

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 Magnetic Charging Car Mount
Brand Name	belkin
Model	WIC010
Additional Model & Model Difference	N/A
Date of tests	Jun 17, 2025 ~ Jul. 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: Jul. 28, 2025

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

TABLE OF CONTENTS

RELEASE CONTROL RECORD	3
1 SUMMARY OF TEST RESULTS	4
2 MEASUREMENT UNCERTAINTY	4
3 GENERAL INFORMATION.....	5
3.1 GENERAL DESCRIPTION OF EUT	5
3.2 DESCRIPTION OF TEST MODES	6
3.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL	6
3.4 DESCRIPTION OF SUPPORT UNITS	7
3.5 CONFIGURATION OF SYSTEM UNDER TEST	7
3.6 GENERAL DESCRIPTION OF APPLIED STANDARDS	8
4 EMISSION TEST.....	9
4.1 ADIATED EMISSION MEASUREMENT	9
4.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT	9
4.1.2 TEST INSTRUMENTS.....	10
4.1.3 TEST PROCEDURE.....	11
4.1.4 DEVIATION FROM TEST STANDARD	11
4.1.5 TEST SETUP	12
4.1.6 EUT OPERATING CONDITIONS	12
4.1.7 TEST RESULTS	13
4.2 20DB BANDWIDTH MEASUREMENT	31
4.2.1 LIMITS OF 20DB BANDWIDTH MEASUREMENT	31
4.2.2 TEST INSTRUMENTS.....	31
4.2.3 TEST PROCEDURE.....	31
4.2.4 DEVIATION FROM TEST STANDARD	32
4.2.5 TEST SETUP	32
4.2.6 EUT OPERATING CONDITION	32
4.2.7 TEST RESULTS	33
5 PHOTOGRAPHS OF THE TEST CONFIGURATION	36
6 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB	37



Test Report No.: RF2506WDG0100

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF2506WDG0100	Original release	Jul. 28, 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
§15.207	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	2.48dB
	30MHz ~ 1GMHz	4.76 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 Magnetic Charging Car Mount
MODEL NO.	WIC010
ADDITIONAL MODE	N/A
SAMPLE STATUS	Engineering sample
FCC ID	K7SWIC010
POWER SUPPLY	DC 12V- 24V
MODULATION TYPE	FSK
OPERATING FREQUENCY RANGE	15W Qi2 Charging Coil (BPP/MPP): 111-148kHz& 360kHz
I/O PORTS	Coil Antenna
FIELD STRENGTH	75.67dBuV/m
MAXIMUM POWER OUTPUT FROM THE CHARGING COIL	Max Power is 15W
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.: 2506WDG0100) 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 16 Pro

3.3 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO			DESCRIPTION
	RE<1G	PLC	20BW	
A	√	-	√	Devices Standby
B	√	-	√	iPhone 11 Pro
C	√	-	√	iPhone 16 Pro

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	22 °C, 57% RH/26 °C, 58% RH	DC 12V	Albert/Zeke
20BW	24 °C, 58% 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 16 Pro (1#)	Apple	A3083 (MYM93LL/A)	HY9H79YM6Y	N/A	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
Car charger DC Line*1 (optional)	3.0	N	BV Lab.
USB-C to USB-C cable (optional)	1.0	Y	Belkin International Inc. / HKU1015PBB
USB-C to USB-C cable(optional)	1.0	Y	-

3.5 CONFIGURATION OF SYSTEM UNDER TEST

Mode A:				
12V/ 24V Battery	DC Line	Car Charger	USB-C Cable	15W Pad
Mode B:				
12V/ 24V Battery	DC Line	Car Charger	USB-C Cable	iPhone 11 Pro 15W Pad
Mode C:				
12V/ 24V Battery	DC Line	Car Charger	USB-C Cable	iPhone 16 Pro 15W Pad



**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

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 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	Nov. 28, 25
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	1519B-045	Apr. 13, 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.

4.1.3 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:

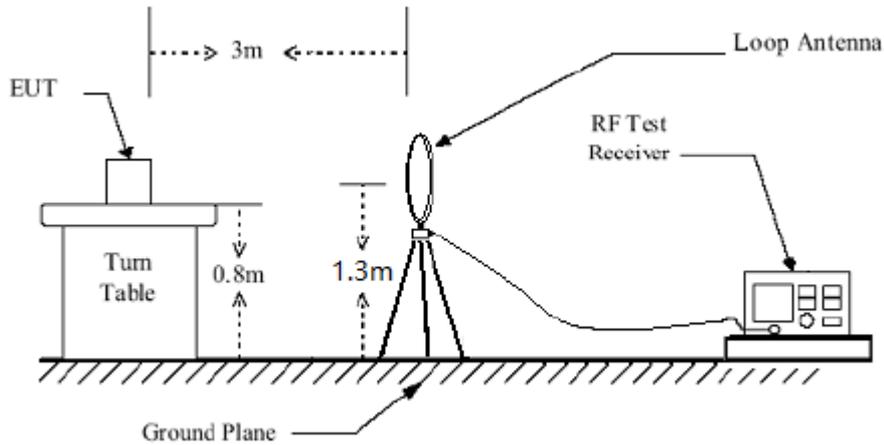
1. The resolution bandwidth of test receiver/spectrum analyzer is 200Hz for Quasi-peak detection (QP/AV) at fundamental frequency 9K-150KHz;
2. The resolution bandwidth of test receiver/spectrum analyzer is 9KHz for Quasi-peak detection (QP/AV) at fundamental frequency 150K-30MHz;
3. The resolution bandwidth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

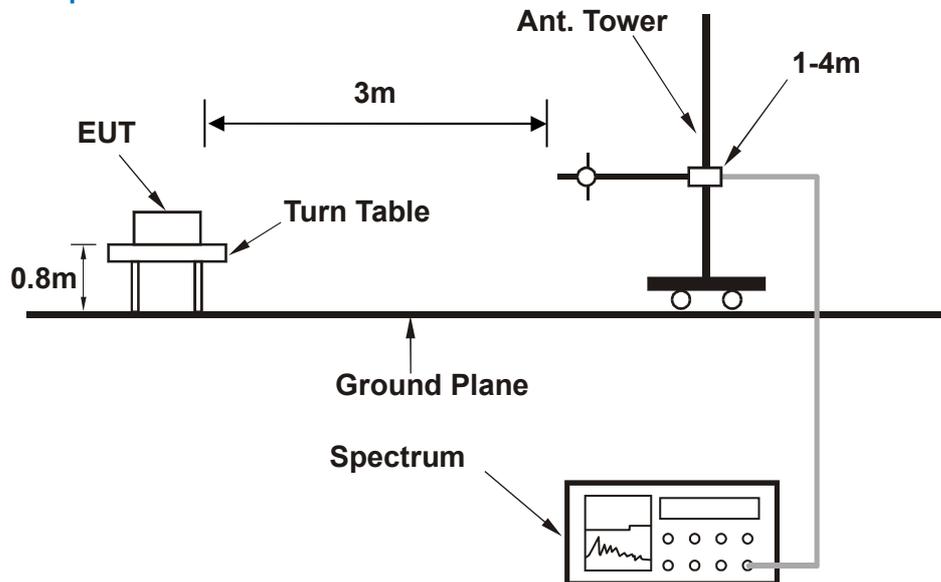
No deviation.

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

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



**BUREAU
VERITAS**

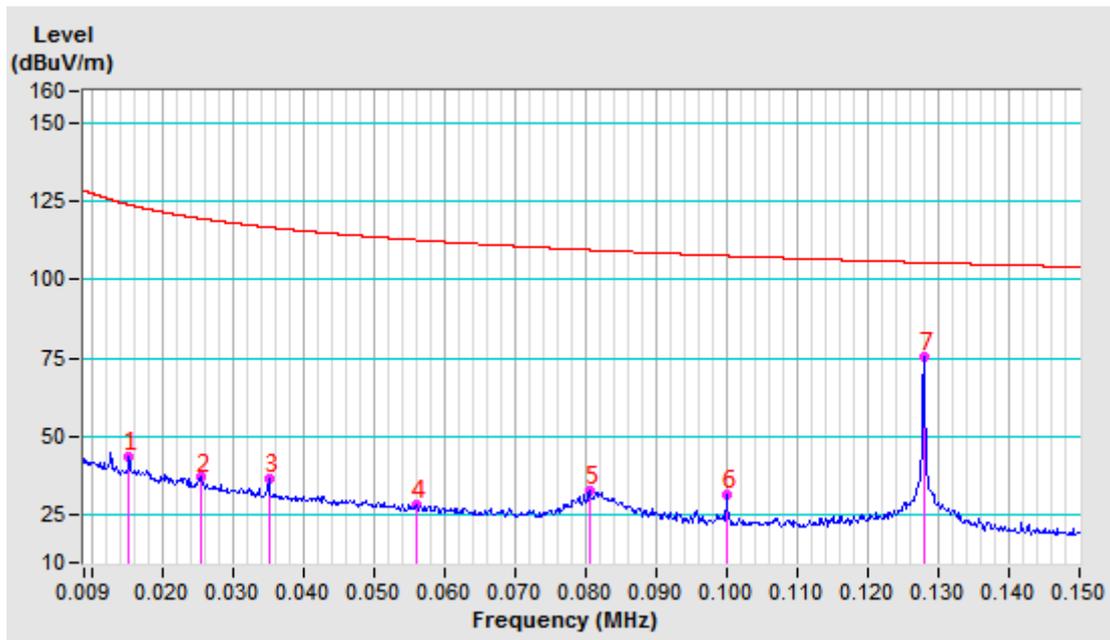
Test Report No.: RF2506WDG0100

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	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	0.0153AV	-10.45	54.43	43.98	123.89	-79.91	130	105
2	0.0255AV	-11.08	48.10	37.02	119.46	-82.44	130	313
3	0.0352AV	-11.37	48.35	36.98	116.67	-79.69	130	283
4	0.0562AV	-11.42	40.13	28.71	112.60	-83.89	130	55
5	0.0806AV	-11.50	44.64	33.14	109.47	-76.33	130	351
6	0.1000QP	-11.56	43.14	31.58	107.60	-76.02	130	192
7	0.1280AV	-11.47	87.14	75.67	105.46	-29.79	130	358





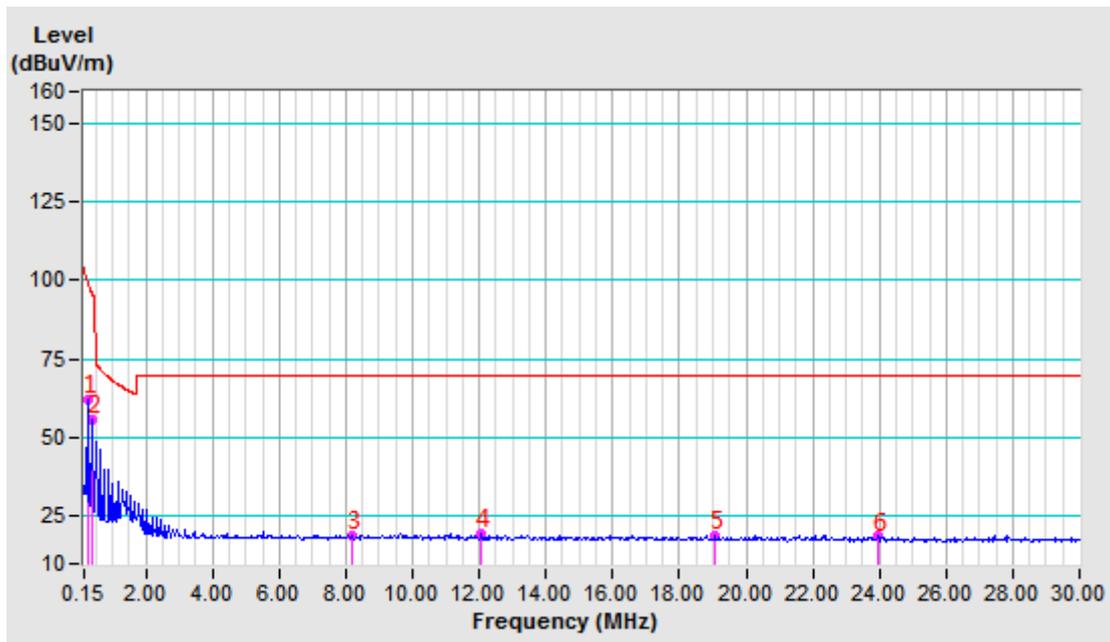
**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	-11.43	73.40	61.97	99.49	-37.52	130	12
2	0.3828AV	-11.43	67.06	55.63	95.94	-40.31	130	0
3	8.1711QP	-10.80	29.70	18.90	69.54	-50.64	130	215
4	12.0488QP	-10.82	30.24	19.42	69.54	-50.12	130	187
5	19.0848QP	-10.42	29.29	18.87	69.54	-50.67	130	19
6	23.9521QP	-10.21	28.82	18.61	69.54	-50.93	130	4



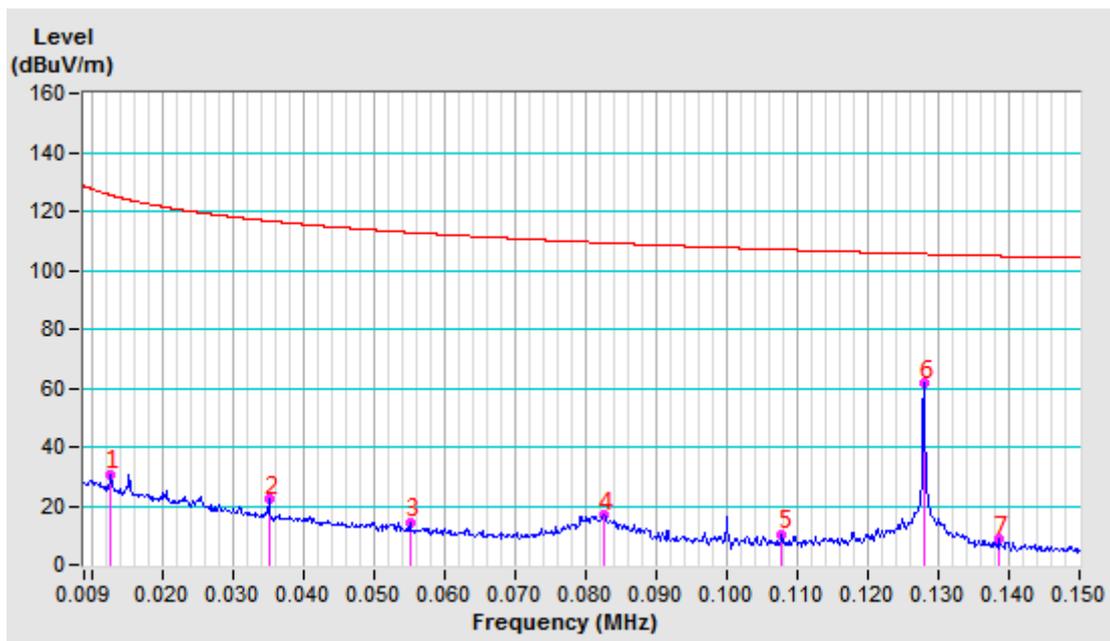


**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	A	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	-10.29	41.08	30.79	125.47	-94.68	130	238
2	0.0352AV	-11.37	33.74	22.37	116.67	-94.30	130	316
3	0.0551AV	-11.41	25.80	14.39	112.78	-98.39	130	351
4	0.0826AV	-11.51	28.27	16.76	109.26	-92.50	130	324
5	0.1079QP	-11.54	22.03	10.49	106.94	-96.45	130	340
6	0.1280AV	-11.47	73.01	61.54	105.46	-43.92	130	356
7	0.1387AV	-11.43	19.98	8.55	104.76	-96.21	130	360



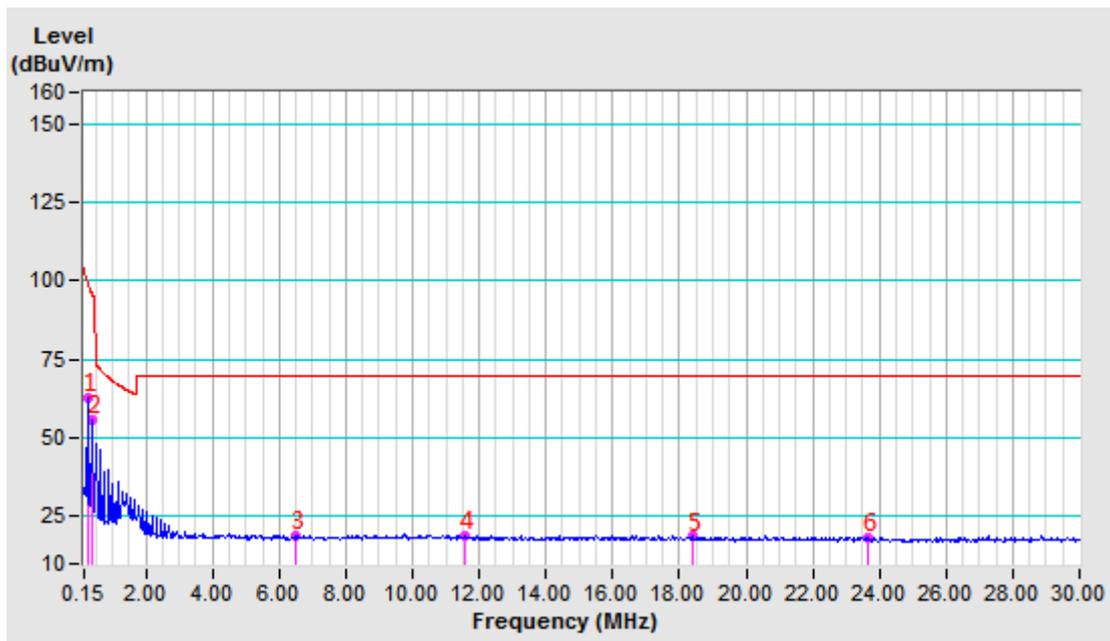


**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	A	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	0.2545AV	-11.43	74.21	62.78	99.49	-36.71	130	354
2	0.3828AV	-11.43	67.05	55.62	95.94	-40.32	130	348
3	6.4755QP	-11.00	29.86	18.86	69.54	-50.68	130	146
4	11.5622QP	-10.79	29.82	19.03	69.54	-50.51	130	16
5	18.3743QP	-10.41	29.03	18.62	69.54	-50.92	130	292
6	23.6282QP	-10.24	28.80	18.56	69.54	-50.98	130	261

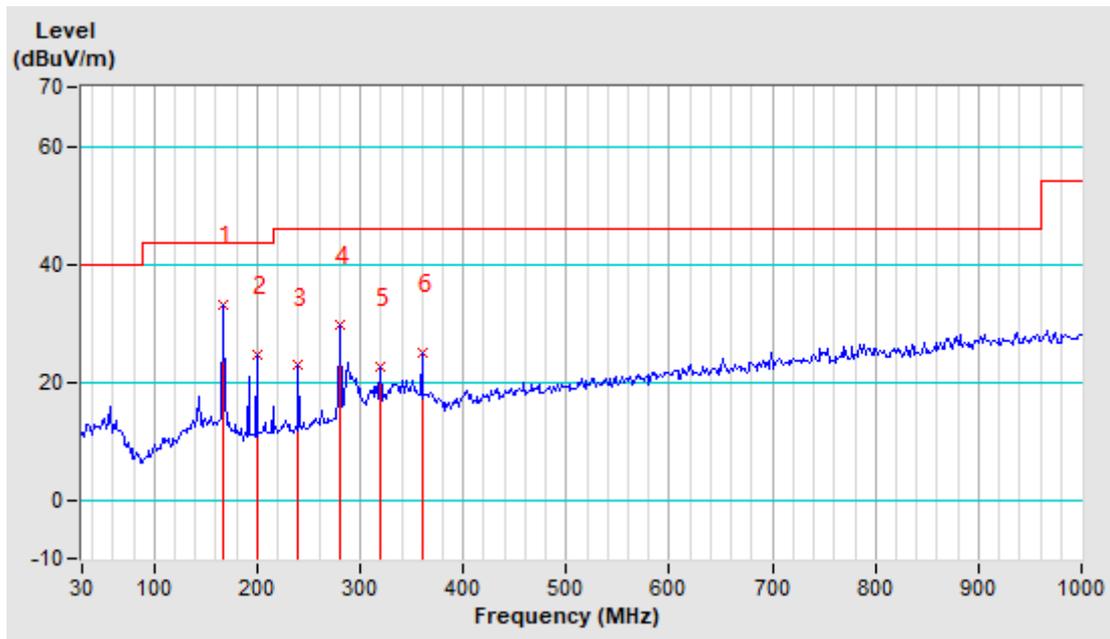




Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	26deg. C, 58% RH	Tested By	Zeke
Test Date	2025-06-18		

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	166.79	-17.12	50.28	33.16	43.50	-10.34	111	324
2	199.44	-19.75	44.25	24.50	43.50	-19.00	128	307
3	239.86	-17.78	40.54	22.76	46.00	-23.24	150	285
4	280.27	-16.00	45.70	29.70	46.00	-16.30	167	268
5	319.13	-14.79	37.45	22.66	46.00	-23.34	199	232
6	359.55	-13.84	38.90	25.06	46.00	-20.94	186	249

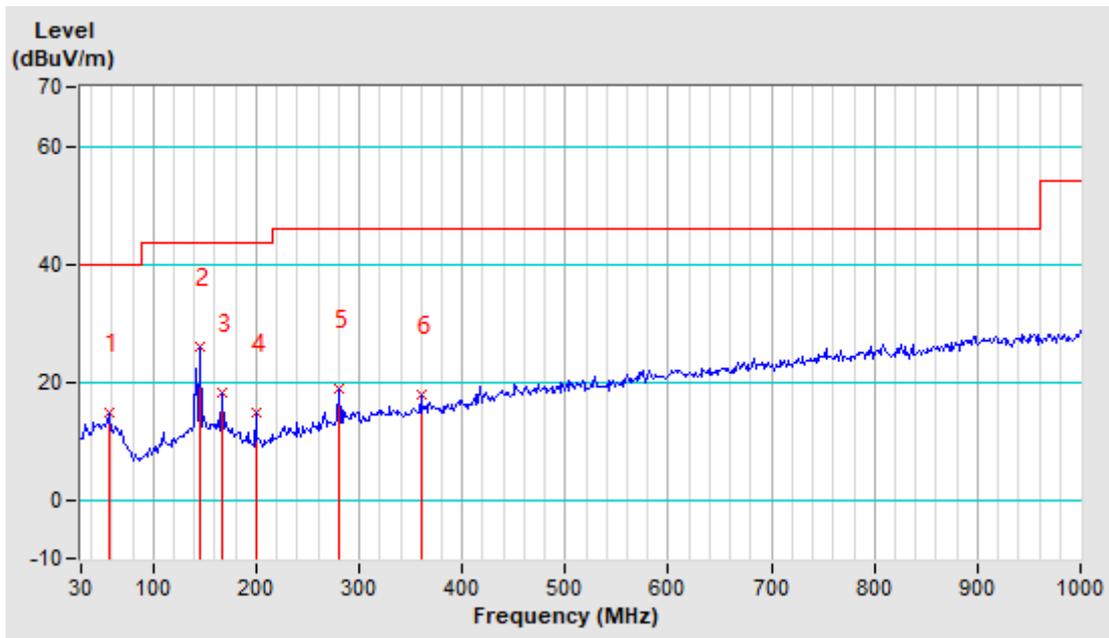
- REMARKS:**
1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
 2. Negative sign (-) in the margin column signify levels below the limit.
 3. Frequency range scanned: 30-1000MHz.
 4. Only emissions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



Test Mode	A	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	26deg. C, 58% RH	Tested By	Zeke
Test Date	2025-06-18		

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	56.43	-17.55	32.46	14.91	40.00	-25.09	114	319
2	145.03	-16.78	42.85	26.07	43.50	-17.43	136	297
3	166.79	-17.12	35.28	18.16	43.50	-25.34	153	280
4	199.44	-19.75	34.61	14.86	43.50	-28.64	172	262
5	280.27	-16.00	34.82	18.82	46.00	-27.18	199	226
6	359.55	-13.84	31.63	17.79	46.00	-28.21	200	203

- 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.





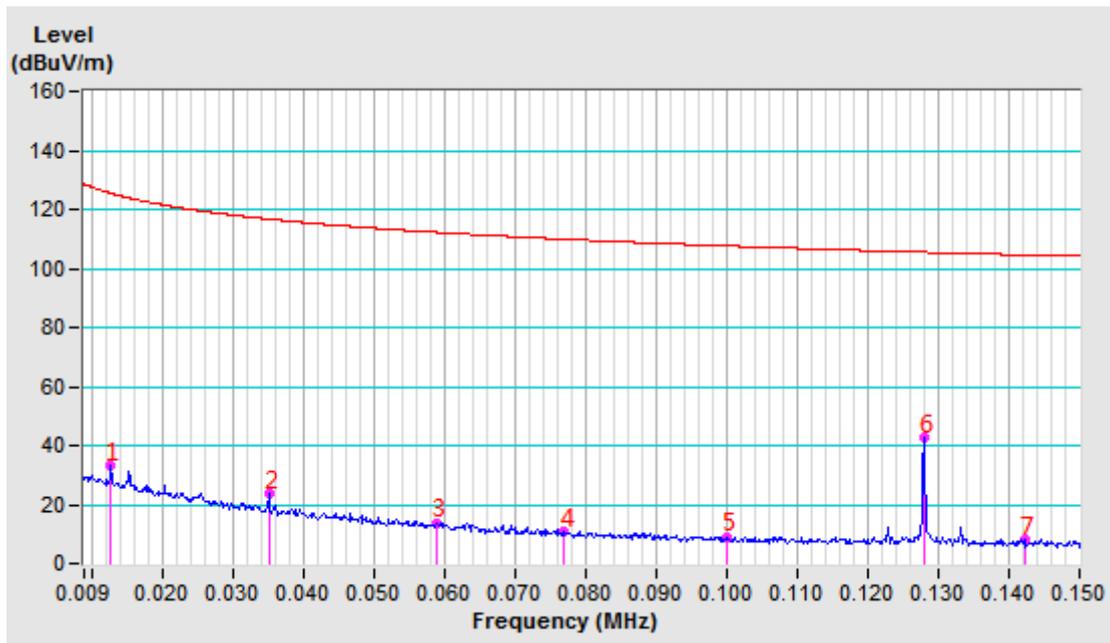
**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Charging Mode

Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	-10.29	43.30	33.01	125.47	-92.46	130	314
2	0.0352AV	-11.37	34.86	23.49	116.67	-93.18	130	340
3	0.0589AV	-11.42	25.18	13.76	112.20	-98.44	130	327
4	0.0771AV	-11.49	22.42	10.93	109.86	-98.93	130	322
5	0.1000QP	-11.56	20.71	9.15	107.60	-98.45	130	341
6	0.1280AV	-11.47	54.13	42.66	105.46	-62.80	130	84
7	0.1423AV	-11.42	19.44	8.02	104.54	-96.52	130	265



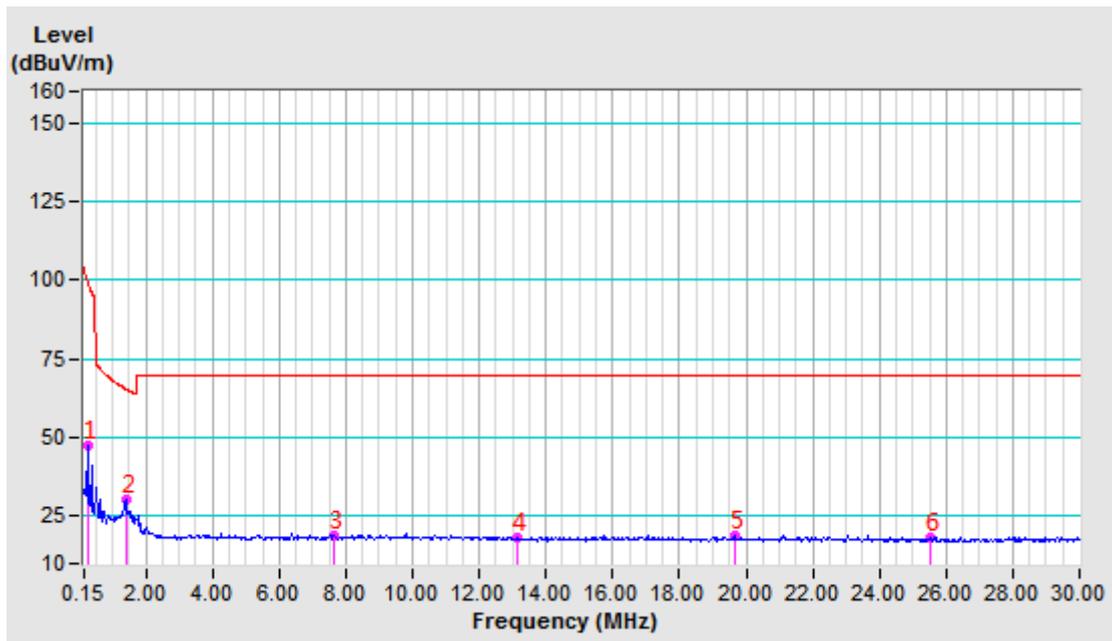


**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	-11.43	59.03	47.60	99.49	-51.89	130	60
2	1.3888QP	-11.54	41.79	30.25	65.59	-35.34	130	2
3	7.6427QP	-10.87	29.90	19.03	69.54	-50.51	130	194
4	13.1235QP	-10.72	29.14	18.42	69.54	-51.12	130	101
5	19.6535QP	-10.44	29.20	18.76	69.54	-50.78	130	136
6	25.5148QP	-10.25	28.59	18.34	69.54	-51.20	130	194



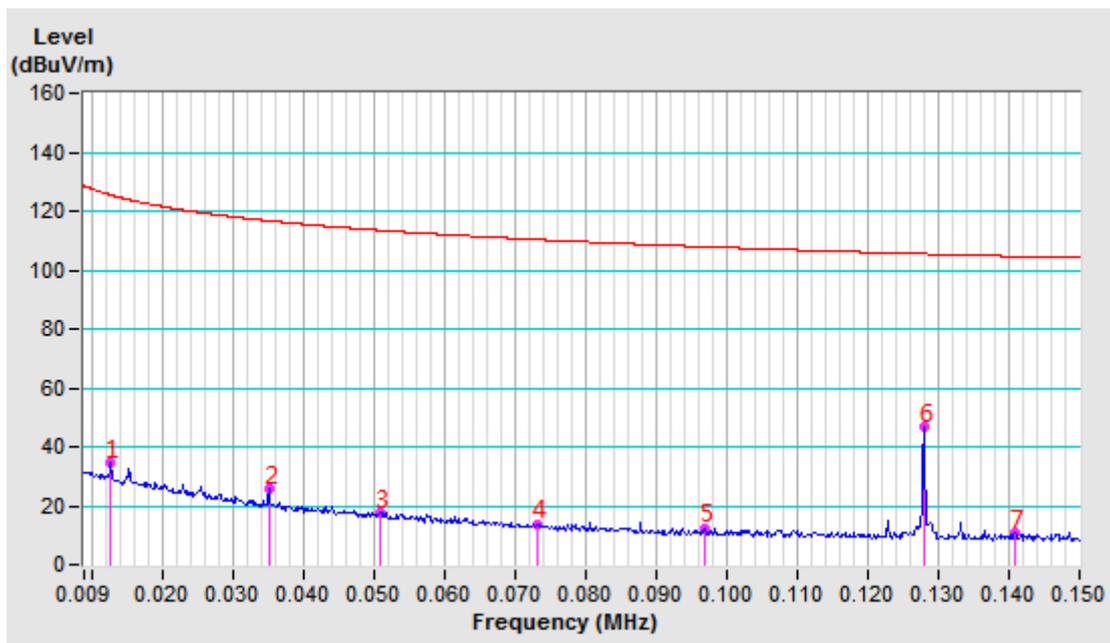


**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	B	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	-10.29	44.93	34.64	125.44	-90.80	130	62
2	0.0352AV	-11.37	36.94	25.57	116.67	-91.10	130	235
3	0.0509AV	-11.41	28.99	17.58	113.46	-95.88	130	217
4	0.0731AV	-11.48	25.32	13.84	110.32	-96.48	130	360
5	0.0970QP	-11.55	24.01	12.46	107.86	-95.40	130	11
6	0.1280AV	-11.47	57.95	46.48	105.46	-58.98	130	83
7	0.1408AV	-11.42	22.34	10.92	104.63	-93.71	130	62



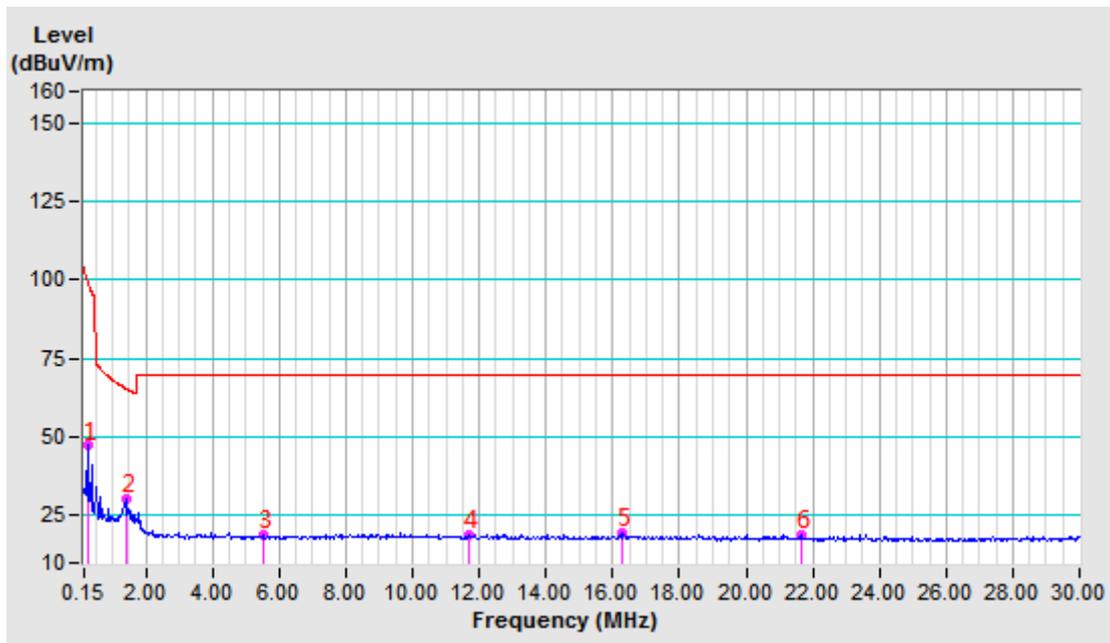


**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	B	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	0.2545AV	-11.43	58.65	47.22	99.49	-52.27	130	88
2	1.3888QP	-11.54	41.77	30.23	65.59	-35.36	130	87
3	5.5352QP	-11.08	30.14	19.06	69.54	-50.48	130	358
4	11.6921QP	-10.80	29.99	19.19	69.54	-50.35	130	178
5	16.2743QP	-10.52	30.35	19.83	69.54	-49.71	130	302
6	21.6476QP	-10.36	29.22	18.86	69.54	-50.68	130	229

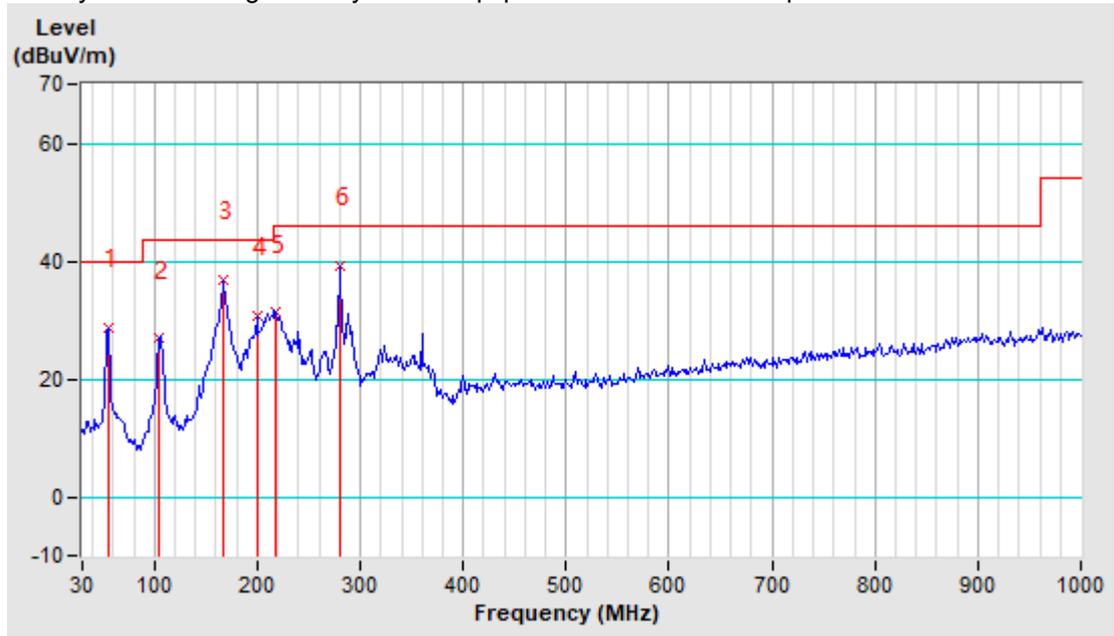




Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	26deg. C, 58% RH	Tested By	Zeke
Test Date	2025-06-18		

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	54.87	-17.46	46.13	28.67	40.00	-11.33	112	322
2	104.62	-21.09	47.89	26.80	43.50	-16.70	131	304
3	166.79	-17.12	53.82	36.70	43.50	-6.80	149	286
4	199.44	-19.75	50.56	30.81	43.50	-12.69	172	263
5	218.09	-18.87	50.13	31.26	46.00	-14.74	200	220
6	280.27	-16.00	55.23	39.23	46.00	-6.77	189	246

- 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.

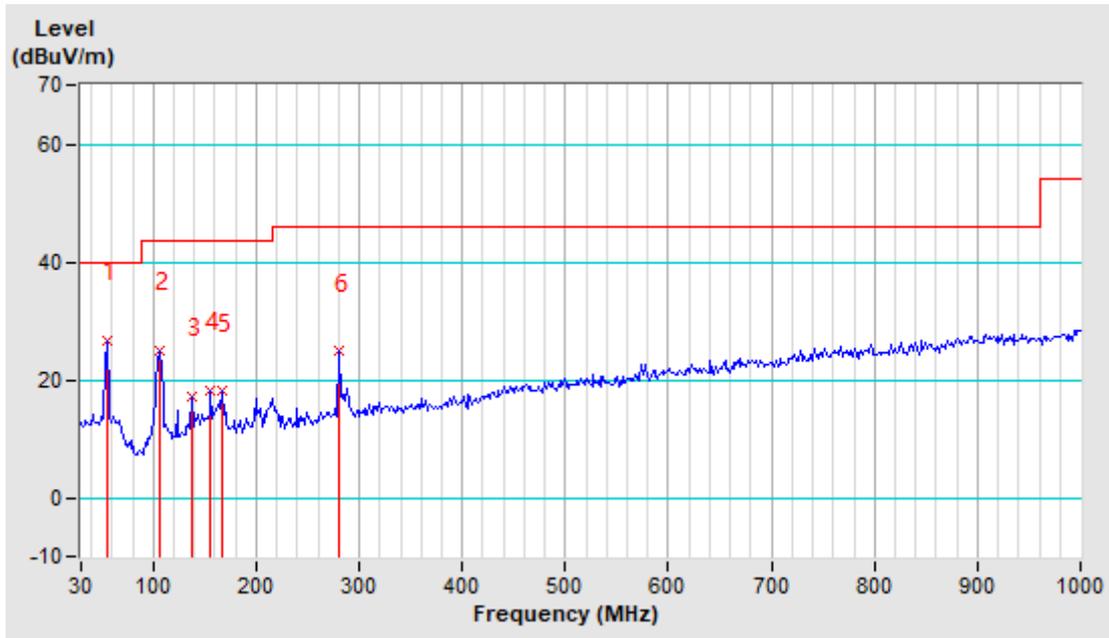




Test Mode	B	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	26deg. C, 58% RH	Tested By	Zeke
Test Date	2025-06-18		

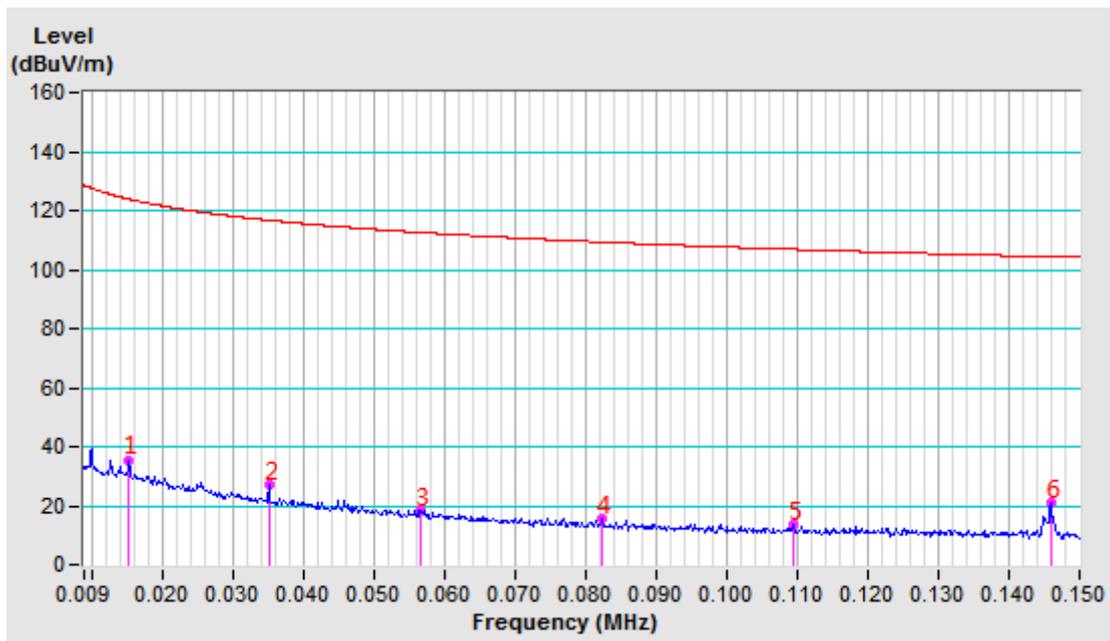
Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	54.87	-17.46	44.00	26.54	40.00	-13.46	113	319
2	106.17	-20.92	45.78	24.86	43.50	-18.64	131	301
3	137.26	-17.45	34.61	17.16	43.50	-26.34	165	267
4	155.91	-16.60	34.90	18.30	43.50	-25.20	149	284
5	166.79	-17.12	35.13	18.01	43.50	-25.49	200	224
6	280.27	-16.00	40.77	24.77	46.00	-21.23	185	248

- 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	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	0.0154AV	-10.45	45.81	35.36	123.86	-88.50	130	126
2	0.0352AV	-11.37	38.48	27.11	116.66	-89.55	130	28
3	0.0567AV	-11.42	29.43	18.01	112.53	-94.52	130	172
4	0.0824AV	-11.50	26.77	15.27	109.28	-94.01	130	17
5	0.1094QP	-11.54	25.01	13.47	106.82	-93.35	130	76
6	0.1459AV	-11.41	32.22	20.81	104.32	-83.51	130	158





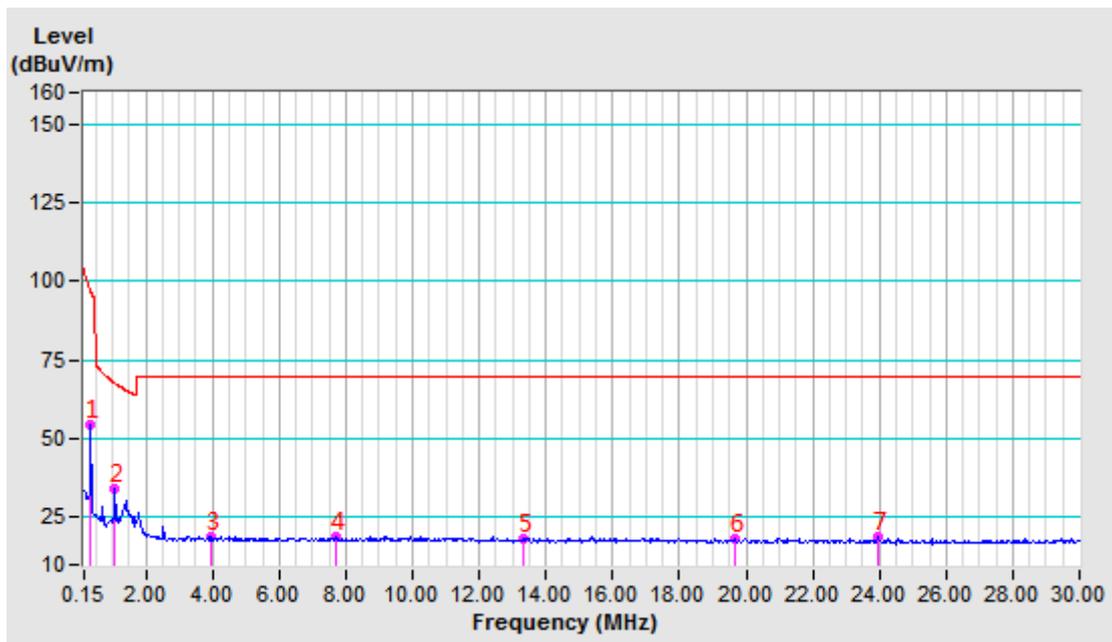
**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	0.3590AV	-11.41	65.91	54.50	96.50	-42.00	130	210
2	1.0799QP	-11.53	45.82	34.29	67.57	-33.28	130	201
3	3.9635QP	-11.23	29.97	18.74	69.54	-50.80	130	226
4	7.7144QP	-10.86	29.88	19.02	69.54	-50.52	130	201
5	13.2951QP	-10.70	29.25	18.55	69.54	-50.99	130	181
6	19.6699QP	-10.44	28.70	18.26	69.54	-51.28	130	290
7	23.9581QP	-10.21	29.06	18.85	69.54	-50.69	130	132



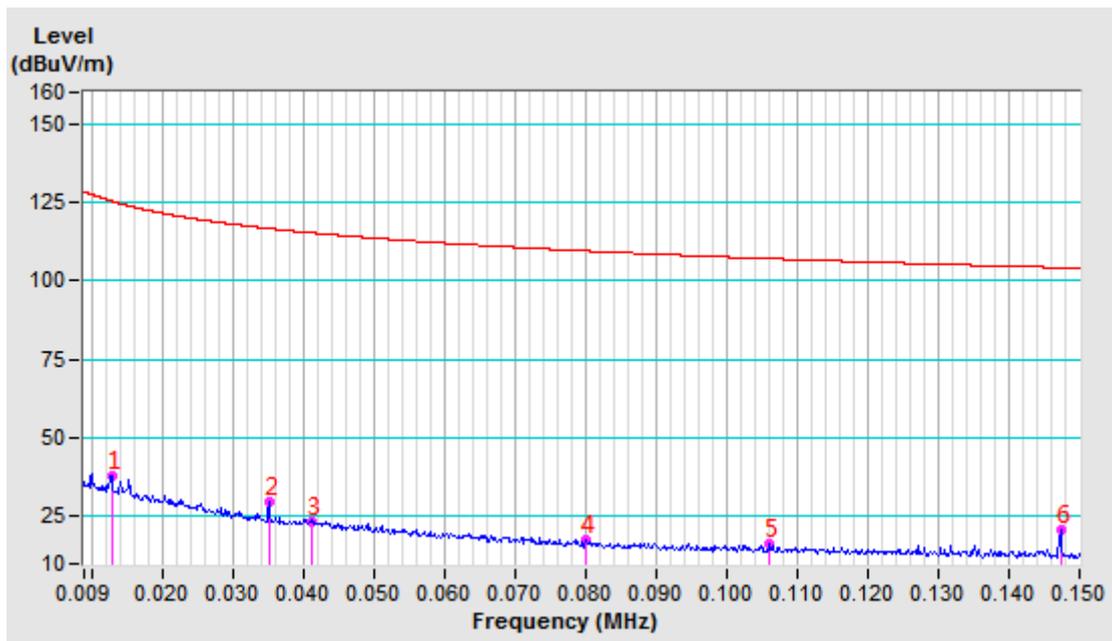


**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	C	Frequency Range	9 kHz ~ 150 KHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	0.0129AV	-10.30	48.54	38.24	125.42	-87.18	130	149
2	0.0352AV	-11.37	41.35	29.98	116.67	-86.69	130	272
3	0.0413AV	-11.38	34.91	23.53	115.29	-91.76	130	360
4	0.0800AV	-11.50	29.10	17.60	109.54	-91.94	130	104
5	0.1061QP	-11.54	28.03	16.49	107.09	-90.60	130	308
6	0.1473AV	-11.41	32.51	21.10	104.24	-83.14	130	152



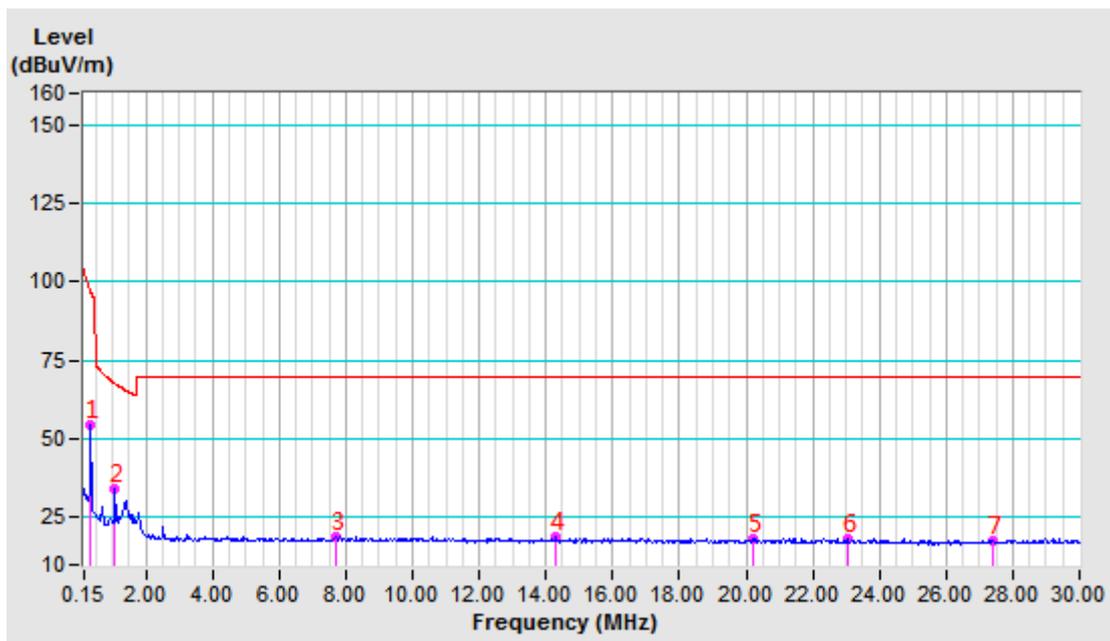


**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	C	Frequency Range	150 kHz ~ 30 MHz
Test Voltage	DC 12V	Detector Function	QP&AV
Environmental Conditions	22deg. C, 57% R	Tested By	Albert
Test Date	2025-06-17		

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	-11.41	65.81	54.40	96.50	-42.10	130	211
2	1.0799QP	-11.53	45.75	34.22	67.57	-33.35	130	198
3	7.7084QP	-10.86	29.80	18.94	69.54	-50.60	130	332
4	14.2742QP	-10.64	29.35	18.71	69.54	-50.83	130	230
5	20.2072QP	-10.44	28.49	18.05	69.54	-51.49	130	32
6	23.0804QP	-10.27	28.46	18.19	69.54	-51.35	130	244
7	27.4044QP	-10.07	27.77	17.70	69.54	-51.84	130	274

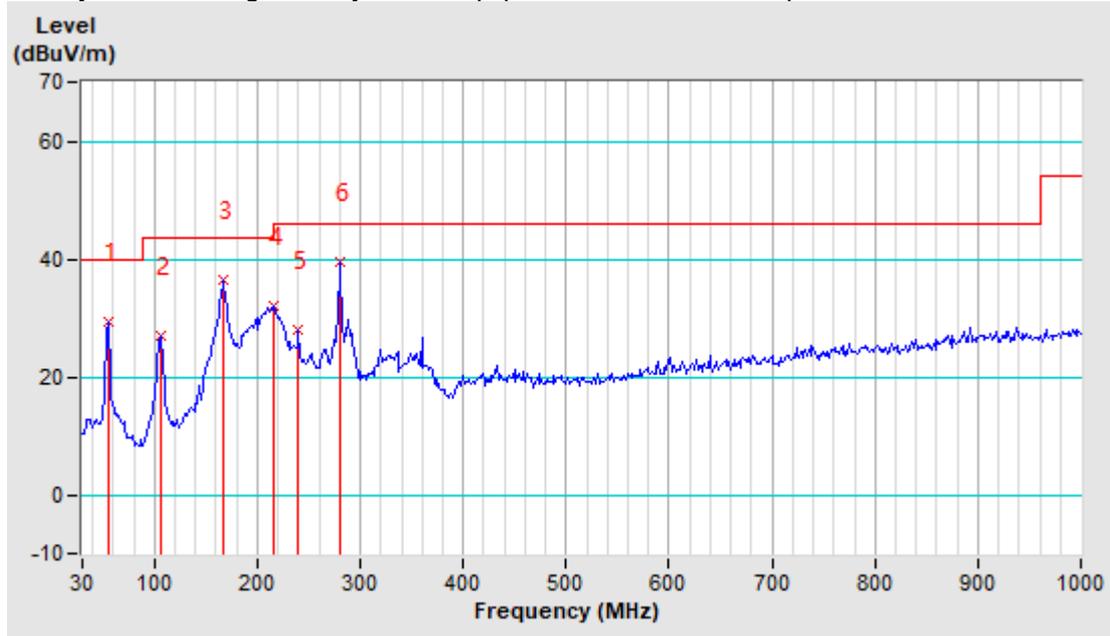




Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	26deg. C, 58% RH	Tested By	Zeke
Test Date	2025-06-18		

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	54.87	-17.46	46.82	29.36	40.00	-10.64	111	325
2	106.17	-20.92	47.96	27.04	43.50	-16.46	130	306
3	166.79	-17.12	53.70	36.58	43.50	-6.92	150	286
4	214.98	-19.03	51.07	32.04	43.50	-11.46	200	198
5	239.86	-17.78	45.86	28.08	46.00	-17.92	200	165
6	280.27	-16.00	55.52	39.52	46.00	-6.48	200	225

- 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.

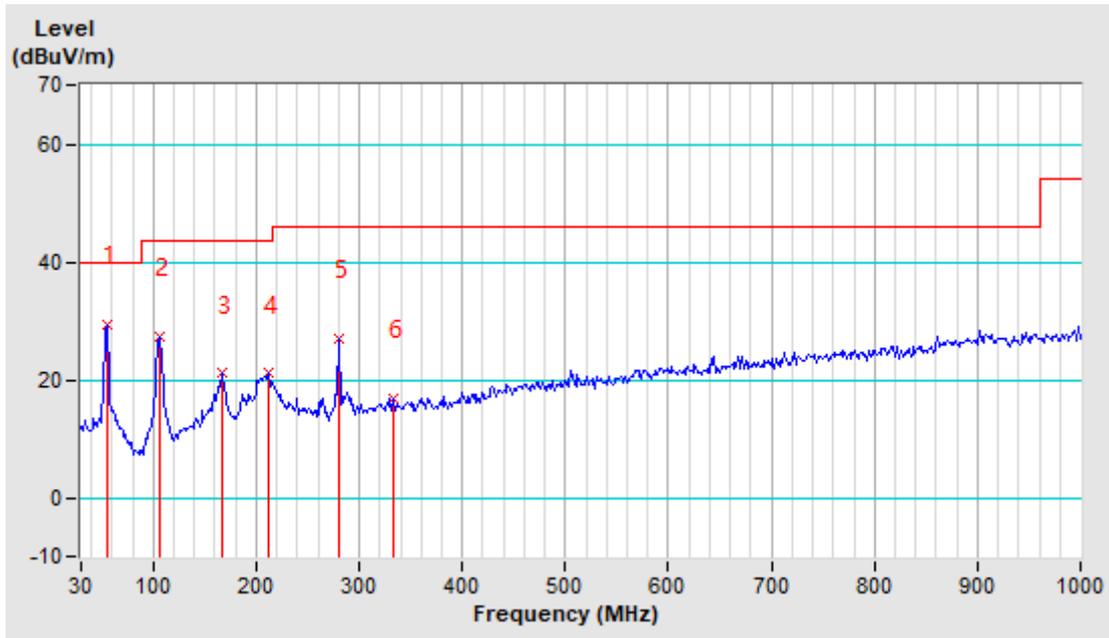




Test Mode	C	Frequency Range	30MHz ~ 1000MHz
Test Voltage	DC 12V	Detector Function	Quasi-Peak (QP)
Environmental Conditions	26deg. C, 58% RH	Tested By	Zeke
Test Date	2025-06-18		

Antenna Polarity & Test Distance: Vertical At 3m								
No.	Freq. (MHz)	Correction Factor (dB/m)	Raw Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
1	54.87	-17.46	46.83	29.37	40.00	-10.63	113	321
2	106.17	-20.92	48.35	27.43	43.50	-16.07	132	303
3	166.79	-17.12	38.21	21.09	43.50	-22.41	150	285
4	211.87	-19.17	40.25	21.08	43.50	-22.42	173	262
5	280.27	-16.00	43.02	27.02	46.00	-18.98	192	243
6	333.12	-14.51	31.32	16.81	46.00	-29.19	200	221

- 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. 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. 07, 25
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV40	101094	Oct. 09, 25
Signal Generator	Agilent	N5183A	MY50140980	Jul. 11, 25
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY56200288	Jul. 11, 25
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.

4.2.3 TEST PROCEDURE

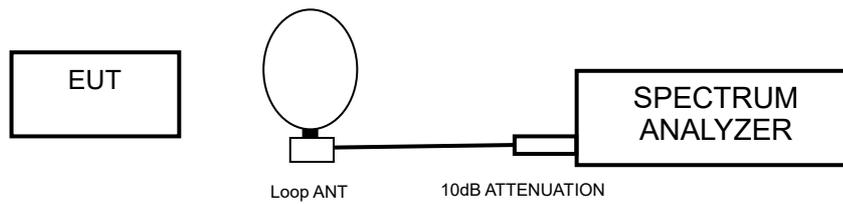
- Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring 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



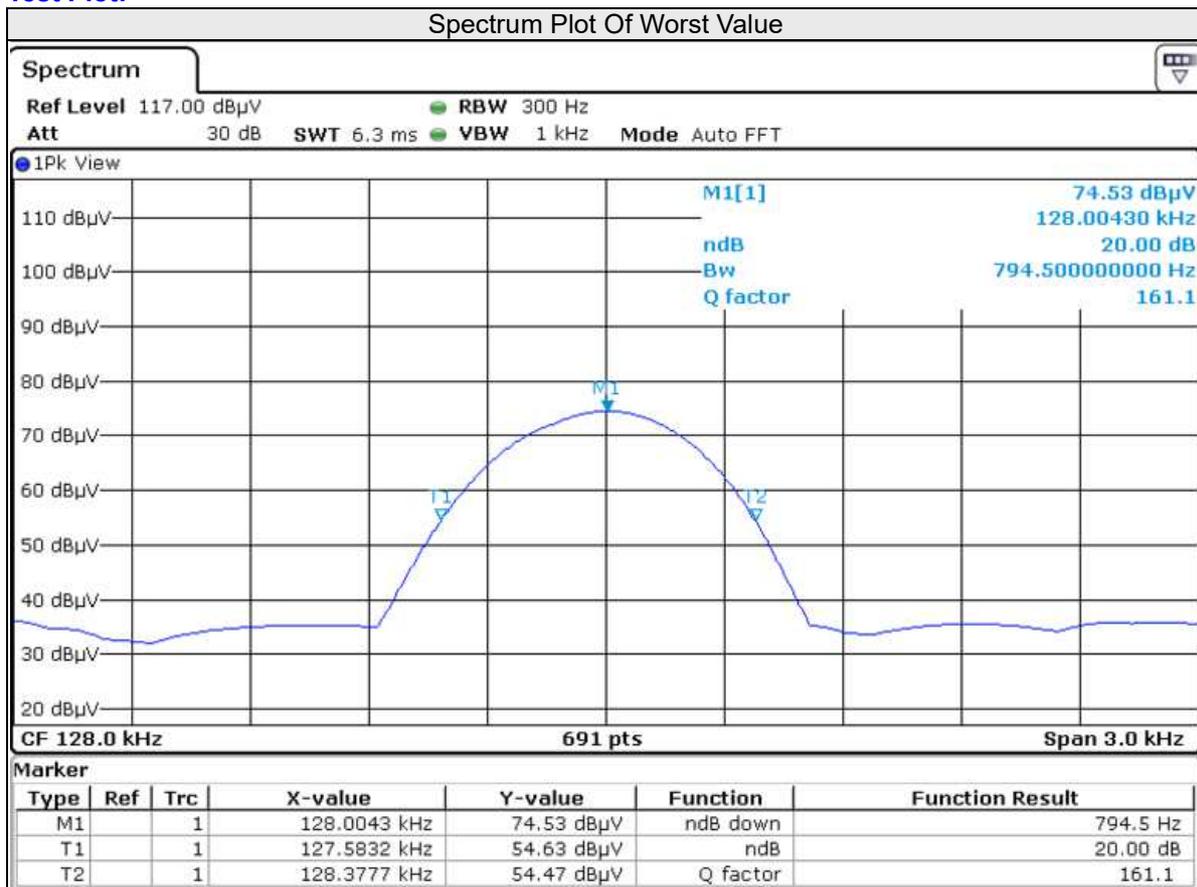
4.2.6 EUT OPERATING CONDITION

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

4.2.7 TEST RESULTS

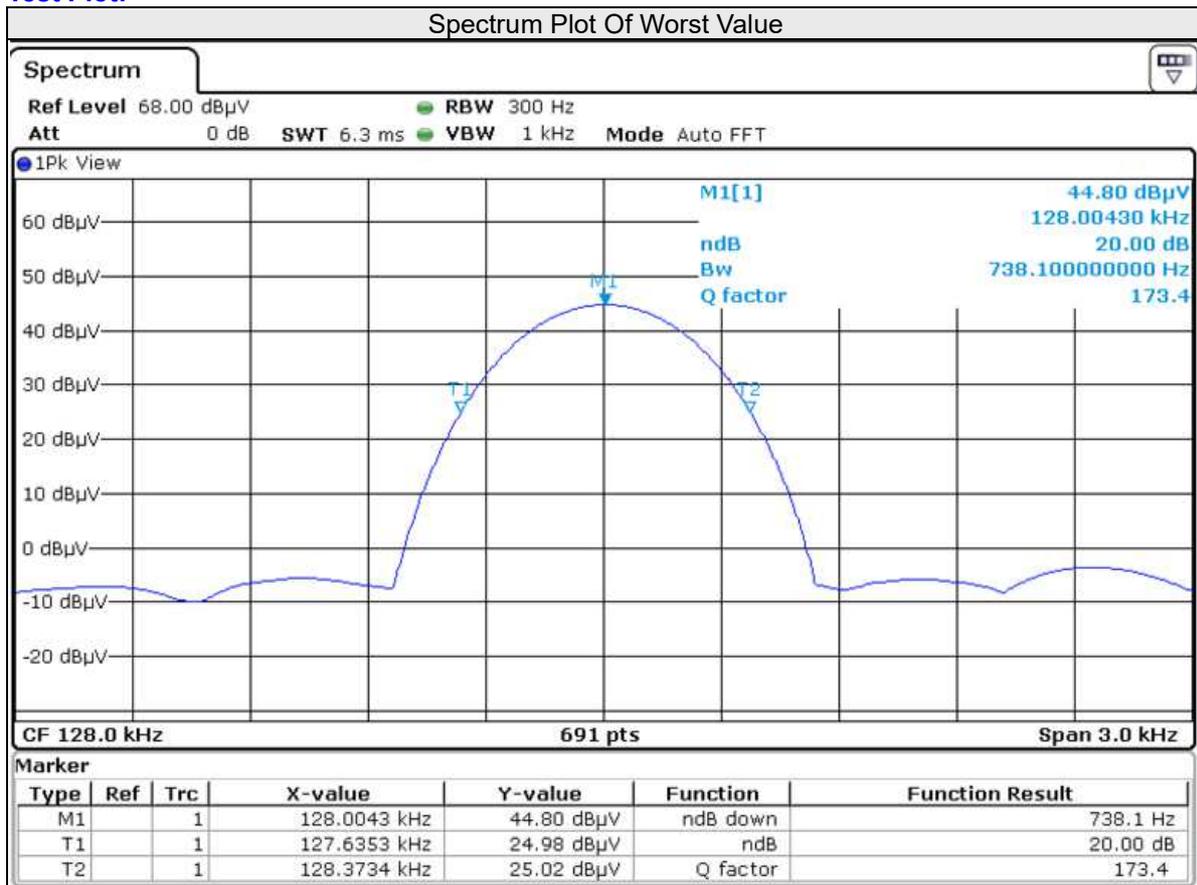
Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
A	128	794.5

Test Plot:



Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
B	128	738.1

Test Plot:



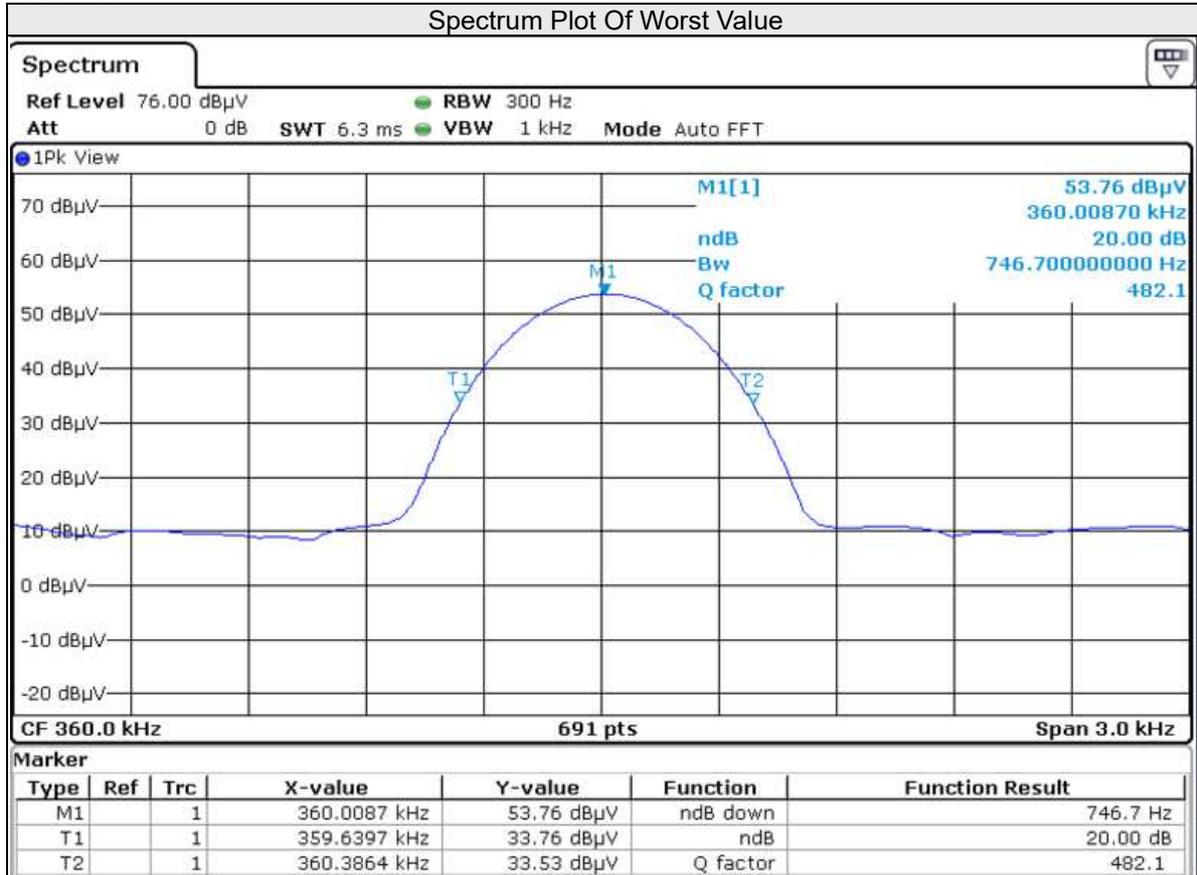


**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

Test Mode	Frequency (kHz)	20dB Bandwidth (Hz)
C	360	746.7

Test Plot:





**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

5 PHOTOGRAPHS OF THE TEST CONFIGURATION

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



**BUREAU
VERITAS**

Test Report No.: RF2506WDG0100

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---