FCC Radio Test Report

FCC ID: 2BCGWTX10UBNANO

Report No.	:	BTL-FCCP-3-2403G134
Equipment	:	AX900 Nano Wi-Fi6 Bluetooth USB Adapter
Model Name	:	Archer TX10UB Nano
Brand Name	:	tp-link
Applicant	:	TP-LINK CORPORATION PTE. LTD.
Address	:	7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987
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	:	2024/5/23
Date of Test	:	2024/5/29 ~ 2024/6/21
Issued Date	:	2024/7/11

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

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Approved by : Peter Chen, 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** assumes no responsibility for the data provided by the Customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by **BTL**.

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-3-2403G134	R00	Original Report.	2024/7/11	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	APPENDIX A	Pass	------
15.205 15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	Pass	------
15.247(a)	Bandwidth	APPENDIX E	Pass	------
15.247(b)	Output Power	APPENDIX F	Pass	------
15.247(e)	Power Spectral Density	APPENDIX G	Pass	------
15.247(d)	Antenna conducted Spurious Emission	APPENDIX H	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.

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.
The test location(s) used to collect the test data in this report are:
No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☒ C06 ☒ CB21

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 %**.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C06	CISPR	150 kHz ~ 30 MHz	2.4498

B. 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	5.20
	6 GHz ~ 18 GHz	5.50
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

Test Item	U (dB)
Occupied Bandwidth	0.53
Output power	0.37
Power Spectral Density	0.66
Conducted Spurious emissions	0.54
Conducted Band edges	0.53

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

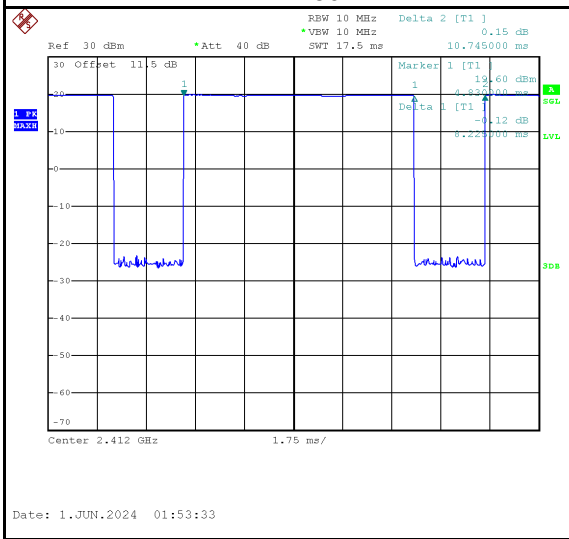
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	DC 5V	Ken Lu
Radiated emissions below 1 GHz	Refer to data	DC 5V	Barry Tsui
Radiated emissions above 1 GHz	Refer to data	DC 5V	Ken Lu Barry Tsui
Bandwidth	24°C, 60%	DC 5V	Cai Hu
Output Power	24°C, 60%	DC 5V	Cai Hu
Power Spectral Density	24°C, 60%	DC 5V	Cai Hu
Antenna conducted Spurious Emission	24°C, 60%	DC 5V	Cai Hu

1.4 DUTY CYCLE

If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)	1/On Time (B)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)	1/B Minimum VBW (kHz)
IEEE 802.11b	8.225	1	8.225	10.745	76.55%	1.16	0.122
IEEE 802.11g	5.360	1	5.360	5.480	97.81%	0.10	0.187
IEEE 802.11n (HT20)	4.488	1	4.488	4.590	97.78%	0.10	0.223
IEEE 802.11n (HT40)	0.580	1	0.580	0.680	85.29%	0.69	1.724
IEEE 802.11ax (HEW20)	3.790	1	3.790	3.900	97.18%	0.12	0.264
IEEE 802.11ax (HEW40)	1.930	1	1.930	2.030	95.07%	0.22	0.518

IEEE 802.11b



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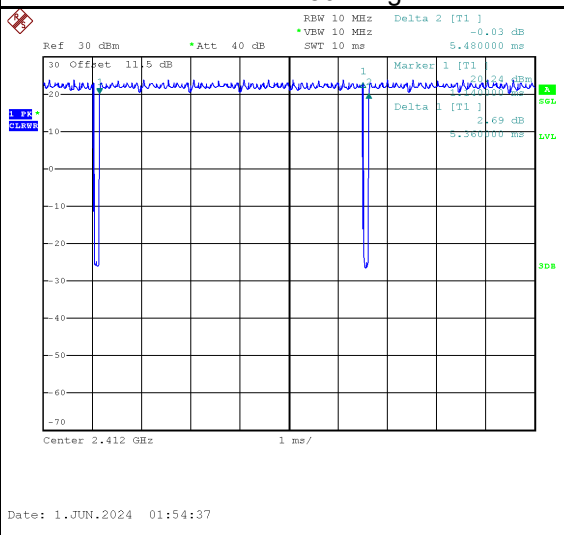
IEEE 802.11g



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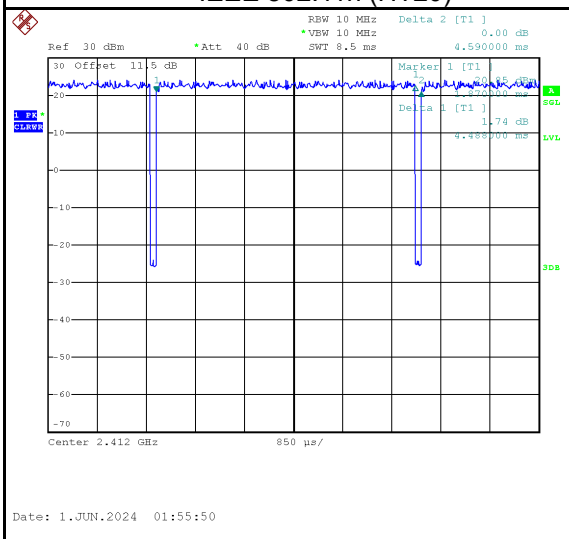
IEEE 802.11n (HT20)



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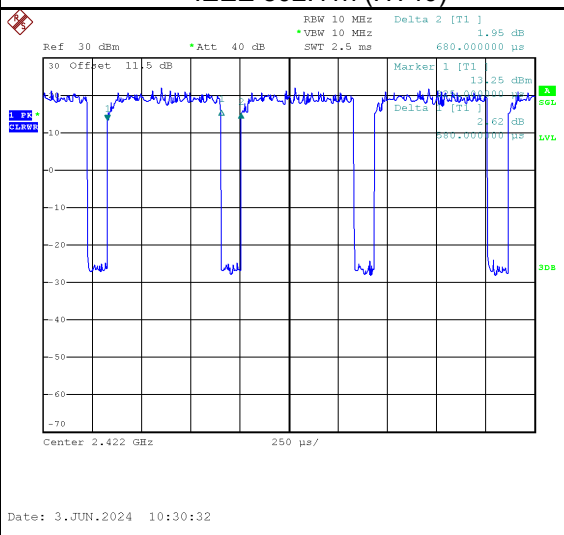
IEEE 802.11n (HT40)



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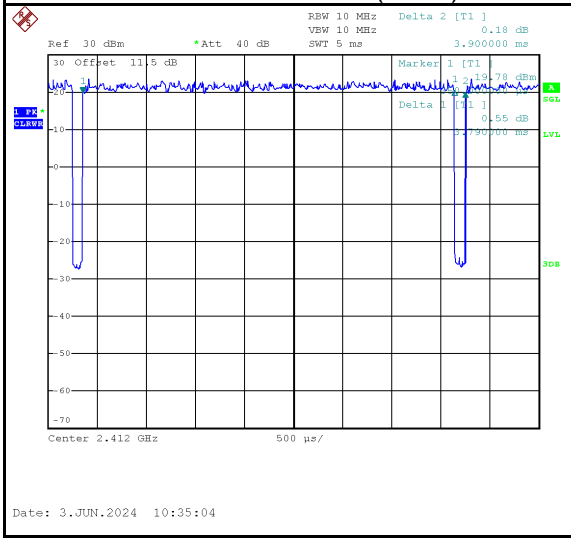
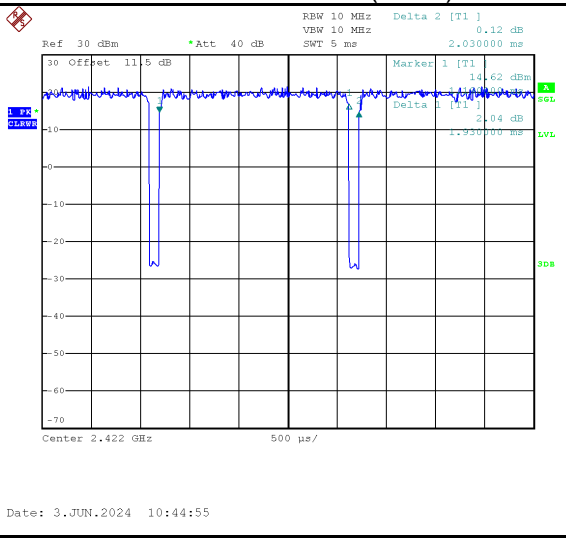
IEEE 802.11ax (HE20)	IEEE 802.11ax (HE40)
	

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	AX900 Nano Wi-Fi6 Bluetooth USB Adapter
Model Name	Archer TX10UB Nano
Brand Name	tp-link
Model Difference	N/A
Hardware Version	1.0
Software Version	1.0
Power Source	Supplied from Notebook.
Power Rating	DC 5V
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 IEEE 802.11ax: OFDMA
Transfer Rate	IEEE 802.11b: 1/2/5.5/11 Mbps IEEE 802.11g: 6/9/12/18/24/36/48/54 Mbps IEEE 802.11n: up to 72.2 Mbps IEEE 802.11ax: up to 286.8 Mbps
Output Power Max.	IEEE 802.11b: 21.29 dBm (0.1346 W) IEEE 802.11g: 19.83 dBm (0.0962 W) IEEE 802.11n (HT20): 20.31 dBm (0.1074 W) IEEE 802.11n (HT40): 20.44 dBm (0.1107 W) IEEE 802.11ax (HE20): 19.98 dBm (0.0968 W) IEEE 802.11ax (HE40): 20.34 dBm (0.1028 W)
Test Software Version	RTL8851B_USB_MP_Package_ALPHA_v2.0.29
Test Model	Archer TX10UB Nano
Sample Status	Final shipment prototype
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:

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:

Antenna	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	TP-LINK CORPORATION PTE. LTD.	6035500184	Dipole	N/A	0.5

(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.

2.2 TEST MODES

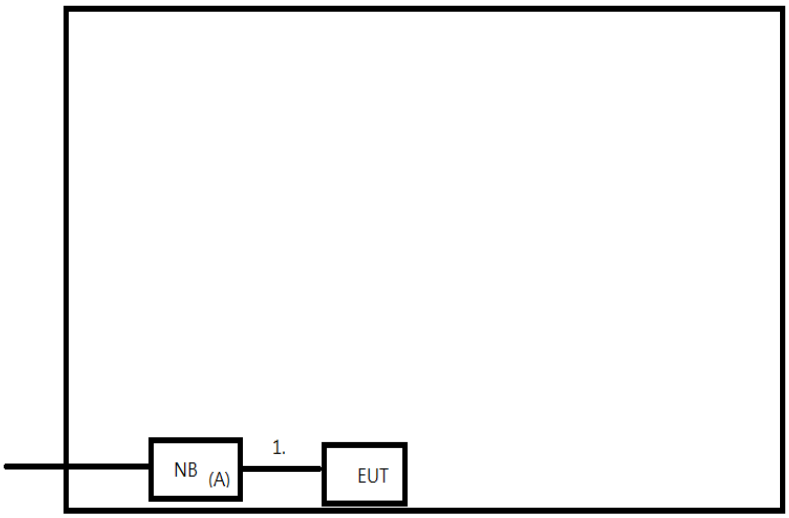
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11b	11	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (HT40)	03/09	
	TX Mode_IEEE 802.11ax (HE20)	01/11	
	TX Mode_IEEE 802.11ax (HE40)	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	
	TX Mode_IEEE 802.11ax (HE20)	01/06/11	
	TX Mode_IEEE 802.11ax (HE40)	03/06/09	
Bandwidth & Output Power & Power Spectral Density & Antenna conducted Spurious Emission	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	
	TX Mode_IEEE 802.11ax (HE20)	01/06/11	
	TX Mode_IEEE 802.11ax (HE40)	03/06/09	

NOTE:
(1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
(2) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
(3) For radiated emission below 1 GHz test, the IEEE 802.11b channel 11 is found to be the worst case and recorded.
(4) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.

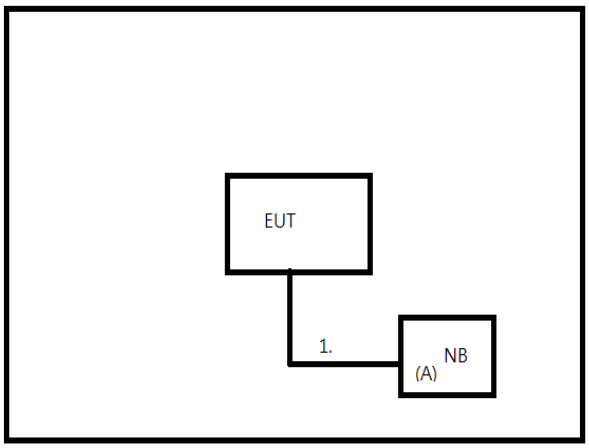
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	Yes	No	1m	USB to USB Cable	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:
(1) The tighter limit applies at the band edges.
(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
Margin Level = Measurement Value – Limit Value
Calculation example:

Reading Level (dBμV)		Correct Factor (dB)		Measurement Value (dBμV)
38.22	+	3.45	=	41.67

Measurement Value (dBμV)		Limit Value (dBμV)		Margin Level (dB)
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.2 TEST PROCEDURE

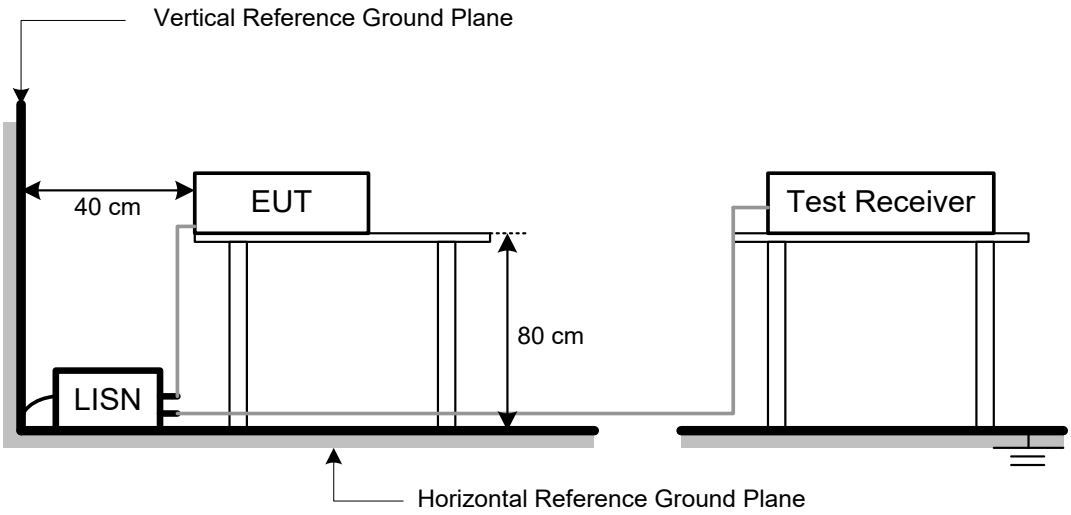
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
The end of the cable will be terminated, using the correct terminating impedance.
The overall length shall not exceed 1 m.
d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
e. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

NOTE:
(1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
BW=9 kHz (6 dB Bandwidth)
(2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 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 (dBuV)		Correct Factor (dB)		Measurement Value (dBuV/m)
19.11	+	2.11	=	21.22

Measurement Value (dBuV/m)		Limit Value (dBuV/m)		Margin Level (dB)
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

4.2 TEST PROCEDURE

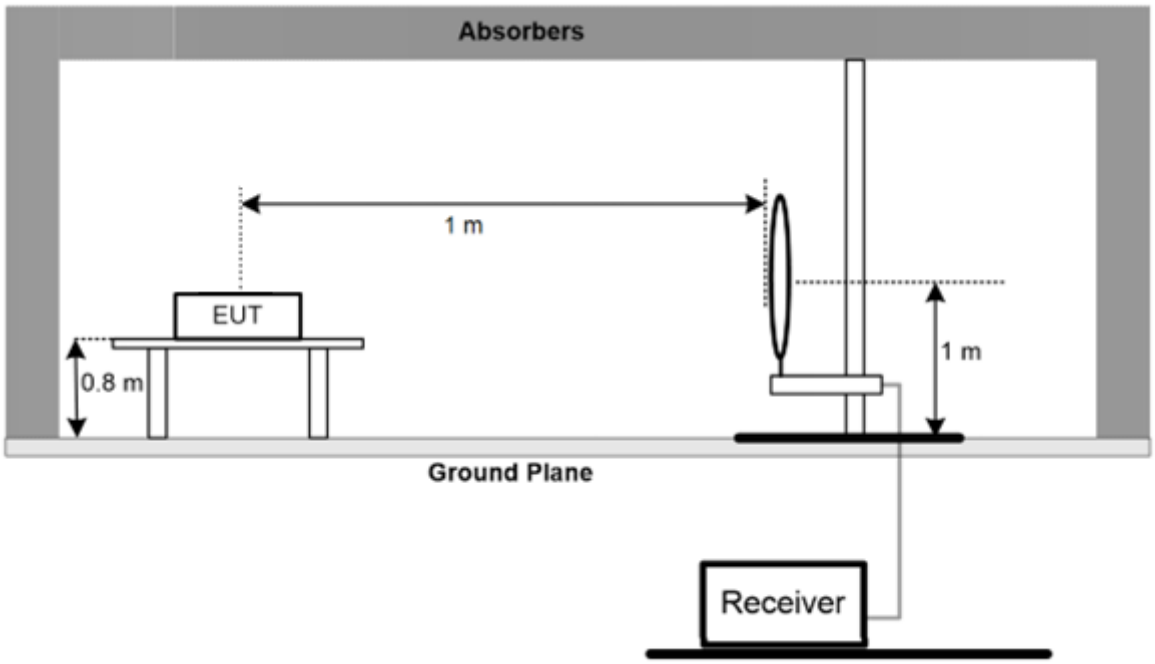
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance 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.

4.3 DEVIATION FROM TEST STANDARD

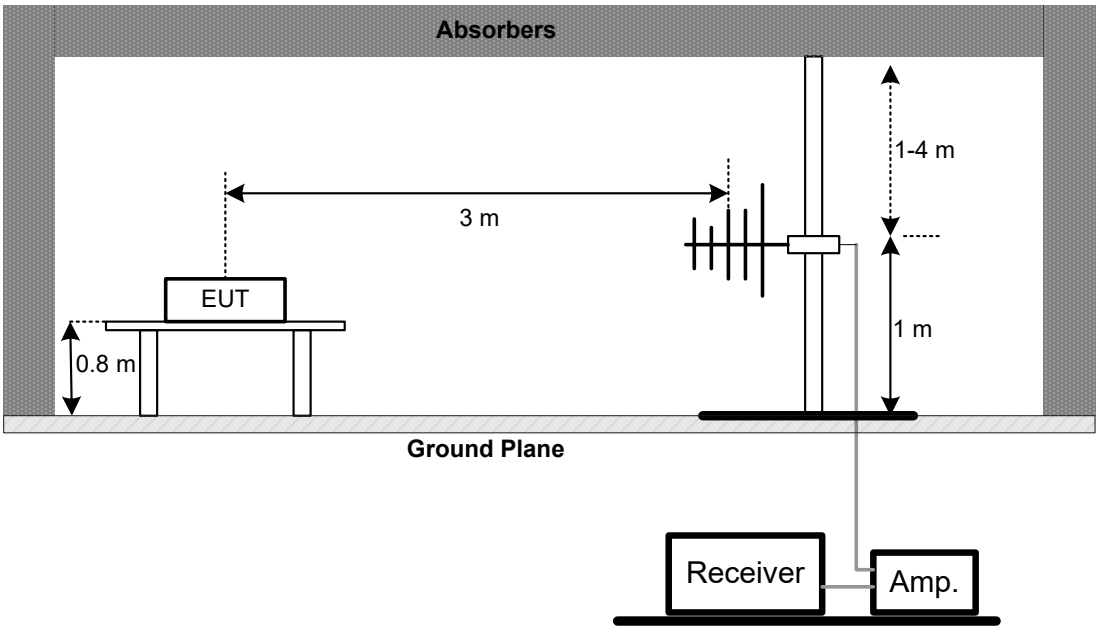
No deviation.

4.4 TEST SETUP

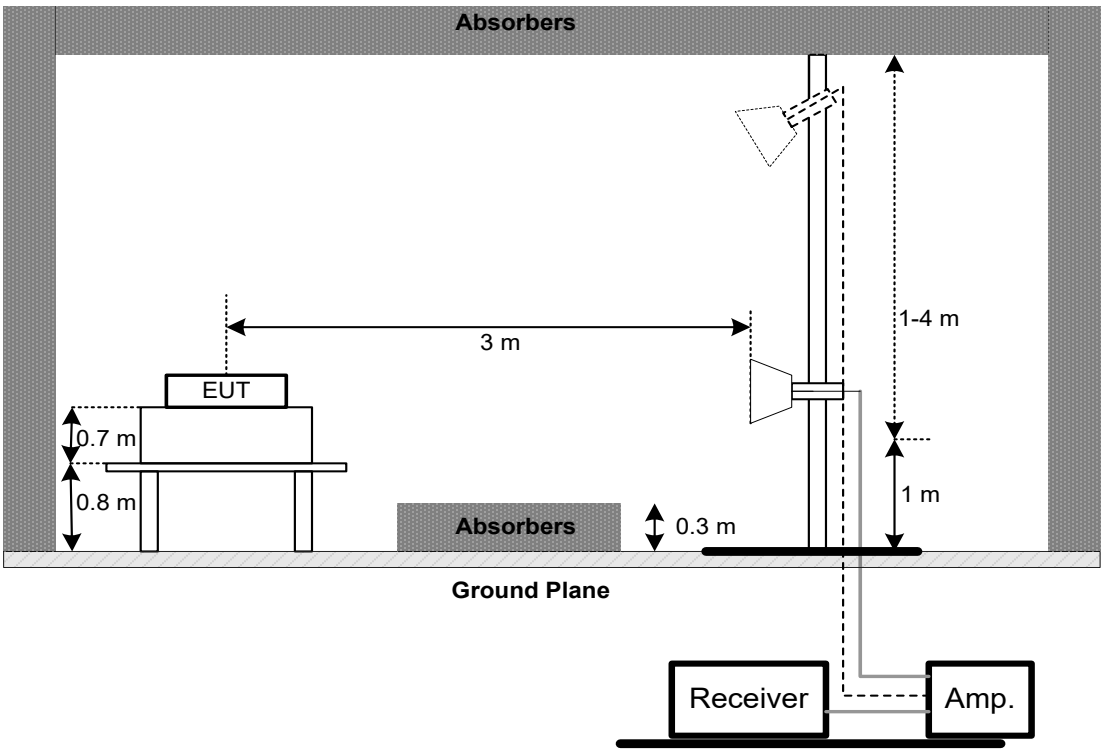
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – BELOW 30 MHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX D.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

Section	Test Item	Limit
15.247(a)	6 dB Bandwidth	500 kHz

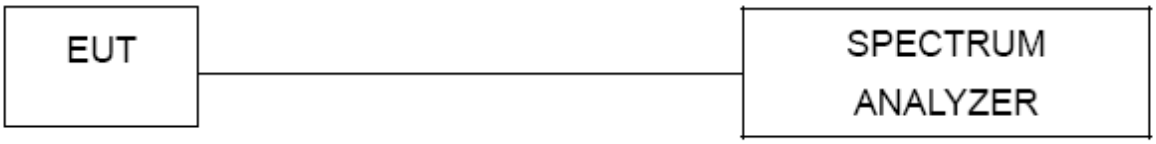
5.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX E.

6 OUTPUT POWER TEST

6.1 LIMIT

Section	Test Item	Limit
15.247(b)	Maximum Output Power	1 Watt or 30dBm

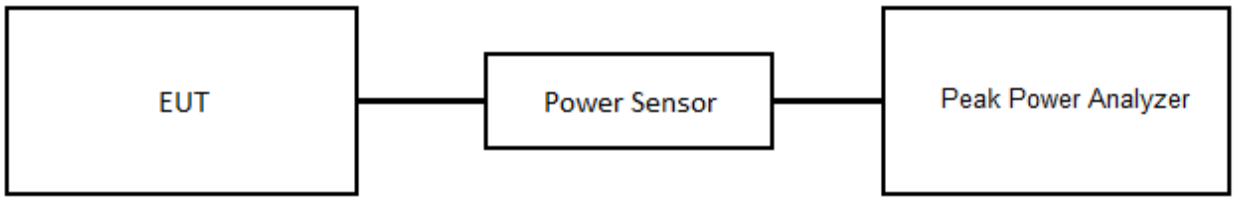
6.2 TEST PROCEDURE

a. The EUT was directly connected to the peak power analyzer 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.

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX F.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

Section	Test Item	Limit
15.247(e)	Power Spectral Density	8 dBm (in any 3 kHz)

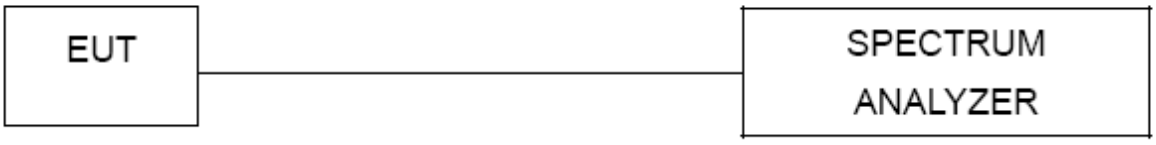
7.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting: RBW = 3 kHz, VBW = 10 kHz, Sweep time = Auto.

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX G.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits.

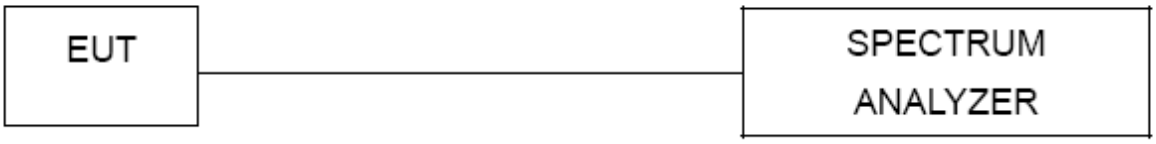
8.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting: RBW = 100 kHz, VBW=300 kHz, Sweep time = Auto.
c. Offset = antenna gain + cable loss.

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX H.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Two-Line V-Network	R&S	ENV216	101051	2023/7/21	2024/7/20
2	Test Cable	EMCI	EMCRG58-BM-BM-9000	210501	2023/12/11	2024/12/10
3	EXA Spectrum Analyzer	keysight	N9038A	MY54130009	2023/6/26	2024/6/25
4	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2024/1/10	2025/1/9
2	Pre-Amplifier	EMCI	EMC051845SE	980779	2023/12/11	2024/12/10
3	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2023/12/11	2024/12/10
4	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2023/12/11	2024/12/10
5	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2023/12/11	2024/12/10
6	EXA Spectrum Analyzer	keysight	N9010A	MY56480554	2023/9/12	2024/9/11
7	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2023/12/18	2024/12/17
8	EMI Test Receiver	Keysight	N9038A	MY54130009	2023/6/26	2024/6/25
9	Pre-Amplifier	EMCI	EMC001330-20201222	980807	2023/12/11	2024/12/10
10	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2023/12/11	2024/12/10
11	Test Cable	EMCI	EMC-CFD-400-NM-NM-8000	200348	2023/12/11	2024/12/10
12	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	30dbAttenuator	INMET	00800AK010-30	02	2024/4/19	2025/4/18
3	BTL-Conducred Test	N/A	1247788684	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 30	100854	2023/6/26	2024/6/25
2	30dbAttenuator	INMET	00800AK010-30	02	2024/4/19	2025/4/18
3	BTL-Conducred Test	N/A	1247788684	N/A	N/A	N/A

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	30dbAttenuator	INMET	00800AK010-30	02	2024/4/19	2025/4/18
3	BTL-Conducred Test	N/A	1247788684	N/A	N/A	N/A

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	30dbAttenuator	INMET	00800AK010-30	02	2024/4/19	2025/4/18
3	BTL-Conducred Test	N/A	1247788684	N/A	N/A	N/A

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

10 EUT TEST PHOTO

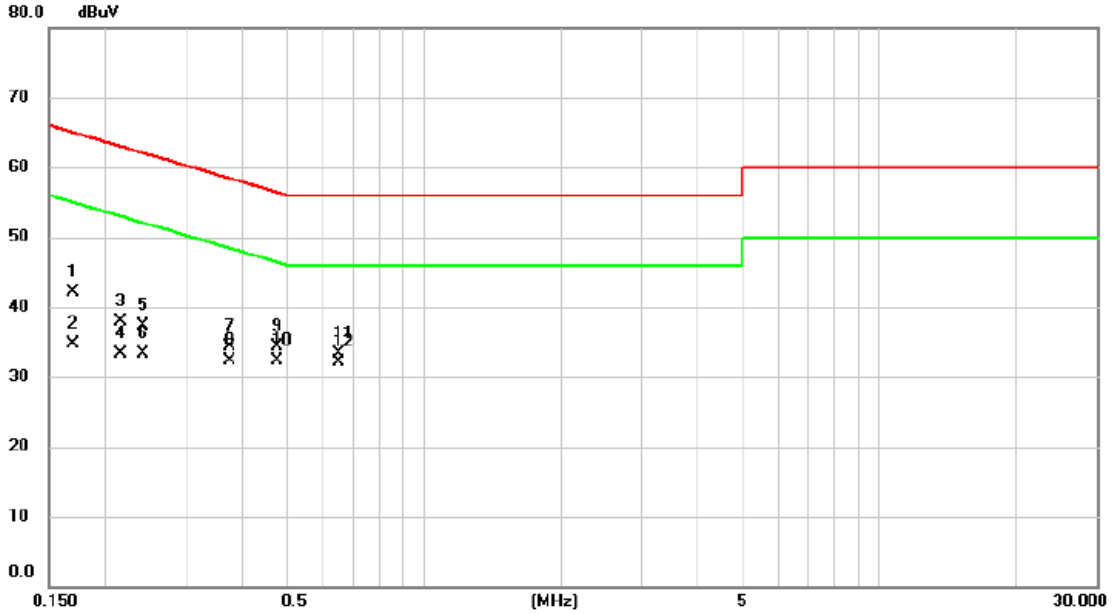
Please refer to document Appendix No.: TP-2403G134-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2403G134-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

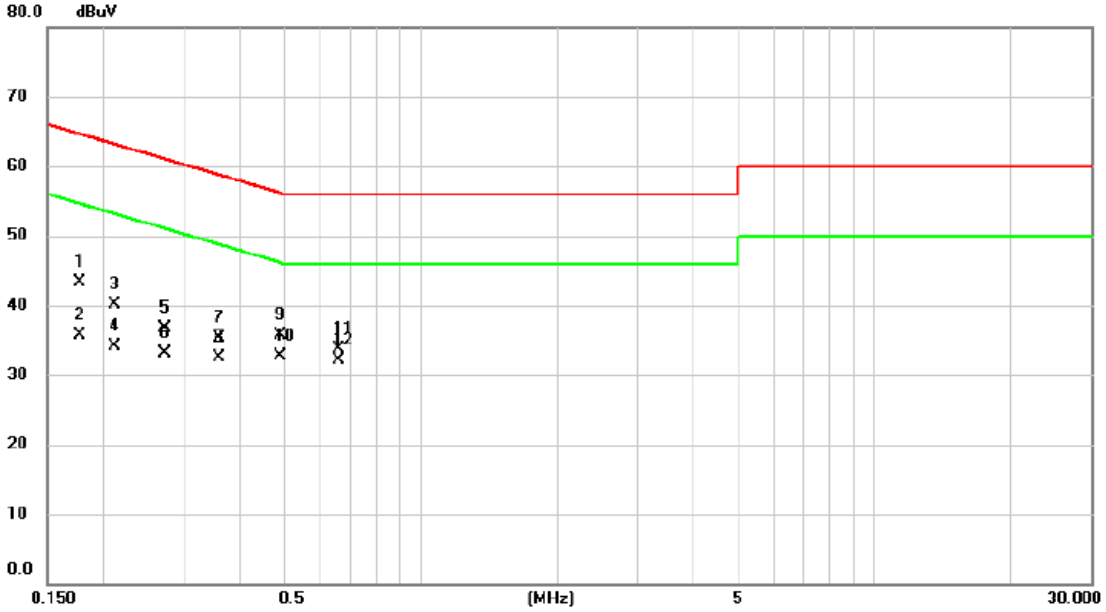
Test Mode	Normal	Tested Date	2024/5/31
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1696	32.51	9.65	42.16	64.98	-22.82	QP	
2		0.1696	25.10	9.65	34.75	54.98	-20.23	AVG	
3		0.2158	28.19	9.64	37.83	62.98	-25.15	QP	
4		0.2158	23.76	9.64	33.40	52.98	-19.58	AVG	
5		0.2420	27.59	9.64	37.23	62.03	-24.80	QP	
6		0.2420	23.64	9.64	33.28	52.03	-18.75	AVG	
7		0.3747	24.67	9.65	34.32	58.40	-24.08	QP	
8		0.3747	22.74	9.65	32.39	48.40	-16.01	AVG	
9		0.4770	24.66	9.66	34.32	56.39	-22.07	QP	
10		0.4770	22.65	9.66	32.31	46.39	-14.08	AVG	
11		0.6485	23.68	9.67	33.35	56.00	-22.65	QP	
12	*	0.6485	22.46	9.67	32.13	46.00	-13.87	AVG	

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

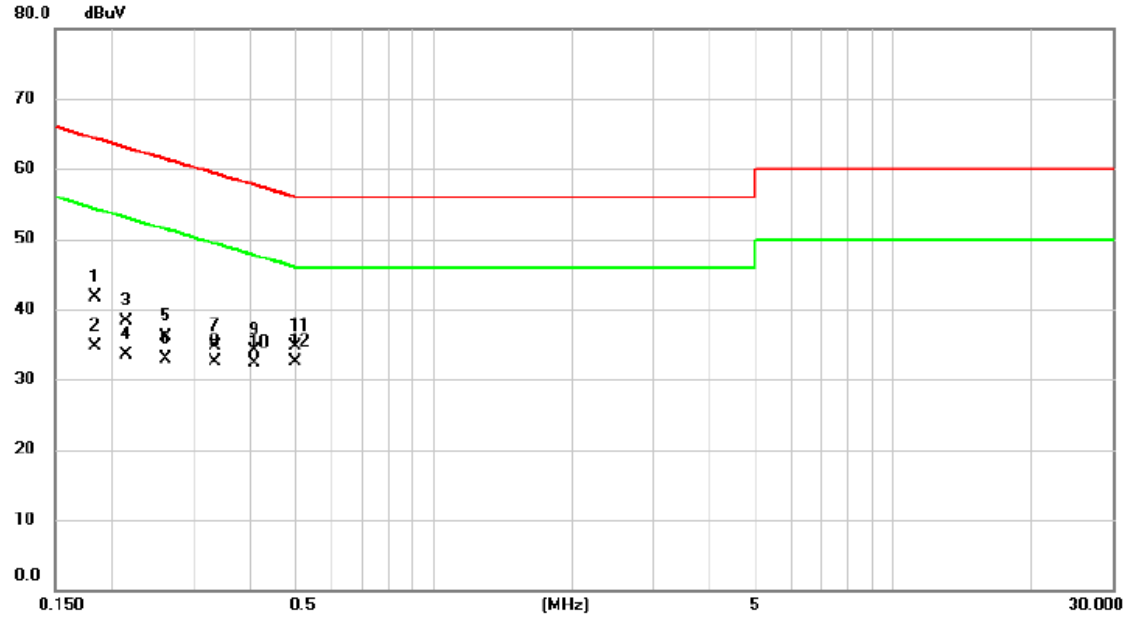
Test Mode	Normal	Tested Date	2024/5/31
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1768	33.76	9.63	43.39	64.63	-21.24	QP	
2		0.1768	25.98	9.63	35.61	54.63	-19.02	AVG	
3		0.2112	30.41	9.63	40.04	63.16	-23.12	QP	
4		0.2112	24.56	9.63	34.19	53.16	-18.97	AVG	
5		0.2728	26.99	9.63	36.62	61.03	-24.41	QP	
6		0.2728	23.48	9.63	33.11	51.03	-17.92	AVG	
7		0.3586	25.63	9.63	35.26	58.76	-23.50	QP	
8		0.3586	22.96	9.63	32.59	48.76	-16.17	AVG	
9		0.4906	26.00	9.64	35.64	56.16	-20.52	QP	
10	*	0.4906	23.06	9.64	32.70	46.16	-13.46	AVG	
11		0.6575	24.00	9.65	33.65	56.00	-22.35	QP	
12		0.6575	22.54	9.65	32.19	46.00	-13.81	AVG	

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

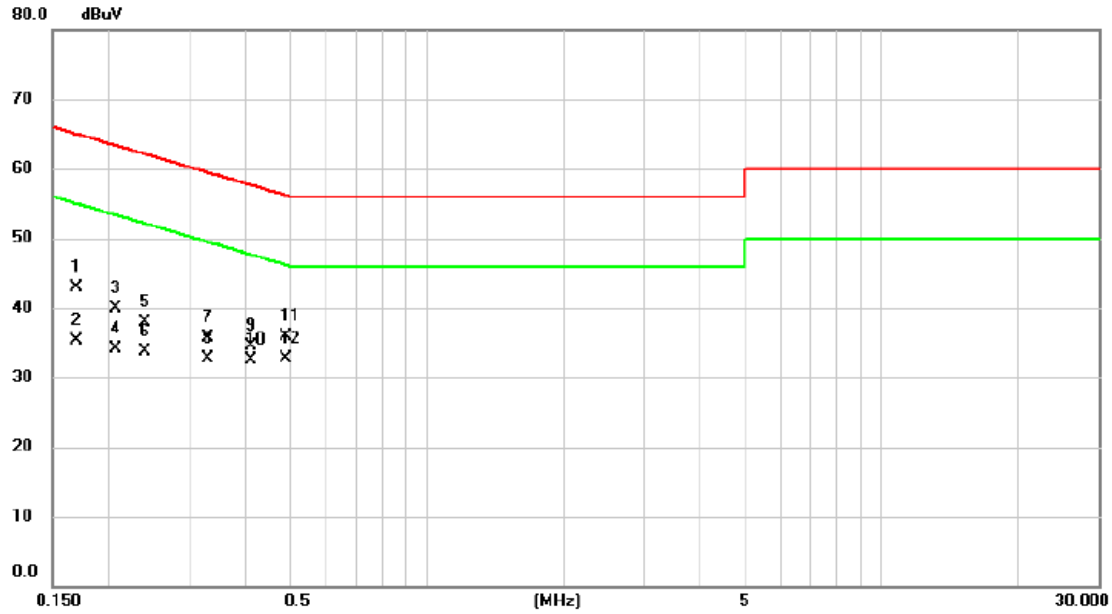
Test Mode	Idle	Tested Date	2024/5/31
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1830	32.00	9.64	41.64	64.35	-22.71	QP	
2		0.1830	25.12	9.64	34.76	54.35	-19.59	AVG	
3		0.2147	28.57	9.64	38.21	63.02	-24.81	QP	
4		0.2147	23.92	9.64	33.56	53.02	-19.46	AVG	
5		0.2615	26.48	9.64	36.12	61.38	-25.26	QP	
6		0.2615	23.31	9.64	32.95	51.38	-18.43	AVG	
7		0.3352	25.15	9.65	34.80	59.32	-24.52	QP	
8		0.3352	22.90	9.65	32.55	49.32	-16.77	AVG	
9		0.4076	24.51	9.65	34.16	57.70	-23.54	QP	
10	*	0.4076	22.74	9.65	32.39	47.70	-15.31	AVG	
11		0.5000	25.13	9.66	34.79	56.00	-21.21	QP	
12		0.5000	22.77	9.66	32.43	56.00	-23.57	QP	

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

Test Mode	Idle	Tested Date	2024/5/31
Test Frequency	-	Phase	Neutral

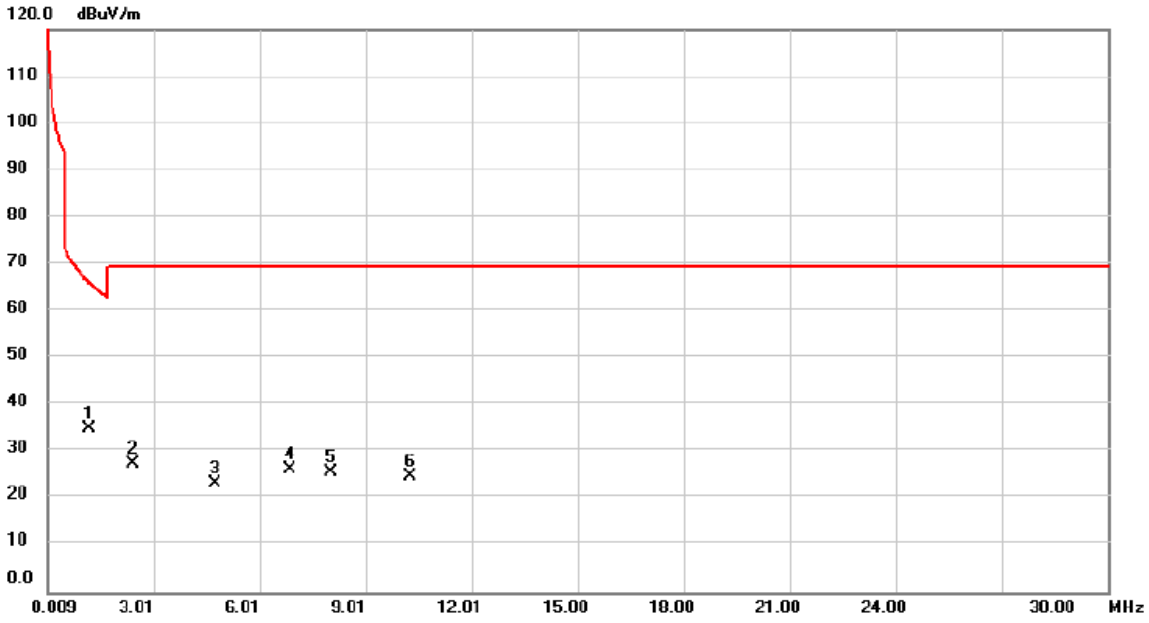


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1696	33.21	9.63	42.84	64.98	-22.14	QP	
2		0.1696	25.73	9.63	35.36	54.98	-19.62	AVG	
3		0.2063	30.25	9.63	39.88	63.35	-23.47	QP	
4		0.2063	24.52	9.63	34.15	53.35	-19.20	AVG	
5		0.2392	28.20	9.63	37.83	62.12	-24.29	QP	
6		0.2392	23.99	9.63	33.62	52.12	-18.50	AVG	
7		0.3292	26.11	9.63	35.74	59.47	-23.73	QP	
8		0.3292	23.16	9.63	32.79	49.47	-16.68	AVG	
9		0.4115	24.90	9.63	34.53	57.62	-23.09	QP	
10		0.4115	22.85	9.63	32.48	47.62	-15.14	AVG	
11		0.4900	26.22	9.64	35.86	56.17	-20.31	QP	
12	*	0.4900	23.14	9.64	32.78	46.17	-13.39	AVG	

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

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

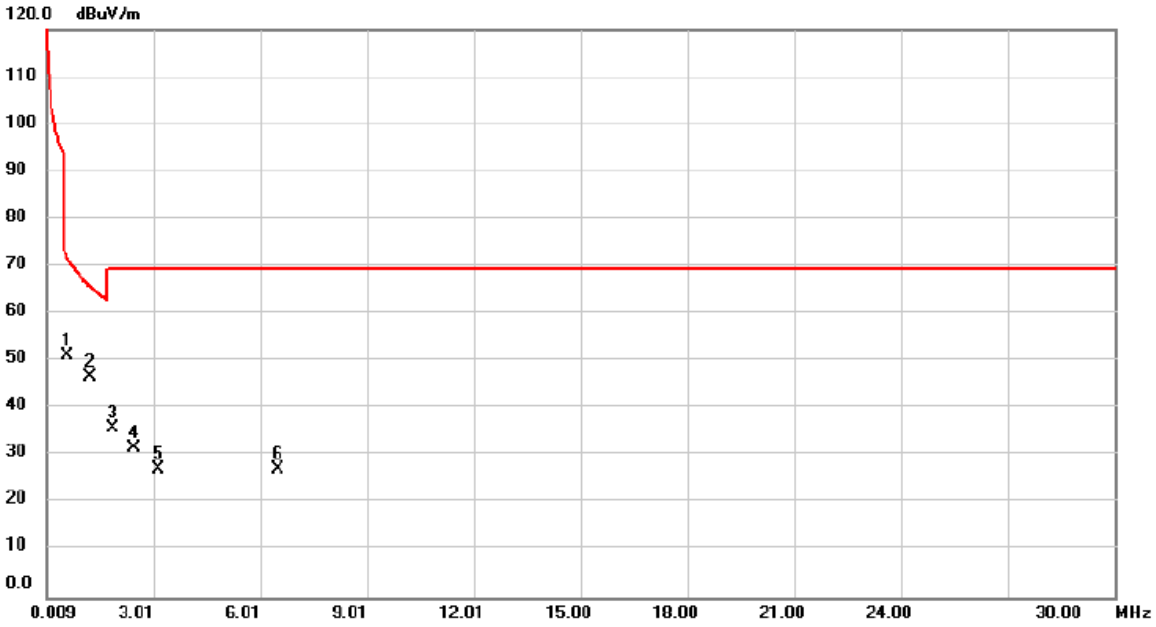
Test Mode	IEEE 802.11b	Test Date	2024/6/20
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	1.2086	36.45	-1.42	35.03	65.96	-30.93	peak			
2		2.4083	31.74	-4.20	27.54	69.54	-42.00	peak			
3		4.7476	28.87	-5.65	23.22	69.54	-46.32	peak			
4		6.8770	29.94	-3.82	26.12	69.54	-43.42	peak			
5		8.0166	29.40	-3.79	25.61	69.54	-43.93	peak			
6		10.2660	28.89	-4.16	24.73	69.54	-44.81	peak			

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

Test Mode	IEEE 802.11b	Test Date	2024/6/20
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

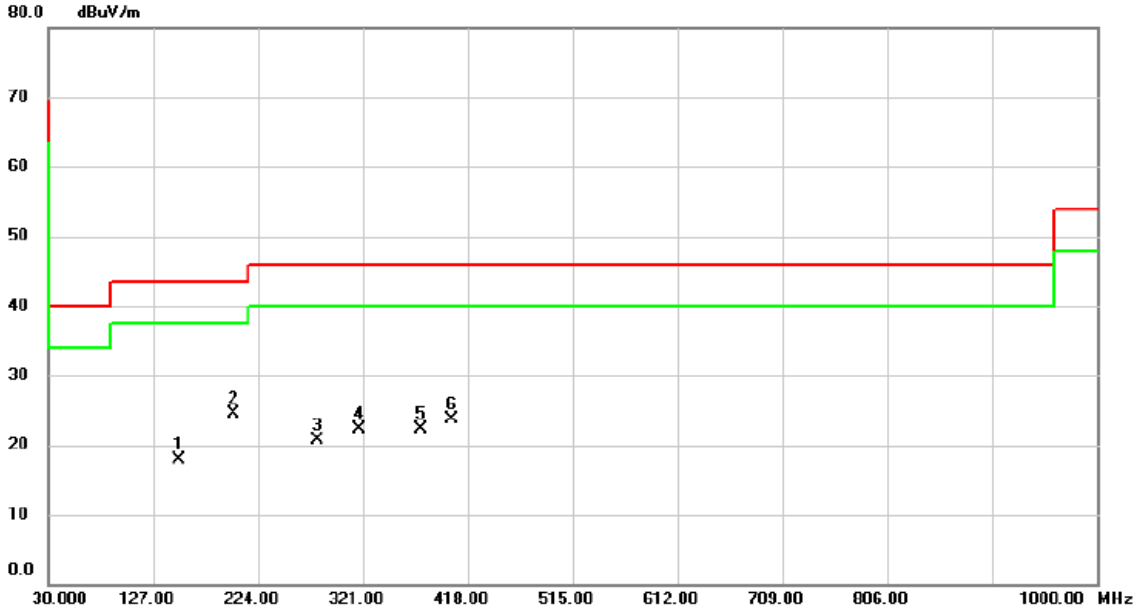


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.6088	49.26	1.95	51.21	71.91	-20.70	peak			
2	*	1.2386	48.23	-1.51	46.72	65.74	-19.02	peak			
3		1.8684	39.22	-3.25	35.97	69.54	-33.57	peak			
4		2.4682	35.83	-4.29	31.54	69.54	-38.00	peak			
5		3.1281	32.13	-5.12	27.01	69.54	-42.53	peak			
6		6.4871	31.25	-3.97	27.28	69.54	-42.26	peak			

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

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

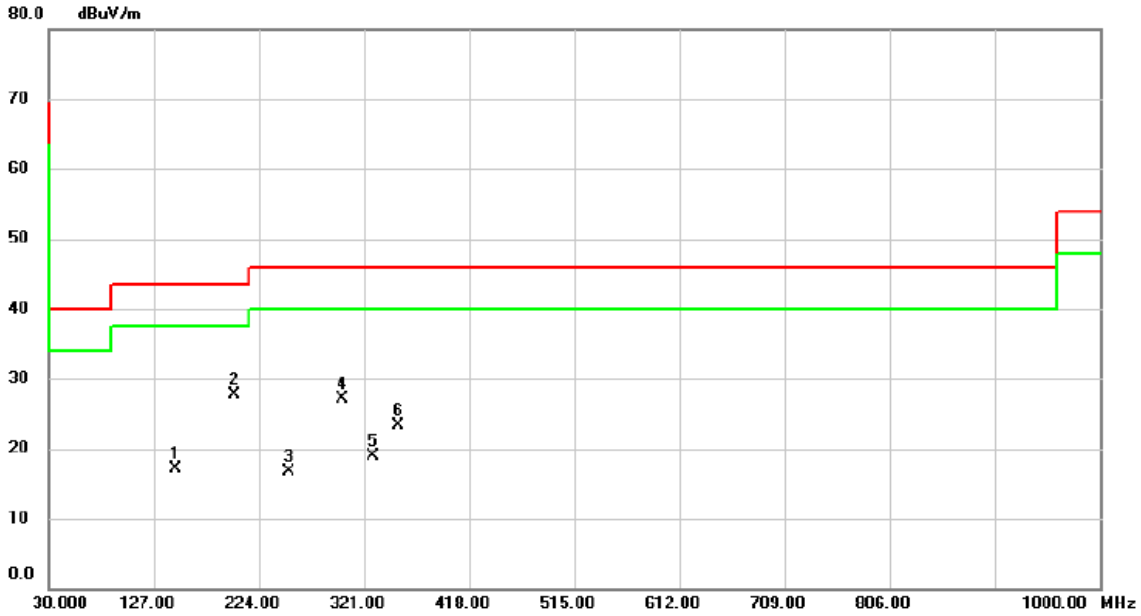
Test Mode	IEEE 802.11b	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		151.2500	29.11	-11.11	18.00	43.50	-25.50	peak	100	295	
2	*	201.6900	38.65	-14.23	24.42	43.50	-19.08	peak	100	165	
3		279.2900	31.45	-10.80	20.65	46.00	-25.35	peak	200	153	
4		317.1200	32.09	-9.80	22.29	46.00	-23.71	peak	200	338	
5		374.3500	30.59	-8.22	22.37	46.00	-23.63	peak	100	152	
6		402.4800	31.11	-7.41	23.70	46.00	-22.30	peak	100	48	

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

Test Mode	IEEE 802.11b	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

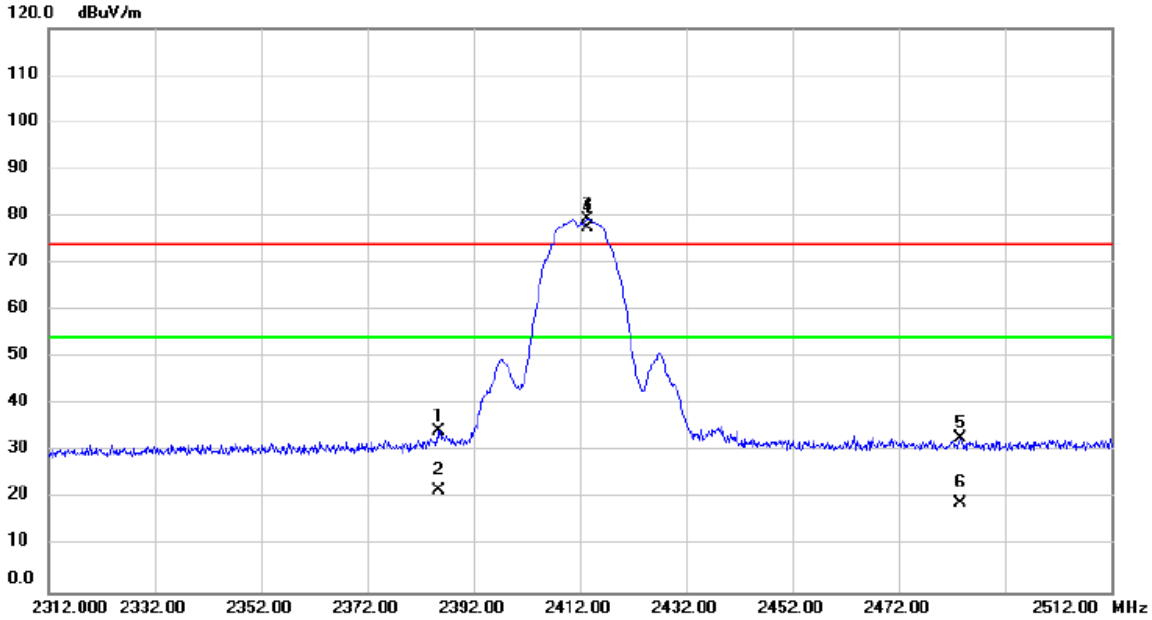


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		146.4000	28.46	-11.43	17.03	43.50	-26.47	peak	200	8	
2	*	201.6900	41.84	-14.23	27.61	43.50	-15.89	peak	200	142	
3		251.1600	28.68	-11.97	16.71	46.00	-29.29	peak	200	312	
4		300.6300	37.36	-10.24	27.12	46.00	-18.88	peak	100	295	
5		329.7300	28.45	-9.46	18.99	46.00	-27.01	peak	100	269	
6		353.0100	32.05	-8.83	23.22	46.00	-22.78	peak	100	291	

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

APPENDIX D RADIATED EMISSIONS - ABOVE 1 GHZ

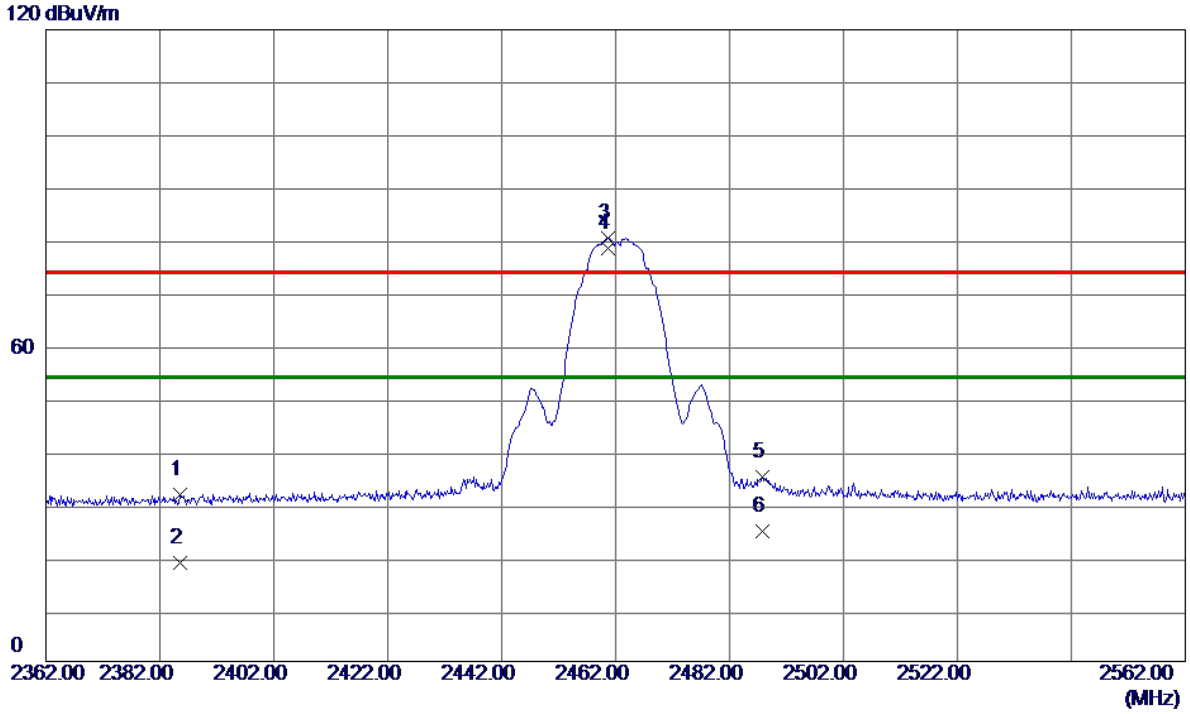
Test Mode	IEEE 802.11b	Test Date	2024/6/5
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2385.400	40.48	-6.13	34.35	74.00	-39.65	peak			
2		2385.400	27.81	-6.13	21.68	54.00	-32.32	AVG			
3	X	2413.600	85.37	-6.06	79.31	74.00	5.31	peak			No Limit
4	*	2413.600	83.51	-6.06	77.45	54.00	23.45	AVG			No Limit
5		2483.500	38.80	-5.92	32.88	74.00	-41.12	peak			
6		2483.500	25.05	-5.92	19.13	54.00	-34.87	AVG			

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

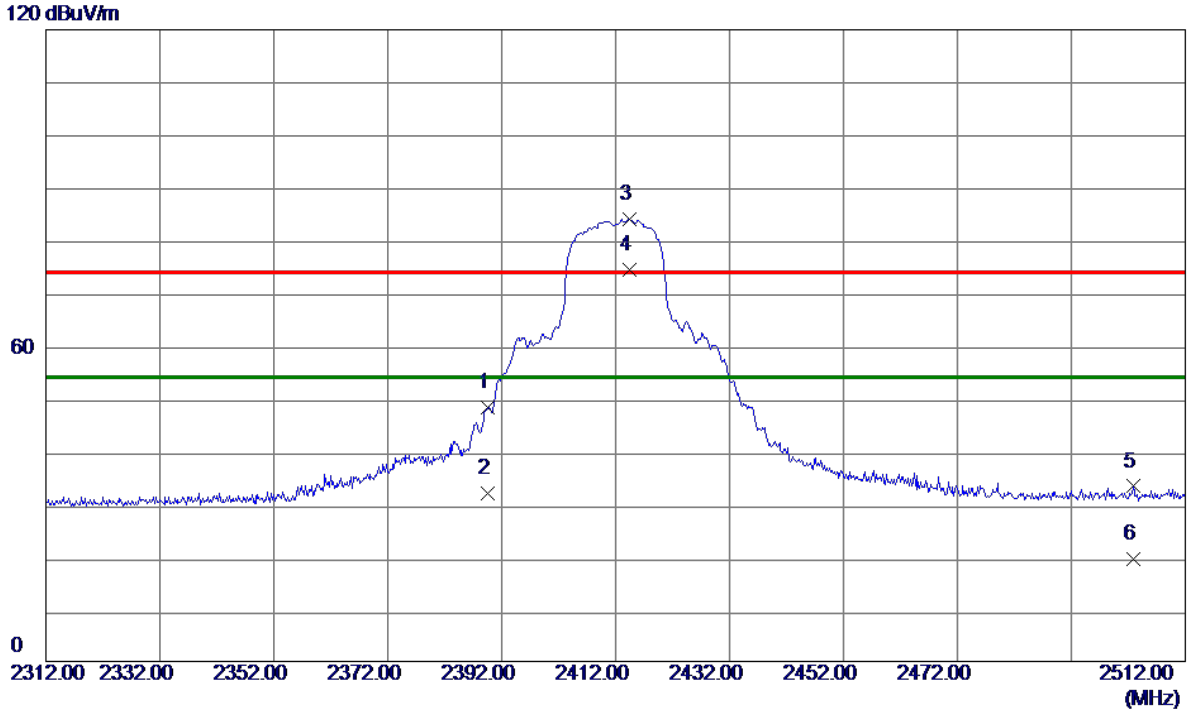
Test Mode	IEEE 802.11b	Test Date	2024/6/5
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2385.6000	37.85	-6.13	31.72	74.00	-42.28	Peak	
2	2385.6000	24.75	-6.13	18.62	54.00	-35.38	AVG	
3	2460.6000	86.28	-5.97	80.31	74.00	6.31	Peak	No Limit
4 *	2460.6000	84.45	-5.97	78.48	54.00	24.48	AVG	No Limit
5	2487.8000	40.99	-5.91	35.08	74.00	-38.92	Peak	
6	2487.8000	30.58	-5.91	24.67	54.00	-29.33	AVG	

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

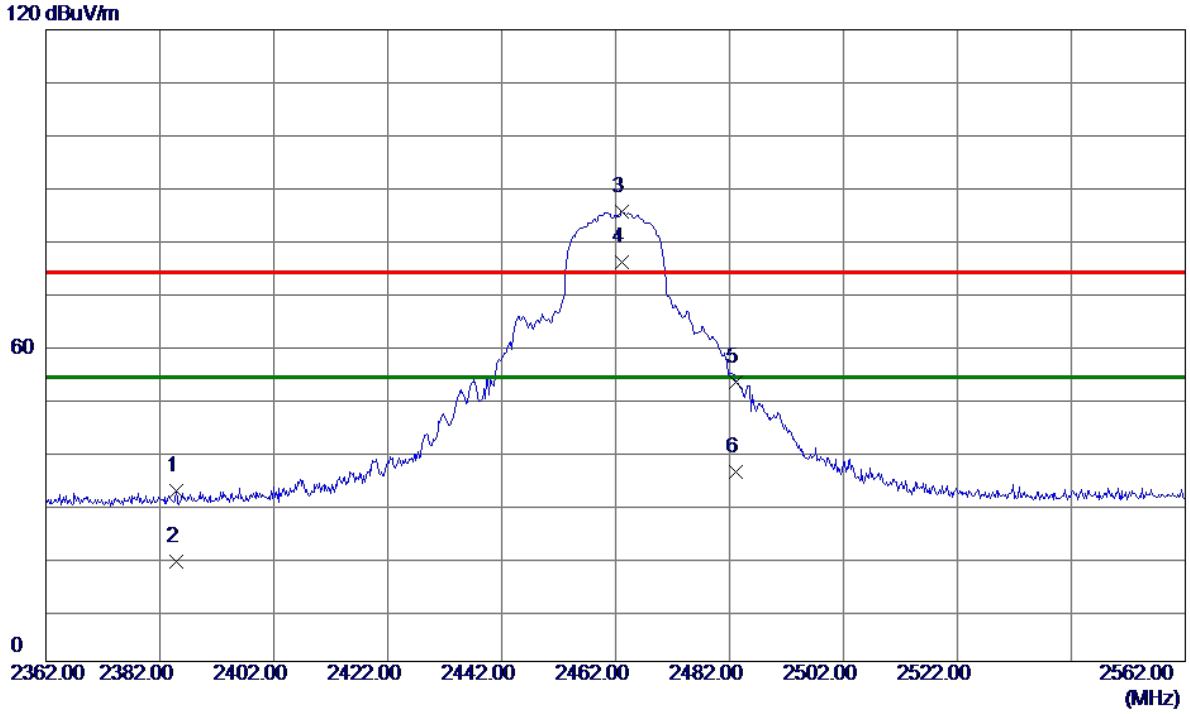
Test Mode	IEEE 802.11g	Test Date	2024/6/5
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.6000	54.29	-6.12	48.17	74.00	-25.83	Peak	
2	2389.6000	38.07	-6.12	31.95	54.00	-22.05	AVG	
3	2414.4000	90.01	-6.07	83.94	74.00	9.94	Peak	No Limit
4 *	2414.4000	80.48	-6.07	74.41	54.00	20.41	AVG	No Limit
5	2502.8000	39.11	-5.87	33.24	74.00	-40.76	Peak	
6	2502.8000	25.28	-5.87	19.41	54.00	-34.59	AVG	

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

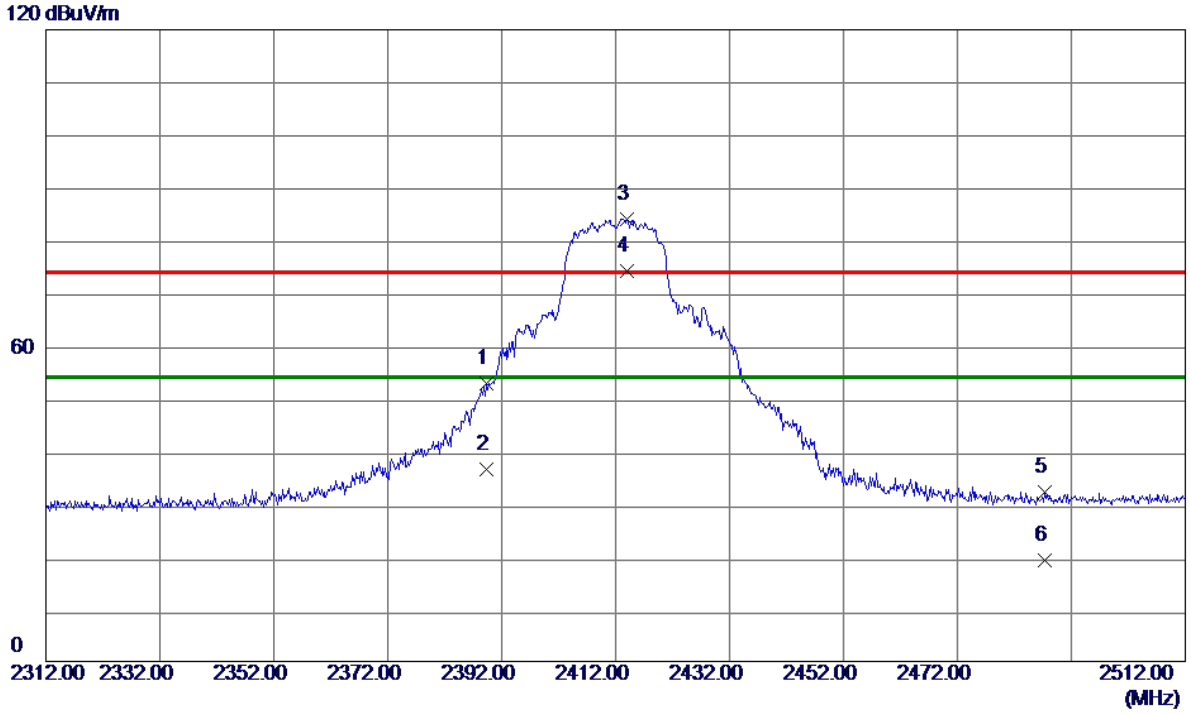
Test Mode	IEEE 802.11g	Test Date	2024/6/5
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2384.8000	38.56	-6.13	32.43	74.00	-41.57	Peak	
2	2384.8000	25.09	-6.13	18.96	54.00	-35.04	AVG	
3	2463.2000	91.38	-5.96	85.42	74.00	11.42	Peak	No Limit
4 *	2463.2000	81.82	-5.96	75.86	54.00	21.86	AVG	No Limit
5	2483.2000	59.05	-5.92	53.13	74.00	-20.87	Peak	
6	2483.2000	41.91	-5.92	35.99	54.00	-18.01	AVG	

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

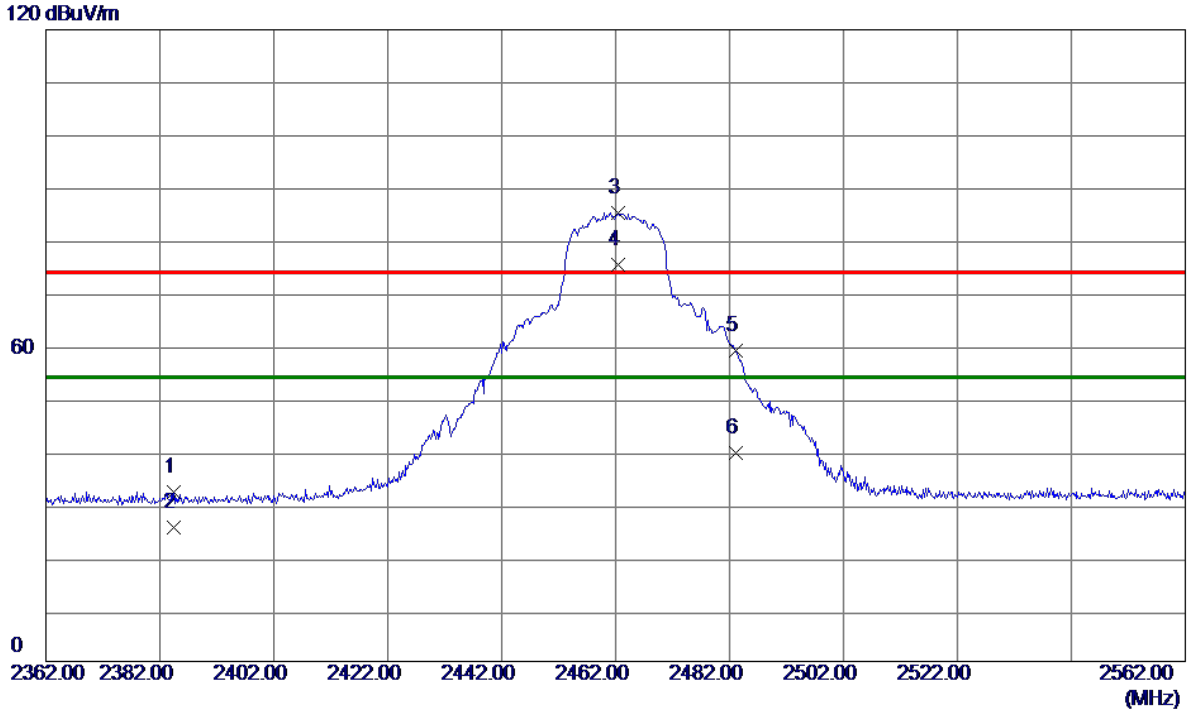
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/6/5
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.4000	59.00	-6.12	52.88	74.00	-21.12	Peak	
2	2389.4000	42.65	-6.12	36.53	54.00	-17.47	AVG	
3	2414.0000	90.09	-6.07	84.02	74.00	10.02	Peak	No Limit
4 *	2414.0000	80.31	-6.07	74.24	54.00	20.24	AVG	No Limit
5	2487.4000	38.06	-5.91	32.15	74.00	-41.85	Peak	
6	2487.4000	25.16	-5.91	19.25	54.00	-34.75	AVG	

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

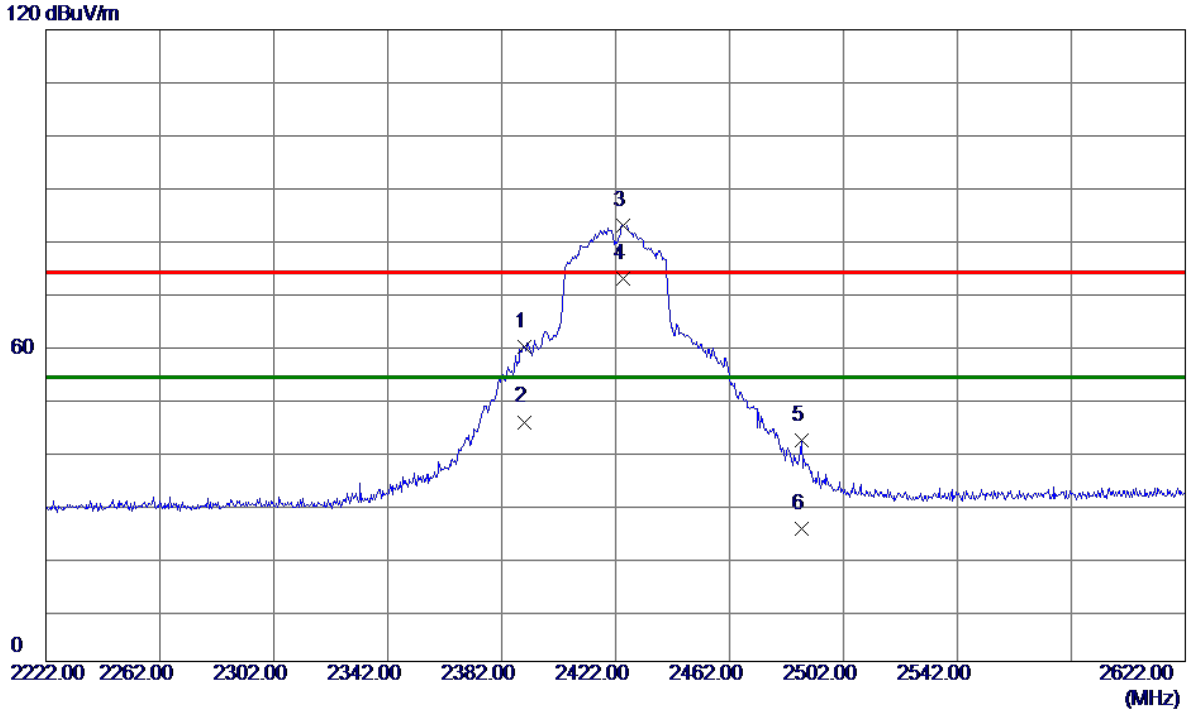
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/6/5
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2384.4000	38.35	-6.13	32.22	74.00	-41.78	Peak	
2	2384.4000	31.60	-6.13	25.47	54.00	-28.53	AVG	
3	2462.4000	91.13	-5.96	85.17	74.00	11.17	Peak	No Limit
4 *	2462.4000	81.32	-5.96	75.36	54.00	21.36	AVG	No Limit
5	2483.2000	64.90	-5.92	58.98	74.00	-15.02	Peak	
6	2483.2000	45.45	-5.92	39.53	54.00	-14.47	AVG	

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

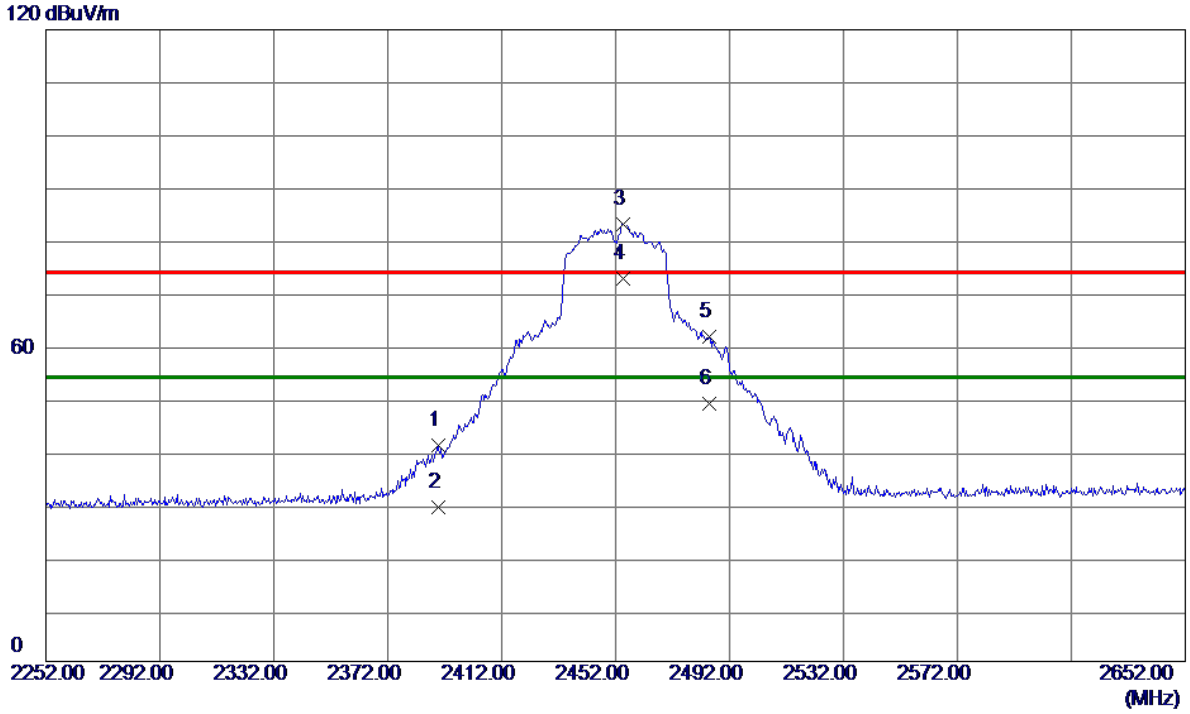
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/6/5
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	65.99	-6.12	59.87	74.00	-14.13	Peak	
2	2390.0000	51.60	-6.12	45.48	54.00	-8.52	AVG	
3	2424.8000	88.84	-6.04	82.80	74.00	8.80	Peak	No Limit
4 *	2424.8000	78.75	-6.04	72.71	54.00	18.71	AVG	No Limit
5	2487.2000	47.82	-5.91	41.91	74.00	-32.09	Peak	
6	2487.2000	31.02	-5.91	25.11	54.00	-28.89	AVG	

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

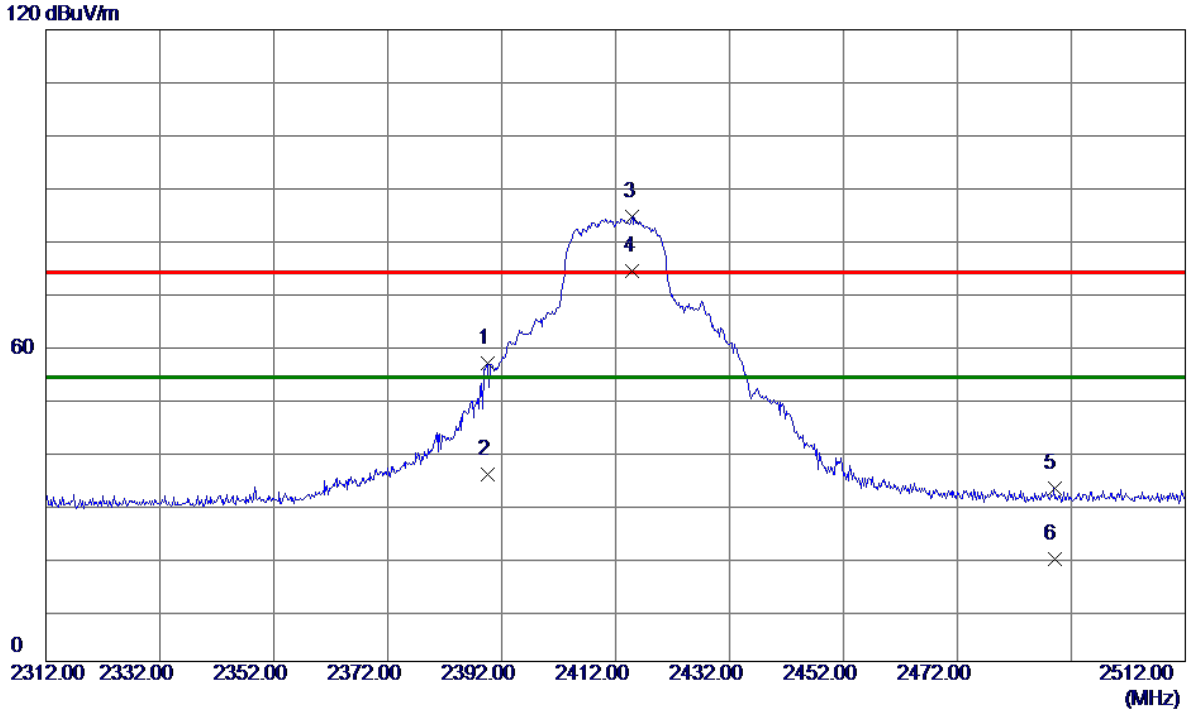
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/6/5
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.6000	47.09	-6.12	40.97	74.00	-33.03	Peak	
2	2389.6000	35.33	-6.12	29.21	54.00	-24.79	AVG	
3	2454.8000	88.99	-5.98	83.01	74.00	9.01	Peak	No Limit
4 *	2454.8000	78.65	-5.98	72.67	54.00	18.67	AVG	No Limit
5	2484.8000	67.63	-5.91	61.72	74.00	-12.28	Peak	
6	2484.8000	54.85	-5.91	48.94	54.00	-5.06	AVG	

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

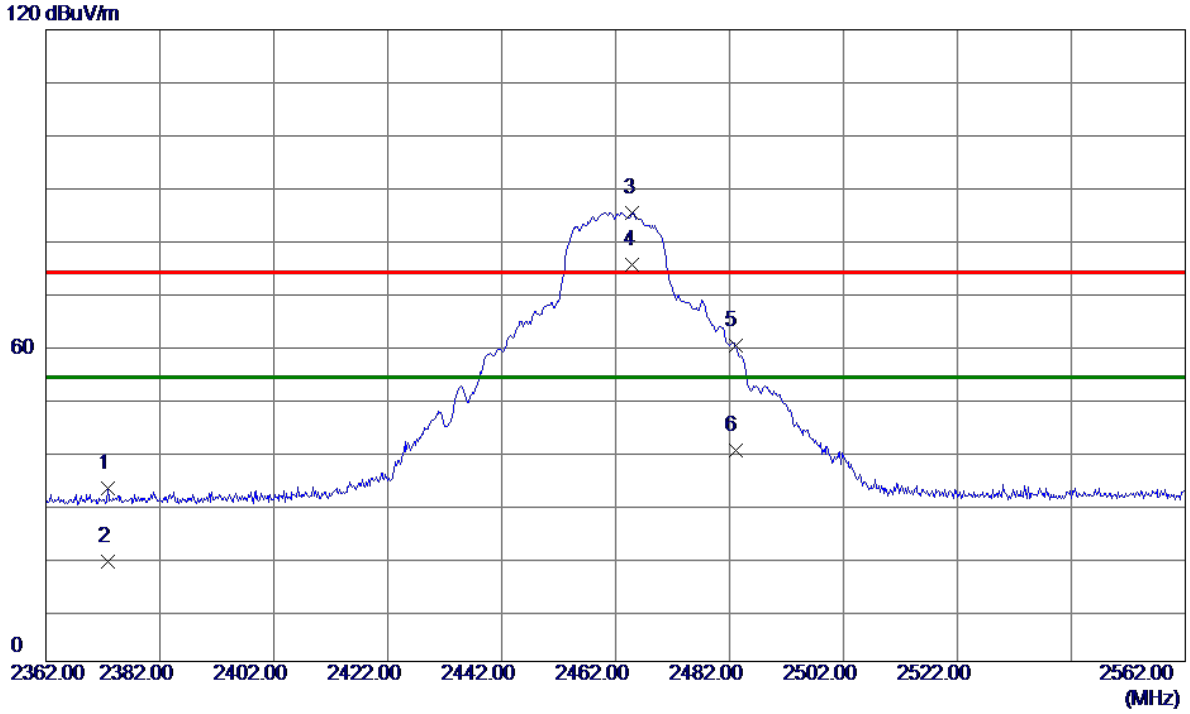
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/6/6
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



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

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.6000	62.69	-6.12	56.57	74.00	-17.43	Peak	
2	2389.6000	41.64	-6.12	35.52	54.00	-18.48	AVG	
3	2415.0000	90.56	-6.07	84.49	74.00	10.49	Peak	No Limit
4 *	2415.0000	80.26	-6.07	74.19	54.00	20.19	AVG	No Limit
5	2489.0000	38.73	-5.90	32.83	74.00	-41.17	Peak	
6	2489.0000	25.30	-5.90	19.40	54.00	-34.60	AVG	

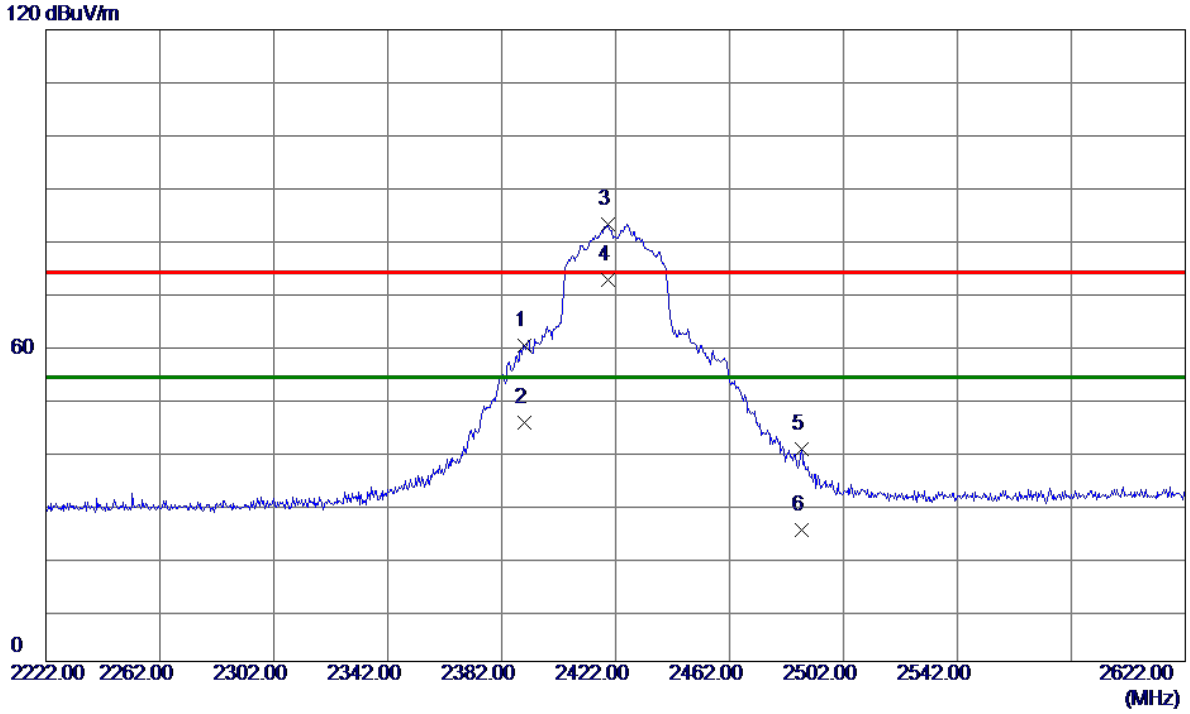
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/6/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2372.8000	39.14	-6.16	32.98	74.00	-41.02	Peak	
2	2372.8000	25.05	-6.16	18.89	54.00	-35.11	AVG	
3	2465.0000	91.22	-5.96	85.26	74.00	11.26	Peak	No Limit
4 *	2465.0000	81.33	-5.96	75.37	54.00	21.37	AVG	No Limit
5	2483.0000	65.91	-5.92	59.99	74.00	-14.01	Peak	
6	2483.0000	46.07	-5.92	40.15	54.00	-13.85	AVG	

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

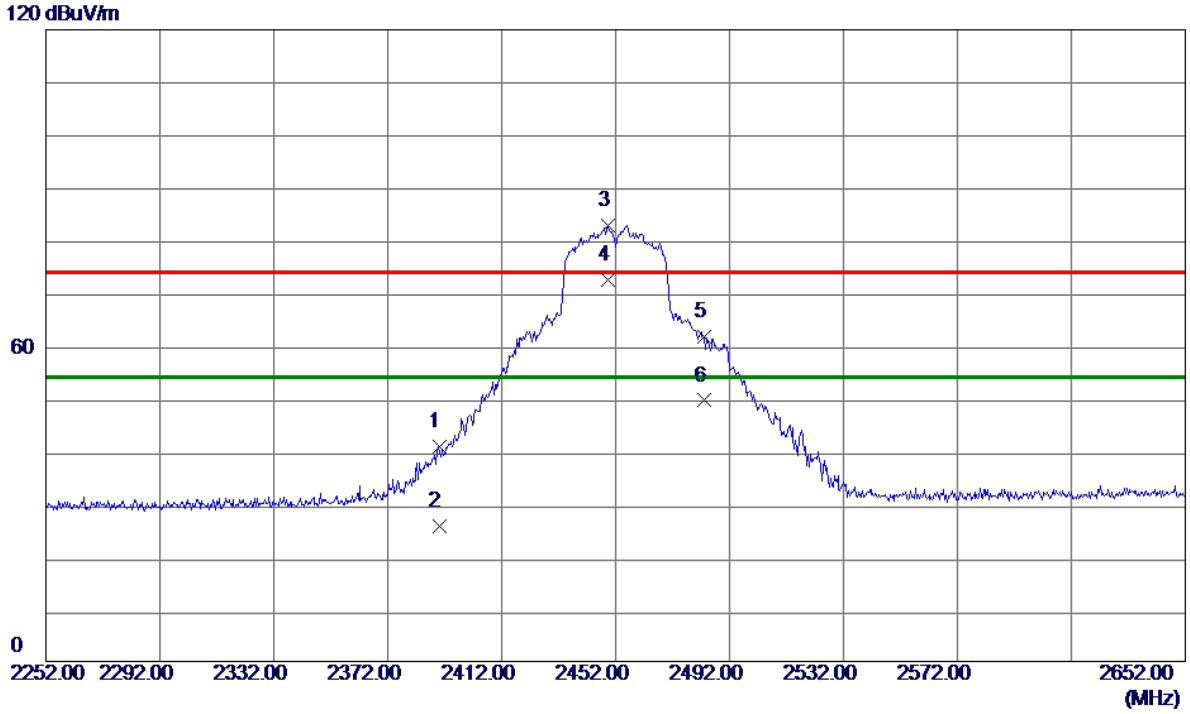
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/6/6
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	66.20	-6.12	60.08	74.00	-13.92	Peak	
2	2390.0000	51.40	-6.12	45.28	54.00	-8.72	AVG	
3	2419.2000	89.13	-6.06	83.07	74.00	9.07	Peak	No Limit
4 *	2419.2000	78.64	-6.06	72.58	54.00	18.58	AVG	No Limit
5	2487.2000	46.14	-5.91	40.23	74.00	-33.77	Peak	
6	2487.2000	30.83	-5.91	24.92	54.00	-29.08	AVG	

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

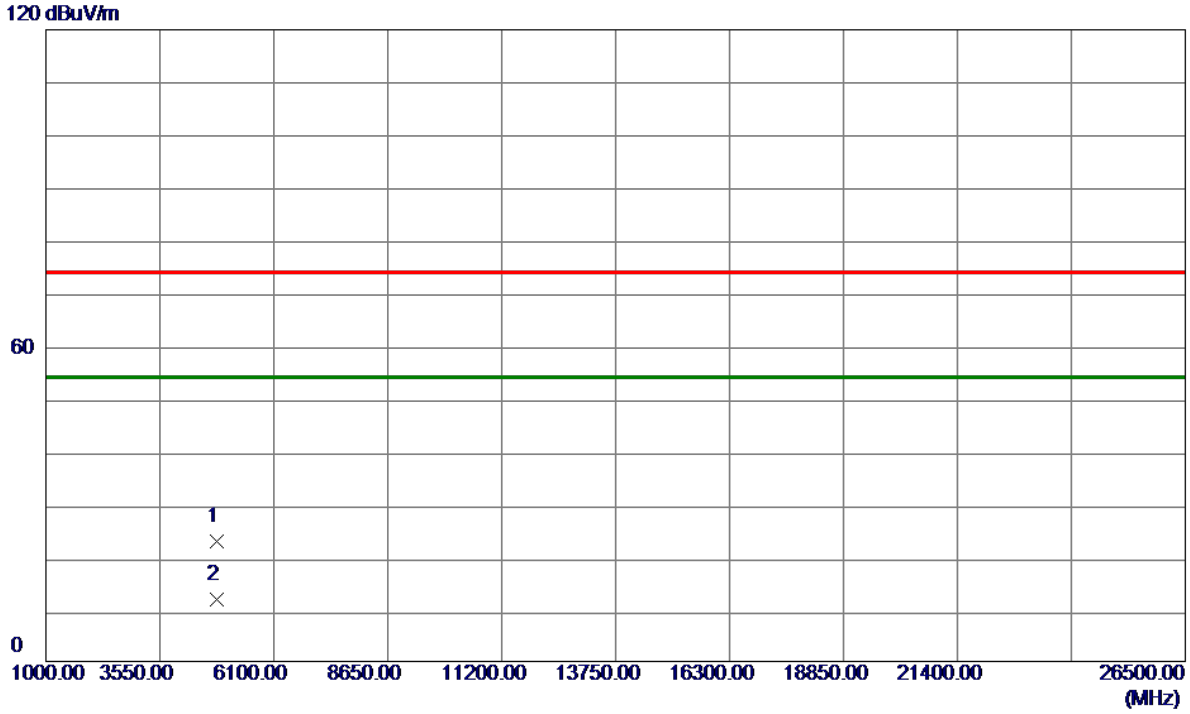
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/6/6
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	46.91	-6.12	40.79	74.00	-33.21	Peak	
2	2390.0000	31.89	-6.12	25.77	54.00	-28.23	AVG	
3	2449.2000	88.83	-5.99	82.84	74.00	8.84	Peak	No Limit
4 *	2449.2000	78.35	-5.99	72.36	54.00	18.36	AVG	No Limit
5	2483.2000	67.57	-5.92	61.65	74.00	-12.35	Peak	
6	2483.2000	55.48	-5.92	49.56	54.00	-4.44	AVG	

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

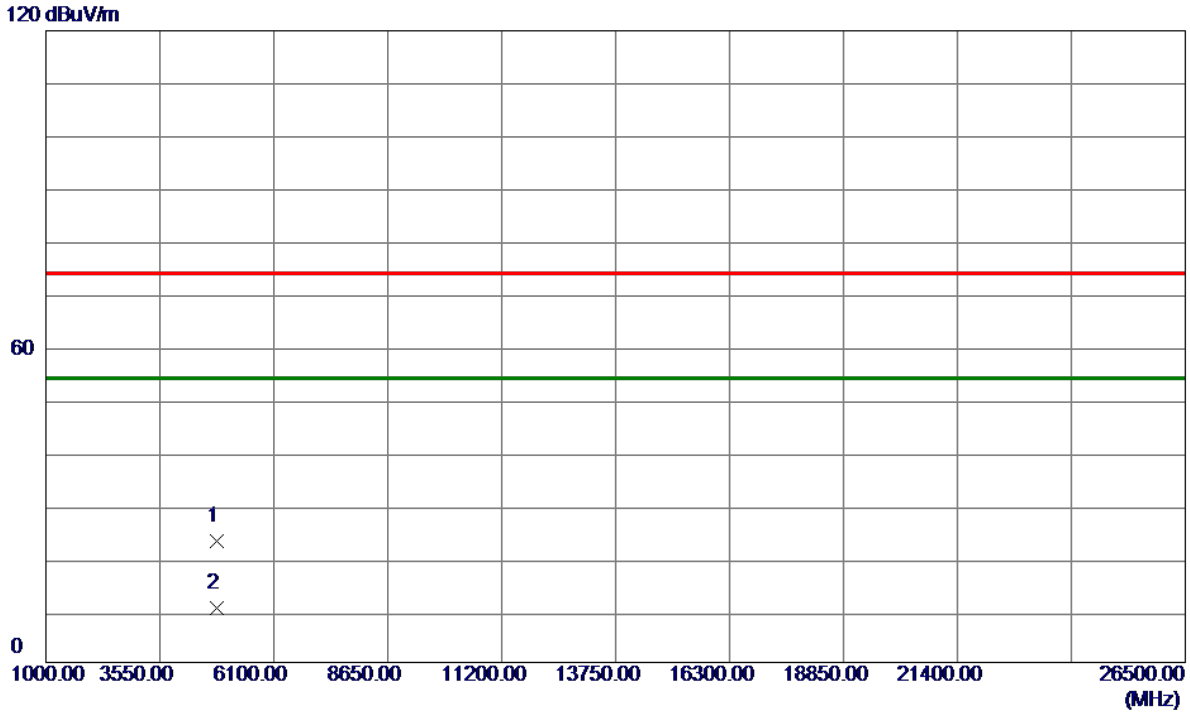
Test Mode	IEEE 802.11b	Test Date	2024/6/11
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	31.46	-8.57	22.89	74.00	-51.11	Peak	
2 *	4824.0000	20.29	-8.57	11.72	54.00	-42.28	AVG	

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

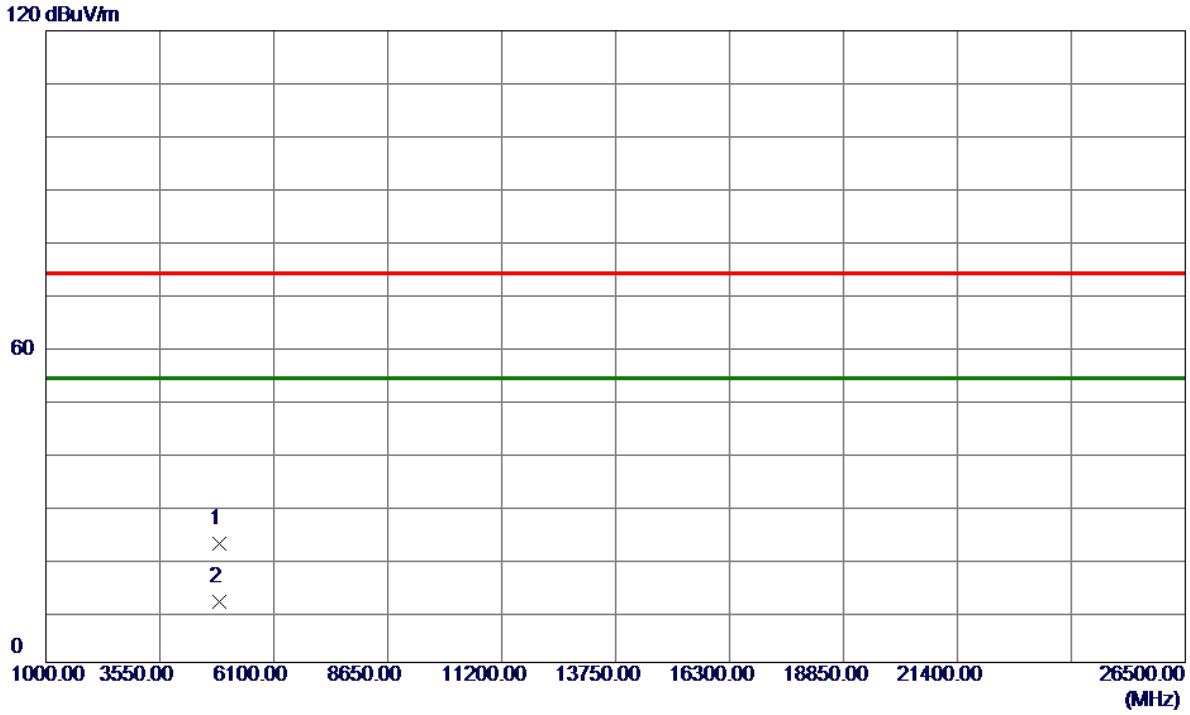
Test Mode	IEEE 802.11b	Test Date	2024/6/11
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	31.53	-8.57	22.96	74.00	-51.04	Peak	
2 *	4824.0000	18.97	-8.57	10.40	54.00	-43.60	AVG	

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

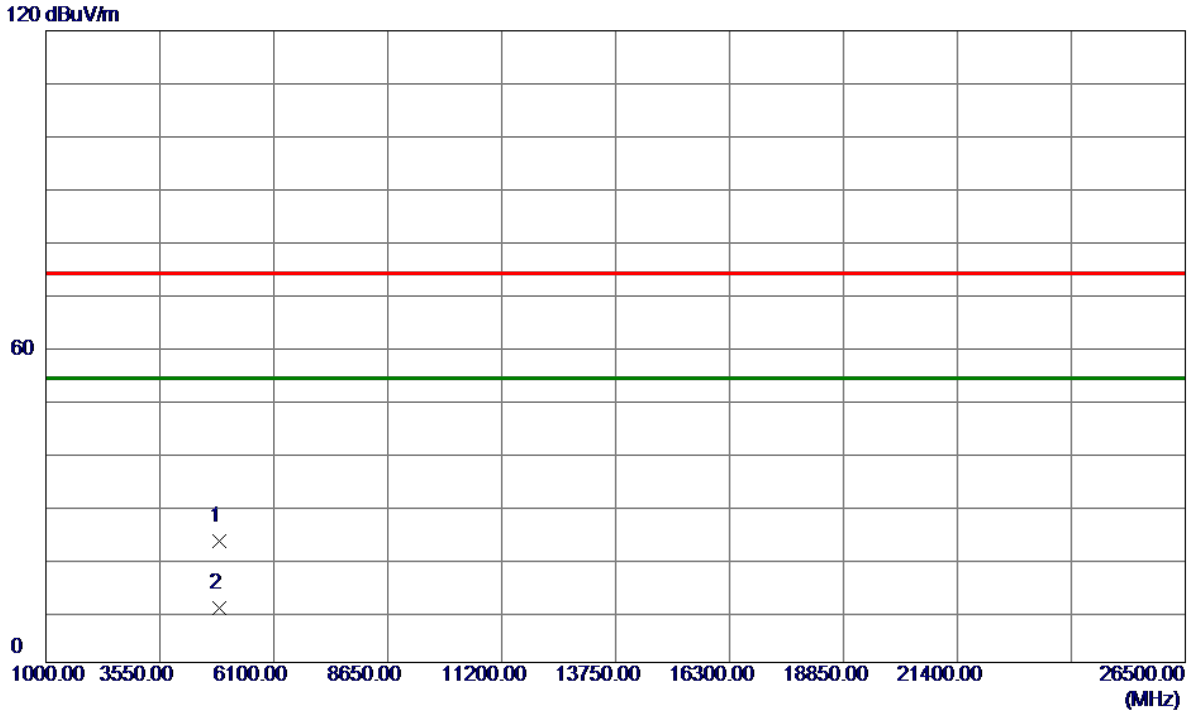
Test Mode	IEEE 802.11b	Test Date	2024/6/11
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	31.09	-8.44	22.65	74.00	-51.35	Peak	
2 *	4874.0000	20.02	-8.44	11.58	54.00	-42.42	AVG	

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

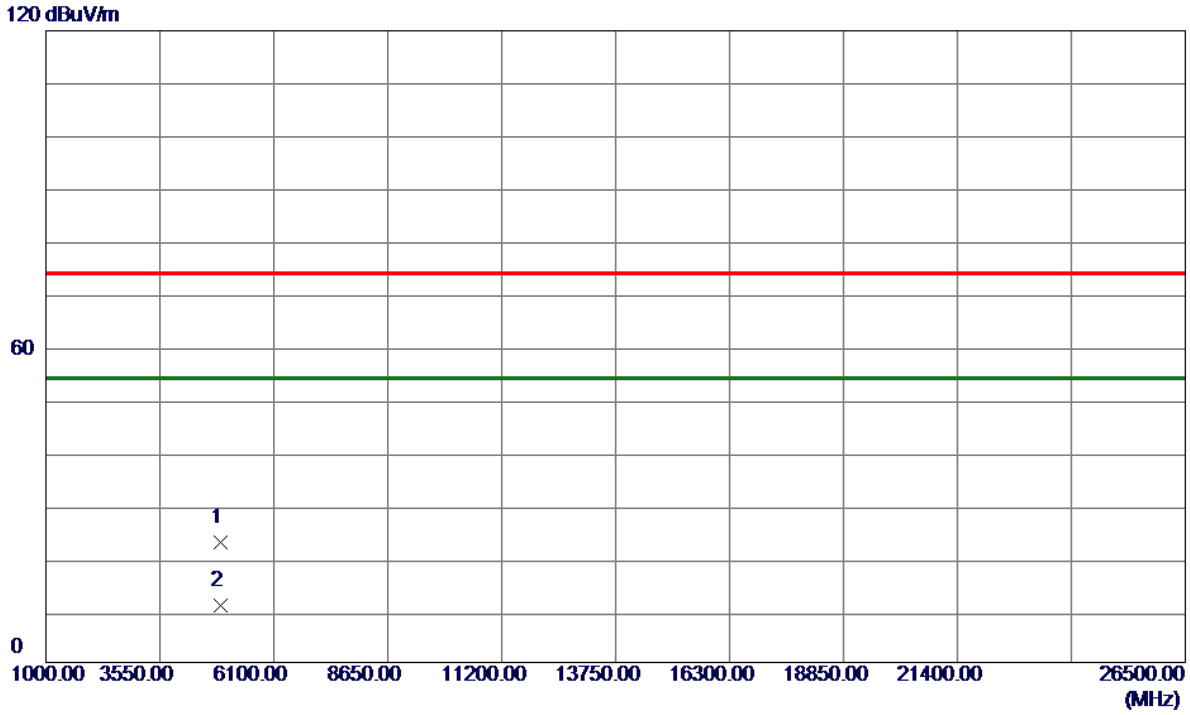
Test Mode	IEEE 802.11b	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	31.39	-8.44	22.95	74.00	-51.05	Peak	
2 *	4874.0000	18.76	-8.44	10.32	54.00	-43.68	AVG	

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

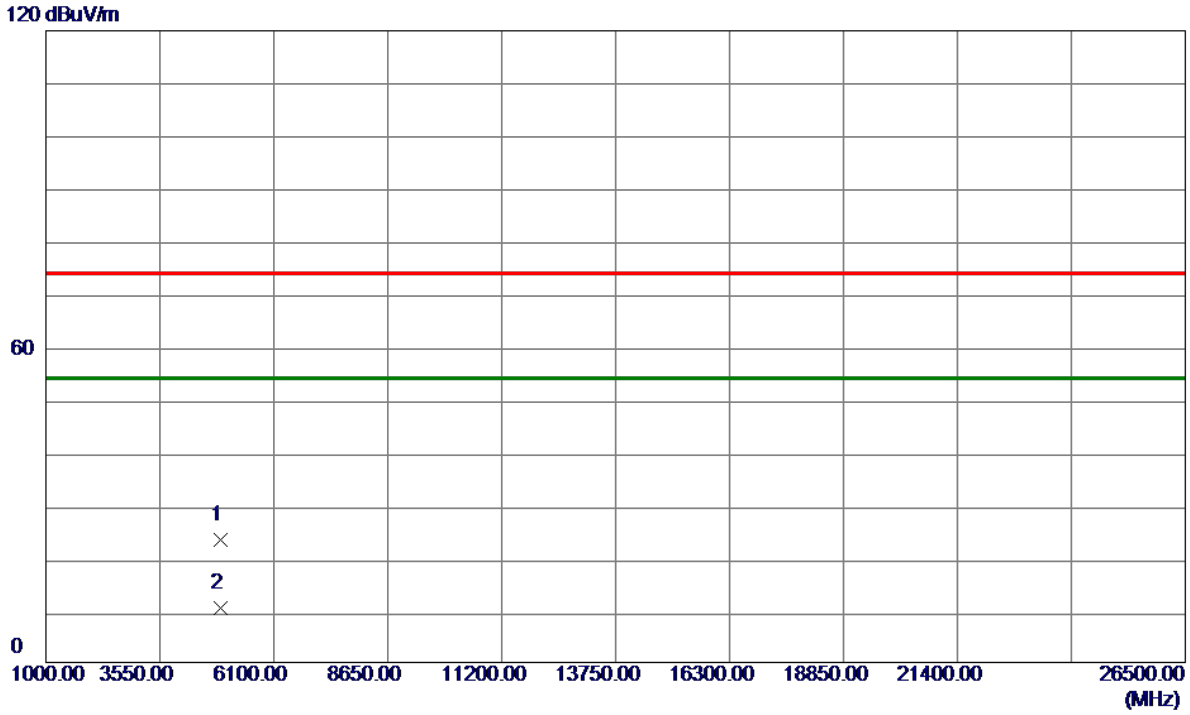
Test Mode	IEEE 802.11b	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	31.05	-8.32	22.73	74.00	-51.27	Peak	
2 *	4924.0000	19.14	-8.32	10.82	54.00	-43.18	AVG	

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

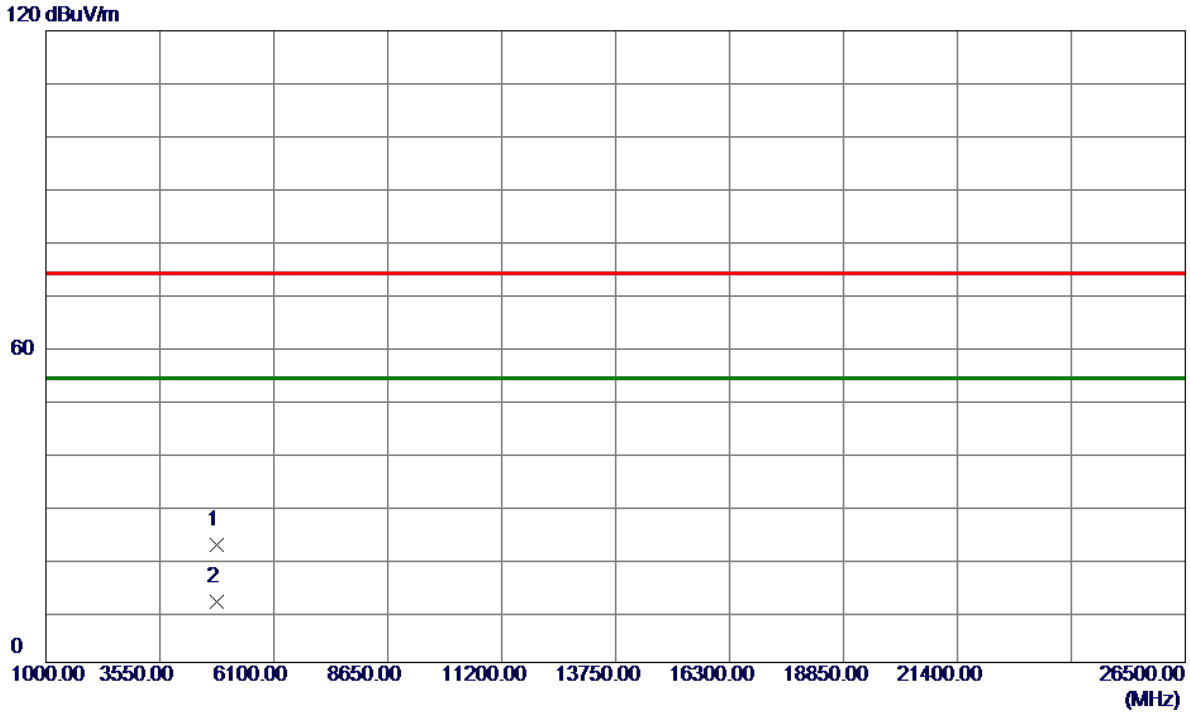
Test Mode	IEEE 802.11b	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	31.68	-8.32	23.36	74.00	-50.64	Peak	
2 *	4924.0000	18.72	-8.32	10.40	54.00	-43.60	AVG	

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

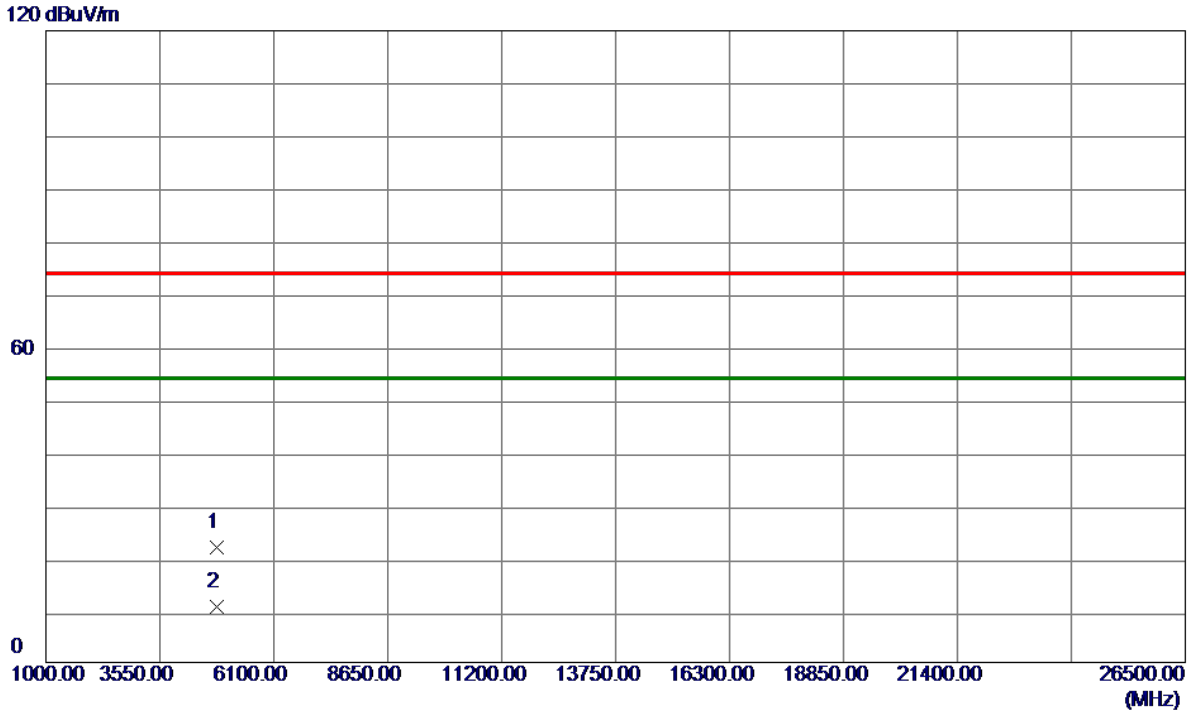
Test Mode	IEEE 802.11g	Test Date	2024/6/12
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	31.00	-8.57	22.43	74.00	-51.57	Peak	
2 *	4824.0000	20.04	-8.57	11.47	54.00	-42.53	AVG	

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

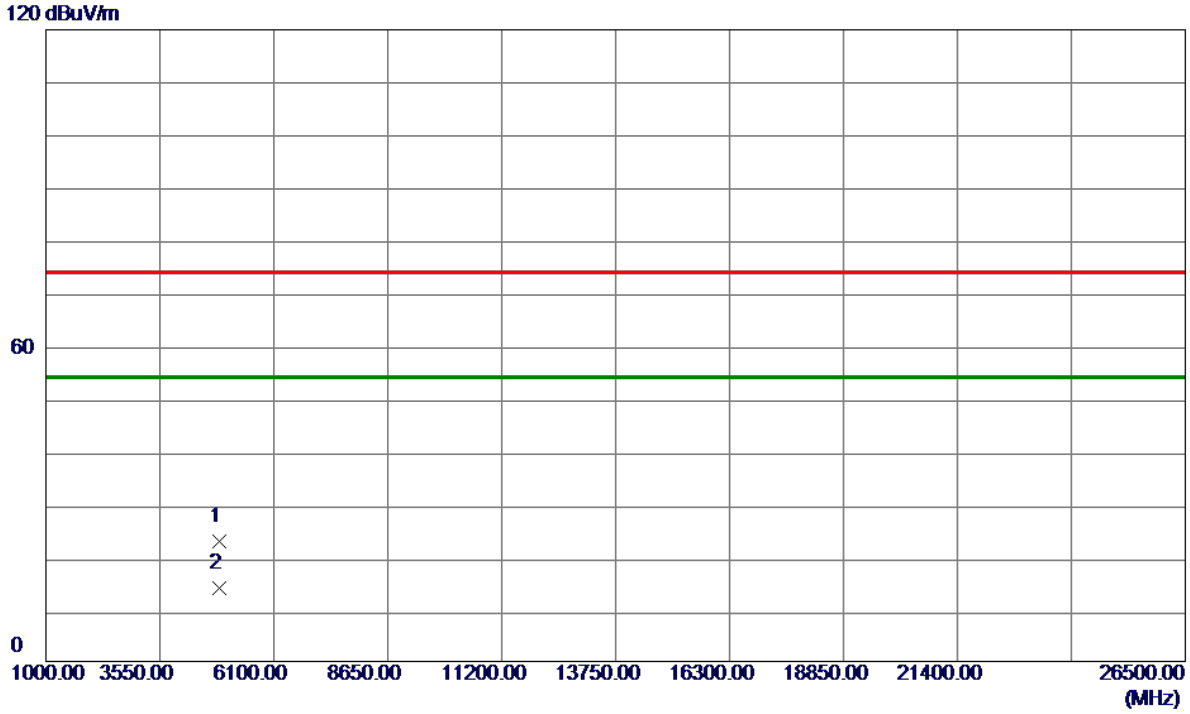
Test Mode	IEEE 802.11g	Test Date	2024/6/12
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	30.46	-8.57	21.89	74.00	-52.11	Peak	
2 *	4824.0000	19.12	-8.57	10.55	54.00	-43.45	AVG	

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

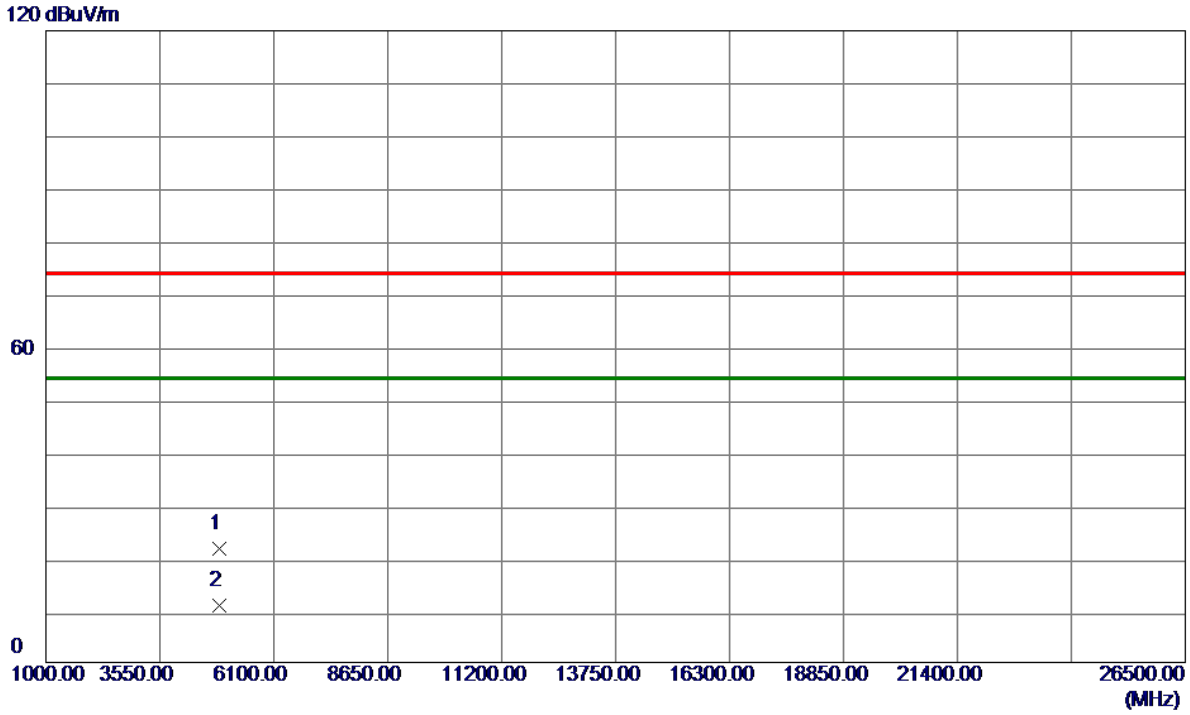
Test Mode	IEEE 802.11g	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	31.15	-8.44	22.71	74.00	-51.29	Peak	
2 *	4874.0000	22.36	-8.44	13.92	54.00	-40.08	AVG	

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

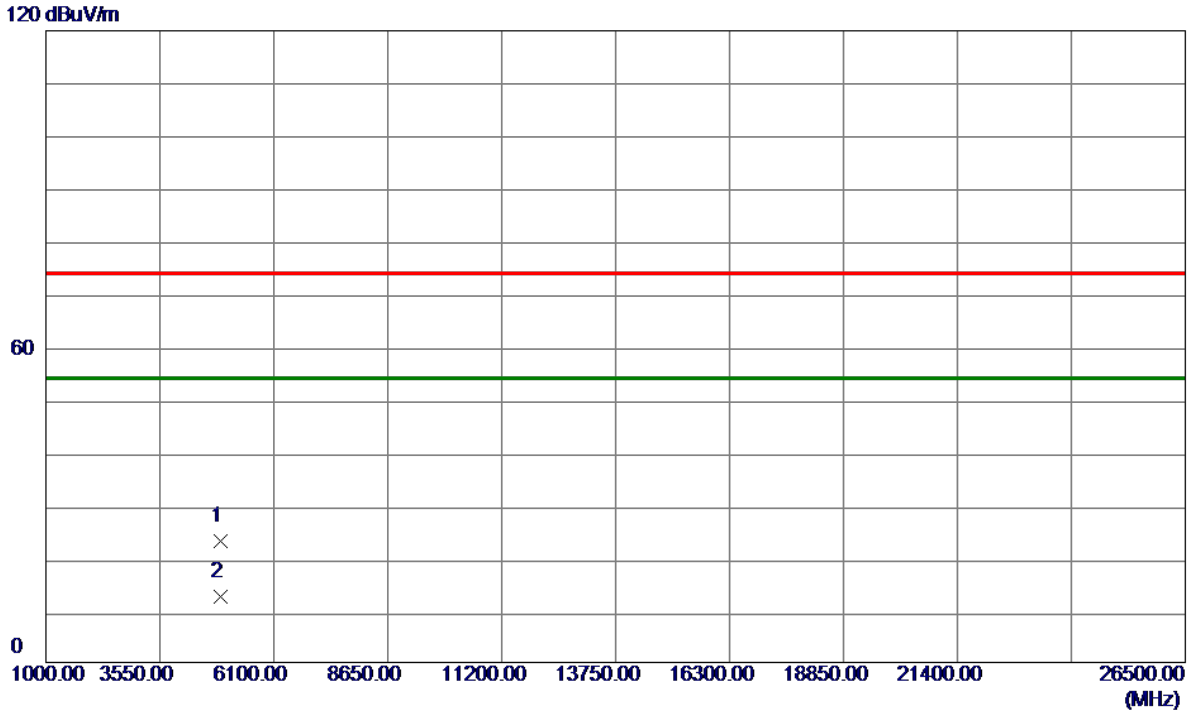
Test Mode	IEEE 802.11g	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	29.94	-8.44	21.50	74.00	-52.50	Peak	
2 *	4874.0000	19.25	-8.44	10.81	54.00	-43.19	AVG	

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

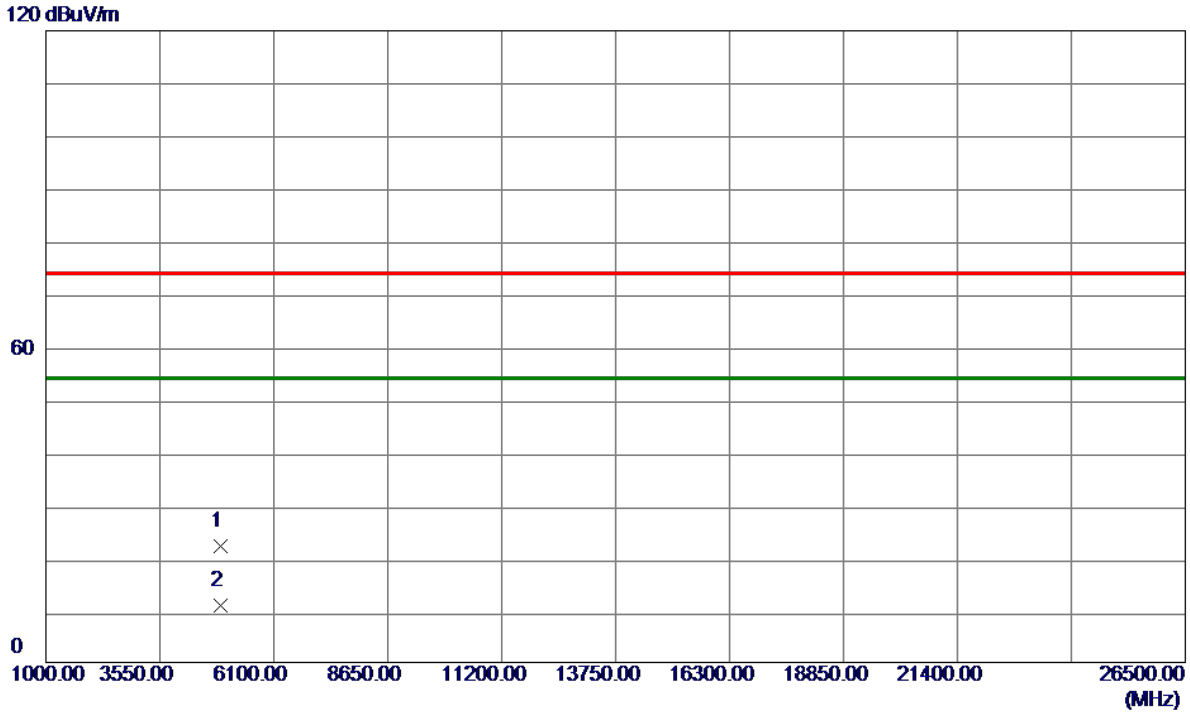
Test Mode	IEEE 802.11g	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	31.43	-8.32	23.11	74.00	-50.89	Peak	
2 *	4924.0000	20.91	-8.32	12.59	54.00	-41.41	AVG	

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

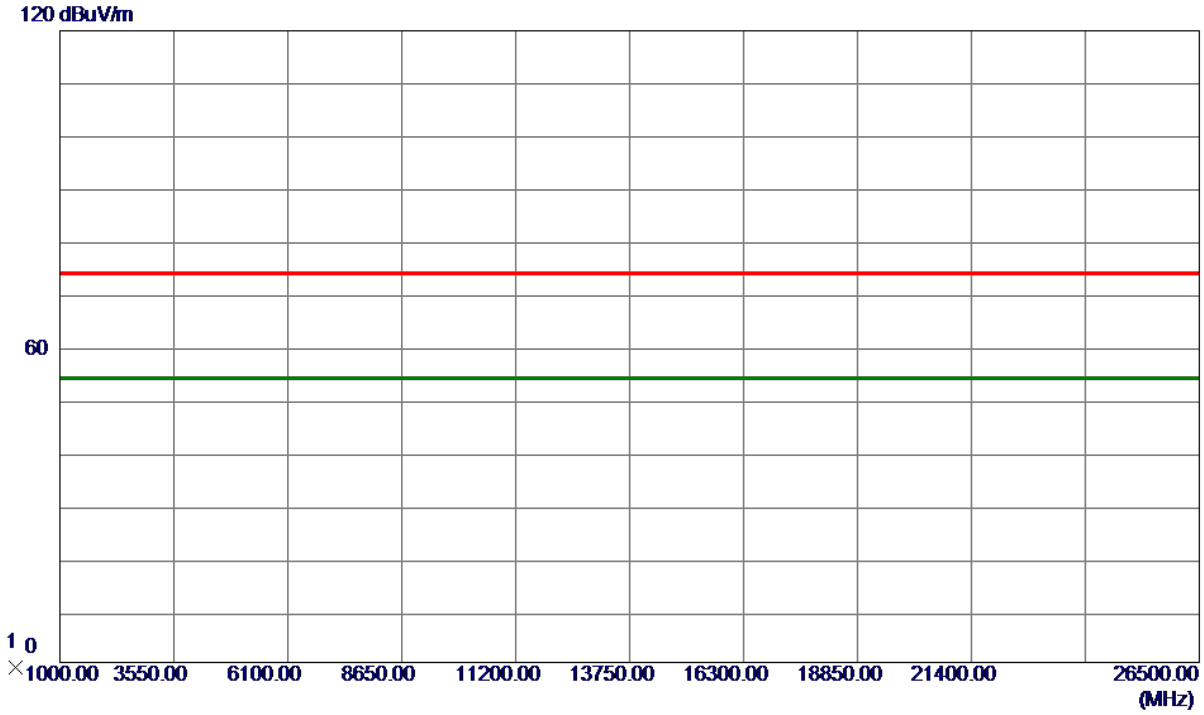
Test Mode	IEEE 802.11g	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	30.43	-8.32	22.11	74.00	-51.89	Peak	
2 *	4924.0000	19.12	-8.32	10.80	54.00	-43.20	AVG	

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

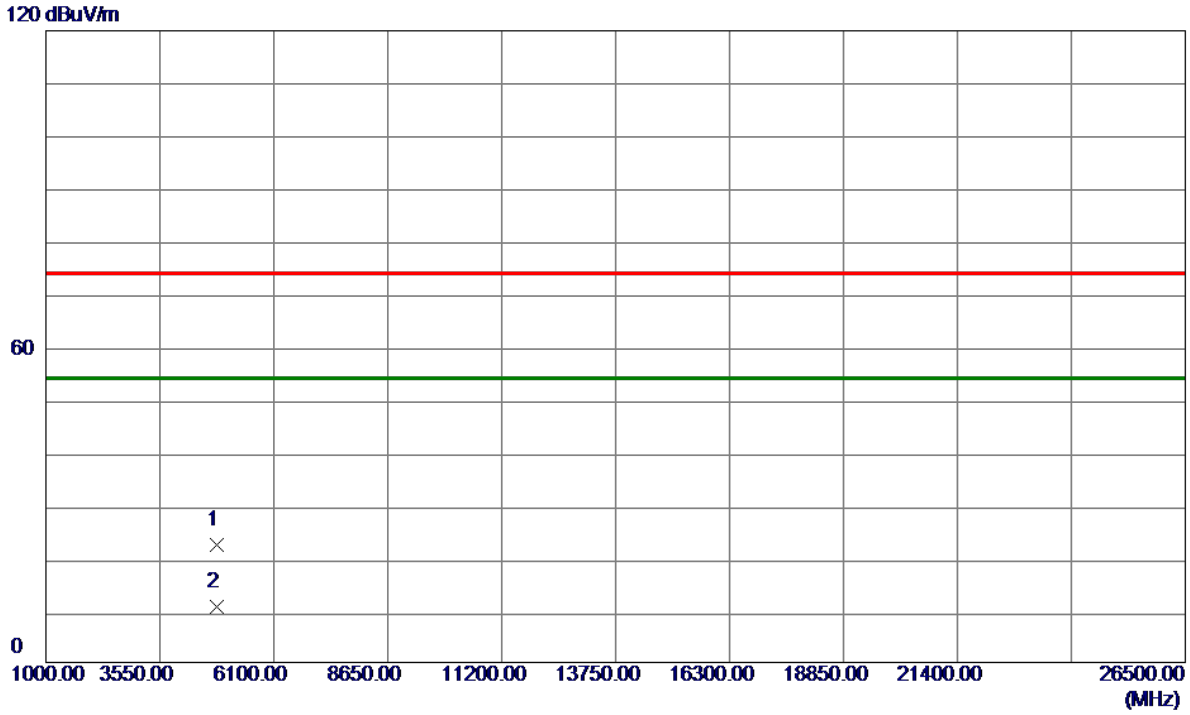
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/6/12
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment

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

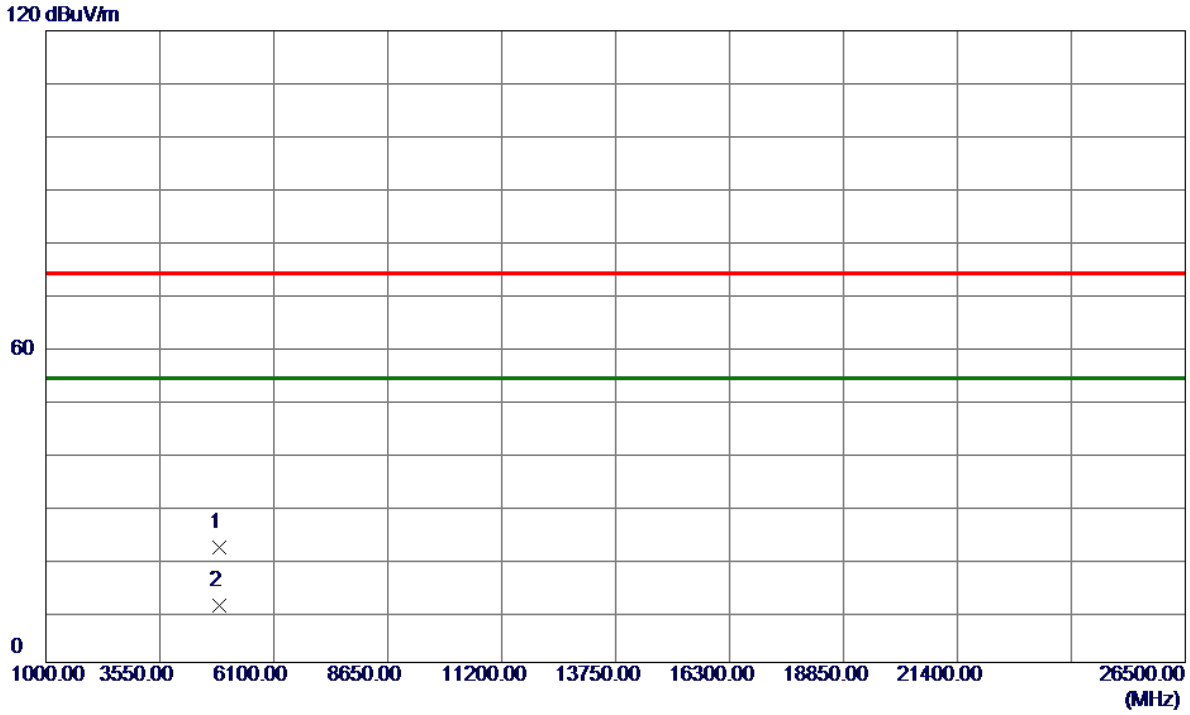
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/6/12
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	30.95	-8.57	22.38	74.00	-51.62	Peak	
2 *	4824.0000	19.14	-8.57	10.57	54.00	-43.43	AVG	

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

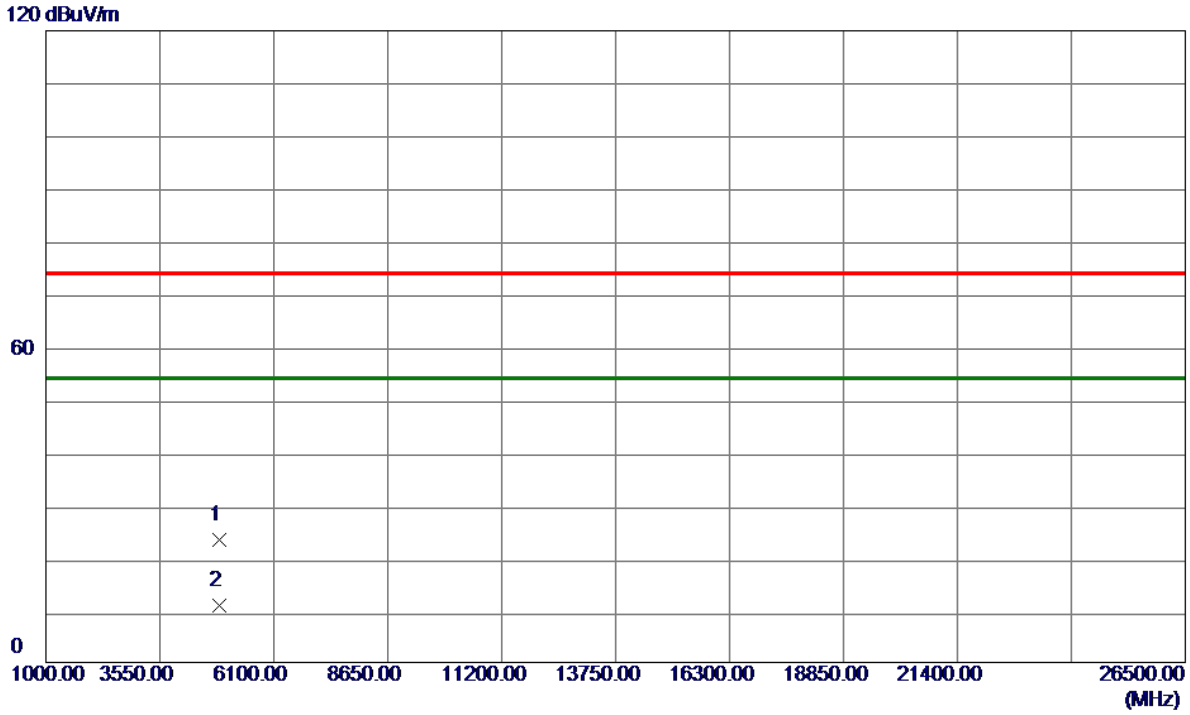
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	30.38	-8.44	21.94	74.00	-52.06	Peak	
2 *	4874.0000	19.34	-8.44	10.90	54.00	-43.10	AVG	

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

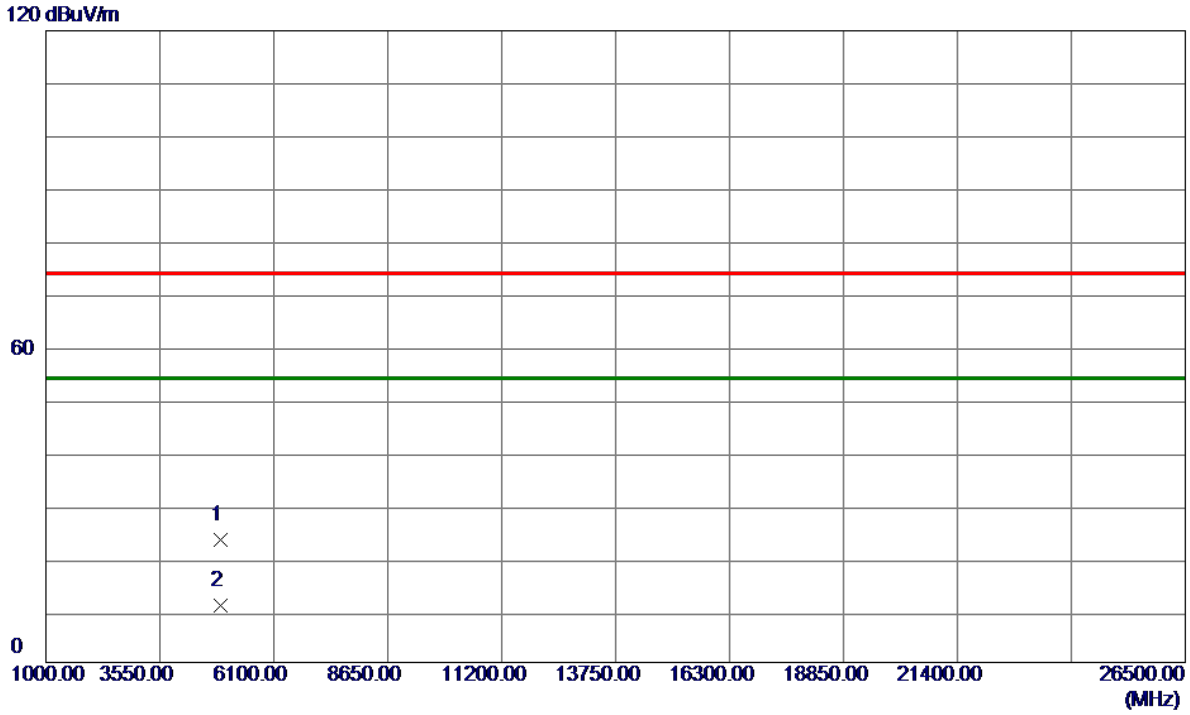
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	31.67	-8.44	23.23	74.00	-50.77	Peak	
2 *	4874.0000	19.31	-8.44	10.87	54.00	-43.13	AVG	

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

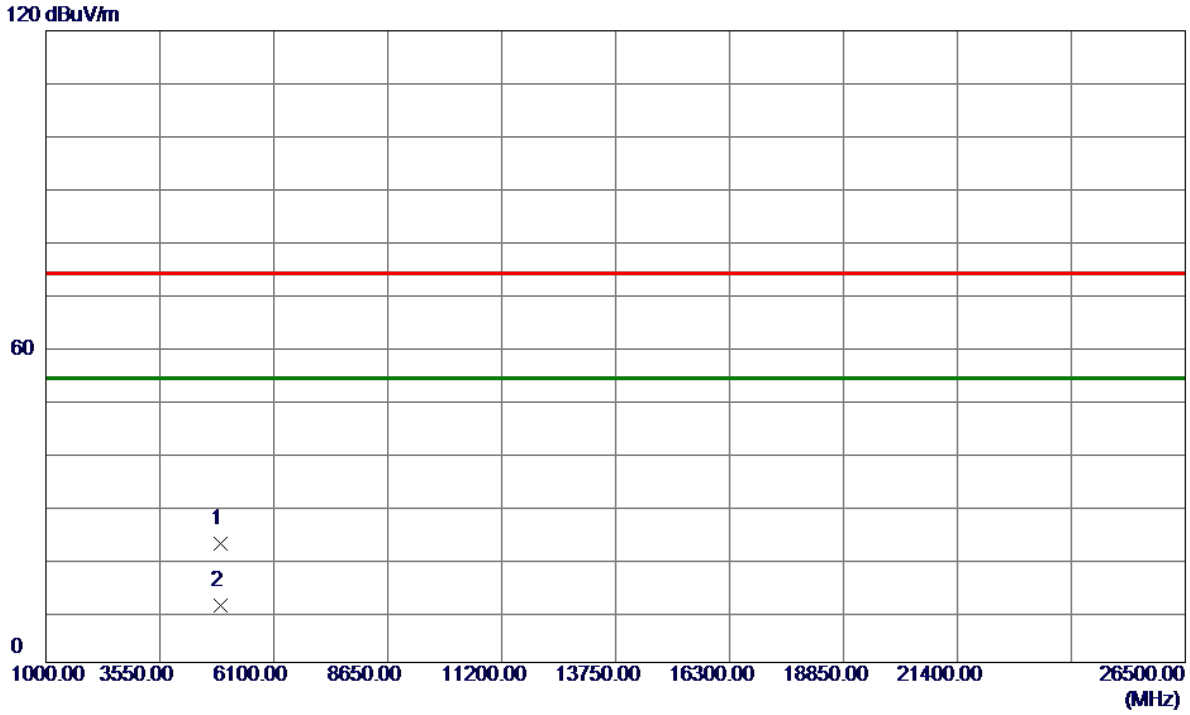
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	31.65	-8.32	23.33	74.00	-50.67	Peak	
2 *	4924.0000	19.07	-8.32	10.75	54.00	-43.25	AVG	

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

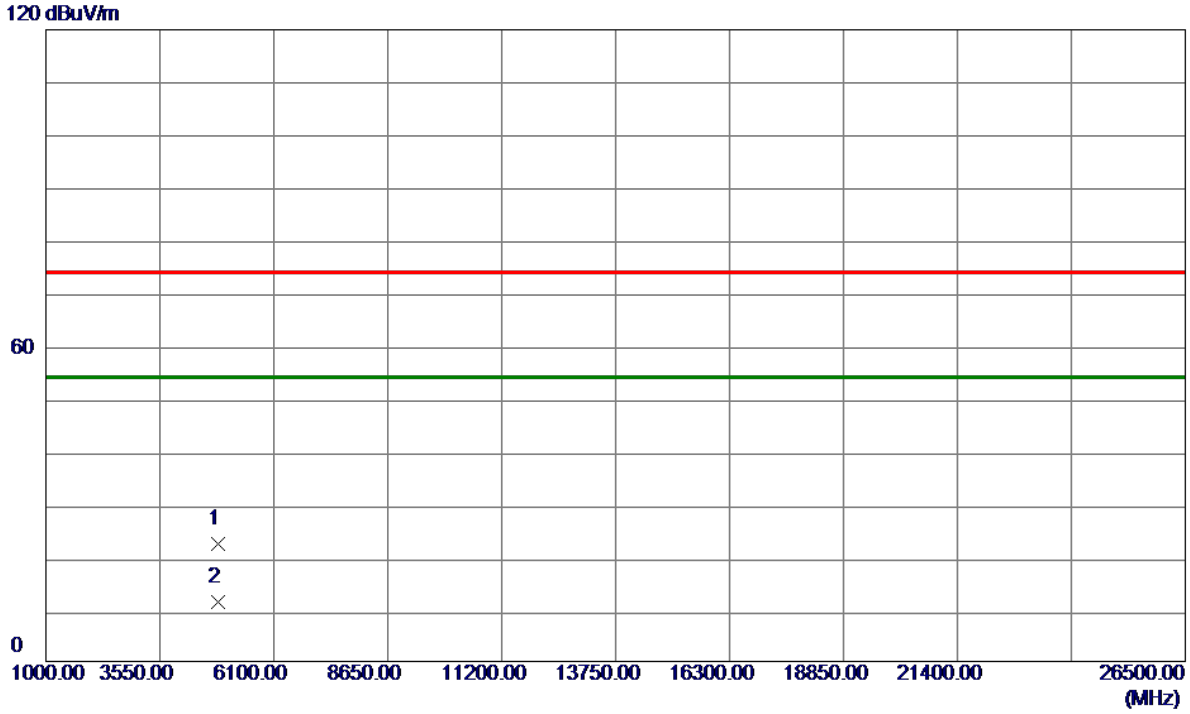
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	30.81	-8.32	22.49	74.00	-51.51	Peak	
2 *	4924.0000	19.21	-8.32	10.89	54.00	-43.11	AVG	

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

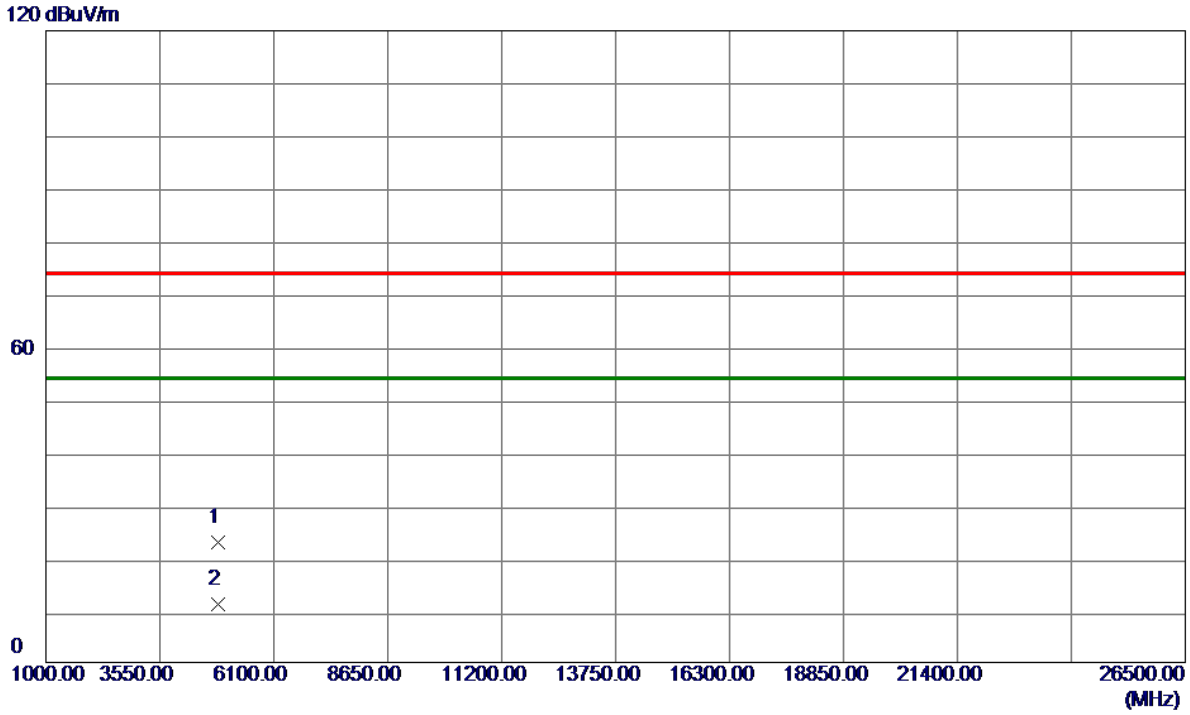
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/6/12
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	30.93	-8.52	22.41	74.00	-51.59	Peak	
2 *	4844.0000	19.71	-8.52	11.19	54.00	-42.81	AVG	

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

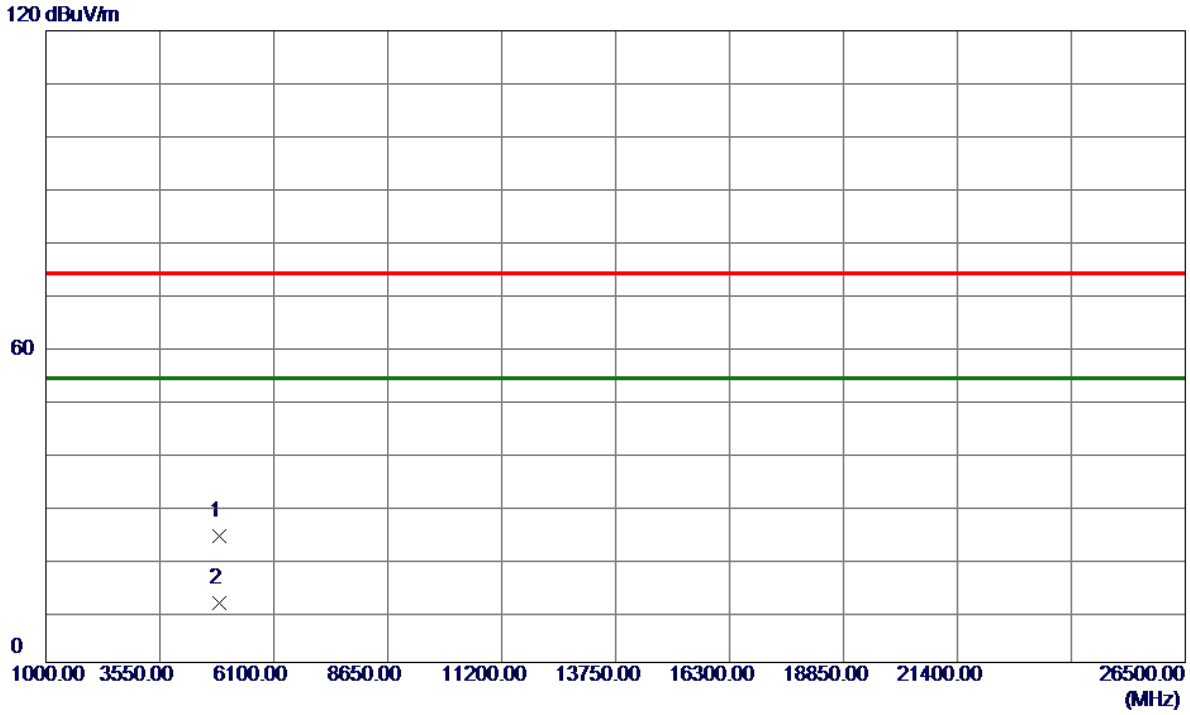
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/6/12
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	31.28	-8.52	22.76	74.00	-51.24	Peak	
2 *	4844.0000	19.66	-8.52	11.14	54.00	-42.86	AVG	

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

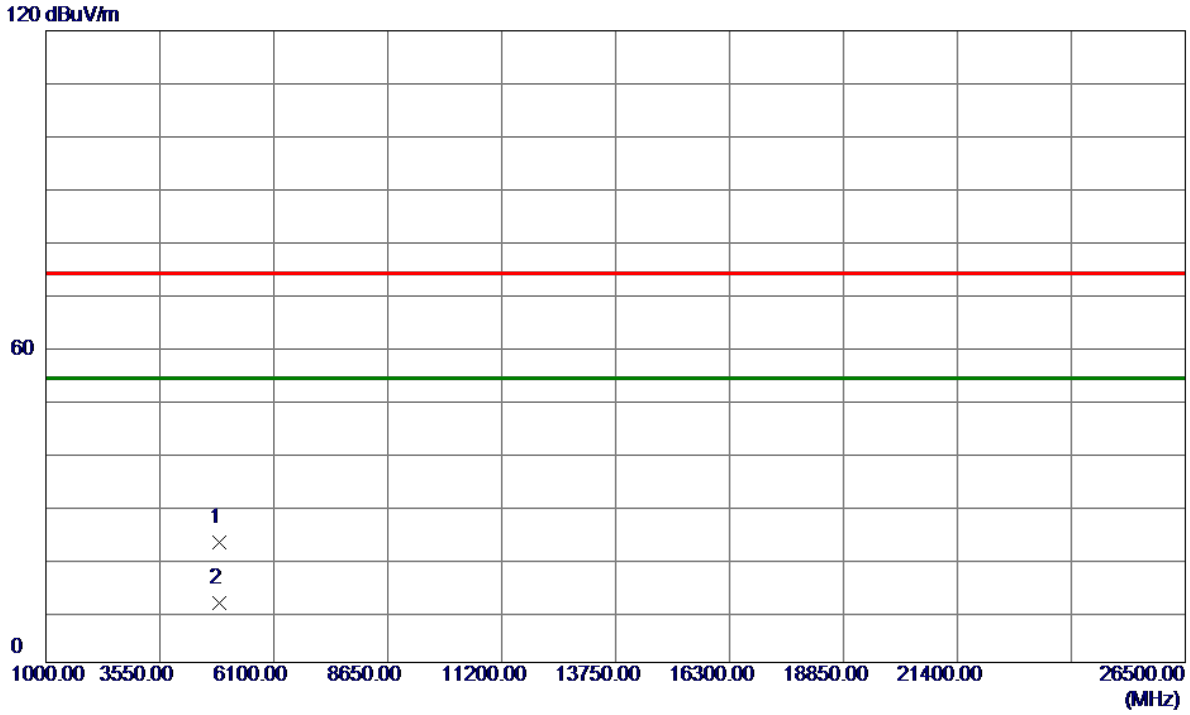
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	32.40	-8.44	23.96	74.00	-50.04	Peak	
2 *	4874.0000	19.82	-8.44	11.38	54.00	-42.62	AVG	

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

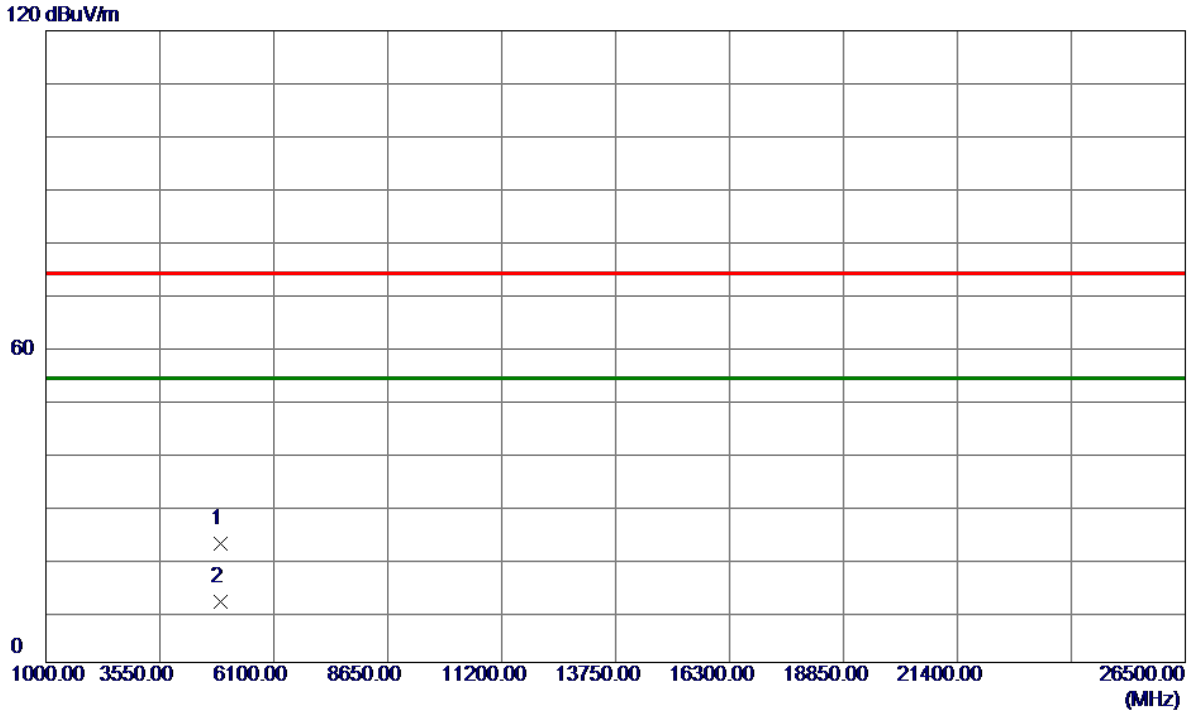
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	31.22	-8.44	22.78	74.00	-51.22	Peak	
2 *	4874.0000	19.78	-8.44	11.34	54.00	-42.66	AVG	

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

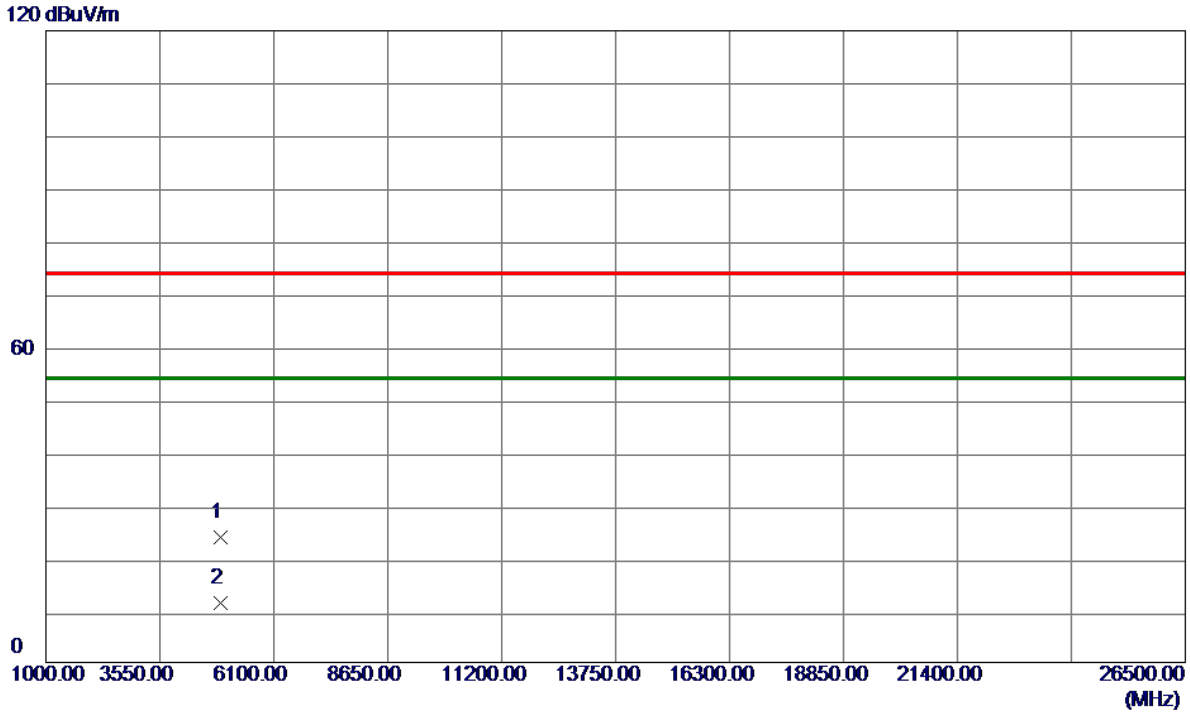
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/6/12
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	30.98	-8.37	22.61	74.00	-51.39	Peak	
2 *	4904.0000	19.96	-8.37	11.59	54.00	-42.41	AVG	

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

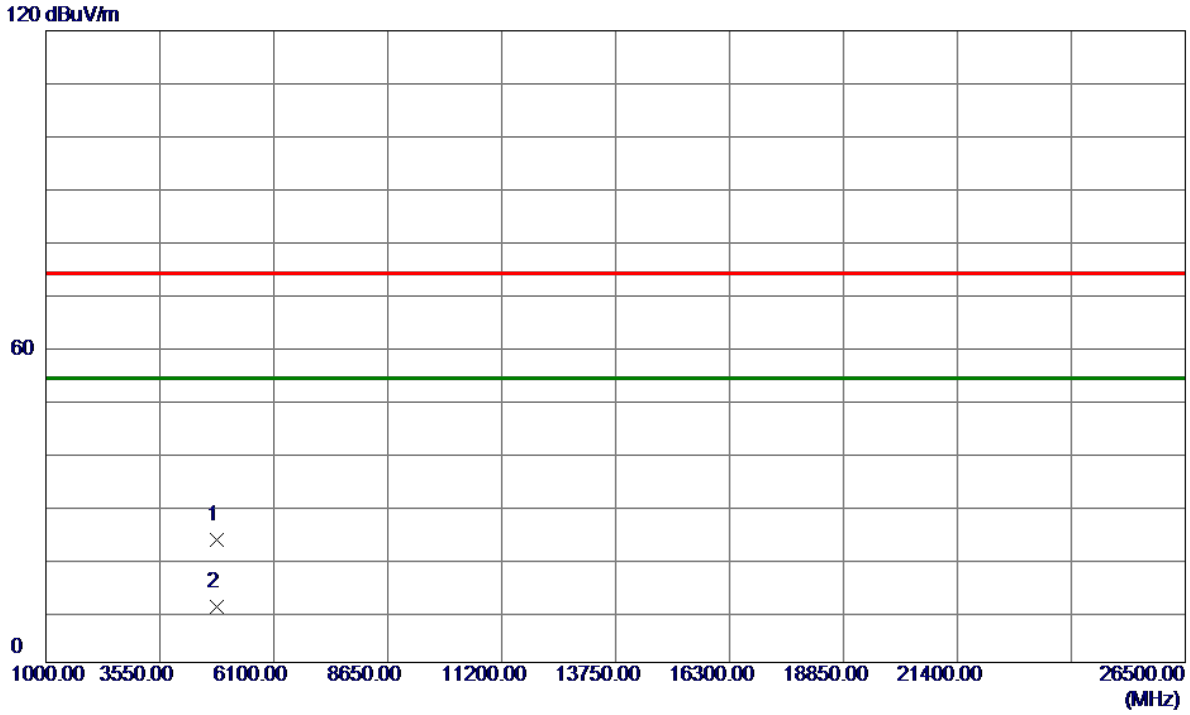
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/6/12
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	32.17	-8.37	23.80	74.00	-50.20	Peak	
2 *	4904.0000	19.67	-8.37	11.30	54.00	-42.70	AVG	

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

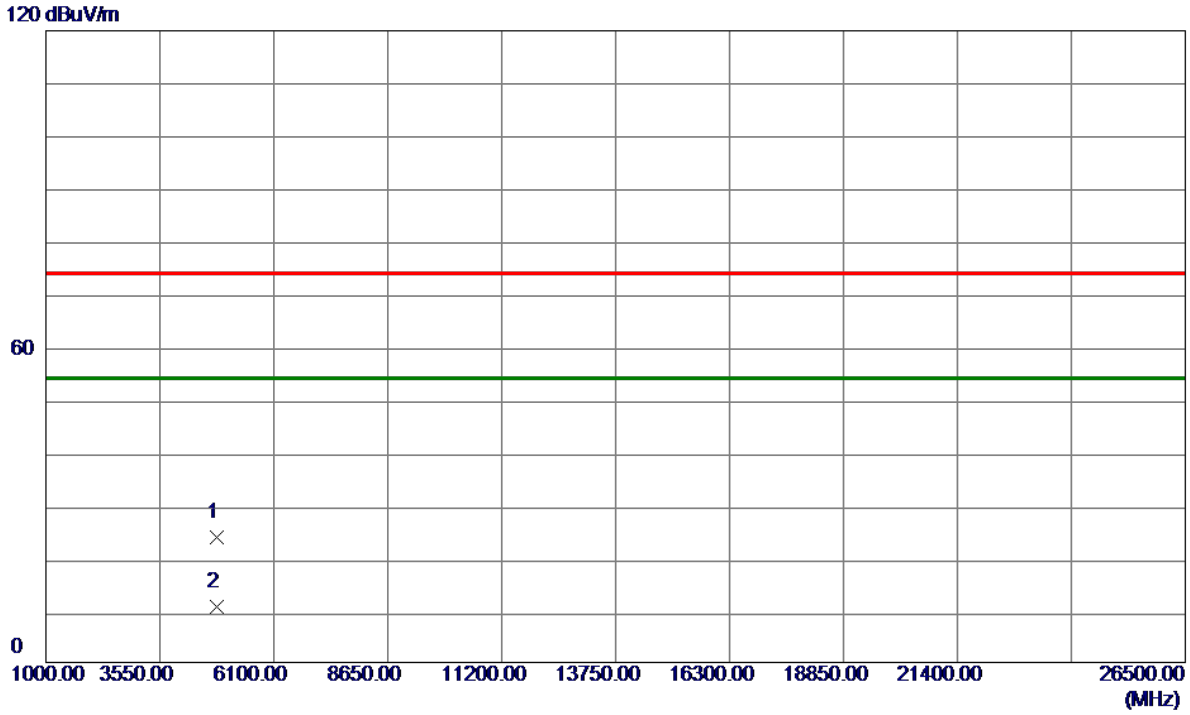
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/6/12
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	31.79	-8.57	23.22	74.00	-50.78	Peak	
2 *	4824.0000	19.18	-8.57	10.61	54.00	-43.39	AVG	

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

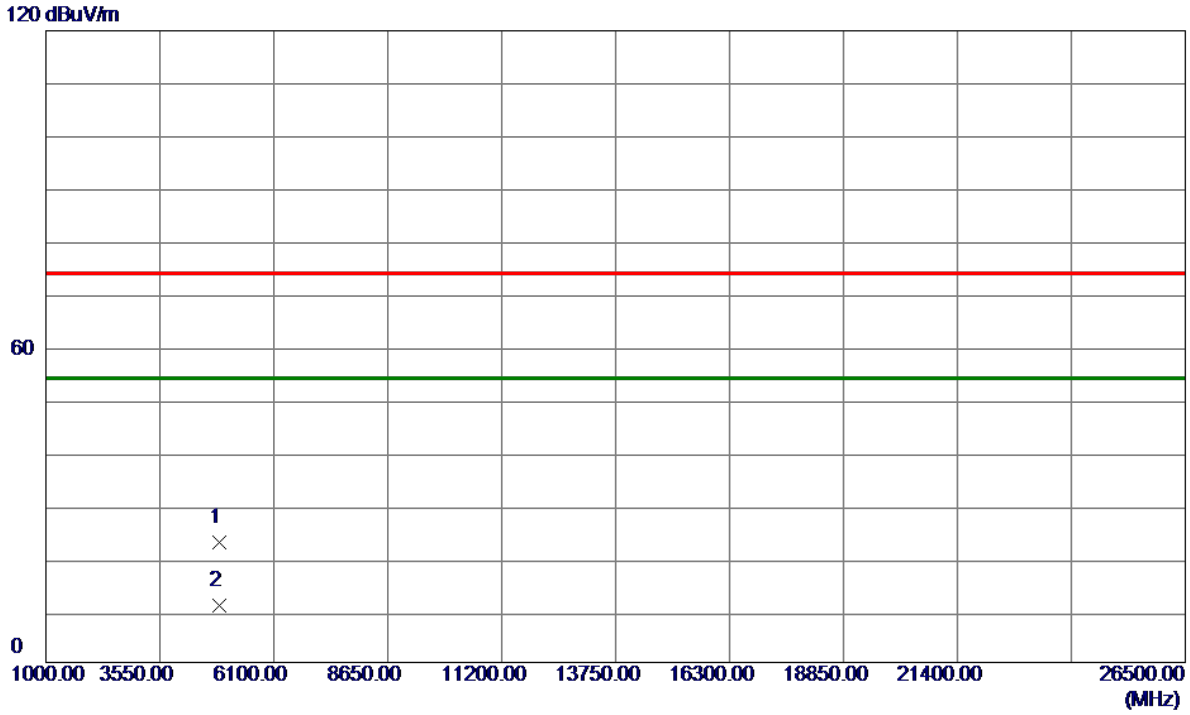
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/6/12
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	32.29	-8.57	23.72	74.00	-50.28	Peak	
2 *	4824.0000	19.21	-8.57	10.64	54.00	-43.36	AVG	

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

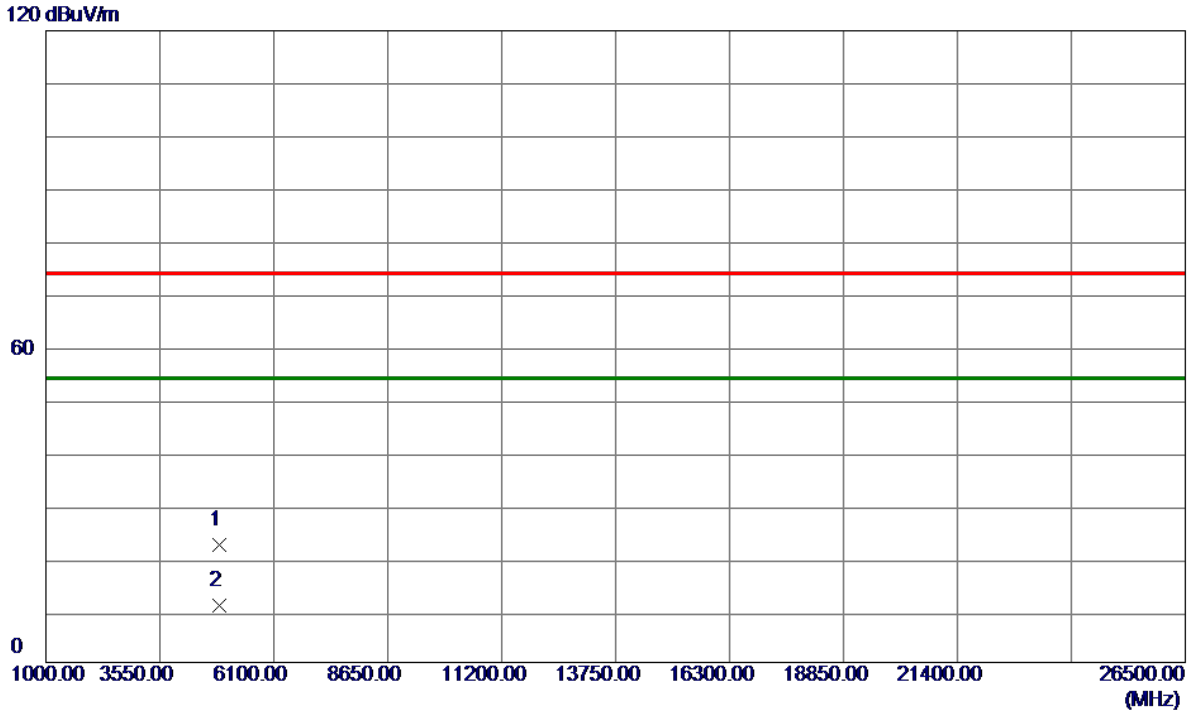
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	31.23	-8.44	22.79	74.00	-51.21	Peak	
2 *	4874.0000	19.32	-8.44	10.88	54.00	-43.12	AVG	

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

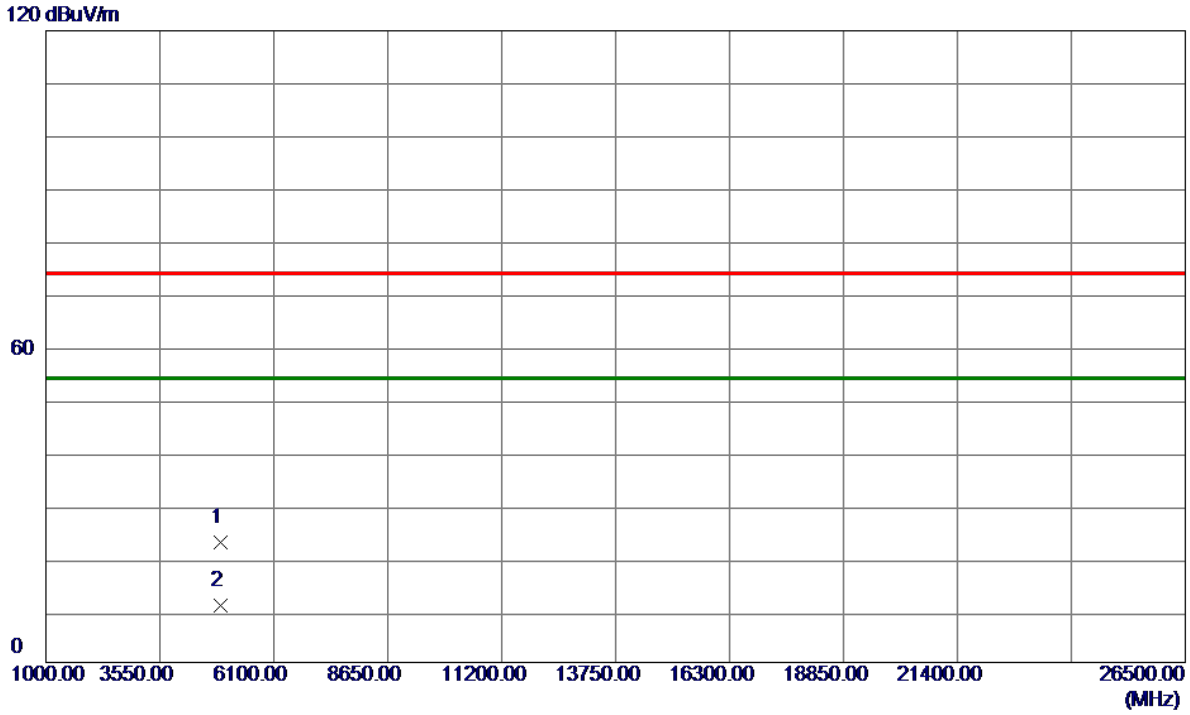
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	30.78	-8.44	22.34	74.00	-51.66	Peak	
2 *	4874.0000	19.24	-8.44	10.80	54.00	-43.20	AVG	

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

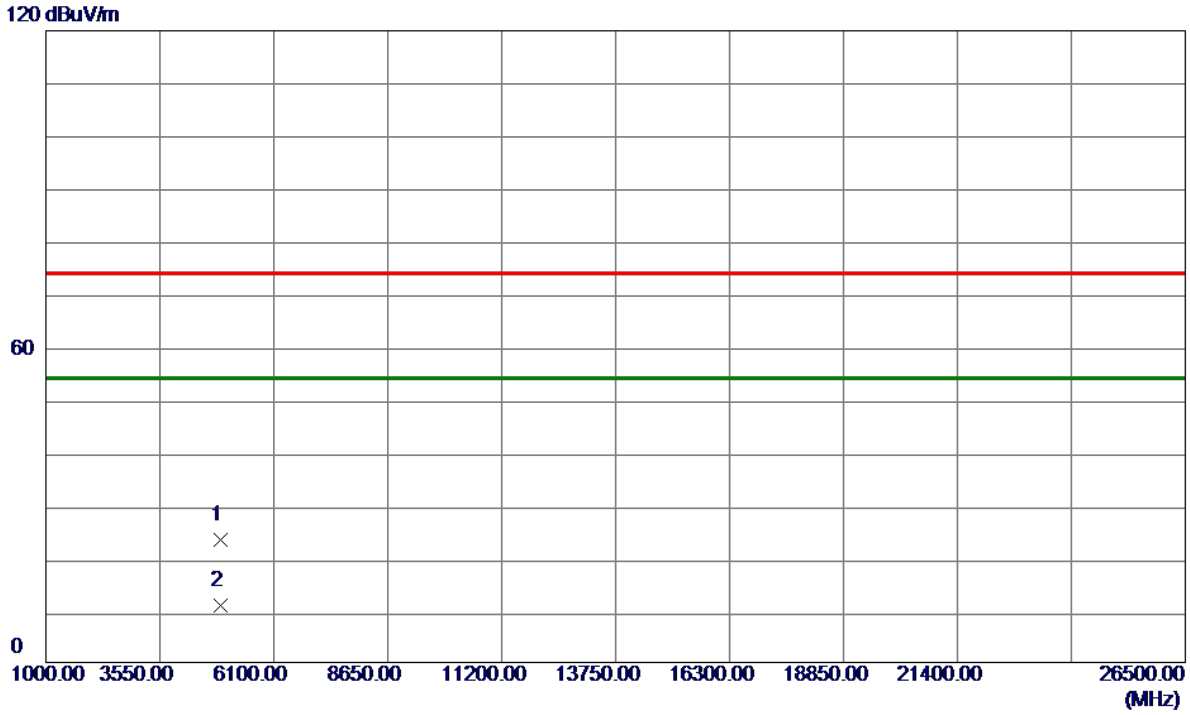
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	31.16	-8.32	22.84	74.00	-51.16	Peak	
2 *	4924.0000	19.07	-8.32	10.75	54.00	-43.25	AVG	

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

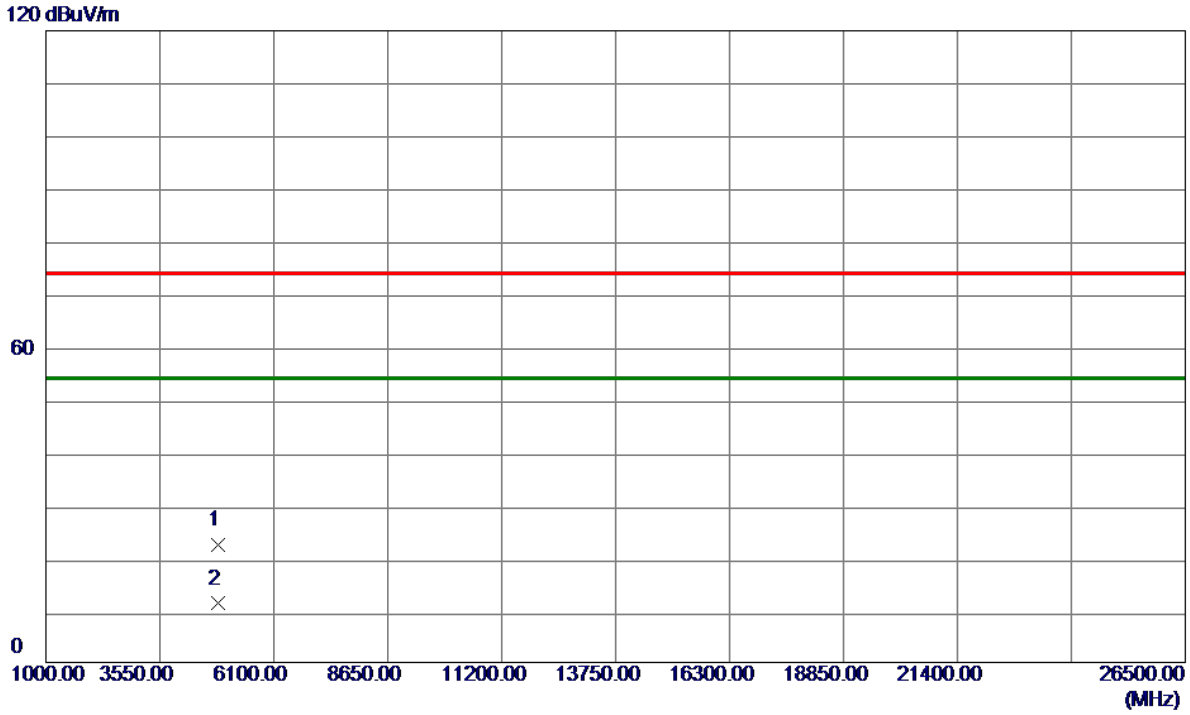
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/6/12
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	31.59	-8.32	23.27	74.00	-50.73	Peak	
2 *	4924.0000	19.08	-8.32	10.76	54.00	-43.24	AVG	

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

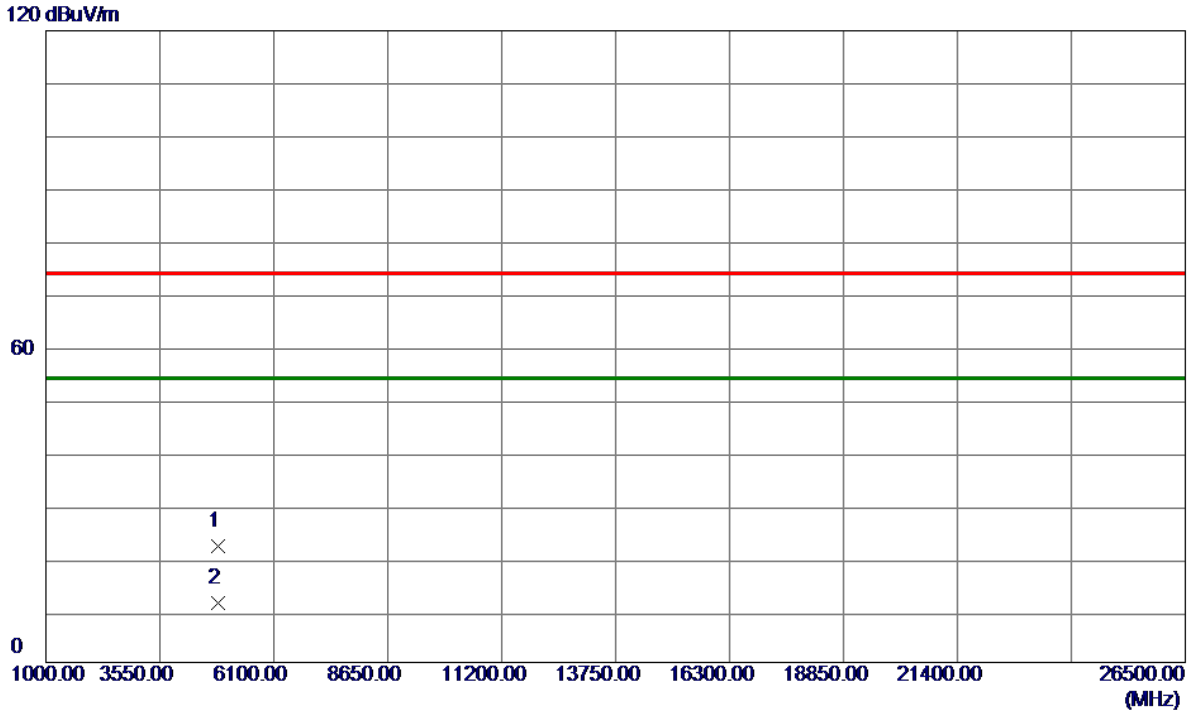
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/6/12
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	30.93	-8.52	22.41	74.00	-51.59	Peak	
2 *	4844.0000	19.68	-8.52	11.16	54.00	-42.84	AVG	

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

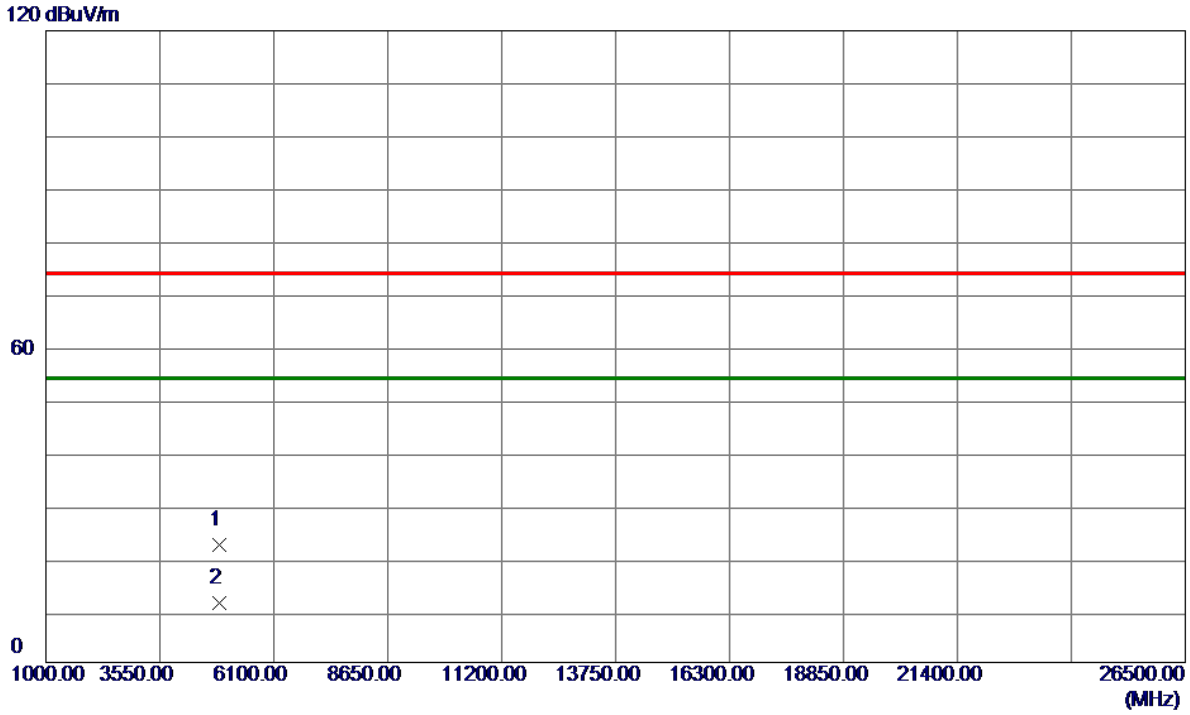
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/6/12
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	30.62	-8.52	22.10	74.00	-51.90	Peak	
2 *	4844.0000	19.78	-8.52	11.26	54.00	-42.74	AVG	

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

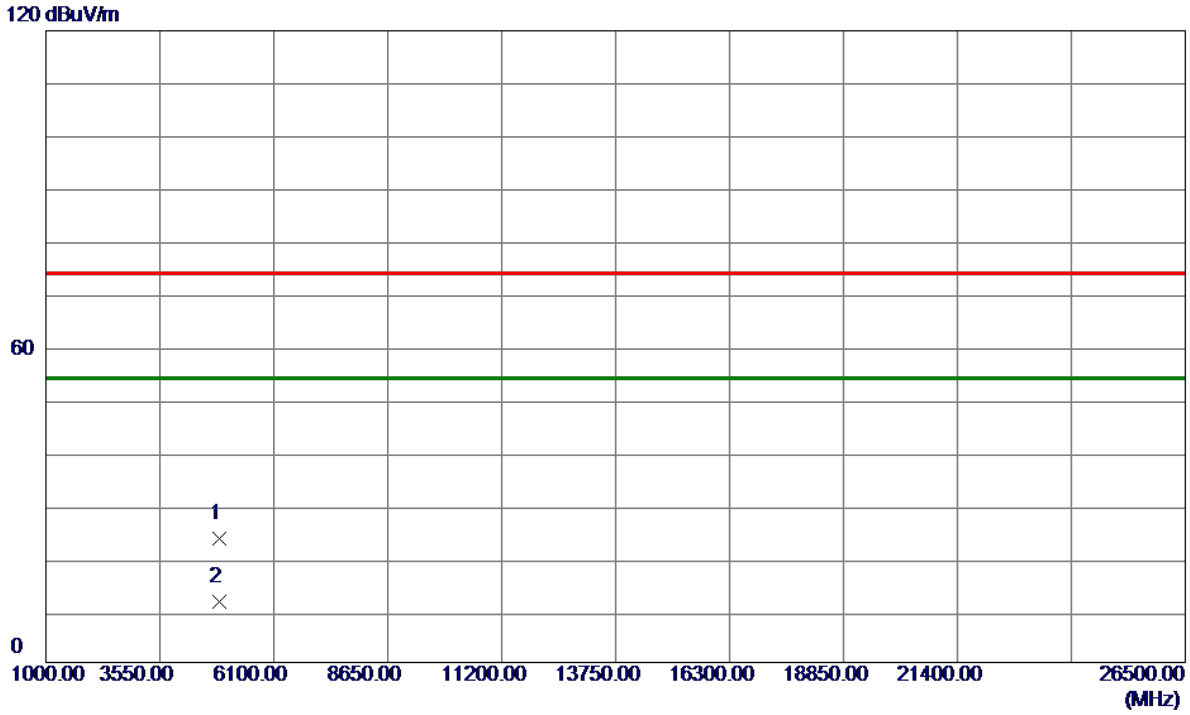
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	30.87	-8.44	22.43	74.00	-51.57	Peak	
2 *	4874.0000	19.83	-8.44	11.39	54.00	-42.61	AVG	

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

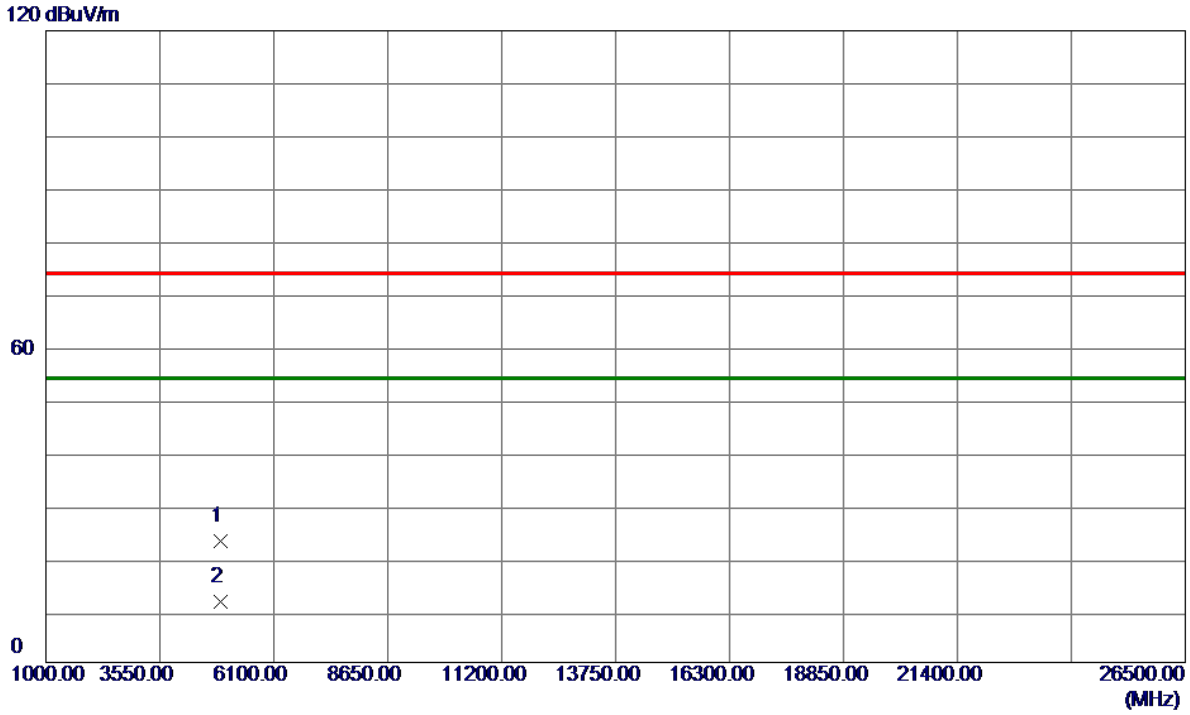
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/6/12
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	31.97	-8.44	23.53	74.00	-50.47	Peak	
2 *	4874.0000	19.91	-8.44	11.47	54.00	-42.53	AVG	

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

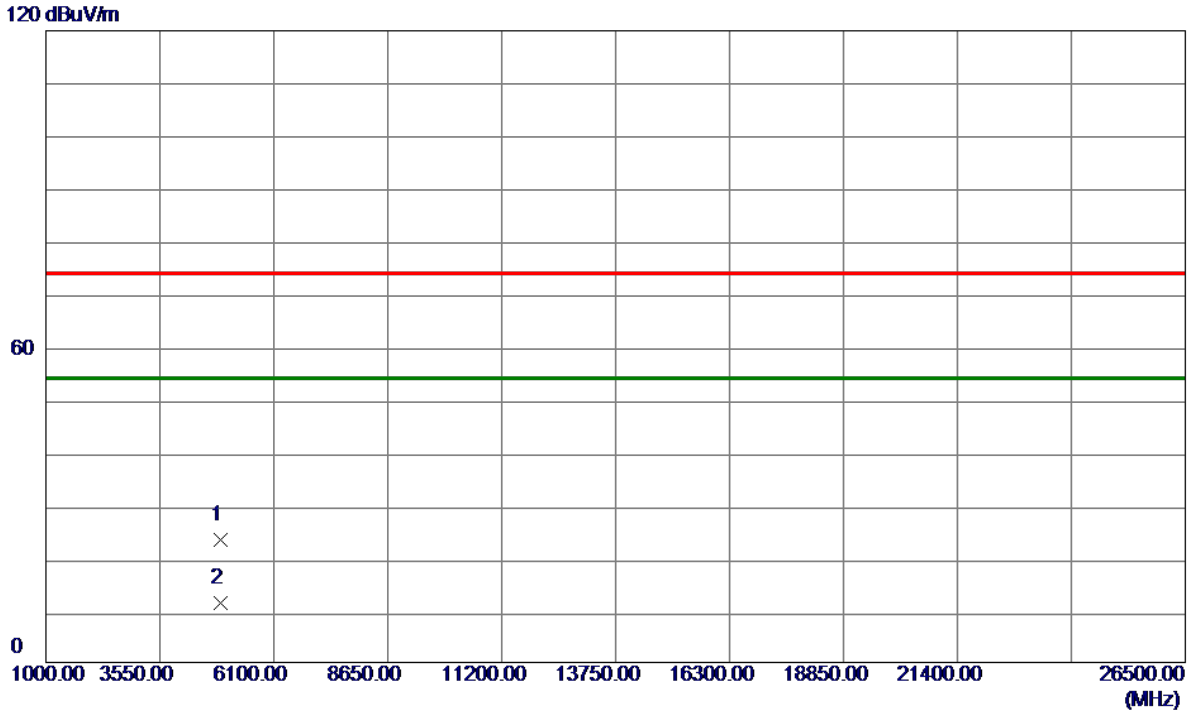
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/6/12
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	31.30	-8.37	22.93	74.00	-51.07	Peak	
2 *	4904.0000	19.83	-8.37	11.46	54.00	-42.54	AVG	

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/6/12
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	31.71	-8.37	23.34	74.00	-50.66	Peak	
2 *	4904.0000	19.76	-8.37	11.39	54.00	-42.61	AVG	

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

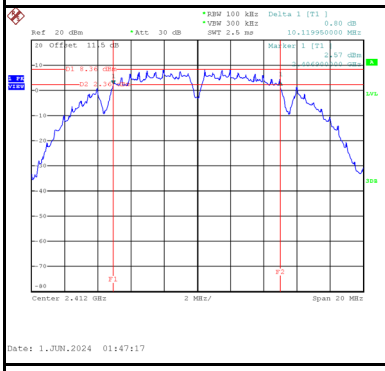
APPENDIX E BANDWIDTH

Test Mode	IEEE 802.11b

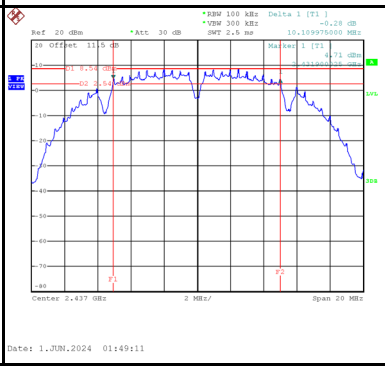
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.120	14.080	≥ 500	Pass
2437	10.110	14.080	≥ 500	Pass
2462	10.140	14.080	≥ 500	Pass

6dB Bandwidth

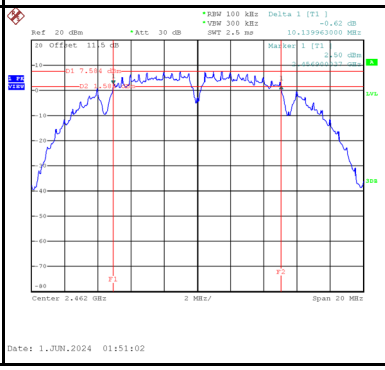
2412 MHz



2437 MHz

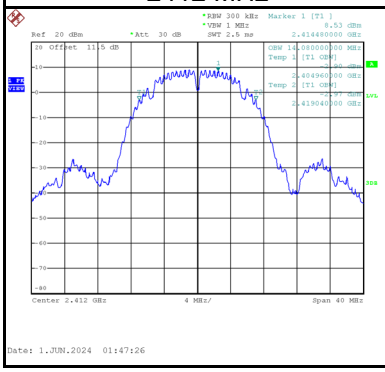


2462 MHz

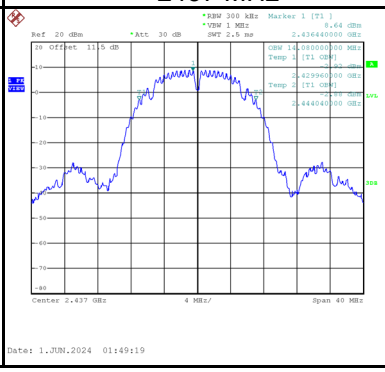


99% Occupied BW

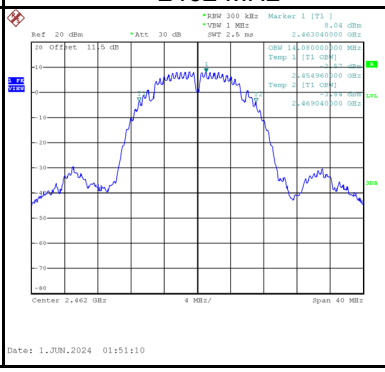
2412 MHz



2437 MHz



2462 MHz

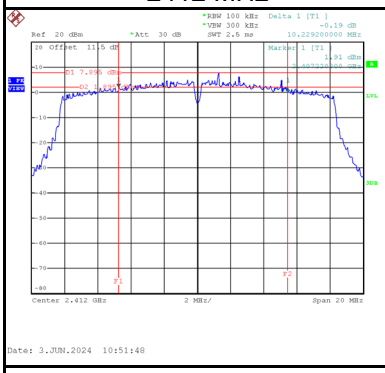


Test Mode	IEEE 802.11g

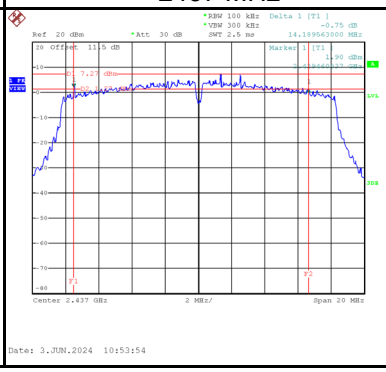
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.229	16.160	≥ 500	Pass
2437	14.190	16.240	≥ 500	Pass
2462	15.720	16.240	≥ 500	Pass

6dB Bandwidth

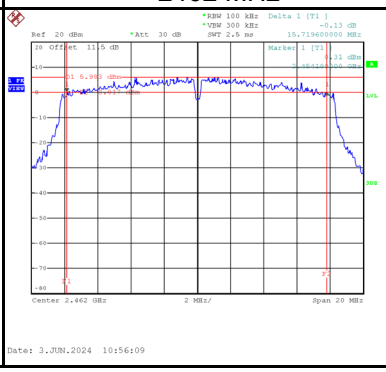
2412 MHz



2437 MHz

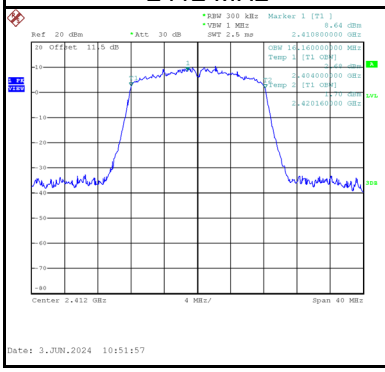


2462 MHz

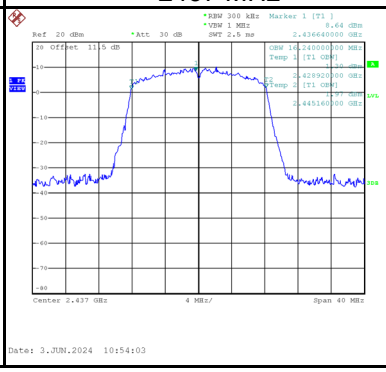


99% Occupied BW

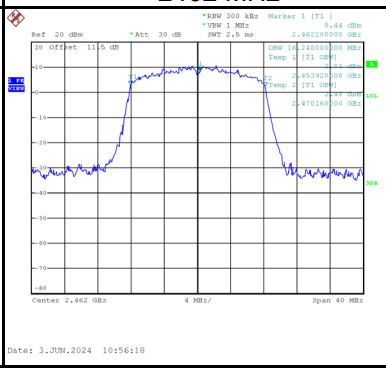
2412 MHz



2437 MHz



2462 MHz

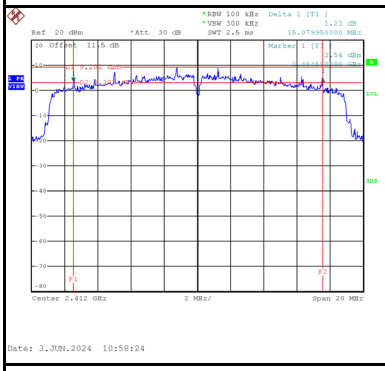


Test Mode	IEEE 802.11n (HT20)

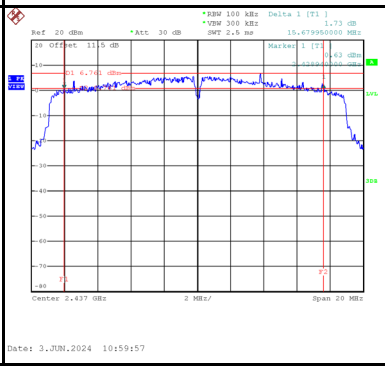
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.080	17.440	≥ 500	Pass
2437	15.680	17.360	≥ 500	Pass
2462	15.020	17.360	≥ 500	Pass

6dB Bandwidth

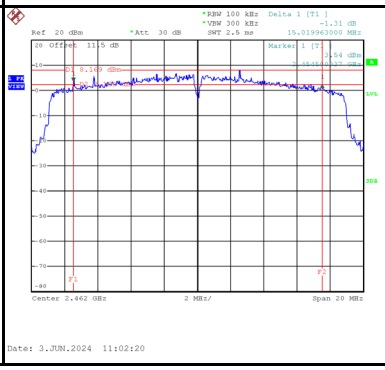
2412 MHz



2437 MHz

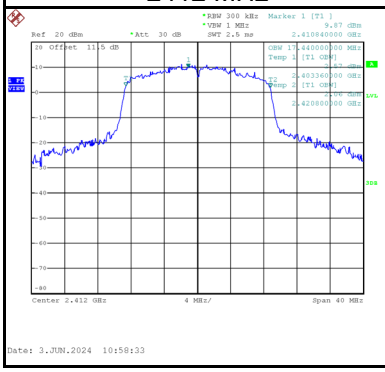


2462 MHz

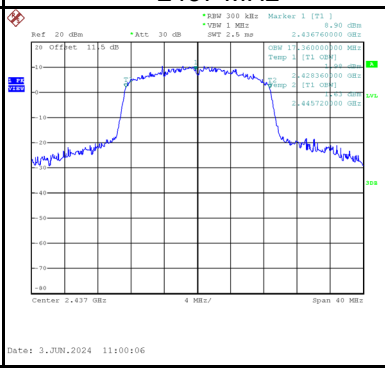


99% Occupied BW

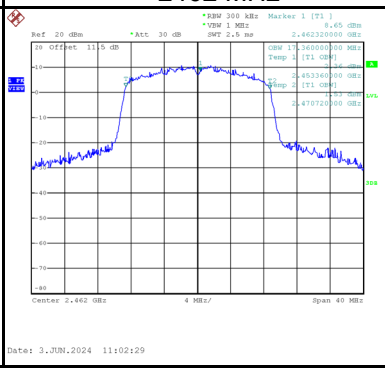
2412 MHz



2437 MHz

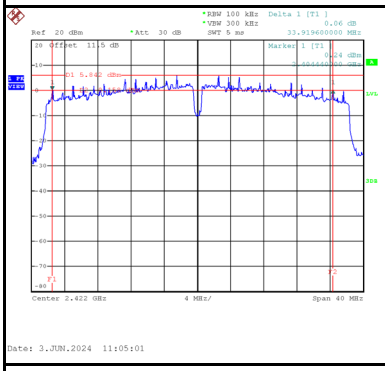
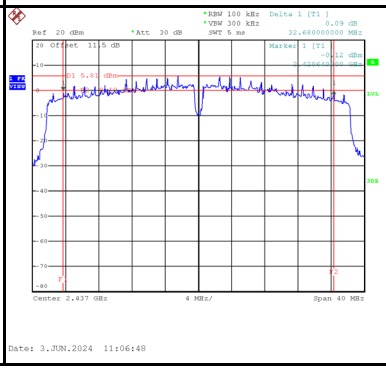
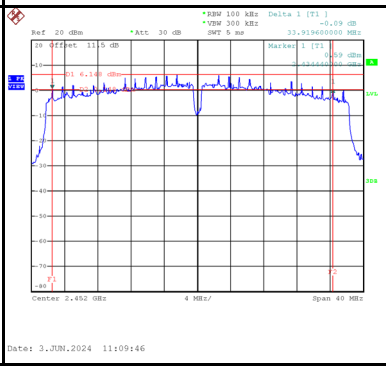
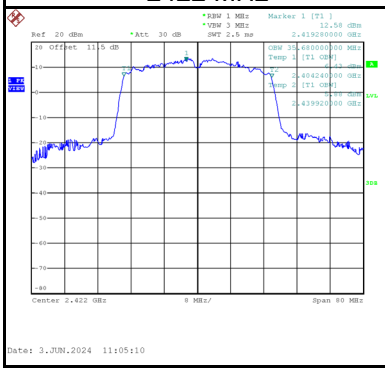
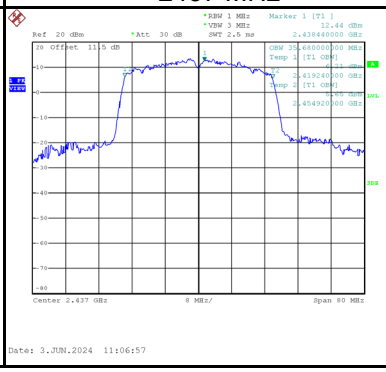
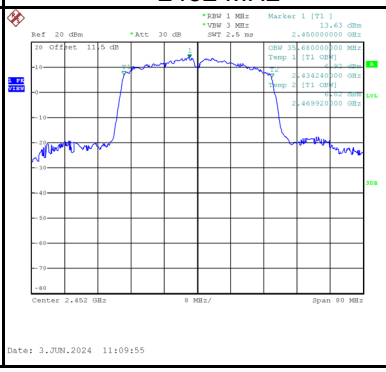


2462 MHz



Test Mode	IEEE 802.11n (HT40)

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	33.920	35.680	≥ 500	Pass
2437	32.680	35.680	≥ 500	Pass
2452	33.920	35.680	≥ 500	Pass

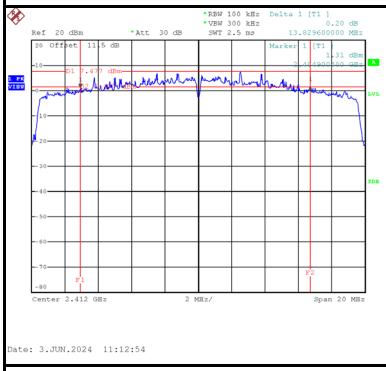
6dB Bandwidth		
2422 MHz	2437 MHz	2452 MHz
		
99% Occupied BW		
2422 MHz	2437 MHz	2452 MHz
		

Test Mode	IEEE 802.11ax (HE20)

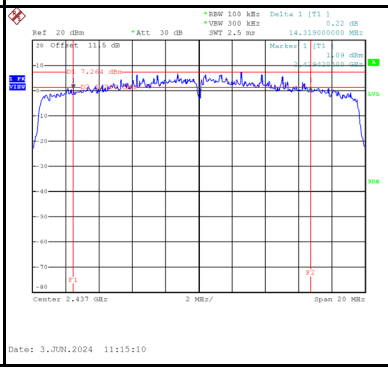
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	13.830	18.640	≥ 500	Pass
2437	14.319	18.640	≥ 500	Pass
2462	13.820	18.640	≥ 500	Pass

6dB Bandwidth

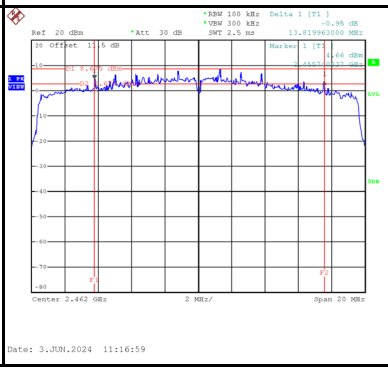
2412 MHz



2437 MHz

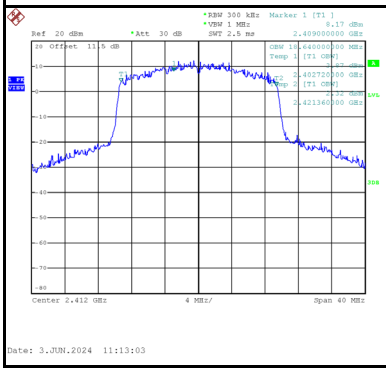


2462 MHz

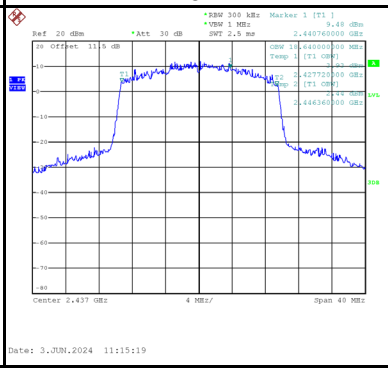


99% Occupied BW

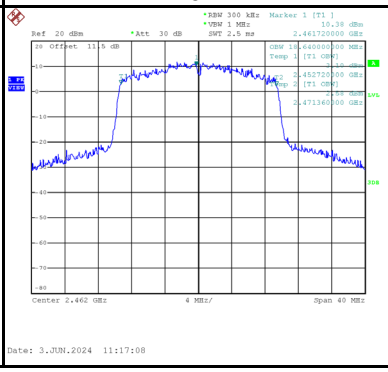
2412 MHz



2437 MHz



2462 MHz

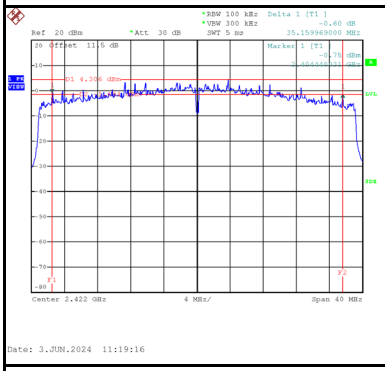


Test Mode	IEEE 802.11ax (HE40)

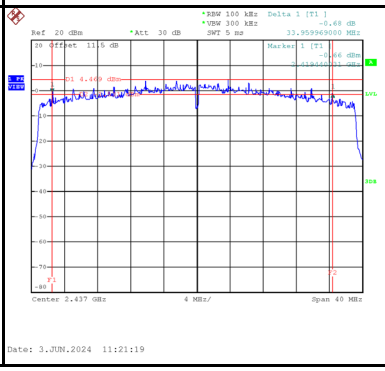
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	35.160	37.280	≥ 500	Pass
2437	33.960	37.280	≥ 500	Pass
2452	35.040	37.280	≥ 500	Pass

6dB Bandwidth

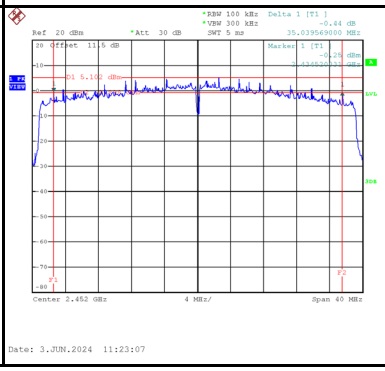
2422 MHz



2437 MHz

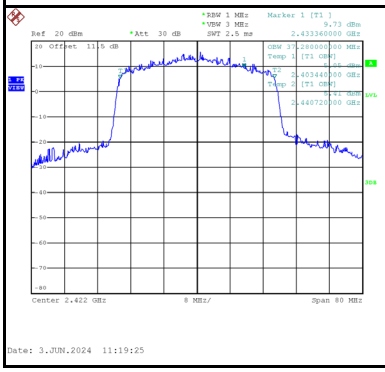


2452 MHz

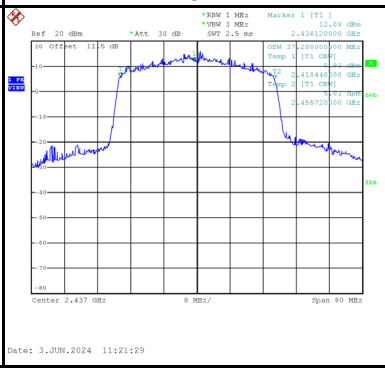


99% Occupied BW

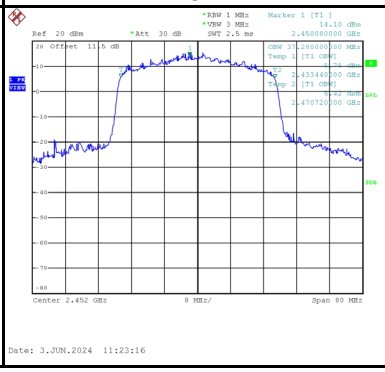
2422 MHz



2437 MHz



2452 MHz



APPENDIX F OUTPUT POWER

Test Mode	IEEE 802.11b	Tested Date	2024/5/30

Frequency (MHz)	Conducted Power (dBm)	Duty Factor	Conducted Power + Duty Factor (dBm)	Limit (dBm)	Limit (W)	Test Result
2412	19.75	1.16	20.91	30.00	1.0000	Pass
2437	19.85	1.16	21.01	30.00	1.0000	Pass
2462	20.13	1.16	21.29	30.00	1.0000	Pass

Test Mode	IEEE 802.11g	Tested Date	2024/5/30

Frequency (MHz)	Conducted Power (dBm)	Duty Factor	Conducted Power + Duty Factor (dBm)	Limit (dBm)	Limit (W)	Test Result
2412	19.73	0.10	19.83	30.00	1.0000	Pass
2437	19.72	0.10	19.82	30.00	1.0000	Pass
2462	19.60	0.10	19.70	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)	Tested Date	2024/5/30

Frequency (MHz)	Conducted Power (dBm)	Duty Factor	Conducted Power + Duty Factor (dBm)	Limit (dBm)	Limit (W)	Test Result
2412	20.21	0.10	20.31	30.00	1.0000	Pass
2437	20.19	0.10	20.29	30.00	1.0000	Pass
2462	19.78	0.10	19.88	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)	Tested Date	2024/5/30

Frequency (MHz)	Conducted Power (dBm)	Duty Factor	Conducted Power + Duty Factor (dBm)	Limit (dBm)	Limit (W)	Test Result
2422	19.71	0.69	20.40	30.00	1.0000	Pass
2437	19.67	0.69	20.36	30.00	1.0000	Pass
2452	19.75	0.69	20.44	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE20)	Tested Date	2024/5/30

Frequency (MHz)	Conducted Power (dBm)	Duty Factor	Conducted Power + Duty Factor (dBm)	Limit (dBm)	Limit (W)	Test Result
2412	19.65	0.12	19.77	30.00	1.0000	Pass
2437	19.66	0.12	19.78	30.00	1.0000	Pass
2462	19.86	0.12	19.98	30.00	1.0000	Pass

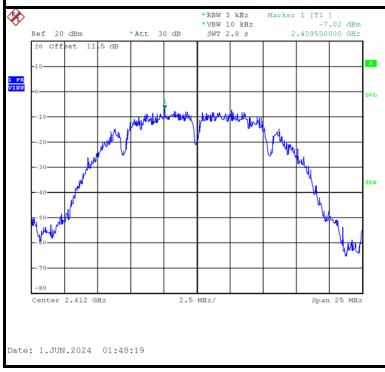
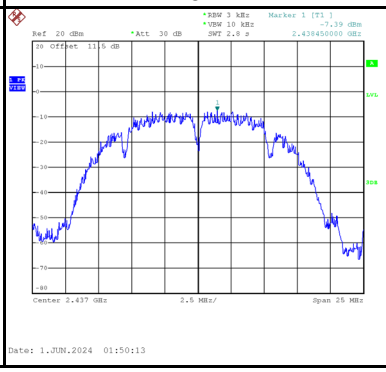
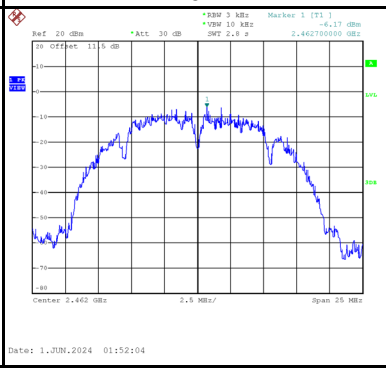
Test Mode	IEEE 802.11ax (HE40)	Tested Date	2024/5/30

Frequency (MHz)	Conducted Power (dBm)	Duty Factor	Conducted Power + Duty Factor (dBm)	Limit (dBm)	Limit (W)	Test Result
2422	19.73	0.22	19.95	30.00	1.0000	Pass
2437	19.74	0.22	19.96	30.00	1.0000	Pass
2452	20.12	0.22	20.34	30.00	1.0000	Pass

APPENDIX G POWER SPECTRAL DENSITY

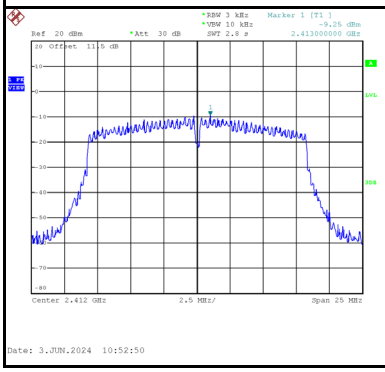
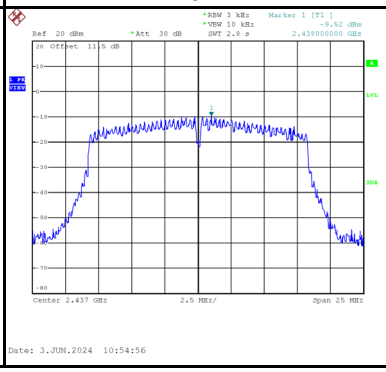
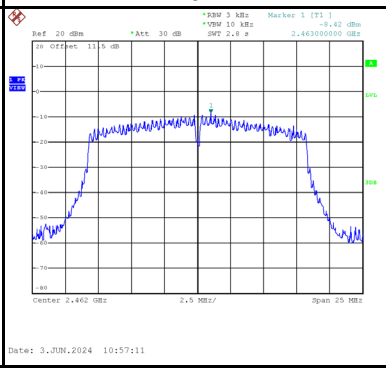
Test Mode	IEEE 802.11b

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-7.02	8.00	Pass
2437	-7.39	8.00	Pass
2462	-6.17	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		

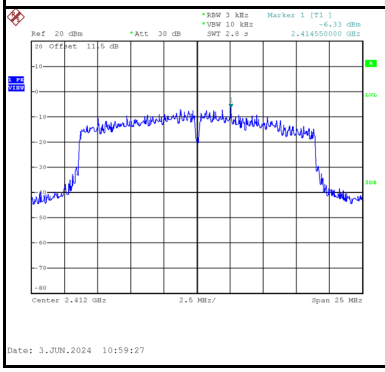
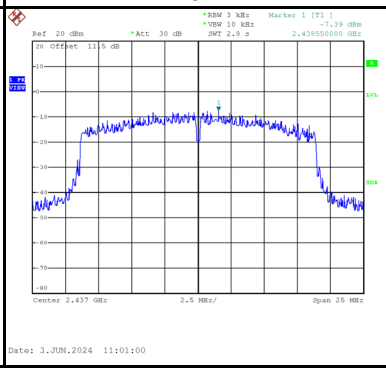
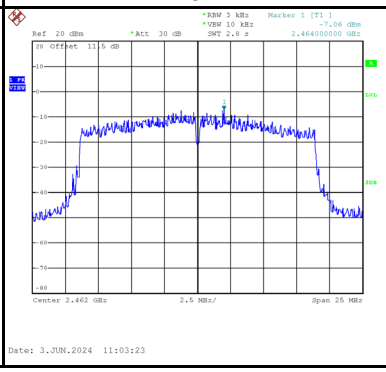
Test Mode	IEEE 802.11g

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-9.25	8.00	Pass
2437	-9.52	8.00	Pass
2462	-8.42	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		

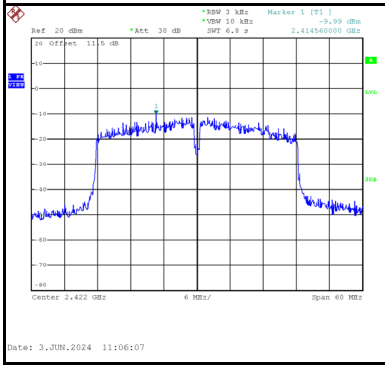
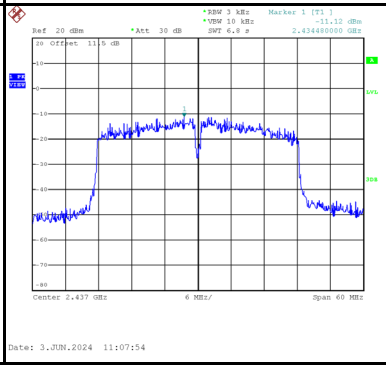
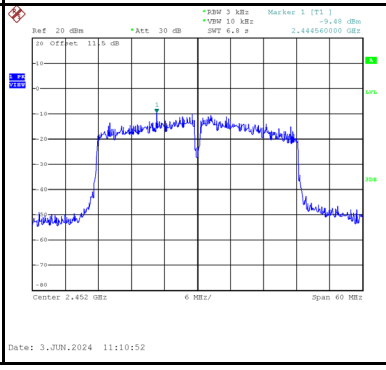
Test Mode	IEEE 802.11n (HT20)

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-6.33	8.00	Pass
2437	-7.39	8.00	Pass
2462	-7.06	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		

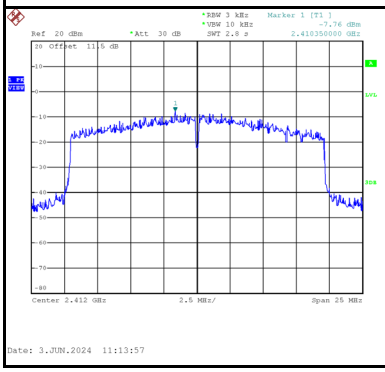
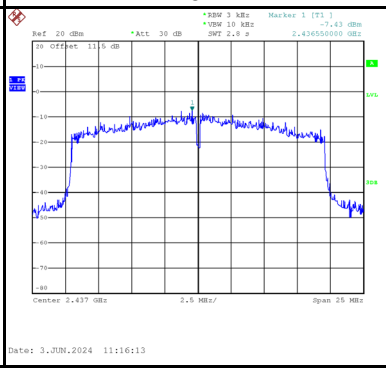
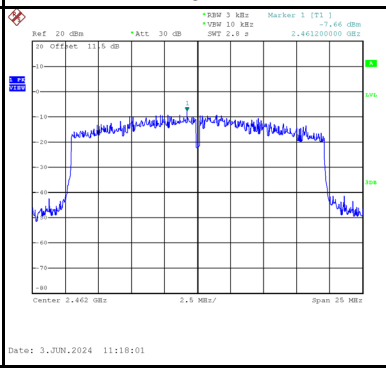
Test Mode	IEEE 802.11n (HT40)

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-9.99	8.00	Pass
2437	-11.12	8.00	Pass
2452	-9.48	8.00	Pass

2422 MHz	2437 MHz	2452 MHz
		

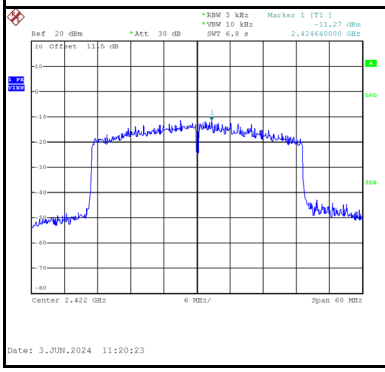
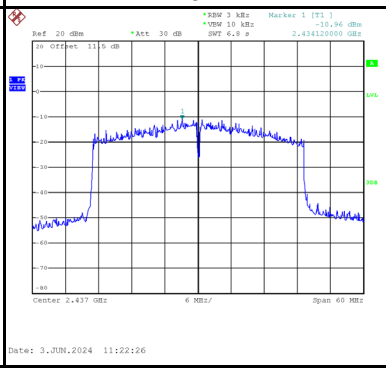
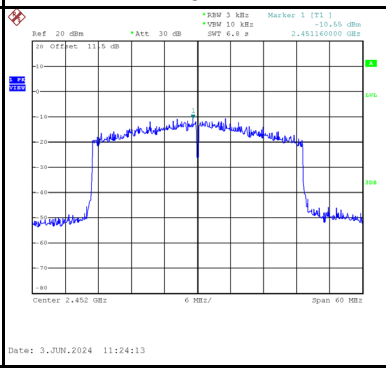
Test Mode	IEEE 802.11ax (HE20)

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-7.76	8.00	Pass
2437	-7.43	8.00	Pass
2462	-7.66	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		

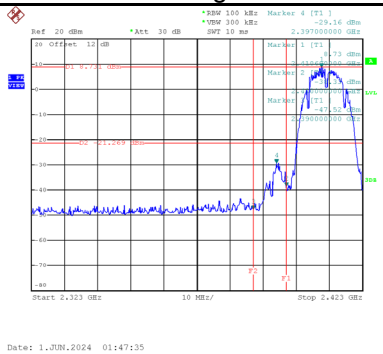
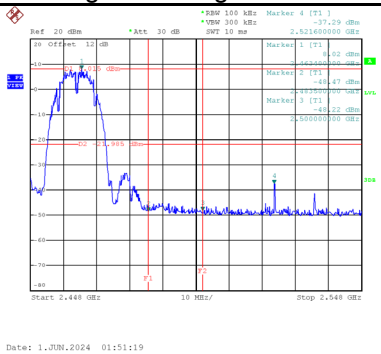
Test Mode	IEEE 802.11ax (HE40)

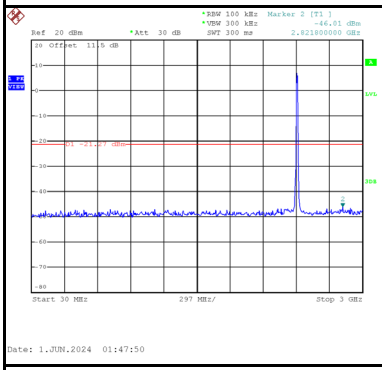
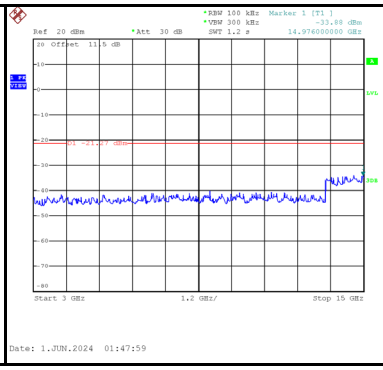
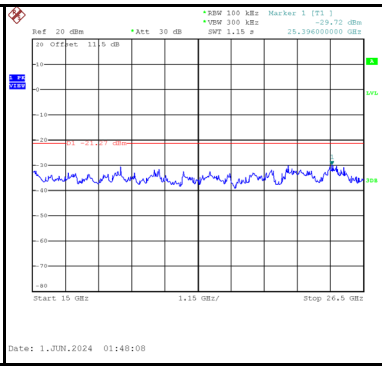
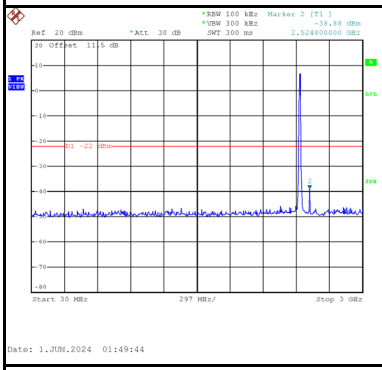
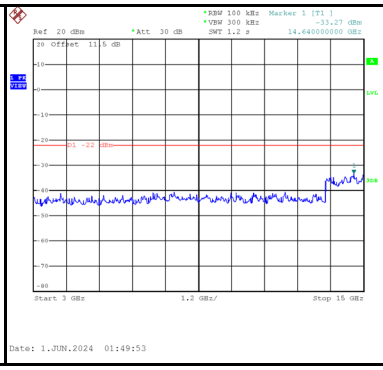
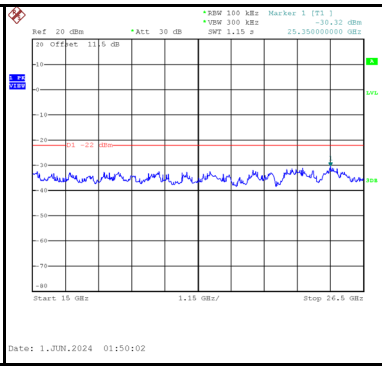
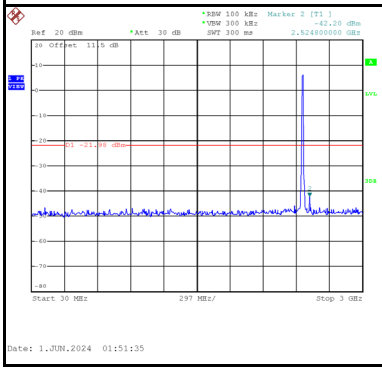
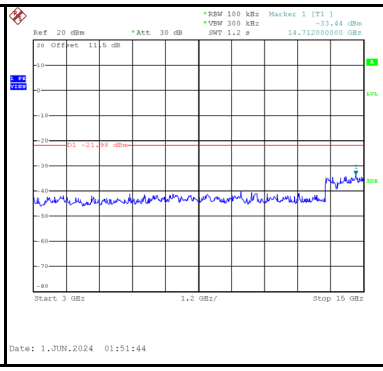
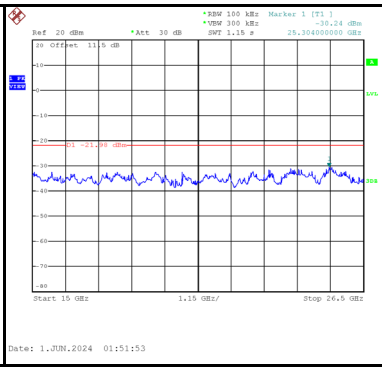
Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-11.27	8.00	Pass
2437	-10.96	8.00	Pass
2452	-10.55	8.00	Pass

2422 MHz	2437 MHz	2452 MHz
		

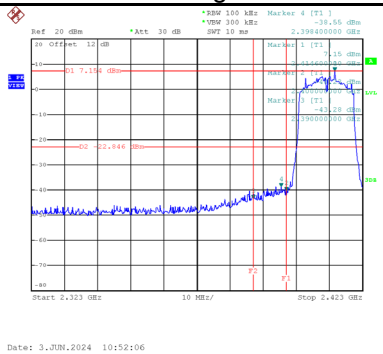
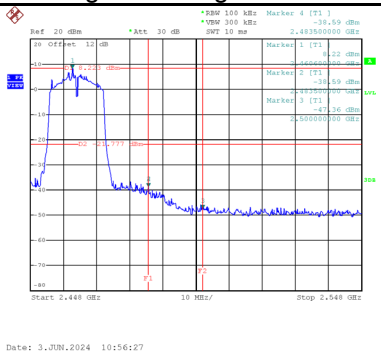
APPENDIX H ANTENNA CONDUCTED SPURIOUS EMISSIONS

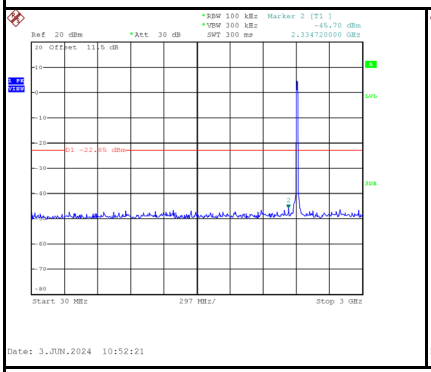
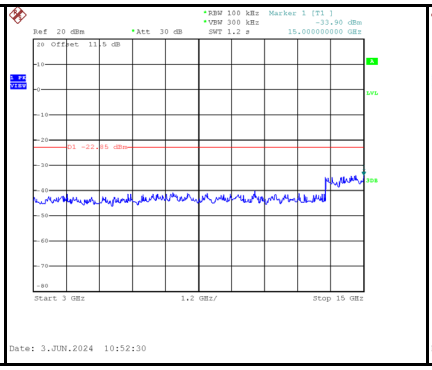
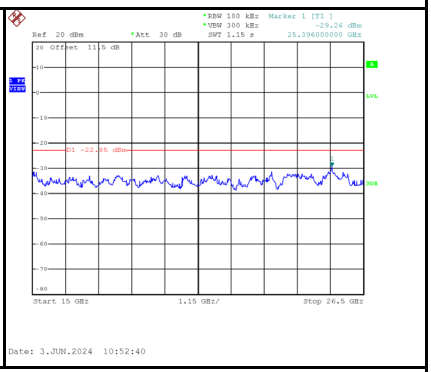
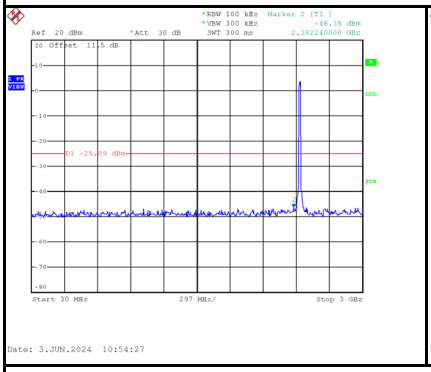
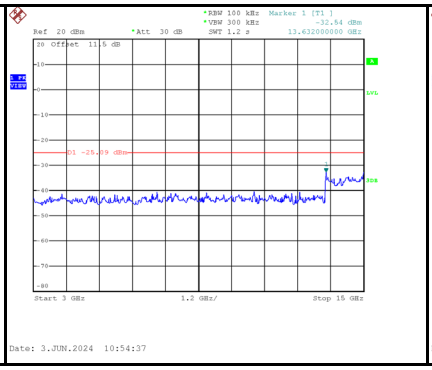
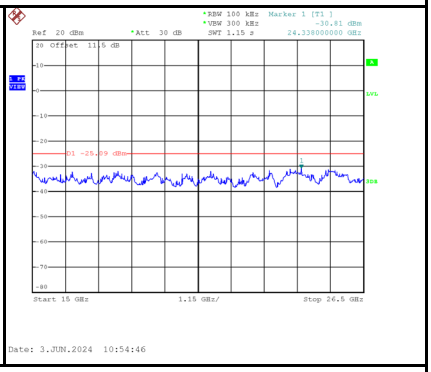
Test Mode	IEEE 802.11b

Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

2412 MHz-10th Harmonics		
		
2437 MHz-10th Harmonics		
		
2462 MHz-10th Harmonics		
		

Test Mode	IEEE 802.11g

Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

2412 MHz-10th Harmonics		
		
2437 MHz-10th Harmonics		
		
2462 MHz-10th Harmonics