FCC Radio Test Report

FCC ID: 2ABVH-OONA22-1W

Report No.	:	BTL-FCCP-3-2305G039
Equipment	:	Kiosk
Model Name	:	OONA22-1W
Brand Name	:	AAVA
Applicant	:	Aava Mobile Oy
Address	:	Nahkatehtaankatu 2, FI-90130 Oulu, Finland
Radio Function	:	WLAN 2.4 GHz
FCC Rule Part(s)	:	FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2023/5/11
Date of Test	:	2023/6/14 ~ 2023/6/15
Issued Date	:	2023/6/19

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by : Eric Lee, Engineer

Approved by : Jerry Chuang, Supervisor

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2305G039	R00	Original Report.	2023/6/19	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	NOTE (3)	Pass	------
15.205 15.209 15.247(d)	Radiated Emissions	APPENDIX A APPENDIX B	Pass	------
15.247(a)	Bandwidth	NOTE (3)	Pass	------
15.247(b)	Output Power	APPENDIX C	Pass	------
15.247(e)	Power Spectral Density	NOTE (3)	Pass	------
15.247(d)	Antenna conducted Spurious Emission	NOTE (3)	Pass	------
15.203	Antenna Requirement	------	Pass	------

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.
(3) The differences compared with test report BTL-FCCP-3-2102C297(FCC ID: 2ABVH-INARI8C1):
1) Changed product name, model name, display, product size, shell and adapter.
2) Removed part of main board features and battery.
3) Added 2*USB A-type ports, 2*USB Type-C ports and LAN port.
4) Changed the antennas structure and position.
After evaluated, the changes with respect to the original one, only output power and radiated emissions tests need to be verified.

The test records and results please refer to the test report number: BTL-FCCP-3-2102C297, issued date is Apr. 14, 2021, and issued by:
Test Laboratory: BTL Inc.
Address: No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People’s Republic of China.

Which was accredited by A2LA, accreditation number is 5123.02, with the scopes of cited standards in this test report.
This report is only valid conjunction with the above referenced test report.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report:

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
The test sites and facilities are covered under FCC RN: 674415 and DN: TW0659.
☐ C06 ☒ CB21 ☐ CB22

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
The test sites and facilities are covered under FCC RN: 674415 and DN: TW0659.
☐ C05 ☐ CB08 ☐ CB11 ☐ CB15 ☐ CB16
☐ SR05 ☒ SR10

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **U**, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k = 2**, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

A. Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

B. Conducted test :

Test Item	U,(dB)
Output power	0.3659

NOTE:
Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
Radiated emissions below 1 GHz	23 °C, 52 %	AC 120 V	Mark Wang
Radiated emissions above 1 GHz	23~24 °C, 52~58 %	AC 120 V	Mark Wang
Output Power	24.7 °C, 44 %	AC 120 V	Jay Tien

1.4 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

Test Software	QRCT v4.0.00189.0			
Mode	2412 MHz	2437 MHz	2462 MHz	Data Rate
IEEE 802.11b	12	12	12	1 Mbps
IEEE 802.11g	12	12.5	12	6 Mbps
IEEE 802.11n (HT20)	12.5	12	12	MCS 0
Mode	2422 MHz	2437 MHz	2452 MHz	Data Rate
IEEE 802.11n (HT40)	11.5	11.5	13	MCS 0

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Kiosk
Model Name	AAVA
Brand Name	OONA22-1W
Model Difference	N/A
Power Source	DC voltage supplied from AC adapter.
Power Rating	I/P: 100-240V~ 50/60Hz 1.7A O/P: 24.0V ⎓ 3.0A 72.0W
Products Covered	1* Adapter: J652-2403000DI
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps
Output Power Max.	IEEE 802.11b: 18.32 dBm (0.0679 W) IEEE 802.11g: 20.46 dBm (0.1111 W) IEEE 802.11n (HT20): 20.60 dBm (0.1148 W) IEEE 802.11n (HT40): 22.19 dBm (0.1657 W)
Test Model	OONA22-1W
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:
(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Channel List:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (HT20) CH03 – CH09 for IEEE 802.11n (HT40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	08	2447		

(3) Table for Filed Antenna:

Ant.	Brand Name	Model Name	Type	Connector	Gain (dBi)
1	PulseLarsen	W3006	Chip	N/A	1.94
2	PulseLarsen	W3006	Chip	N/A	1.02

Note:
1) This EUT supports CDD, and all antenna gains are not equal, so Directional gain= $10\log[(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2/N]$dBi, that is Directional gain=$10\log[(10^{1.94/20}+10^{1.02/20})^2/2]$dBi=4.50.

(4) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

(5) Operating Mode and Antenna Configuration

Operating Mode / TX Mode	2TX
IEEE 802.11b	V (Ant.1 + Ant. 2)
IEEE 802.11g	V (Ant.1 + Ant. 2)
IEEE 802.11n (HT20)	V (Ant.1 + Ant. 2)
IEEE 802.11n (HT40)	V (Ant.1 + Ant. 2)

2.2 TEST MODES

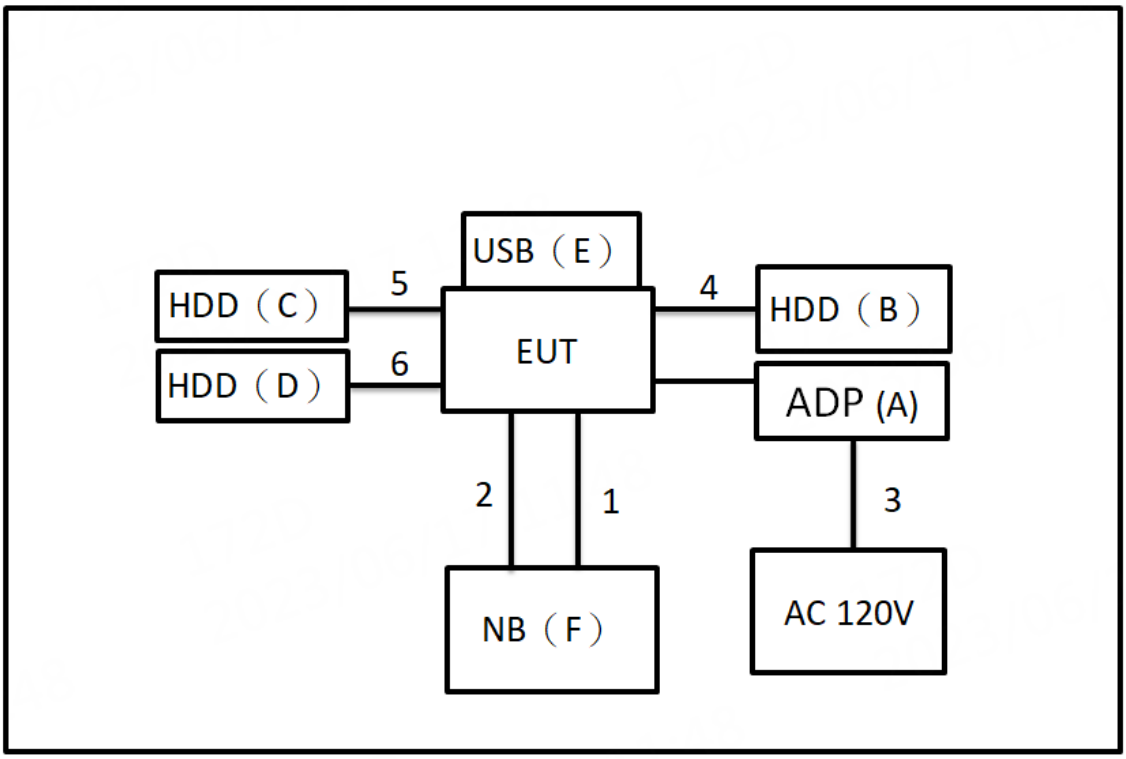
Test Items	Test mode	Channel	Note
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11n (HT40)	09	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (HT40)	03/09	
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/06/11	Harmonic
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (HT40)	03/06/09	
Output Power	TX Mode_IEEE 802.11b	01/06/11	-
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (HT40)	03/06/09	

NOTE:
(1) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.
(2) For radiated spurious emissions below 1 GHz test, the IEEE 802.11n (HT40) Channel 09 is found to be the worst case and recorded.
(3) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	ADP	UL	J652-2403000DI	N/A	Supplied by test requester.
B	USB 2.5" HDD	AKITIO	Neutrino U3.1	SK21D1621D003F	Furnished by test lab.
C	USB 2.5" HDD	AKITIO	Neutrino U3.1	SK21D1621D003F	Furnished by test lab.
D	USB 3.0 HDD	WD	WDBC3C0010BSL-0B	WX81A88ALJUC	Furnished by test lab.
E	USB	KINGSTON	N/A	N/A	Furnished by test lab.
F	NB	HP	TPN-C125	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	0.6m	USB TO TYPE-C	Furnished by test lab.
2	N/A	N/A	2m	RJ45 Cable	Furnished by test lab.
3	N/A	N/A	1.2m	POWER CORD	Supplied by test requester.
4	No	No	0.6m	TypeC to TypeC	Furnished by test lab.
5	No	No	1m	TypeC to TypeC	Furnished by test lab.
6	No	No	0.4m	TypeC to USB	Furnished by test lab.

3 RADIATED EMISSIONS TEST

3.1 LIMIT

In case the emission fall within the restricted band specified on 15.205, then the 15.209 limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

Frequency (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
960~1000	500	3

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Radiated Emissions (dBuV/m)		Measurement Distance (meters)
	Peak	Average	
Above 1000	74	54	3

NOTE:
(1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m)=20log Emission level (uV/m).
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value
Calculation example:

Reading Level		Correct Factor		Measurement Value
19.11	+	2.11	=	21.22

Measurement Value		Limit Value		Margin Level
21.22	-	54	=	-32.78

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average

Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

3.2 TEST PROCEDURE

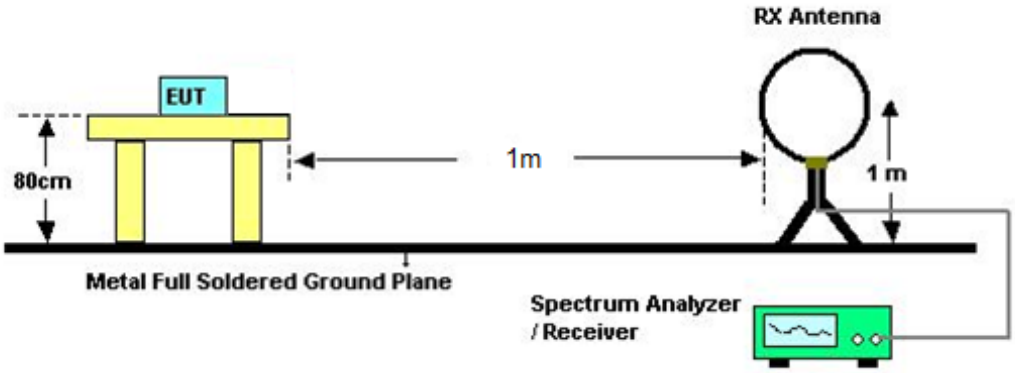
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. 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 find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

3.3 DEVIATION FROM TEST STANDARD

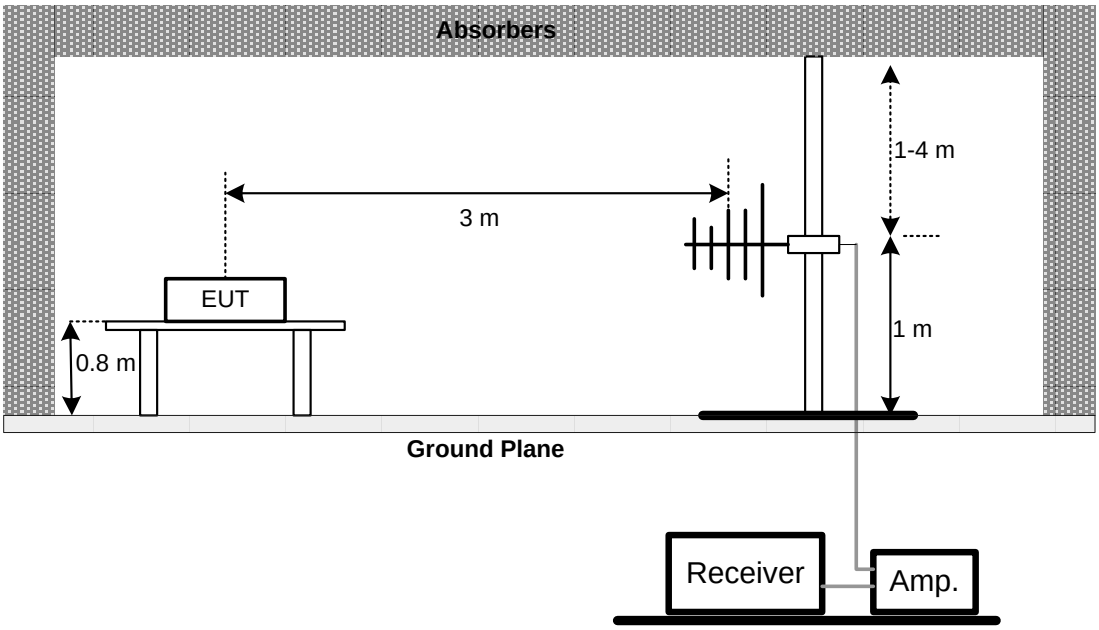
No deviation.

3.4 TEST SETUP

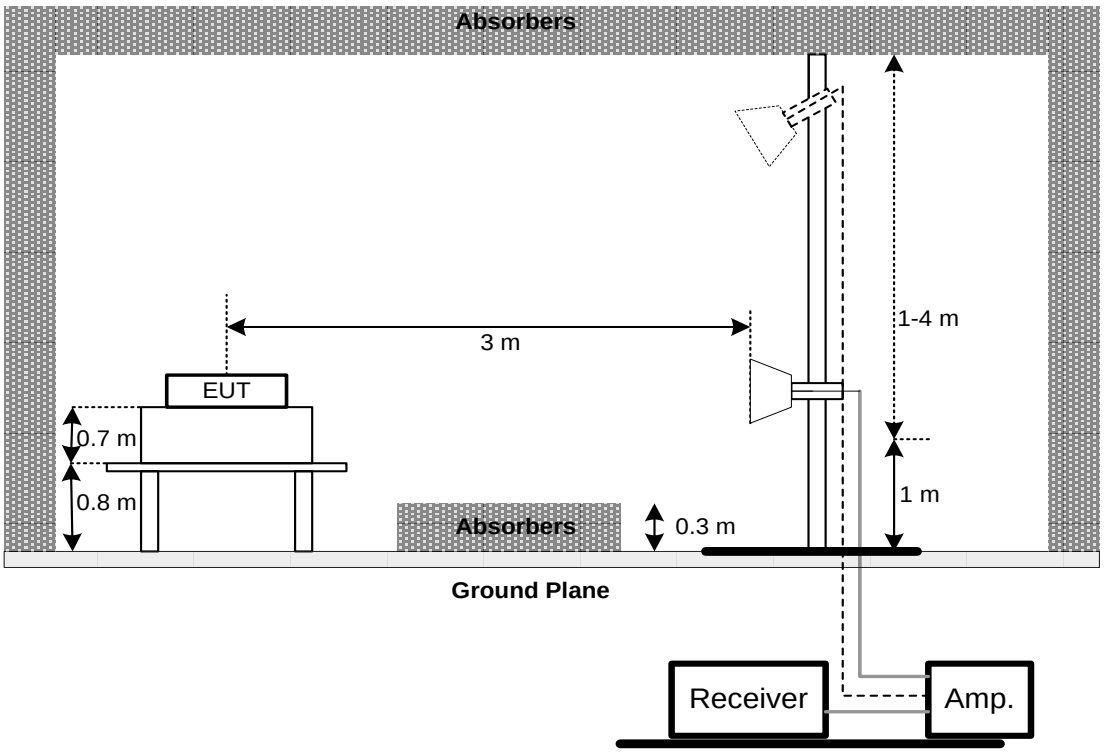
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



3.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULT – BELOW 30 MHZ

There were no emissions found below 30 MHz within 20 dB of the limit.

3.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX A.

3.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX B.

NOTE:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

4 OUTPUT POWER

4.1 LIMIT

FCC Part15 (15.247) , Subpart C		
Section	Test Item	Limit
15.247(b)	Maximum Output Power	1 Watt or 30dBm

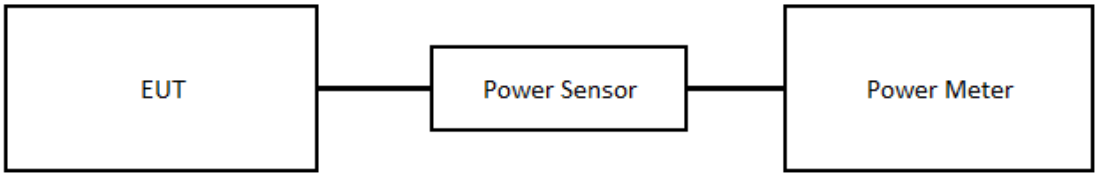
4.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. The maximum peak conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.
c. Subclause 11.9.1.1 of ANSI C63.10 is applied. The maximum peak conducted output power may be measured using a broadband peak RF power meter.
The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

4.3 DEVIATION FROM TEST STANDARD

No deviation.

4.4 TEST SETUP



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT

Please refer to the APPENDIX C.

5 LIST OF MEASURING EQUIPMENTS

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2022/9/19	2023/9/18
2	Preamplifier	EMCI	EMC118A45SE	980819	2023/3/7	2024/3/6
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2022/9/28	2023/9/27
4	Preamplifier	EMCI	EMC001340	980579	2022/9/30	2023/9/29
5	Test Cable	EMCI	EMC104-SM-SM-1000	220319	2023/3/14	2024/3/13
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2023/3/14	2024/3/13
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2023/3/14	2024/3/13
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2022/9/19	2023/9/18
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2023/5/12	2024/5/11
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2023/5/12	2024/5/11
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
14	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2023/3/14	2024/3/13
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2023/3/14	2024/3/13
16	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	100129	2022/10/7	2023/10/7

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

6 EUT TEST PHOTO

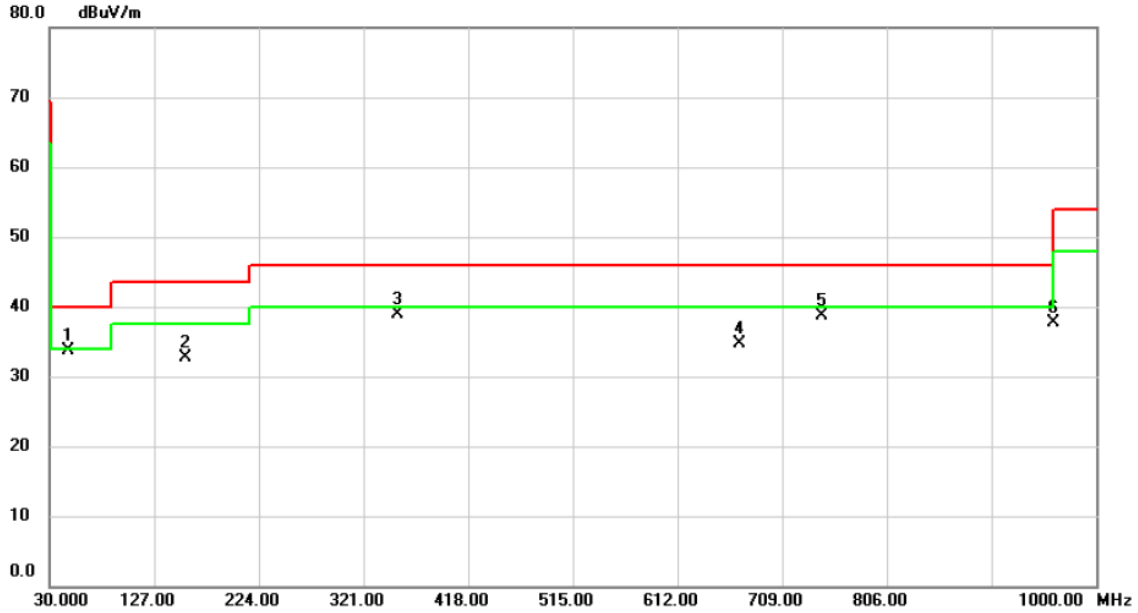
Please refer to document Appendix No.: TP-2305G039-1 (APPENDIX-TEST PHOTOS).

7 EUT PHOTOS

Please refer to document Appendix No.: EP-2305G039-1 (APPENDIX-EUT PHOTOS).

APPENDIX A RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

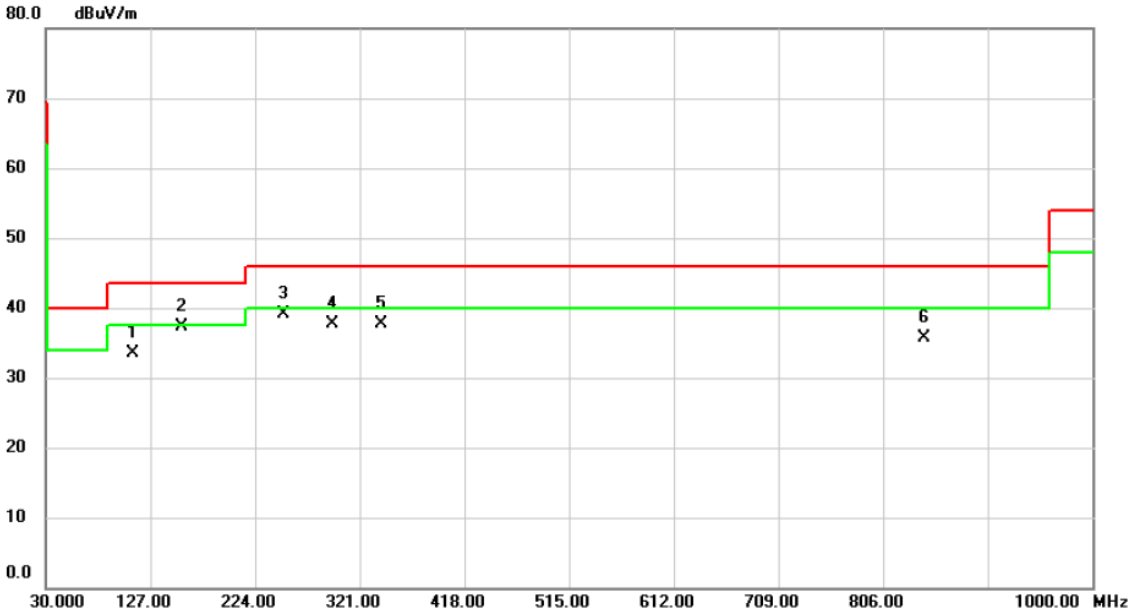
Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/15
Test Frequency	2452MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	47.1043	44.89	-11.26	33.63	40.00	-6.37	peak	
2		156.0030	44.68	-11.97	32.71	43.50	-10.79	peak	
3		353.3333	48.98	-10.14	38.84	46.00	-7.16	peak	
4		670.0060	37.64	-3.03	34.61	46.00	-11.39	peak	
5		746.3450	40.21	-1.60	38.61	46.00	-7.39	peak	
6		960.0037	36.33	1.39	37.72	54.00	-16.28	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/15
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%

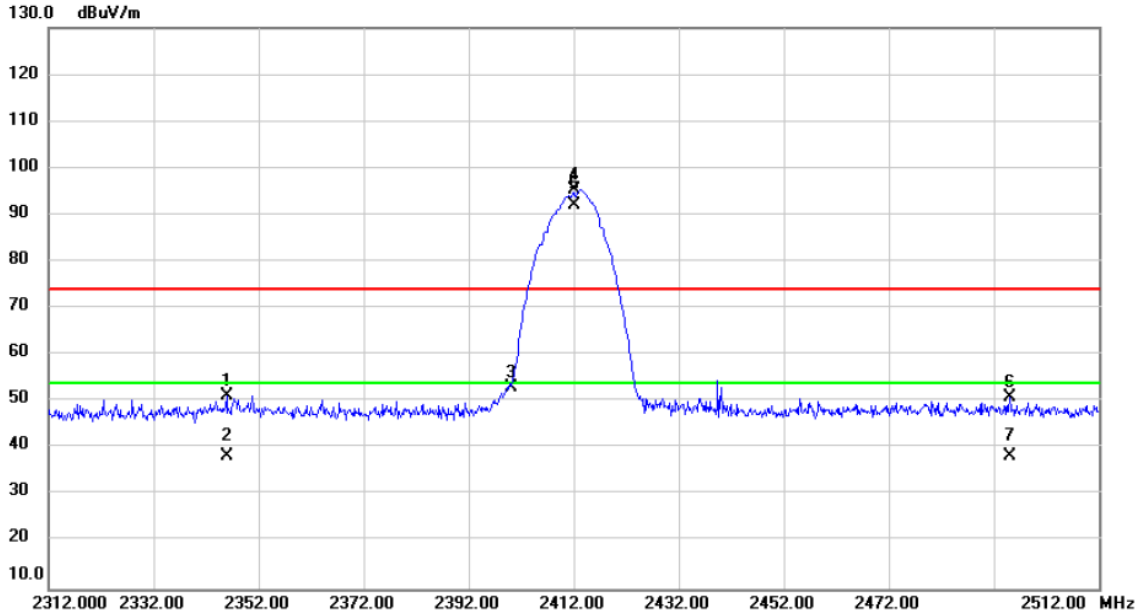


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		110.8010	48.64	-15.11	33.53	43.50	-9.97	QP	
2	*	156.0030	49.30	-11.97	37.33	43.50	-6.17	QP	
3		250.0283	52.20	-13.14	39.06	46.00	-6.94	QP	
4		295.2627	49.12	-11.40	37.72	46.00	-8.28	QP	
5		340.5940	48.18	-10.44	37.74	46.00	-8.26	QP	
6		844.2180	35.84	-0.16	35.68	46.00	-10.32	QP	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX B RADIATED EMISSIONS - ABOVE 1 GHZ

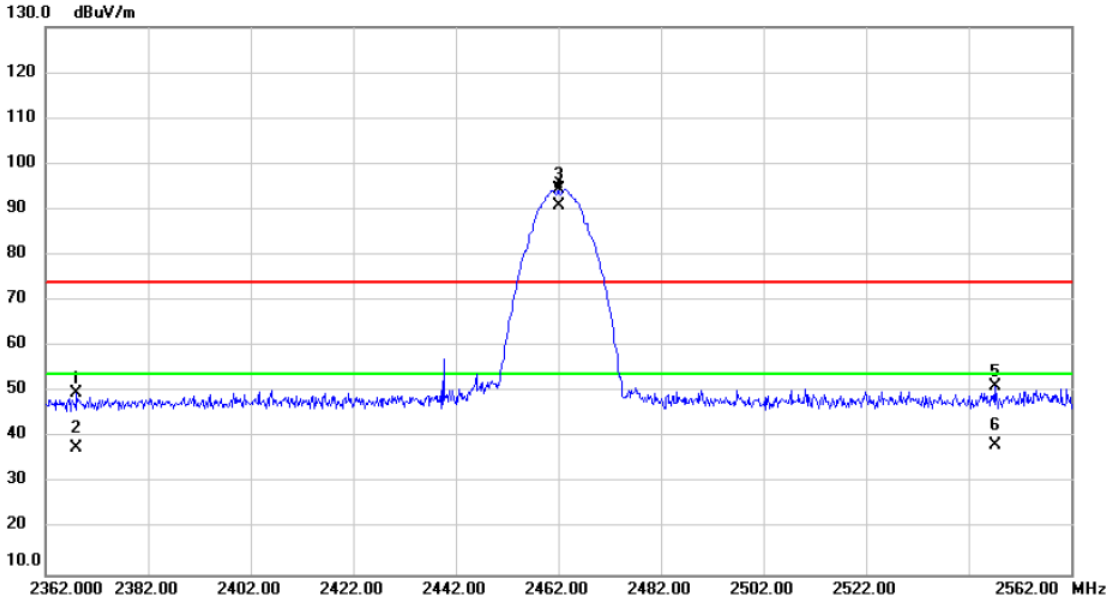
Test Mode	IEEE 802.11b	Test Date	2023/6/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2345.940	56.79	-5.46	51.33	74.00	-22.67	peak	
2		2345.940	43.71	-5.46	38.25	54.00	-15.75	AVG	
3		2400.000	58.33	-5.37	52.96	74.00	-21.04	peak	No Limit
4	X	2412.000	100.70	-5.34	95.36	74.00	21.36	peak	No Limit
5	*	2412.000	97.32	-5.34	91.98	54.00	37.98	AVG	No Limit
6		2495.073	56.06	-5.20	50.86	74.00	-23.14	peak	
7		2495.073	43.42	-5.20	38.22	54.00	-15.78	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

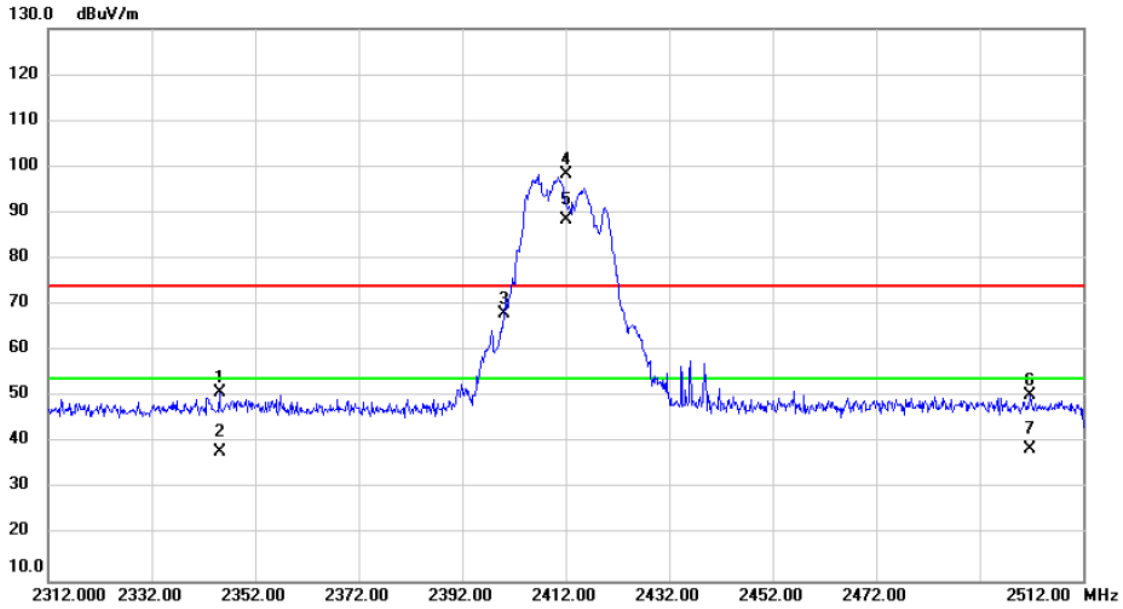
Test Mode	IEEE 802.11b	Test Date	2023/6/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2368.087	55.28	-5.42	49.86	74.00	-24.14	peak	
2		2368.087	43.11	-5.42	37.69	54.00	-16.31	AVG	
3	X	2462.000	99.63	-5.26	94.37	74.00	20.37	peak	No Limit
4	*	2462.000	96.04	-5.26	90.78	54.00	36.78	AVG	No Limit
5		2547.133	56.21	-5.04	51.17	74.00	-22.83	peak	
6		2547.133	43.35	-5.04	38.31	54.00	-15.69	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

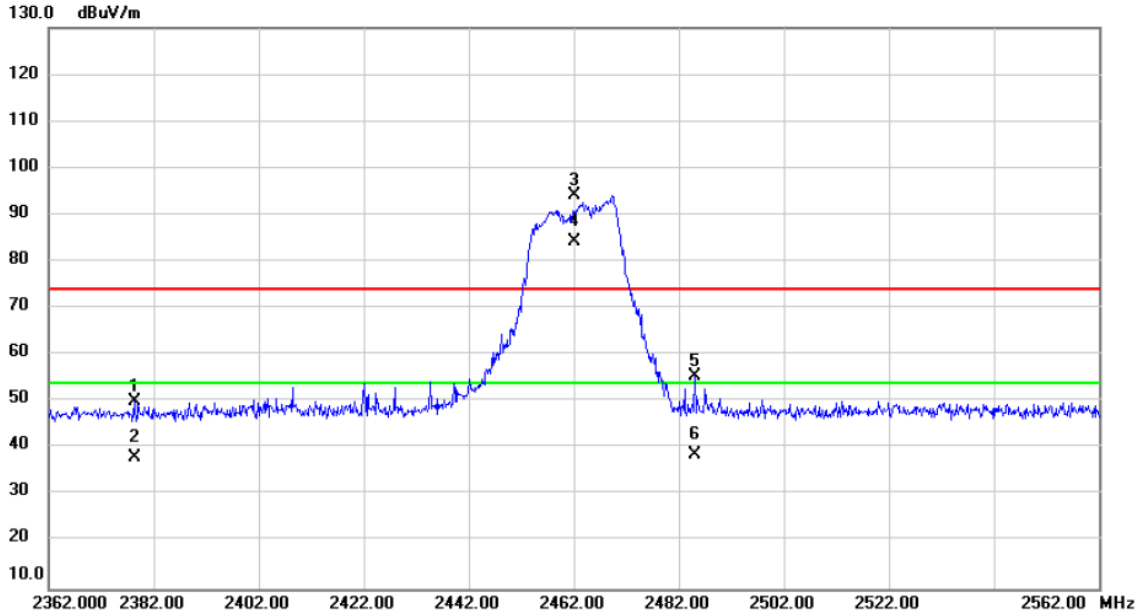
Test Mode	IEEE 802.11g	Test Date	2023/6/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2345.127	56.28	-5.46	50.82	74.00	-23.18	peak	
2		2345.127	43.65	-5.46	38.19	54.00	-15.81	AVG	
3		2400.000	73.42	-5.37	68.05	74.00	-5.95	peak	No Limit
4	X	2412.000	103.64	-5.34	98.30	74.00	24.30	peak	No Limit
5	*	2412.000	93.68	-5.34	88.34	54.00	34.34	AVG	No Limit
6		2501.860	55.67	-5.19	50.48	74.00	-23.52	peak	
7		2501.860	43.78	-5.19	38.59	54.00	-15.41	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

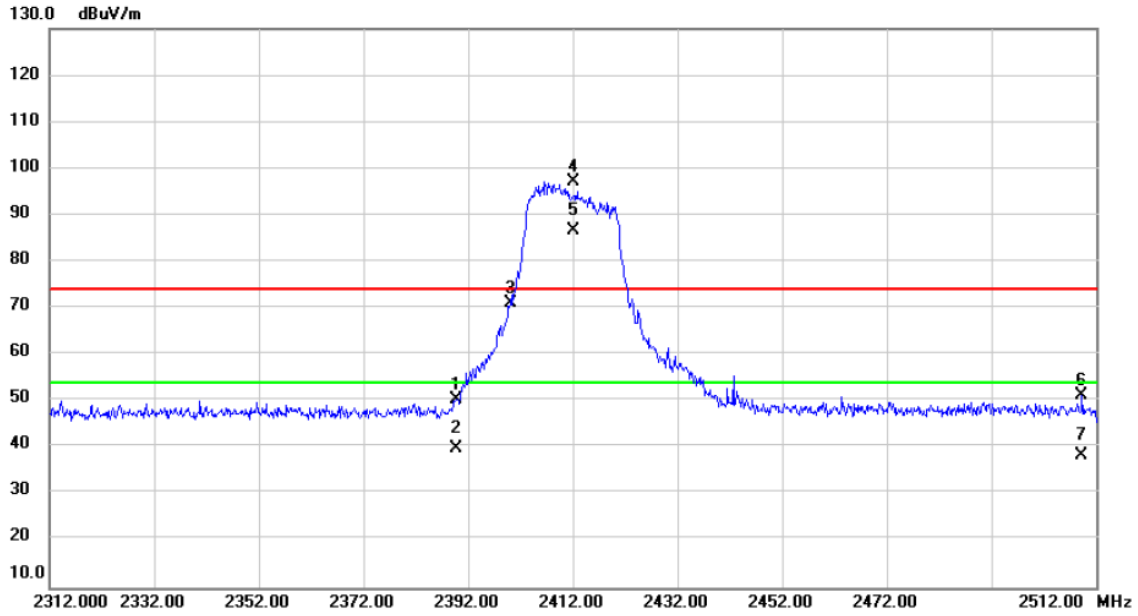
Test Mode	IEEE 802.11g	Test Date	2023/6/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2378.380	55.58	-5.40	50.18	74.00	-23.82	peak	
2		2378.380	43.41	-5.40	38.01	54.00	-15.99	AVG	
3	X	2462.000	99.34	-5.26	94.08	74.00	20.08	peak	No Limit
4	*	2462.000	89.47	-5.26	84.21	54.00	30.21	AVG	No Limit
5		2485.033	60.53	-5.21	55.32	74.00	-18.68	peak	
6		2485.033	43.81	-5.21	38.60	54.00	-15.40	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

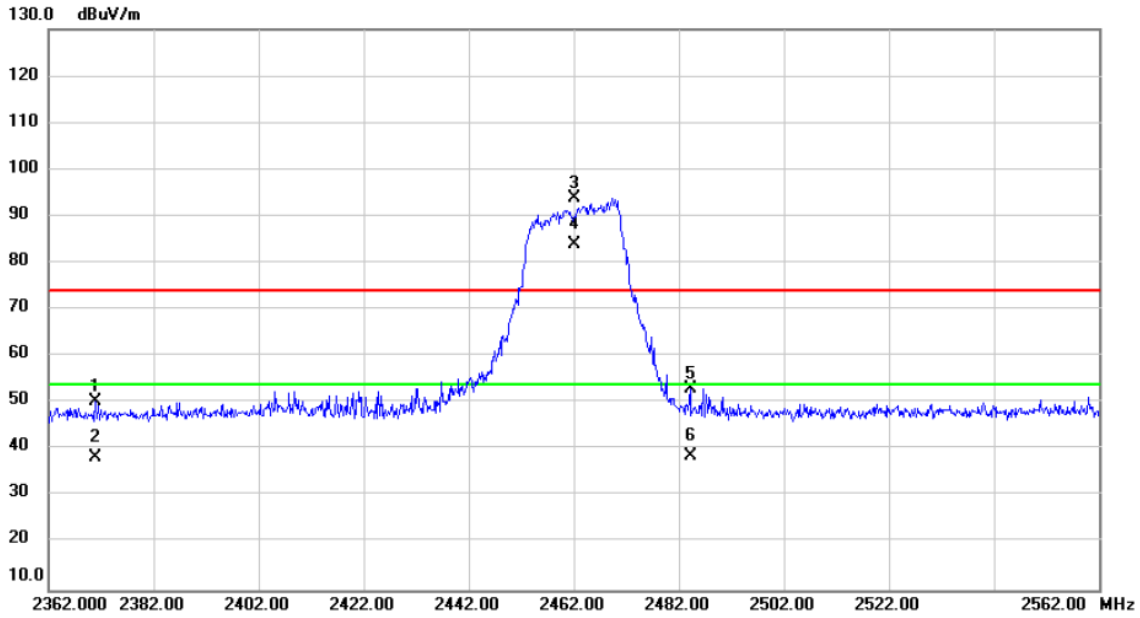
Test Mode	IEEE 802.11n(HT20)	Test Date	2023/6/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.827	55.64	-5.39	50.25	74.00	-23.75	peak	
2		2389.827	45.19	-5.39	39.80	54.00	-14.20	AVG	
3		2400.000	76.30	-5.37	70.93	74.00	-3.07	peak	No Limit
4	X	2412.000	102.36	-5.34	97.02	74.00	23.02	peak	No Limit
5	*	2412.000	92.13	-5.34	86.79	54.00	32.79	AVG	No Limit
6		2509.240	56.45	-5.16	51.29	74.00	-22.71	peak	
7		2509.240	43.58	-5.16	38.42	54.00	-15.58	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

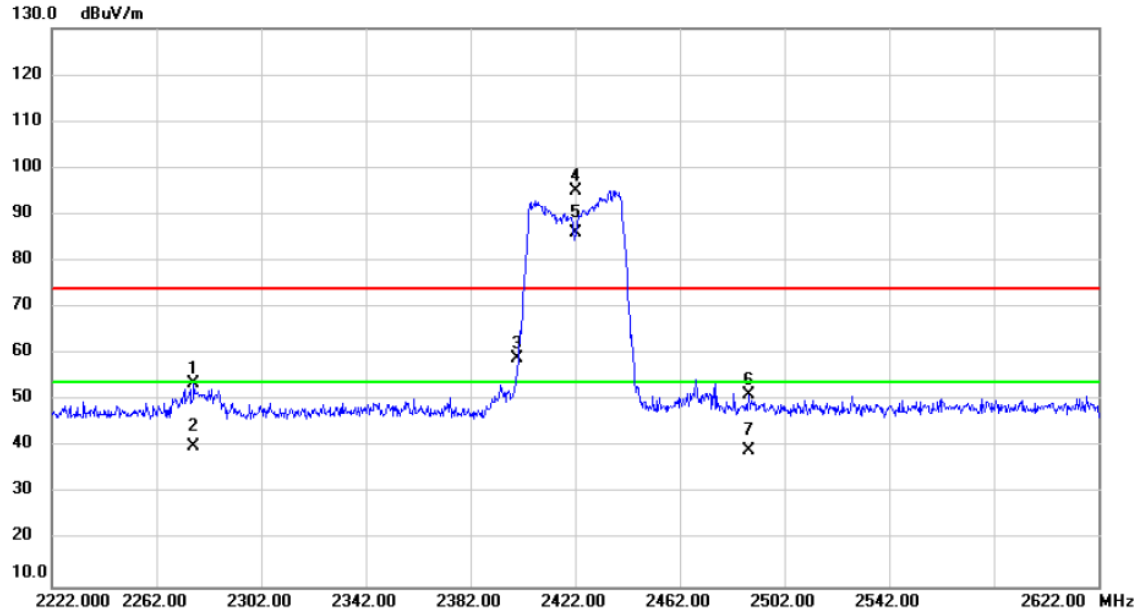
Test Mode	IEEE 802.11n(HT20)	Test Date	2023/6/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2370.960	55.82	-5.41	50.41	74.00	-23.59	peak	
2		2370.960	43.61	-5.41	38.20	54.00	-15.80	AVG	
3	X	2462.000	99.10	-5.26	93.84	74.00	19.84	peak	No Limit
4	*	2462.000	89.21	-5.26	83.95	54.00	29.95	AVG	No Limit
5		2484.167	58.35	-5.23	53.12	74.00	-20.88	peak	
6		2484.167	43.98	-5.23	38.75	54.00	-15.25	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

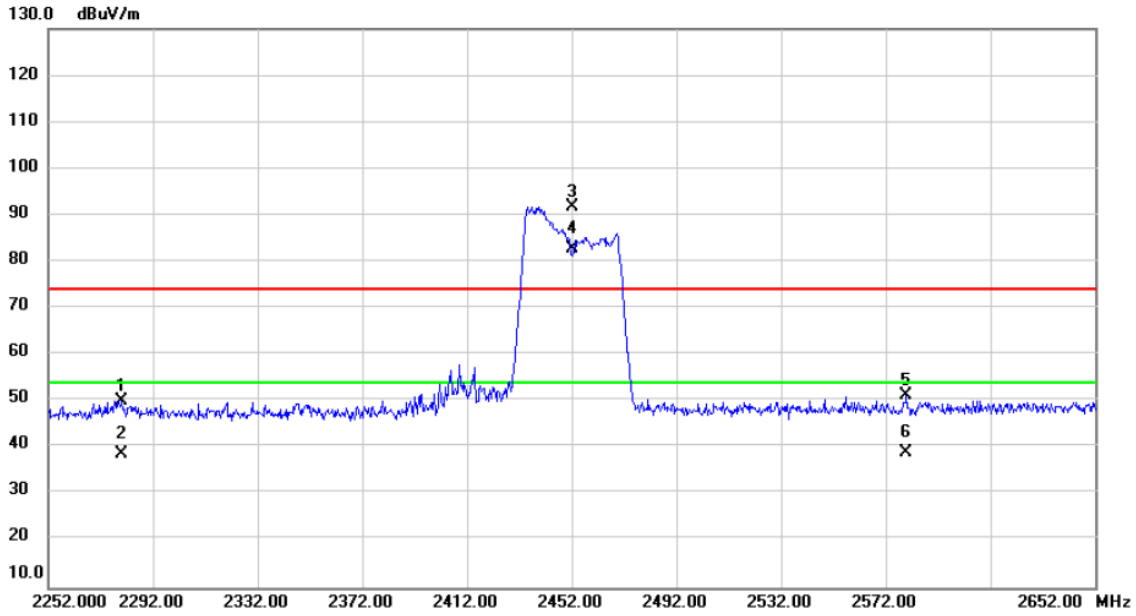
Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2276.147	59.17	-5.58	53.59	74.00	-20.41	peak	
2		2276.147	45.66	-5.58	40.08	54.00	-13.92	AVG	
3		2400.000	64.42	-5.37	59.05	74.00	-14.95	peak	No Limit
4	X	2422.000	100.45	-5.32	95.13	74.00	21.13	peak	No Limit
5	*	2422.000	91.30	-5.32	85.98	54.00	31.98	AVG	No Limit
6		2488.413	56.34	-5.21	51.13	74.00	-22.87	peak	
7		2488.413	44.57	-5.21	39.36	54.00	-14.64	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

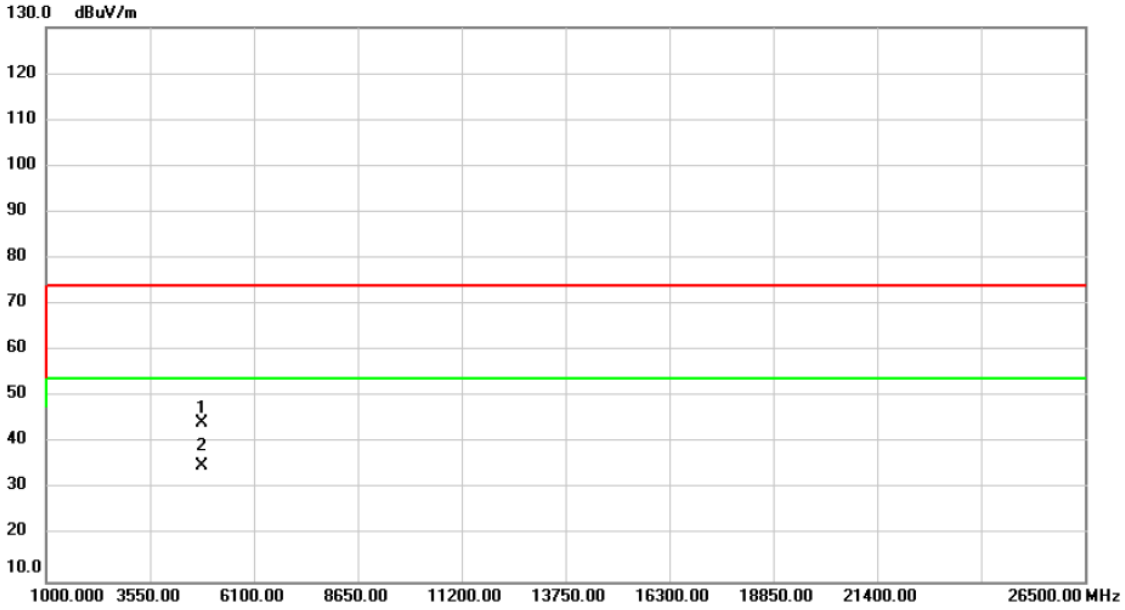
Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/14
Test Frequency	2452MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2280.027	55.64	-5.57	50.07	74.00	-23.93	peak	
2		2280.027	44.10	-5.57	38.53	54.00	-15.47	AVG	
3	X	2452.000	97.09	-5.28	91.81	74.00	17.81	peak	No Limit
4	*	2452.000	87.91	-5.28	82.63	54.00	28.63	AVG	No Limit
5		2579.840	56.20	-4.92	51.28	74.00	-22.72	peak	
6		2579.840	44.00	-4.92	39.08	54.00	-14.92	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

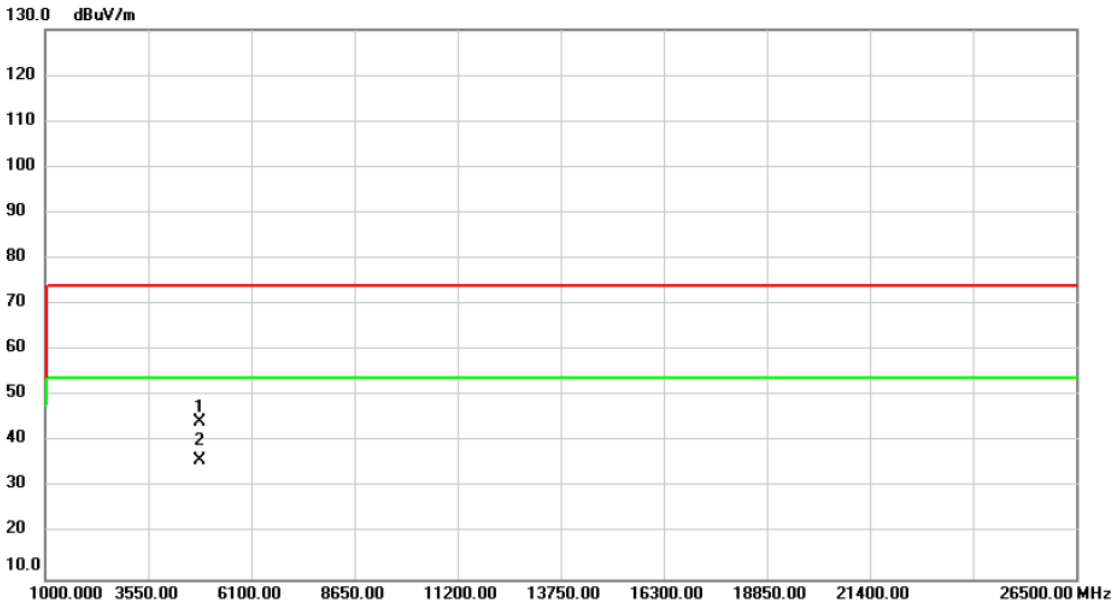
Test Mode	IEEE 802.11b	Test Date	2023/6/14
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.77	0.59	44.36	74.00	-29.64	peak	
2	*	4824.000	34.58	0.59	35.17	54.00	-18.83	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

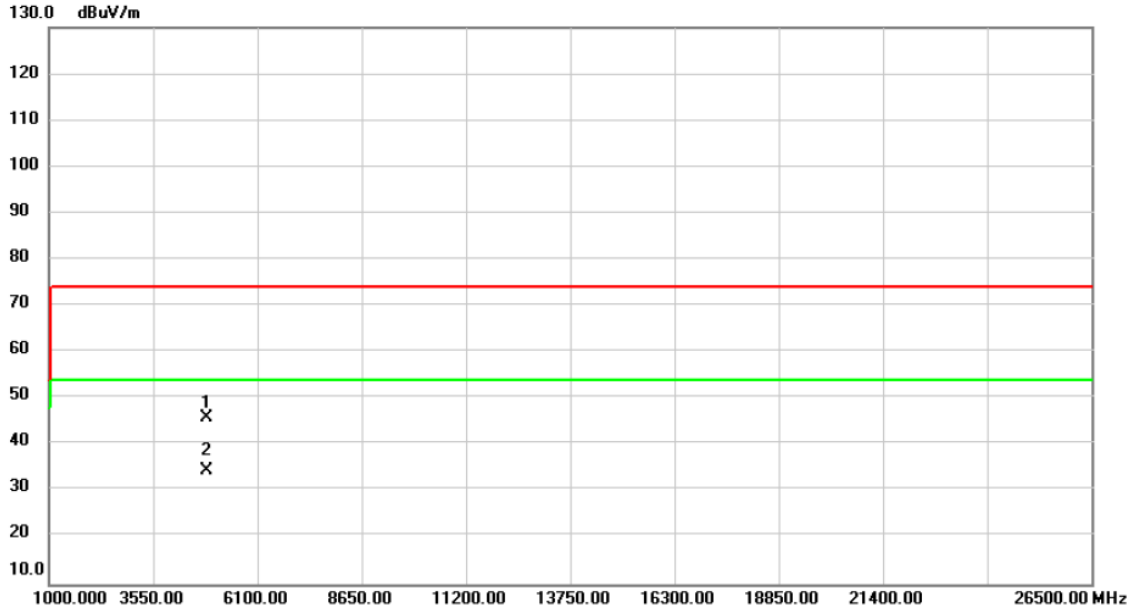
Test Mode	IEEE 802.11b	Test Date	2023/6/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.72	0.59	44.31	74.00	-29.69	peak	
2	*	4824.000	35.36	0.59	35.95	54.00	-18.05	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

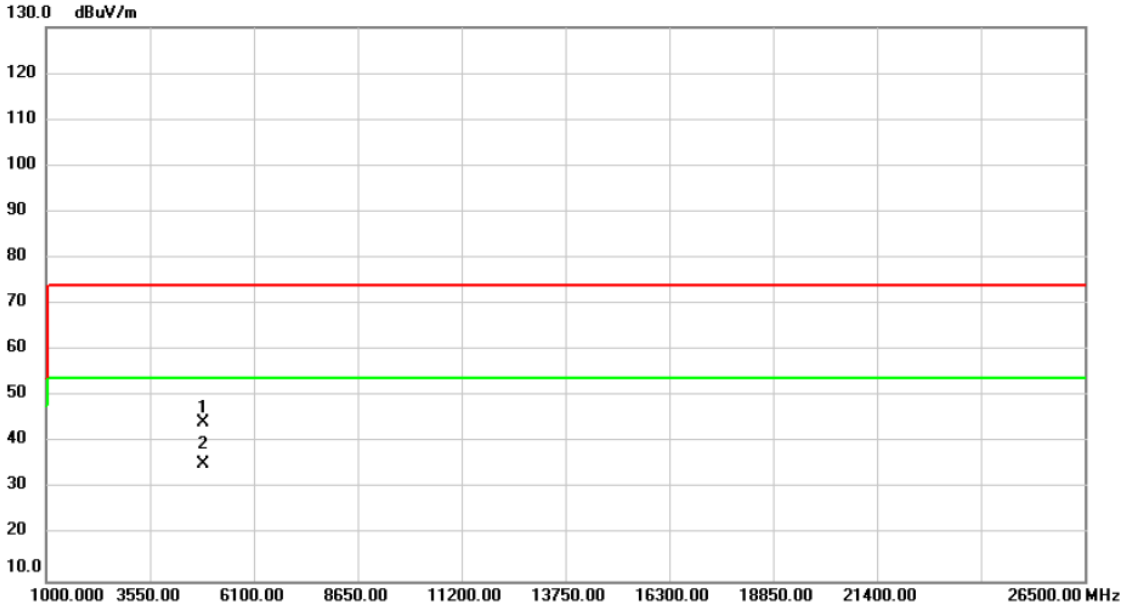
Test Mode	IEEE 802.11b	Test Date	2023/6/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.22	0.74	45.96	74.00	-28.04	peak	
2	*	4874.000	33.81	0.74	34.55	54.00	-19.45	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

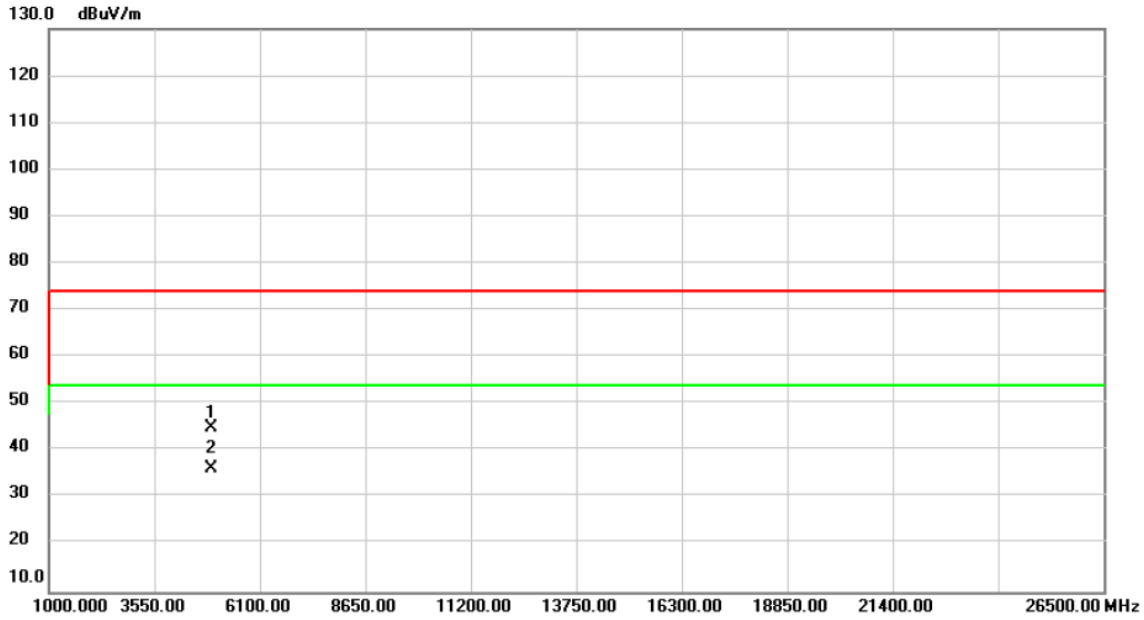
Test Mode	IEEE 802.11b	Test Date	2023/6/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	43.70	0.74	44.44	74.00	-29.56	peak	
2	*	4874.000	34.50	0.74	35.24	54.00	-18.76	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

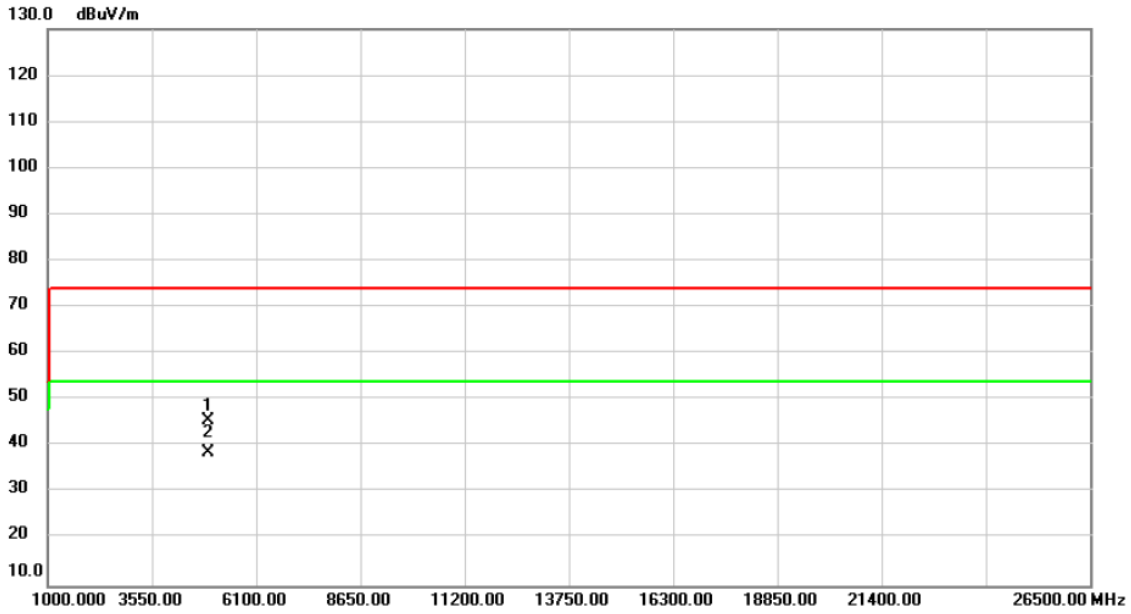
Test Mode	IEEE 802.11b	Test Date	2023/6/14
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	43.98	0.89	44.87	74.00	-29.13	peak	
2	*	4924.000	35.33	0.89	36.22	54.00	-17.78	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

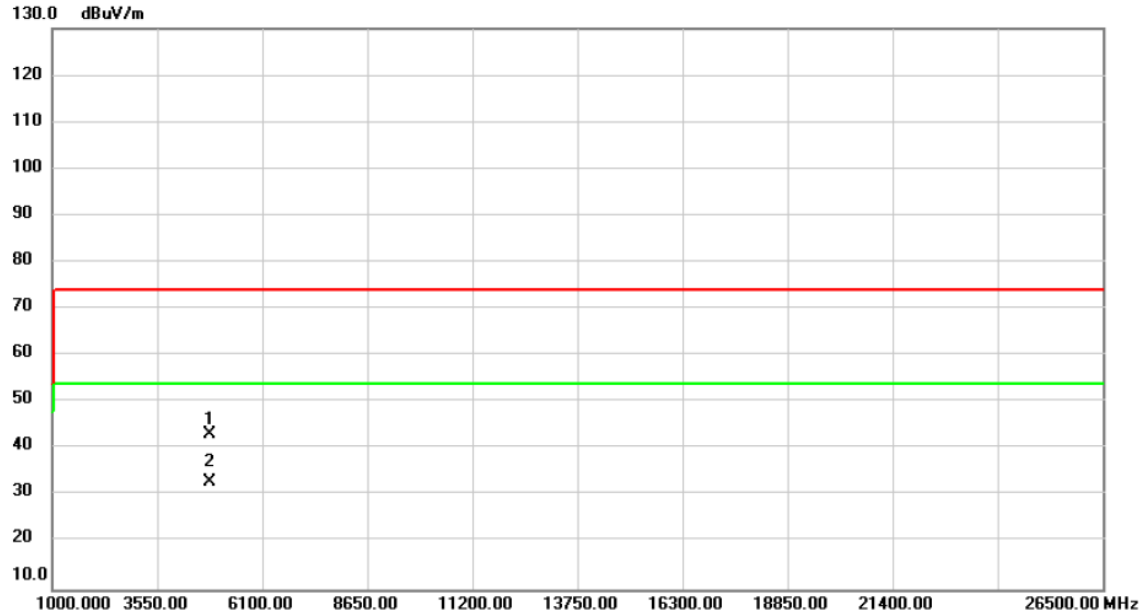
Test Mode	IEEE 802.11b	Test Date	2023/6/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.62	0.89	45.51	74.00	-28.49	peak	
2	*	4924.000	37.89	0.89	38.78	54.00	-15.22	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

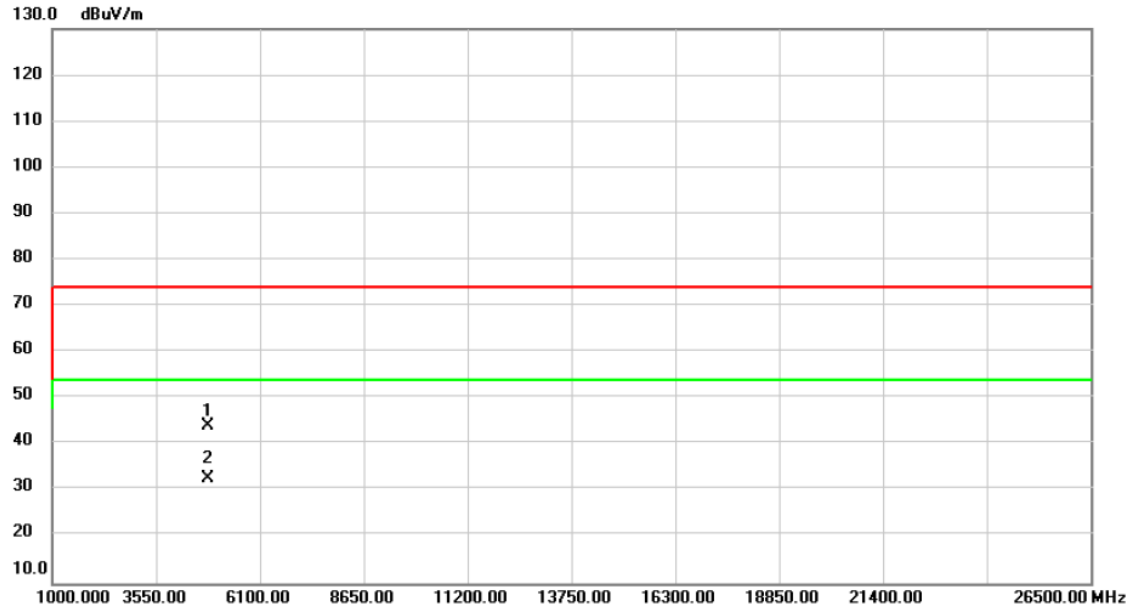
Test Mode	IEEE 802.11g	Test Date	2023/6/15
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	42.66	0.59	43.25	74.00	-30.75	peak	
2	*	4824.000	32.30	0.59	32.89	54.00	-21.11	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

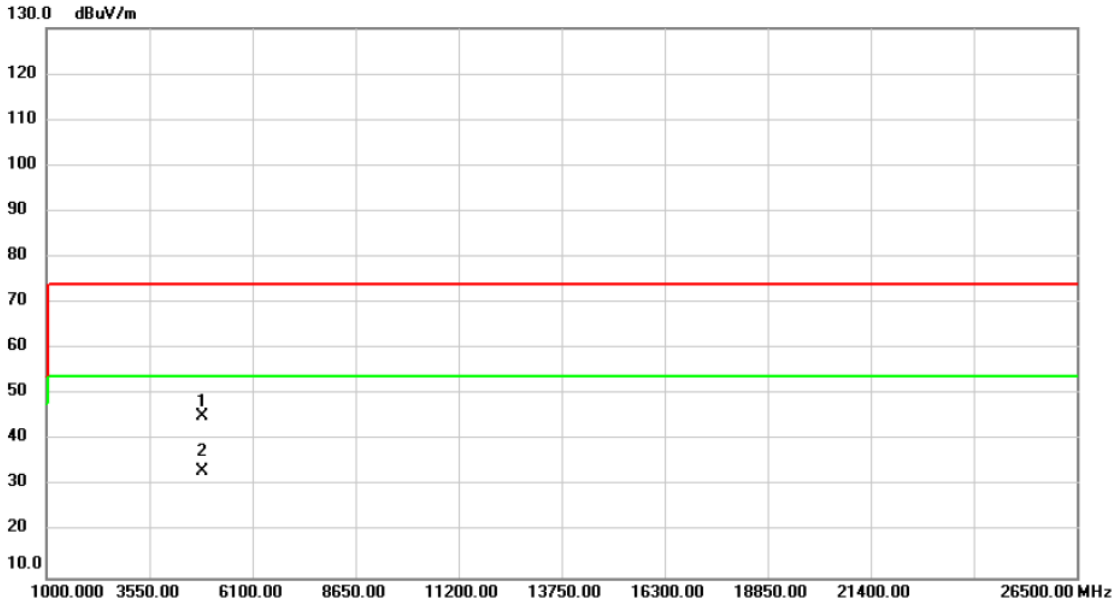
Test Mode	IEEE 802.11g	Test Date	2023/6/15
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.43	0.59	44.02	74.00	-29.98	peak	
2	*	4824.000	32.06	0.59	32.65	54.00	-21.35	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

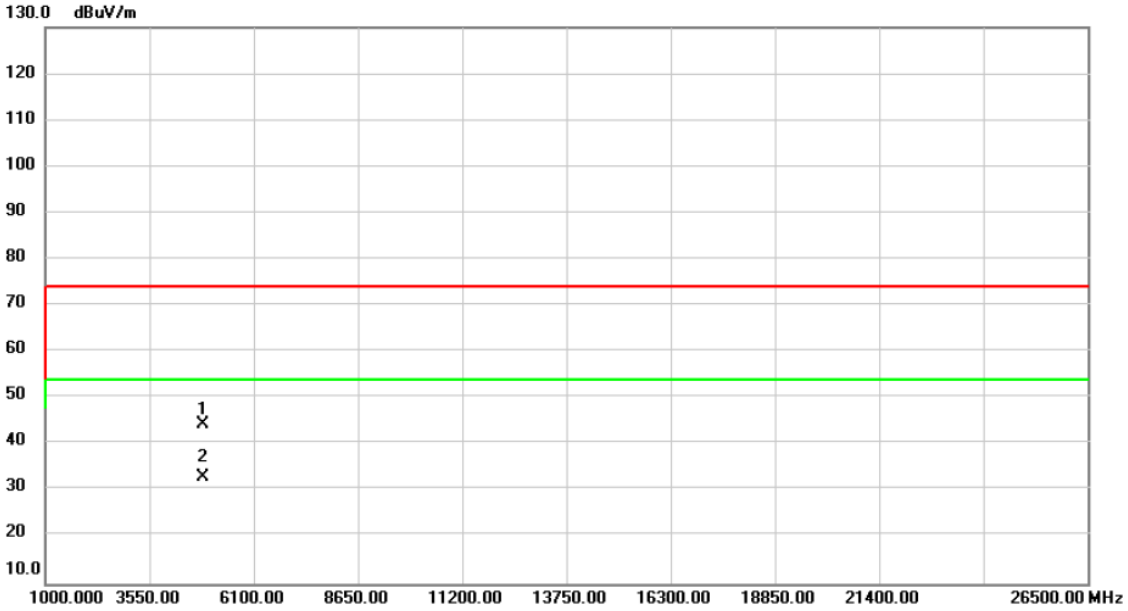
Test Mode	IEEE 802.11g	Test Date	2023/6/15
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.47	0.74	45.21	74.00	-28.79	peak	
2	*	4874.000	32.65	0.74	33.39	54.00	-20.61	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

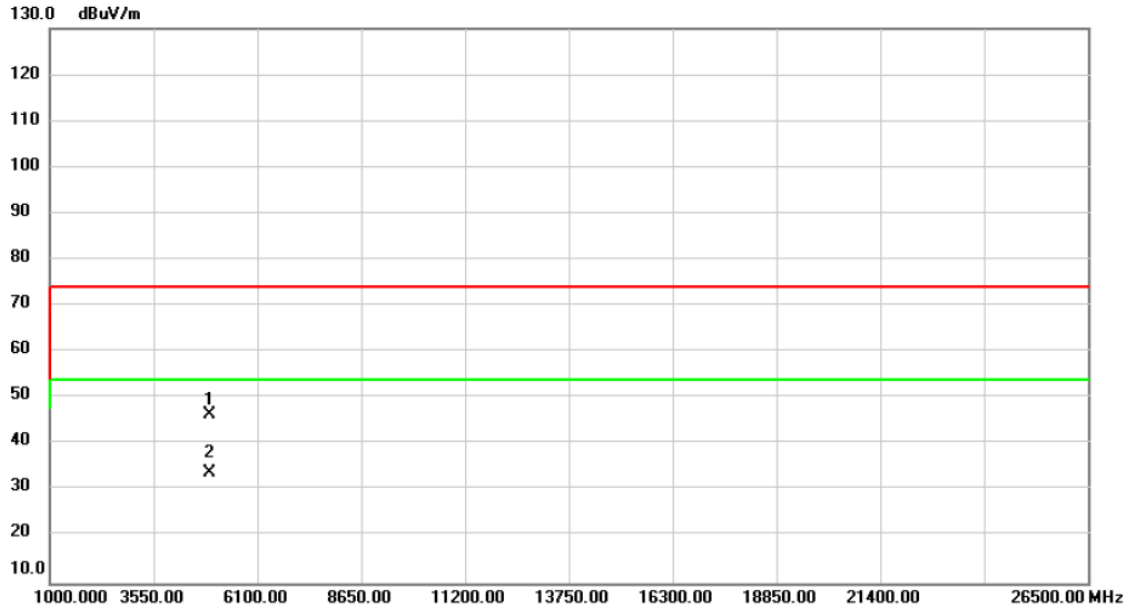
Test Mode	IEEE 802.11g	Test Date	2023/6/15
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	43.66	0.74	44.40	74.00	-29.60	peak	
2	*	4874.000	32.19	0.74	32.93	54.00	-21.07	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

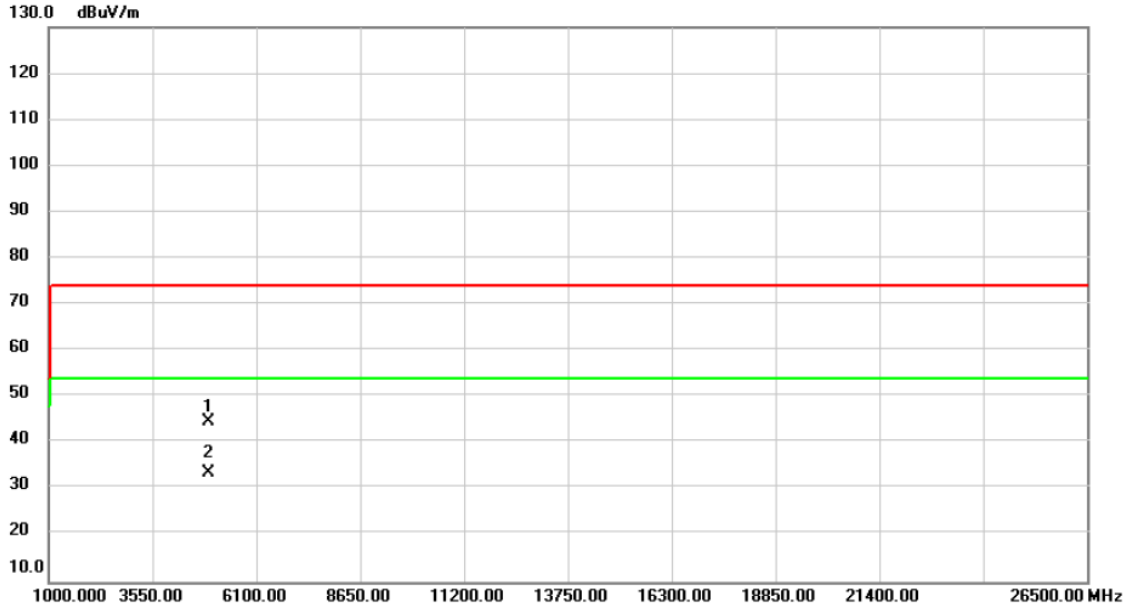
Test Mode	IEEE 802.11g	Test Date	2023/6/15
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.64	0.89	46.53	74.00	-27.47	peak	
2	*	4924.000	32.83	0.89	33.72	54.00	-20.28	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

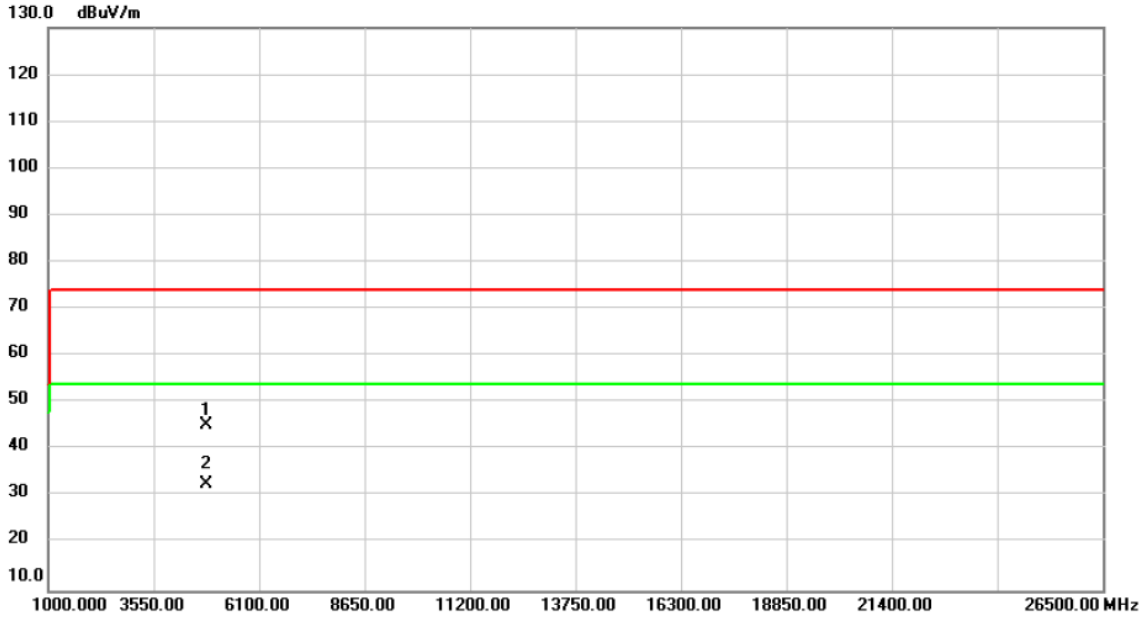
Test Mode	IEEE 802.11g	Test Date	2023/6/15
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	43.91	0.89	44.80	74.00	-29.20	peak	
2	*	4924.000	32.79	0.89	33.68	54.00	-20.32	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

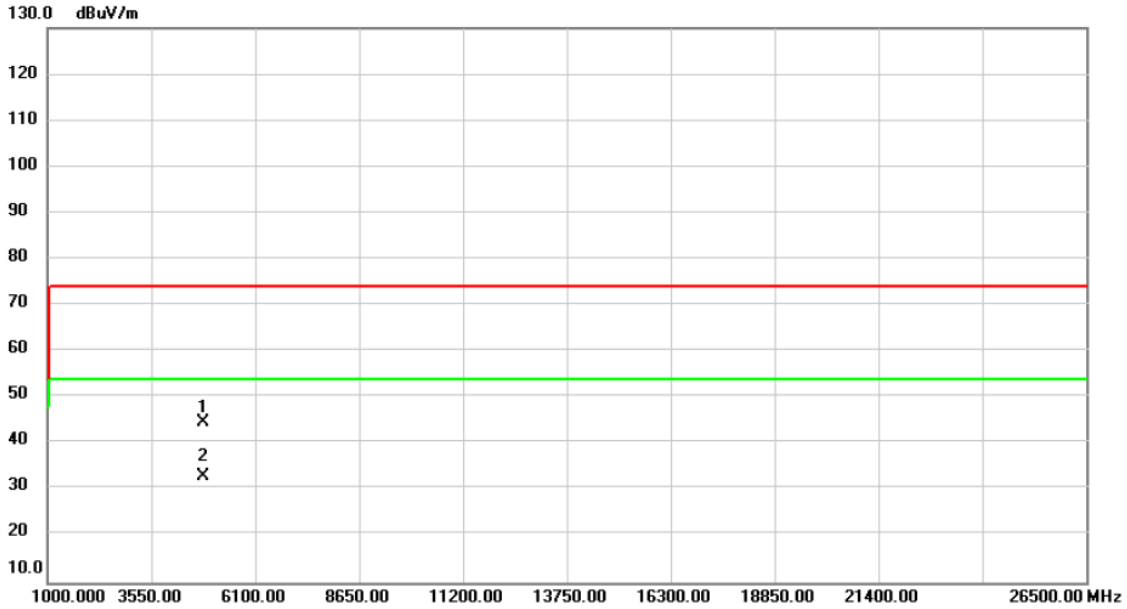
Test Mode	IEEE 802.11n(HT20)	Test Date	2023/6/15
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.69	0.59	45.28	74.00	-28.72	peak	
2	*	4824.000	32.14	0.59	32.73	54.00	-21.27	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

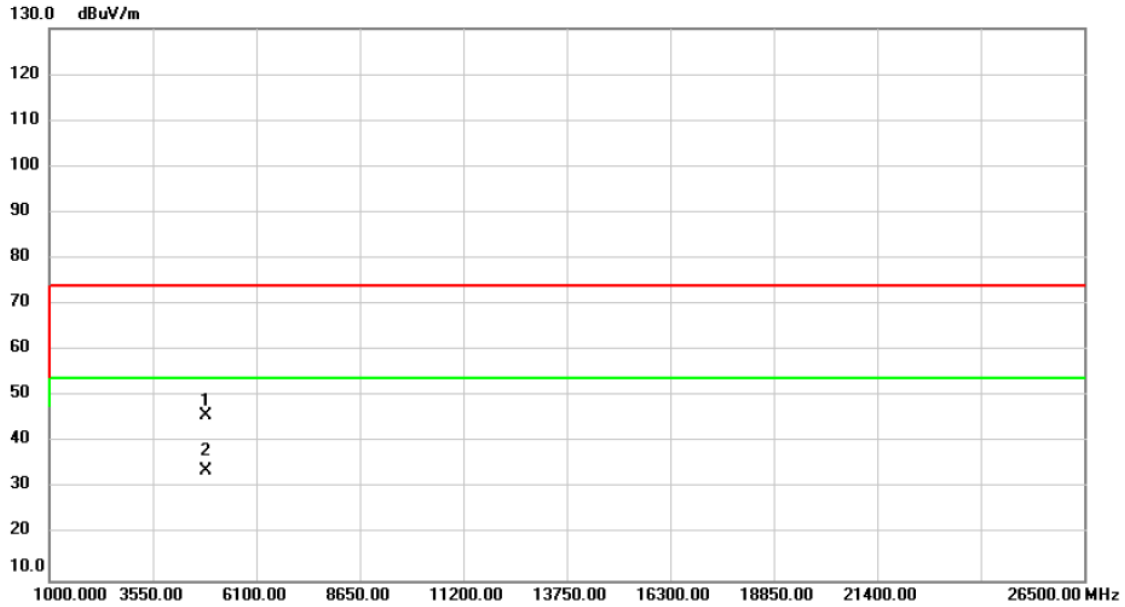
Test Mode	IEEE 802.11n(HT20)	Test Date	2023/6/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.08	0.59	44.67	74.00	-29.33	peak	
2	*	4824.000	32.39	0.59	32.98	54.00	-21.02	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

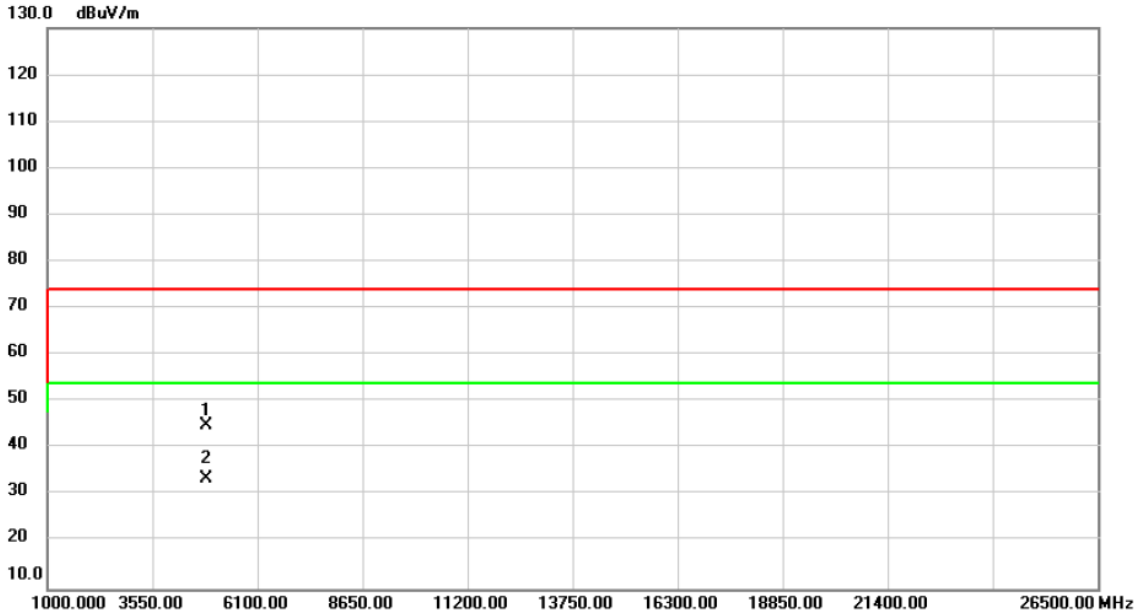
Test Mode	IEEE 802.11n(HT20)	Test Date	2023/6/15
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.24	0.74	45.98	74.00	-28.02	peak	
2	*	4874.000	33.03	0.74	33.77	54.00	-20.23	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

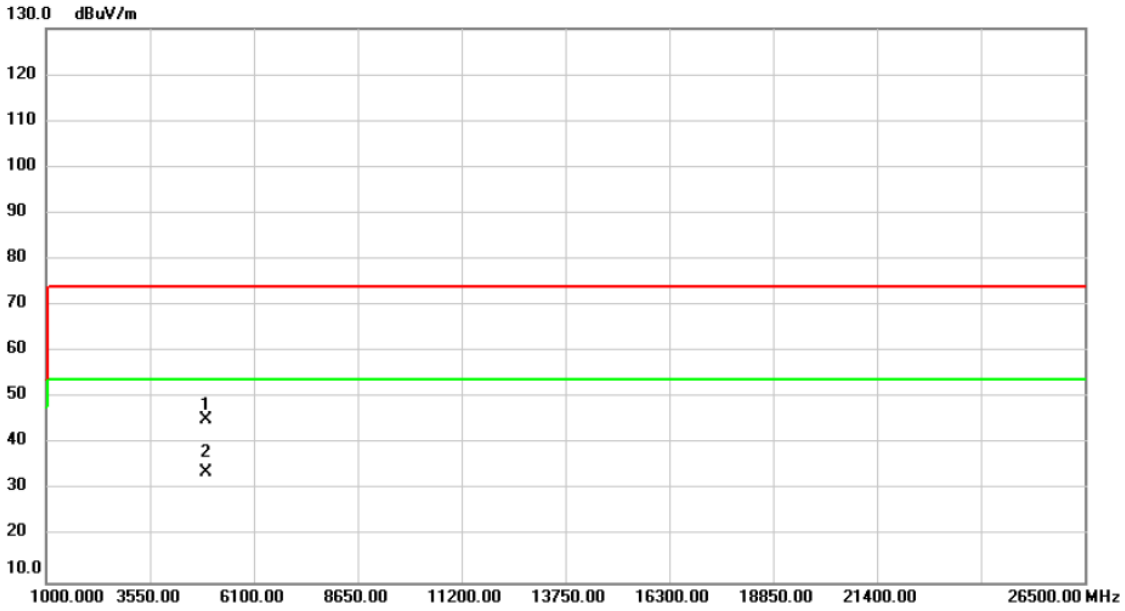
Test Mode	IEEE 802.11n(HT20)	Test Date	2023/6/15
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.11	0.74	44.85	74.00	-29.15	peak	
2	*	4874.000	32.87	0.74	33.61	54.00	-20.39	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

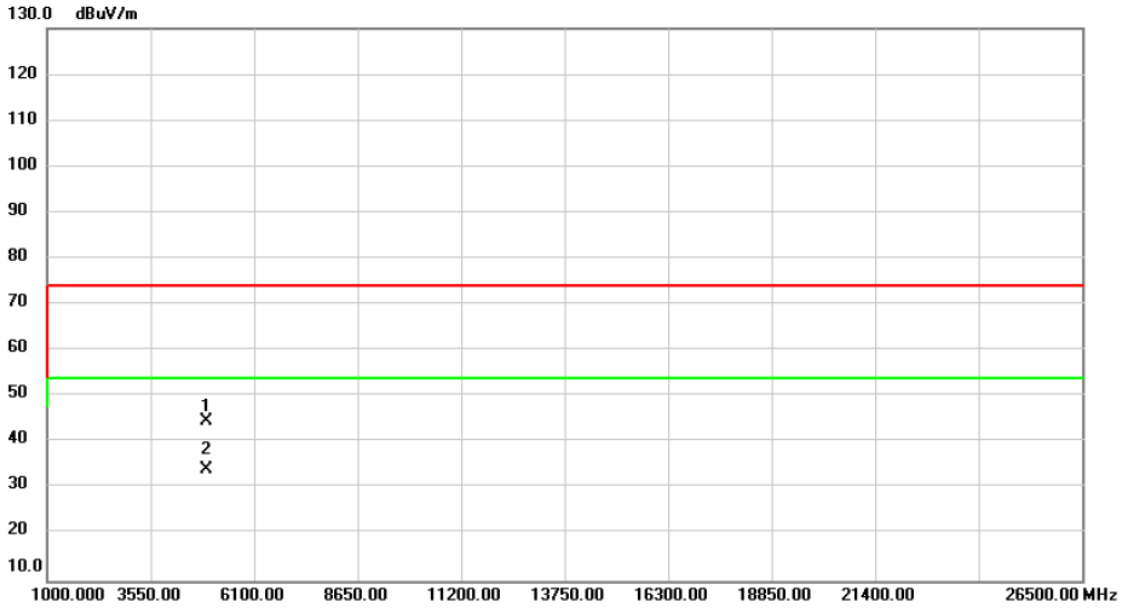
Test Mode	IEEE 802.11n(HT20)	Test Date	2023/6/15
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.25	0.89	45.14	74.00	-28.86	peak	
2	*	4924.000	33.04	0.89	33.93	54.00	-20.07	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

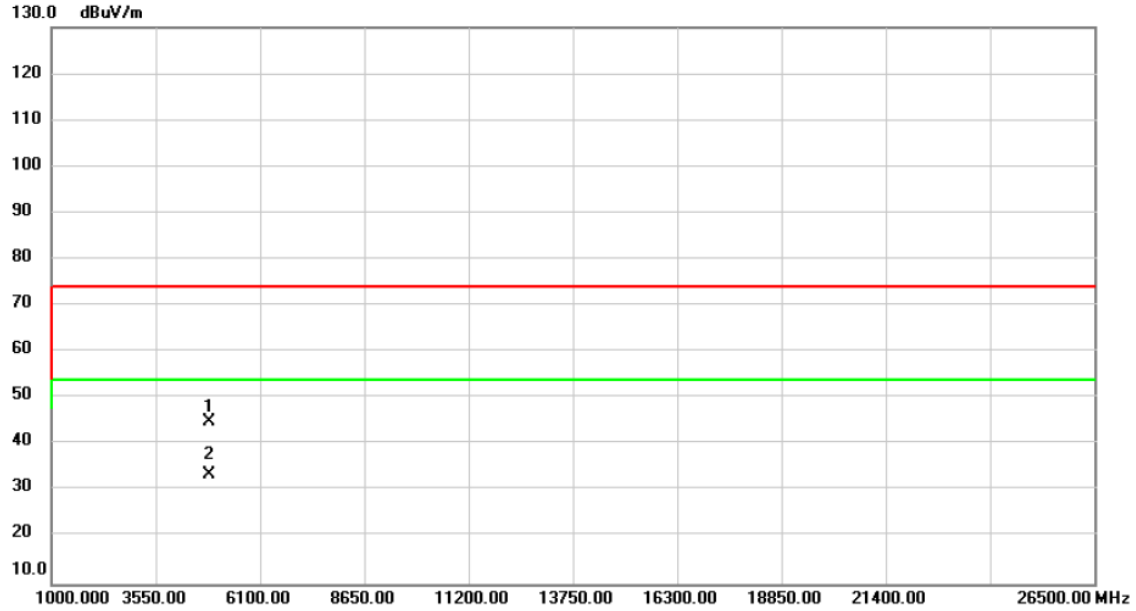
Test Mode	IEEE 802.11n(HT20)	Test Date	2023/6/15
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	43.88	0.89	44.77	74.00	-29.23	peak	
2	*	4924.000	33.25	0.89	34.14	54.00	-19.86	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

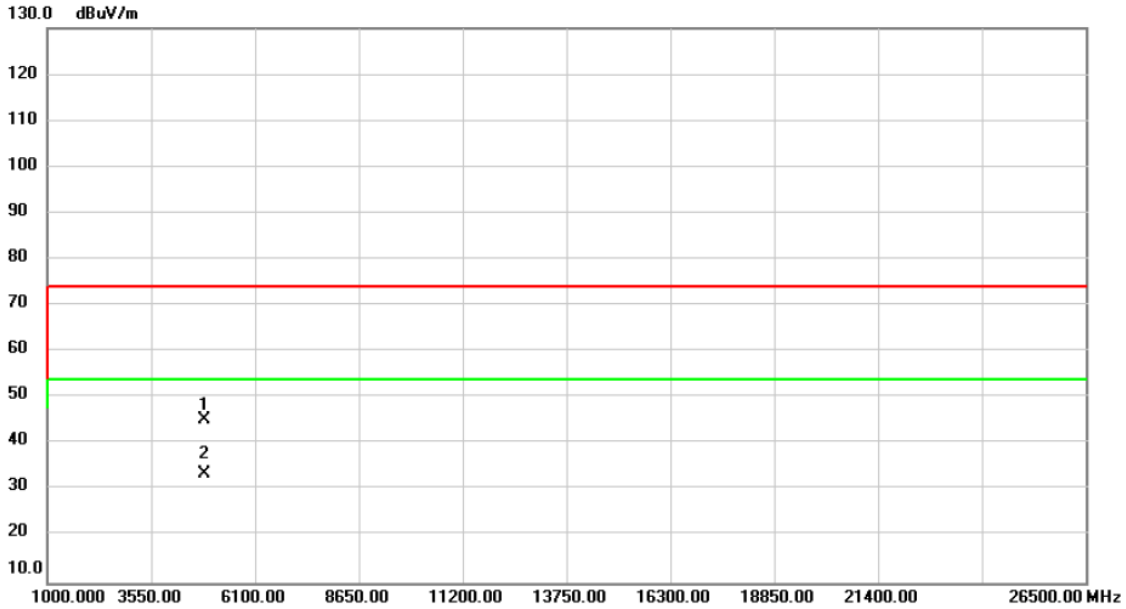
Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/15
Test Frequency	2422MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.25	0.64	44.89	74.00	-29.11	peak	
2	*	4844.000	32.96	0.64	33.60	54.00	-20.40	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

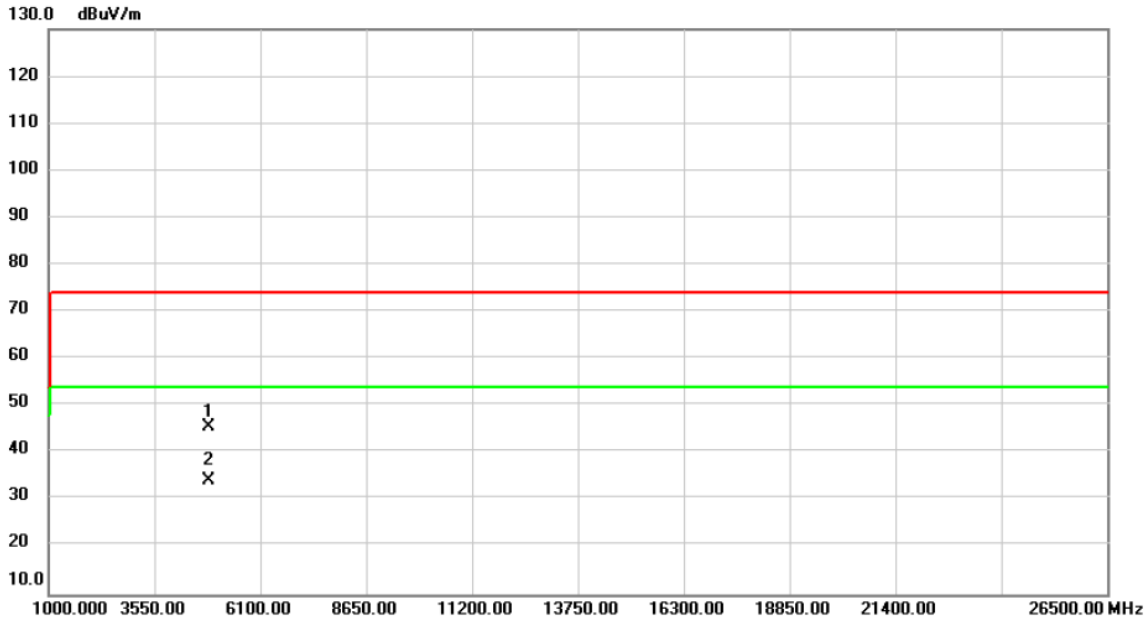
Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/15
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.66	0.64	45.30	74.00	-28.70	peak	
2	*	4844.000	32.91	0.64	33.55	54.00	-20.45	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

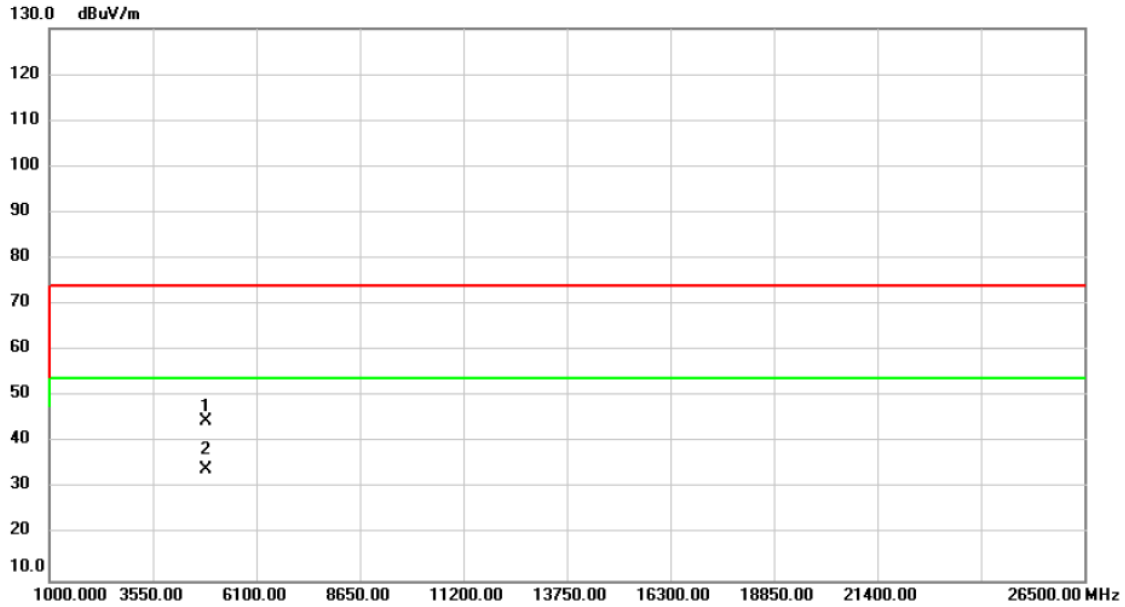
Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/15
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.91	0.74	45.65	74.00	-28.35	peak	
2	*	4874.000	33.37	0.74	34.11	54.00	-19.89	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

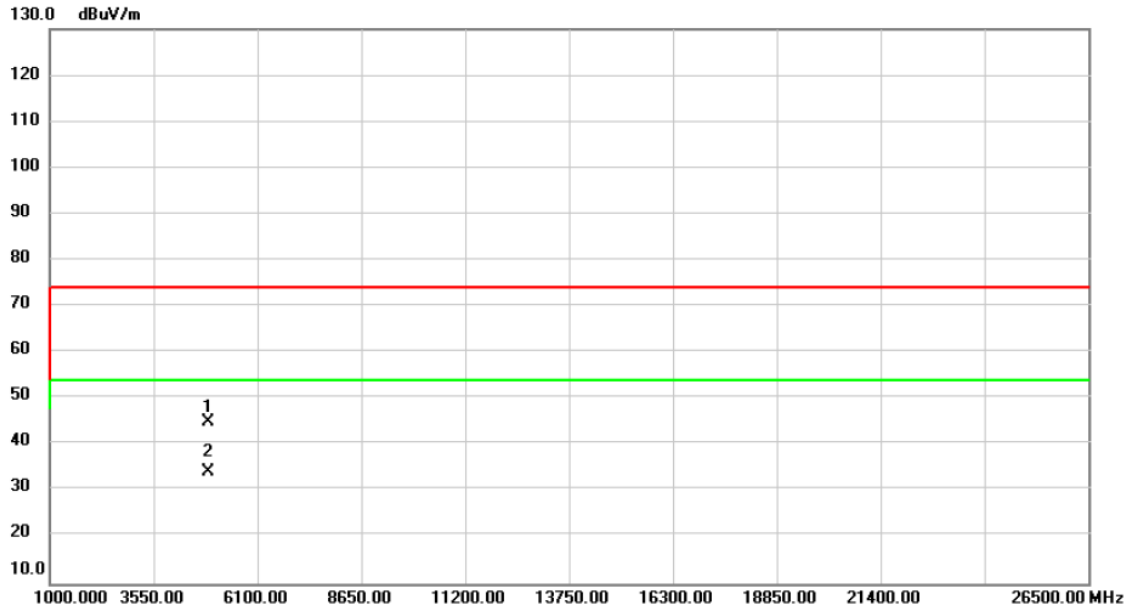
Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/15
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.06	0.74	44.80	74.00	-29.20	peak	
2	*	4874.000	33.41	0.74	34.15	54.00	-19.85	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

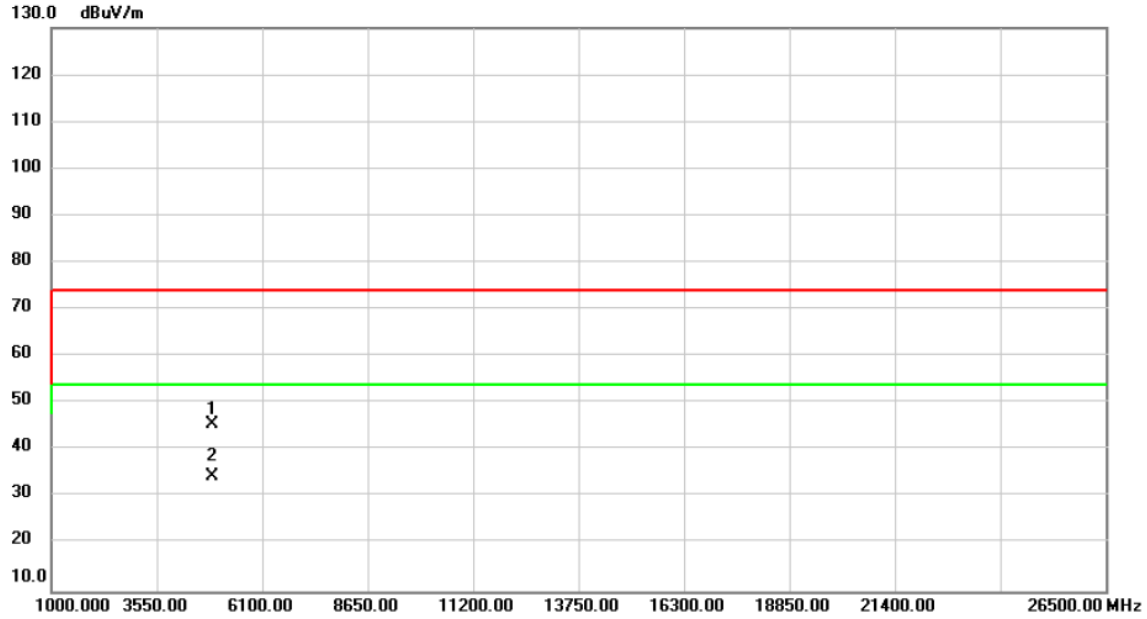
Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/15
Test Frequency	2452MHz	Polarization	Vertical
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	44.18	0.82	45.00	74.00	-29.00	peak	
2	*	4904.000	33.45	0.82	34.27	54.00	-19.73	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	IEEE 802.11n(HT40)	Test Date	2023/6/15
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	52%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	44.86	0.82	45.68	74.00	-28.32	peak	
2	*	4904.000	33.61	0.82	34.43	54.00	-19.57	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C OUTPUT POWER

Test Mode	IEEE 802.11b_Ant.1	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	14.97	0.0314	30.00	1.0000	Complies
2437	15.55	0.0359	30.00	1.0000	Complies
2462	14.82	0.0303	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Ant.2	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	15.46	0.0352	30.00	1.0000	Complies
2437	14.88	0.0308	30.00	1.0000	Complies
2462	15.75	0.0376	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Total	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.23	0.0666	30.00	1.0000	Complies
2437	18.24	0.0667	30.00	1.0000	Complies
2462	18.32	0.0679	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Ant.1	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	17.44	0.0555	30.00	1.0000	Complies
2437	17.76	0.0597	30.00	1.0000	Complies
2462	17.19	0.0524	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Ant.2	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	17.35	0.0543	30.00	1.0000	Complies
2437	17.11	0.0514	30.00	1.0000	Complies
2462	17.55	0.0569	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Total	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.41	0.1098	30.00	1.0000	Complies
2437	20.46	0.1111	30.00	1.0000	Complies
2462	20.38	0.1092	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Ant.1	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	17.61	0.0577	30.00	1.0000	Complies
2437	16.97	0.0498	30.00	1.0000	Complies
2462	17.27	0.0533	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Ant.2	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	17.57	0.0571	30.00	1.0000	Complies
2437	16.69	0.0467	30.00	1.0000	Complies
2462	17.34	0.0542	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.60	0.1148	30.00	1.0000	Complies
2437	19.84	0.0964	30.00	1.0000	Complies
2462	20.32	0.1075	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Ant.1	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	19.15	0.0822	30.00	1.0000	Complies
2437	19.08	0.0809	30.00	1.0000	Complies
2452	19.04	0.0802	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Ant.2	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.83	0.0764	30.00	1.0000	Complies
2437	18.45	0.0700	30.00	1.0000	Complies
2452	19.32	0.0855	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2023/6/14

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	22.00	0.1586	30.00	1.0000	Complies
2437	21.79	0.1509	30.00	1.0000	Complies
2452	22.19	0.1657	30.00	1.0000	Complies

End of Test Report