

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 Qi2.2 Wireless Car Charger 25W
Brand Name	belkin
Model	WIC014
Additional Model & Model Difference	N/A
Date of tests	May 23, 2026 ~ Jul. 03, 2026

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: Jul. 15, 2026

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF2605WDG0237	Original release	Jul. 15, 2026

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
§15.207	AC Power Conducted Emission	N/A	Powered From DC Car charger
§15.203	Antenna Requirement	PASS	No antenna connector is used.
§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
Radiated emissions	9KHz ~ 30MHz	2.46dB
	30MHz ~ 1GMHz	4.28 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	UltraCharge Qi2.2 Wireless Car Charger 25W
MODEL NO.	WIC014
ADDITIONAL MODE	N/A
SAMPLE STATUS	Engineering sample
FCC ID	K7SWIC014
POWER SUPPLY	DC 12V- 24V
MODULATION TYPE	FSK
OPERATING FREQUENCY RANGE	25W Qi2.2 Charging Coil (BPP/MPP): 111-148kHz& 360kHz
ANTENNA TYPE	Coil Antenna
FIELD STRENGTH	57.0dBuV/m
MAXIMUM POWER OUTPUT FROM THE CHARGING COIL	Max Power is 25W
CABLE SUPPLIED	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.: 2605WDG0237-2) for detailed product photo.
4. List of Accessory:

ACCESSORIES	BRAND	MANUFACTURER	MODEL	SPECIFICATION
BoostCharge Magnetic Charging Car Vent Mount	belkin	N/A	N/A	N/A
BoostCharge Magnetic Charging Car Dash Mount	belkin	N/A	N/A	N/A
BoostCharge Magnetic Charging Car EV Mount	belkin	N/A	N/A	N/A

3.2 DESCRIPTION OF TEST MODES

The following test frequencies are provided to this EUT:

Configure	Operating Frequency Range(kHz)	Test Frequency(kHz)	Mode
A	111-148&360	128	Standby
B	111-148&360	128	iPhone 11 Pro
C	111-148&360	360	iPhone 17 Pro max

3.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO			DESCRIPTION
	RE<1G	PLC	20BW	
A	√	-	√	Standby
B	√	-	√	iPhone 11 Pro
C	√	-	√	iPhone 17 Pro max

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

PLC: Power Line Conducted Emission

Radiated Emission Test (Below 1GHz):

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

EUT configure mode	Operating Frequency Range(kHz)	Test Frequency(kHz)	Modulation Type
A	111-148&360	128	FSK
B	111-148&360	128	FSK
C	111-148&360	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
A	111-148&360	128	FSK
B	111-148&360	128	FSK
C	111-148&360	360	FSK

TEST CONDITION:

Applicable to	Environmental conditions	Input Power	Tested by
RE<1G	24 °C, 55% RH /24 °C, 58% RH	DC 12V	Roy/Neil
20BW	25 °C, 51% RH	DC 12V	Jeffery
PLC	N/A	N/A	N/A

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	iPhone 17 Pro Max (1#)	Apple	A3527 (MG054CH/A)	CD4WV14FY	BCG-E8962A	Provided By Lab.
B	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A	
C	12V Battery*2	RITAR	RA12-55	N/A	N/A	

Description	Length (m)	Shielding (Y/N)	Remark
USB-C to USB-C cable (optional)	1.5	Y	Belkin International Inc. / HKU1015PBB
USB-C to USB-C cable(optional)	1.5	Y	-
Car charger DC Line*1 (optional)	3.0	N	BV Lab.

3.5 CONFIGURATION OF SYSTEM UNDER TEST

Mode A:				
12V/24V Battery	Car Charger	USB-C Port	25W Coil	
Mode B:				
12V/24V Battery	Car Charger	USB-C Port	25W Coil	iPhone 11 Pro
Mode C:				
12V/24V Battery	Car Charger	USB-C Port	25W Coil	iPhone 17 Pro Max

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 ADIATED EMISSION MEASUREMENT

4.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT

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

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

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

NOTES:

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

4.1.2 TEST INSTRUMENTS

FREQUENCY 9KHz-30MHz

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR7	101564	Oct. 10, 26
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	1519B-045	Apr. 11, 27
Amplifier	Burgeon	BPA-530	100210	Feb. 12, 27
Coaxial RF Cable	Yaohong	Cable below 30MHz	C2310019DG	Jun. 25, 27
Test Software	ADT	ADT_Radiated_V8.7.07	N/A	Oct. 10, 26

- 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. 09, 26
Trilog-Broadband Antenna	SCHWARZBECK	VULB 9168	9168-554	Dec. 14, 26
Pre-Amplifier	Burgeon	BPA-530	100220	Feb. 12, 27
3m Semi-anechoic Chamber	Burgeon	9m*6m*6m	NSEMC003	May 16, 27
Coaxial RF Cable(3m Below 1G)	Yaohong	966 below 1GHz	C2310017DG	Dec. 02, 26
Coaxial RF Cable(3m Below 1G)	Yaohong	966 below 1GHz	C2310087DG	Dec. 02, 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.

4.1.3 TEST PROCEDURE

< Below 30MHz >

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meters Semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1.3 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:

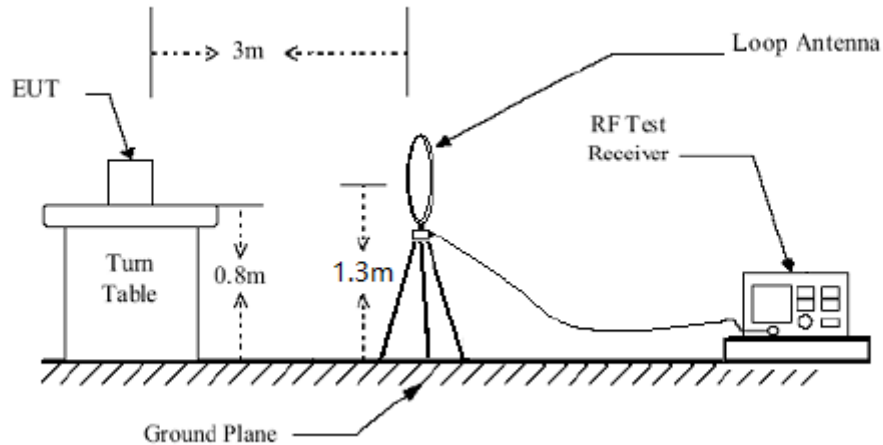
1. The resolution bandwidth of test receiver/spectrum analyzer is 200Hz for Quasi-peak detection (QP/AV) at fundamental frequency 9K-150KHz;
2. The resolution bandwidth of test receiver/spectrum analyzer is 9KHz for Quasi-peak detection (QP/AV) at fundamental frequency 150K-30MHz;
3. The resolution bandwidth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

4.1.4 DEVIATION FROM TEST STANDARD

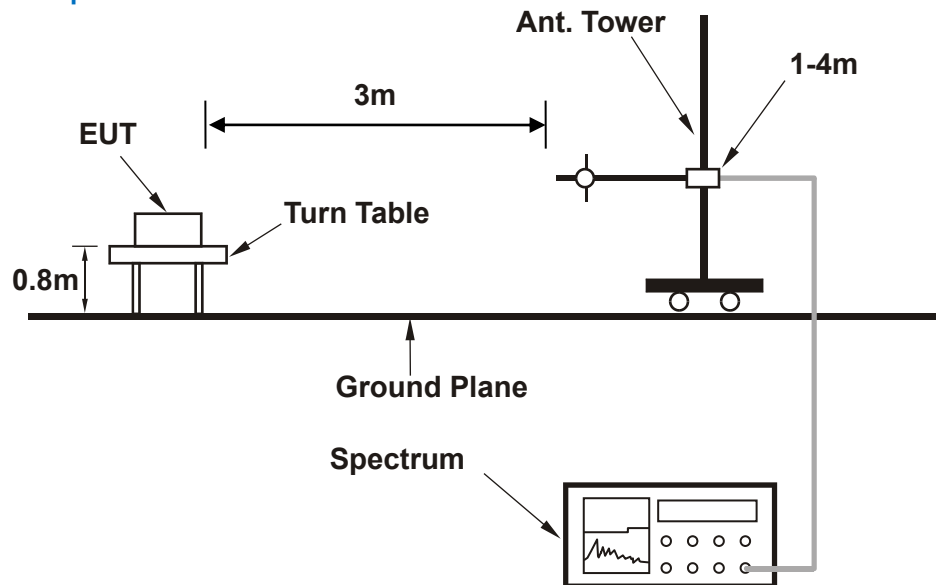
No deviation.

4.1.5 TEST SETUP

Below 30MHz test setup



Below 1GHz test setup



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

4.1.6 EUT OPERATING CONDITIONS

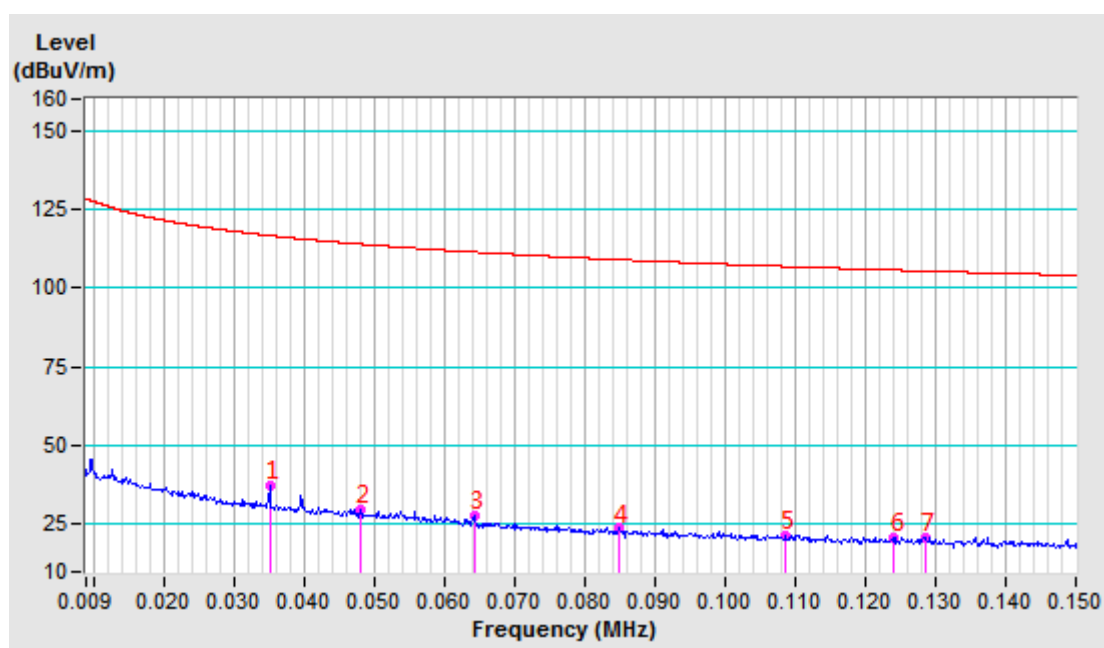
- Turn on the EUT.
- The EUT tested in charging mode and standby mode respectively.

4.1.7 TEST RESULTS

Standby Mode

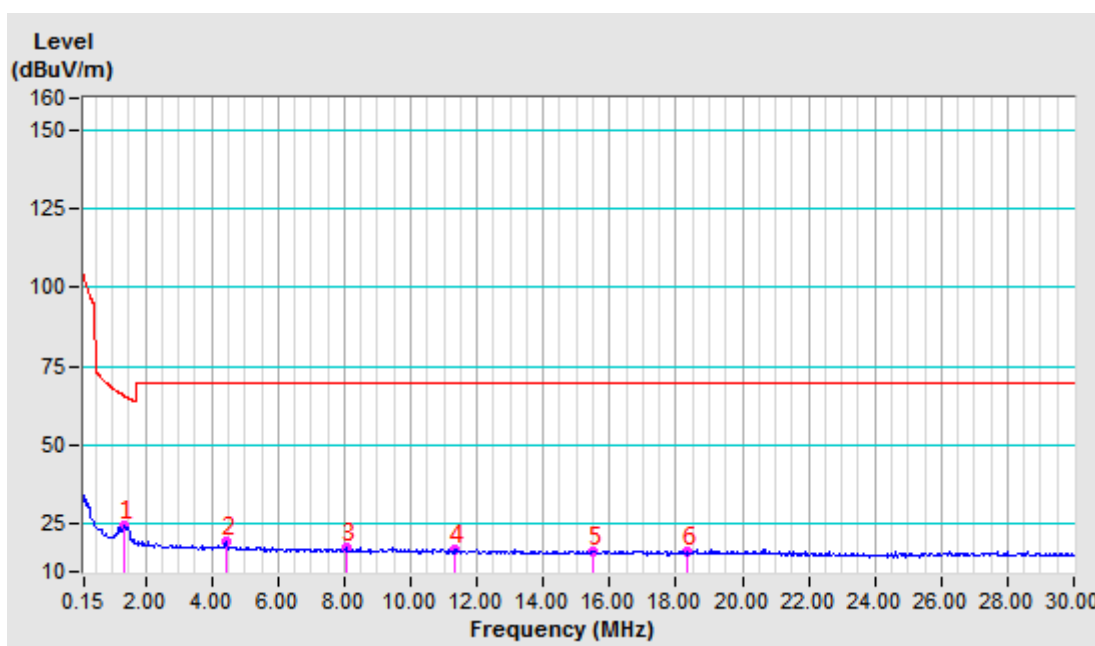
Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	24deg. C, 58% R	Tested By	Roy
Test Date	2026-05-26		

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	0.0352AV	-11.25	48.40	37.15	116.67	-79.52	130	280
2	0.0481AV	-11.32	41.19	29.87	113.96	-84.09	130	145
3	0.0643AV	-11.33	39.35	28.02	111.44	-83.42	130	314
4	0.085AV	-11.33	35.00	23.67	109.01	-85.34	130	82
5	0.1087QP	-11.34	32.98	21.64	106.88	-85.24	130	269
6	0.1242AV	-11.34	32.46	21.12	105.72	-84.60	130	16
7	0.1285AV	-11.34	32.44	21.10	105.43	-84.33	130	169



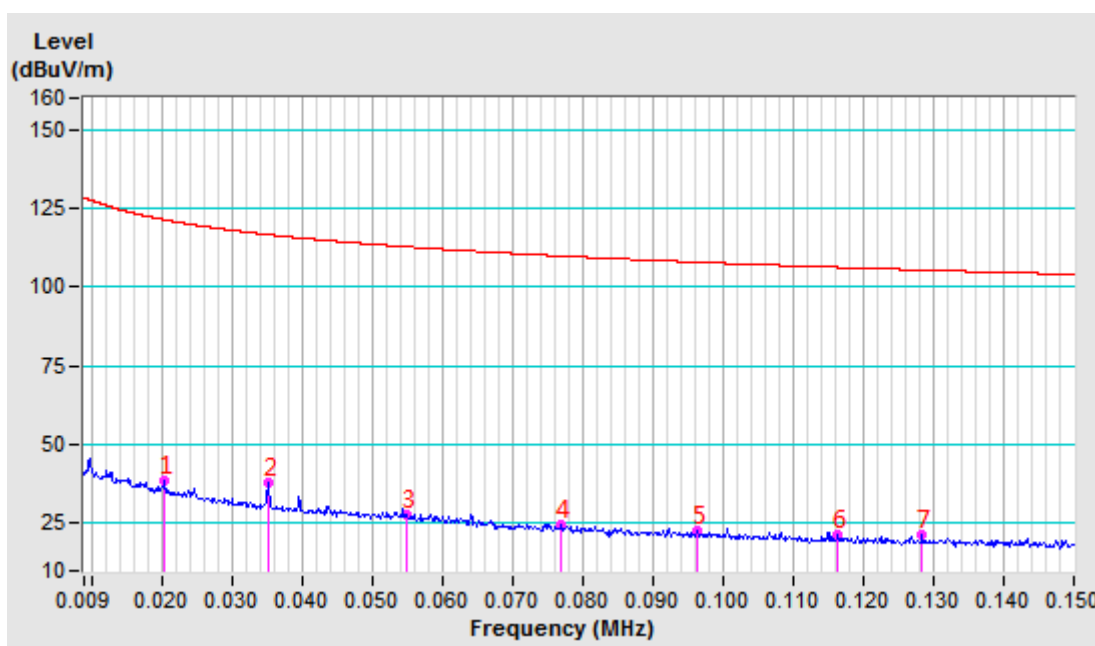
Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	24deg. C, 58% R	Tested By	Roy
Test Date	2026-05-26		

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	1.359QP	-11.56	36.41	24.85	65.76	-40.91	130	330
2	4.4337QP	-11.51	31.15	19.64	69.54	-49.90	130	164
3	8.0756QP	-11.70	29.24	17.54	69.54	-52.00	130	245
4	11.304QP	-11.63	28.68	17.05	69.54	-52.49	130	30
5	15.5056QP	-11.58	28.17	16.59	69.54	-52.95	130	253
6	18.3191QP	-11.25	27.88	16.63	69.54	-52.91	130	211



Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	24deg. C, 58% R	Tested By	Roy
Test Date	2026-05-26		

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	0.0205AV	-10.50	49.09	38.59	121.37	-82.78	130	170
2	0.0352AV	-11.25	49.16	37.91	116.67	-78.76	130	61
3	0.0549AV	-11.33	39.39	28.06	112.80	-84.74	130	360
4	0.0769AV	-11.33	36.06	24.73	109.88	-85.15	130	274
5	0.0963QP	-11.34	34.13	22.79	107.93	-85.14	130	264
6	0.1164AV	-11.33	32.69	21.36	106.28	-84.92	130	193
7	0.1284AV	-11.34	32.59	21.25	105.43	-84.18	130	174





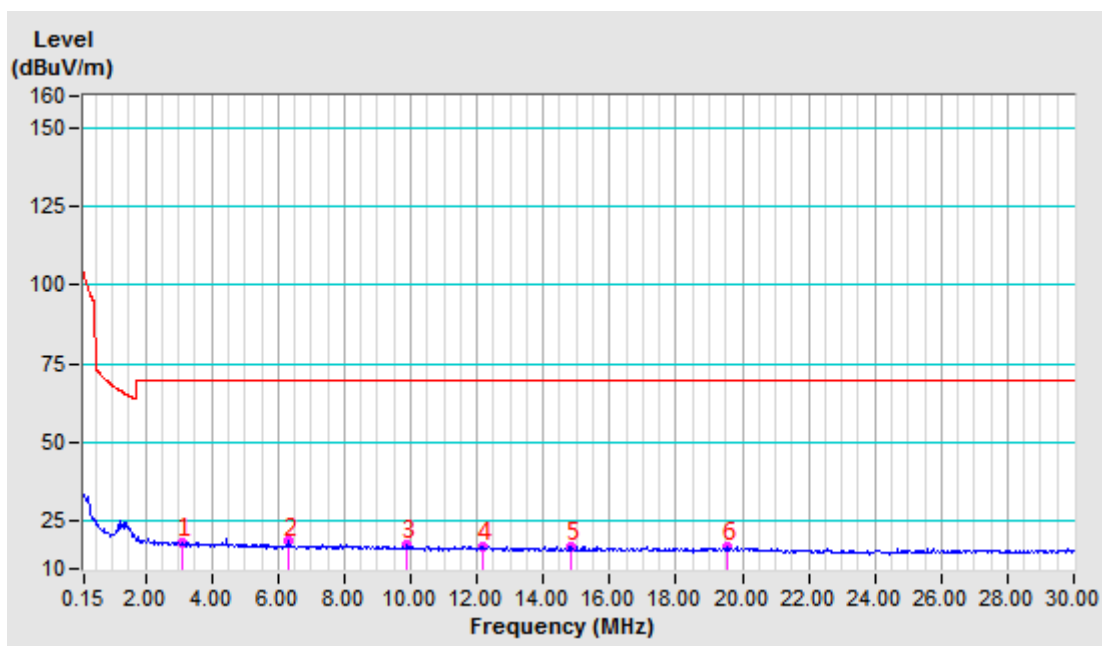
BUREAU
VERITAS

Test Report No.: RF2605WDG0237

Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	24deg. C, 58% R	Tested By	Roy
Test Date	2026-05-26		

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

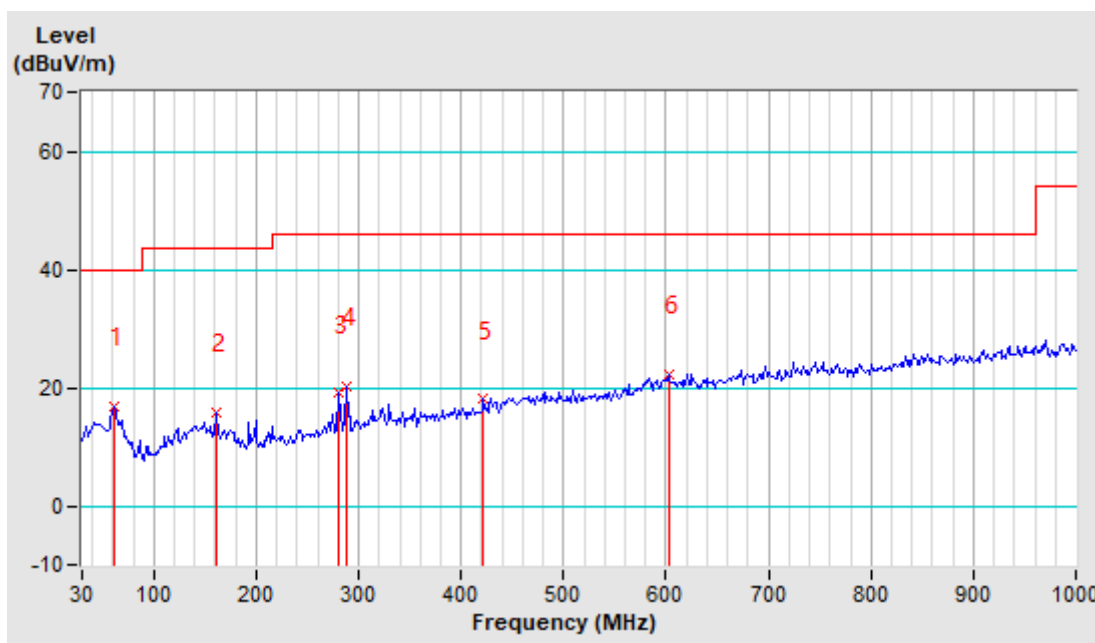
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	3.1262QP	-11.44	29.85	18.41	69.54	-51.13	130	225
2	6.2875QP	-11.66	30.27	18.61	69.54	-50.93	130	351
3	9.8532QP	-11.66	29.12	17.46	69.54	-52.08	130	51
4	12.1951QP	-11.62	28.78	17.16	69.54	-52.38	130	54
5	14.816QP	-11.63	28.60	16.97	69.54	-52.57	130	360
6	19.5445QP	-11.05	28.17	17.12	69.54	-52.42	130	350



Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	23deg. C, 54% RH	Tested By	Neil
Test Date	2026-06-03		

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	61.09	-17.29	34.15	16.86	40.00	-23.14	173	104
2	160.58	-16.64	32.35	15.71	43.50	-27.79	190	121
3	280.27	-16.43	35.48	19.05	46.00	-26.95	242	173
4	288.04	-16.18	36.38	20.20	46.00	-25.80	155	86
5	421.73	-12.34	30.36	18.02	46.00	-27.98	216	148
6	602.05	-8.00	30.20	22.20	46.00	-23.80	250	192

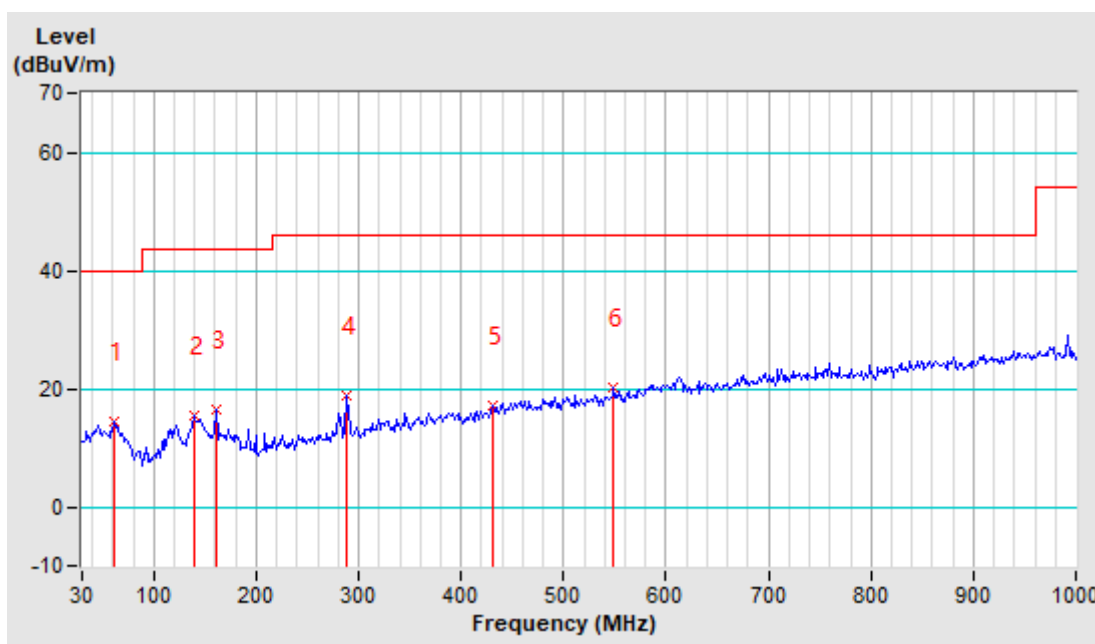
- REMARKS:**
1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
 2. Negative sign (-) in the margin column signify levels below the limit.
 3. Frequency range scanned: 30-1000MHz.
 4. Only emissions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



Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	23deg. C, 54% RH	Tested By	Neil
Test Date	2026-06-03		

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	61.09	-17.29	31.70	14.41	40.00	-25.59	171	57
2	138.81	-16.95	32.31	15.36	43.50	-28.14	155	73
3	160.58	-16.64	33.15	16.51	43.50	-26.99	111	116
4	288.04	-16.18	34.96	18.78	46.00	-27.22	130	98
5	431.06	-12.04	29.21	17.17	46.00	-28.83	193	36
6	549.20	-9.85	30.13	20.28	46.00	-25.72	222	7

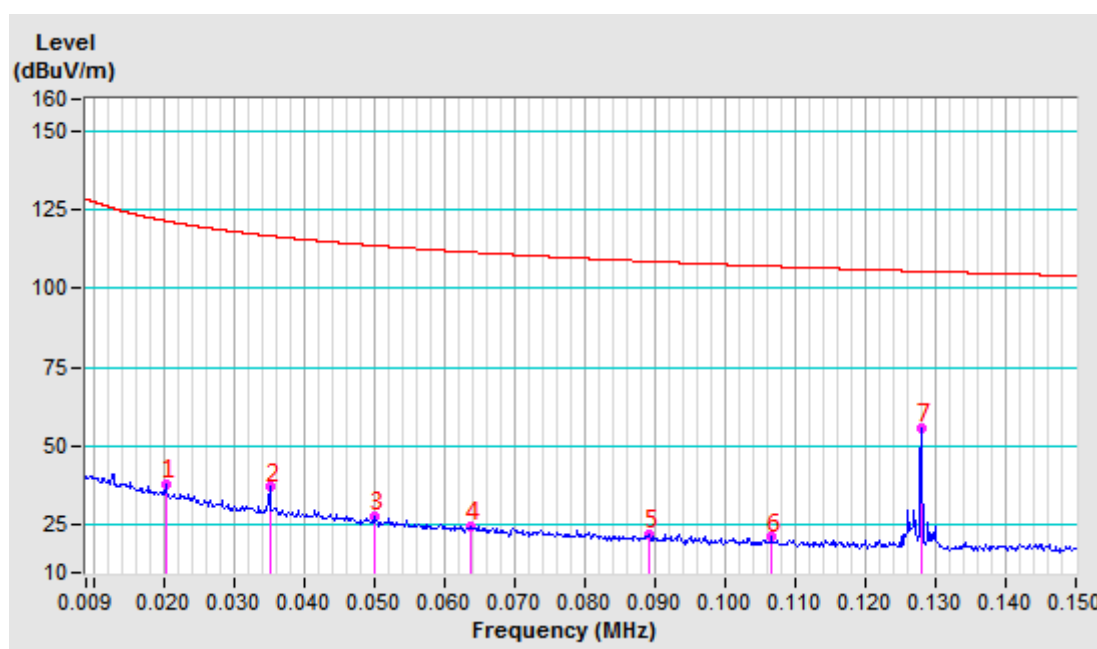
- REMARKS:**
1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
 2. Negative sign (-) in the margin column signify levels below the limit.
 3. Frequency range scanned: 30-1000MHz.
 4. Only emissions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



Charging Mode

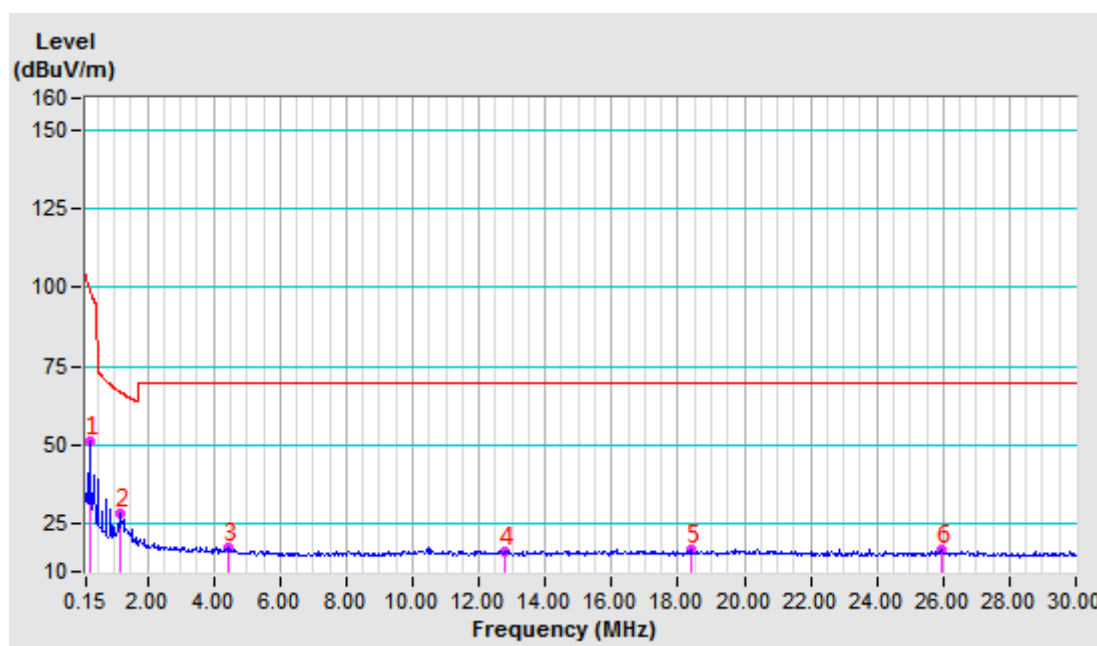
Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	27deg. C, 57% R	Tested By	Albert
Test Date	2026-05-26		

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	0.0204AV	-10.49	48.26	37.77	121.41	-83.64	130	360
2	0.0352AV	-11.25	48.29	37.04	116.67	-79.63	130	208
3	0.05AV	-11.33	39.08	27.75	113.63	-85.88	130	360
4	0.0639AV	-11.33	35.80	24.47	111.49	-87.02	130	105
5	0.0891AV	-11.34	33.51	22.17	108.61	-86.44	130	360
6	0.1067QP	-11.34	32.47	21.13	107.04	-85.91	130	240
7	0.128AV	-11.34	67.21	55.87	105.46	-49.59	130	49



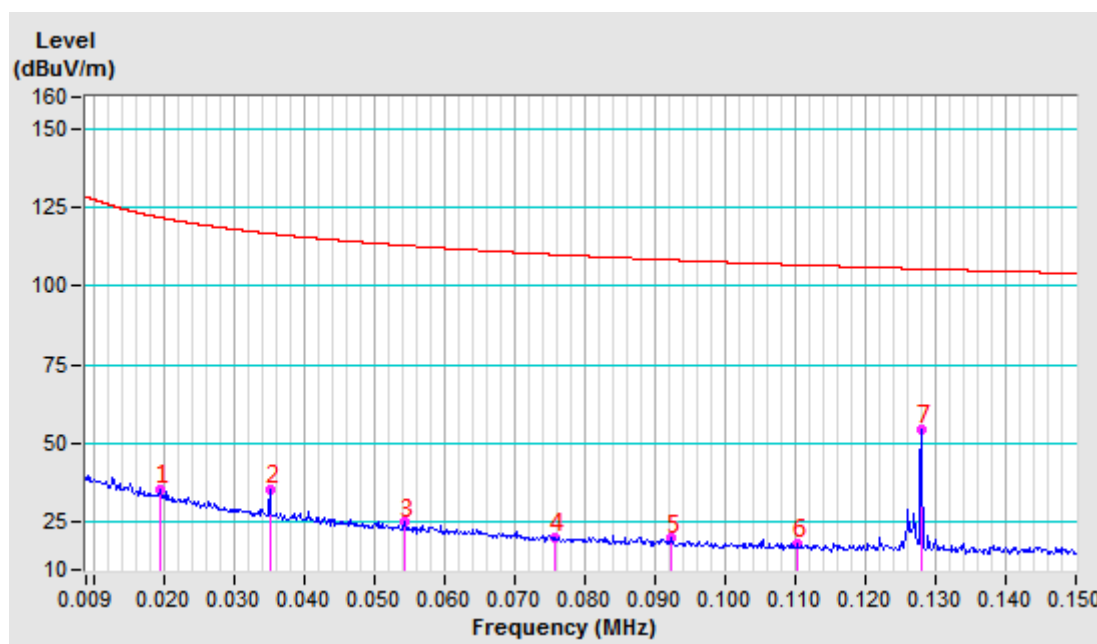
Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	27deg. C, 57% R	Tested By	Albert
Test Date	2026-05-26		

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	0.2545AV	-11.20	62.76	51.56	99.49	-47.93	130	130
2	1.1515QP	-11.58	40.15	28.57	67.06	-38.49	130	169
3	4.4322QP	-11.51	29.17	17.66	69.54	-51.88	130	53
4	12.7921QP	-11.64	28.22	16.58	69.54	-52.96	130	216
5	18.3833QP	-11.24	28.04	16.80	69.54	-52.74	130	278
6	25.9566QP	-11.14	27.92	16.78	69.54	-52.76	130	57



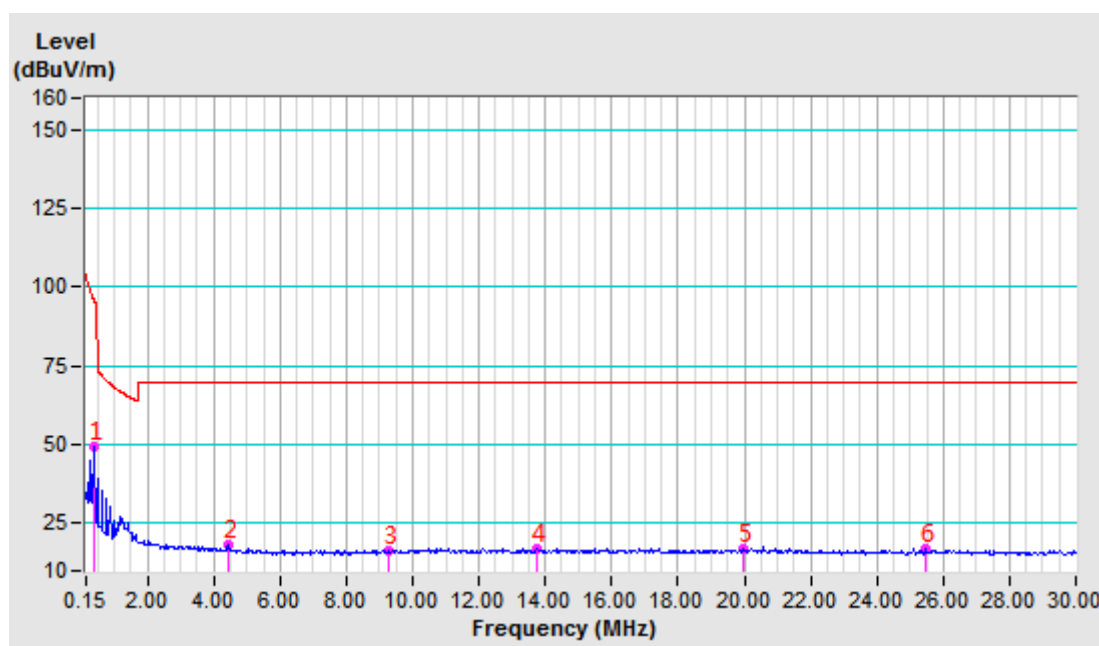
Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	27deg. C, 57% R	Tested By	Albert
Test Date	2026-05-26		

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	0.0196AV	-10.43	45.87	35.44	121.75	-86.31	130	114
2	0.0352AV	-11.25	46.79	35.54	116.67	-81.13	130	220
3	0.0544AV	-11.33	36.28	24.95	112.89	-87.94	130	5
4	0.0759AV	-11.33	31.50	20.17	110.00	-89.83	130	101
5	0.0924QP	-11.34	31.24	19.90	108.29	-88.39	130	128
6	0.1104AV	-11.34	29.45	18.11	106.74	-88.63	130	8
7	0.128AV	-11.34	65.97	54.63	105.46	-50.83	130	42



Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	27deg. C, 57% R	Tested By	Albert
Test Date	2026-05-26		

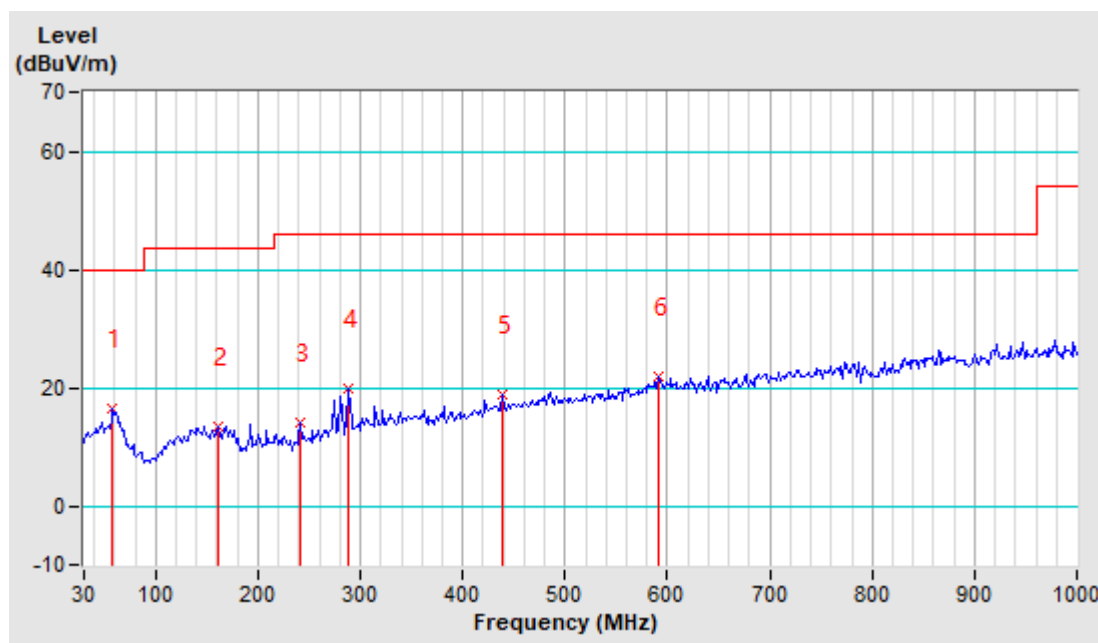
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.3828AV	-11.18	60.65	49.47	95.94	-46.47	130	149
2	4.4337QP	-11.51	29.77	18.26	69.54	-51.28	130	10
3	9.2771QP	-11.67	28.26	16.59	69.54	-52.95	130	21
4	13.7593QP	-11.67	28.57	16.90	69.54	-52.64	130	321
5	19.9475QP	-10.98	27.75	16.77	69.54	-52.77	130	130
6	25.4894QP	-11.22	28.26	17.04	69.54	-52.50	130	295



Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	23deg. C, 54% RH	Tested By	Neil
Test Date	2026-06-03		

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	57.98	-16.93	33.39	16.46	40.00	-23.54	141	82
2	160.58	-16.64	30.16	13.52	43.50	-29.98	204	20
3	241.41	-17.85	31.99	14.14	46.00	-31.86	179	44
4	288.04	-16.18	36.12	19.94	46.00	-26.06	157	66
5	438.83	-11.79	30.63	18.84	46.00	-27.16	222	3
6	591.17	-8.34	30.13	21.79	46.00	-24.21	239	0

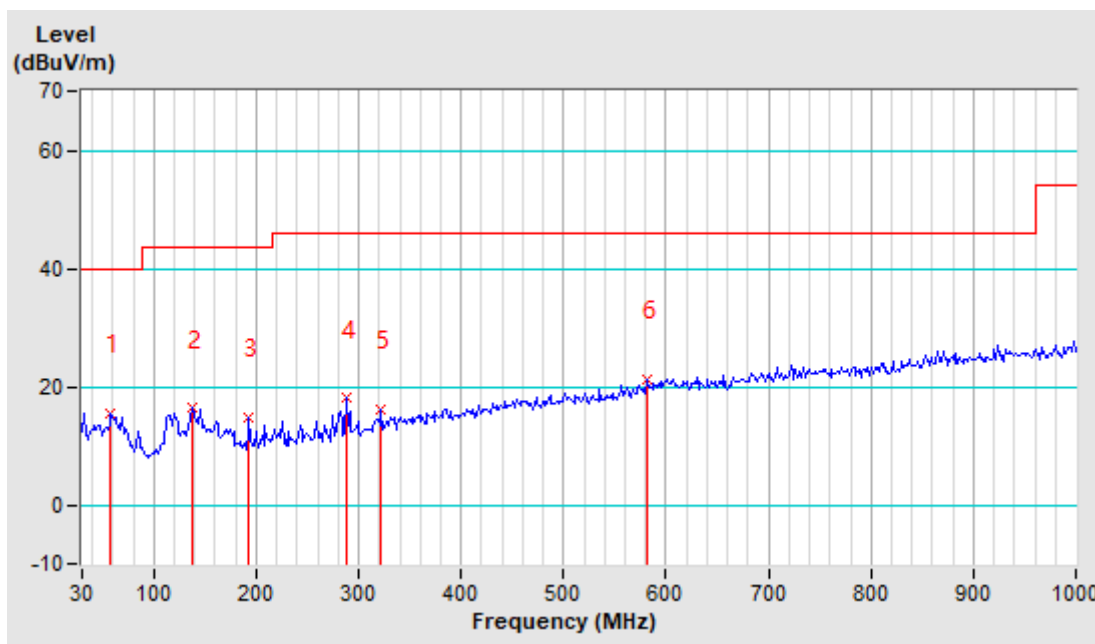
- REMARKS:**
1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
 2. Negative sign (-) in the margin column signify levels below the limit.
 3. Frequency range scanned: 30-1000MHz.
 4. Only emissions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



Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	23deg. C, 54% RH	Tested By	Neil
Test Date	2026-06-03		

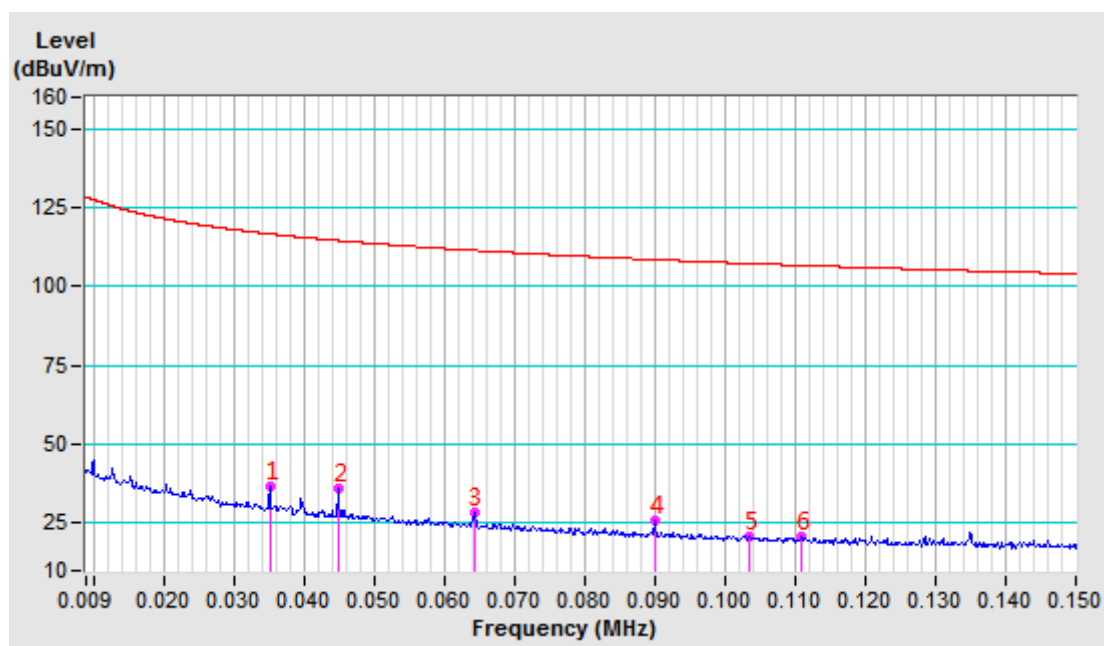
Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	57.98	-16.93	32.52	15.59	40.00	-24.41	145	245
2	137.26	-17.07	33.36	16.29	43.50	-27.21	165	266
3	193.22	-19.34	34.23	14.89	43.50	-28.61	238	338
4	288.04	-16.18	34.22	18.04	46.00	-27.96	184	284
5	322.24	-15.15	31.39	16.24	46.00	-29.76	250	359
6	581.84	-8.68	29.99	21.31	46.00	-24.69	214	314

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	DC 12V	Detector Function	QP&AV
Environmental Conditions	24deg. C, 58% R	Tested By	Roy
Test Date	2026-05-26		

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	0.0352AV	-11.25	47.79	36.54	116.67	-80.13	130	158
2	0.045AV	-11.29	47.17	35.88	114.54	-78.66	130	58
3	0.0642AV	-11.33	40.08	28.75	111.45	-82.70	130	30
4	0.09AV	-11.34	37.32	25.98	108.52	-82.54	130	27
5	0.1036QP	-11.34	32.43	21.09	107.30	-86.21	130	314
6	0.1109AV	-11.34	32.07	20.73	106.70	-85.97	130	10





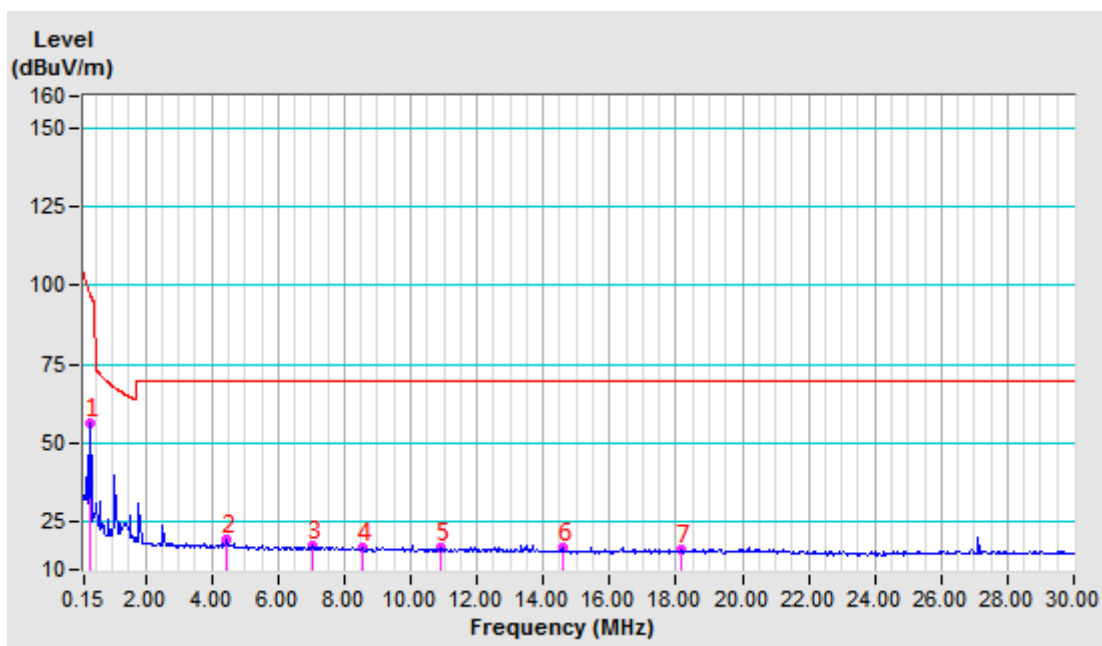
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Test Report No.: RF2605WDG0237

Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	24deg. C, 58% R	Tested By	Roy
Test Date	2026-05-26		

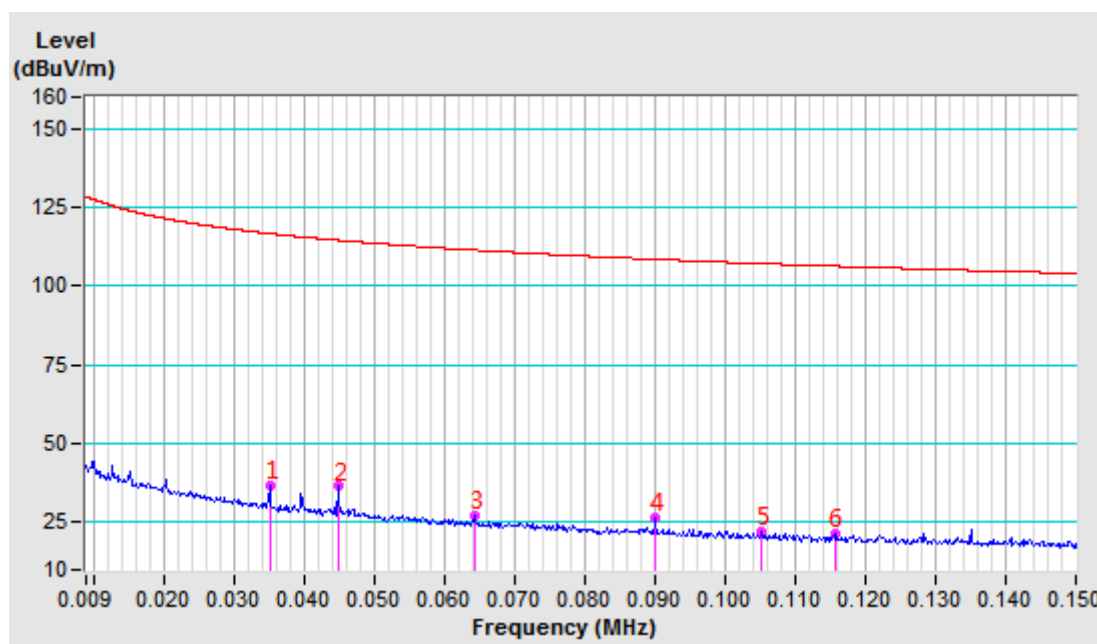
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PARALLEL AT 3m

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	0.359AV	-11.17	67.76	56.59	96.50	-39.91	130	37
2	4.4337QP	-11.51	30.99	19.48	69.54	-50.06	130	325
3	7.0248QP	-11.67	29.22	17.55	69.54	-51.99	130	262
4	8.5651QP	-11.69	28.52	16.83	69.54	-52.71	130	29
5	10.8995QP	-11.64	28.70	17.06	69.54	-52.48	130	227
6	14.5742QP	-11.64	28.43	16.79	69.54	-52.75	130	144
7	18.1415QP	-11.29	27.57	16.28	69.54	-53.26	130	71



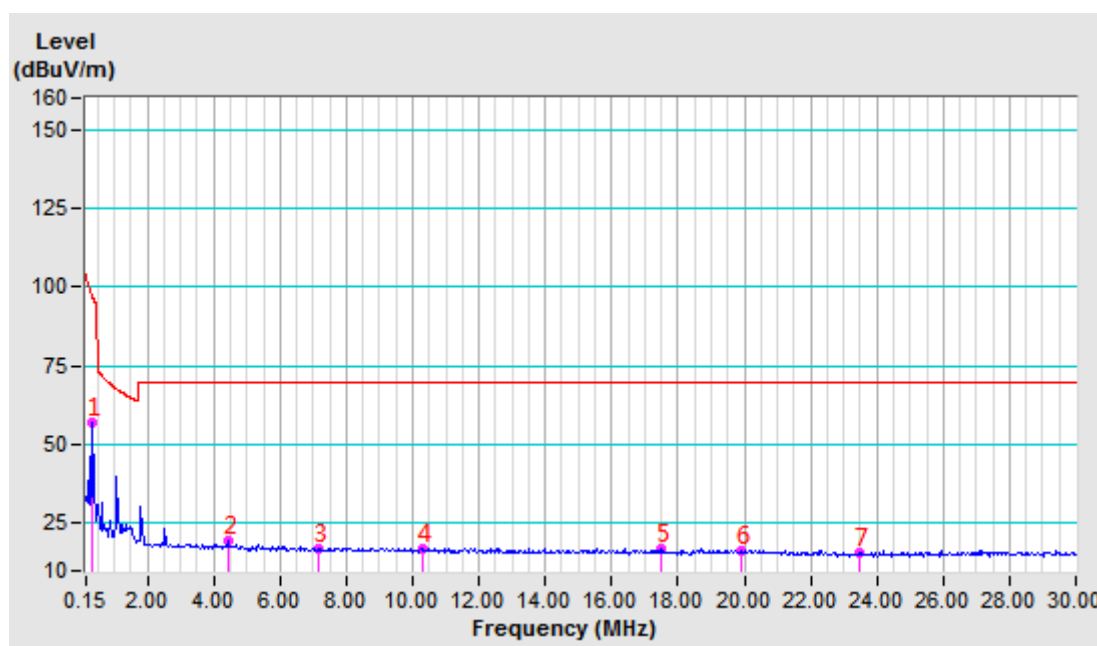
Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	24deg. C, 58% R	Tested By	Roy
Test Date	2026-05-26		

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	0.0352AV	-11.25	47.92	36.67	116.67	-80.00	130	313
2	0.045V	-11.29	47.73	36.44	114.54	-78.10	130	62
3	0.0643AV	-11.33	38.78	27.45	111.44	-83.99	130	42
4	0.09AAV	-11.34	37.90	26.56	108.52	-81.96	130	71
5	0.1053QP	-11.33	33.24	21.91	107.16	-85.25	130	125
6	0.1156AV	-11.33	32.64	21.31	106.34	-85.03	130	360



Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	24deg. C, 58% R	Tested By	Roy
Test Date	2026-05-26		

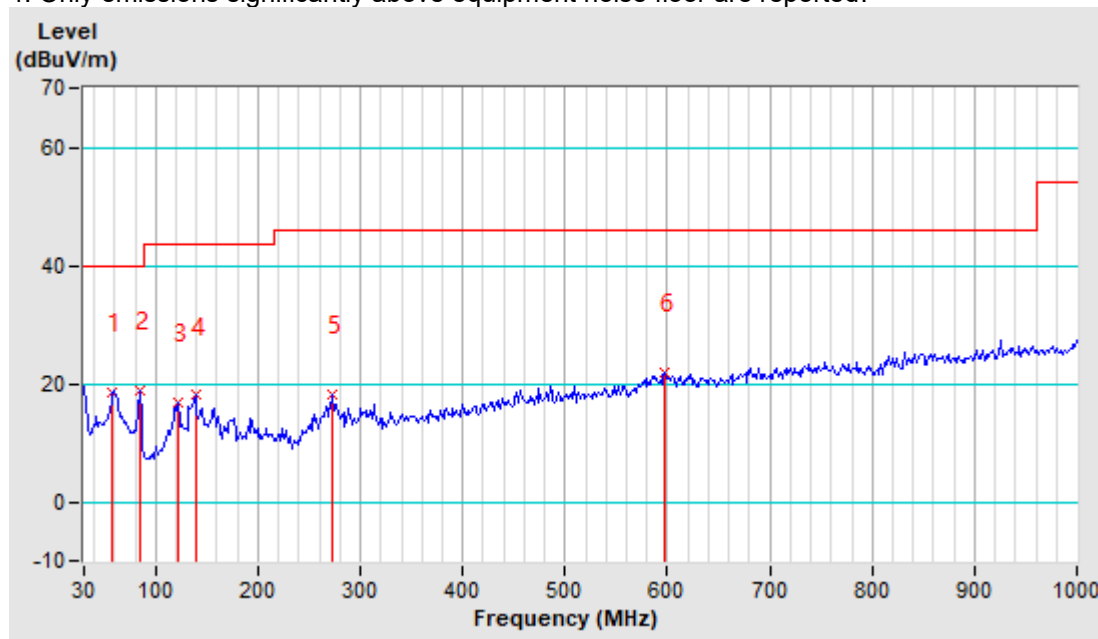
ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA PERPENDICULAR AT 3m								
No	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	0.359AV	-11.17	68.17	57.00	96.50	-39.50	130	44
2	4.4262QP	-11.51	31.10	19.59	69.54	-49.95	130	72
3	7.1293QP	-11.67	28.81	17.14	69.54	-52.40	130	360
4	10.3174QP	-11.65	28.74	17.09	69.54	-52.45	130	299
5	17.4624QP	-11.37	28.50	17.13	69.54	-52.41	130	255
6	19.9177QP	-10.98	27.57	16.59	69.54	-52.95	130	350
7	23.4595QP	-11.38	27.13	15.75	69.54	-53.79	130	15



Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	23deg. C, 54% RH	Tested By	Neil
Test Date	2026-06-03		

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	57.98	-16.93	35.40	18.47	40.00	-21.53	125	226
2	84.41	-21.21	40.01	18.80	40.00	-21.20	176	241
3	121.71	-18.46	35.27	16.81	43.50	-26.69	100	336
4	138.81	-16.95	34.95	18.00	43.50	-25.50	100	260
5	272.50	-16.70	34.91	18.21	46.00	-27.79	137	283
6	597.39	-8.11	30.10	21.99	46.00	-24.01	100	306

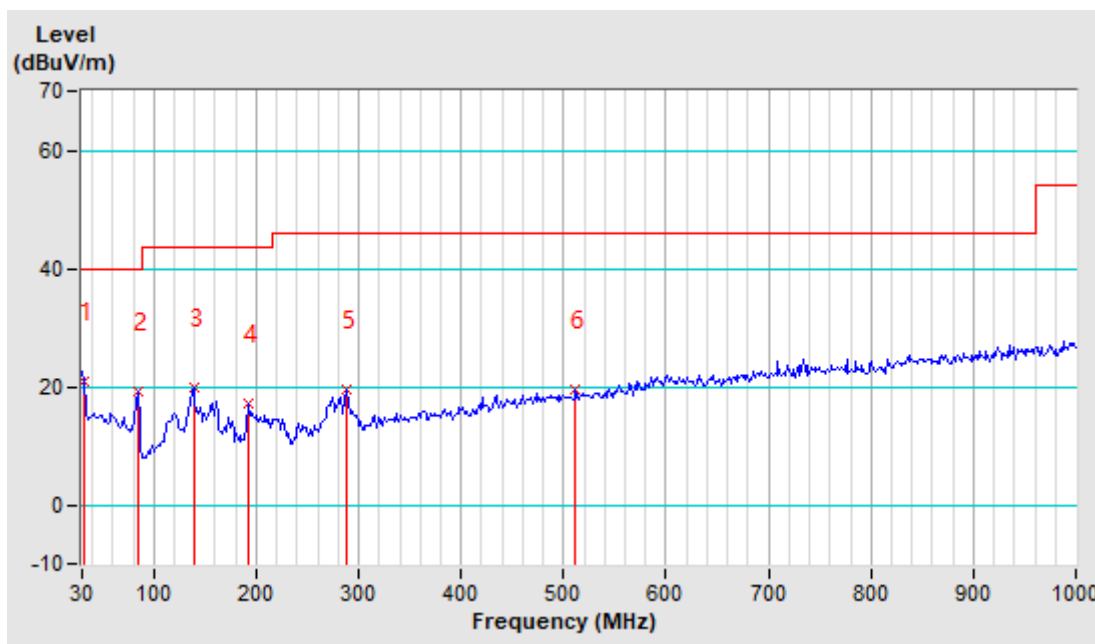
- REMARKS:**
1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
 2. Negative sign (-) in the margin column signify levels below the limit.
 3. Frequency range scanned: 30-1000MHz.
 4. Only emissions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



Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	23deg. C, 54% RH	Tested By	Neil
Test Date	2026-06-03		

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	-18.00	38.99	20.99	40.00	-19.01	116	307
2	84.41	-21.21	40.45	19.24	40.00	-20.76	137	287
3	138.81	-16.95	36.81	19.86	43.50	-23.64	156	268
4	193.22	-19.34	36.47	17.13	43.50	-26.37	180	244
5	288.04	-16.18	35.59	19.41	46.00	-26.59	200	224
6	511.89	-10.52	30.12	19.60	46.00	-26.40	230	195

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



4.2 20DB BANDWIDTH MEASUREMENT

4.2.1 LIMITS OF 20DB BANDWIDTH MEASUREMENT

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

4.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
Power Sensor	Keysight	U2021XA	MY57320002	Apr. 08, 27
Digital Multimeter	FLUKE	15B	12151063	Apr. 07, 27
Humid & Temp Programmable Tester	Haida	HD-225T	110807201	Oct. 10, 26
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101003	Oct. 09, 26
Signal Generator	Agilent	N5183A	MY50140980	Jul. 02, 27
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Jul. 02, 27
Attenuator	MINI	BW-S10W2+	S130129FGE2	Jul. 02, 27
DC Source	Rohde&Schwarz	HMP2020	101295	Apr. 07, 27
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.

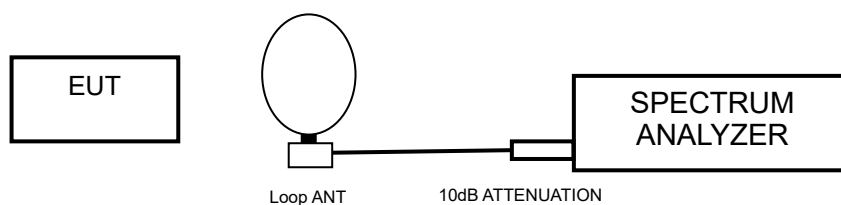
4.2.3 TEST PROCEDURE

- 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.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation.

4.2.5 TEST SETUP



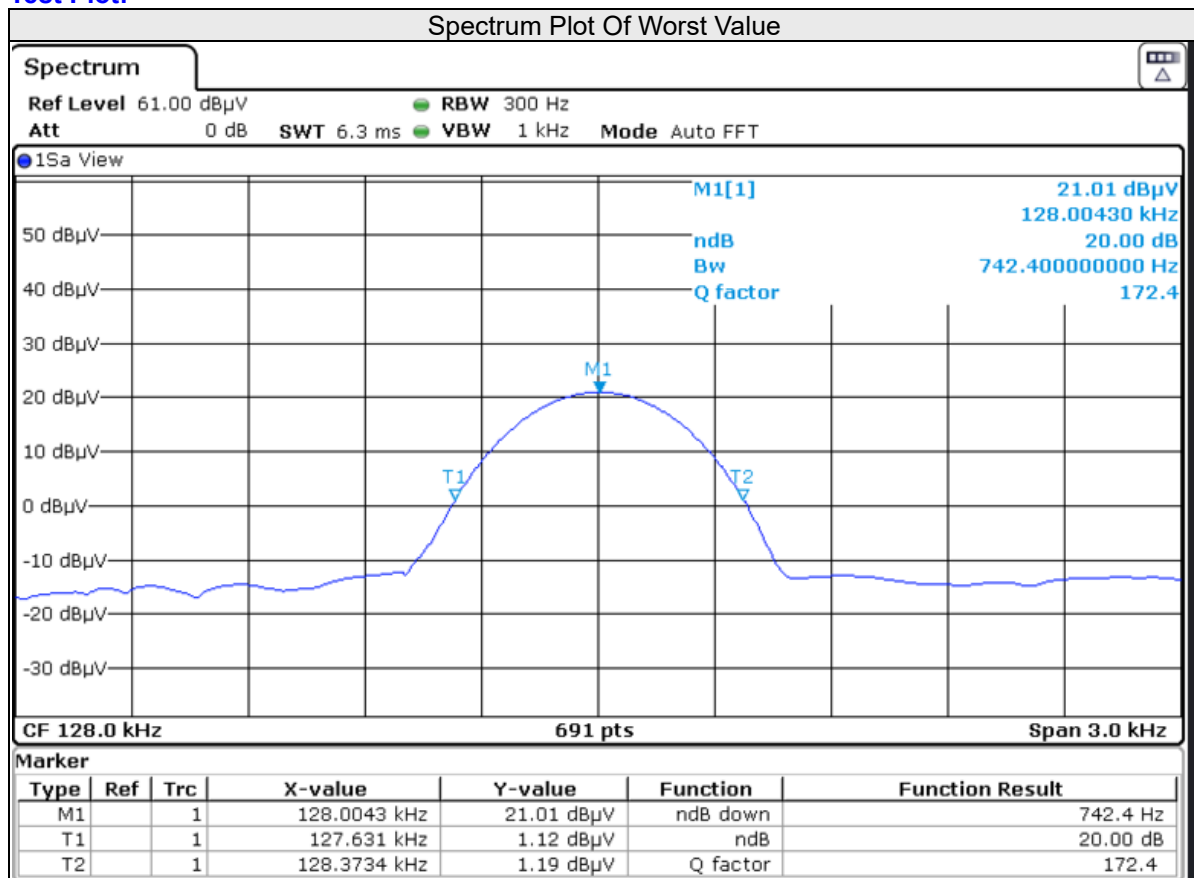
4.2.6 EUT OPERATING CONDITION

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

4.2.7 TEST RESULTS

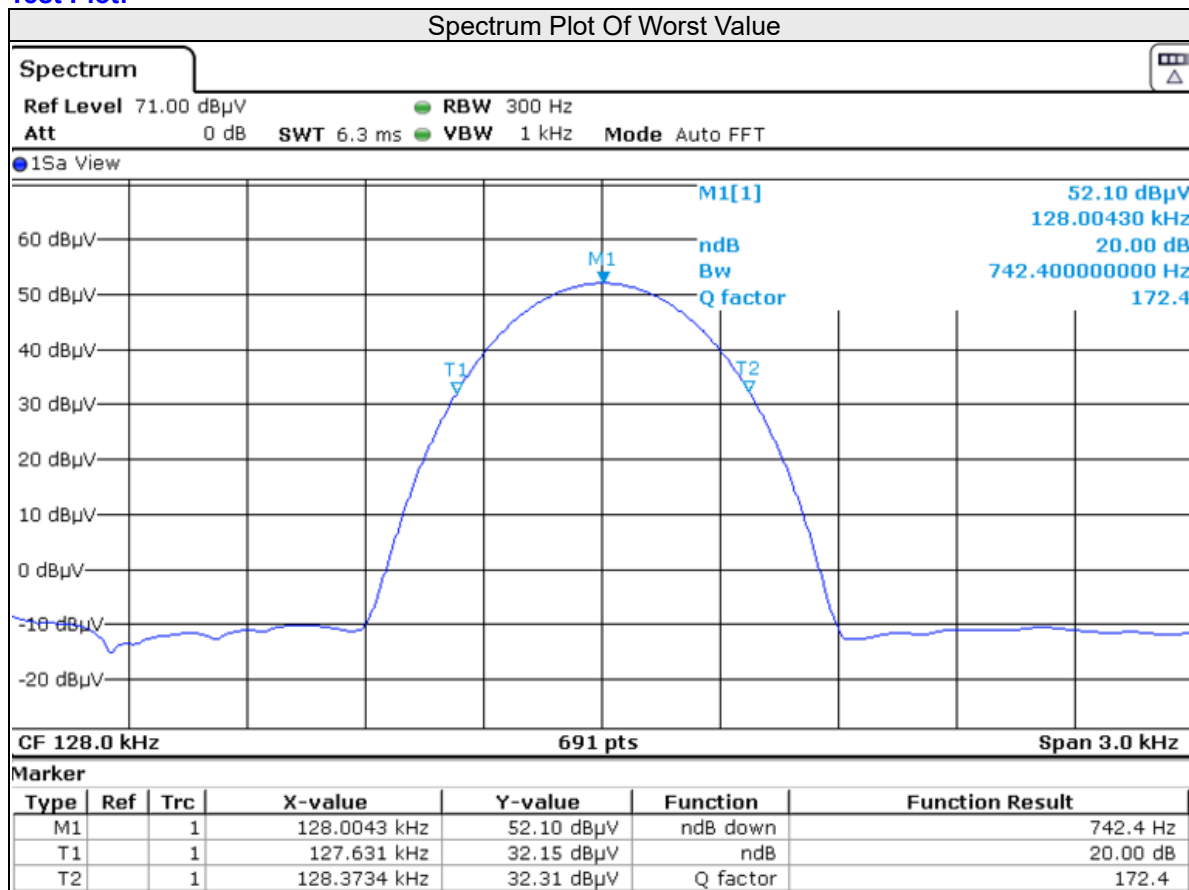
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
A	128	742.4

Test Plot:



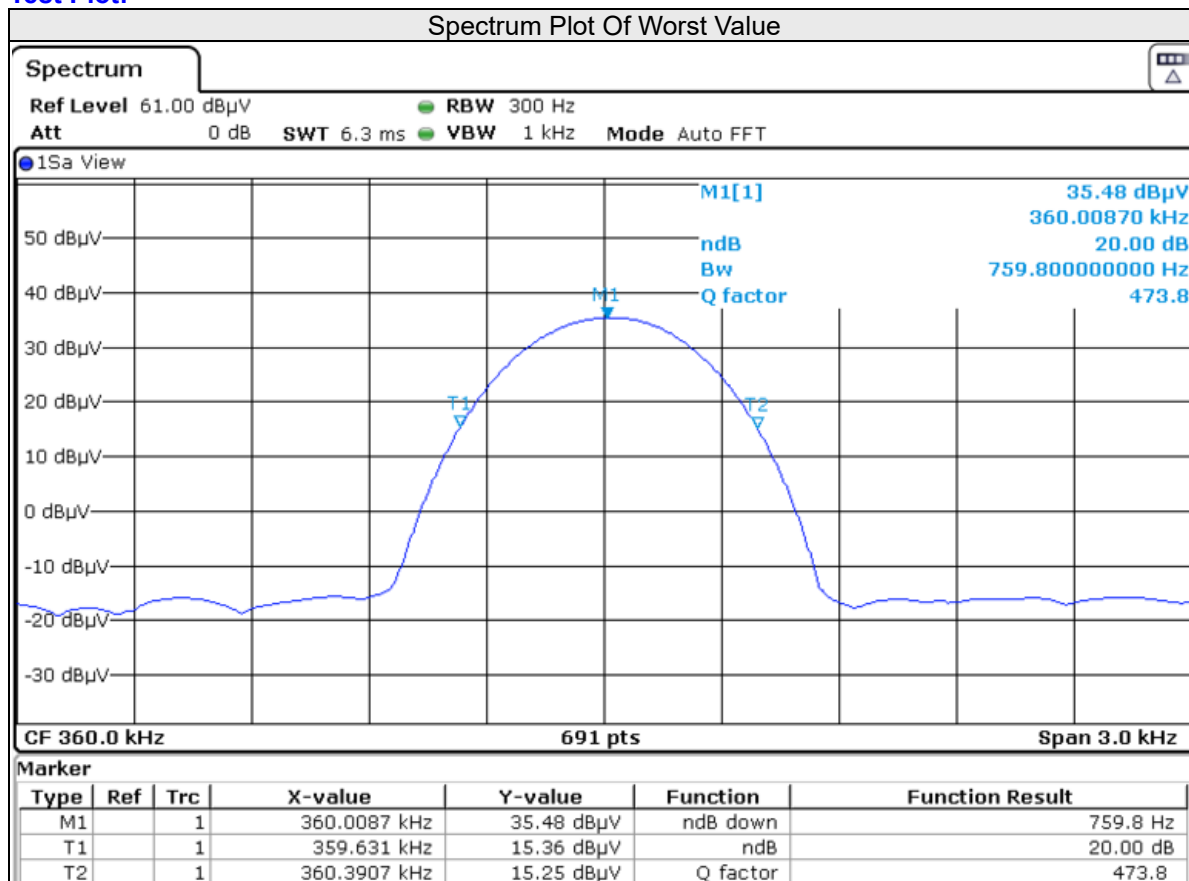
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
B	128	742.4

Test Plot:



Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
C	360	759.8

Test Plot:



5 PHOTOGRAPHS OF THE TEST CONFIGURATION

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

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

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

---END---