



Test Report No.: RF2508WDG0195



# 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	UltraCharge Pro 2-in-1 Convertible Magnetic Charger
Brand Name	belkin
Model	WIZ042
Additional Model & Model Difference	N/A
Date of tests	Aug. 26, 2025 ~ Sep. 09, 2025

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**

Prepared by Eric Fang Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	
Date: Sep. 19, 2025	

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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF2508WDG0195	Original release	Sep. 19, 2025



## 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	2.48dB
	30MHz ~ 1GMHz	4.32 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

<b>PRODUCT</b>	UltraCharge Pro 2-in-1 Convertible Magnetic Charger
<b>MODEL NO.</b>	WIZ042
<b>ADDITIONAL MODEL</b>	N/A
<b>SAMPLE STATUS</b>	Engineering sample
<b>FCC ID</b>	K7SWIZ042
<b>POWER SUPPLY</b>	DC 15V From Adapter
<b>MODULATION TYPE</b>	FSK
<b>OPERATING FREQUENCY RANGE</b>	25W Qi2.2 Charging Coil (BPP/MPP): 111-148kHz& 360kHz Apple Watch Charging Coil:326.5kHz&1.778MHz
<b>I/O PORTS</b>	Coil Antenna*2
<b>FIELD STRENGTH</b>	49.40dBuV/m
<b>MAXIMUM POWER OUTPUT FROM THE CHARGING COIL</b>	Max Power is 25W
<b>CABLE SUPPLIED</b>	See section 3.4

**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.: 2508WDG0195-3) for detailed product photo.
4. Adapter information as follows :

<b>45W USB-C Wall Charger with PPS</b>	
<b>MODEL NO.:</b>	WCA013dq
<b>BRAND NAME:</b>	belkin
<b>INPUT:</b>	100-240Vac, 1.0A, 50-60Hz
<b>OUTPUT:</b>	(PDO)5.0Vdc 3.0A 15.0W, 9.0Vdc 3.0A 27.0W, 12.0Vdc 3.0A 36.0W, 15.0Vdc 3.0A 45.0W, 20.0Vdc 2.25A 45.0W (PPS)5.0-16.0Vdc 2.8A 45.0W max
<b>PLUG TYPE</b>	US



### 3.2 DESCRIPTION OF TEST MODES

The following test frequencies are provided to this EUT:

Configure	Mode		Operating Frequency Range(KHz)	
	25W Coil	Watch Coil	25W Coil	Watch Coil
A	Standby	Standby	/	326.1
B	25W RX Load	Standby	359	326.1
C	25W RX Load	Apple Watch S7	359	1778
D	iPhone 11 pro	Apple Watch S7	127.8	1778

### 3.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO			DESCRIPTION	
	RE<1G	PLC	20BW	25W Coil	Watch Coil
A	√	-	√	Standby+Standby	
B	√	-	√	25W RX Load +Standby	
C	√	√	√	25W RX Load + Apple Watch S7	
D	√	-	√	iPhone 11 Pro+ Apple Watch S7	

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
	25W Coil	Watch Coil	25W Coil	Watch Coil	
C	111-148&360	326.5&1778	359	1778	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
	25W Coil	Watch Coil	25W Coil	Watch Coil	
A	111-148&360	326.5&1778	/	326.1	FSK
B	111-148&360	326.5&1778	359	326.1	FSK
C	111-148&360	326.5&1778	359	1778	FSK
D	111-148&360	326.5&1778	127.8	1778	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
	25W Coil	Watch Coil	25W Coil	Watch Coil	
A	111-148&360	326.5&1778	/	326.1	FSK
B	111-148&360	326.5&1778	359	326.1	FSK
C	111-148&360	326.5&1778	359	1778	FSK
D	111-148&360	326.5&1778	127.8	1778	FSK

**TEST CONDITION:**

Applicable to	Environmental conditions	Input Power	Tested by
RE<1G	24 °C, 54% RH/26 °C, 53% RH	AC 120V 60Hz	Roy/ Zeke
PLC	25 °C, 56RH	AC 120V 60Hz	Summer
20BW	25 °C, 52% 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.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	25W RX Load	Nuvolta	N/A	N/A	N/A	By client
B	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A	BV Lab.
C	Apple watch Series7	Apple	A2474	T9VJ36WRRV	N/A	

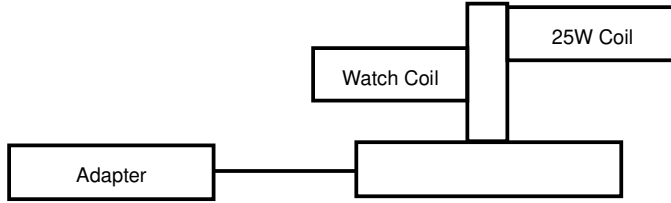
Description	Length (m)	Shielding (Y/N)	Remark
USB-C to USB-C Braided cable (optional)	1.5	Y	FUYU ELECTRONICAL TECHNOLOGY (HUAIAN) CO., LTD./ 791-F541-000-J
USB-C to USB-C Braided cable(optional)	1.5	Y	-



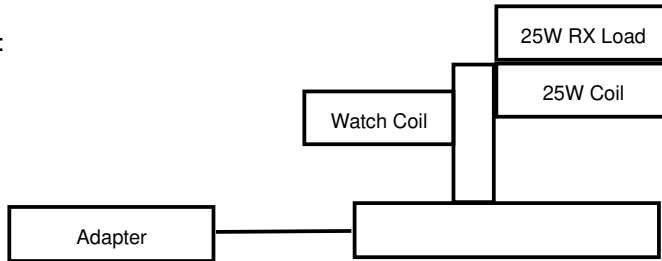


### 3.5 CONFIGURATION OF SYSTEM UNDER TEST

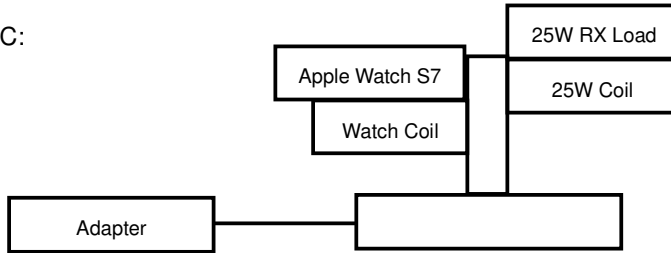
Mode A:



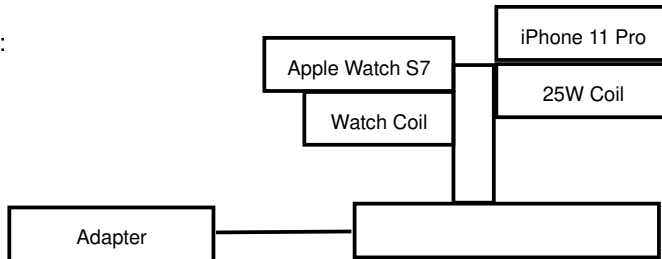
Mode B:



Mode C:



Mode D:





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### **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 C63.10-2020**

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	Oct. 09, 25
Artificial Mains Network	Rohde&Schwarz	ENV216	101173	Oct. 10, 25
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	Oct. 09, 25
Artificial Mains Network	SCHWARZBECK	NSLK 8122	8122-05001	Apr. 09, 26
V-LISN (CISPR 25)	SCHWARZBECK	NNBM 8124-200	8124-200 05857	Apr. 09, 26
V-LISN (CISPR 25)	SCHWARZBECK	NNBM 8124-200	8124-200 05858	Apr. 09, 26
Voltage probe	SCHWARZBECK	TK 9421	TK 9421-176	Jul. 06, 26
Coaxial RF Cable	SUHNER	RG 223/U-CE	C2310066DG	Jun. 22, 26
Test software	ADT	ADT_Cond_V7.3.7	N/A	N/A

- NOTE:**
1. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle.
  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:**

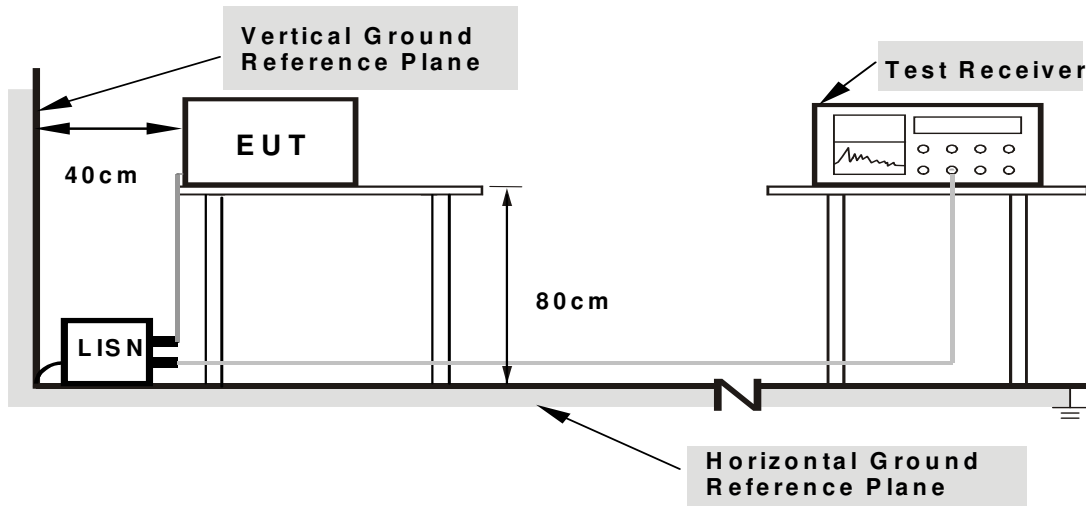
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission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

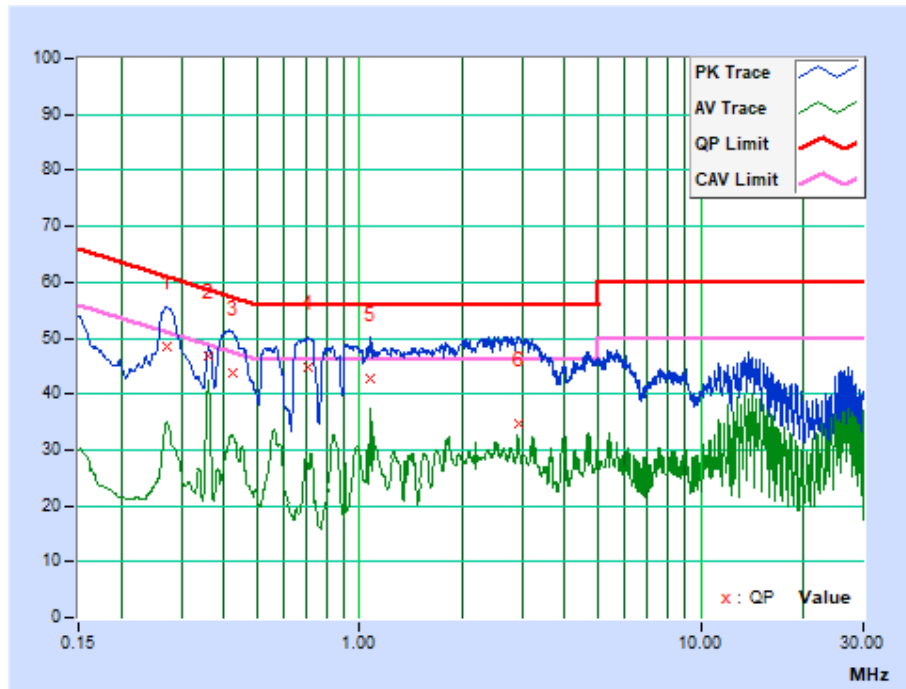


### 4.1.7 TEST RESULTS

<b>TEST MODE</b>	Mode C	<b>6DB BANDWIDTH</b>	9 kHz
<b>TEST VOLTAGE</b>	AC 120V 60Hz	<b>PHASE</b>	Line (L)
<b>ENVIRONMENTAL CONDITIONS</b>	25deg. C, 56% RH	<b>TESTED BY</b>	Summer
<b>TEST DATE</b>	Aug. 30, 2025		

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	0.27144	9.81	38.74	25.09	48.55	34.90	61.07	51.07	-12.53	-16.18
<b>2</b>	<b>0.35925</b>	<b>9.81</b>	<b>37.07</b>	<b>32.42</b>	<b>46.88</b>	<b>42.23</b>	<b>58.75</b>	<b>48.75</b>	<b>-11.87</b>	<b>-6.52</b>
3	0.42675	9.82	34.09	22.22	43.91	32.04	57.32	47.32	-13.41	-15.28
4	0.70783	9.84	34.81	16.53	44.65	26.37	56.00	46.00	-11.35	-19.63
5	1.07925	9.89	32.90	27.45	42.79	37.34	56.00	46.00	-13.21	-8.66
6	2.92650	10.00	24.70	25.33	34.70	35.33	56.00	46.00	-21.30	-10.67

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





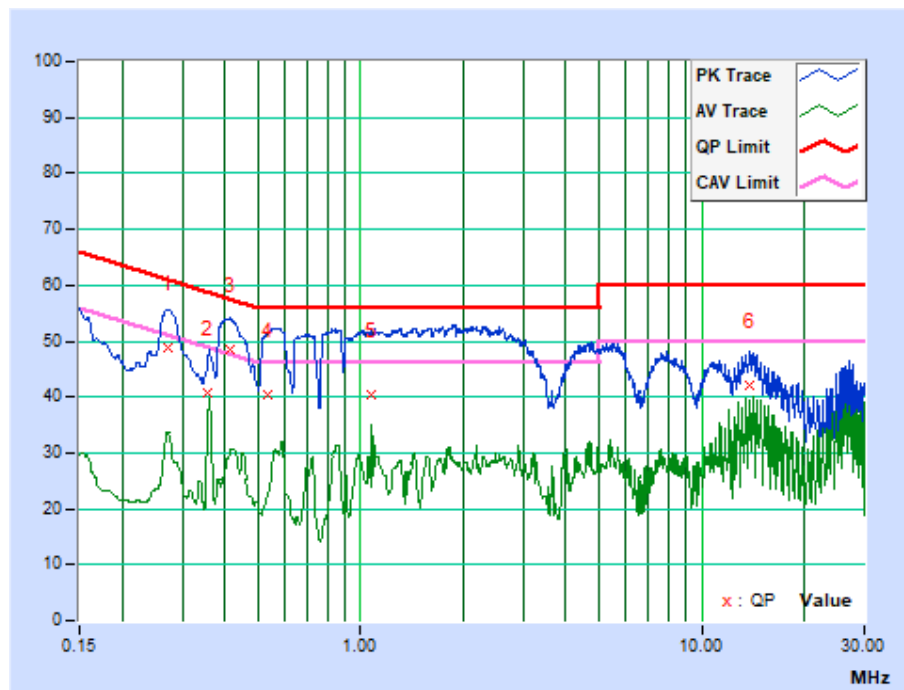
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<b>TEST MODE</b>	Mode C	<b>6DB BANDWIDTH</b>	9 kHz
<b>TEST VOLTAGE</b>	AC 120V 60Hz	<b>PHASE</b>	Neutral (N)
<b>ENVIRONMENTAL CONDITIONS</b>	25deg.C, 56% RH	<b>TESTED BY</b>	Summer
<b>TEST DATE</b>	Aug. 30, 2025		

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	0.27150	9.72	38.99	23.47	48.71	33.19	61.07	51.07	-12.36	-17.88
2	0.35628	9.69	30.91	25.94	40.60	35.63	58.81	48.81	-18.22	-13.19
3	0.41524	9.68	38.74	20.29	48.42	29.97	57.54	47.54	-9.13	-17.58
4	0.53503	9.69	30.77	17.39	40.46	27.08	56.00	46.00	-15.54	-18.92
5	1.07708	9.72	30.85	23.22	40.57	32.94	56.00	46.00	-15.43	-13.06
6	13.90425	10.62	31.40	28.61	42.02	39.23	60.00	50.00	-17.98	-10.77

**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	Nov. 28, 25
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	1519B-045	May 10, 26
Amplifier	Burgeon	BPA-530	100210	Feb. 21, 26
Coaxial RF Cable	Yaohong	Cable below 30MHz	C2310019DG	Jun. 26, 26
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 and all tests are conducted within a valid calibration cycle.
  3. The FCC Site Registration No. is 749762. Designation Number: CN1174.

#### FREQUENCY 30MHz-1GHz

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESU40	100449	Oct. 10, 25
Trilog-Broadband Antenna	SCHWARZBECK	VULB 9168	9168-554	Dec. 25, 25
Pre-Amplifier	Burgeon	BPA-530	100220	Feb. 21, 26
3m Semi-anechoic Chamber	Burgeon	9m*6m*6m	NSEMC003	May 17, 26
Coaxial RF Cable(3m Below 1G)	Yaohong	966 below 1GHz	C2310017DG	Jun. 22, 26
Coaxial RF Cable(3m Below 1G)	Yaohong	966 below 1GHz	C2310087DG	Jun. 22, 26
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 and all tests are conducted within a valid calibration cycle.
  3. The FCC Site Registration No. is 749762. Designation Number: CN1174.



### 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.

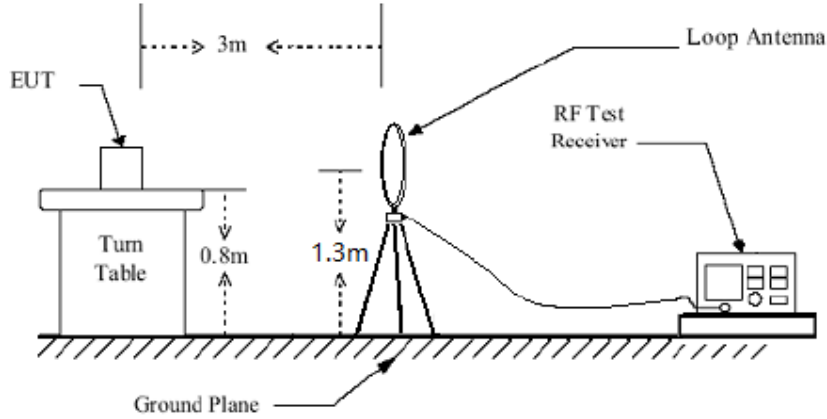
### 4.2.4 DEVIATION FROM TEST STANDARD

No deviation.

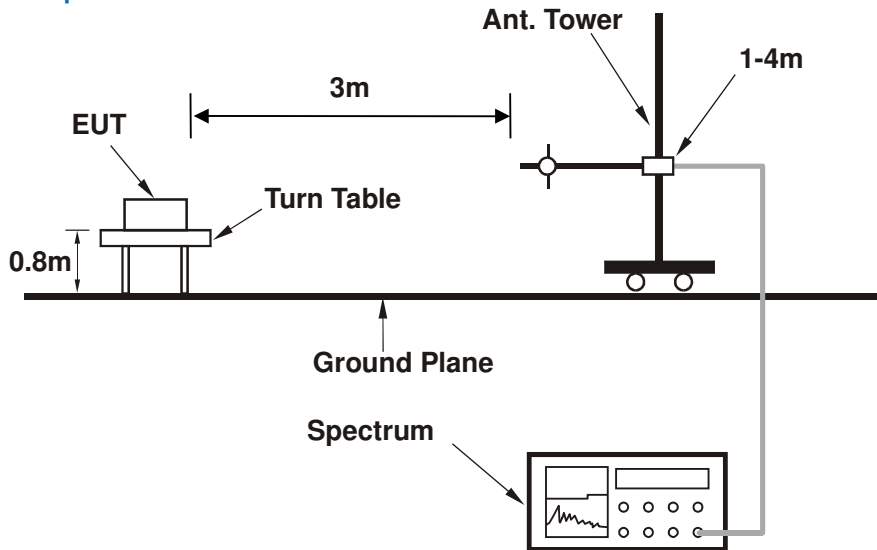


### 4.2.5 TEST SETUP

#### 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

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

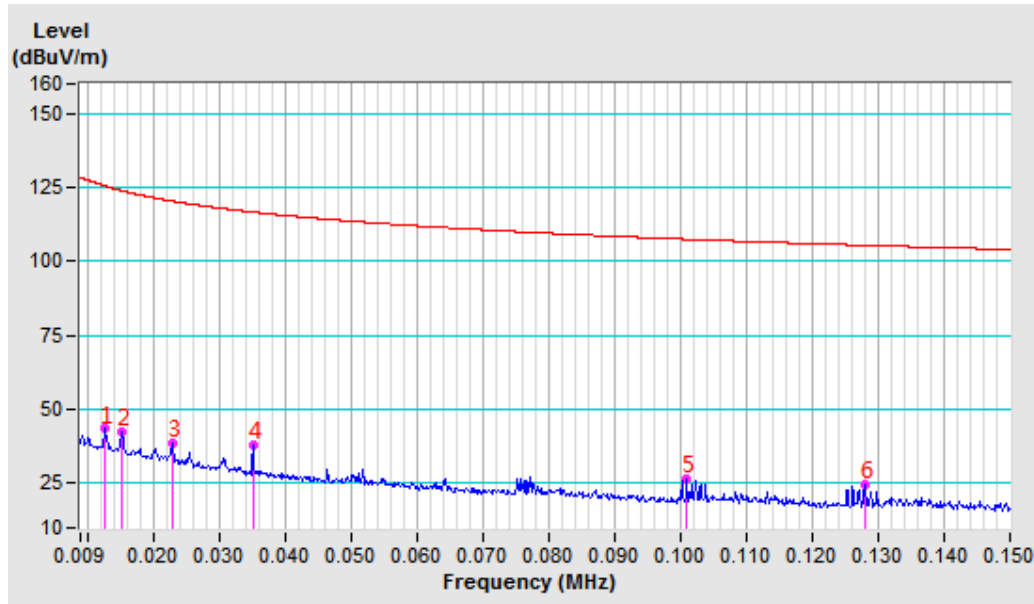


### 4.2.7 TEST RESULTS

#### Standby Mode

Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test date	2025-08-27		

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	-10.23	53.61	43.38	125.47	-82.09	130	67
2	0.0153AV	-10.42	52.98	42.56	123.91	-81.35	130	304
3	0.0230AV	-10.96	49.61	38.65	120.38	-81.73	130	81
4	0.0352AV	-11.48	49.71	38.23	116.67	-78.44	130	64
5	0.1009QP	-11.80	38.46	26.66	107.52	-80.86	130	189
6	0.1280AV	-11.78	36.44	24.66	105.46	-80.80	130	183



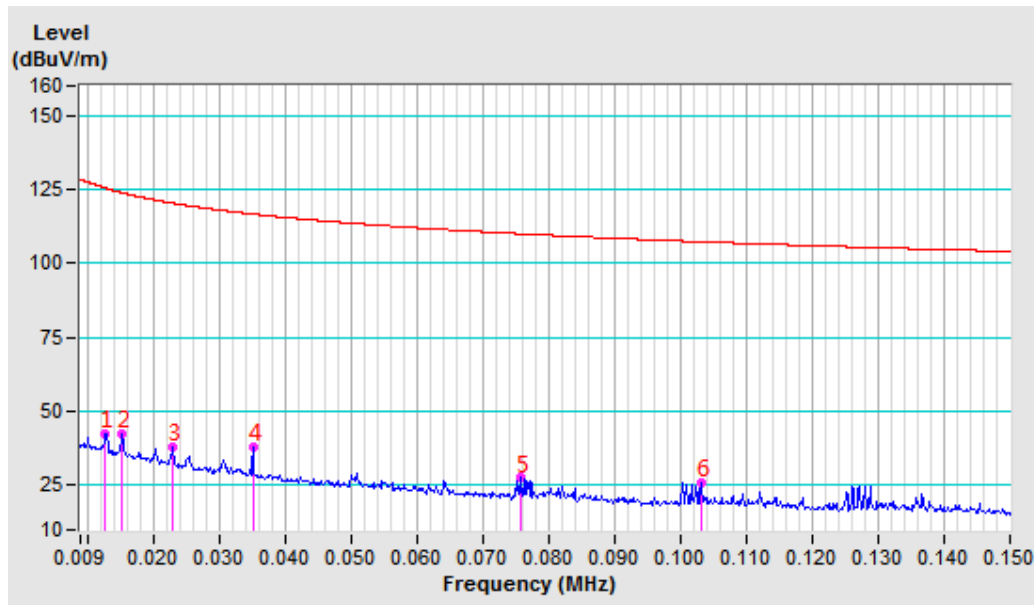


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**Test Report No.: RF2508WDG0195**

Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test date	2025-08-27		

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	-10.23	52.72	42.49	125.48	-82.99	130	260
2	0.0154AV	-10.42	52.64	42.22	123.87	-81.65	130	128
3	0.023AV	-10.97	48.88	37.91	120.36	-82.45	130	129
4	0.0352AV	-11.48	49.58	38.10	116.67	-78.57	130	233
5	0.0757AV	-11.65	39.17	27.52	110.02	-82.50	130	172
6	0.1031QP	-11.80	37.59	25.79	107.33	-81.54	130	169



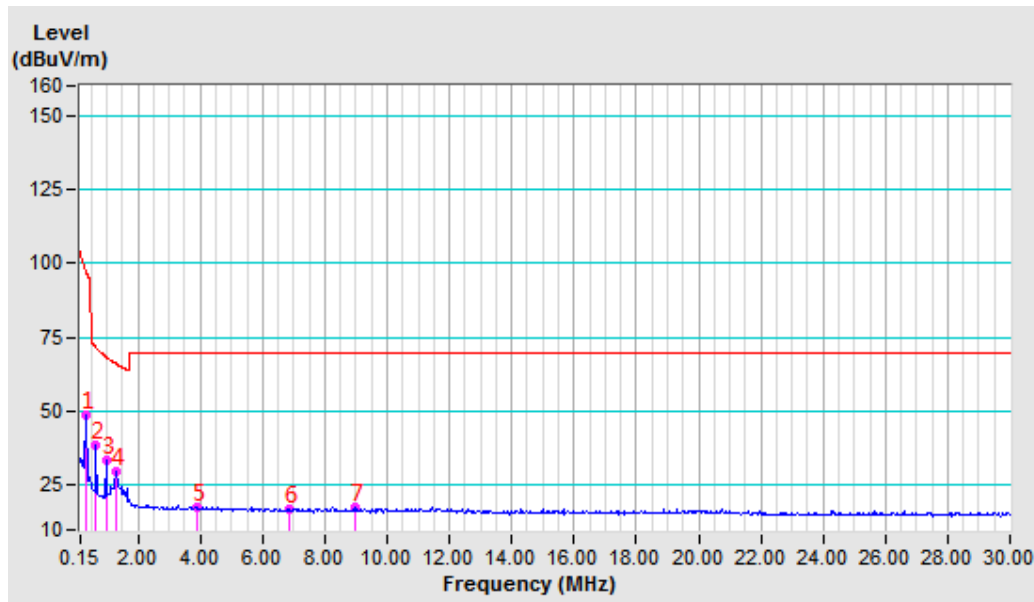


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**Test Report No.: RF2508WDG0195**

Test Mode	A	Frequency Range	150 kHz ~ 30MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Albert
Test date	2025-08-27		

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	0.3261AV	-11.52	60.31	48.79	97.34	-48.55	130	91
2	0.6530QP	-11.71	50.39	38.68	71.54	-32.86	130	96
3	0.9784QP	-11.94	45.36	33.42	68.35	-34.93	130	88
4	1.3053QP	-11.88	41.52	29.64	66.08	-36.44	130	82
5	3.8785QP	-11.54	29.18	17.64	69.54	-51.90	130	256
6	6.8621QP	-11.67	28.90	17.23	69.54	-52.31	130	73
7	8.9428QP	-11.67	29.24	17.57	69.54	-51.97	130	4



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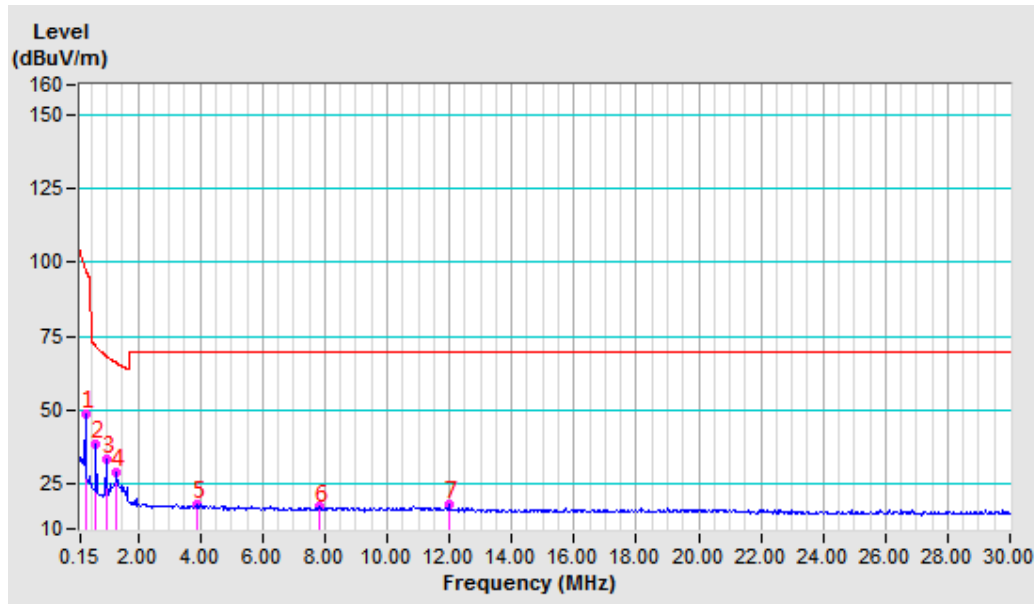


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Test Report No.: RF2508WDG0195

Test Mode	A	Frequency Range	150 kHz ~ 30MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test date	2025-08-27		

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	0.3261AV	-11.52	60.35	48.83	97.34	-48.51	130	91
2	0.6530QP	-11.71	50.40	38.69	71.54	-32.85	130	96
3	0.9784QP	-11.94	45.23	33.29	68.35	-35.06	130	80
4	1.3053QP	-11.88	40.88	29.00	66.08	-37.08	130	74
5	3.9217QP	-11.53	29.69	18.16	69.54	-51.38	130	114
6	7.8457QP	-11.69	29.03	17.34	69.54	-52.20	130	318
7	11.9637QP	-11.65	29.77	18.12	69.54	-51.42	130	7

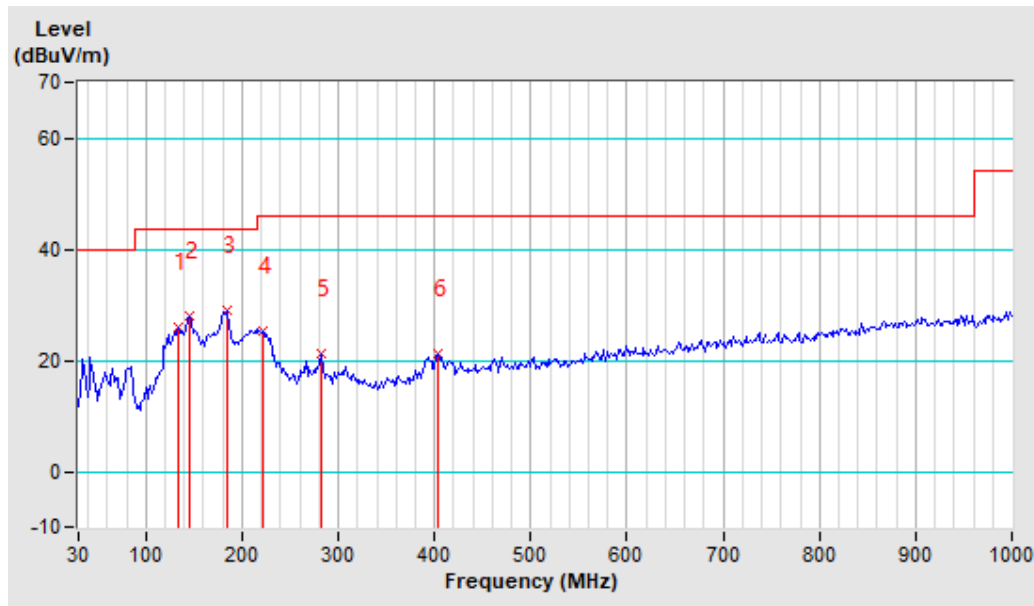




Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	24deg. C, 59% RH	Tested By	Zeke
Test date	2025-08-26		

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	134.15	-17.78	43.74	25.96	43.50	-17.54	200	227
2	145.03	-16.75	44.75	28.00	43.50	-15.50	135	303
3	185.45	-18.88	47.92	29.04	43.50	-14.46	120	318
4	221.20	-18.68	43.91	25.23	46.00	-20.77	169	269
5	281.83	-15.89	37.21	21.32	46.00	-24.68	150	288
6	403.08	-12.31	33.43	21.12	46.00	-24.88	189	250

- 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.







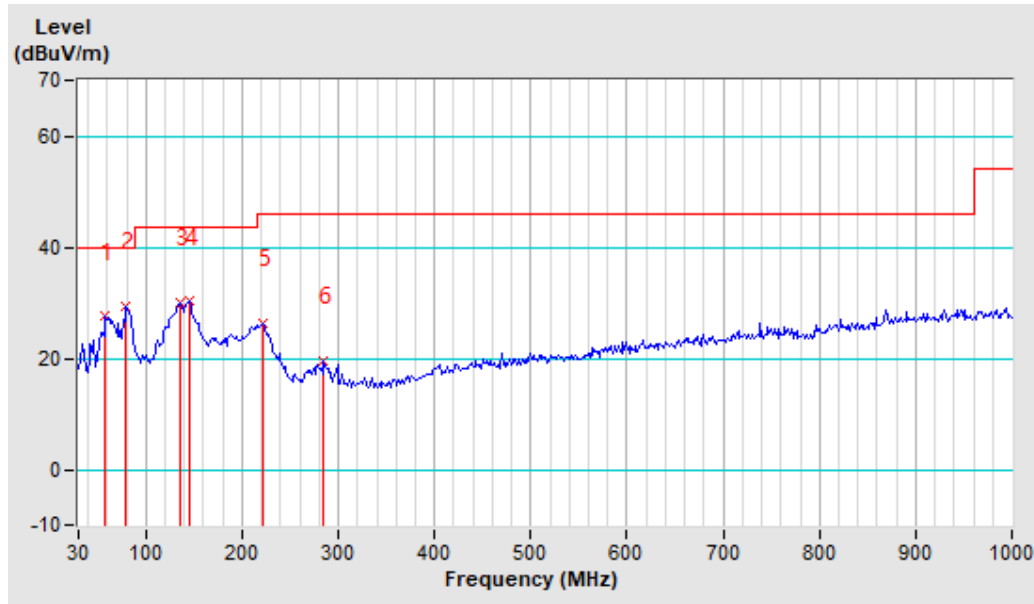
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**Test Report No.: RF2508WDG0195**

Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	24deg. C, 59% RH	Tested By	Zeke
Test date	2025-08-26		

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	57.98	-17.49	45.03	27.54	40.00	-12.46	195	244
2	79.74	-22.16	51.56	29.40	40.00	-10.60	162	277
3	135.71	-17.60	47.69	30.09	43.50	-13.41	135	303
4	145.03	-16.75	47.00	30.25	43.50	-13.25	177	262
5	221.20	-18.68	45.00	26.32	46.00	-19.68	200	228
6	284.94	-15.77	35.36	19.59	46.00	-26.41	200	213

- 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.





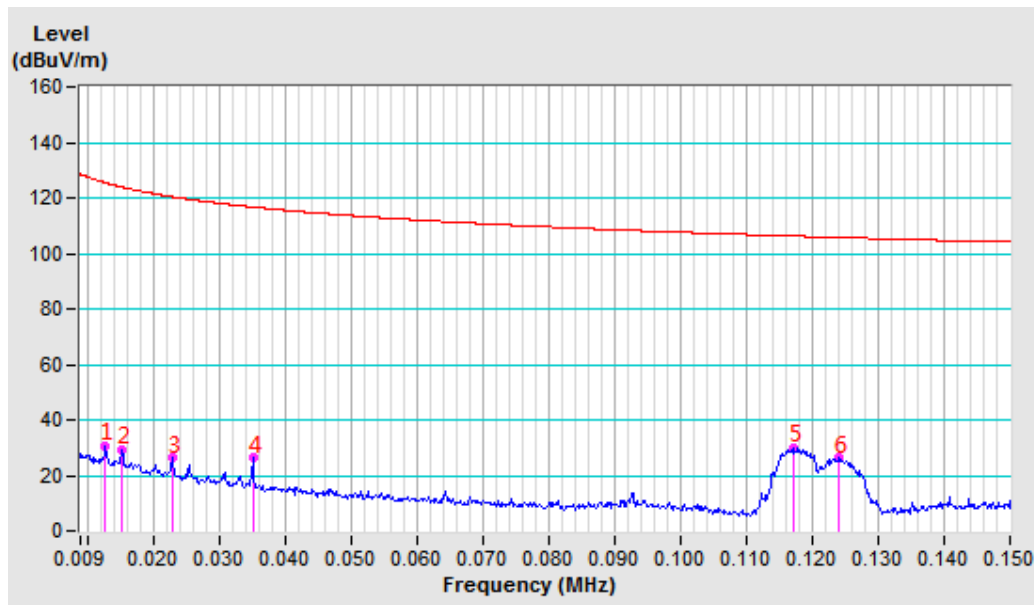
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**Test Report No.: RF2508WDG0195**

**Charging Mode**

Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-27		

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	-10.23	41.08	30.85	125.46	-94.61	130	107
2	0.0154AV	-10.42	39.83	29.41	123.86	-94.45	130	40
3	0.0230AV	-10.96	37.40	26.44	120.37	-93.93	130	3
4	0.0352V	-11.48	37.74	26.26	116.67	-90.41	130	67
5	0.1173AV	-11.79	41.71	29.92	106.22	-76.30	130	178
6	0.1241AV	-11.80	38.04	26.24	105.72	-79.48	130	180





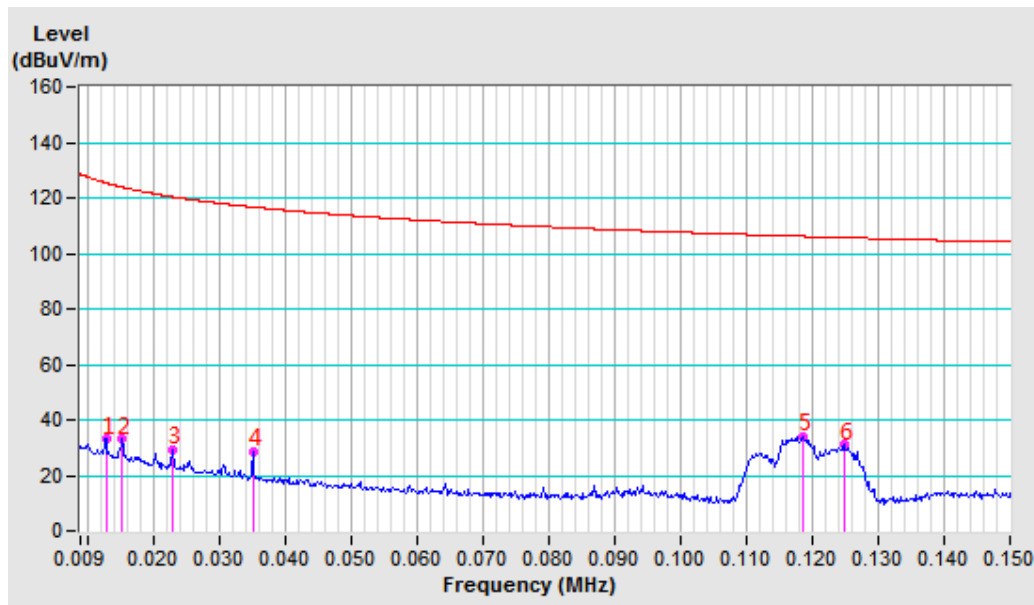
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**Test Report No.: RF2508WDG0195**

Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-27		

**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	0.0129AV	-10.23	43.36	33.13	125.42	-92.29	130	206
2	0.0154AV	-10.42	43.52	33.10	123.86	-90.76	130	339
3	0.0230AV	-10.97	40.38	29.41	120.36	-90.95	130	310
4	0.0352AV	-11.48	40.07	28.59	116.67	-88.08	130	356
5	0.1187AV	-11.79	45.78	33.99	106.11	-72.12	130	179
6	0.1248AV	-11.80	42.75	30.95	105.68	-74.73	130	176





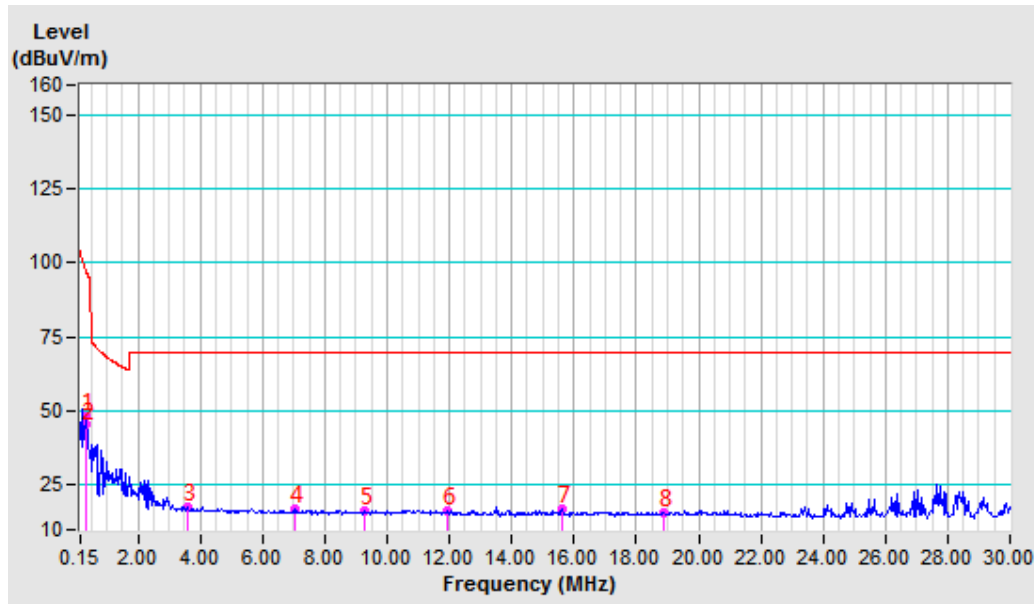
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**Test Report No.: RF2508WDG0195**

Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-27		

**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	0.3261AV	-11.52	59.64	48.12	97.34	-49.22	130	92
2	0.3590AV	-11.53	56.85	45.32	96.50	-51.18	130	184
3	3.6008QP	-11.57	29.34	17.77	69.54	-51.77	130	256
4	7.0114QP	-11.67	28.45	16.78	69.54	-52.76	130	121
5	9.2980QP	-11.66	28.22	16.56	69.54	-52.98	130	140
6	11.9070QP	-11.65	27.92	16.27	69.54	-53.27	130	360
7	15.6131QP	-11.67	28.70	17.03	69.54	-52.51	130	68
8	18.8520QP	-11.25	27.27	16.02	69.54	-53.52	130	194





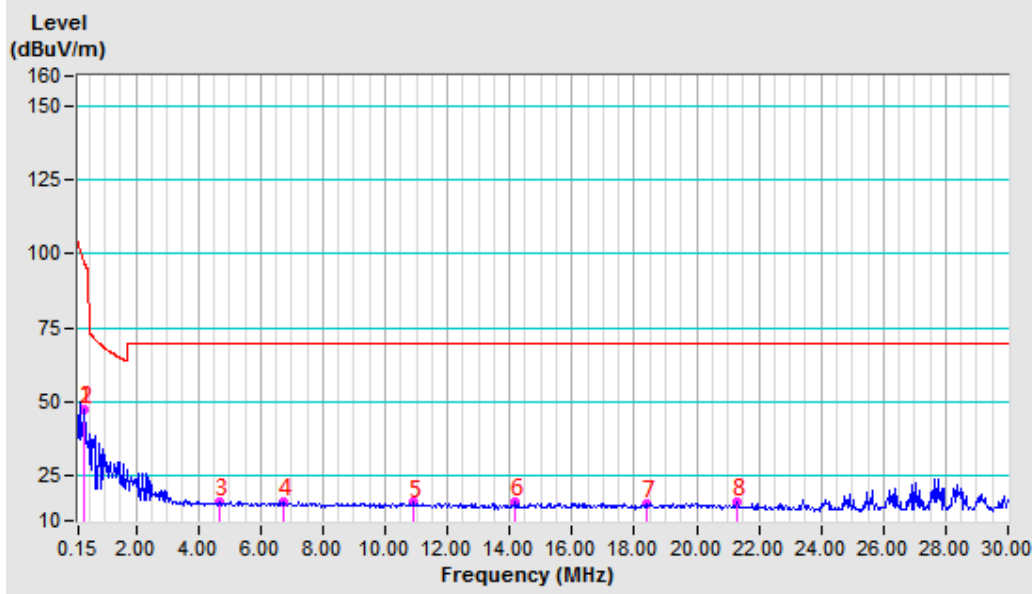
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**Test Report No.: RF2508WDG0195**

Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-27		

**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	0.3261AV	-11.52	59.19	47.67	97.34	-49.67	130	90
2	0.3590AV	-11.53	58.93	47.40	96.50	-49.10	130	324
3	4.6994QP	-11.58	28.19	16.61	69.54	-52.93	130	41
4	6.7517QP	-11.66	27.89	16.23	69.54	-53.31	130	37
5	10.9339QP	-11.65	27.72	16.07	69.54	-53.47	130	86
6	14.1742QP	-11.74	28.38	16.64	69.54	-52.90	130	75
7	18.4042QP	-11.33	27.23	15.90	69.54	-53.64	130	59
8	21.2849QP	-11.28	27.44	16.16	69.54	-53.38	130	84

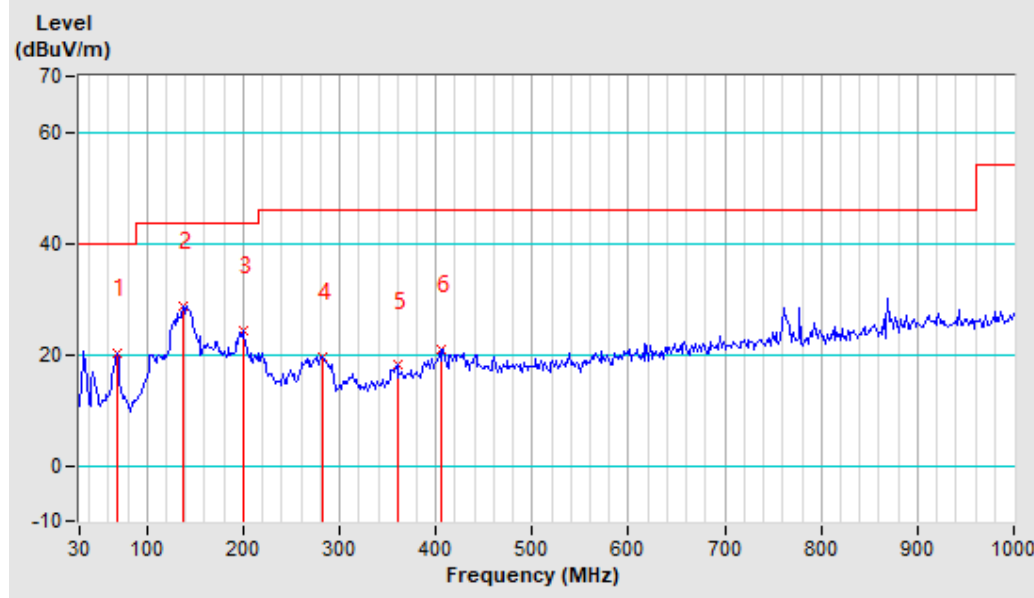




Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	24deg. C, 59% RH	Tested By	Ludius
Test date	2025-09-09		

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	-19.08	39.21	20.13	40.00	-19.87	100	238
2	137.26	-17.42	46.09	28.67	43.50	-14.83	100	214
3	199.44	-19.74	44.00	24.26	43.50	-19.24	100	198
4	281.83	-15.89	35.53	19.64	46.00	-26.36	100	185
5	359.55	-13.95	32.00	18.05	46.00	-27.95	100	146
6	404.63	-12.26	33.17	20.91	46.00	-25.09	100	162

- 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.

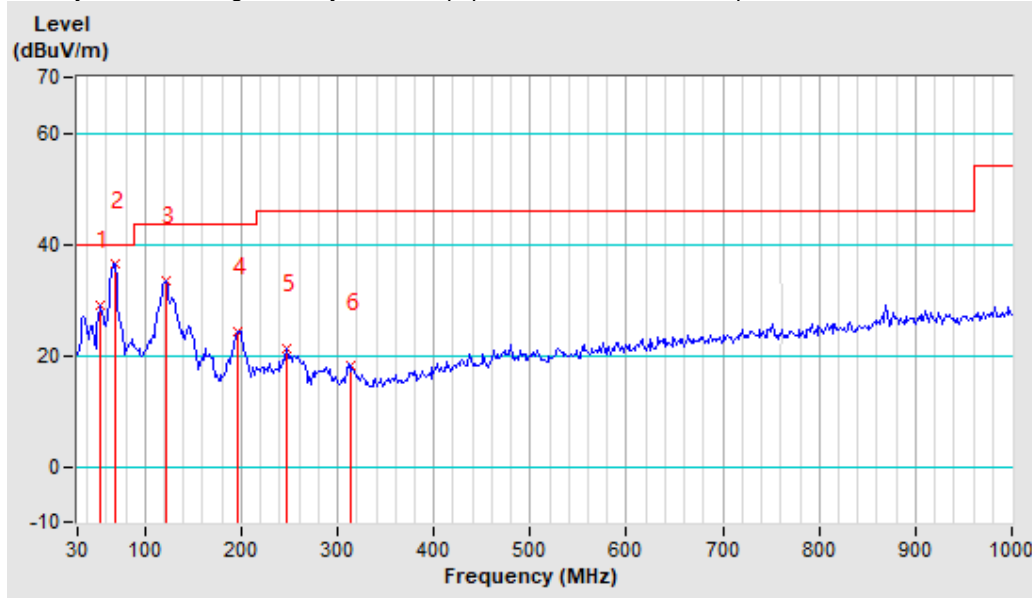




Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	24deg. C, 59% RH	Tested By	Ludius
Test date	2025-09-09		

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	53.32	-17.43	46.42	28.99	40.00	-11.01	234	52
2	68.86	-19.08	55.40	36.32	40.00	-3.68	100	0
3	121.71	-19.43	52.84	33.41	43.50	-10.09	400	63
4	196.33	-19.61	43.94	24.33	43.50	-19.17	363	63
5	247.63	-17.33	38.55	21.22	46.00	-24.78	163	74
6	314.47	-14.93	32.94	18.01	46.00	-27.99	100	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.





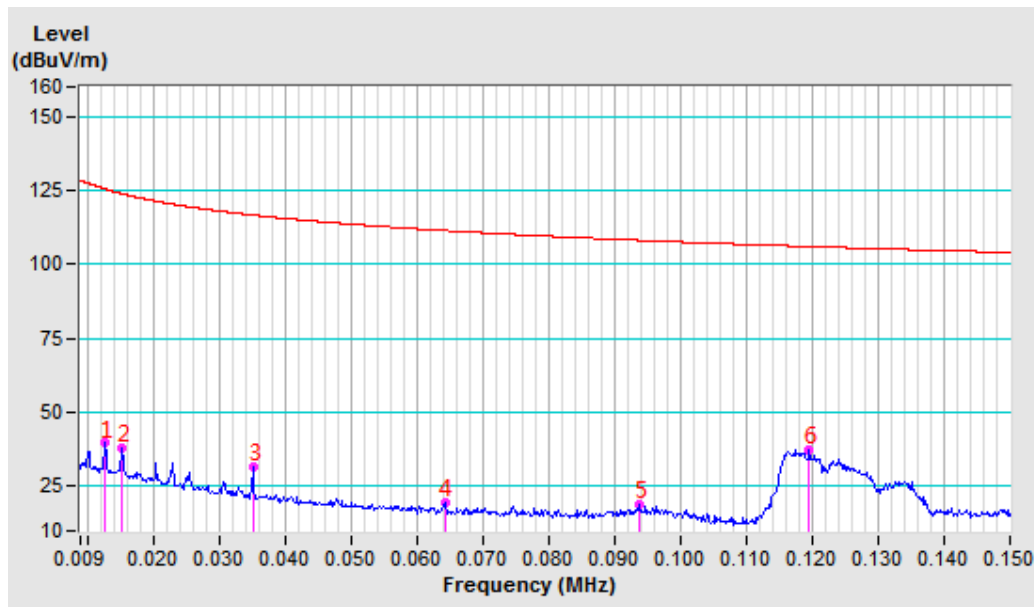
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**Test Report No.: RF2508WDG0195**

Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-27		

**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	-10.23	49.80	39.57	125.47	-85.90	130	354
2	0.0154AV	-10.42	48.38	37.96	123.87	-85.91	130	360
3	0.0352AV	-11.48	43.25	31.77	116.67	-84.90	130	353
4	0.0642AV	-11.59	31.11	19.52	111.45	-91.93	130	360
5	0.0938QP	-11.76	30.64	18.88	108.16	-89.28	130	204
6	0.1195AV	-11.80	48.99	37.19	106.05	-68.86	130	167







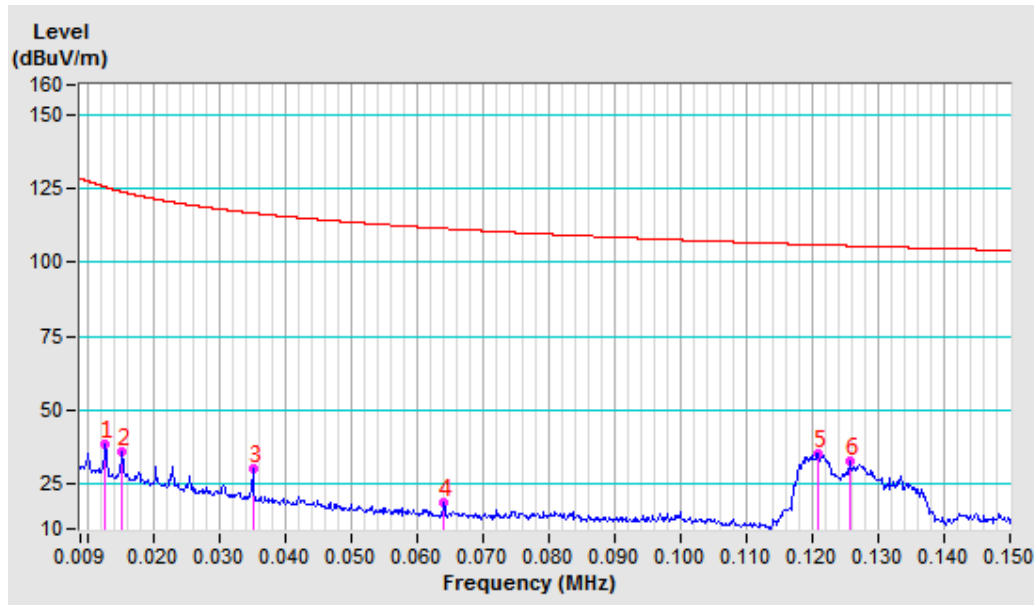
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Test Report No.: RF2508WDG0195

Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-27		

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	-10.23	48.76	38.53	125.47	-86.94	130	84
2	0.0154AV	-10.42	46.38	35.96	123.87	-87.91	130	13
3	0.0352AV	-11.48	41.91	30.43	116.67	-86.24	130	76
4	0.0642AV	-11.59	30.27	18.68	111.45	-92.77	130	21
5	0.1209AV	-11.80	47.51	35.71	105.95	-70.24	130	174
6	0.1256AV	-11.78	44.50	32.72	105.62	-72.90	130	172



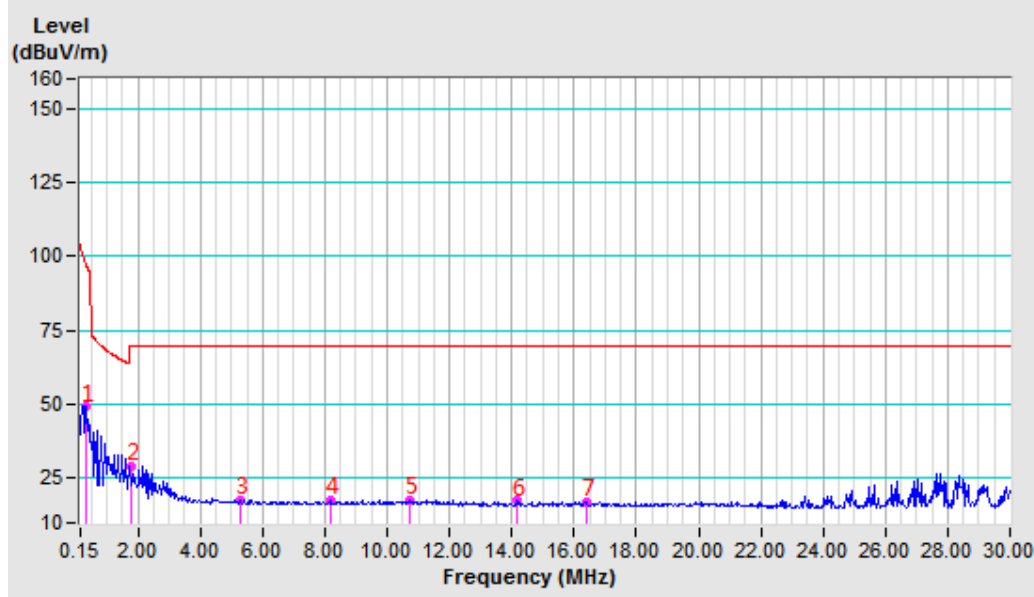


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**Test Report No.: RF2508WDG0195**

Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-27		

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	0.3590AV	-11.53	60.68	49.15	96.50	-47.35	130	330
2	1.7780QP	-11.77	40.98	29.21	69.54	-40.33	130	199
3	5.2561QP	-11.61	29.27	17.66	69.54	-51.88	130	218
4	8.2159QP	-11.69	29.20	17.51	69.54	-52.03	130	184
5	10.7383QP	-11.64	29.28	17.64	69.54	-51.90	130	305
6	14.1757QP	-11.74	29.12	17.38	69.54	-52.16	130	57
7	16.3788QP	-11.59	28.80	17.21	69.54	-52.33	130	189



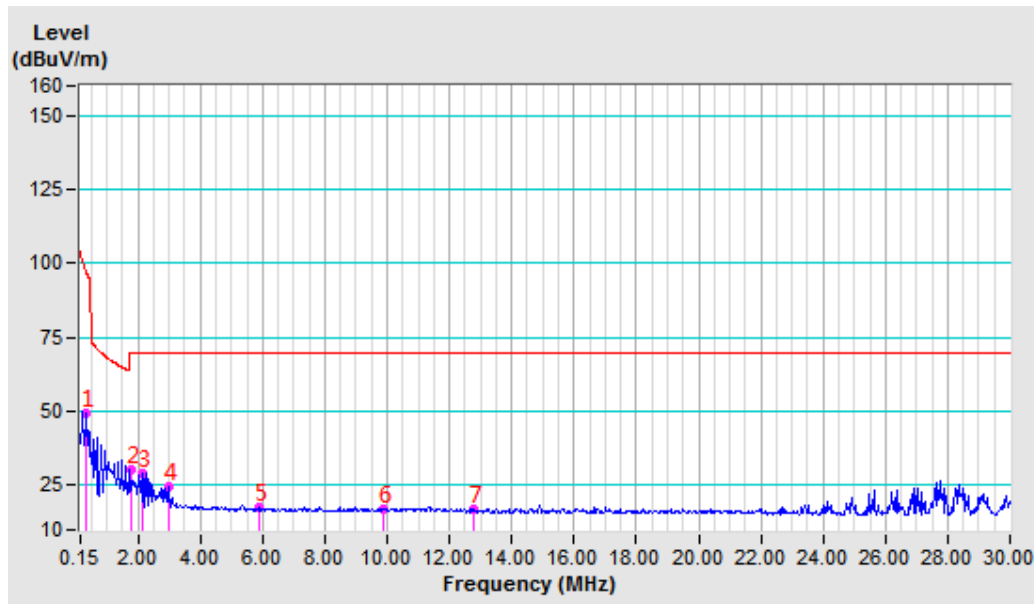


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**Test Report No.: RF2508WDG0195**

Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-27		

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	0.3590AV	-11.53	60.93	49.40	96.50	-47.10	130	313
2	1.7780QP	-11.77	42.03	30.26	69.54	-39.28	130	199
3	2.1695QP	-11.70	40.95	29.25	69.54	-40.29	130	192
4	2.9740QP	-11.61	36.34	24.73	69.54	-44.81	130	214
5	5.8949QP	-11.65	29.40	17.75	69.54	-51.79	130	179
6	9.8890QP	-11.64	28.80	17.16	69.54	-52.38	130	37
7	12.7802QP	-11.68	28.92	17.24	69.54	-52.30	130	55

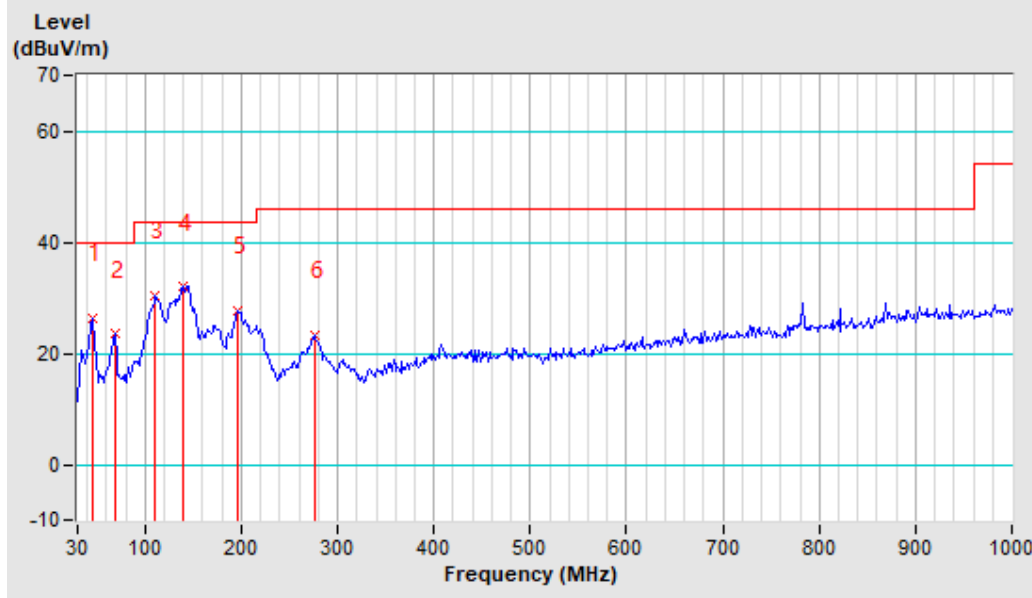




Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	24deg. C, 59% RH	Tested By	Ludius
Test date	2025-09-09		

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	45.54	-17.81	44.14	26.33	40.00	-13.67	131	64
2	68.86	-19.08	42.53	23.45	40.00	-16.55	118	78
3	110.83	-20.39	50.78	30.39	43.50	-13.11	180	16
4	138.81	-17.23	49.15	31.92	43.50	-11.58	196	1
5	196.33	-19.61	47.31	27.70	43.50	-15.80	166	30
6	275.61	-16.15	39.47	23.32	46.00	-22.68	149	46

- 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.





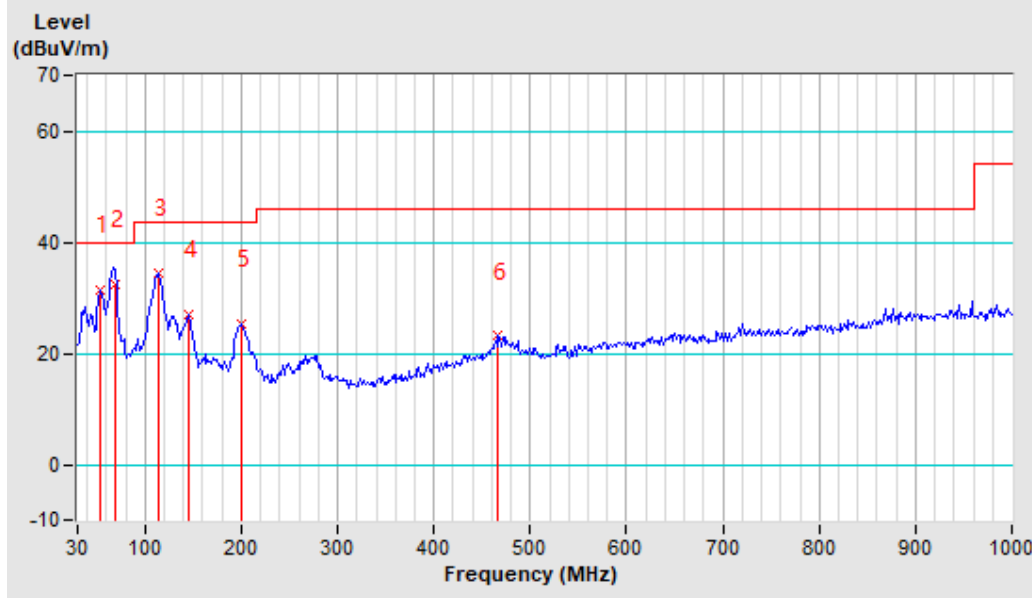
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**Test Report No.: RF2508WDG0195**

Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	24deg. C, 59% RH	Tested By	Ludius
Test date	2025-09-09		

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	53.32	-17.43	48.77	31.34	40.00	-8.66	234	18
2	68.69	-19.05	51.55	32.50	40.00	-7.50	235	2
3	113.94	-20.14	54.55	34.41	43.50	-9.09	152	63
4	145.03	-16.75	43.72	26.97	43.50	-16.53	163	33
5	199.44	-19.74	45.08	25.34	43.50	-18.16	100	0
6	466.81	-10.50	33.58	23.08	46.00	-22.92	100	49

- 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.





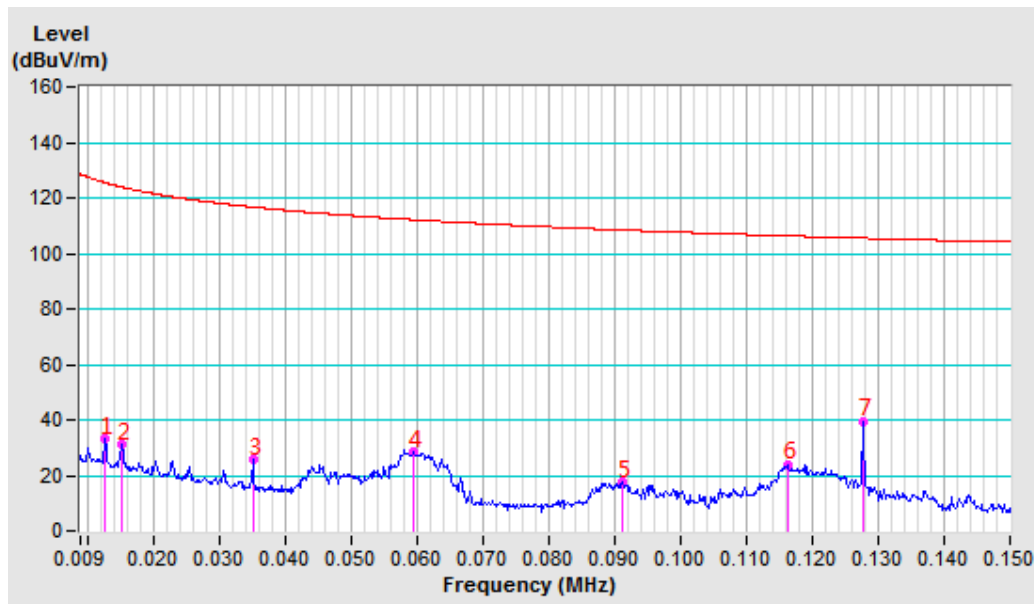
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**Test Report No.: RF2508WDG0195**

Test Mode	D	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-28		

**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	-10.23	43.37	33.14	125.45	-92.31	130	334
2	0.0153AV	-10.42	41.57	31.15	123.89	-92.74	130	360
3	0.0352AV	-11.48	36.98	25.50	116.67	-91.17	130	345
4	0.0596AV	-11.56	39.73	28.17	112.10	-83.93	130	169
5	0.0912QP	-11.75	29.36	17.61	108.40	-90.79	130	360
6	0.1163AV	-11.79	35.85	24.06	106.29	-82.23	130	174
7	0.1278AV	-11.78	51.39	39.61	105.47	-65.86	130	249



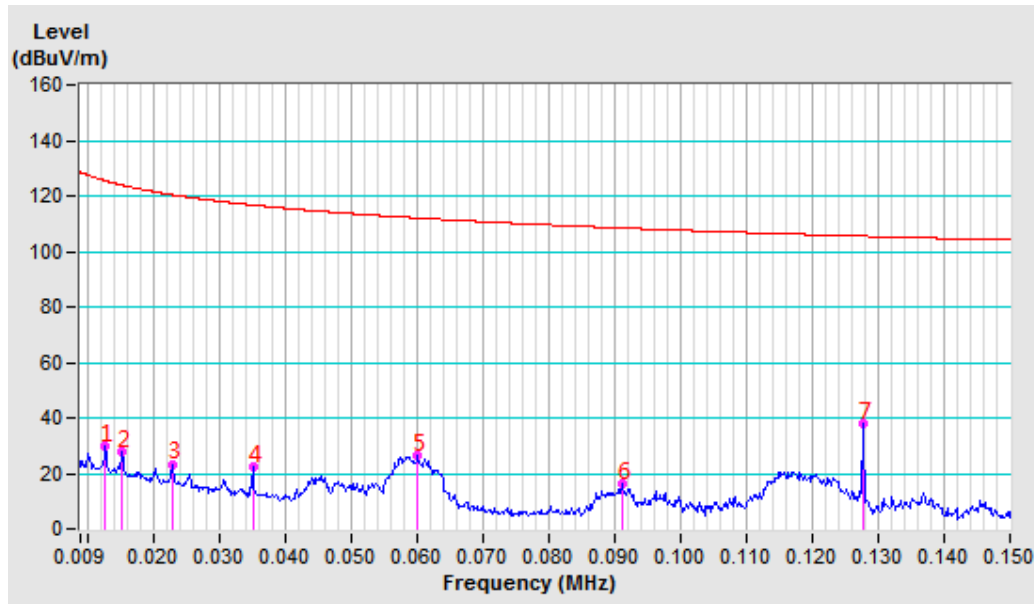


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**Test Report No.: RF2508WDG0195**

Test Mode	D	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-28		

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	-10.23	40.01	29.78	125.46	-95.68	130	49
2	0.0154AV	-10.42	38.05	27.63	123.88	-96.25	130	106
3	0.023AV	-10.96	34.31	23.35	120.37	-97.02	130	65
4	0.0352AV	-11.48	33.85	22.37	116.67	-94.30	130	40
5	0.0602AV	-11.56	37.67	26.11	112.01	-85.90	130	173
6	0.0913QP	-11.75	27.70	15.95	108.40	-92.45	130	13
7	0.1278AV	-11.78	49.41	37.63	105.47	-67.84	130	68



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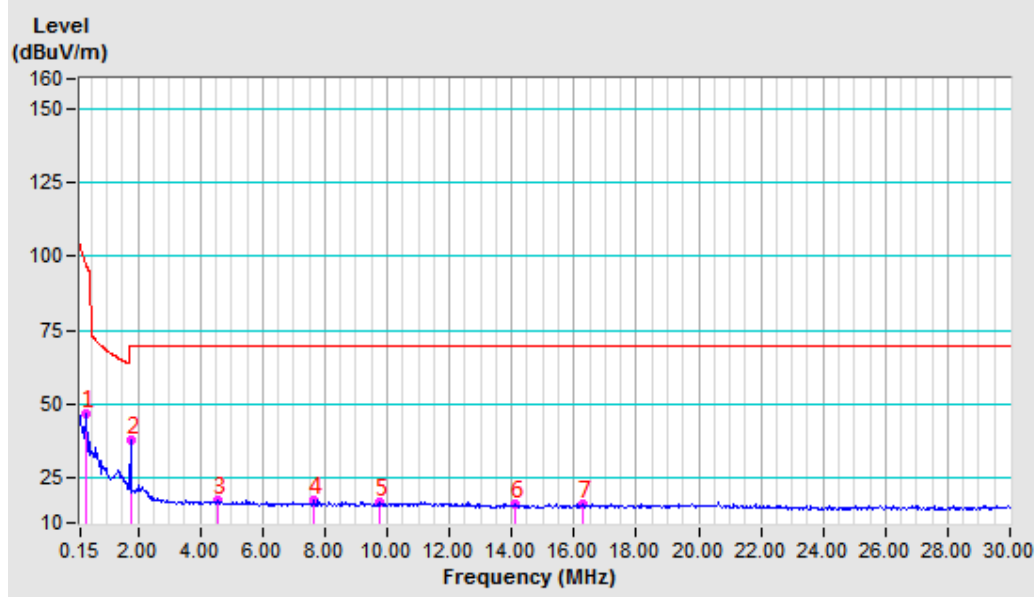


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**Test Report No.: RF2508WDG0195**

Test Mode	D	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-28		

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	0.3261AV	-11.52	58.49	46.97	97.34	-50.37	130	226
2	1.7779QP	-11.77	49.58	37.81	69.54	-31.73	130	58
3	4.5471QP	-11.56	29.20	17.64	69.54	-51.90	130	130
4	7.6532QP	-11.68	29.10	17.42	69.54	-52.12	130	341
5	9.7846QP	-11.65	28.58	16.93	69.54	-52.61	130	317
6	14.1339QP	-11.74	28.11	16.37	69.54	-53.17	130	21
7	16.3026QP	-11.60	28.09	16.49	69.54	-53.05	130	2





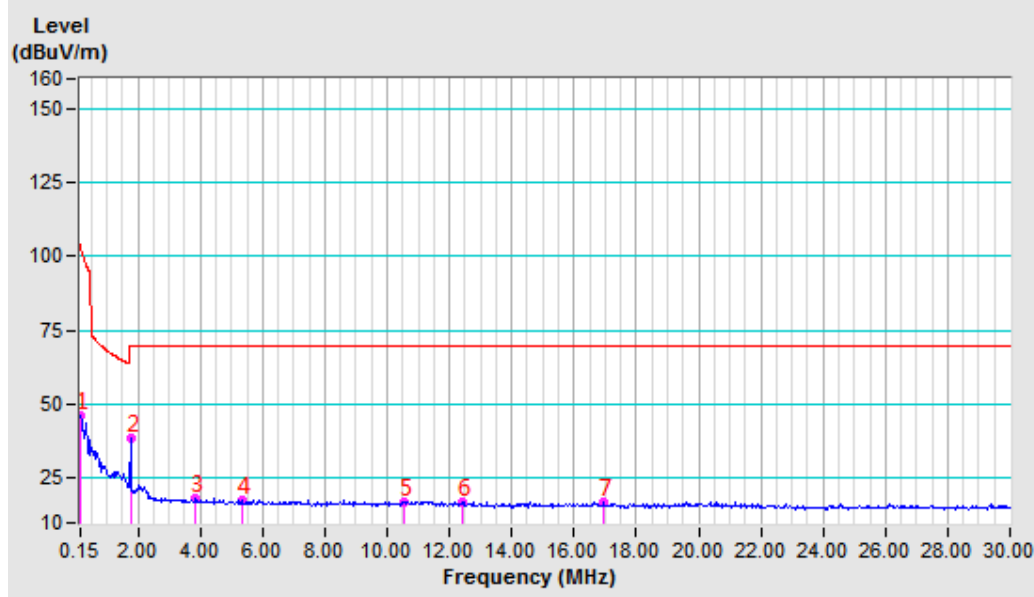


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Test Report No.: RF2508WDG0195

Test Mode	D	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	AC 120V 60Hz	Detector Function	QP&AV
Environmental Conditions	24deg. C, 54% RH	Tested By	Roy
Test Date	2025-08-28		

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	0.1560AV	-11.77	58.16	46.39	103.74	-57.35	130	194
2	1.7779QP	-11.77	50.37	38.60	69.54	-30.94	130	235
3	3.8232QP	-11.55	29.69	18.14	69.54	-51.40	130	9
4	5.3322QP	-11.61	29.49	17.88	69.54	-51.66	130	213
5	10.5562QP	-11.64	28.81	17.17	69.54	-52.37	130	312
6	12.4040QP	-11.67	28.79	17.12	69.54	-52.42	130	28
7	16.9609QP	-11.52	28.65	17.13	69.54	-52.41	130	141



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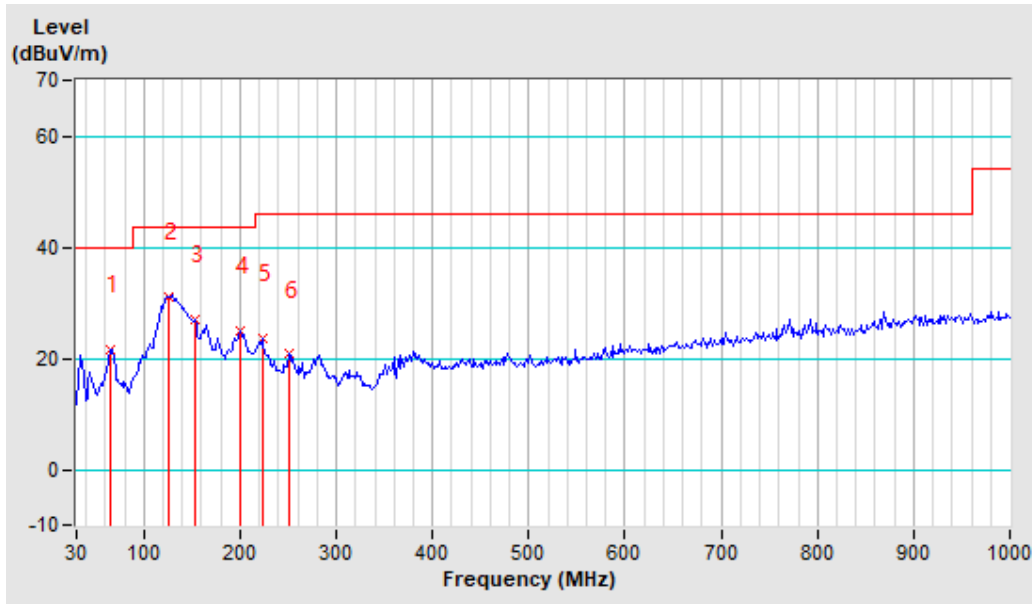
Email: [customerservice.dg@bureauveritas.com](mailto:customerservice.dg@bureauveritas.com)



Test Mode	D	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	24deg. C, 59% RH	Tested By	Ludius
Test date	2025-09-08		

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	65.75	-18.40	40.02	21.62	40.00	-18.38	100	0
2	126.38	-18.78	49.96	31.18	43.50	-12.32	100	21
3	152.80	-16.50	43.49	26.99	43.50	-16.51	100	4
4	199.44	-19.74	44.77	25.03	43.50	-18.47	100	0
5	222.76	-18.60	42.09	23.49	46.00	-22.51	100	0
6	250.74	-17.18	37.93	20.75	46.00	-25.25	100	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.

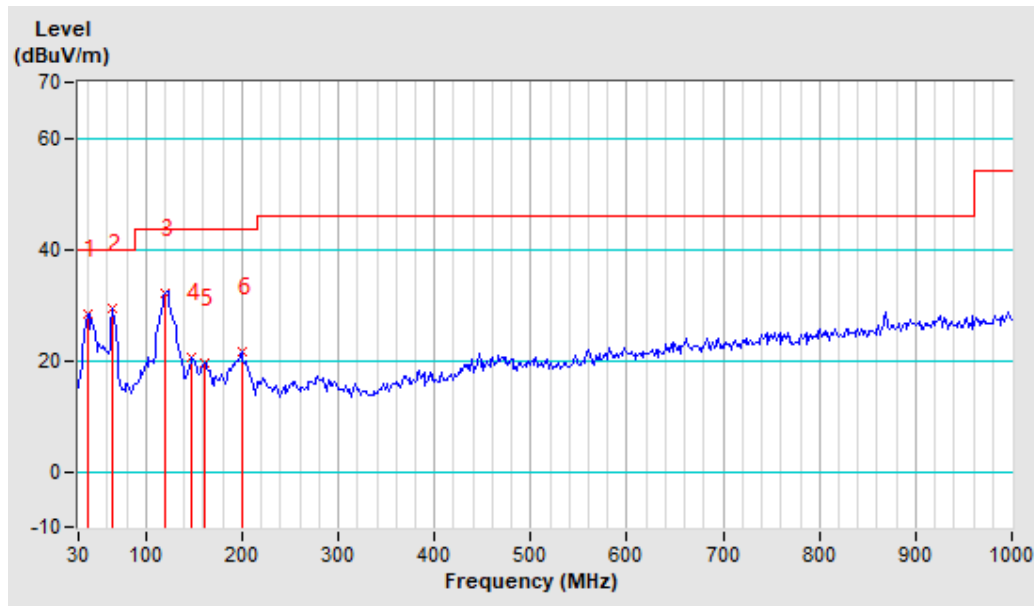




Test Mode	D	Frequency Range	30MHz ~ 1000MHz
Test Voltage	AC 120V 60Hz	Detector Function	Quasi-Peak (QP)
Environmental Conditions	24deg. C, 59% RH	Tested By	Ludius
Test date	2025-09-08		

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	39.33	-18.49	46.77	28.28	40.00	-11.72	160	297
2	65.75	-18.40	47.89	29.49	40.00	-10.51	129	328
3	120.16	-19.64	51.78	32.14	43.50	-11.36	144	313
4	148.14	-16.54	37.17	20.63	43.50	-22.87	201	257
5	160.58	-16.72	36.16	19.44	43.50	-24.06	187	271
6	199.44	-19.74	41.28	21.54	43.50	-21.96	174	284

- 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	MY57320002	Apr. 07, 26
Digital Multimeter	FLUKE	15B	A1220010DG	N/A
Humid & Temp Programmable Tester	Haida	HD-225T	110807201	Oct. 10, 25
Oscilloscope	Agilent	DSO9254A	MY51260160	Jul. 06, 26
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Oct. 09, 25
Signal Generator	Agilent	N5183A	MY50140980	Jul. 06, 26
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Jul. 06, 26
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

- NOTES:**
1. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle.
  2. The test was performed in RF Oven room.

#### 4.3.3 TEST PROCEDURE

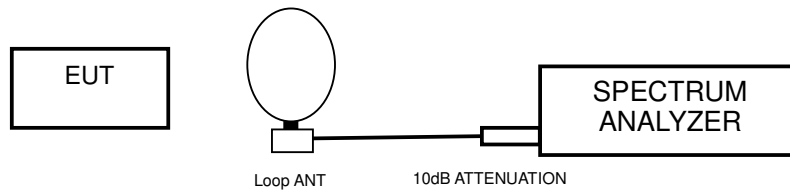
- a. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- b. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- c. Measure the frequency difference of two frequencies that were attenuated 20dB from the reference level. Record the frequency difference as the emission bandwidth.
- d. Repeat above procedures until all frequencies measured were complete.



#### 4.3.4 DEVIATION FROM TEST STANDARD

No deviation.

#### 4.3.5 TEST SETUP



#### 4.3.6 EUT OPERATING CONDITION

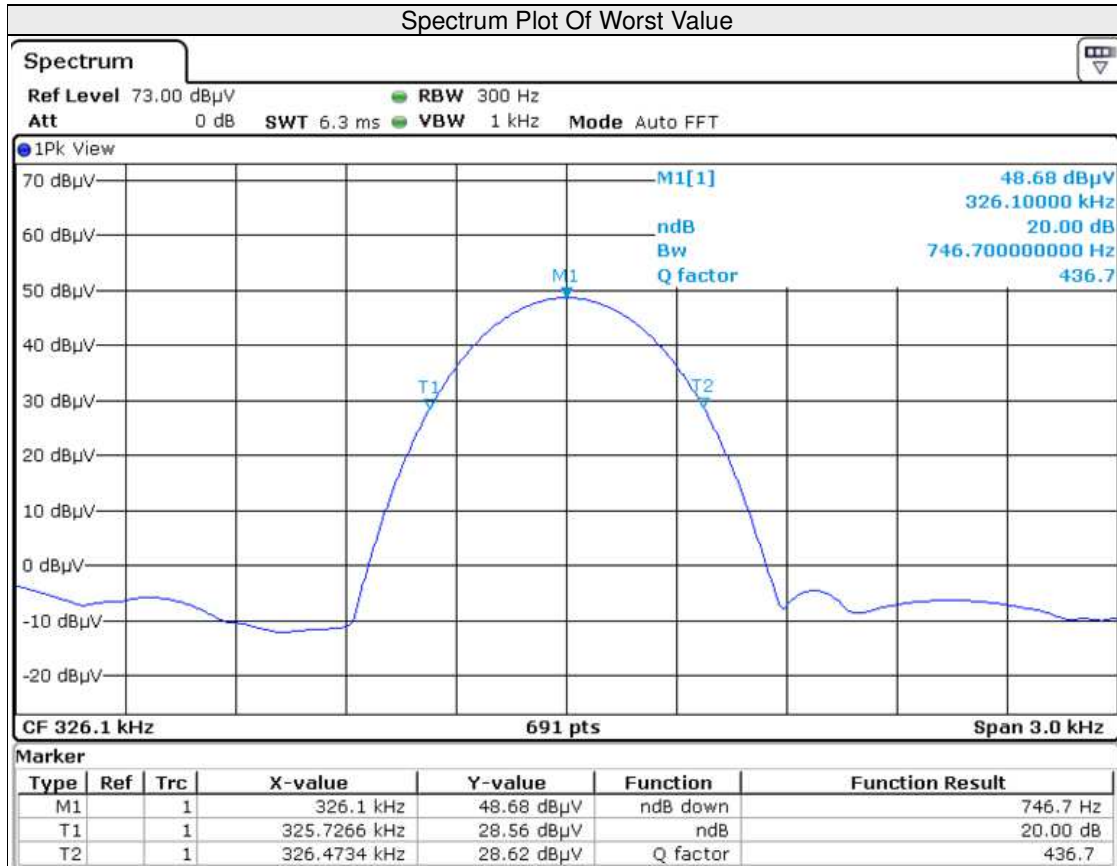
- a. Turn on the EUT.
- b. The EUT tested in charging mode and standby mode respectively.



### 4.3.7 TEST RESULTS

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
A	326.1(Watch Coil)	746.7

**Test Plot:**



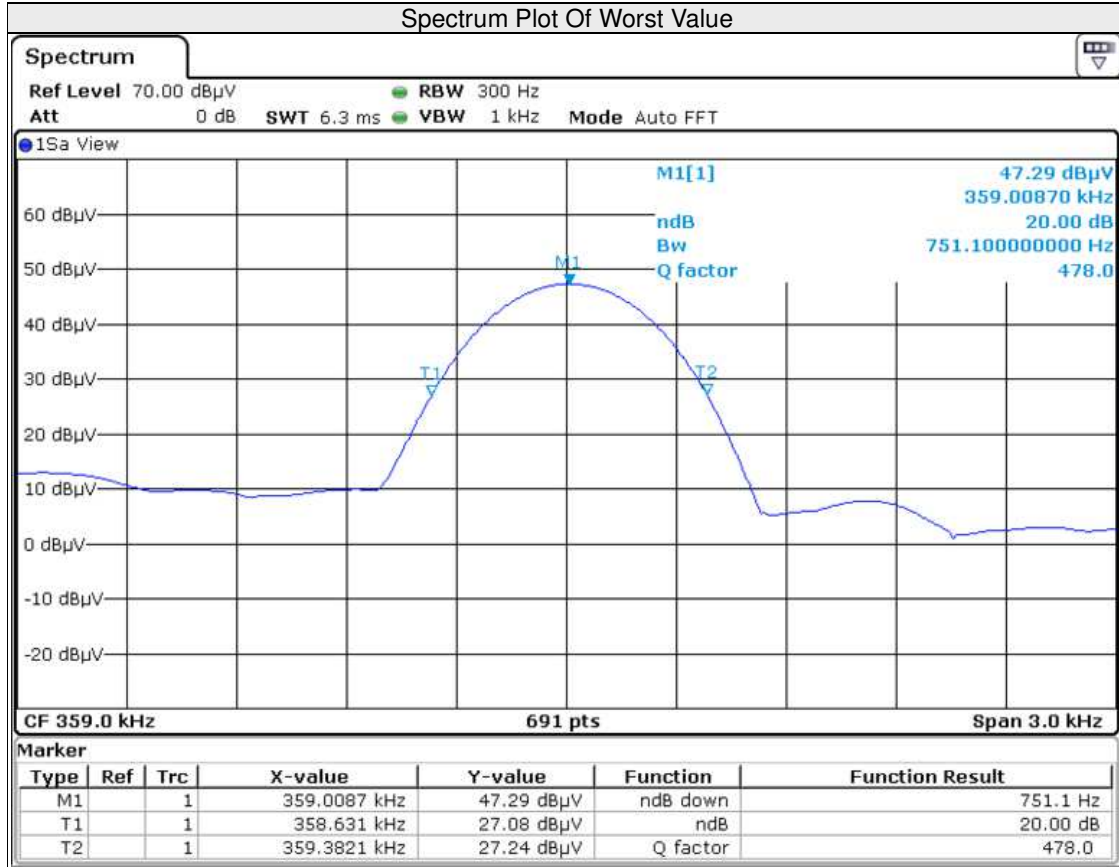


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**Test Report No.: RF2508WDG0195**

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
B	359(25W Coil)	751.1

**Test Plot:**



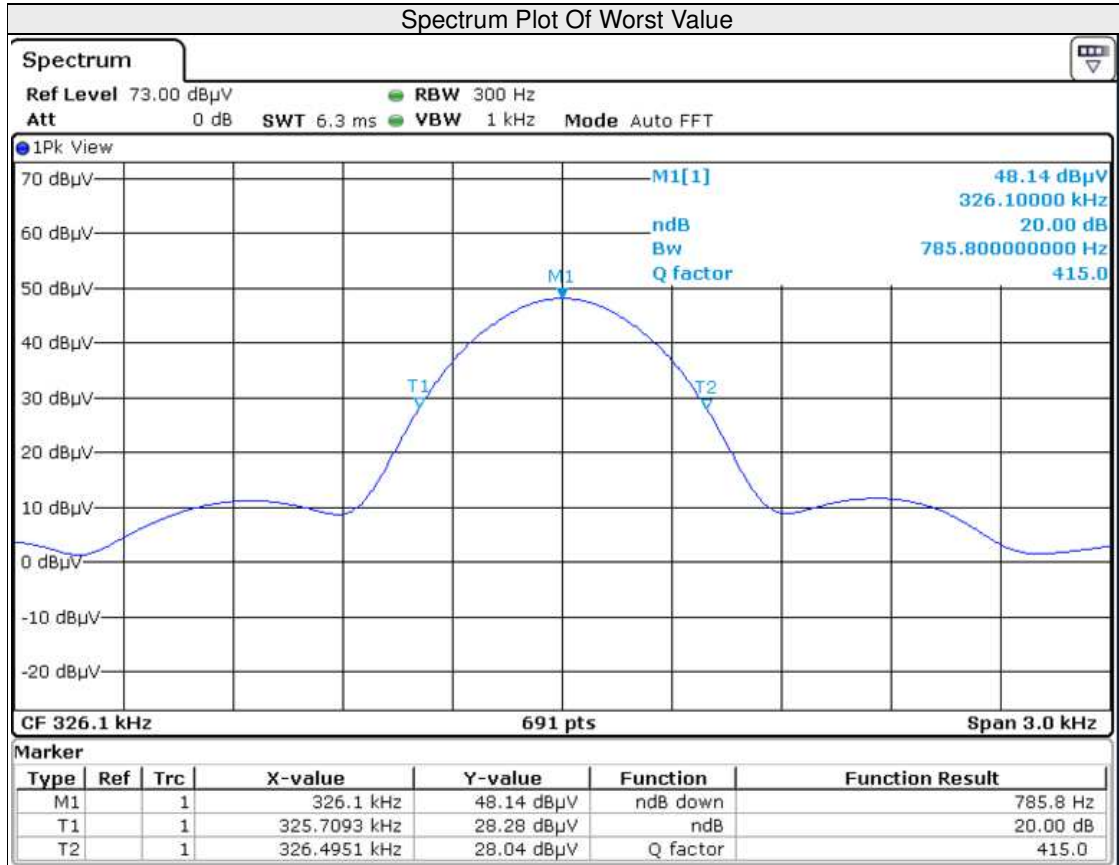


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**Test Report No.: RF2508WDG0195**

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
B	326.1(Watch Coil)	785.8

**Test Plot:**





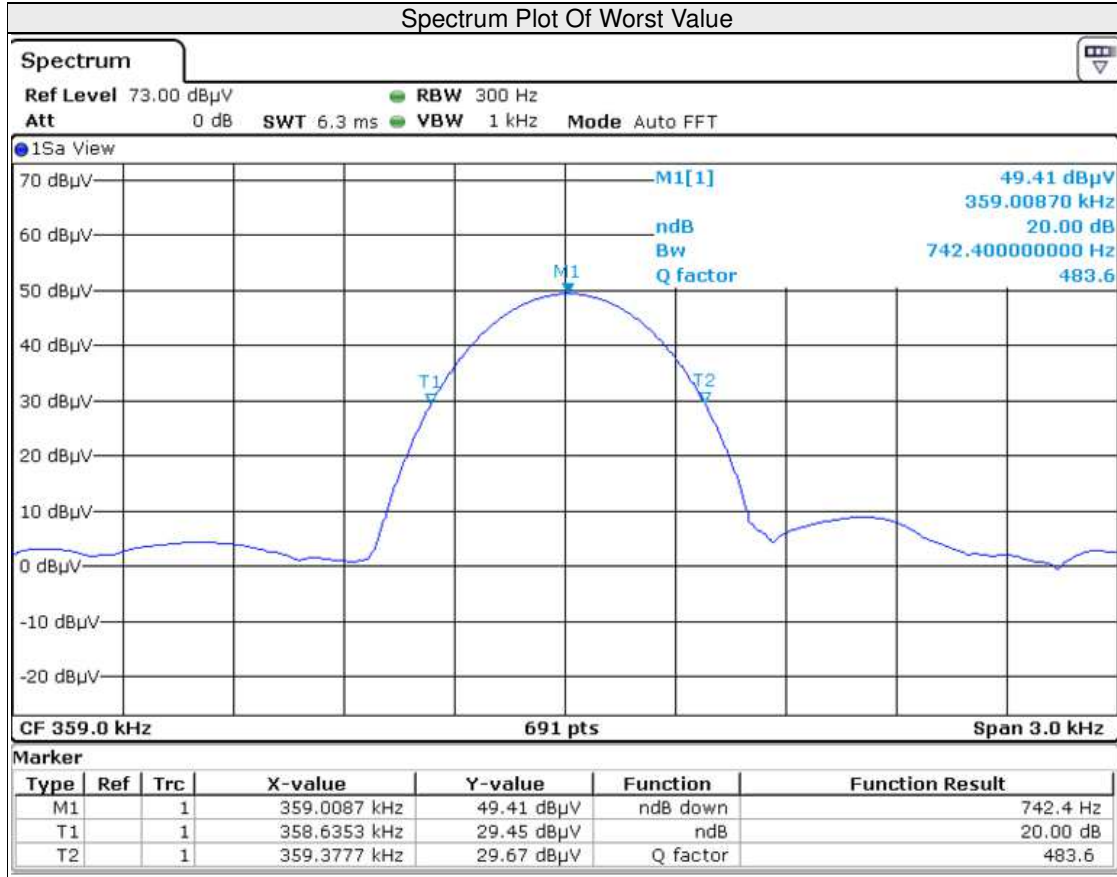


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**Test Report No.: RF2508WDG0195**

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
C	359(25W Coil)	742.4

**Test Plot:**



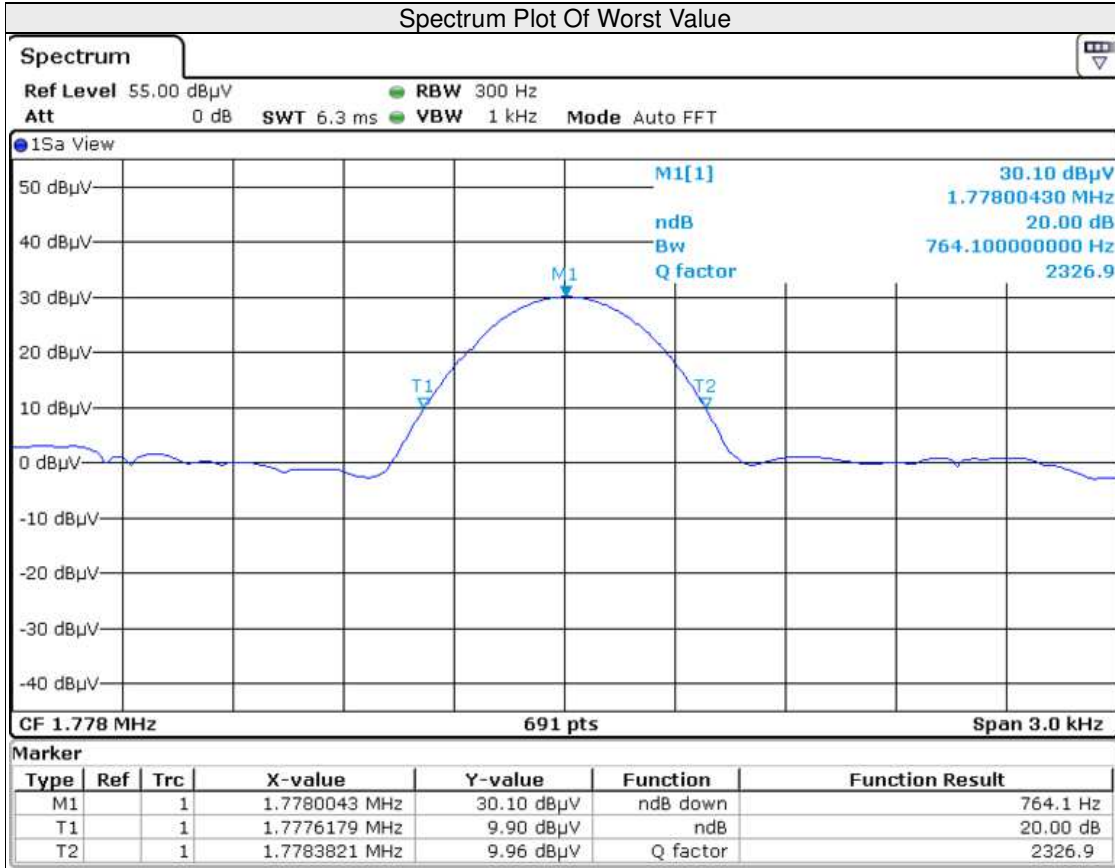


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**Test Report No.: RF2508WDG0195**

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
C	1778(Watch Coil)	764.1

**Test Plot:**



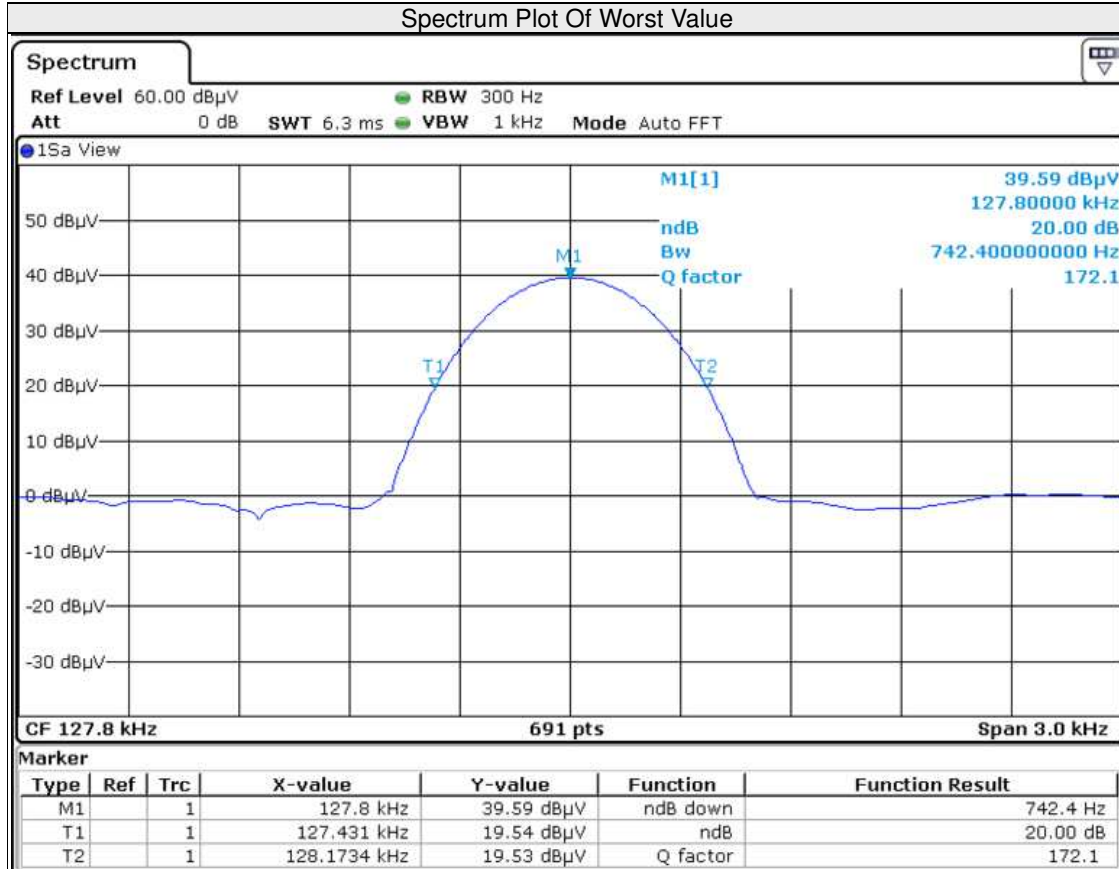


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**Test Report No.: RF2508WDG0195**

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
D	127.8(25W Coil)	742.4

**Test Plot:**



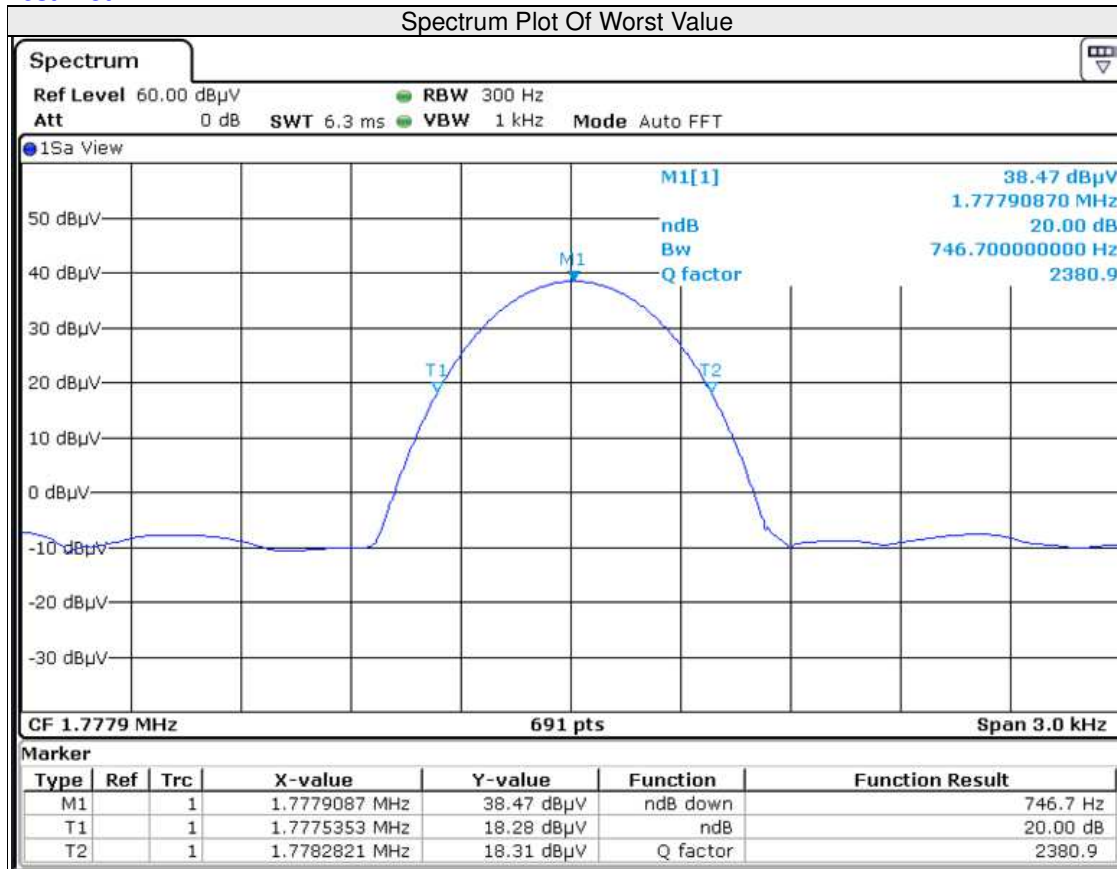


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**Test Report No.: RF2508WDG0195**

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
D	1778(Watch Coil)	746.7

**Test Plot:**





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Test Report No.: RF2508WDG0195

## 5 PHOTOGRAPHS OF THE TEST CONFIGURATION

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



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Test Report No.: RF2508WDG0195

## **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---**