

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.249)
Report No.: RFBUIY-WTW-P25050546-1
FCC ID: XGB-MWBB0018
Product: Wireless Mouse
Brand: TURTLE BEACH
Model No.: MWBB0018
Received Date: 2025/5/26
Test Date: 2025/6/20 ~ 2025/6/30
Issued Date: 2025/7/15
Applicant: Voyetra Turtle Beach, Inc.
Address: 44 South Broadway, 4th Floor White Plains NY 10601 USA
Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories
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Test Location: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
FCC Registration / 198487 / TW2021
Designation Number:

Approved by: _____

Jeremy Lin

Jeremy Lin / Project Engineer

, Date: _____

2025/7/15

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Prepared by : Annie Chang / Senior Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBUUY-WTW-P25050546-1	Original release.	2025/7/15

1 Certificate

Product: Wireless Mouse

Brand: TURTLE BEACH

Test Model: MWBB0018

Sample Status: Engineering sample

Applicant: Voyetra Turtle Beach, Inc.

Test Date: 2025/6/20 ~ 2025/6/30

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.249)

**Measurement
procedure:** ANSI C63.10-2013

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.249)			
Standard / Clause	Test Item	Result	Remark
15.207	AC Power Conducted Emissions	Pass	Minimum passing margin is -11.75 dB at 0.48244 MHz
15.209 / 15.249(d)	Radiated Emissions below 1 GHz	Pass	Minimum passing margin is -6.7 dB at 33.35 MHz
15.209 / 15.249(a) / 15.249(d) / 15.249(e)	Radiated Emissions above 1 GHz	Pass	Minimum passing margin is -2.1 dB at 2437.00 MHz
15.215 (c)	20 dB Bandwidth	Pass	Meet the requirement of limit.
15.203	Antenna Requirement	Pass	No antenna connector is used.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 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	Specification	Expanded Uncertainty (k=2) (±)
AC Power Conducted Emissions	9 kHz ~ 30 MHz	2.9 dB
Radiated Emissions below 1 GHz	9 kHz ~ 30 MHz	2.55 dB
	30 MHz ~ 1 GHz	5.77 dB
Radiated Emissions above 1 GHz	1 GHz ~ 6 GHz	4.71 dB
	6 GHz ~ 18 GHz	5.3 dB
	18 GHz ~ 40 GHz	4.98 dB
20 dB Bandwidth	-	960 Hz

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description

Product	Wireless Mouse
Brand	TURTLE BEACH
Test Model	MWBB0018
Status of EUT	Engineering sample
Power Supply Rating	3.7Vdc from battery or 5Vdc from host equipment
Modulation Type	GFSK
Transfer Rate	Up to 2 Mbps
Operating Frequency	2.404 GHz ~ 2.479 GHz
Number of Channel	9
Field Strength Of Fundamental	91.9 dBuV/m (Average) at 3 meters

Note:

1. The EUT uses following accessories.

Item	Specification
USB Cable	Shielded without core, 1.8m
USB to Type-C Adapter	-

2. The EUT has black & white, which are electrically identical to each other except for exterior color.

3. There are Bluetooth and SRD technology used for the EUT.

4. Bluetooth and SRD technology can not transmit at same time.

5. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 Antenna Description of EUT

The antenna information is listed as below.

Gain (dBi)	Antenna Type	Connector Type
2.61	Chip	none

*Due to radiated measurements are made and the antenna gain is already accounted for this device, so provide an antenna datasheet and/or antenna measurement report is not required. The antenna dimensions and pictures (include antenna wire length if have) are stated in EUT photo exhibit.

3.3 Channel List

9 channels are provided to this EUT:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2404	6	2442
2	2412	7	2450
3	2423	8	2462
4	2428	9	2479
5	2437		

3.4 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1.For Unwanted Emission above 1 GHz has Battery/ EUT with USB cable(Adapter) mode of power supply. Pre-scan these modes and find the worst case as a representative test condition. 2.For Unwanted Emission below 1 GHz has Battery/ EUT with USB cable(Adapter)/ EUT with USB cable(NB) mode of power supply. Pre-scan these modes and find the worst case as a representative test condition.
Worst Case:	1. For Unwanted Emission above 1 GHz EUT with USB cable(Adapter) mode is the worst case of power supply. 2. For Unwanted Emission below 1 GHz EUT with USB cable(Adapter) mode is the worst case of power supply.

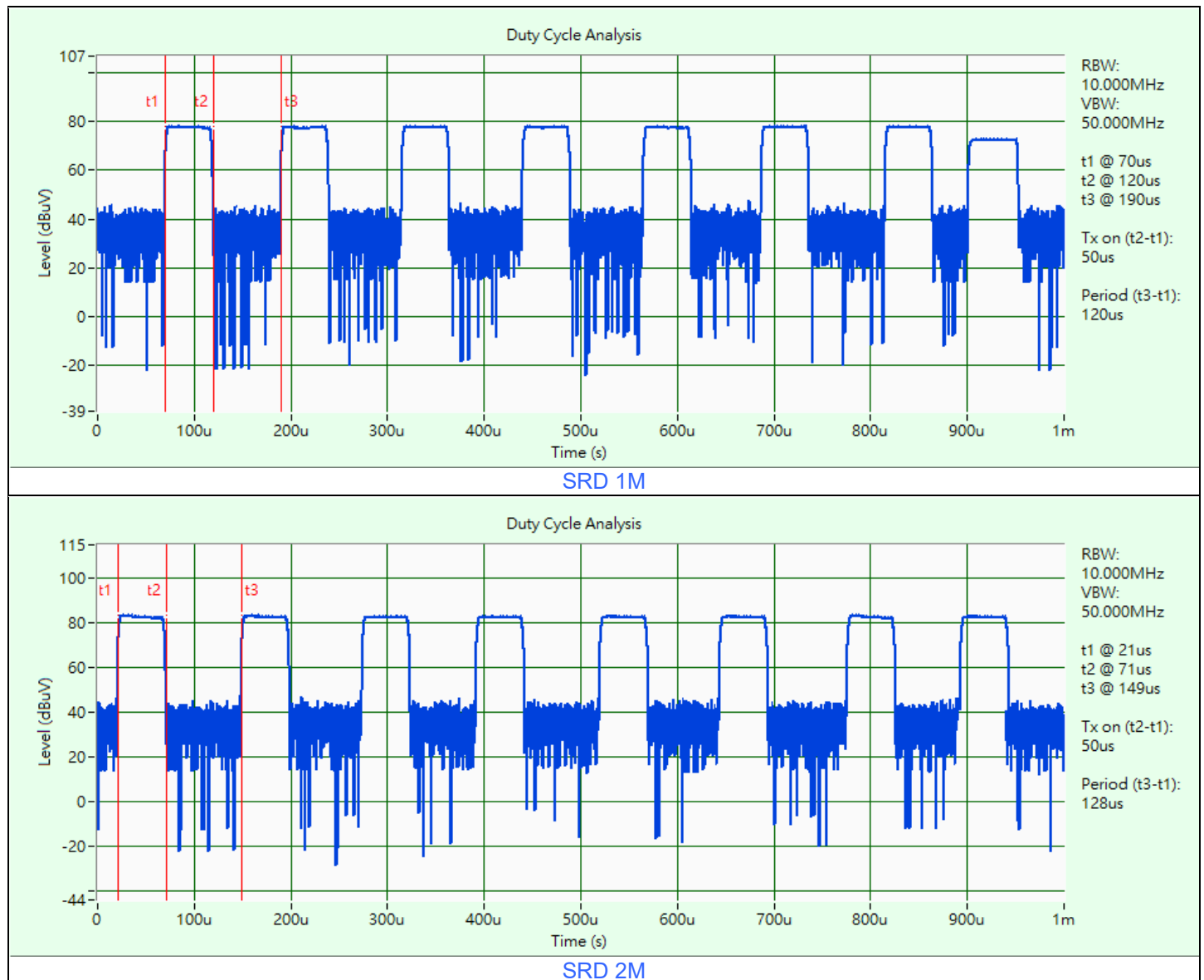
Following channel(s) was (were) selected for the final test as listed below:

Test Item	EUT Configure Mode	Tested Channel	Modulation	Data Rate Parameter
AC Power Conducted Emissions	A	1	GFSK	2Mb/s
	B	-	-	-
Radiated Emissions below 1 GHz	A	1	GFSK	2Mb/s
Radiated Emissions above 1 GHz	A	1, 5, 9	GFSK	1Mb/s
				2Mb/s
20 dB Bandwidth	A	1, 5, 9	GFSK	1Mb/s
				2Mb/s
EUT Configure Mode:	A	EUT with USB cable(Adapter)		
	B	EUT with USB cable(NB)		

3.5 Duty Cycle of Test Signal

SRD 1M: Duty cycle = $0.05 \text{ ms} / 0.12 \text{ ms} \times 100\% = 41.7\%$

SRD 2M: Duty cycle = $0.05 \text{ ms} / 0.128 \text{ ms} \times 100\% = 39.1\%$

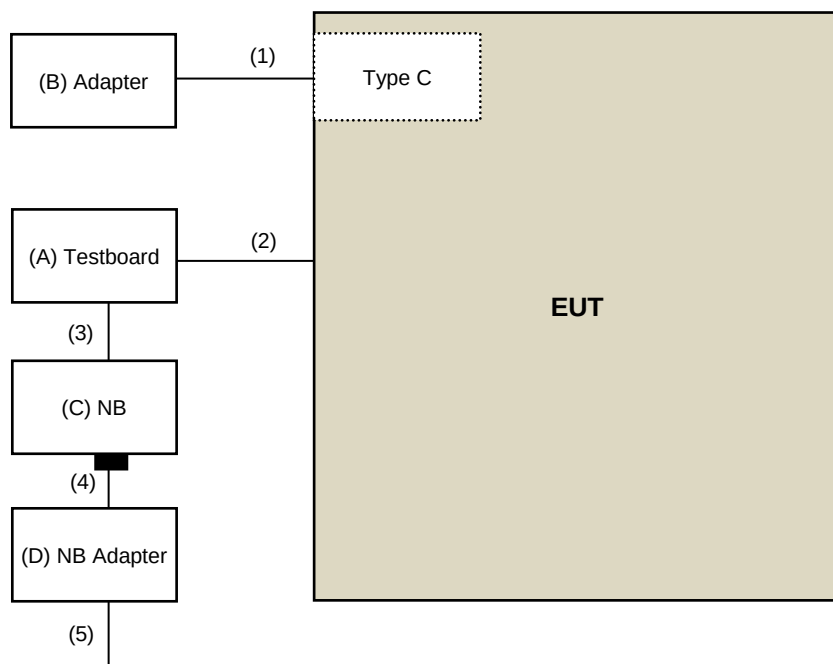


3.6 Test Program Used and Operation Descriptions

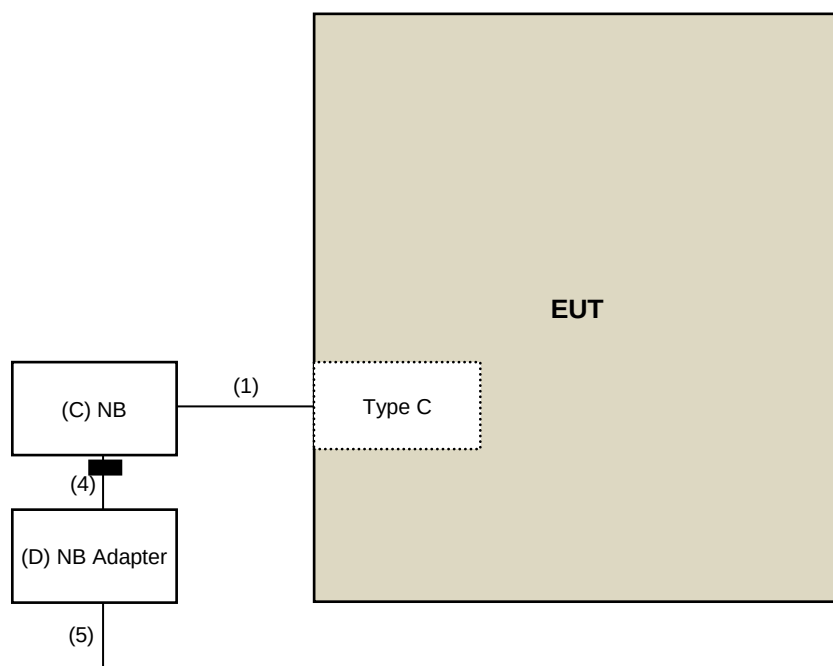
Controlling software (RF_Test_tool_v1.0.0.8) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.7 Connection Diagram of EUT and Peripheral Devices

Mode A



Mode B



3.8 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Testboard	N/A	N/A	N/A	N/A	Supplied by applicant
B	Adapter	Belkin	WCB007dq	N/A	N/A	Provided by Lab
C	NB	Dell	P90F	N/A	N/A	Provided by Lab
D	NB Adapter	Dell	LA65NS2-01	N/A	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	USB cable	1	1.8	Y	0	Supplied by applicant
2	DC cable	1	0.15	N	0	Supplied by applicant
3	USB A-A	1	1	N	0	Provided by Lab
4	DC cable	1	1.9	N	1	Provided by Lab
5	AC cable	1	0.8	N	0	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance LYNICS	0900510	E1-011284	2024/9/16	2025/9/15
		E1-011285	2024/9/25	2025/9/24
Coupling / Decoupling Network Schwarzbeck	CDNE-M2	00097	2025/5/28	2026/5/27
	CDNE-M3	00091	2025/3/20	2026/3/19
Diode Pulse Limiter Schwarzbeck	VTSD 9561 F-N	01422	2025/5/2	2026/5/1
EMI Test Receiver R&S	ESR3	102413	2025/1/22	2026/1/21
Fixed Attenuator EMEC	EM-ATT30002602NN	N/A	2025/3/21	2026/3/20
Fixed Attenuator STI	STI02-2200-10	NO.3	2024/10/19	2025/10/18
High Voltage Probe Schwarzbeck	TK9420	00982	2024/12/6	2025/12/5
Highpass filter EMCI	150HPF-ME	114005	2025/5/2	2026/5/1
		114006	2025/5/2	2026/5/1
	150HPF-MF	113009	2025/5/2	2026/5/1
LISN R&S	ENV216	101196	2025/5/19	2026/5/18
	ESH3-Z5	100220	2024/11/21	2025/11/20
LISN Schwarzbeck	NNLK 8121	8121-00759	2024/8/20	2025/8/19
		8121-808	2025/4/23	2026/4/22
	NNLK 8129	00624	2024/10/9	2025/10/8
		8129229	2024/10/14	2025/10/13
RF Coaxial Cable PEWC	5D-FB	Cable-CO3-01	2024/9/12	2025/9/11
Software BVADT	Cond_V7.4.1.0	N/A	N/A	N/A

Notes:

1. The test was performed in Linkou Conduction 3.
2. Tested Date: 2025/6/20

4.2 Radiated Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bi_Log Antenna Schwarzbeck	VULB 9168	137	2024/10/9	2025/10/8
Coupling / Decoupling Network Schwarzbeck	CDNE-M2	00097	2025/5/28	2026/5/27
	CDNE-M3	00091	2025/3/20	2026/3/19
MXE EMI Receiver Agilent	N9038A	MY50010158	2024/10/11	2025/10/10
Preamplifier Agilent	8447D	2944A11064	2025/2/14	2026/2/13
Preamplifier EMCI	EMC001340	980269	2024/6/25	2025/6/24
Radiating Loop Antenna TESEQ	RLA 6120-20	80002	2024/7/30	2025/7/29
RF Coaxial Cable Pacific	8D-FB	Cable-CH6-02	2024/6/25	2025/6/24
Software BVADT	Radiated_V8.7.08	N/A	N/A	N/A
Tower ADT	AT100	0306	N/A	N/A
Turn Table ADT	TT100	0306	N/A	N/A

Notes:

1. The test was performed in Linkou 966 Chamber 6 (CH 6).
2. Tested Date: 2025/6/21

4.3 Radiated Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight antenna tower fixture BV	BAF-02	6	N/A	N/A
High Pass Filter Wainwright	WHK 3.1/18G-10SS	SN 8	2025/5/22	2026/5/21
Horn Antenna EMCO	3115	00028257	2024/11/10	2025/11/9
Horn Antenna ETS-Lindgren	3117-PA	00215857	2024/11/10	2025/11/9
Horn Antenna Schwarzbeck	BBHA 9170	212	2024/10/18	2025/10/17
		BBHA9170190	2024/11/10	2025/11/9
MXE EMI Receiver Agilent	N9038A	MY50010158	2024/10/11	2025/10/10
Notch Filter Micro-Tronics	BRC50703-01	010	2025/5/22	2026/5/21
	BRM17690	005	2025/5/22	2026/5/21
Preamplifier EMCI	EMC0126545	980076	2025/2/14	2026/2/13
	EMC184045B	980175	2024/8/25	2025/8/24
		980235	2025/2/14	2026/2/13
Preamplifier HP	8449B	3008A01201	2025/2/14	2026/2/13
RF Coaxial Cable EMCI	EMC104	190801	2024/7/5	2025/7/4
		190804	2024/7/5	2025/7/4
RF Coaxial Cable EMEC	EM102-KMKM-100	02	2024/7/5	2025/7/4
RF Coaxial Cable HUBER+SUHNER	SF-104	Cable-CH6-01	2024/7/5	2025/7/4
Signal Analyzer R&S	FSV40	101042	2024/9/12	2025/9/11
Software BVADT	Radiated_V7.7.1.1.1	N/A	N/A	N/A
Tower ADT	AT100	0306	N/A	N/A
Turn Table ADT	TT100	0306	N/A	N/A

Notes:

1. The test was performed in Linkou 966 Chamber 6 (CH 6).
2. Tested Date: 2025/6/26

4.4 20 dB Bandwidth

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Solvang Technology	STI02-3310-10	STI02-3310-10_013	2025/5/23	2026/5/22
PXA Signal Analyzer Keysight	N9030A	MY54490260	2024/7/17	2025/7/16
Signal Analyzer R&S	FSV40	101042	2024/9/12	2025/9/11
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in LK - Oven
2. Tested Date: 2025/6/30

5 Limits of Test Items

5.1 AC Power Conducted Emissions

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	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.

5.2 Radiated Emissions below 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

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).

5.3 Radiated Emissions above 1 GHz

The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following.

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Harmonics (microvolts/meter)
2400 ~ 2483.5 MHz	50	500

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits as below table, whichever is the lesser attenuation.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
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. For frequencies above 1000 MHz, 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 20 dB under any condition of modulation.

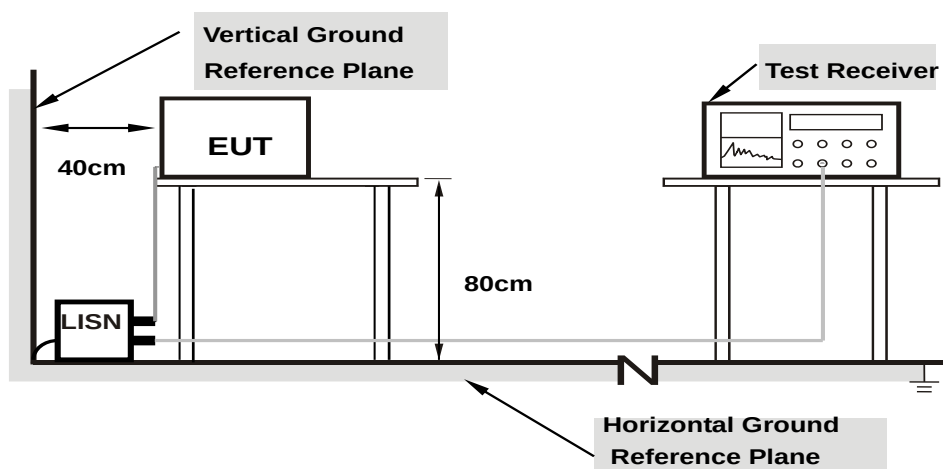
5.4 20 dB Bandwidth

The 20dB bandwidth shall be specified in operating frequency band.

6 Test Arrangements

6.1 AC Power Conducted Emissions

6.1.1 Test Setup



Note: 1.Support units were connected to second LISN.

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

6.1.2 Test Procedure

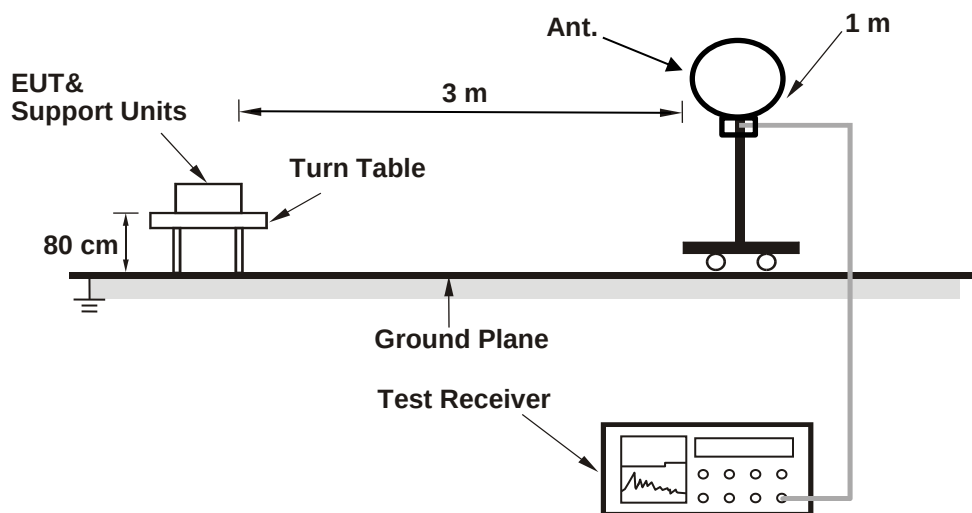
- The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

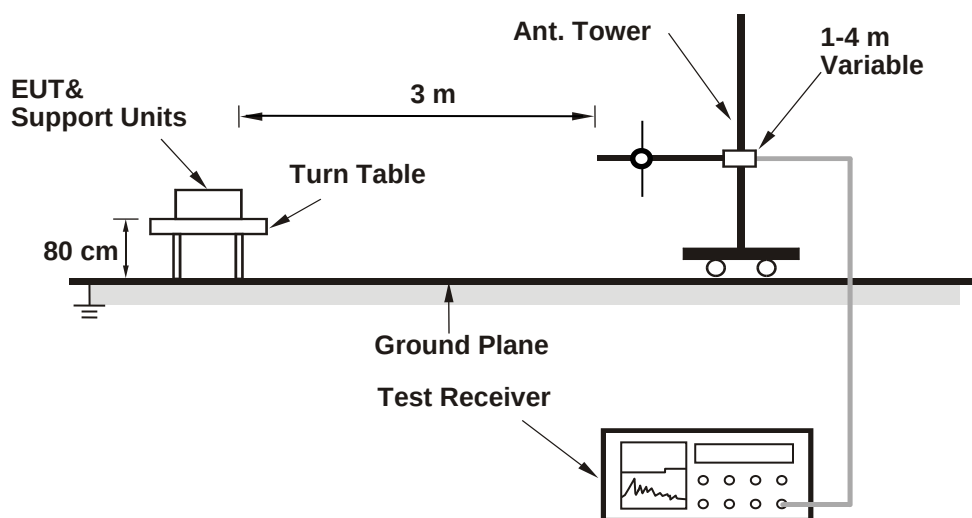
6.2 Radiated Emissions below 1 GHz

6.2.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

6.2.2 Test Procedure

For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. 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. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case 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, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

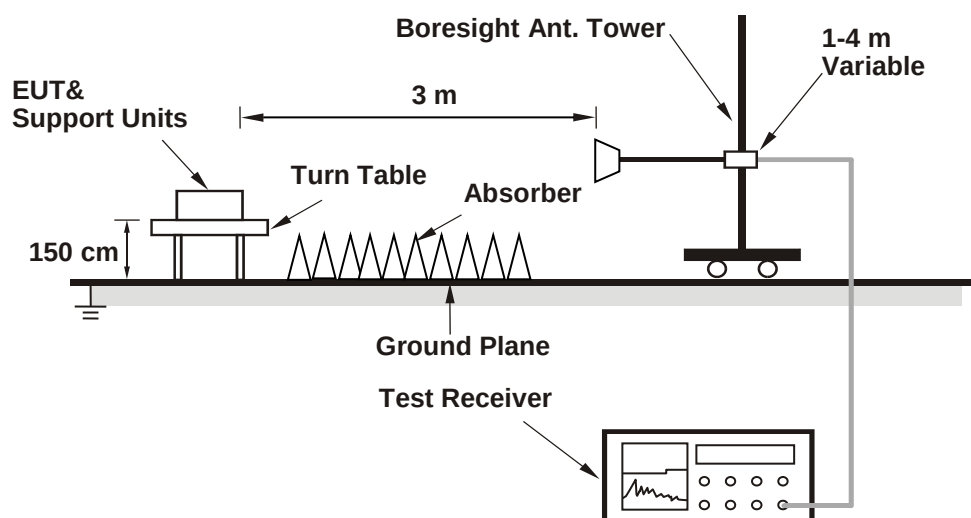
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the 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 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 quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

6.3 Radiated Emissions above 1 GHz

6.3.1 Test Setup



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

6.3.2 Test Procedure

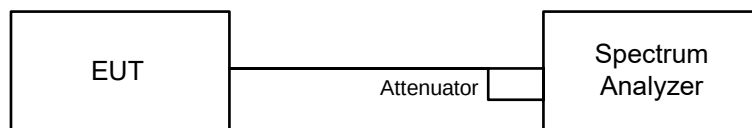
- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 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.
- 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.
- The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- According to ANSI C63.10 section 6.6.4 and 4.1.4.2.2. For fundamental and harmonic signal measurement, according to ANSI C63.10 section 7.5, the average value = peak value + duty cycle correction factor. For duty cycle correction factor values, see the Test Signal Duty Cycle section in this report.
- All modes of operation were investigated and the worst-case emissions are reported.

6.4 20 dB Bandwidth

6.4.1 Test Setup



6.4.2 Test Procedure

- Set resolution bandwidth (RBW) = 1% to 5% of the OBW.
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

7 Test Results of Test Item

7.1 AC Power Conducted Emissions

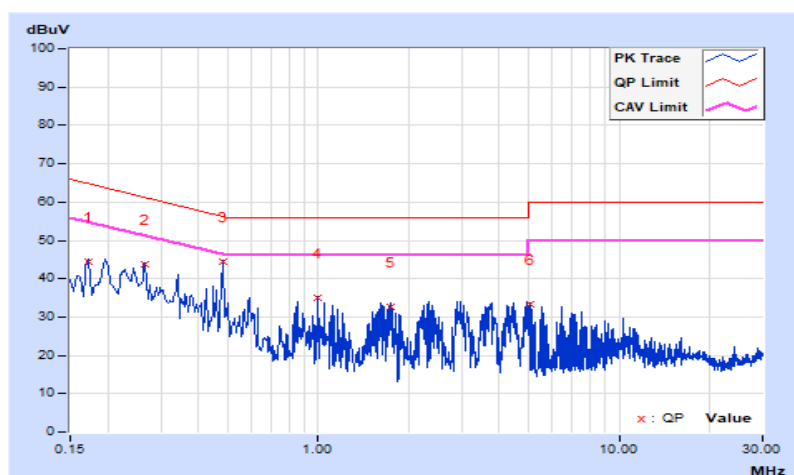
Mode A

RF Mode	SRD 2M	Channel	CH 1 : 2404 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17329	10.21	34.12	19.15	44.33	29.36	64.80	54.80	-20.47	-25.44
2	0.26485	10.22	33.45	21.40	43.67	31.62	61.28	51.28	-17.61	-19.66
3	0.48244	10.23	34.32	21.59	44.55	31.82	56.30	46.30	-11.75	-14.48
4	0.99670	10.26	24.90	14.20	35.16	24.46	56.00	46.00	-20.84	-21.54
5	1.74370	10.33	22.39	7.33	32.72	17.66	56.00	46.00	-23.28	-28.34
6	5.03911	10.63	22.68	7.93	33.31	18.56	60.00	50.00	-26.69	-31.44

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

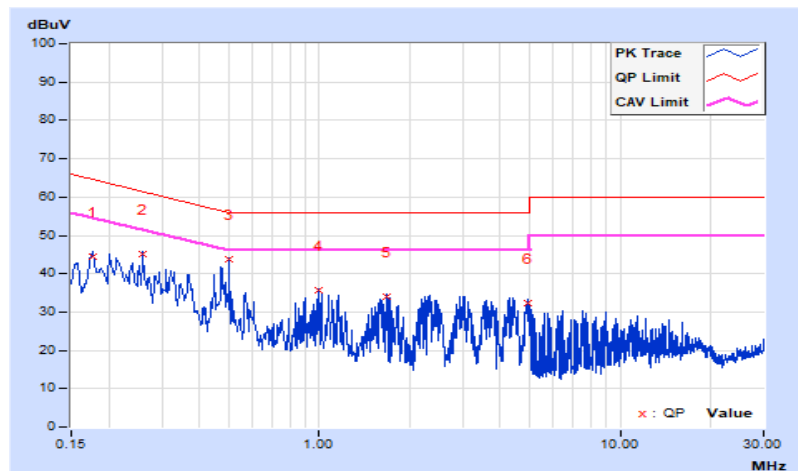


RF Mode	SRD 2M	Channel	CH 1 : 2404 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17738	10.24	34.35	20.18	44.59	30.42	64.61	54.61	-20.02	-24.19
2	0.25951	10.25	34.97	23.37	45.22	33.62	61.45	51.45	-16.23	-17.83
3	0.50391	10.27	33.64	21.80	43.91	32.07	56.00	46.00	-12.09	-13.93
4	0.99670	10.29	25.41	15.06	35.70	25.35	56.00	46.00	-20.30	-20.65
5	1.67330	10.35	23.80	9.89	34.15	20.24	56.00	46.00	-21.85	-25.76
6	4.92334	10.67	21.54	5.83	32.21	16.50	56.00	46.00	-23.79	-29.50

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



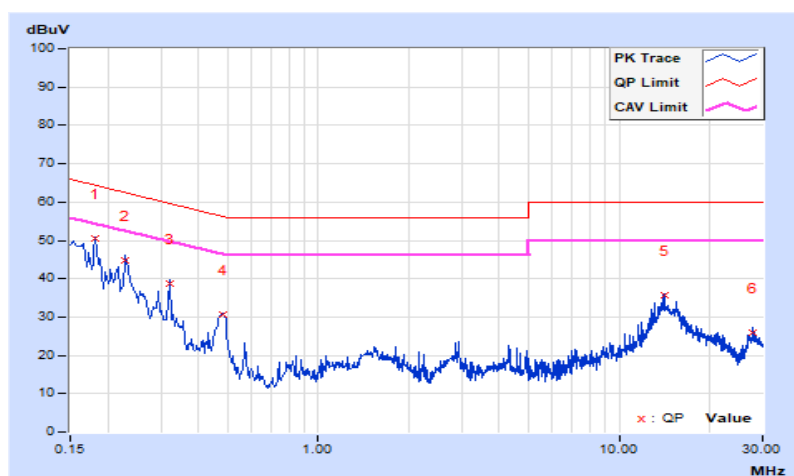
Mode B

Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.18122	10.21	40.33	19.98	50.54	30.19	64.43	54.43	-13.89	-24.24
2	0.22822	10.21	34.59	14.40	44.80	24.61	62.51	52.51	-17.71	-27.90
3	0.32208	10.22	28.66	12.90	38.88	23.12	59.65	49.65	-20.77	-26.53
4	0.48244	10.23	20.52	13.21	30.75	23.44	56.30	46.30	-25.55	-22.86
5	14.18303	11.88	23.77	18.20	35.65	30.08	60.00	50.00	-24.35	-19.92
6	27.94193	14.13	11.85	7.95	25.98	22.08	60.00	50.00	-34.02	-27.92

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

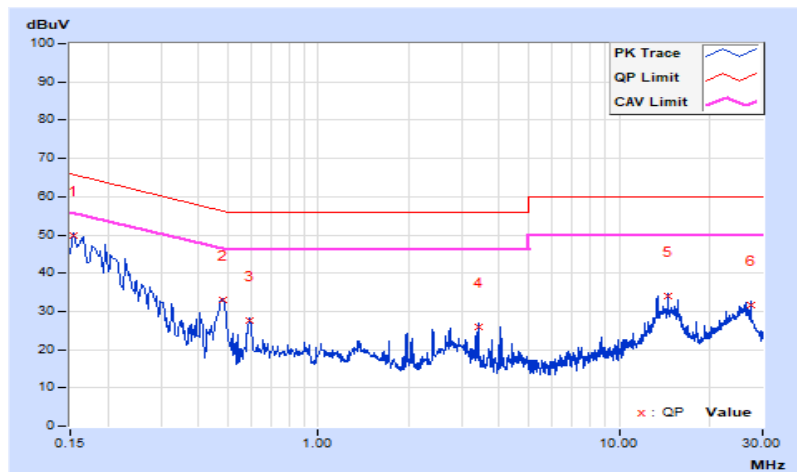


Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15464	10.24	39.75	18.36	49.99	28.60	65.75	55.75	-15.76	-27.15
2	0.48244	10.26	22.85	15.10	33.11	25.36	56.30	46.30	-23.19	-20.94
3	0.58995	10.27	17.32	10.17	27.59	20.44	56.00	46.00	-28.41	-25.56
4	3.41761	10.50	15.39	10.38	25.89	20.88	56.00	46.00	-30.11	-25.12
5	14.60542	12.13	21.86	15.62	33.99	27.75	60.00	50.00	-26.01	-22.25
6	27.32399	14.48	17.06	13.03	31.54	27.51	60.00	50.00	-28.46	-22.49

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



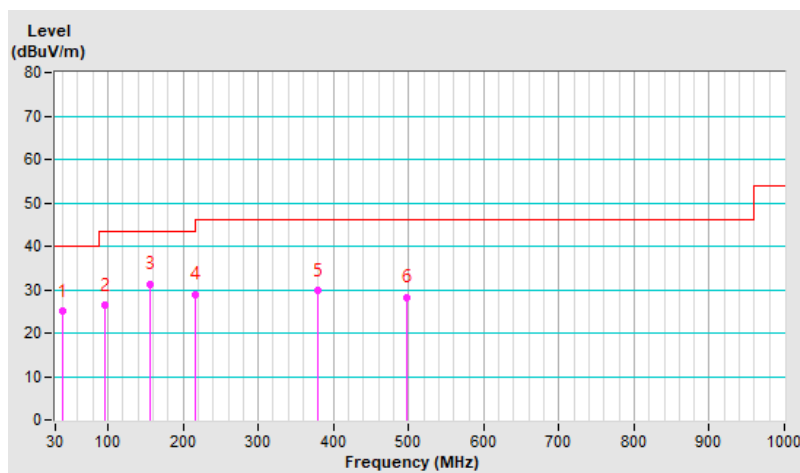
7.2 Radiated Emissions below 1 GHz

RF Mode	SRD 2M	Channel	CH 1 : 2404 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.33	25.0 QP	40.0	-15.0	1.32 H	148	34.4	-9.4
2	96.40	26.3 QP	43.5	-17.2	1.20 H	232	39.7	-13.4
3	155.18	31.2 QP	43.5	-12.3	1.48 H	271	39.0	-7.8
4	215.51	28.9 QP	43.5	-14.6	1.76 H	178	38.8	-9.9
5	378.62	29.7 QP	46.0	-16.3	1.58 H	4	33.6	-3.9
6	496.62	28.2 QP	46.0	-17.8	1.93 H	13	29.5	-1.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

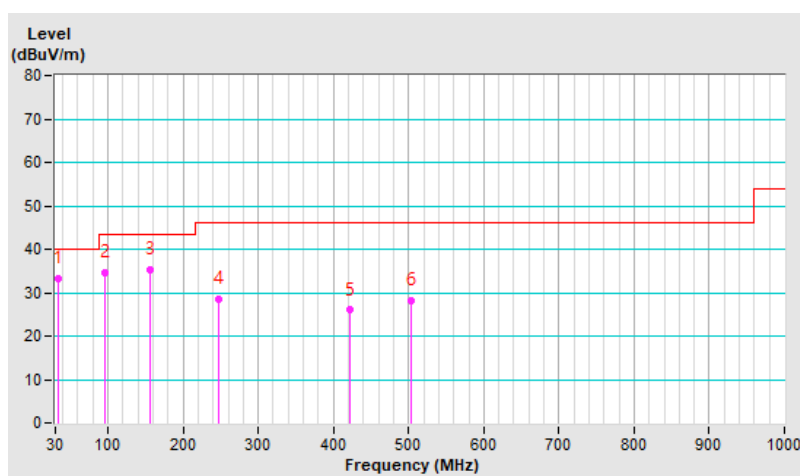


RF Mode	SRD 2M	Channel	CH 1 : 2404 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120 kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Jed Wu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.35	33.3 QP	40.0	-6.7	1.72 V	152	43.7	-10.4
2	96.20	34.5 QP	43.5	-9.0	1.43 V	251	48.0	-13.5
3	156.20	35.4 QP	43.5	-8.1	1.69 V	4	43.3	-7.9
4	246.89	28.6 QP	46.0	-17.4	1.38 V	135	36.4	-7.8
5	421.69	26.0 QP	46.0	-20.0	1.52 V	360	28.8	-2.8
6	503.75	28.1 QP	46.0	-17.9	1.20 V	274	29.4	-1.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.3 Radiated Emissions above 1 GHz

RF Mode	SRD 1M	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65% RH
Tested By	Dalen Dai		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	52.9 PK	74.0	-21.1	1.50 H	327	54.1	-1.2
2	2390.00	40.5 AV	54.0	-13.5	1.50 H	327	41.7	-1.2
3	2400.00	53.5 PK	74.0	-20.5	1.50 H	327	54.6	-1.1
4	2400.00	41.3 AV	54.0	-12.7	1.50 H	327	42.4	-1.1
5	*2404.00	99.4 PK	114.0	-14.6	1.50 H	327	100.5	-1.1
6	*2404.00	91.8 AV	94.0	-2.2	1.50 H	327	92.9	-1.1
7	4808.00	48.4 PK	74.0	-25.6	1.36 H	241	41.2	7.2
8	4808.00	40.8 AV	54.0	-13.2	1.36 H	241	33.6	7.2

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	52.7 PK	74.0	-21.3	4.00 V	164	53.9	-1.2
2	2390.00	40.3 AV	54.0	-13.7	4.00 V	164	41.5	-1.2
3	2400.00	52.4 PK	74.0	-21.6	4.00 V	164	53.5	-1.1
4	2400.00	40.9 AV	54.0	-13.1	4.00 V	164	42.0	-1.1
5	*2404.00	93.1 PK	114.0	-20.9	4.00 V	164	94.2	-1.1
6	*2404.00	85.5 AV	94.0	-8.5	4.00 V	164	86.6	-1.1
7	4808.00	47.6 PK	74.0	-26.4	1.61 V	308	40.4	7.2
8	4808.00	40.0 AV	54.0	-14.0	1.61 V	308	32.8	7.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The average value of fundamental and harmonic frequency is: Average = Peak value + 20 log(Duty cycle) Where the duty cycle correction factor is calculated from following formula:

$$20 \log(\text{Duty cycle}) = 20 \log(0.05 \text{ ms} / 0.12 \text{ ms}) = -7.6 \text{ dB}$$

RF Mode	SRD 1M	Channel	CH 5 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65% RH
Tested By	Dalen Dai		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	99.5 PK	114.0	-14.5	1.48 H	326	100.5	-1.0
2	*2437.00	91.9 AV	94.0	-2.1	1.48 H	326	92.9	-1.0
3	4874.00	48.7 PK	74.0	-25.3	1.33 H	244	41.0	7.7
4	4874.00	41.1 AV	54.0	-12.9	1.33 H	244	33.4	7.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	92.7 PK	114.0	-21.3	3.93 V	167	93.7	-1.0
2	*2437.00	85.1 AV	94.0	-8.9	3.93 V	167	86.1	-1.0
3	4874.00	47.4 PK	74.0	-26.6	1.70 V	311	39.7	7.7
4	4874.00	39.8 AV	54.0	-14.2	1.70 V	311	32.1	7.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The average value of fundamental and harmonic frequency is: Average = Peak value + 20 log(Duty cycle) Where the duty cycle correction factor is calculated from following formula:

$$20 \log(\text{Duty cycle}) = 20 \log(0.05 \text{ ms} / 0.12 \text{ ms}) = -7.6 \text{ dB}$$

RF Mode	SRD 1M	Channel	CH 9 : 2479 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65% RH
Tested By	Dalen Dai		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2479.00	98.9 PK	114.0	-15.1	2.17 H	324	99.4	-0.5
2	*2479.00	91.3 AV	94.0	-2.7	2.17 H	324	91.8	-0.5
3	2483.50	53.5 PK	74.0	-20.5	2.17 H	324	54.0	-0.5
4	2483.50	41.6 AV	54.0	-12.4	2.17 H	324	42.1	-0.5
5	4958.00	48.6 PK	74.0	-25.4	1.31 H	239	40.8	7.8
6	4958.00	41.0 AV	54.0	-13.0	1.31 H	239	33.2	7.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2479.00	92.5 PK	114.0	-21.5	3.96 V	162	93.0	-0.5
2	*2479.00	84.9 AV	94.0	-9.1	3.96 V	162	85.4	-0.5
3	2483.50	52.6 PK	74.0	-21.4	3.96 V	162	53.1	-0.5
4	2483.50	40.7 AV	54.0	-13.3	3.96 V	162	41.2	-0.5
5	4958.00	47.3 PK	74.0	-26.7	1.75 V	306	39.5	7.8
6	4958.00	39.7 AV	54.0	-14.3	1.75 V	306	31.9	7.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The average value of fundamental and harmonic frequency is: Average = Peak value + 20 log(Duty cycle) Where the duty cycle correction factor is calculated from following formula:
 $20 \log(\text{Duty cycle}) = 20 \log(0.05 \text{ ms} / 0.12 \text{ ms}) = -7.6 \text{ dB}$

RF Mode	SRD 2M	Channel	CH 1 : 2404 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65% RH
Tested By	Dalen Dai		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	52.9 PK	74.0	-21.1	1.49 H	325	54.1	-1.2
2	2390.00	40.5 AV	54.0	-13.5	1.49 H	325	41.7	-1.2
3	2400.00	53.9 PK	74.0	-20.1	1.49 H	325	55.0	-1.1
4	2400.00	41.8 AV	54.0	-12.2	1.49 H	325	42.9	-1.1
5	*2404.00	99.9 PK	114.0	-14.1	1.49 H	325	101.0	-1.1
6	*2404.00	91.7 AV	94.0	-2.3	1.49 H	325	92.8	-1.1
7	4808.00	48.3 PK	74.0	-25.7	1.37 H	240	41.1	7.2
8	4808.00	40.1 AV	54.0	-13.9	1.37 H	240	32.9	7.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	52.6 PK	74.0	-21.4	3.98 V	166	53.8	-1.2
2	2390.00	40.2 AV	54.0	-13.8	3.98 V	166	41.4	-1.2
3	2400.00	52.5 PK	74.0	-21.5	3.98 V	166	53.6	-1.1
4	2400.00	40.8 AV	54.0	-13.2	3.98 V	166	41.9	-1.1
5	*2404.00	93.2 PK	114.0	-20.8	3.98 V	166	94.3	-1.1
6	*2404.00	85.0 AV	94.0	-9.0	3.98 V	166	86.1	-1.1
7	4808.00	47.4 PK	74.0	-26.6	1.65 V	299	40.2	7.2
8	4808.00	39.2 AV	54.0	-14.8	1.65 V	299	32.0	7.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The average value of fundamental and harmonic frequency is: Average = Peak value + 20 log(Duty cycle) Where the duty cycle correction factor is calculated from following formula:

$$20 \log(\text{Duty cycle}) = 20 \log(0.05 \text{ ms} / 0.128 \text{ ms}) = -8.2 \text{ dB}$$

RF Mode	SRD 2M	Channel	CH 5 : 2437 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65% RH
Tested By	Dalen Dai		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	99.6 PK	114.0	-14.4	1.52 H	327	100.6	-1.0
2	*2437.00	91.4 AV	94.0	-2.6	1.52 H	327	92.4	-1.0
3	4874.00	48.2 PK	74.0	-25.8	1.32 H	243	40.5	7.7
4	4874.00	40.0 AV	54.0	-14.0	1.32 H	243	32.3	7.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	93.0 PK	114.0	-21.0	3.99 V	163	94.0	-1.0
2	*2437.00	84.8 AV	94.0	-9.2	3.99 V	163	85.8	-1.0
3	4874.00	47.3 PK	74.0	-26.7	1.70 V	302	39.6	7.7
4	4874.00	39.1 AV	54.0	-14.9	1.70 V	302	31.4	7.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The average value of fundamental and harmonic frequency is: Average = Peak value + 20 log(Duty cycle) Where the duty cycle correction factor is calculated from following formula:

$$20 \log(\text{Duty cycle}) = 20 \log(0.05 \text{ ms} / 0.128 \text{ ms}) = -8.2 \text{ dB}$$

RF Mode	SRD 2M	Channel	CH 9 : 2479 MHz
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 MHz, DET=RMS
Input Power	120 Vac, 60 Hz	Environmental Conditions	21 °C, 65% RH
Tested By	Dalen Dai		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2479.00	99.1 PK	114.0	-14.9	2.09 H	323	99.6	-0.5
2	*2479.00	90.9 AV	94.0	-3.1	2.09 H	323	91.4	-0.5
3	2483.50	53.6 PK	74.0	-20.4	2.09 H	323	54.1	-0.5
4	2483.50	42.0 AV	54.0	-12.0	2.09 H	323	42.5	-0.5
5	4958.00	48.0 PK	74.0	-26.0	1.31 H	238	40.2	7.8
6	4958.00	39.8 AV	54.0	-14.2	1.31 H	238	32.0	7.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2479.00	92.9 PK	114.0	-21.1	3.86 V	164	93.4	-0.5
2	*2479.00	84.7 AV	94.0	-9.3	3.86 V	164	85.2	-0.5
3	2483.50	52.8 PK	74.0	-21.2	3.86 V	164	53.3	-0.5
4	2483.50	41.4 AV	54.0	-12.6	3.86 V	164	41.9	-0.5
5	4958.00	47.4 PK	74.0	-26.6	1.77 V	305	39.6	7.8
6	4958.00	39.2 AV	54.0	-14.8	1.77 V	305	31.4	7.8

Remarks:

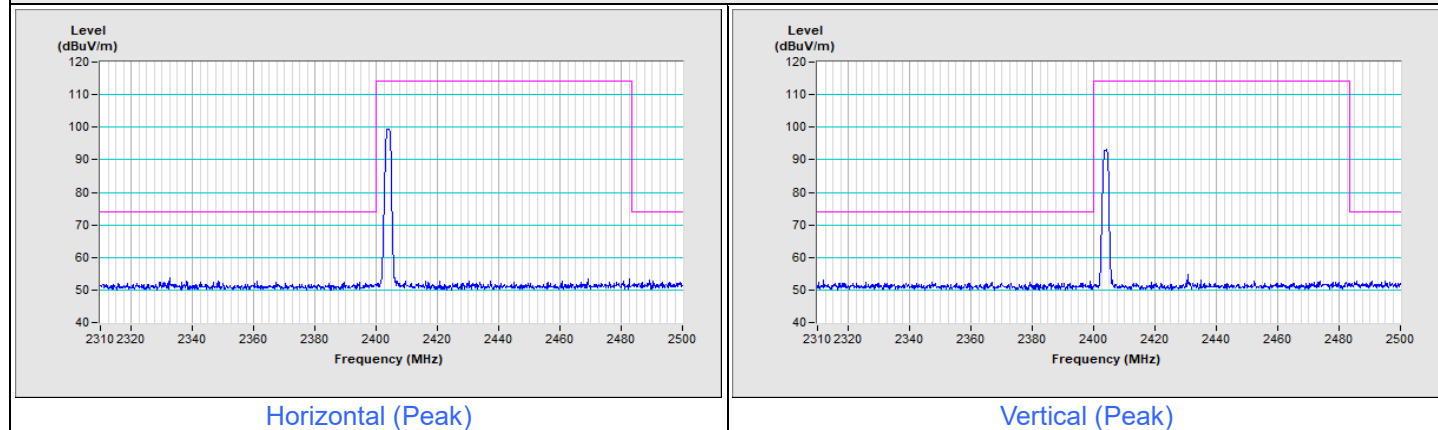
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. The average value of fundamental and harmonic frequency is: Average = Peak value + 20 log(Duty cycle) Where the duty cycle correction factor is calculated from following formula:

$$20 \log(\text{Duty cycle}) = 20 \log(0.05 \text{ ms} / 0.128 \text{ ms}) = -8.2 \text{ dB}$$

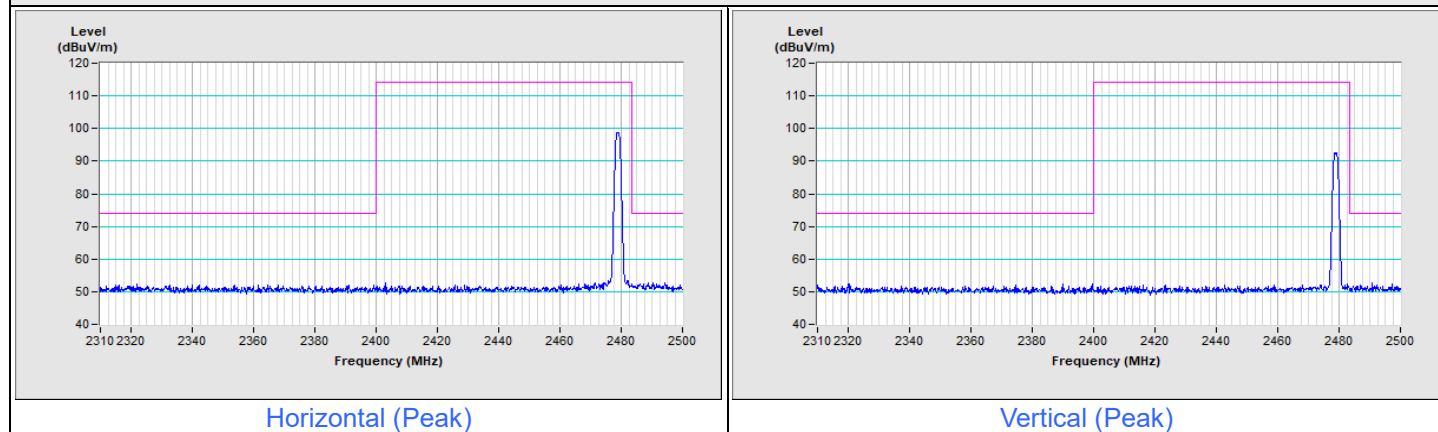
Plot of Band Edge

Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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SRD 1M Channel 1

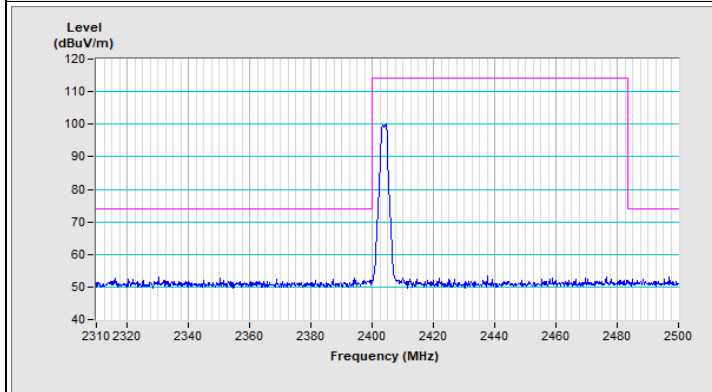


SRD 1M Channel 9

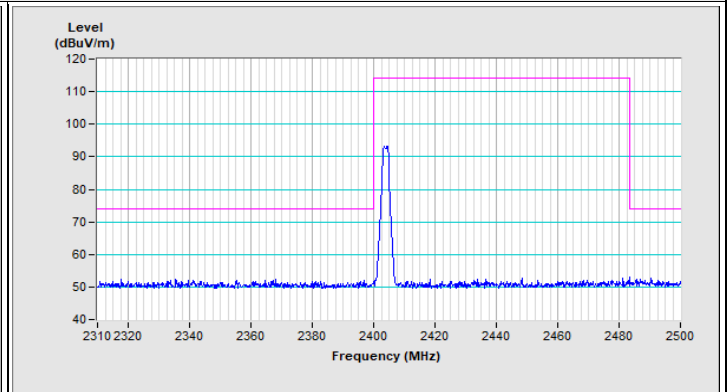


Frequency Range	2.31 GHz ~ 2.5 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak
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SRD 2M Channel 1

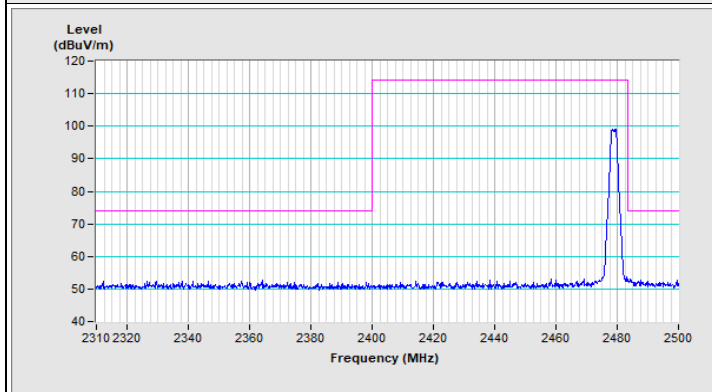


Horizontal (Peak)

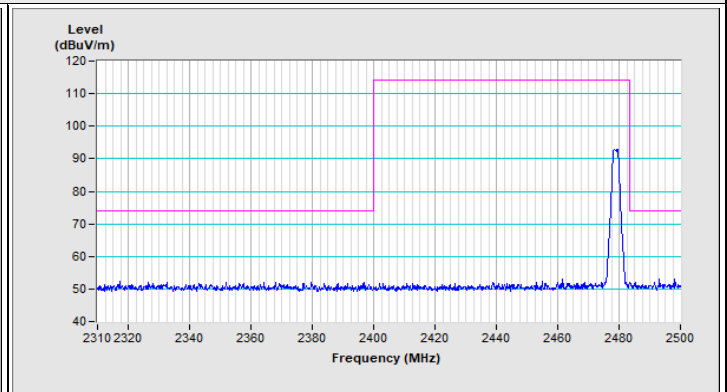


Vertical (Peak)

SRD 2M Channel 9



Horizontal (Peak)



Vertical (Peak)

7.4 20 dB Bandwidth

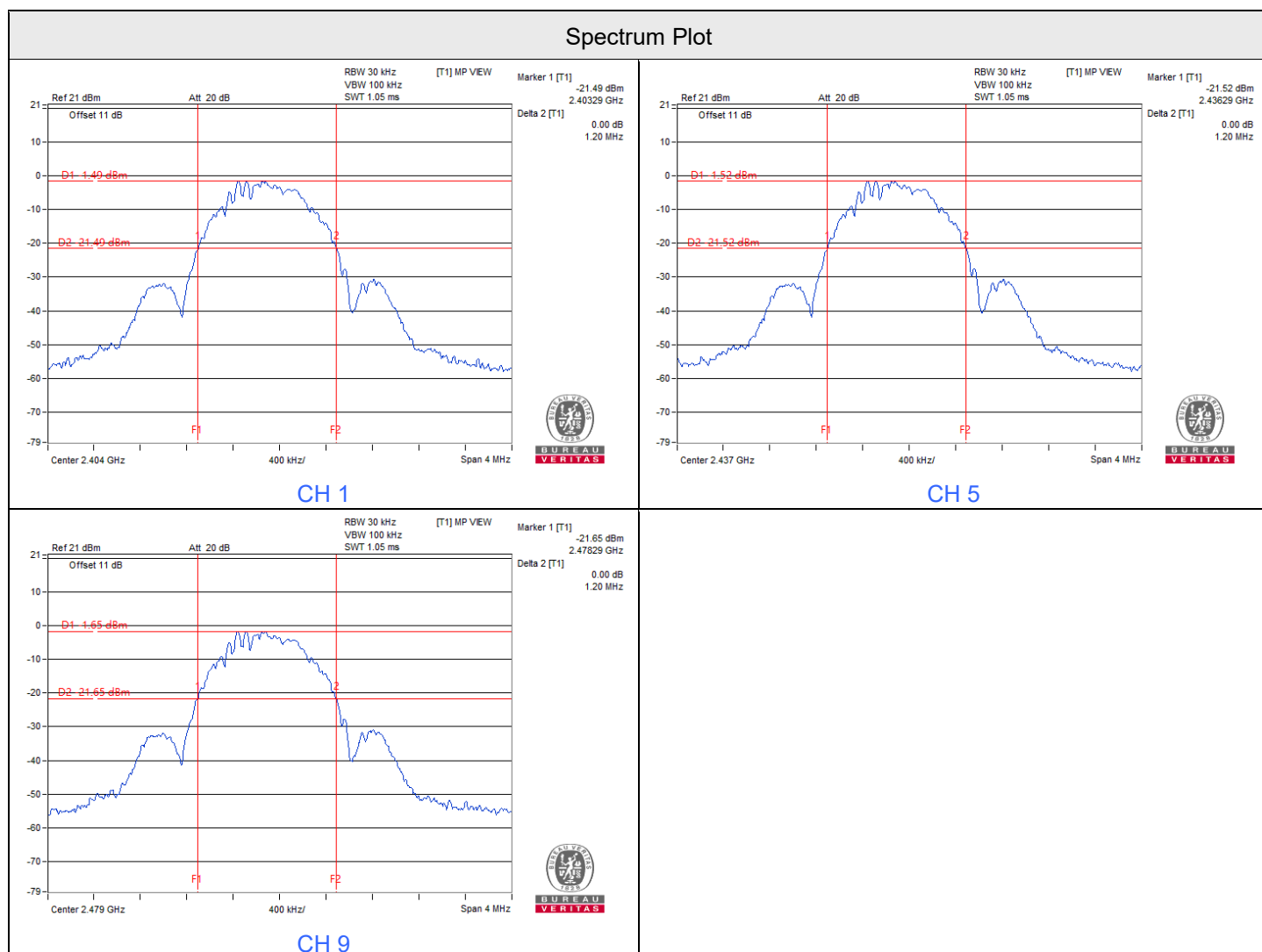
Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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SRD 1M

Channel	Channel Frequency (MHz)	20 dB Bandwidth (MHz)	Measured Frequencies		Operating Frequency Band (MHz)	Test Result
			FL (MHz)	FH (MHz)		
1	2404	1.2	2403.29	2404.49	2400 ~ 2483.5	Pass
5	2437	1.2	2436.29	2437.49		Pass
9	2479	1.2	2478.29	2479.49		Pass

Notes:

1. FL is the lowest frequency of the 20 dB bandwidth of power envelope.
2. FH is the highest frequency of the 20 dB bandwidth of power envelope.

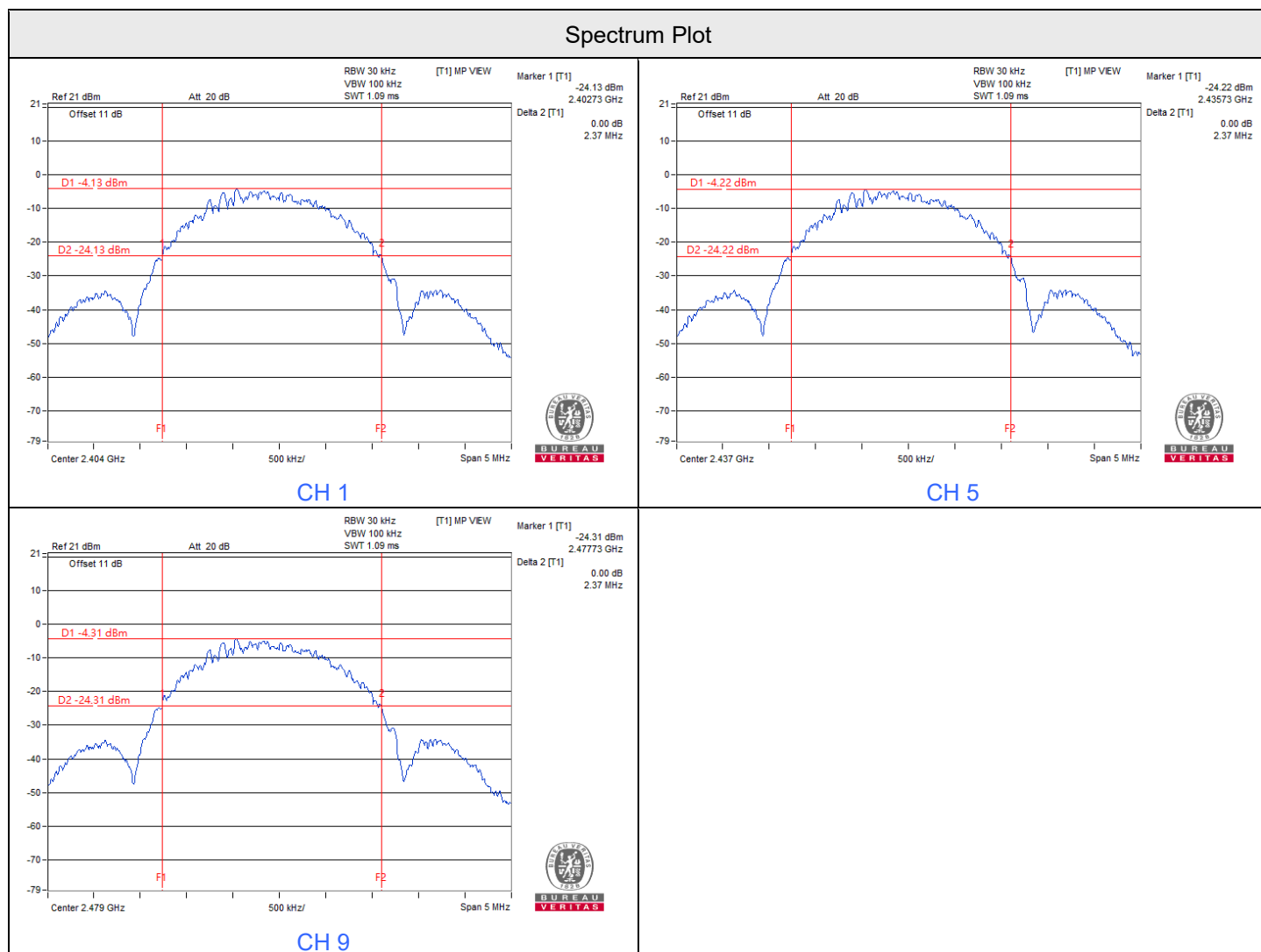


SRD 2M

Channel	Channel Frequency (MHz)	20 dB Bandwidth (MHz)	Measured Frequencies		Operating Frequency Band (MHz)	Test Result
			FL (MHz)	FH (MHz)		
1	2404	2.37	2402.73	2405.1	2400 ~ 2483.5	Pass
5	2437	2.37	2435.73	2438.1		Pass
9	2479	2.37	2477.73	2480.1		Pass

Notes:

1. FL is the lowest frequency of the 20 dB bandwidth of power envelope.
2. FH is the highest frequency of the 20 dB bandwidth of power envelope.



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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