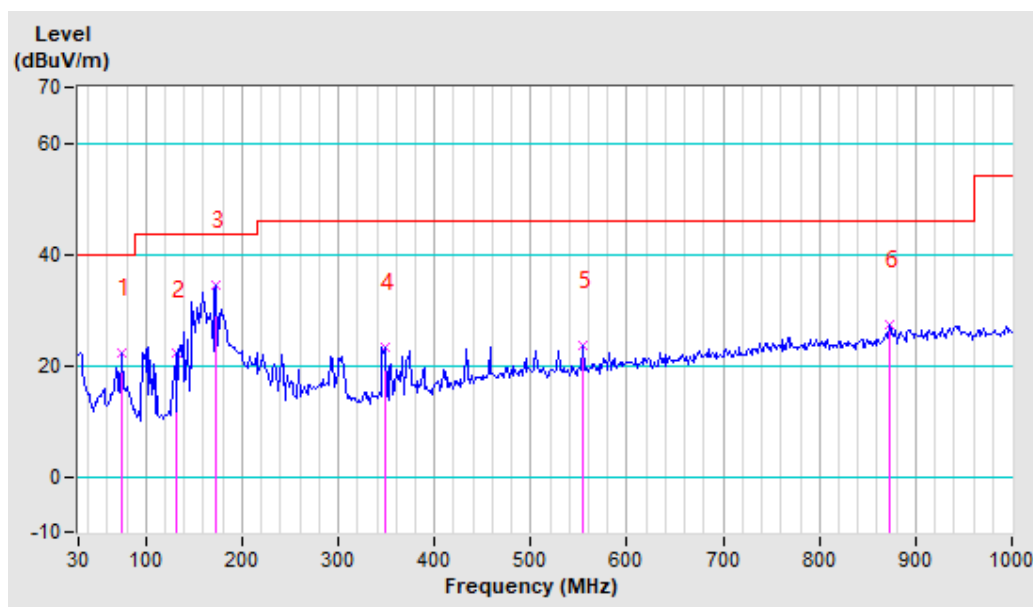
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correctio n Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.1500AV	-11.57	66.94	55.37	104.08	-48.71	100	177
2	0.4366AV	-11.57	56.10	44.53	94.80	-50.27	100	143
3	1.0187QP	-11.66	42.74	31.08	68.03	-36.95	100	177
4	4.4262QP	-11.26	32.29	21.03	69.54	-48.51	100	106
5	10.0726QP	-10.68	29.84	19.16	69.54	-50.38	100	115
6	13.9503QP	-10.41	29.38	18.97	69.54	-50.57	100	335



Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

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	75.08	-21.13	43.41	22.28	40.00	-17.72	200	144
2	131.04	-18.61	40.68	22.07	43.50	-21.43	100	295
3	173.01	-18.02	52.48	34.46	43.50	-9.04	100	322
4	348.67	-14.75	38.07	23.32	46.00	-22.68	141	358
5	553.86	-9.81	33.50	23.69	46.00	-22.31	158	342
6	872.53	-4.20	31.56	27.36	46.00	-18.64	175	326

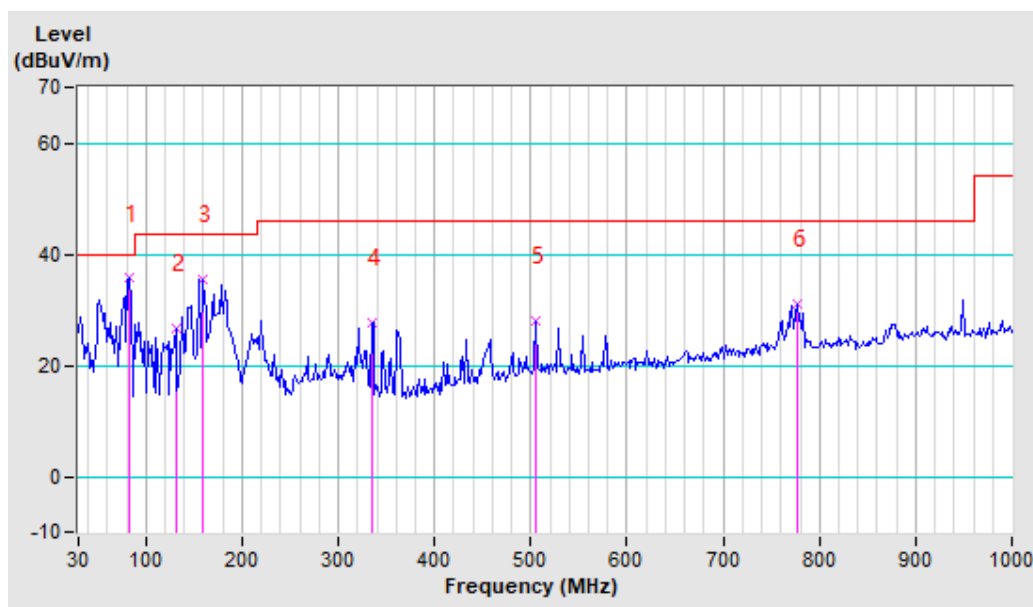
REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions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



Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

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	82.85	-22.92	58.53	35.61	40.00	-4.39	132	76
2	131.04	-18.61	45.27	26.66	43.50	-16.84	250	0
3	159.02	-17.06	52.48	35.42	43.50	-8.08	149	93
4	334.68	-15.06	42.78	27.72	46.00	-18.28	237	180
5	505.67	-10.56	38.48	27.92	46.00	-18.08	250	219
6	776.15	-5.37	36.41	31.04	46.00	-14.96	249	198

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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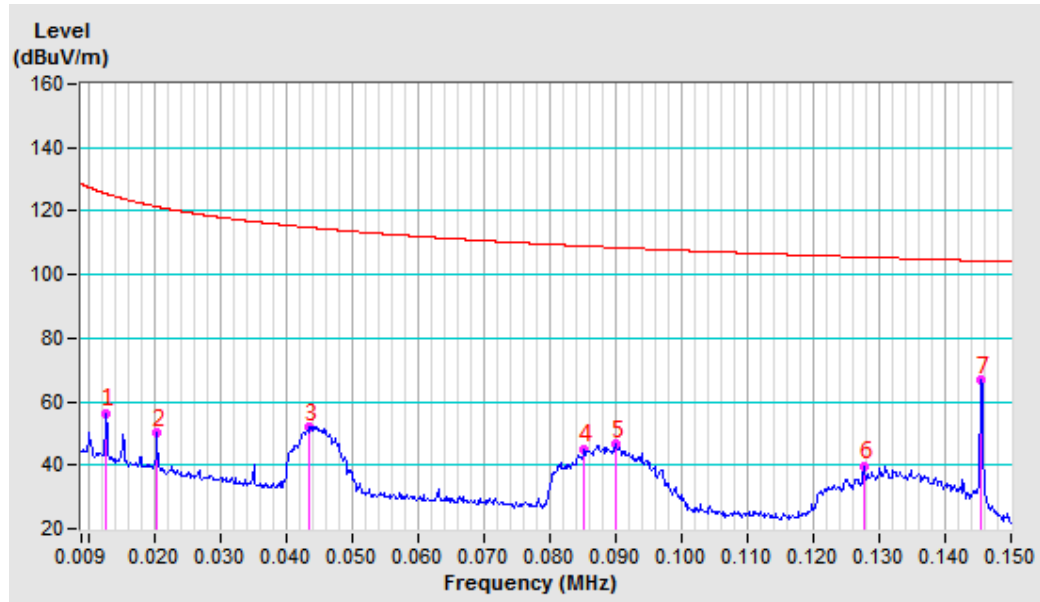
Test Report No.: RF2404WDG0327

Charging Mode

Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

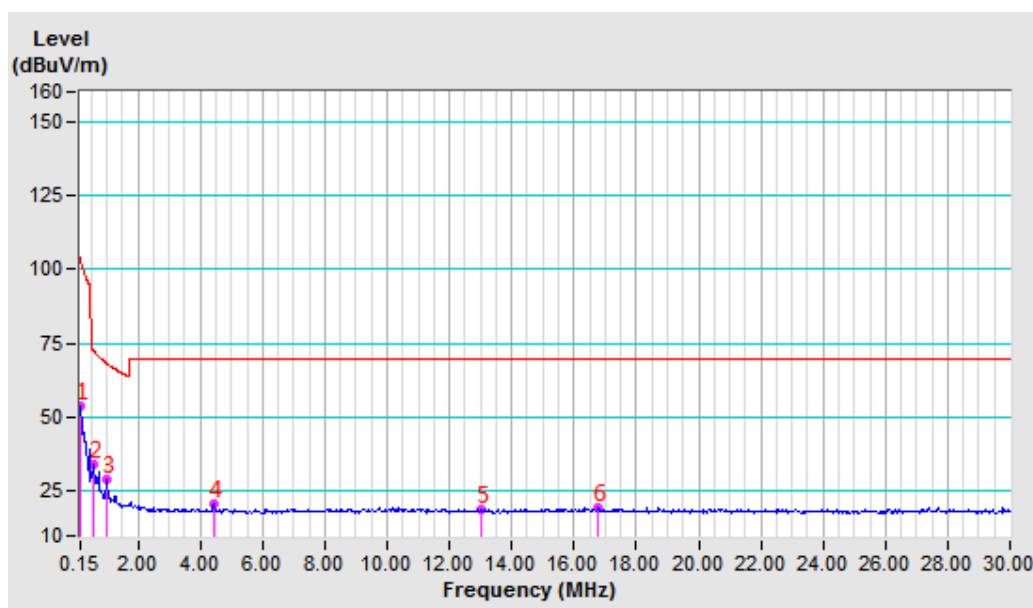
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m

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	0.0128AV	-10.39	66.78	56.39	125.46	-69.07	100	257
2	0.0204AV	-10.89	60.93	50.04	121.39	-71.35	100	332
3	0.0435AV	-11.57	63.62	52.05	114.83	-62.78	100	156
4	0.0853AV	-11.57	56.63	45.06	108.98	-63.92	100	154
5	0.0900AV	-11.57	58.26	46.69	108.51	-61.82	100	164
6	0.1278AV	-11.58	51.31	39.73	105.47	-65.74	100	154
7	0.1455AV	-11.57	78.38	66.81	104.34	-37.53	100	18



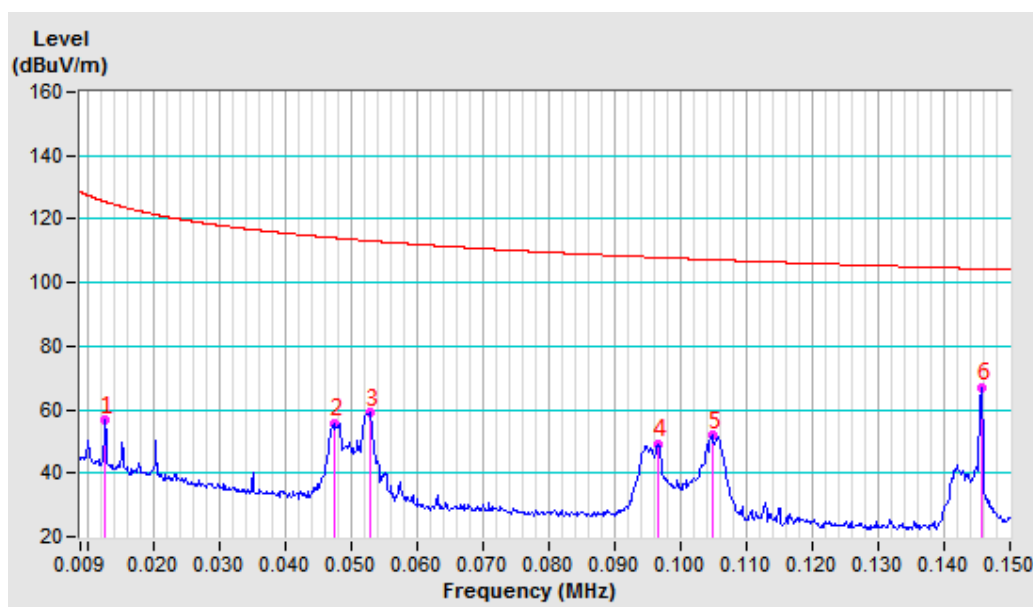
Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.1500AV	-11.57	65.69	54.12	104.08	-49.96	100	2
2	0.5888QP	-11.61	45.94	34.33	72.35	-38.02	100	170
3	1.0187QP	-11.66	40.75	29.09	68.03	-38.94	100	138
4	4.4412QP	-11.25	32.34	21.09	69.54	-48.45	100	9
5	12.9951QP	-10.55	29.64	19.09	69.54	-50.45	100	222
6	16.7952QP	-10.13	29.53	19.40	69.54	-50.14	100	321



Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0128AV	-10.39	67.13	56.74	125.46	-68.72	100	337
2	0.0474AV	-11.59	67.37	55.78	114.08	-58.30	100	162
3	0.0529AV	-11.59	70.50	58.91	113.13	-54.22	100	160
4	0.0965QP	-11.58	60.78	49.20	107.91	-58.71	100	360
5	0.1048QP	-11.58	63.52	51.94	107.20	-55.26	100	165
6	0.1456AV	-11.57	78.54	66.97	104.34	-37.37	100	360



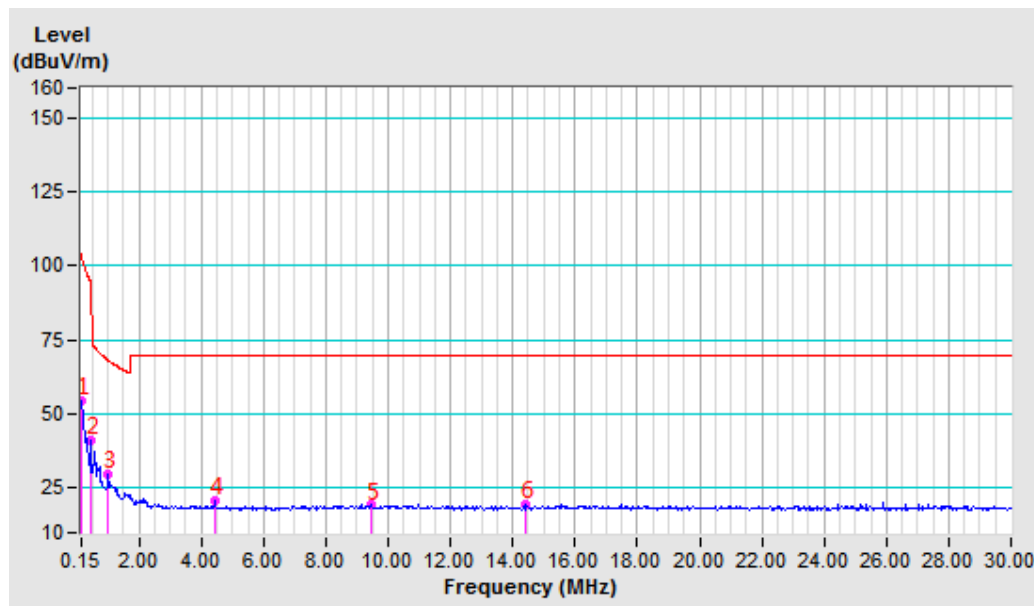


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Test Report No.: RF2404WDG0327

Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.1500AV	-11.57	66.03	54.46	104.08	-49.62	100	360
2	0.4366AV	-11.57	52.59	41.02	94.80	-53.78	100	225
3	1.0187QP	-11.66	41.23	29.57	68.03	-38.46	100	148
4	4.4247QP	-11.26	32.27	21.01	69.54	-48.53	100	343
5	9.4711QP	-10.72	29.98	19.26	69.54	-50.28	100	160
6	14.4265QP	-10.37	30.13	19.76	69.54	-49.78	100	239





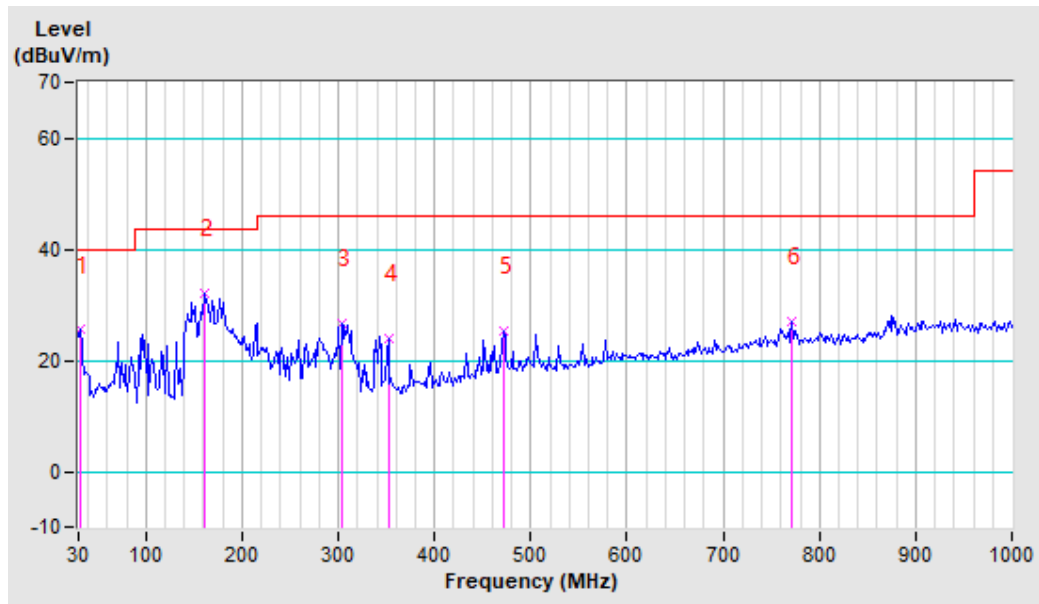
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Test Report No.: RF2404WDG0327

Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

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	31.55	-19.26	44.74	25.48	40.00	-14.52	104	233
2	160.58	-17.11	49.17	32.06	43.50	-11.44	189	318
3	303.59	-15.74	42.28	26.54	46.00	-19.46	148	278
4	351.78	-14.67	38.63	23.96	46.00	-22.04	172	302
5	471.47	-11.13	36.34	25.21	46.00	-20.79	133	263
6	771.49	-5.43	32.45	27.02	46.00	-18.98	100	210

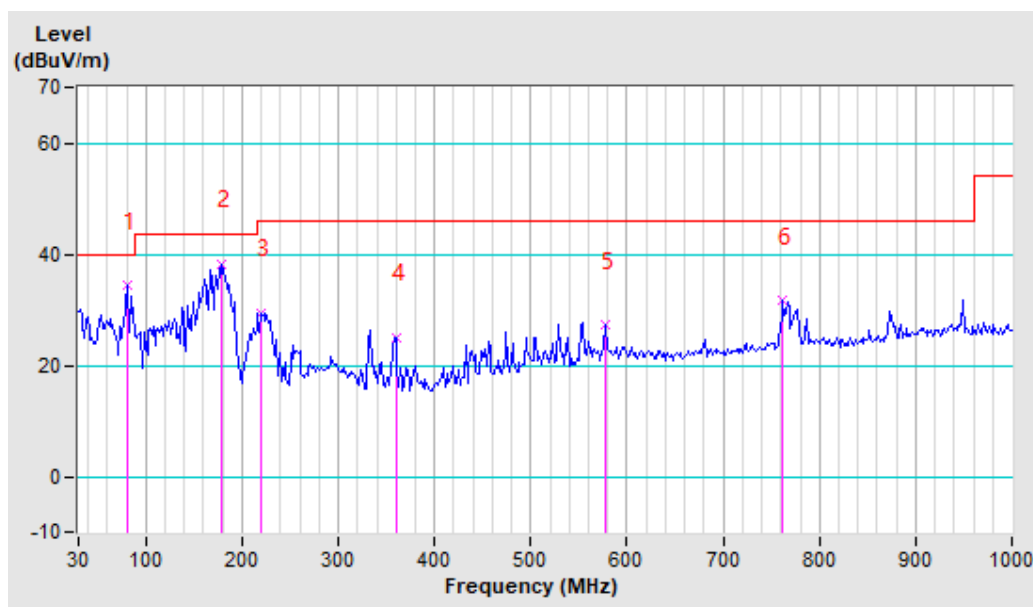
REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions 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	27deg. C, 58% RH	Tested By	Jelly

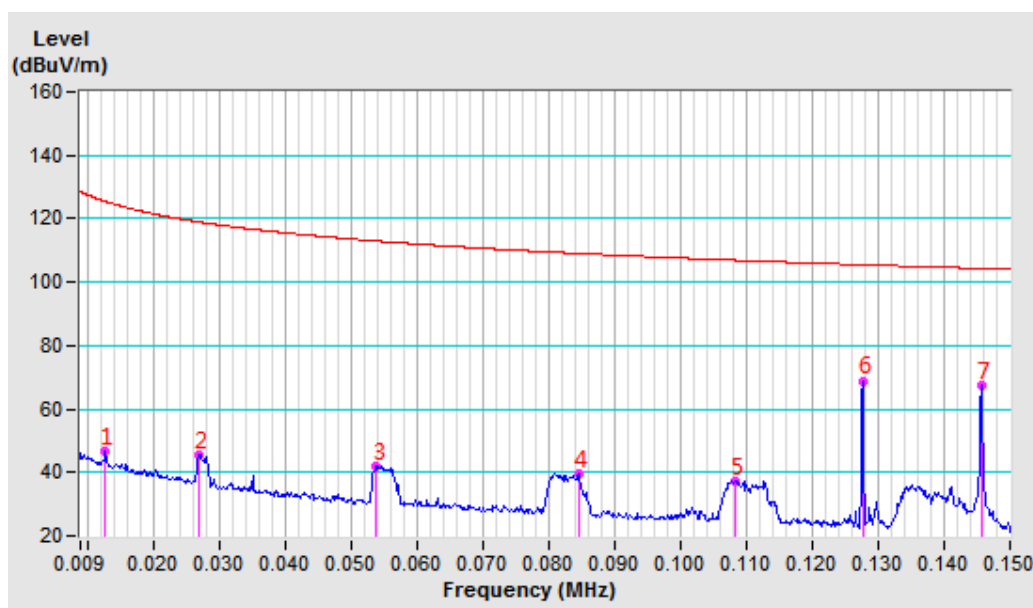
Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	81.30	-22.72	56.99	34.27	40.00	-5.73	164	274
2	179.23	-18.66	56.91	38.25	43.50	-5.25	130	307
3	219.65	-19.10	48.52	29.42	46.00	-16.58	227	212
4	359.55	-14.44	39.43	24.99	46.00	-21.01	210	228
5	577.18	-9.20	36.37	27.17	46.00	-18.83	246	192
6	762.16	-5.55	37.11	31.56	46.00	-14.44	111	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.



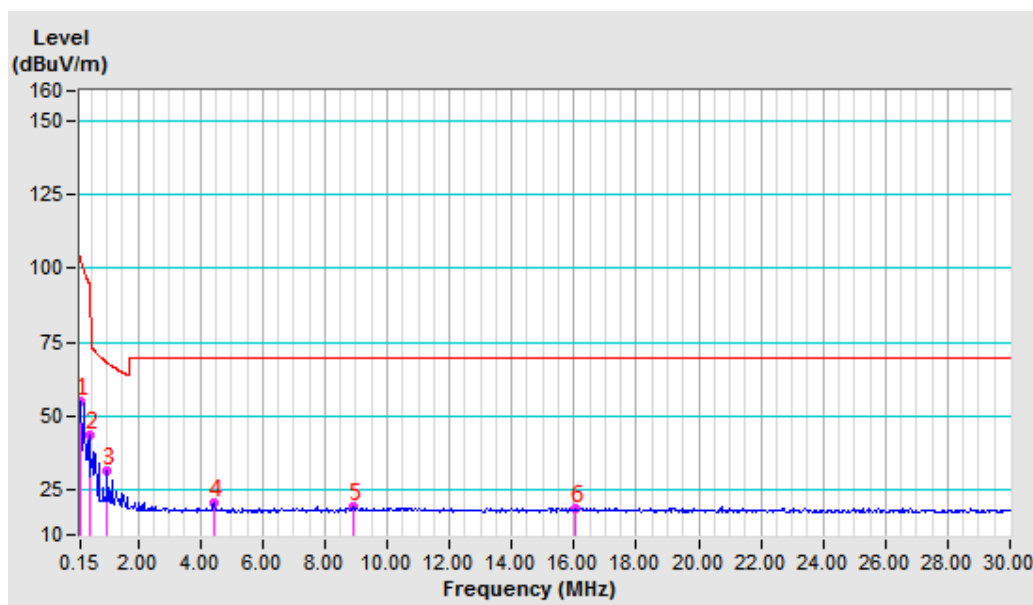
Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0128AV	-10.39	56.83	46.44	125.45	-79.01	100	58
2	0.0270AV	-11.30	56.65	45.35	118.99	-73.64	100	178
3	0.0540AV	-11.59	53.47	41.88	112.96	-71.08	100	165
4	0.0845AV	-11.57	50.98	39.41	109.06	-69.65	100	153
5	0.1082QP	-11.58	48.80	37.22	106.91	-69.69	100	174
6	0.1277AV	-11.58	80.44	68.86	105.48	-36.62	100	173



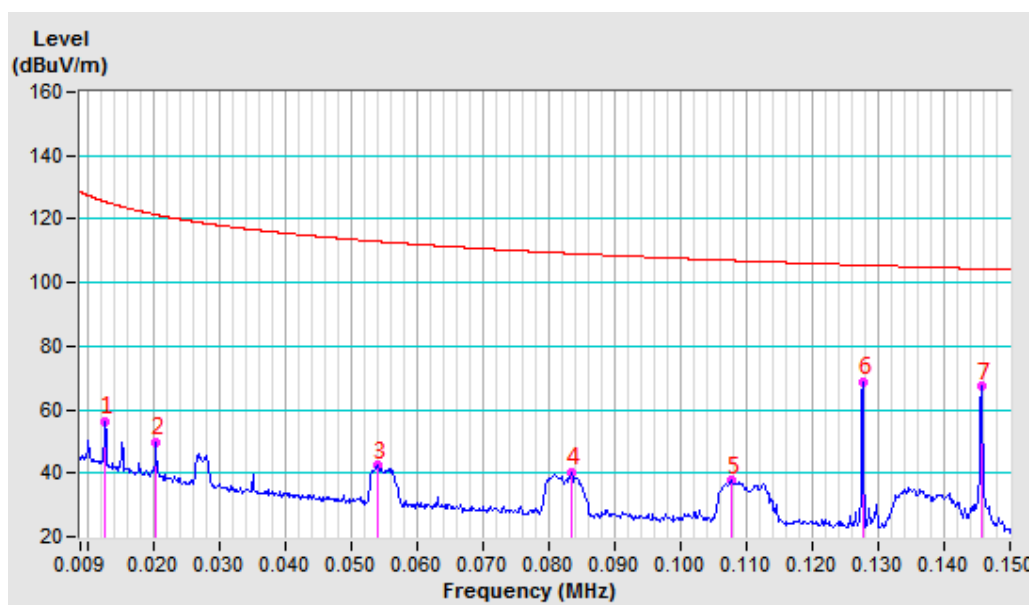
Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.1500AV	-11.57	66.78	55.21	104.08	-48.87	100	178
2	0.4366AV	-11.57	55.27	43.70	94.80	-51.10	100	160
3	1.0187QP	-11.66	43.16	31.50	68.03	-36.53	100	187
4	4.4412QP	-11.25	32.17	20.92	69.54	-48.62	100	360
5	8.9010QP	-10.75	30.31	19.56	69.54	-49.98	100	184
6	16.0414QP	-10.20	29.19	18.99	69.54	-50.55	100	282



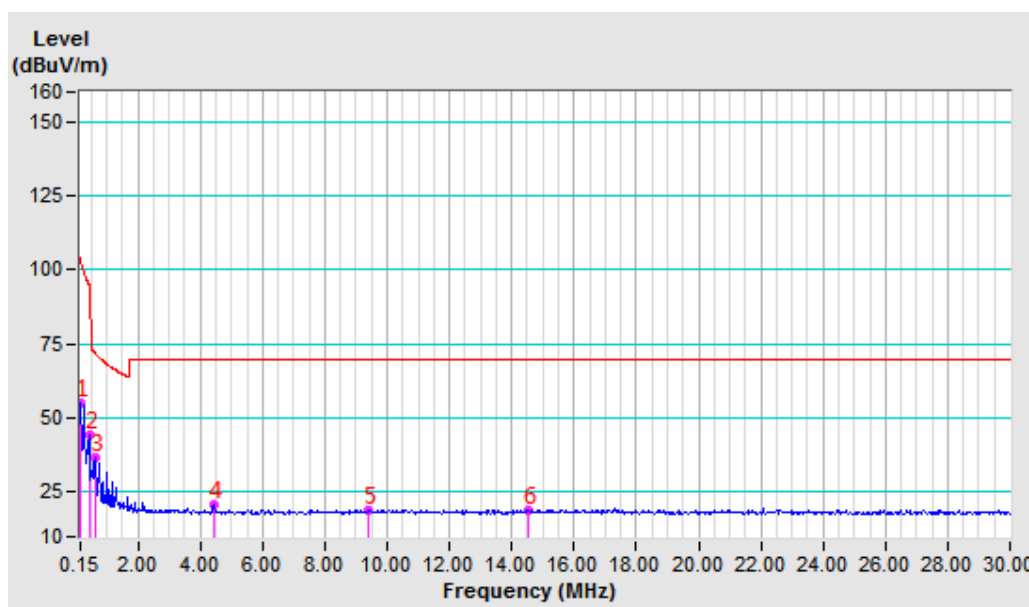
Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0128AV	-10.39	66.81	56.42	125.47	-69.05	100	4
2	0.0205AV	-10.89	60.78	49.89	121.38	-71.49	100	37
3	0.0541AV	-11.59	53.84	42.25	112.93	-70.68	100	149
4	0.0836AV	-11.57	51.85	40.28	109.16	-68.88	100	168
5	0.1078QP	-11.58	49.11	37.53	106.95	-69.42	100	172
6	0.1277AV	-11.58	80.35	68.77	105.48	-36.71	100	178



Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

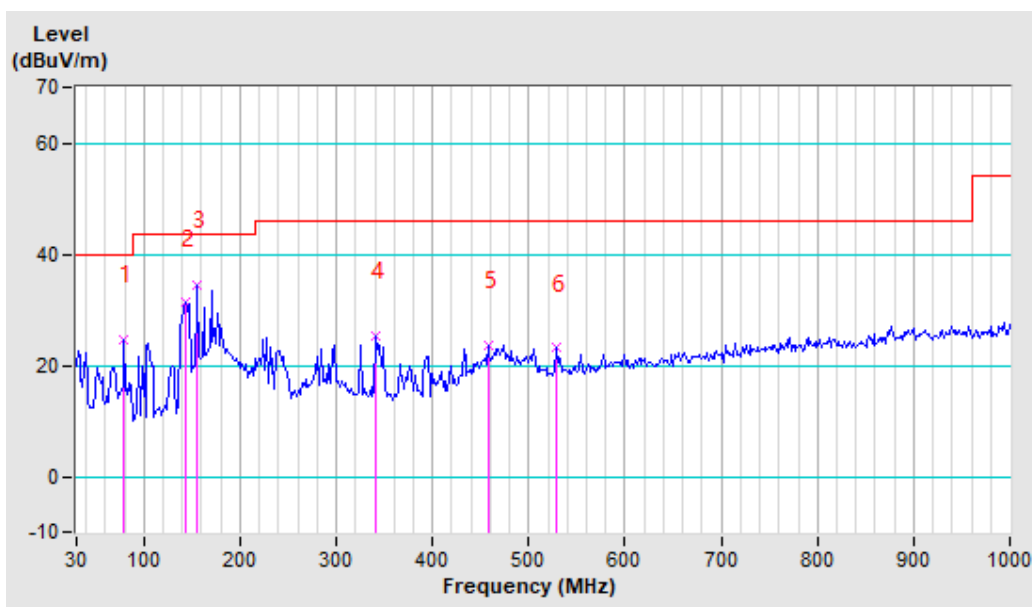
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.1500AV	-11.57	66.68	55.11	104.08	-48.97	100	165
2	0.4366AV	-11.57	55.90	44.33	94.80	-50.47	100	208
3	0.6381QP	-11.62	48.34	36.72	71.72	-35.00	100	174
4	4.4412QP	-11.25	32.14	20.89	69.54	-48.65	100	306
5	9.3875QP	-10.73	29.89	19.16	69.54	-50.38	100	302
6	14.5369QP	-10.35	29.38	19.03	69.54	-50.51	100	184



Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

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	79.74	-22.48	47.21	24.73	40.00	-15.27	157	268
2	143.48	-17.35	48.54	31.19	43.50	-12.31	101	208
3	155.91	-16.99	51.33	34.34	43.50	-9.16	200	345
4	340.90	-14.92	40.11	25.19	46.00	-20.81	191	302
5	457.48	-11.38	34.88	23.50	46.00	-22.50	174	284
6	528.99	-10.21	33.27	23.06	46.00	-22.94	100	182

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.

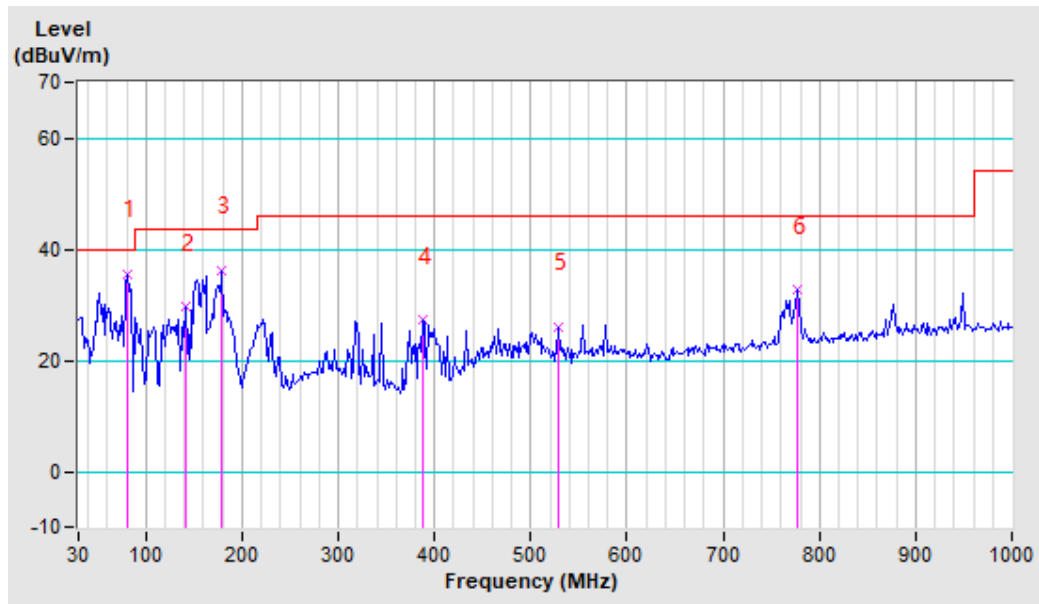




Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

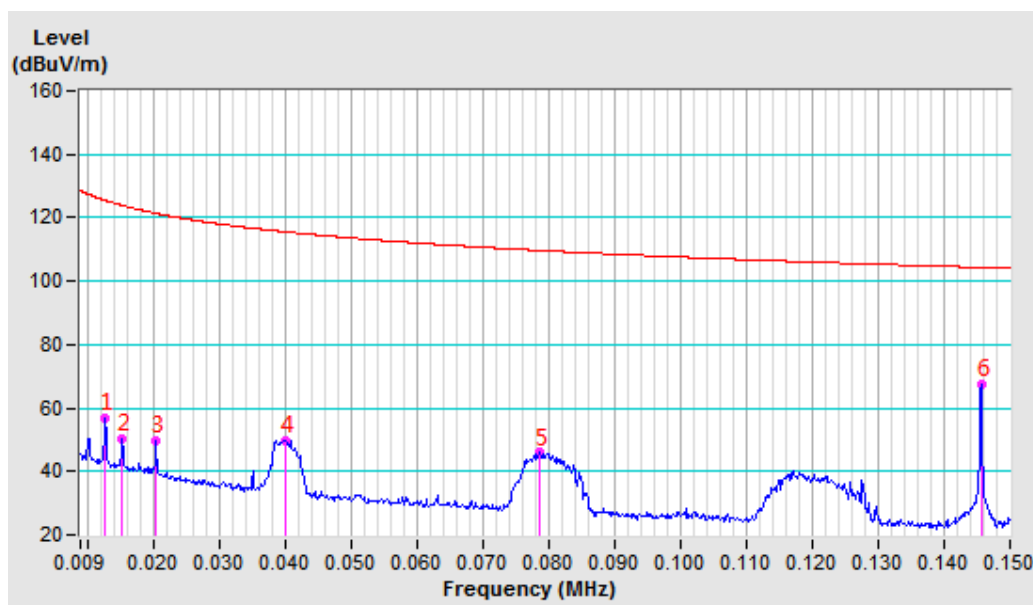
Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	81.30	-22.72	58.28	35.56	40.00	-4.44	131	292
2	141.92	-17.46	47.02	29.56	43.50	-13.94	179	62
3	179.23	-18.66	54.84	36.18	43.50	-7.32	114	310
4	387.53	-13.63	40.80	27.17	46.00	-18.83	250	139
5	528.99	-10.21	36.24	26.03	46.00	-19.97	148	98
6	777.71	-5.35	37.91	32.56	46.00	-13.44	250	15

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	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0128AV	-10.39	67.38	56.99	125.46	-68.47	100	9
2	0.0154AV	-10.56	61.11	50.55	123.87	-73.32	100	298
3	0.0205AV	-10.89	60.81	49.92	121.38	-71.46	100	324
4	0.0401AV	-11.56	61.44	49.88	115.53	-65.65	100	176
5	0.0786AV	-11.57	57.62	46.05	109.69	-63.64	100	166
6	0.1456AV	-11.57	79.11	67.54	104.34	-36.80	100	13



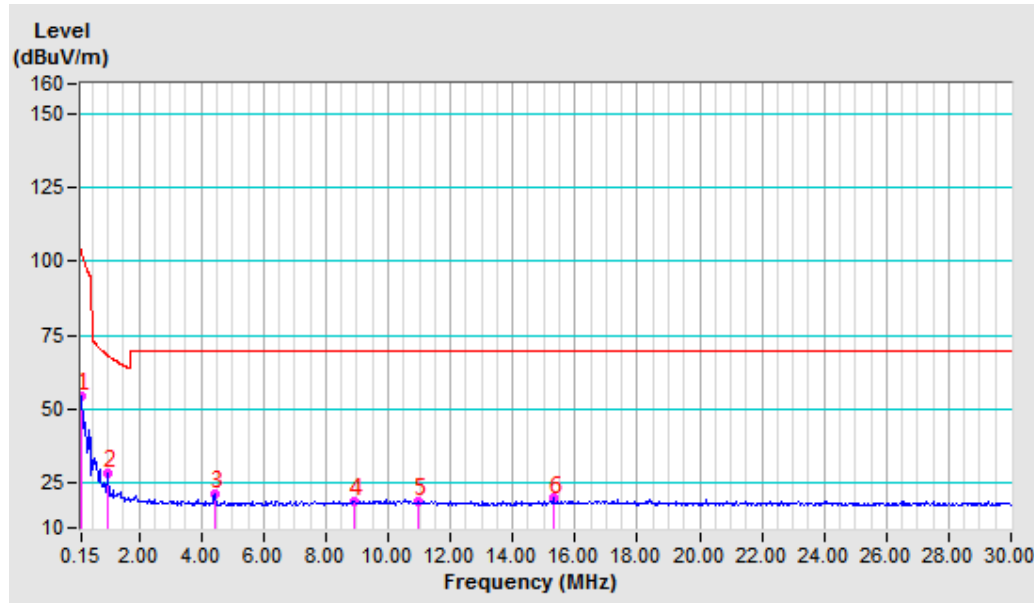


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Test Report No.: RF2404WDG0327

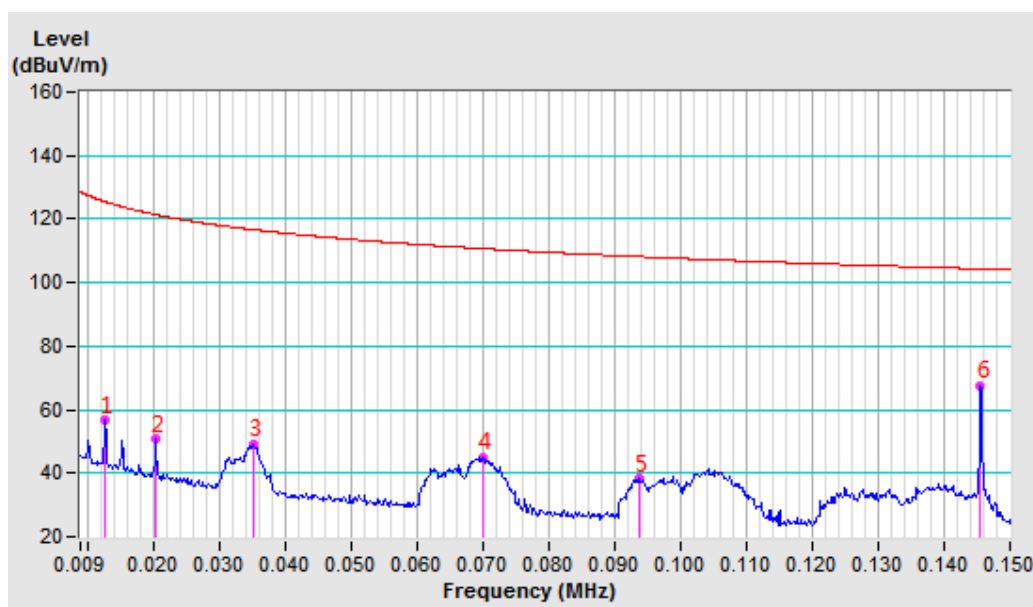
Test Mode	D	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.1500AV	-11.57	66.07	54.50	104.08	-49.58	100	360
2	1.0187QP	-11.66	39.96	28.30	68.03	-39.73	100	152
3	4.4262QP	-11.26	32.48	21.22	69.54	-48.32	100	115
4	8.9069QP	-10.75	29.70	18.95	69.54	-50.59	100	346
5	10.9488QP	-10.69	29.61	18.92	69.54	-50.62	100	41
6	15.3086QP	-10.27	30.19	19.92	69.54	-49.62	100	93



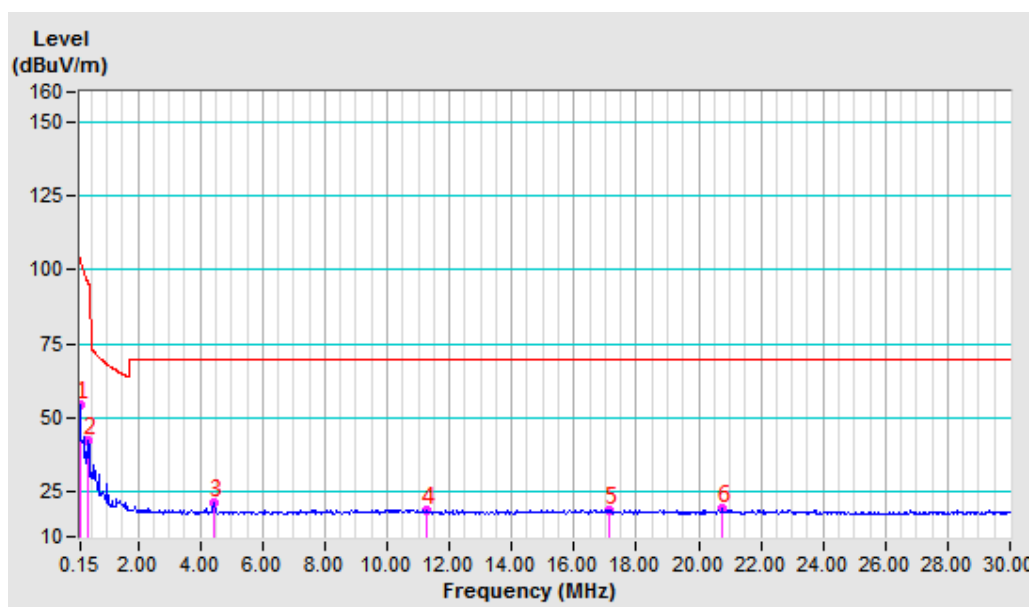
Test Mode	D	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0128AV	-10.39	66.99	56.60	125.46	-68.86	100	192
2	0.0205AV	-10.89	61.55	50.66	121.39	-70.73	100	360
3	0.0352AV	-11.54	60.74	49.20	116.67	-67.47	100	163
4	0.0701AV	-11.60	56.59	44.99	110.69	-65.70	100	150
5	0.0938QP	-11.57	49.92	38.35	108.16	-69.81	100	203
6	0.1456AV	-11.57	79.07	67.50	104.34	-36.84	100	360



Test Mode	D	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

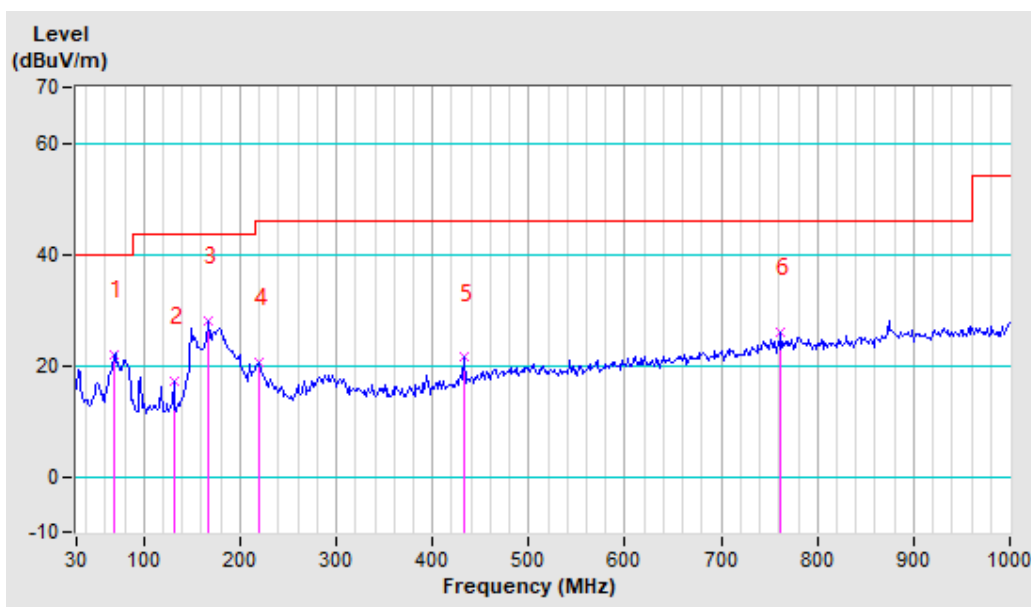
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.1500AV	-11.57	66.36	54.79	104.08	-49.29	100	34
2	0.3828AV	-11.53	53.97	42.44	95.94	-53.50	100	278
3	4.4561QP	-11.25	32.56	21.31	69.54	-48.23	100	142
4	11.2906QP	-10.69	29.83	19.14	69.54	-50.40	100	96
5	17.1221QP	-10.09	29.08	18.99	69.54	-50.55	100	57
6	20.7834QP	-9.98	29.53	19.55	69.54	-49.99	100	252



Test Mode	D	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

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	68.86	-19.33	41.31	21.98	40.00	-18.02	177	314
2	131.04	-18.61	35.86	17.25	43.50	-26.25	100	175
3	166.79	-17.50	45.48	27.98	43.50	-15.52	192	328
4	219.65	-19.10	39.56	20.46	46.00	-25.54	102	235
5	432.61	-12.11	33.53	21.42	46.00	-24.58	131	268
6	762.16	-5.55	31.43	25.88	46.00	-20.12	114	252

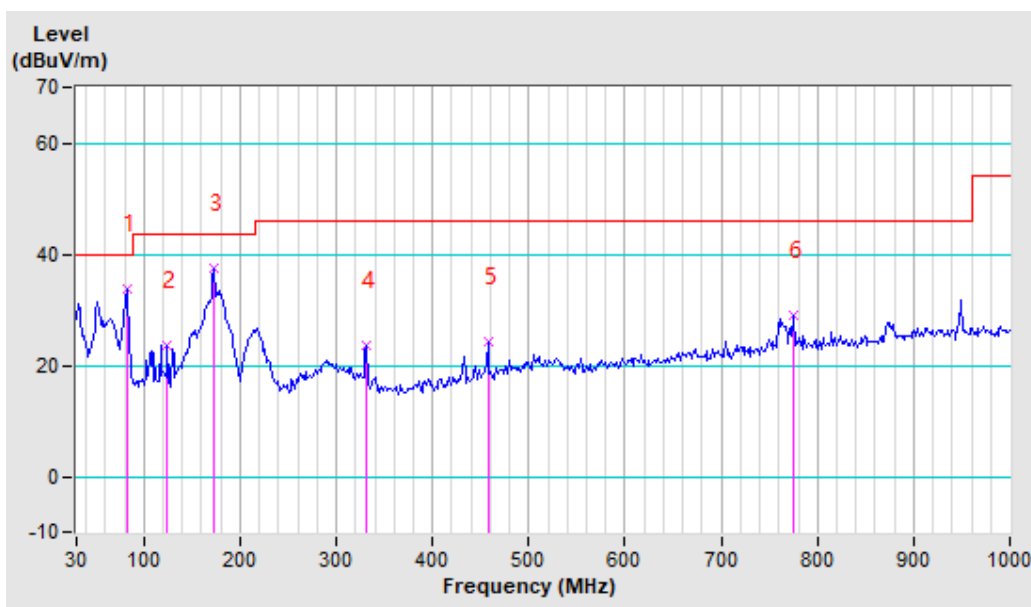
REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions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



Test Mode	D	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

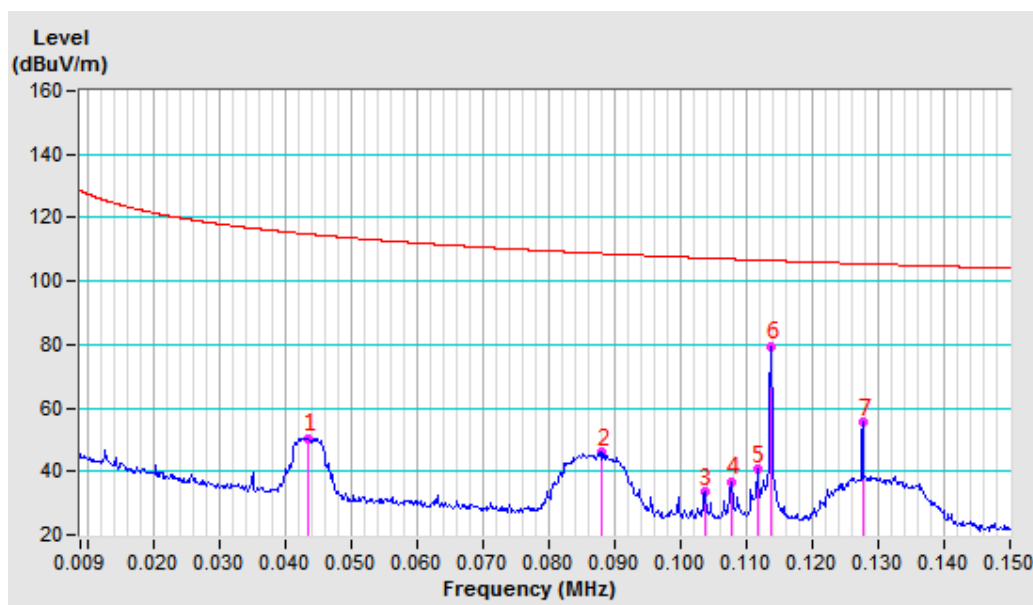
Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	82.85	-22.92	56.63	33.71	40.00	-6.29	216	100
2	124.82	-19.41	42.96	23.55	43.50	-19.95	187	184
3	173.01	-18.02	55.41	37.39	43.50	-6.11	132	17
4	331.57	-15.13	38.62	23.49	46.00	-22.51	236	119
5	457.48	-11.38	35.69	24.31	46.00	-21.69	249	137
6	774.60	-5.39	34.39	29.00	46.00	-17.00	250	154

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	E	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0435AV	-11.57	61.98	50.41	114.83	-64.42	100	168
2	0.0881AV	-11.57	57.56	45.99	108.70	-62.71	100	152
3	0.1036QP	-11.58	45.20	33.62	107.29	-73.67	100	177
4	0.1077QP	-11.58	48.34	36.76	106.96	-70.20	100	345
5	0.1116AV	-11.57	52.22	40.65	106.65	-66.00	100	193
6	0.1137AV	-11.57	91.12	79.55	106.49	-26.94	100	178



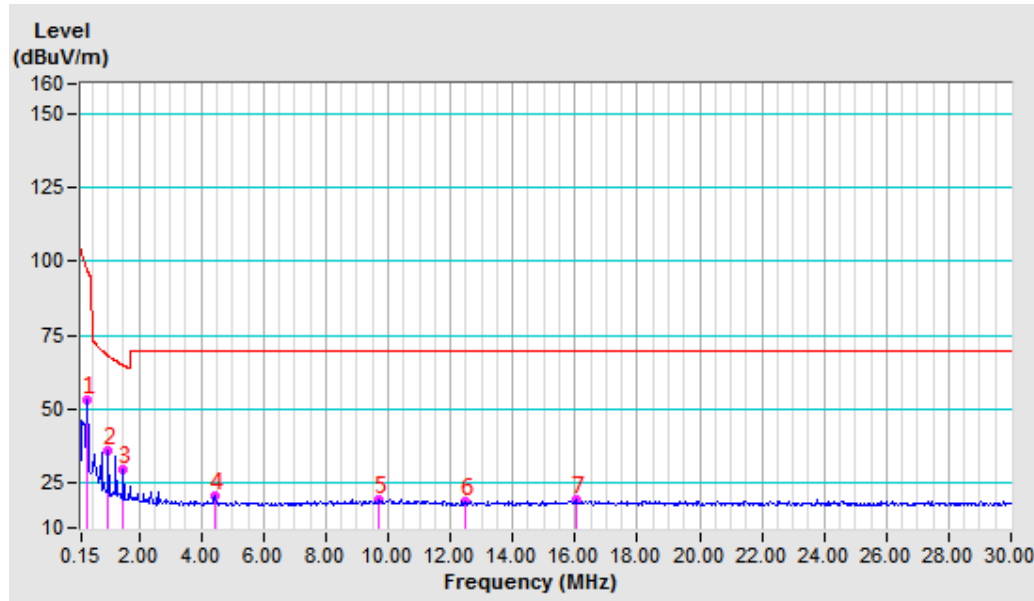


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Test Report No.: RF2404WDG0327

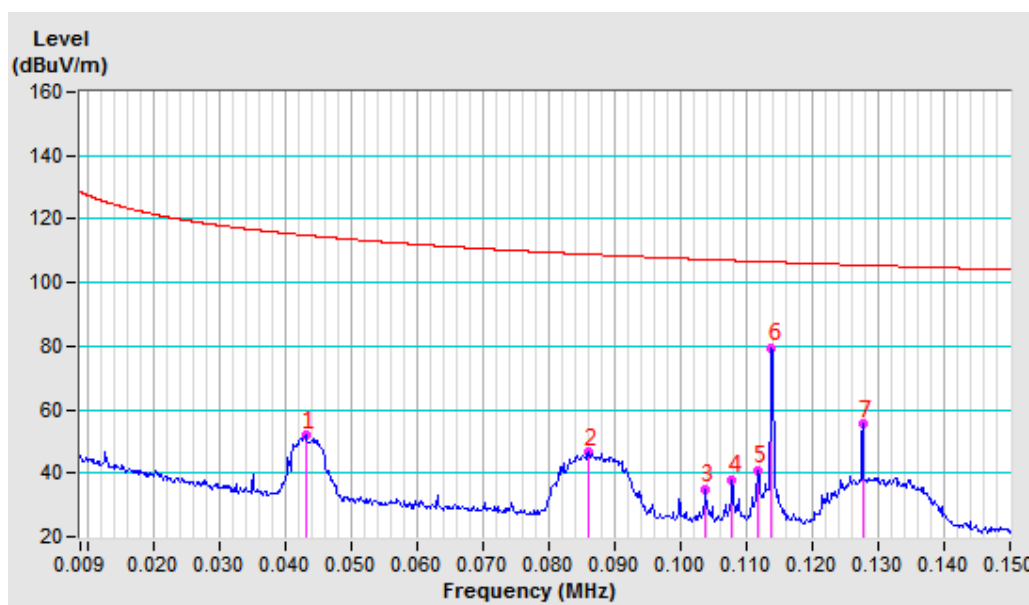
Test Mode	E	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.3410AV	-11.51	64.78	53.27	96.95	-43.68	100	170
2	1.0232QP	-11.65	47.56	35.91	68.00	-32.09	100	174
3	1.4784QP	-11.62	41.56	29.94	65.09	-35.15	100	172
4	4.4247QP	-11.26	32.15	20.89	69.54	-48.65	100	282
5	9.7249QP	-10.70	30.52	19.82	69.54	-49.72	100	169
6	12.4682QP	-10.63	29.45	18.82	69.54	-50.72	100	127



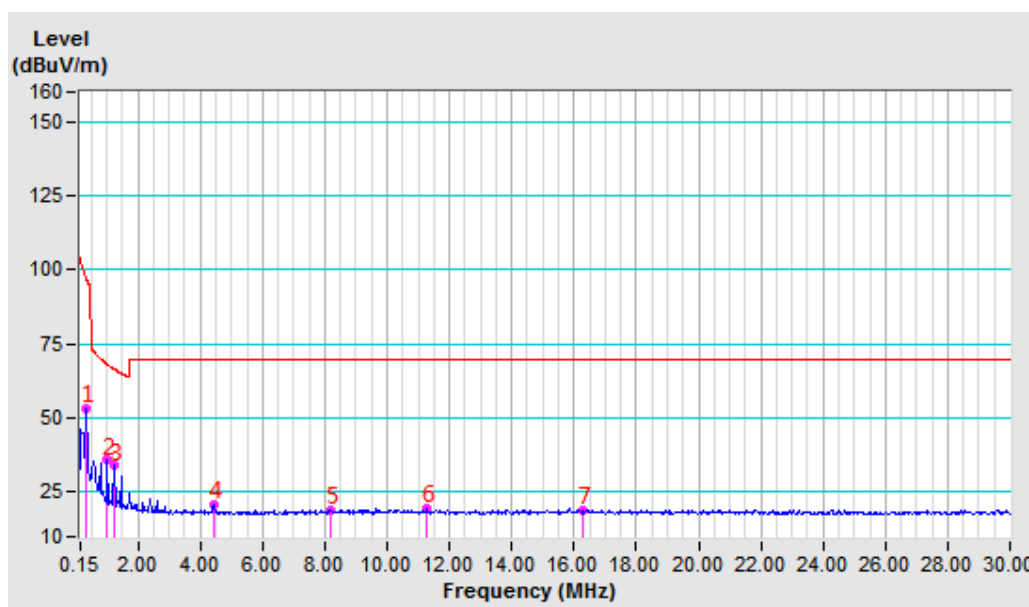
Test Mode	E	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0432AV	-11.57	63.51	51.94	114.90	-62.96	100	182
2	0.0860AV	-11.57	58.14	46.57	108.91	-62.34	100	178
3	0.1038QP	-11.58	46.64	35.06	107.27	-72.21	100	159
4	0.1079QP	-11.58	49.46	37.88	106.95	-69.07	100	164
5	0.1118AV	-11.57	52.55	40.98	106.63	-65.65	100	160
6	0.1139AV	-11.57	91.12	79.55	106.47	-26.92	100	178



Test Mode	E	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

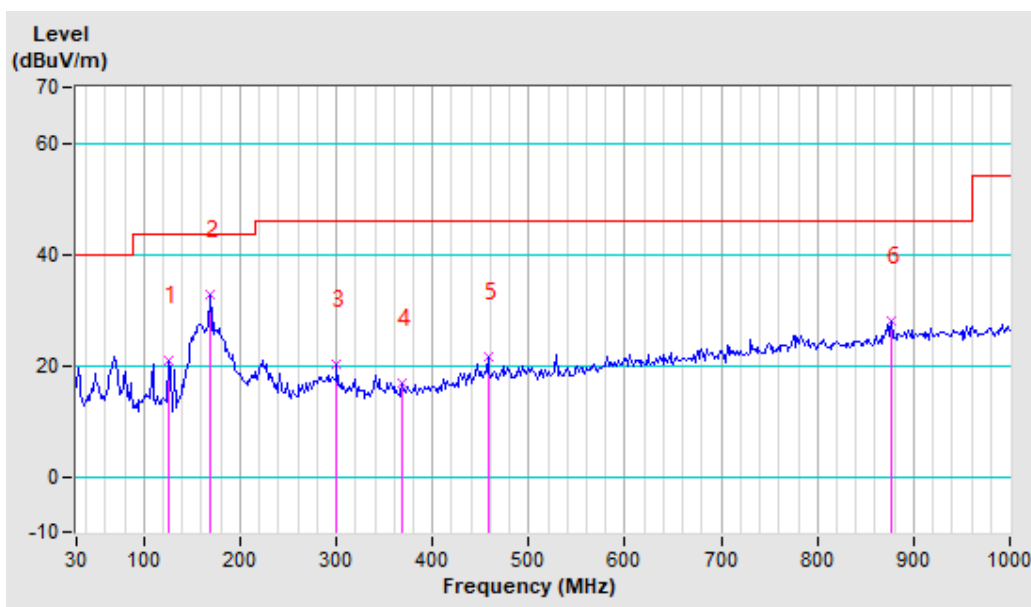
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.3410AV	-11.51	64.55	53.04	96.95	-43.91	100	176
2	1.0232QP	-11.65	47.42	35.77	68.00	-32.23	100	178
3	1.2500QP	-11.64	45.48	33.84	66.42	-32.58	100	168
4	4.4412QP	-11.25	31.85	20.60	69.54	-48.94	100	157
5	8.1995QP	-10.81	29.91	19.10	69.54	-50.44	100	142
6	11.2622QP	-10.69	30.22	19.53	69.54	-50.01	100	144



Test Mode	E	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

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	126.38	-19.21	40.11	20.90	43.50	-22.60	165	302
2	168.35	-17.60	50.23	32.63	43.50	-10.87	189	326
3	300.48	-15.81	35.96	20.15	46.00	-25.85	145	282
4	368.88	-14.17	31.07	16.90	46.00	-29.10	100	214
5	457.48	-11.38	32.90	21.52	46.00	-24.48	105	242
6	877.20	-4.07	32.06	27.99	46.00	-18.01	100	192

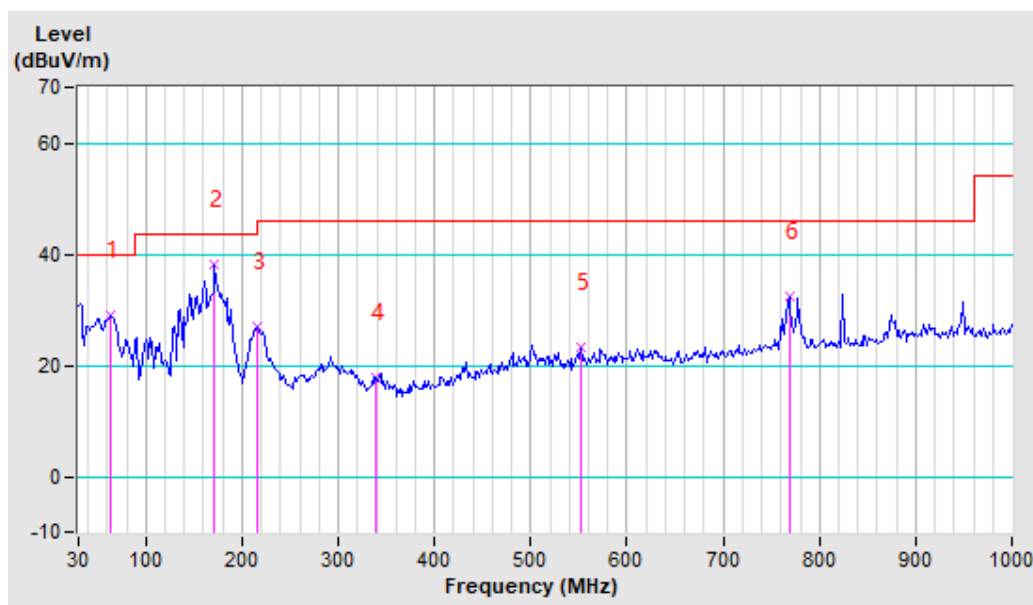
REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions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



Test Mode	E	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

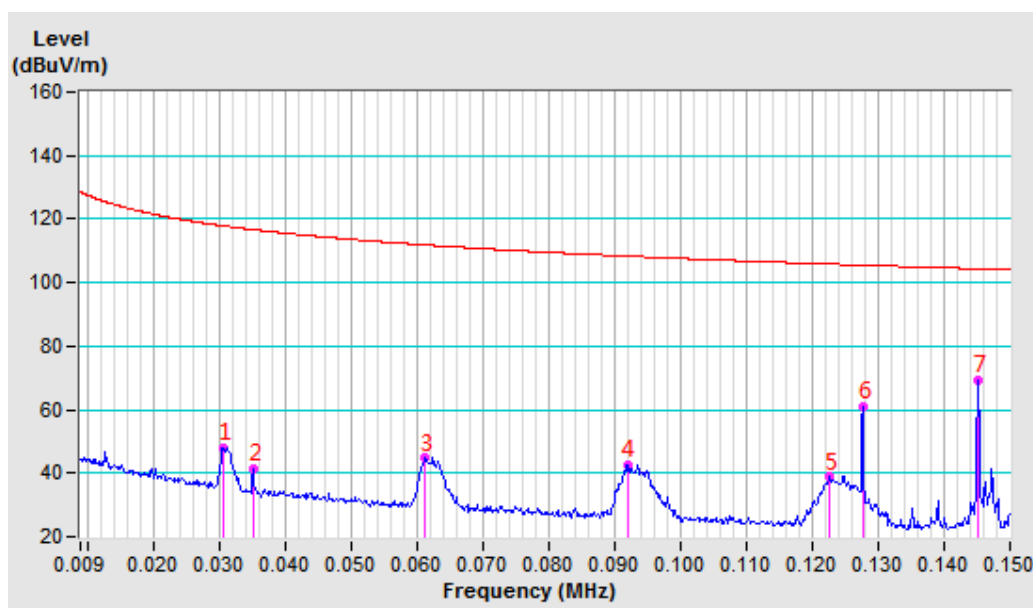
Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	64.20	-18.42	47.50	29.08	40.00	-10.92	133	304
2	171.46	-17.86	56.10	38.24	43.50	-5.26	100	347
3	216.54	-19.25	46.36	27.11	46.00	-18.89	215	223
4	339.34	-14.95	32.88	17.93	46.00	-28.07	177	260
5	552.31	-9.85	33.07	23.22	46.00	-22.78	236	202
6	768.38	-5.47	37.89	32.42	46.00	-13.58	193	245

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.



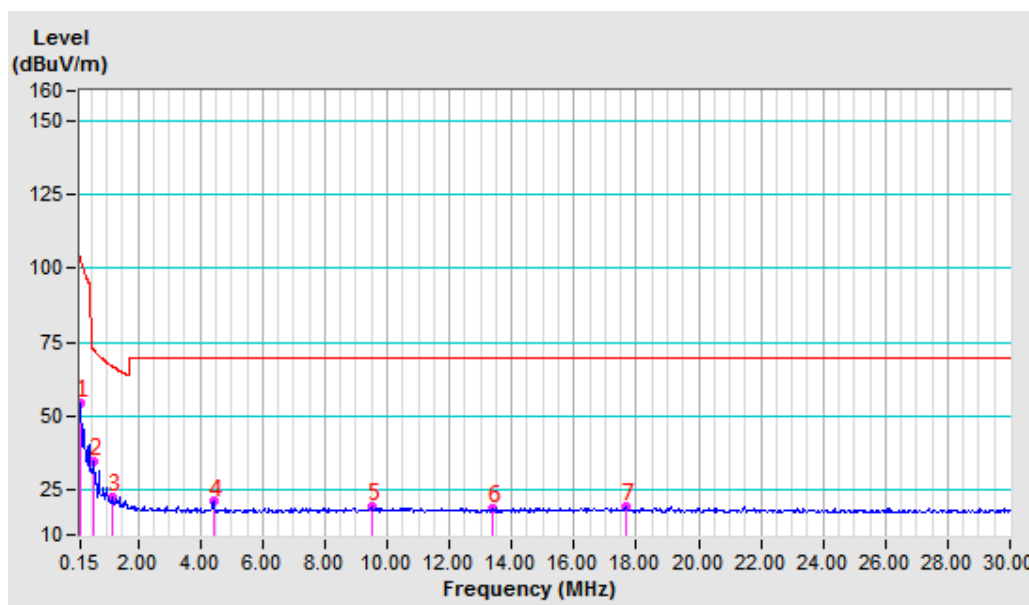
Test Mode	F	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0307AV	-11.51	59.51	48.00	117.85	-69.85	100	166
2	0.0352AV	-11.54	53.10	41.56	116.67	-75.11	100	360
3	0.0613AV	-11.58	56.25	44.67	111.85	-67.18	100	166
4	0.0919AV	-11.57	54.17	42.60	108.33	-65.73	100	166
5	0.1226AV	-11.57	50.46	38.89	105.83	-66.94	100	166
6	0.1277AV	-11.58	72.59	61.01	105.48	-44.47	100	286
7.	0.1452AV	-11.57	80.99	69.42	104.37	-34..95	100	352



Test Mode	F	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.1500AV	-11.57	66.34	54.77	104.08	-49.31	100	357
2	0.5784QP	-11.61	46.38	34.77	72.49	-37.72	100	189
3	1.1485QP	-11.65	34.50	22.85	67.08	-44.23	100	278
4	4.4412QP	-11.25	32.44	21.19	69.54	-48.35	100	304
5	9.4905QP	-10.72	30.21	19.49	69.54	-50.05	100	236
6	13.3608QP	-10.50	29.48	18.98	69.54	-50.56	100	223



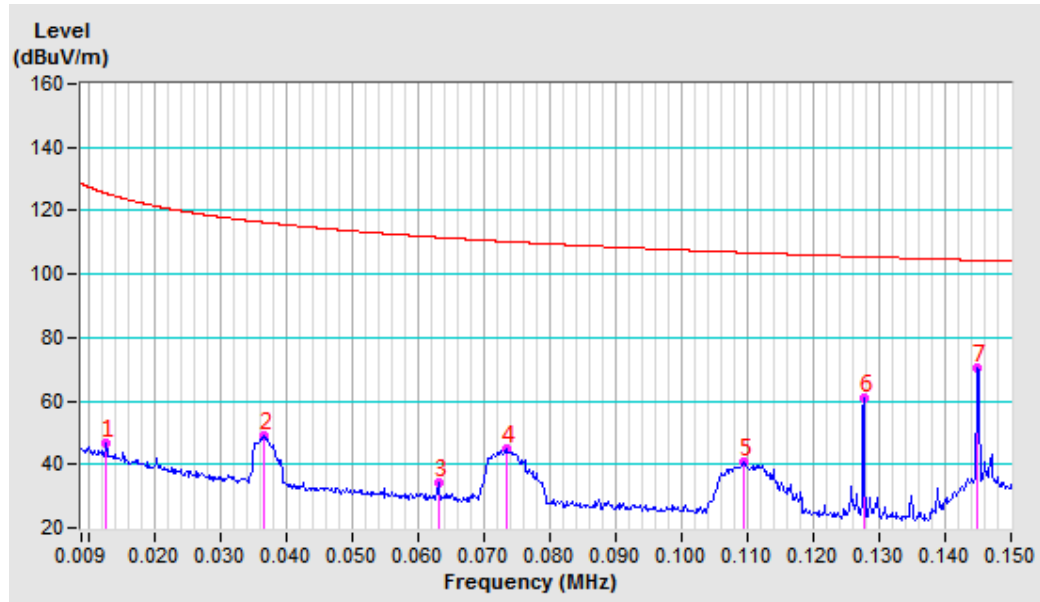


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Test Report No.: RF2404WDG0327

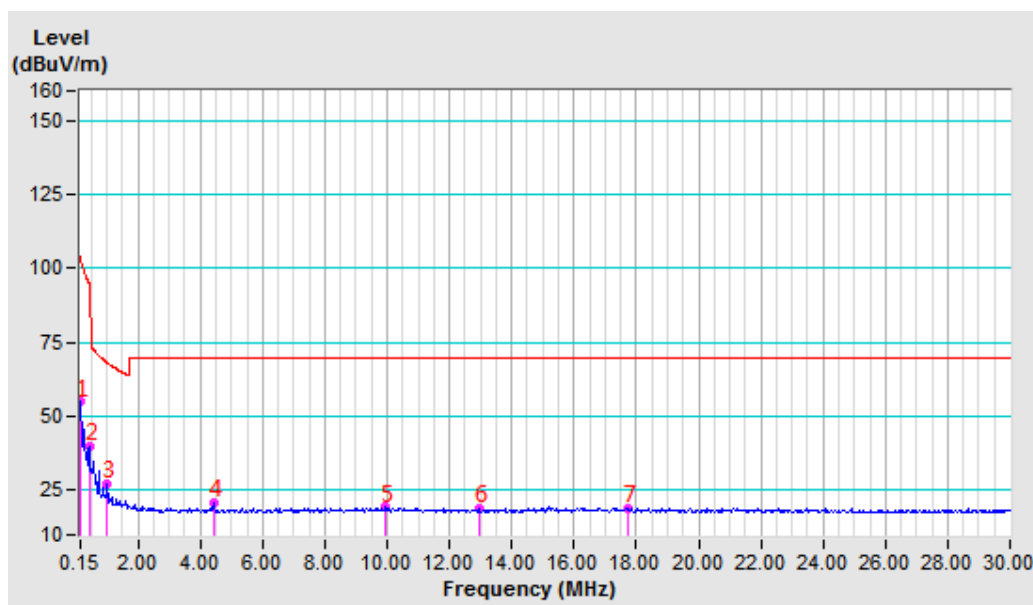
Test Mode	F	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

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	0.0127AV	-10.39	56.99	46.60	125.51	-78.91	100	315
2	0.0367AV	-11.54	60.50	48.96	116.31	-67.35	100	188
3	0.0631AV	-11.59	45.61	34.02	111.60	-77.58	100	360
4	0.0734AV	-11.59	56.23	44.64	110.29	-65.65	100	176
5	0.1095QP	-11.58	52.10	40.52	106.82	-66.30	100	172
6	0.1277AV	-11.58	72.31	60.73	105.48	-44.75	100	281
7	0.1452AV	-11.57	80.99	69.42	104.37	-34.95	100	352



Test Mode	F	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	25deg. C, 56% R	Tested By	Albert

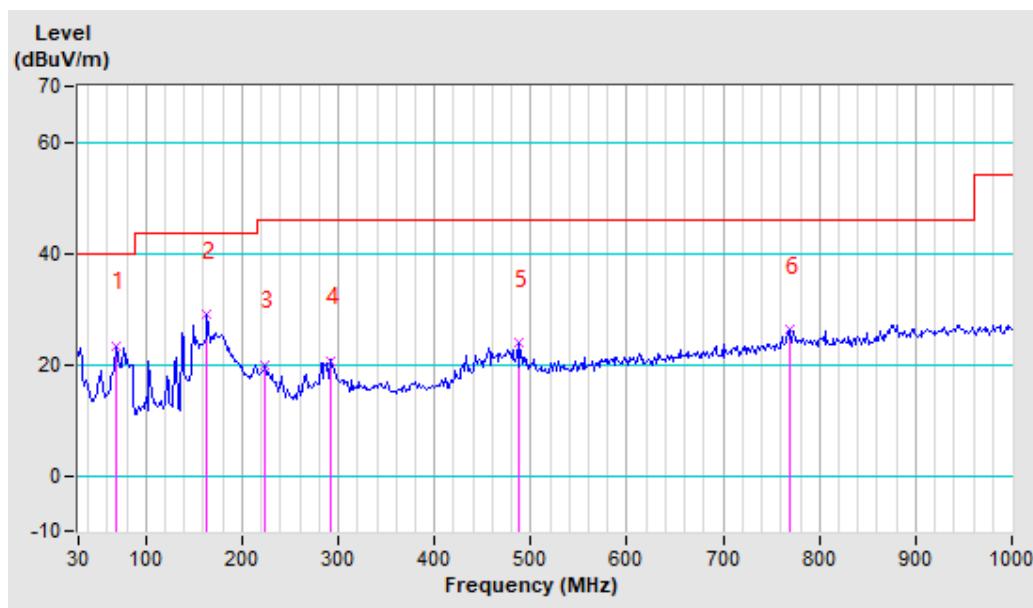
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.1500AV	-11.57	66.44	54.87	104.08	-49.21	100	0
2	0.4351AV	-11.57	51.49	39.92	94.83	-54.91	100	166
3	1.0157QP	-11.66	38.83	27.17	68.05	-40.88	100	0
4	4.4247QP	-11.26	31.94	20.68	69.54	-48.86	100	208
5	9.9189QP	-10.68	29.93	19.25	69.54	-50.29	100	122
6	12.9638QP	-10.55	29.29	18.74	69.54	-50.80	100	360
7	17.7101QP	-10.03	29.08	19.05	69.54	-50.49	100	167



Test Mode	F	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

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	68.86	-19.33	42.55	23.22	40.00	-16.78	170	288
2	163.69	-17.31	46.17	28.86	43.50	-14.64	200	330
3	224.31	-18.88	38.79	19.91	46.00	-26.09	101	214
4	292.71	-16.09	36.53	20.44	46.00	-25.56	150	268
5	487.02	-10.87	34.65	23.78	46.00	-22.22	133	252
6	768.38	-5.47	31.65	26.18	46.00	-19.82	114	233

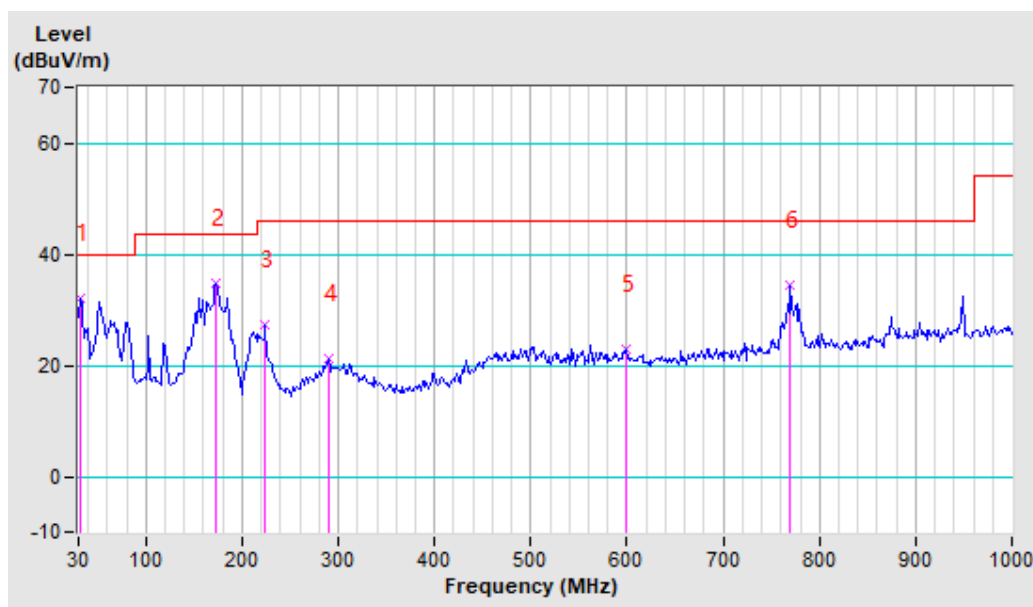
REMARKS: 1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30-1000MHz.
4. Only emissions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



Test Mode	F	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	27deg. C, 58% RH	Tested By	Jelly

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	-19.26	51.37	32.11	40.00	-7.89	127	306
2	173.01	-18.02	52.79	34.77	43.50	-8.73	101	342
3	224.31	-18.88	46.33	27.45	46.00	-18.55	146	288
4	289.60	-16.20	37.41	21.21	46.00	-24.79	233	202
5	598.94	-8.64	31.58	22.94	46.00	-23.06	210	224
6	769.94	-5.45	39.95	34.50	46.00	-11.50	185	249

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.	Next Cal.
Power Sensor	Keysight	U2021XA	MY55060016	N/A
Power Sensor	Keysight	U2021XA	MY55060018	Jun. 03,24
Power Meter	Anritsu	ML2495A	1139001	Mar. 17,25
Power Sensor	Anritsu	MA2411B	1531155	Mar. 17,25
Digital Multimeter	FLUKE	15B	A1220010DG	N/A
Humid & Temp Programmable Tester	Haida	HD-225T	110807201	Oct. 30,24
Oscilloscope	Agilent	DSO9254A	MY51260160	Aug. 10,24
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Mar. 17,25
Signal Generator	Agilent	N5183A	MY50140980	Aug. 10,24
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Sep. 04,24
Attenuator	MINI	BW-S10W2+	S130129FGE2	N/A
DC Source	Keysight	E3642A	MY56146098	N/A

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

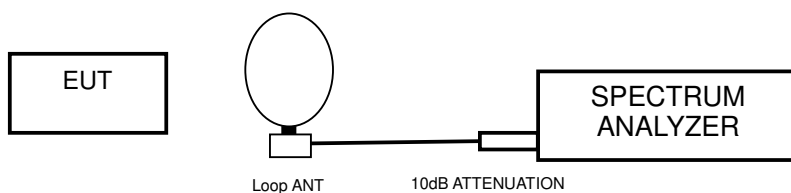
4.3.3 TEST PROCEDURE

- Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 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.
- Measure the frequency difference of two frequencies that were attenuated 20dB from the reference level. Record the frequency difference as the emission bandwidth.
- 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.



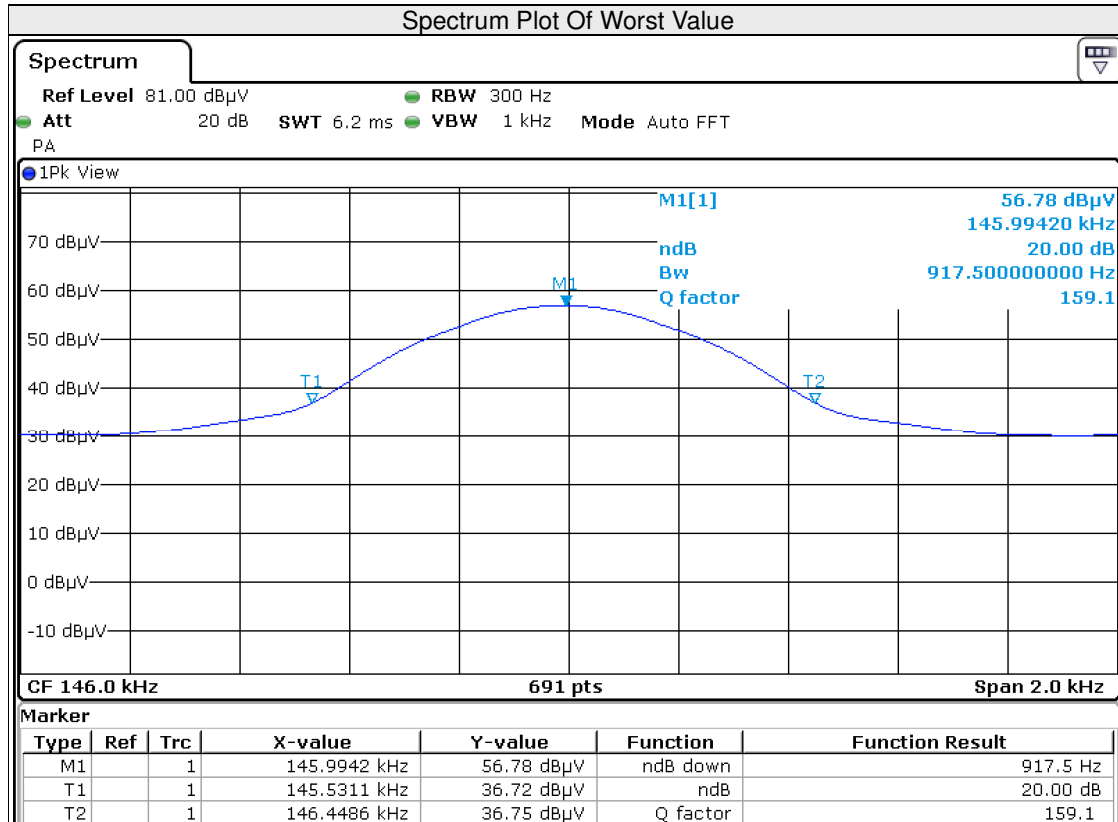
BUREAU
VERITAS

Test Report No.: RF2404WDG0327

4.3.7 TEST RESULTS

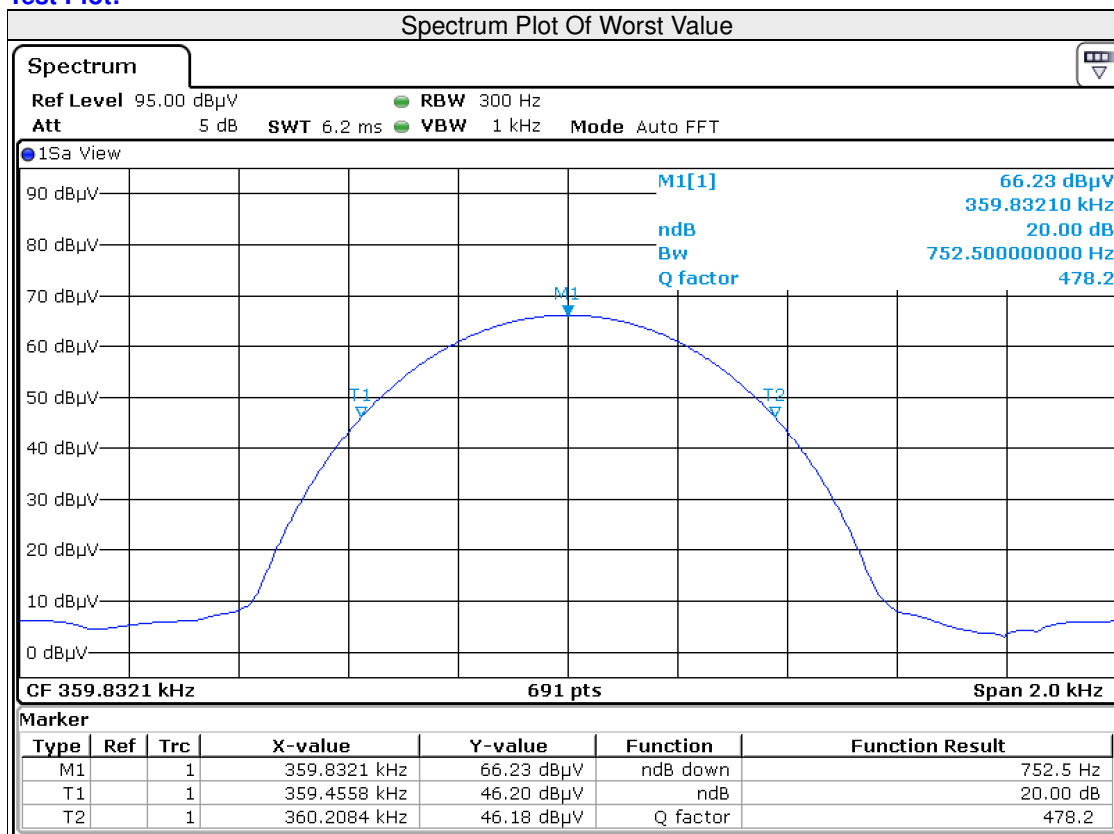
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
A	146(Charging Pad)	917.5

Test Plot:



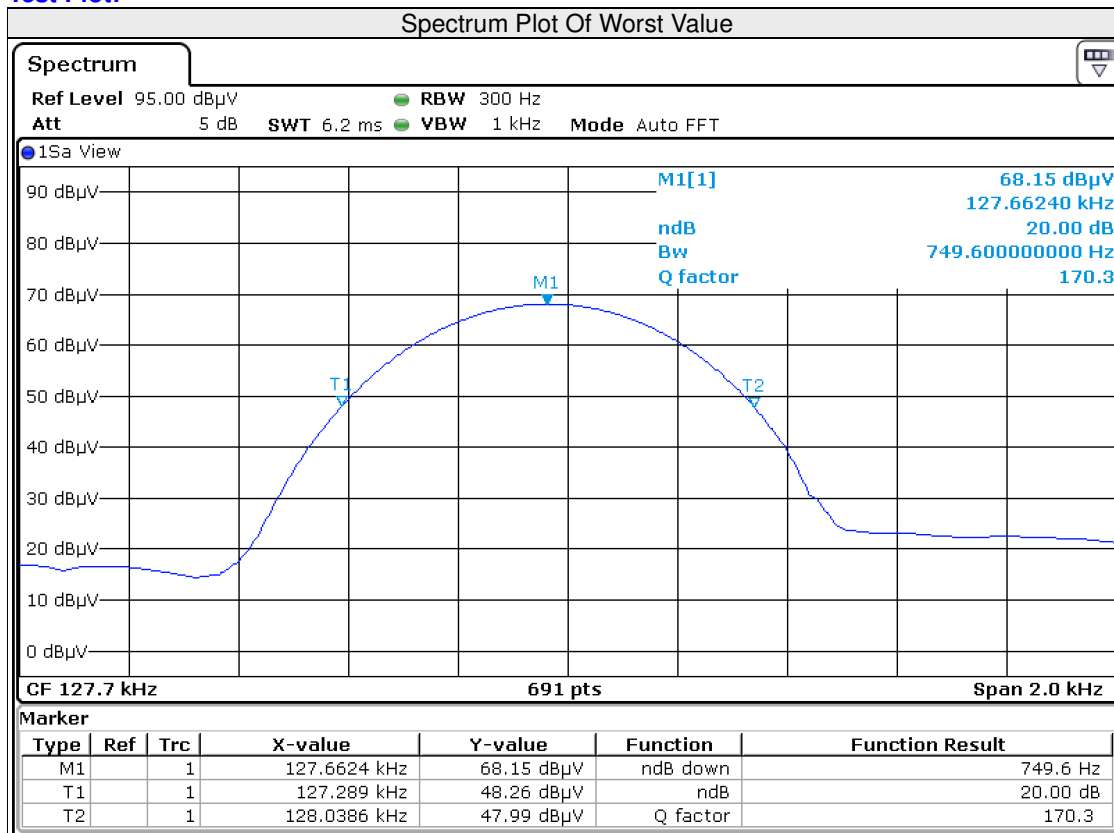
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
B	360(Charging Stand)	752.5

Test Plot:



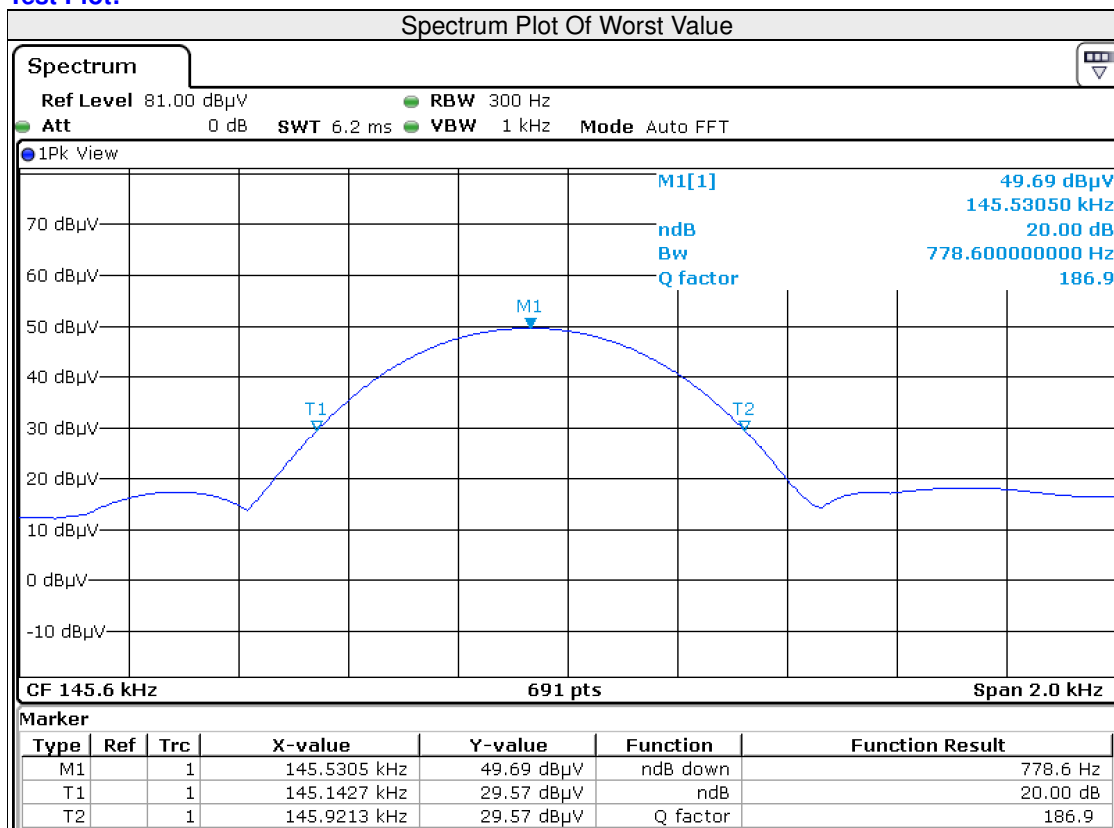
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
C	127.7(Charging Stand)	749.6

Test Plot:



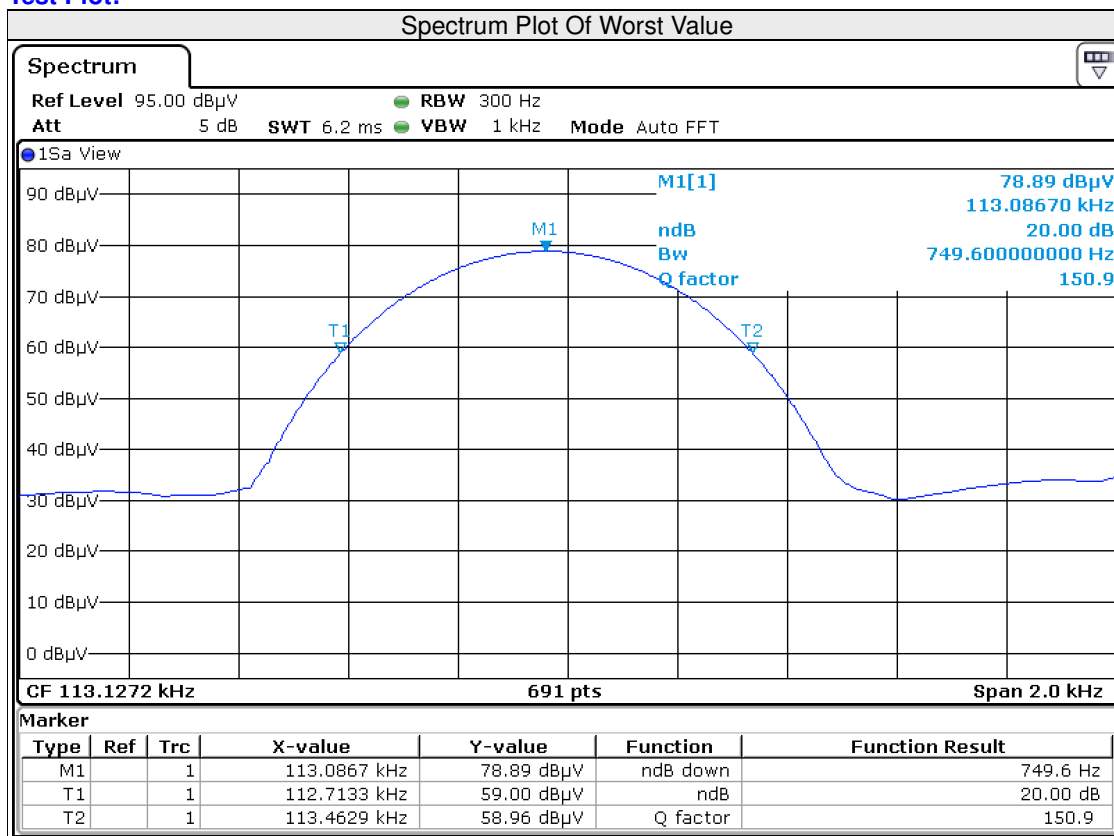
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
D	145.6(Charging Pad)	778.6

Test Plot:



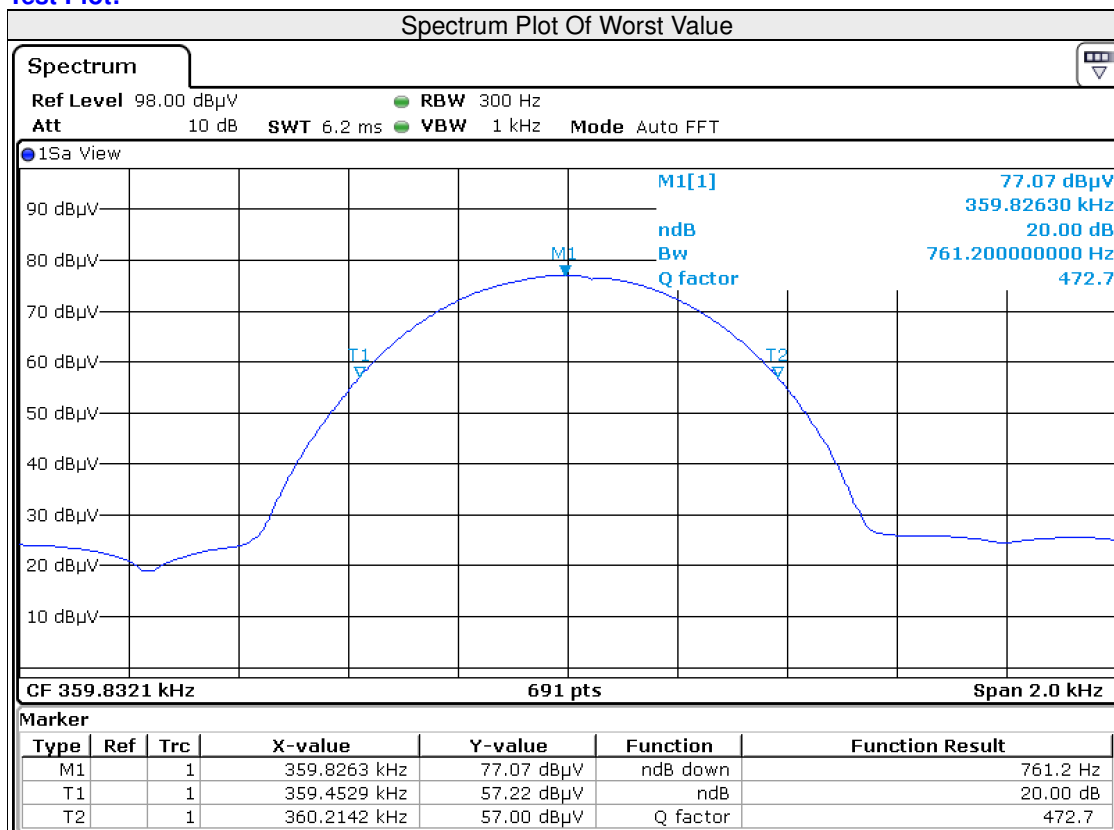
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
E	113.1(Charging Pad)	749.6

Test Plot:



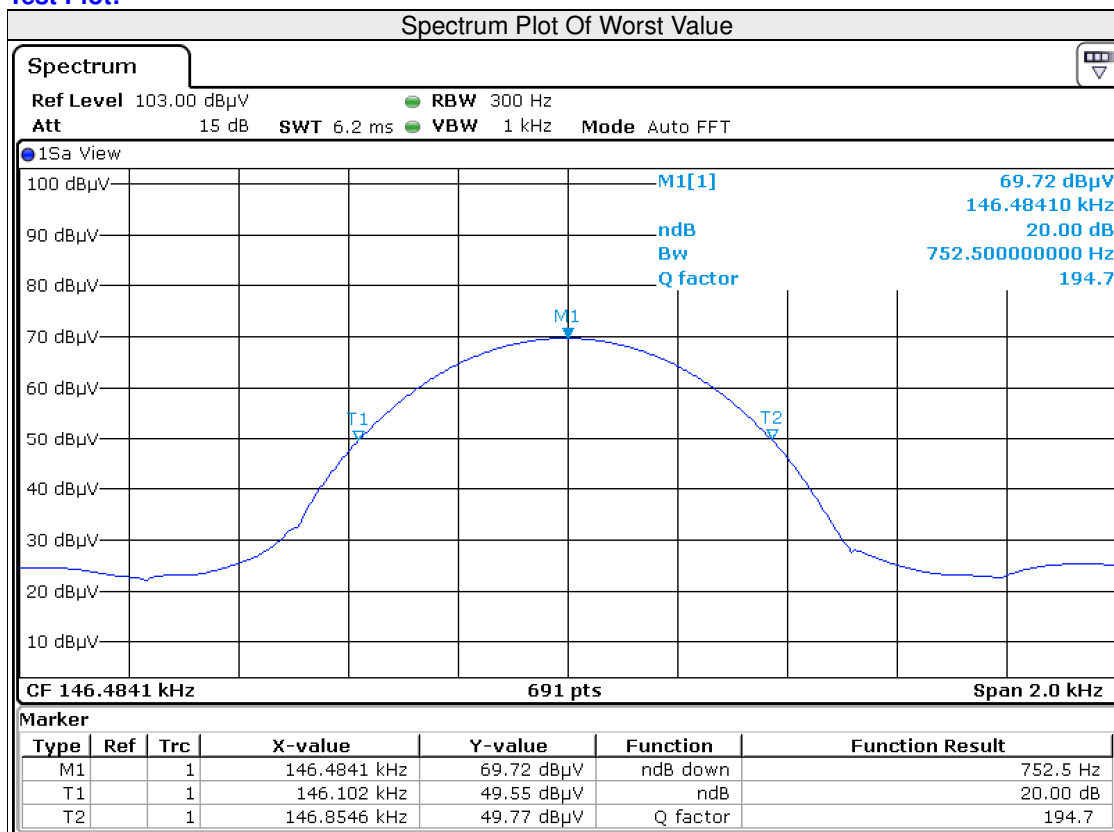
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
E	360(Charging Stand)	761.2

Test Plot:



Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
F	146.5(Charging Pad)	752.5

Test Plot:



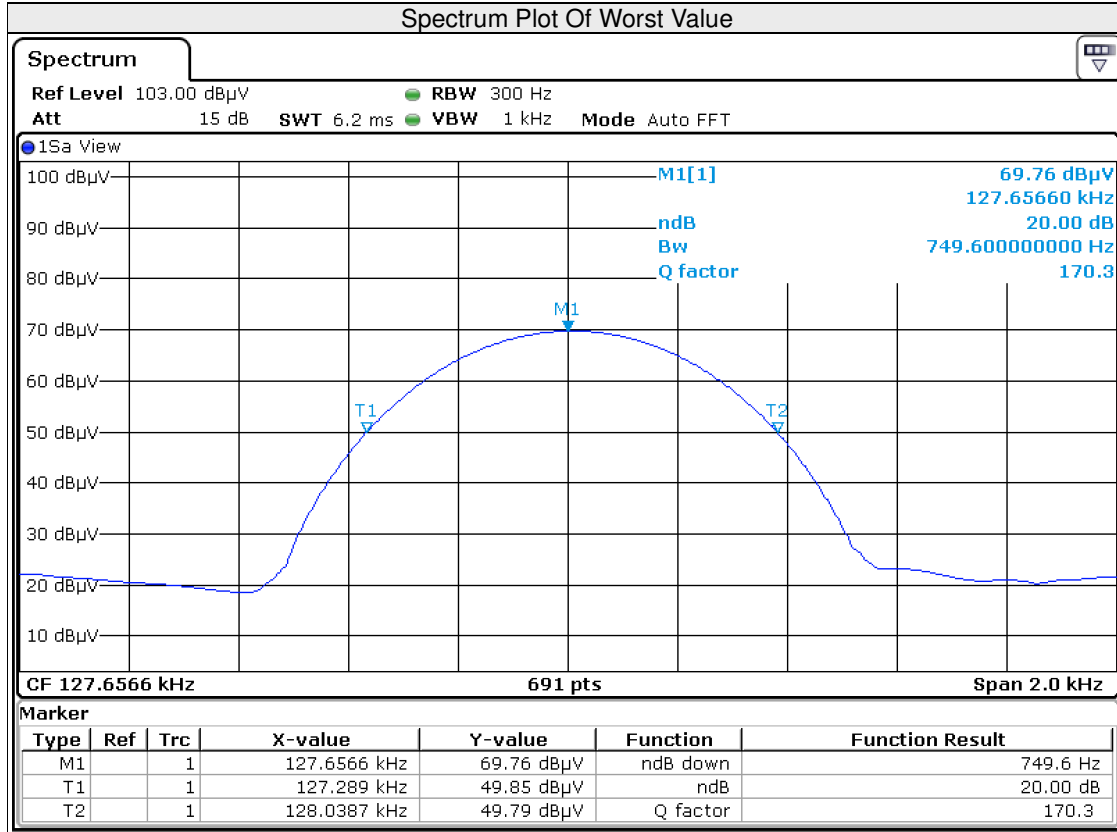


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VERITAS

Test Report No.: RF2404WDG0327

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
F	127.7(Charging Stand)	749.6

Test Plot:





Test Report No.: RF2404WDG0327

5 PHOTOGRAPHS OF THE TEST CONFIGURATION

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



Test Report No.: RF2404WDG0327

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---