FCC Radio Test Report

FCC ID: BEJNT-11TC50Q

Report No.	:	BTL-FCCP-3-2212T065
Equipment	:	Notebook Computer
Model Name	:	11TC50Q
Brand Name	:	LG
Applicant	:	LG Electronics USA
Address	:	111 Sylvan Avenue, North Building, Englewood Cliffs, New Jersey 07632, United States
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	:	2022/12/15
Date of Test	:	2022/12/15 ~ 2023/1/18
Issued Date	:	2023/2/3

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

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Declaration

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

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

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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-3-2212T065	R00	Original Report.	2023/2/3	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	Pass	------
15.247(a)	Bandwidth	APPENDIX D	Pass	------
15.247(b)	Output Power	APPENDIX E	Pass	------
15.247(e)	Power Spectral Density	APPENDIX F	Pass	------
15.247(d)	Antenna conducted Spurious Emission	APPENDIX G	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. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☒ C05 ☐ CB08 ☐ CB11 ☐ SR10 ☒ SR11

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☐ C06 ☒ CB21 ☐ CB22

1.2 MEASUREMENT UNCERTAINTY

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

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C05	CISPR	150 kHz ~ 30MHz	3.44

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	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

Test Item	U (dB)
Occupied Bandwidth	0.5334
Output power	0.3669
Power Spectral Density	0.6591
Conducted Spurious emissions	0.5416
Conducted Band edges	0.5348

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	21 °C, 65 %	AC 120V	Jay Tien
Radiated emissions below 1 GHz	Refer to data	AC 120V	Mark Wang
Radiated emissions above 1 GHz	Refer to data	AC 120V	Mark Wang
Bandwidth	23.7 °C, 52 %	AC 120V	Paul Shen
Output Power	23.7 °C, 52 %	AC 120V	Paul Shen
Power Spectral Density	23.7 °C, 52 %	AC 120V	Paul Shen
Antenna conducted Spurious Emission	23.7 °C, 52 %	AC 120V	Paul Shen

1.4 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

Antenna	SISO_Main					
Test Software	DRTU_00234_22_100.0					
Mode	2412 MHz	2437 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	16.25	16.25	16.25	16.5	16.25	1 Mbps
IEEE 802.11g	16.25	16.5	16.5	16.5	16	6 Mbps

Antenna	SISO_Aux					
Test Software	DRTU V11.1941.0-10270					
Mode	2412 MHz	2437 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	16	16.25	16	16	16	1 Mbps
IEEE 802.11g	16.25	16.5	16.25	16.25	16	6 Mbps

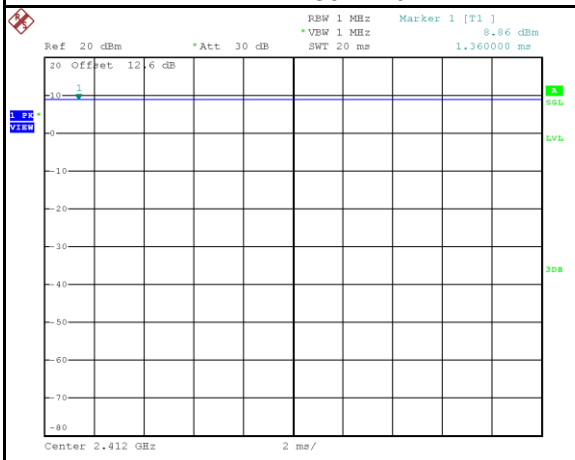
Antenna	MIMO_Main+ Aux					
Test Software	DRTU V11.1941.0-10270					
Mode	2412 MHz	2437 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11n (HT20)	13.5	13.75	13.5	13.75	13.5	HT 0
IEEE 802.11ax (HE20)	13.75	13.75	13.75	13.75	13.75	MCS 0
Mode	2422 MHz	2437 MHz	2452 MHz	2457 MHz	2462 MHz	Data Rate
IEEE 802.11n (HT40)	13.5	13.5	13.5	13.5	13.5	HT 0
IEEE 802.11ax (HE40)	13.75	13.75	13.75	13.75	13.5	MCS 0

1.5 DUTY CYCLE

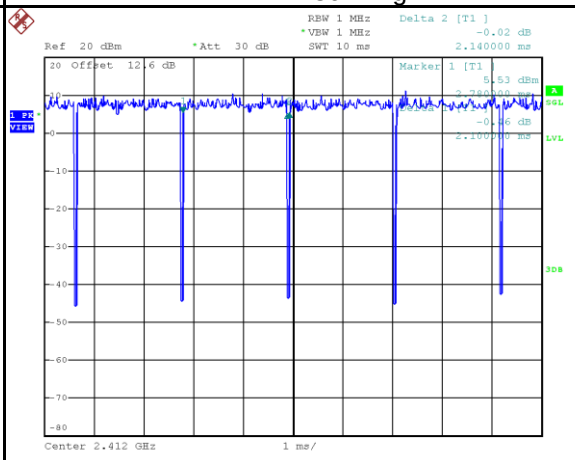
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11g	2.100	1	2.100	2.140	98.13%	0.08
IEEE 802.11n (HT20)	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11n (HT40)	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11ax (HE20)	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11ax (HE40)	3.920	1	3.920	4.020	97.51%	0.11

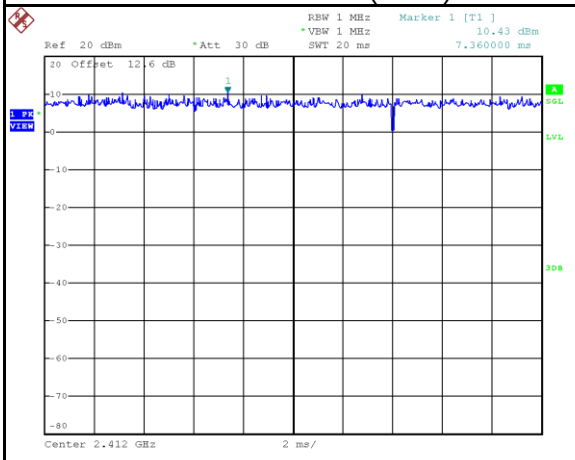
IEEE 802.11b



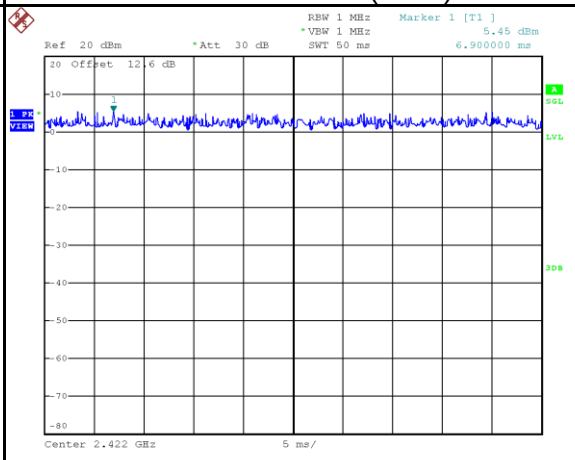
IEEE 802.11g

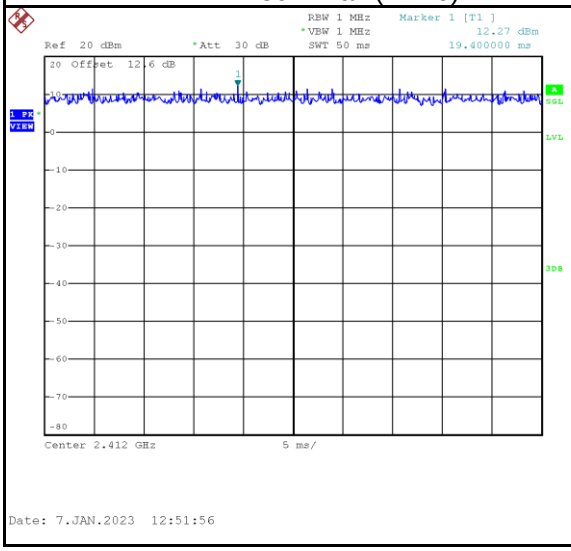
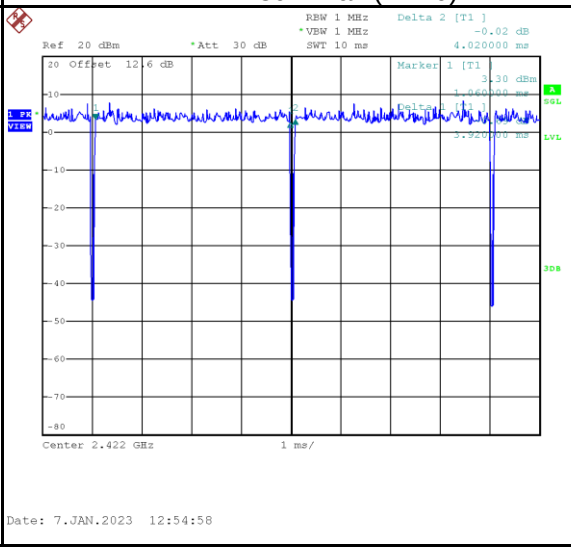


IEEE 802.11n (HT20)



IEEE 802.11n (HT40)



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

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Notebook Computer
Model Name	11TC50Q
Brand Name	LG
Model Difference	N/A
Power Source	DC voltage supplied from AC/DC Adapter.
Power Rating	20.0V⎓2.25A
Power Adapter Power Rating	I/P: 100-240V~1.3A 50-60Hz O/P:5.0V⎓3.0A,9.0V⎓3.0A,12.0V⎓3.0A,15.0V⎓3.0A,20.0V⎓2.25A
Power Adapter	Lite-On / PA-1450-50XX(The ”X” Can be 0-9, A-Z or blank)
Battery	(1) CosMX / QTA-CB1 (2) Simplo / SQU-2101
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2472 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 866.7 Mbps
Output Power Max. -Main Antenna	IEEE 802.11b: 19.07 dBm (0.0807 W) IEEE 802.11g: 24.75 dBm (0.2985 W)
Output Power Max. -Aux Antenna	IEEE 802.11b: 19.14 dBm (0.0820 W) IEEE 802.11g: 24.84 dBm (0.3048 W)
Output Power Max. -Main + Aux (MIMO Mode)	IEEE 802.11n (HT20): 25.77 dBm (0.3772 W) IEEE 802.11n (HT40): 26.08 dBm (0.4052 W) IEEE 802.11ax (HE20): 25.73 dBm (0.3738 W) IEEE 802.11ax (HE40): 25.80 dBm (0.3798 W)
Test Model	11TC50Q
Sample Status	Engineering Sample
EUT Modification(s)	N/A

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

(2) Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	06	2437	11	2462
02	2417	07	2442	12	2467
03	2422	08	2447	13	2472
04	2427	09	2452		
05	2432	10	2457		

(3) Table for Filed Antenna:

Ant.	Brand	Part number	Type	Frequency Range (MHz)	Gain (dBi)
Main	WNC	DQ6615GA100	PIFA	2400-2500	1.06
				5150-5350	1.78
				5470-5725	2.32
				5725-5850	3.25
Aux	WNC	DQ6615GA100	PIFA	2400-2500	3.03
				5150-5350	1.26
				5470-5725	0.82
				5725-5850	0.05

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

(5) Operating Mode and Antenna Configuration

Operating Mode / TX Mode	2TX
IEEE 802.11b	V (Main or Aux)
IEEE 802.11g	V (Main or Aux)
IEEE 802.11n (HT20)	V (Main+ Aux)
IEEE 802.11n (HT40)	V (Main+ Aux)
IEEE 802.11ax (HE20)	V (Main+ Aux)
IEEE 802.11ax (HE40)	V (Main+ Aux)

2.2 TEST MODES

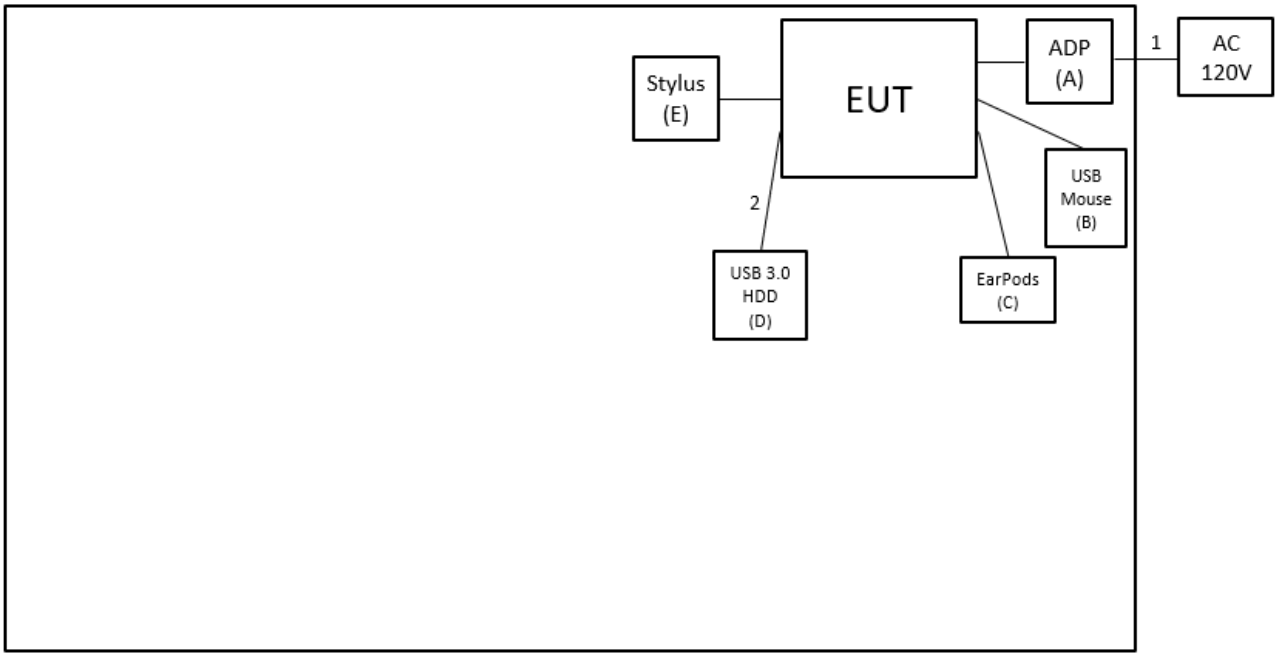
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11b	12	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11/12/13	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11n (HT40)	03/09/10/11	
	TX Mode_IEEE 802.11ax (HE40)		
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/06/11/12/13	Harmonic
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11n (HT40)	03/06/09/10/11	
	TX Mode_IEEE 802.11ax (HE40)		
Bandwidth & Output Power & Power Spectral Density & Antenna conducted Spurious Emission	TX Mode_IEEE 802.11b	01/06/11/12/13	-
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11n (HT40)	03/06/09/10/11	
	TX Mode_IEEE 802.11ax (HE40)		

NOTE:
(1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.
(2) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.
(3) For IEEE 802.11ax modes, refer to TCB Workshop presentations on October 3, 2018, after evaluated, all testing are performed under fully loaded conditions (Full RU). In the test data, only the partially loaded conditions data are marked with tones.

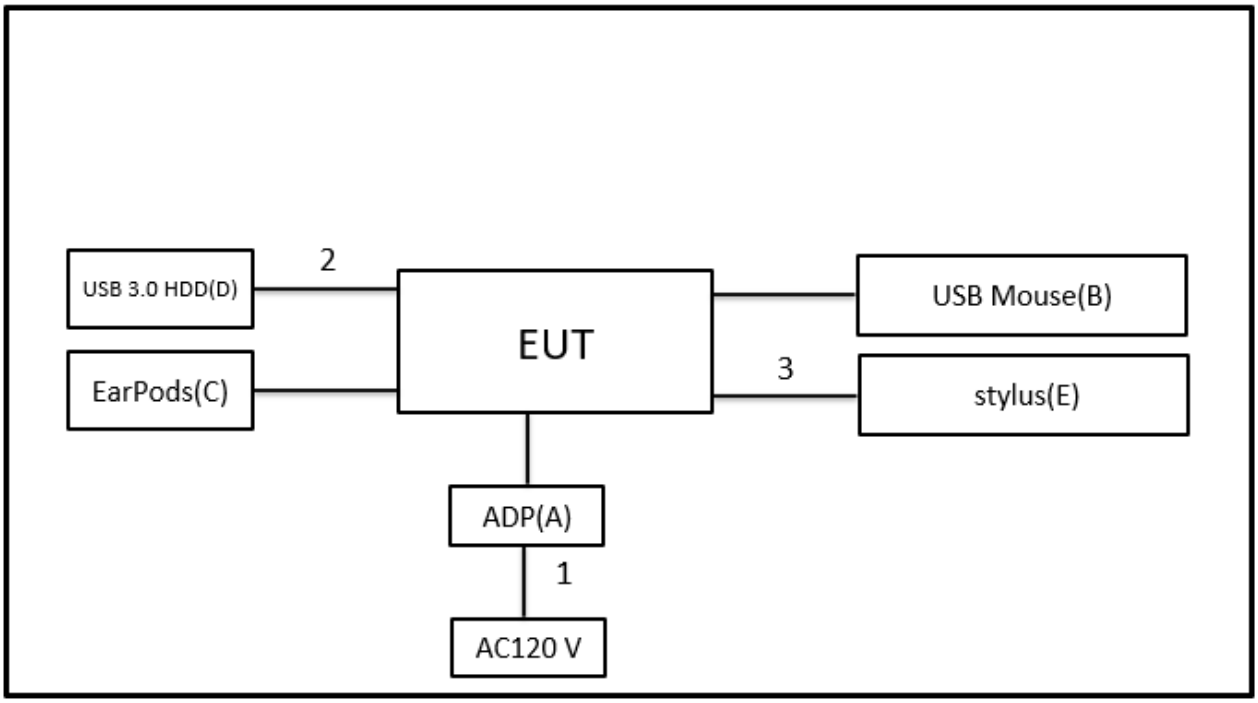
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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	ADP	LITEON	PA-1450-50	LECAG20022B252133405HS	Supplied by test requester
B	USB Mouse	DELL	MOCZUL	CN-049TWY-PRC00-79E-01HA	Furnished by test lab.
C	EarPods	Apple	A1472	N/A	Furnished by test lab.
D	USB 3.0 HDD	WD	WDBC3C0010BSL-0B	WX81A88ALJUC	Furnished by test lab.
E	Stylus	N/A	CNY 21F1 PV	N/A	Supplied by test requester

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	No	No	1.5m	Power Cable	Supplied by test requester
2	No	No	0.18m	Type C to Type C Cable	Furnished by test lab.
3	No	No	0.18m	USB-C to USB-A cable	Supplied by test requester

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		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
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

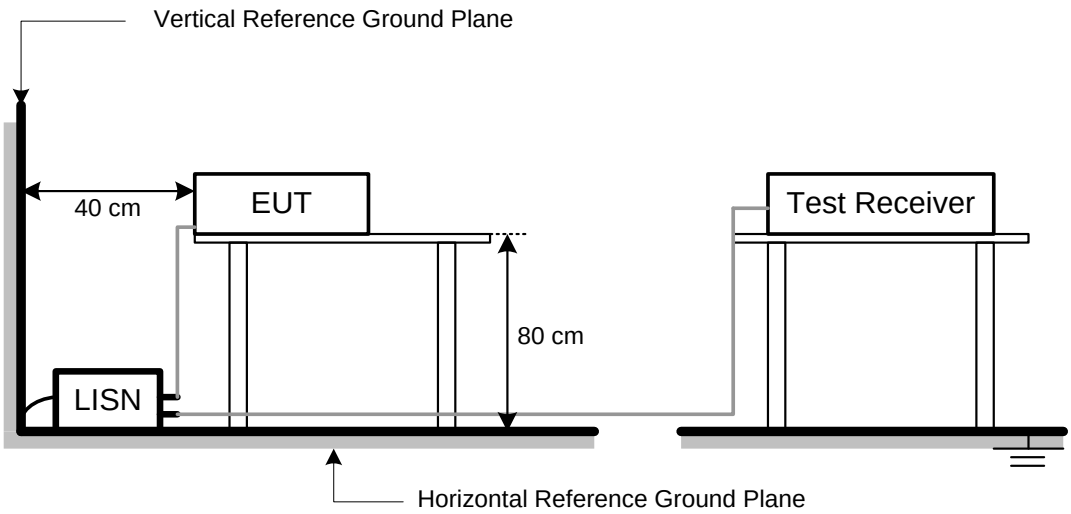
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
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		Correct Factor		Measurement Value
19.11	+	2.11	=	21.22

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

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

Mode	VBW(Hz)
IEEE 802.11b	300
IEEE 802.11g	510
IEEE 802.11n (HT20)	300
IEEE 802.11n (HT40)	300
IEEE 802.11ax (HE20)	300
IEEE 802.11ax (HE40)	300

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

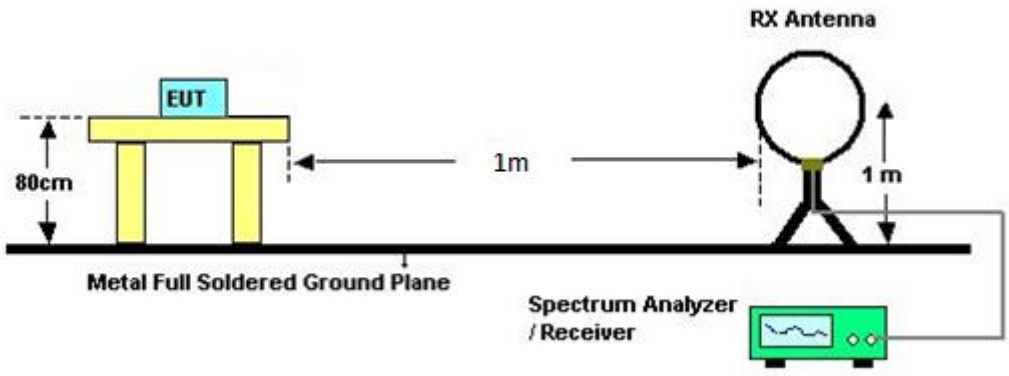
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

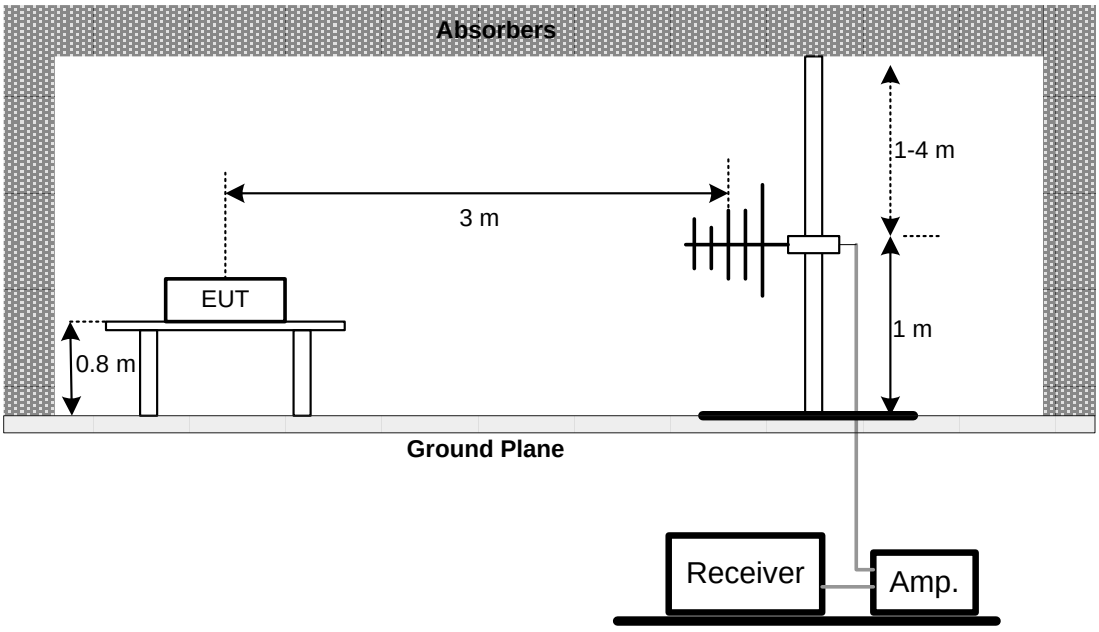
No deviation.

4.4 TEST SETUP

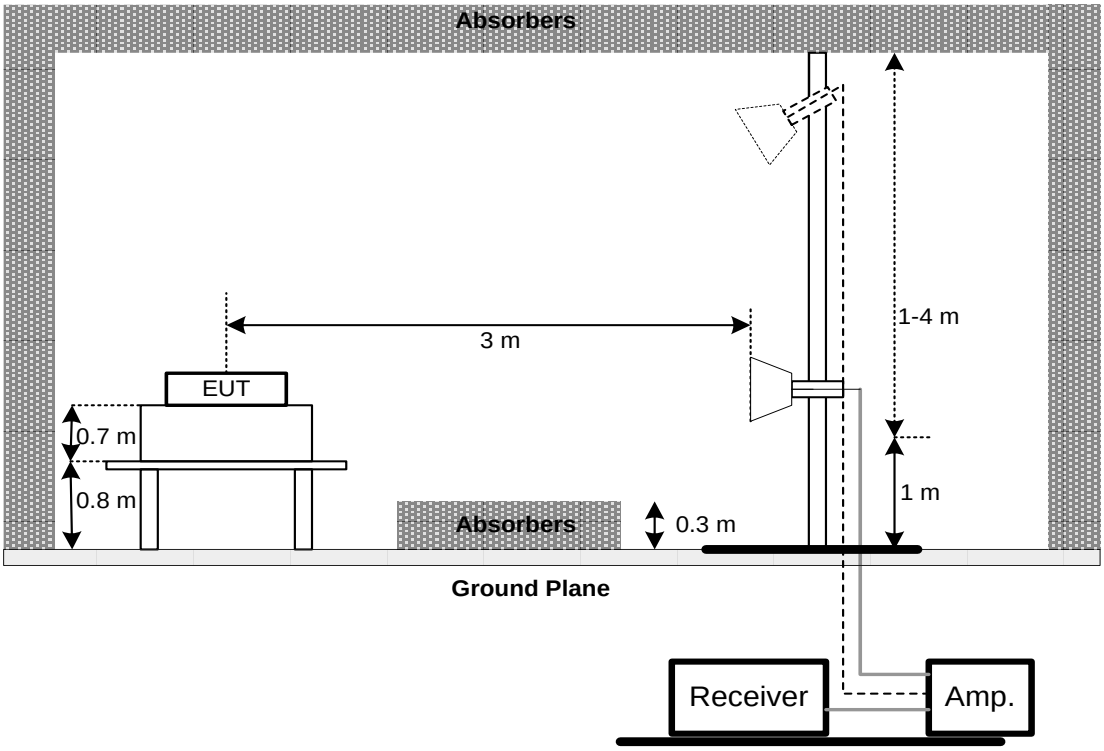
9 kHz to 30 MHz



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

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

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

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

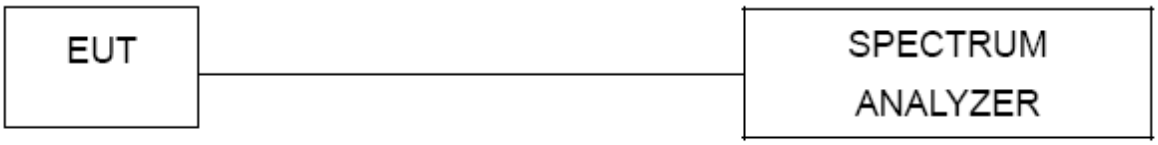
5.2 TEST PROCEDURE

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 D.

6 OUTPUT POWER TEST

6.1 LIMIT

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

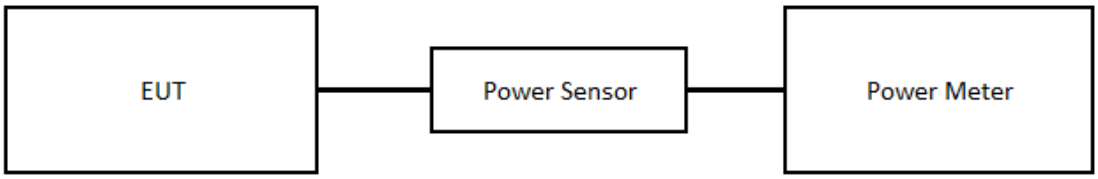
6.2 TEST PROCEDURE

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

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 E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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

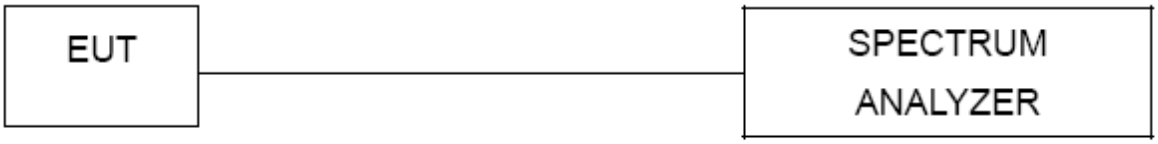
7.2 TEST PROCEDURE

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 F.

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.

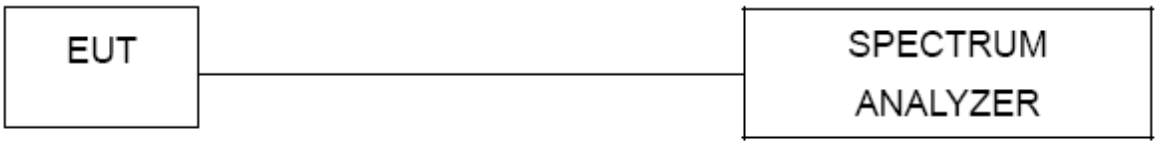
8.2 TEST PROCEDURE

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 G.

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	101521	2022/9/28	2023/9/27
2	Test Cable	EMCI	EMCCFD300-BM-BMR-5000	220331	2022/3/31	2023/3/30
3	EMI Test Receiver	R&S	ESR 7	101433	2022/11/16	2023/11/15
4	Measurement Software	EZ	EZ_EMC (Version 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	Preamplifier	EMCI	EMC330N	980850	2022/9/19	2023/9/18
2	Preamplifier	EMCI	EMC118A45SE	980819	2022/3/8	2023/3/7
3	Preamplifier	EMCI	EMC184045SE	980882	2022/2/9	2023/2/8
4	Preamplifier	EMCI	EMC001340	980579	2022/9/30	2023/9/29
5	Test Cable	EMCI	EMC104-SM-SM-1000	220319	2022/3/15	2023/3/14
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2022/3/15	2023/3/14
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2022/3/15	2023/3/14
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2022/3/7	2023/3/6
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2022/9/19	2023/9/18
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2022/5/18	2023/5/17
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2022/5/18	2023/5/17
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2022/5/20	2023/5/19
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-N0625	2022/5/20	2023/5/19
14	Measurement Software	EZ	EZ_EMC (Version 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	FSP38	101139	2022/3/2	2023/3/1

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Power Meter	Anritsu	ML2495A	1128008	2022/6/1	2023/5/31
2	Power Sensor	Anritsu	MA2411B	1126001	2022/6/1	2023/5/31

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP38	101139	2022/3/2	2023/3/1

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP38	101139	2022/3/2	2023/3/1

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

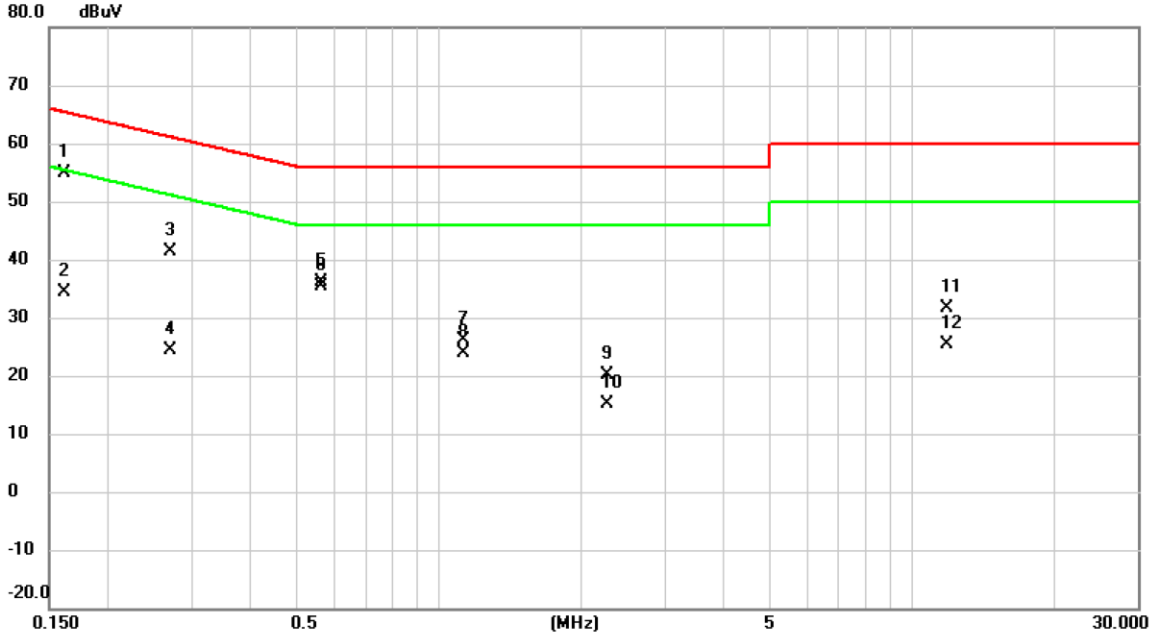
Please refer to document Appendix No.: TP-2212T065-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2212T065-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

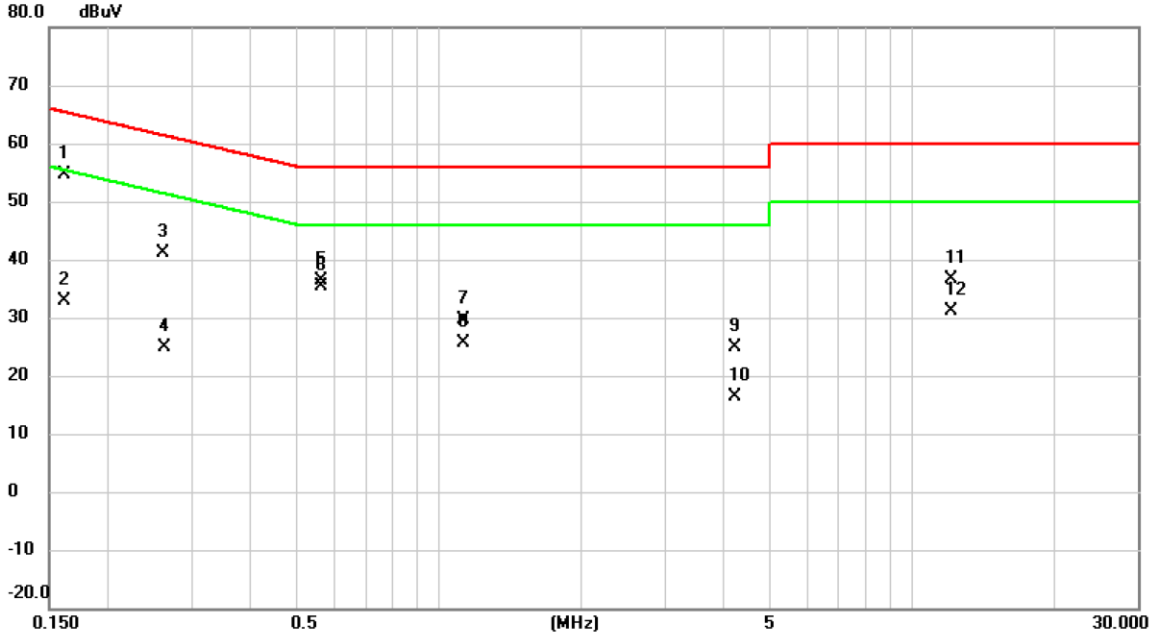
Test Mode	Normal	Tested Date	2023/1/11
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1613	45.12	9.64	54.76	65.40	-10.64	QP	
2		0.1613	24.81	9.64	34.45	55.40	-20.95	AVG	
3		0.2714	31.83	9.63	41.46	61.07	-19.61	QP	
4		0.2714	14.83	9.63	24.46	51.07	-26.61	AVG	
5		0.5640	26.38	9.63	36.01	56.00	-19.99	QP	
6	*	0.5640	25.81	9.63	35.44	46.00	-10.56	AVG	
7		1.1310	16.38	9.67	26.05	56.00	-29.95	QP	
8		1.1310	14.24	9.67	23.91	46.00	-22.09	AVG	
9		2.2628	10.42	9.71	20.13	56.00	-35.87	QP	
10		2.2628	5.44	9.71	15.15	46.00	-30.85	AVG	
11		11.8500	21.66	9.89	31.55	60.00	-28.45	QP	
12		11.8500	15.49	9.89	25.38	50.00	-24.62	AVG	

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

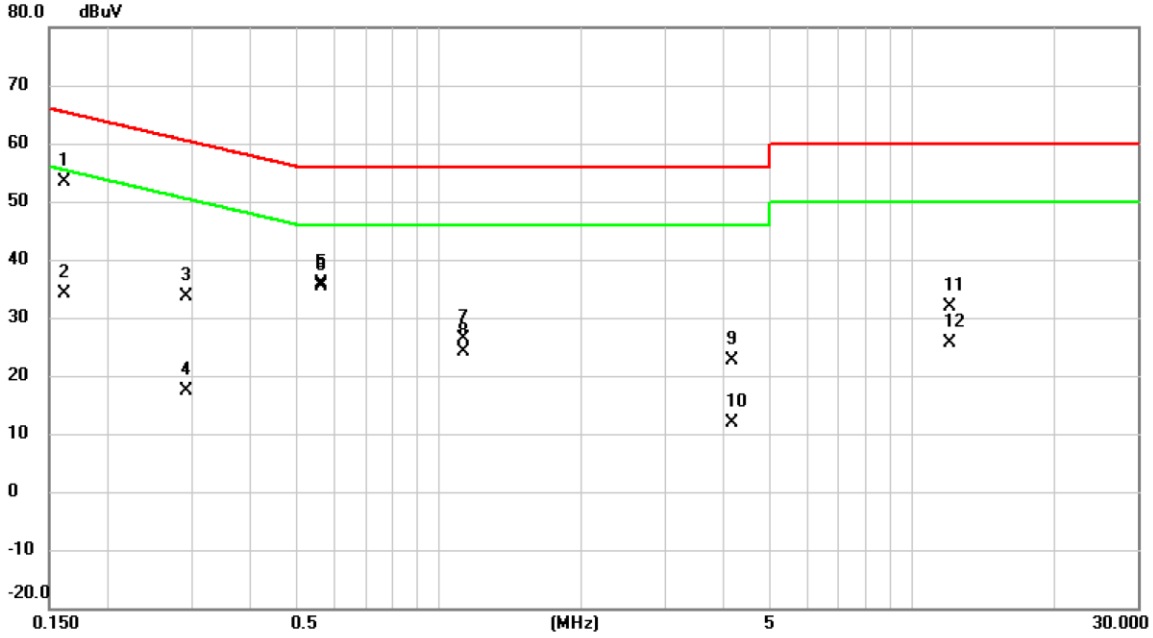
Test Mode	Normal	Tested Date	2023/1/11
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1613	44.92	9.65	54.57	65.40	-10.83	QP	
2		0.1613	23.21	9.65	32.86	55.40	-22.54	AVG	
3		0.2603	31.46	9.64	41.10	61.42	-20.32	QP	
4		0.2625	15.13	9.64	24.77	51.35	-26.58	AVG	
5		0.5640	26.64	9.64	36.28	56.00	-19.72	QP	
6	*	0.5640	25.71	9.64	35.35	46.00	-10.65	AVG	
7		1.1310	20.06	9.68	29.74	56.00	-26.26	QP	
8		1.1310	16.04	9.68	25.72	46.00	-20.28	AVG	
9		4.2158	15.11	9.76	24.87	56.00	-31.13	QP	
10		4.2158	6.60	9.76	16.36	46.00	-29.64	AVG	
11		12.0795	26.67	9.94	36.61	60.00	-23.39	QP	
12		12.0795	21.25	9.94	31.19	50.00	-18.81	AVG	

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

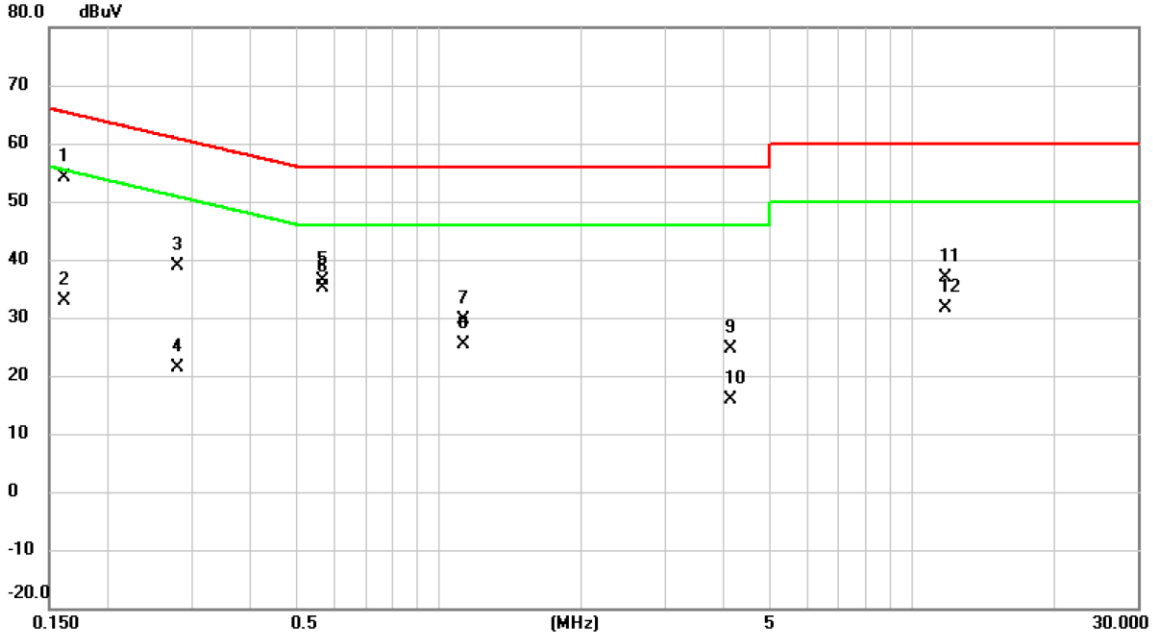
Test Mode	Idle	Tested Date	2023/1/11
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1613	43.80	9.64	53.44	65.40	-11.96	QP	
2		0.1613	24.49	9.64	34.13	55.40	-21.27	AVG	
3		0.2924	24.12	9.63	33.75	60.46	-26.71	QP	
4		0.2924	7.69	9.63	17.32	50.46	-33.14	AVG	
5		0.5640	26.26	9.63	35.89	56.00	-20.11	QP	
6	*	0.5640	25.77	9.63	35.40	46.00	-10.60	AVG	
7		1.1310	16.81	9.67	26.48	56.00	-29.52	QP	
8		1.1310	14.57	9.67	24.24	46.00	-21.76	AVG	
9		4.1550	12.93	9.75	22.68	56.00	-33.32	QP	
10		4.1550	2.07	9.75	11.82	46.00	-34.18	AVG	
11		11.9940	21.96	9.89	31.85	60.00	-28.15	QP	
12		11.9940	15.80	9.89	25.69	50.00	-24.31	AVG	

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

Test Mode	Idle	Tested Date	2023/1/11
Test Frequency	-	Phase	Neutral

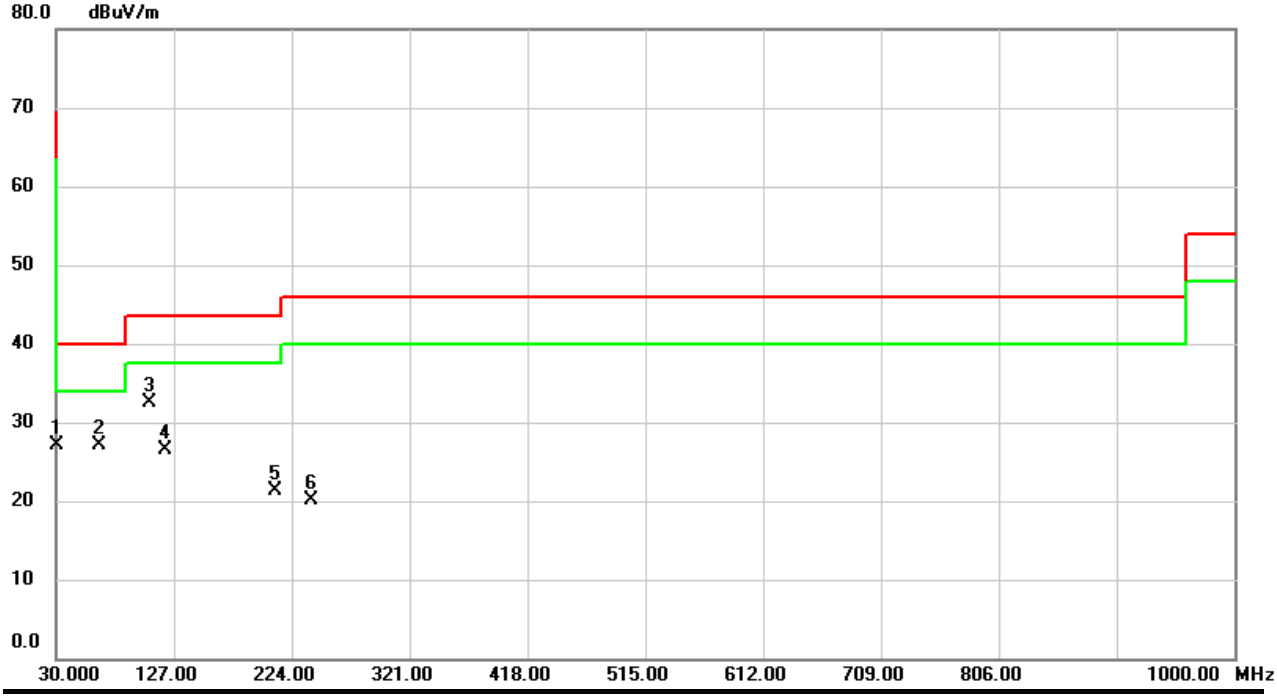


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1613	44.50	9.65	54.15	65.40	-11.25	QP	
2		0.1613	23.20	9.65	32.85	55.40	-22.55	AVG	
3		0.2805	29.23	9.64	38.87	60.80	-21.93	QP	
4		0.2805	11.80	9.64	21.44	50.80	-29.36	AVG	
5		0.5662	26.67	9.64	36.31	56.00	-19.69	QP	
6	*	0.5662	25.58	9.64	35.22	46.00	-10.78	AVG	
7		1.1310	19.95	9.68	29.63	56.00	-26.37	QP	
8		1.1310	15.68	9.68	25.36	46.00	-20.64	AVG	
9		4.1348	14.86	9.76	24.62	56.00	-31.38	QP	
10		4.1348	6.17	9.76	15.93	46.00	-30.07	AVG	
11		11.7443	26.93	9.94	36.87	60.00	-23.13	QP	
12		11.7443	21.66	9.94	31.60	50.00	-18.40	AVG	

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

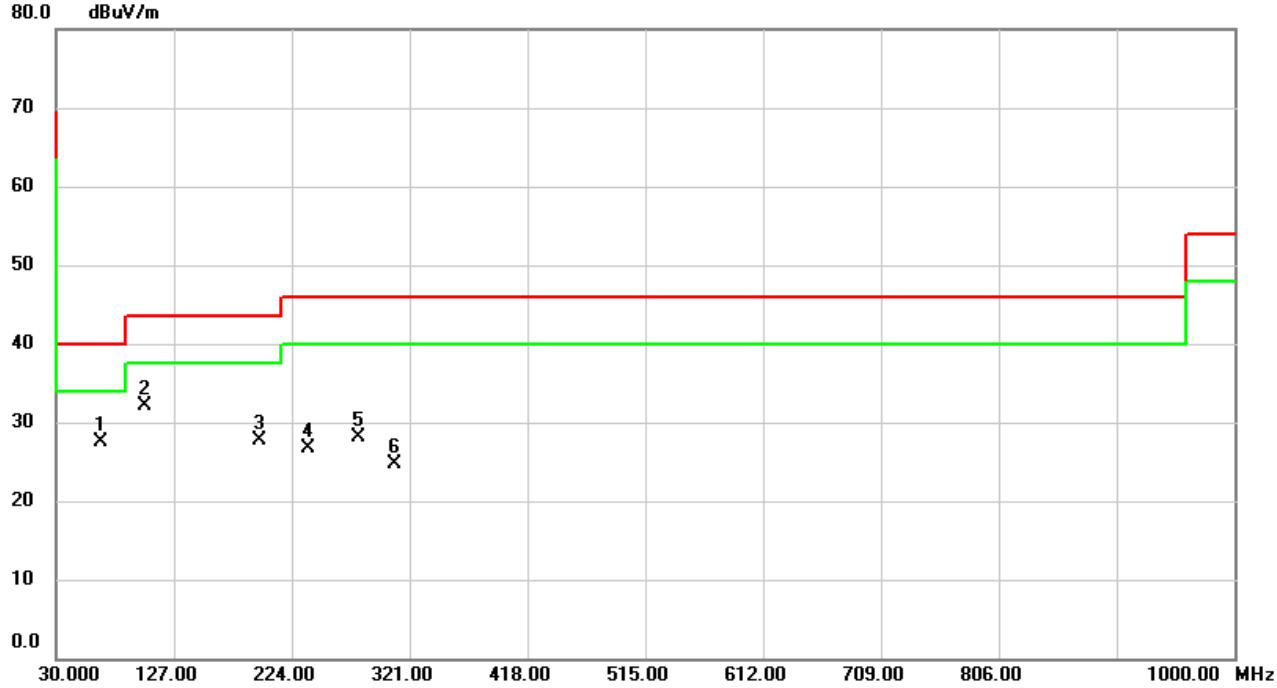
Test Mode	IEEE 802.11b	Test Date	2023/1/11
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.0670	39.90	-12.73	27.17	40.00	-12.83	peak	
2		64.9200	40.09	-13.00	27.09	40.00	-12.91	peak	
3	*	107.0503	47.86	-15.39	32.47	43.50	-11.03	peak	
4		119.3293	40.76	-14.26	26.50	43.50	-17.00	peak	
5		209.9027	36.84	-15.52	21.32	43.50	-22.18	peak	
6		239.7140	33.46	-13.41	20.05	46.00	-25.95	peak	

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

Test Mode	IEEE 802.11b	Test Date	2023/1/11
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

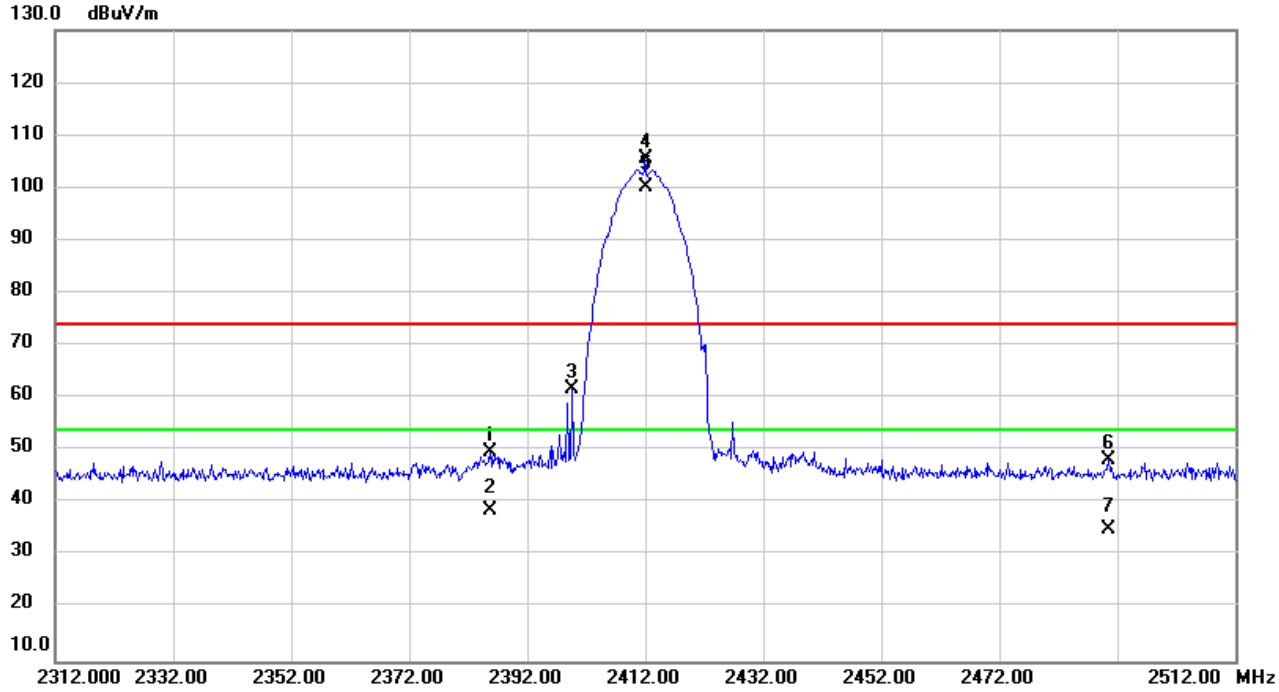


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		66.9247	41.00	-13.41	27.59	40.00	-12.41	peak	
2	*	103.0410	48.08	-15.92	32.16	43.50	-11.34	peak	
3		197.3573	42.73	-14.98	27.75	43.50	-15.75	peak	
4		237.4830	40.44	-13.69	26.75	46.00	-19.25	peak	
5		279.1283	40.04	-11.94	28.10	46.00	-17.90	peak	
6		308.3253	35.92	-11.29	24.63	46.00	-21.37	peak	

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

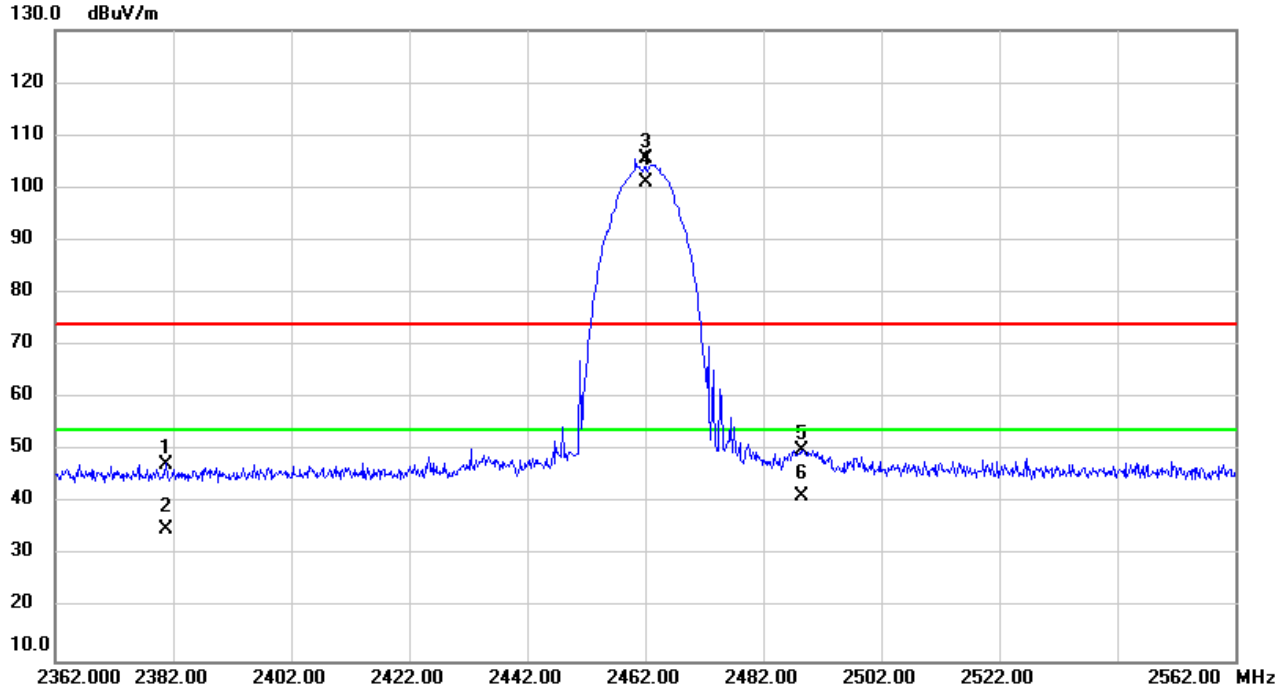
Test Mode	IEEE 802.11b	Test Date	2023/1/6
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.760	55.61	-5.77	49.84	74.00	-24.16	peak	
2		2385.760	44.32	-5.77	38.55	54.00	-15.45	AVG	
3		2399.613	67.56	-5.76	61.80	74.00	-12.20	peak	No Limit
4	X	2412.000	111.29	-5.74	105.55	74.00	31.55	peak	No Limit
5	*	2412.000	106.03	-5.74	100.29	54.00	46.29	AVG	No Limit
6		2490.447	53.80	-5.63	48.17	74.00	-25.83	peak	
7		2490.447	40.76	-5.63	35.13	54.00	-18.87	AVG	

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

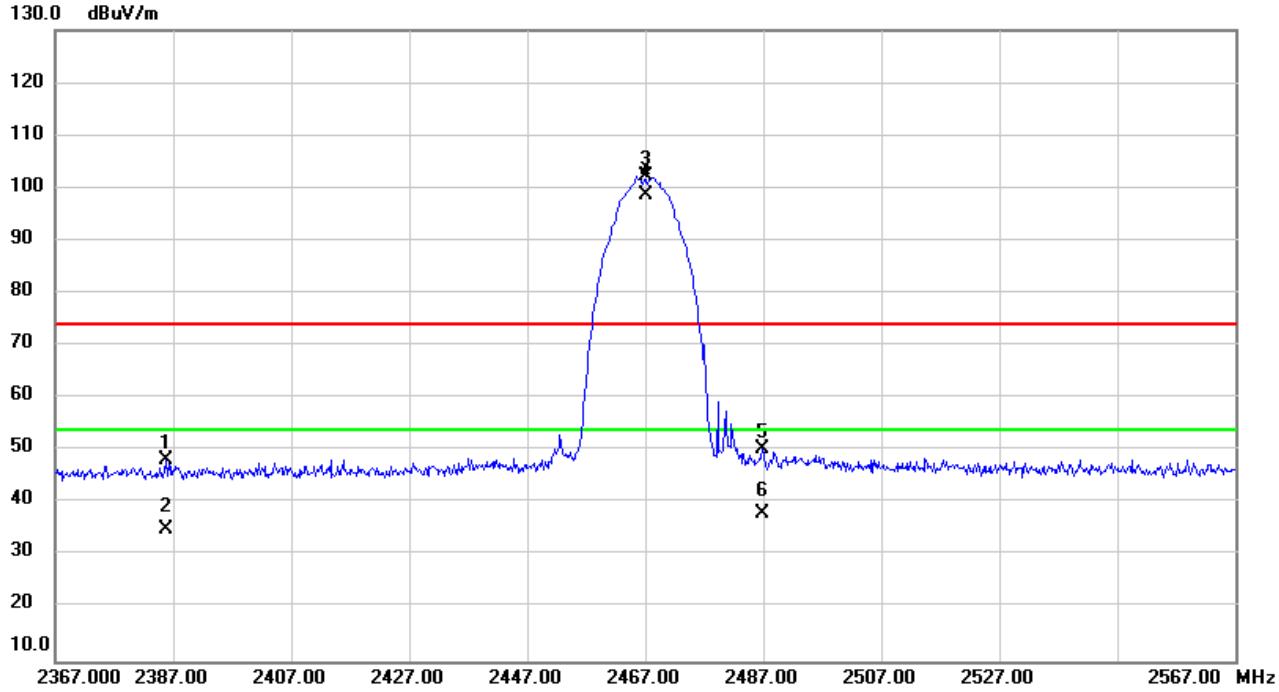
Test Mode	IEEE 802.11b	Test Date	2023/1/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2380.767	53.28	-5.78	47.50	74.00	-26.50	peak	
2		2380.767	40.81	-5.78	35.03	54.00	-18.97	AVG	
3	X	2462.000	111.13	-5.68	105.45	74.00	31.45	peak	No Limit
4	*	2462.000	106.73	-5.68	101.05	54.00	47.05	AVG	No Limit
5		2488.633	55.70	-5.63	50.07	74.00	-23.93	peak	
6		2488.633	46.99	-5.63	41.36	54.00	-12.64	AVG	

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

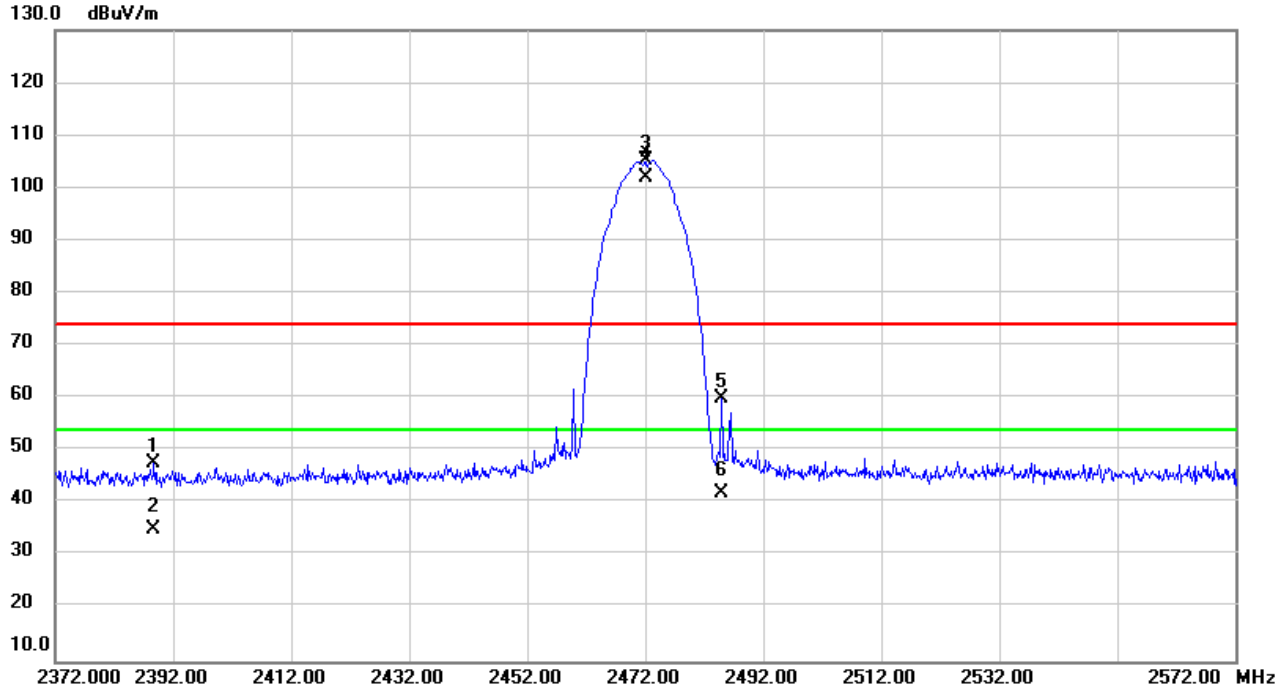
Test Mode	IEEE 802.11b	Test Date	2023/1/6
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.753	54.02	-5.77	48.25	74.00	-25.75	peak	
2		2385.753	40.76	-5.77	34.99	54.00	-19.01	AVG	
3	X	2467.000	107.82	-5.66	102.16	74.00	28.16	peak	No Limit
4	*	2467.000	104.21	-5.66	98.55	54.00	44.55	AVG	No Limit
5		2486.947	55.97	-5.63	50.34	74.00	-23.66	peak	
6		2486.947	43.73	-5.63	38.10	54.00	-15.90	AVG	

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

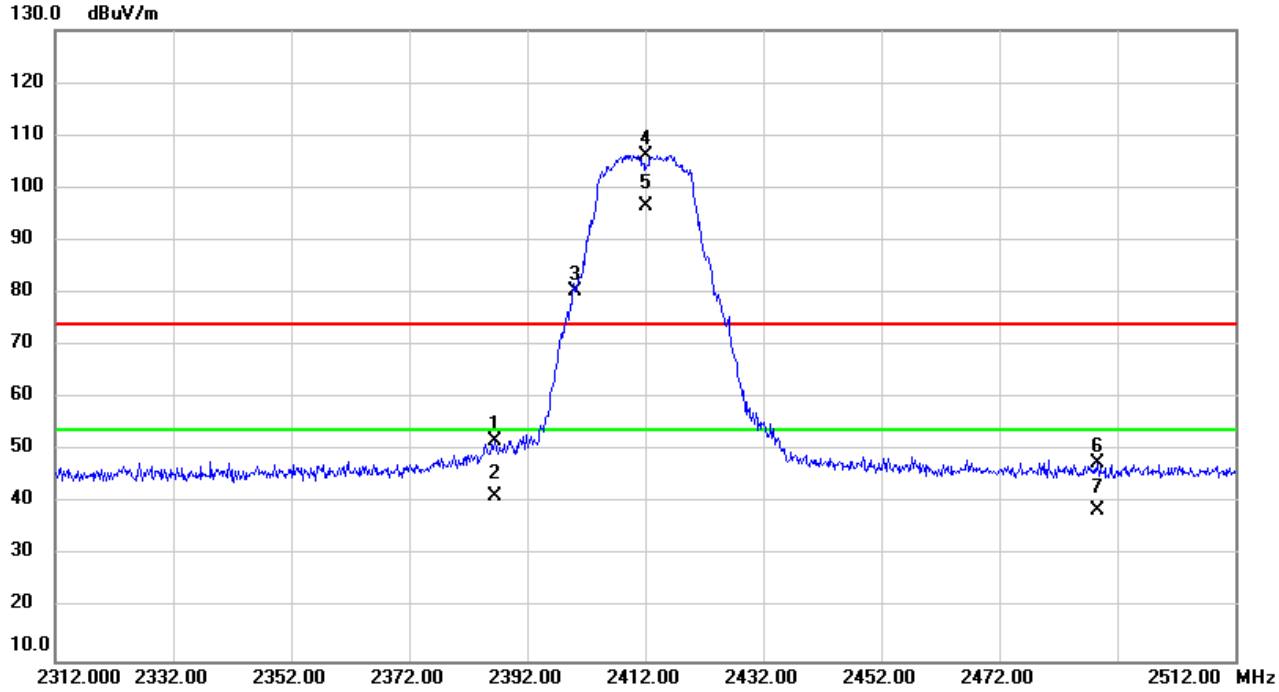
Test Mode	IEEE 802.11b	Test Date	2023/1/6
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.753	53.47	-5.77	47.70	74.00	-26.30	peak	
2		2388.753	40.87	-5.77	35.10	54.00	-18.90	AVG	
3	X	2472.000	110.84	-5.66	105.18	74.00	31.18	peak	No Limit
4	*	2472.000	107.68	-5.66	102.02	54.00	48.02	AVG	No Limit
5		2484.920	65.66	-5.64	60.02	74.00	-13.98	peak	
6		2484.920	47.46	-5.64	41.82	54.00	-12.18	AVG	

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

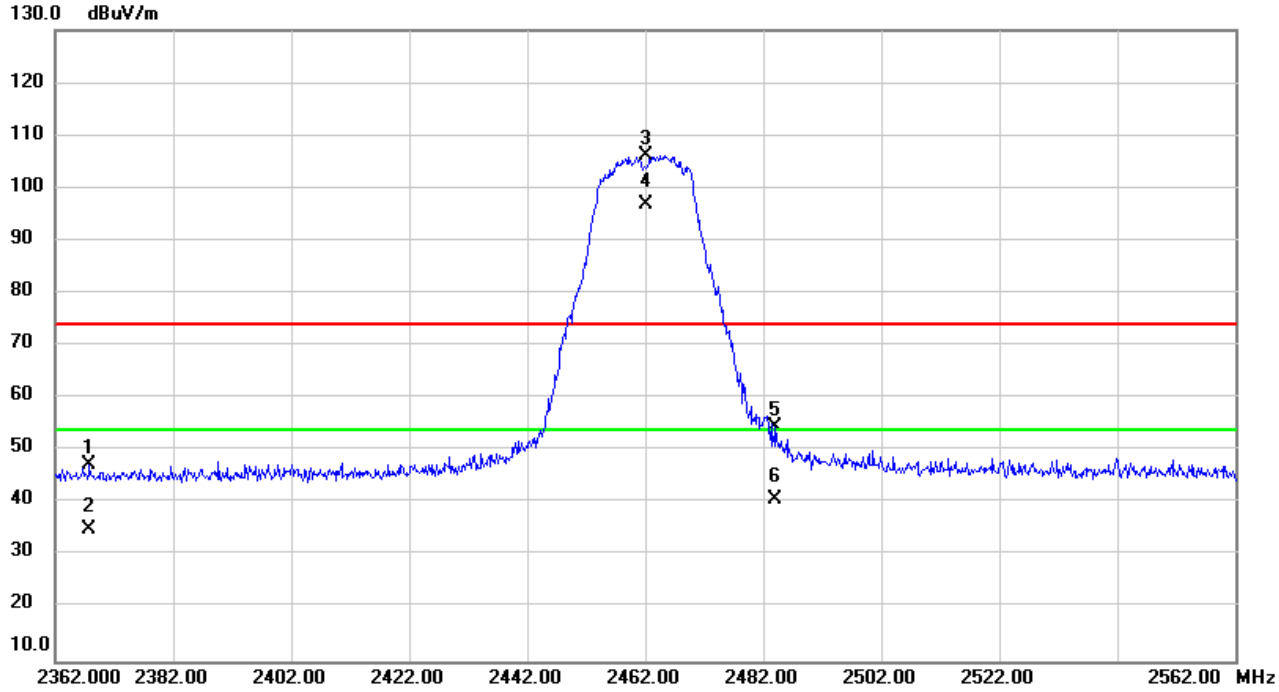
Test Mode	IEEE 802.11g	Test Date	2023/1/6
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.420	57.72	-5.77	51.95	74.00	-22.05	peak	
2		2386.420	47.19	-5.77	41.42	54.00	-12.58	AVG	
3	X	2400.000	86.10	-5.76	80.34	74.00	6.34	peak	No Limit
4	X	2412.000	111.97	-5.74	106.23	74.00	32.23	peak	No Limit
5	*	2412.000	102.32	-5.74	96.58	54.00	42.58	AVG	No Limit
6		2488.700	53.17	-5.63	47.54	74.00	-26.46	peak	
7		2488.700	44.27	-5.63	38.64	54.00	-15.36	AVG	

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

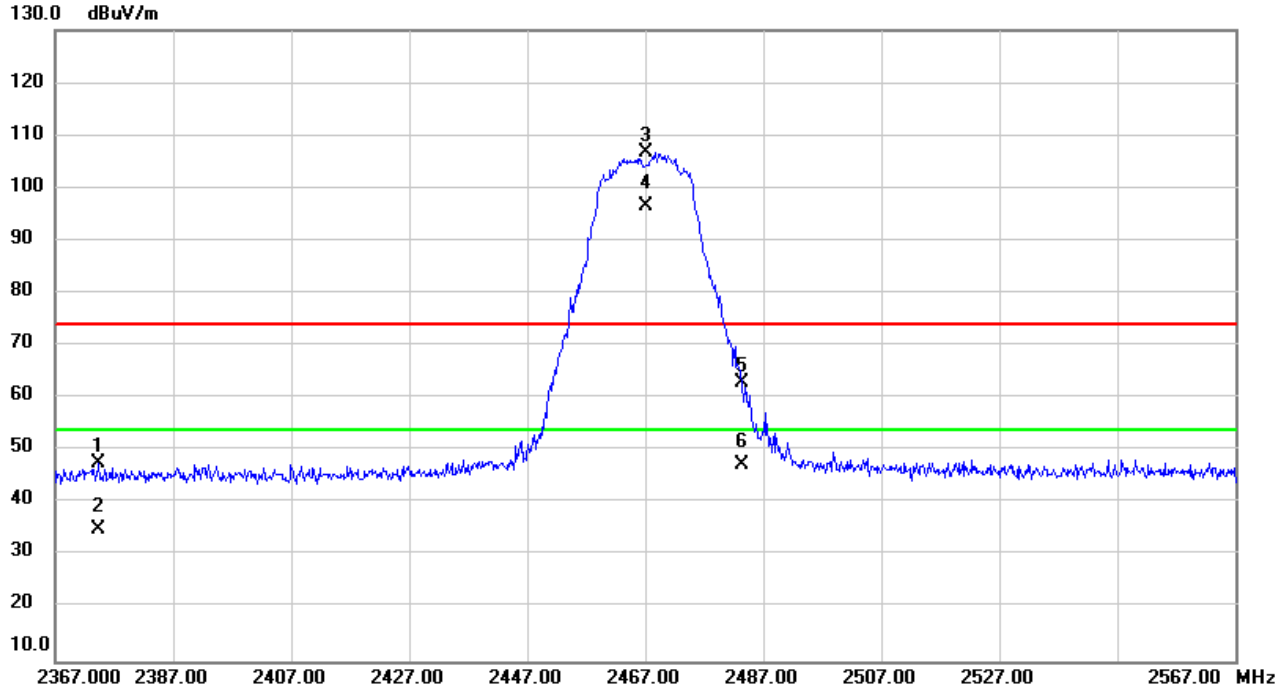
Test Mode	IEEE 802.11g	Test Date	2023/1/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2367.840	53.00	-5.80	47.20	74.00	-26.80	peak	
2		2367.840	40.93	-5.80	35.13	54.00	-18.87	AVG	
3	X	2462.000	111.74	-5.68	106.06	74.00	32.06	peak	No Limit
4	*	2462.000	102.44	-5.68	96.76	54.00	42.76	AVG	No Limit
5		2484.100	60.17	-5.65	54.52	74.00	-19.48	peak	
6		2484.100	46.42	-5.65	40.77	54.00	-13.23	AVG	

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

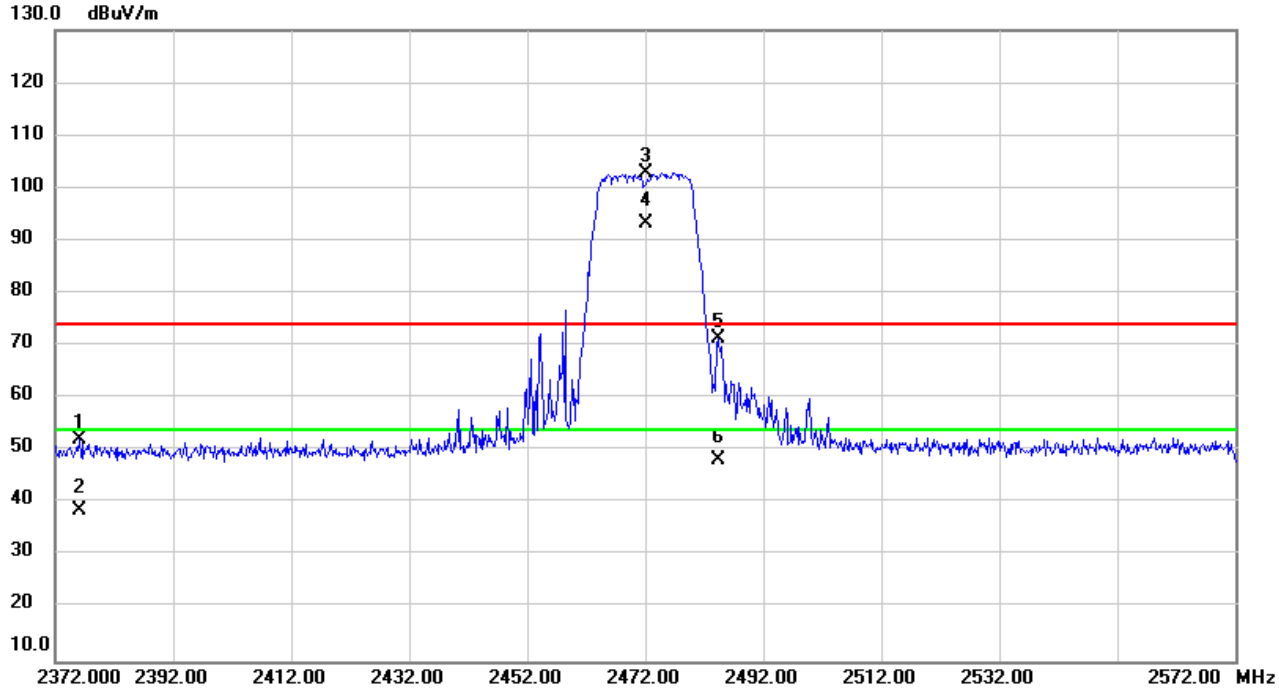
Test Mode	IEEE 802.11g	Test Date	2023/1/6
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2374.440	53.48	-5.79	47.69	74.00	-26.31	peak	
2		2374.440	40.98	-5.79	35.19	54.00	-18.81	AVG	
3	X	2467.000	112.27	-5.66	106.61	74.00	32.61	peak	No Limit
4	*	2467.000	102.25	-5.66	96.59	54.00	42.59	AVG	No Limit
5		2483.513	68.75	-5.65	63.10	74.00	-10.90	peak	
6		2483.513	52.95	-5.65	47.30	54.00	-6.70	AVG	

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

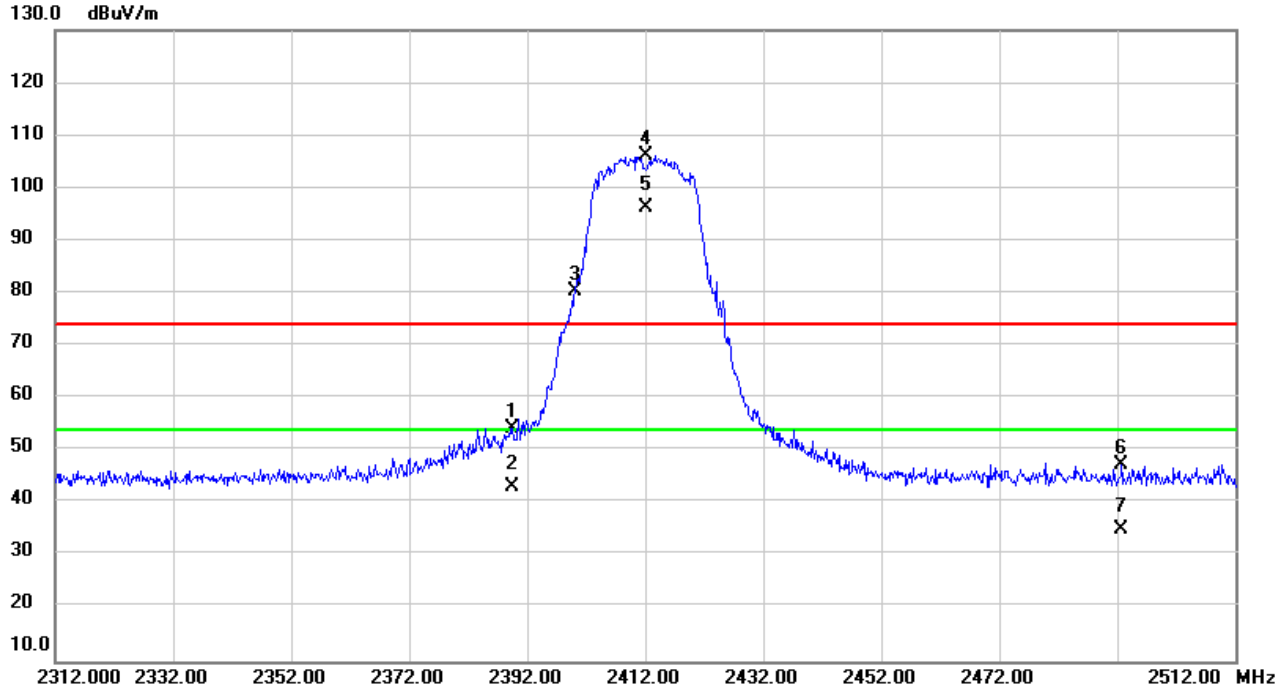
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2376.033	57.84	-5.78	52.06	74.00	-21.94	peak	
2		2376.033	44.36	-5.78	38.58	54.00	-15.42	AVG	
3	X	2472.000	108.45	-5.66	102.79	74.00	28.79	peak	No Limit
4	*	2472.000	98.93	-5.66	93.27	54.00	39.27	AVG	No Limit
5		2484.380	77.08	-5.64	71.44	74.00	-2.56	peak	
6		2484.380	53.84	-5.64	48.20	54.00	-5.80	AVG	

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

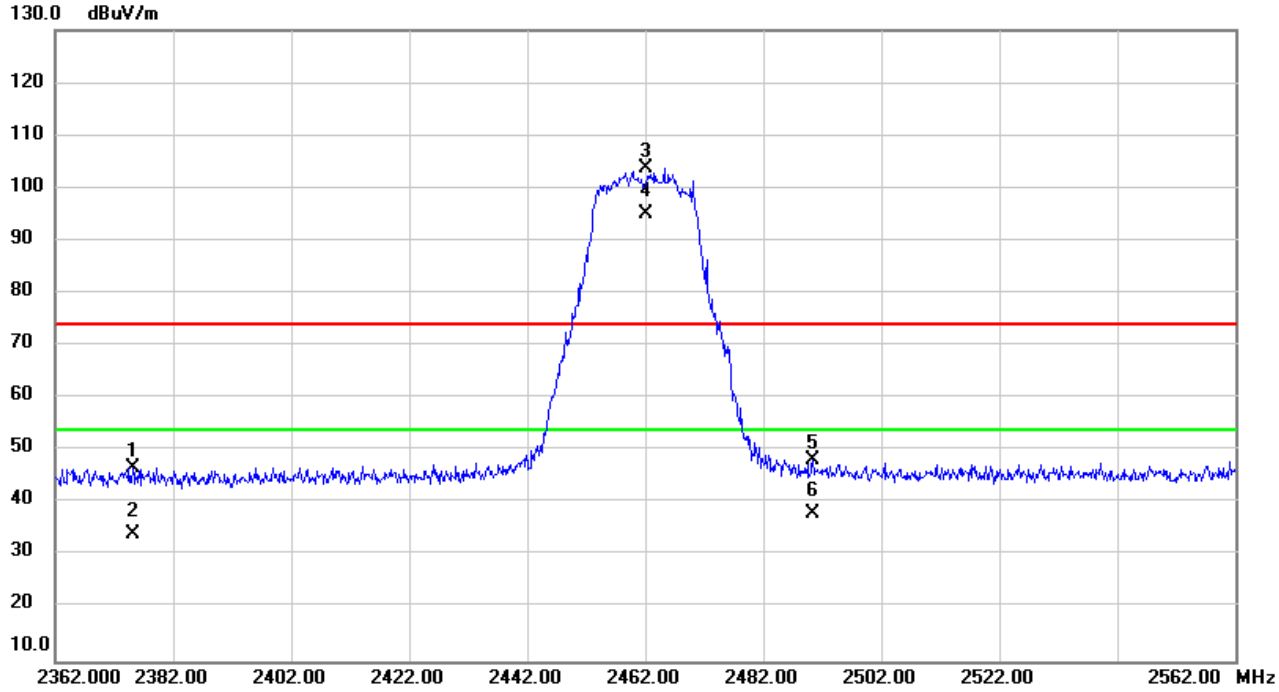
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/6
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.587	60.12	-5.77	54.35	74.00	-19.65	peak	
2		2389.587	48.89	-5.77	43.12	54.00	-10.88	AVG	
3	X	2400.000	86.01	-5.76	80.25	74.00	6.25	peak	No Limit
4	X	2412.000	111.83	-5.74	106.09	74.00	32.09	peak	No Limit
5	*	2412.000	102.13	-5.74	96.39	54.00	42.39	AVG	No Limit
6		2492.700	52.94	-5.64	47.30	74.00	-26.70	peak	
7		2492.700	40.71	-5.64	35.07	54.00	-18.93	AVG	

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

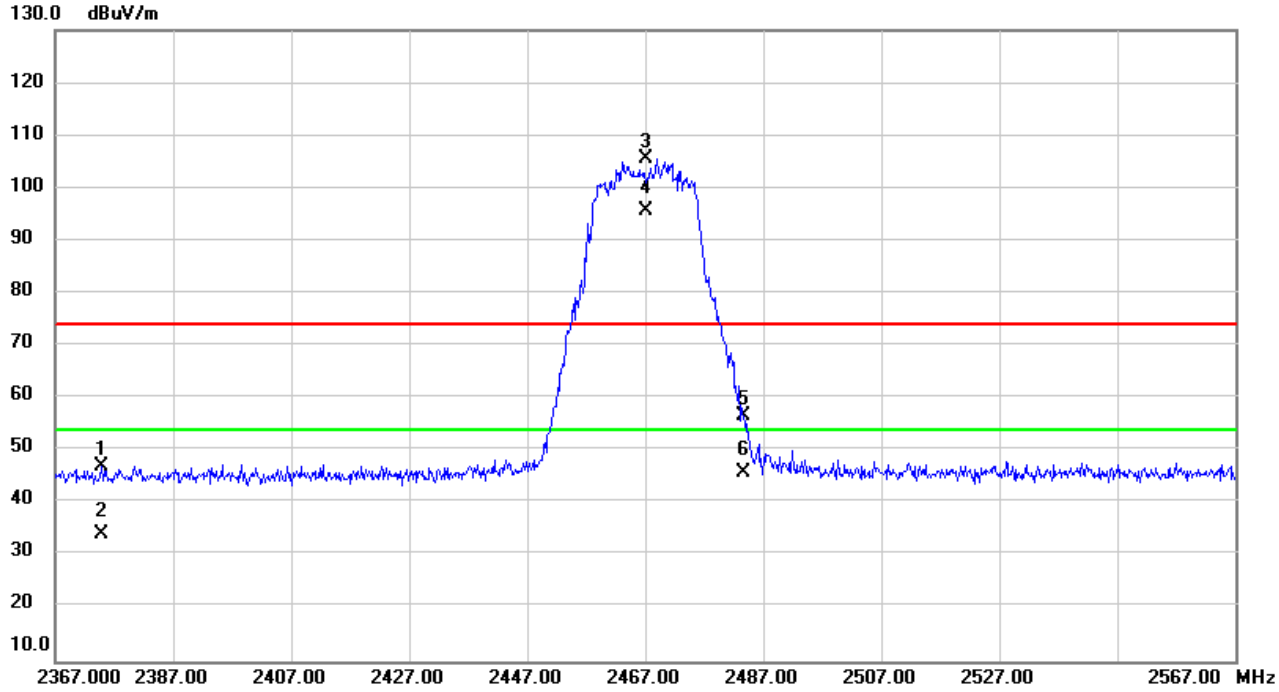
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2375.147	52.57	-5.78	46.79	74.00	-27.21	peak	
2		2375.147	39.80	-5.78	34.02	54.00	-19.98	AVG	
3	X	2462.000	109.46	-5.68	103.78	74.00	29.78	peak	No Limit
4	*	2462.000	100.69	-5.68	95.01	54.00	41.01	AVG	No Limit
5		2490.487	54.01	-5.63	48.38	74.00	-25.62	peak	
6		2490.487	43.70	-5.63	38.07	54.00	-15.93	AVG	

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

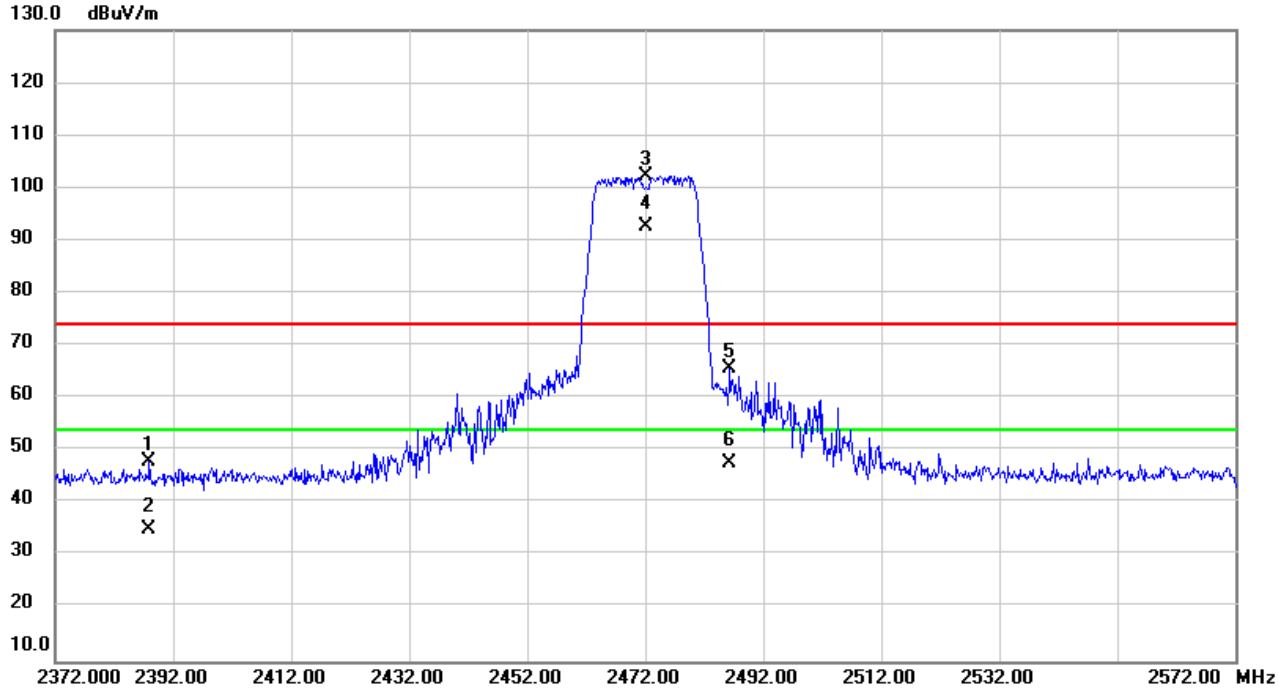
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/6
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2374.893	52.96	-5.79	47.17	74.00	-26.83	peak	
2		2374.893	39.92	-5.79	34.13	54.00	-19.87	AVG	
3	X	2467.000	111.07	-5.66	105.41	74.00	31.41	peak	No Limit
4	*	2467.000	101.39	-5.66	95.73	54.00	41.73	AVG	No Limit
5		2483.600	62.24	-5.65	56.59	74.00	-17.41	peak	
6		2483.600	51.47	-5.65	45.82	54.00	-8.18	AVG	

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

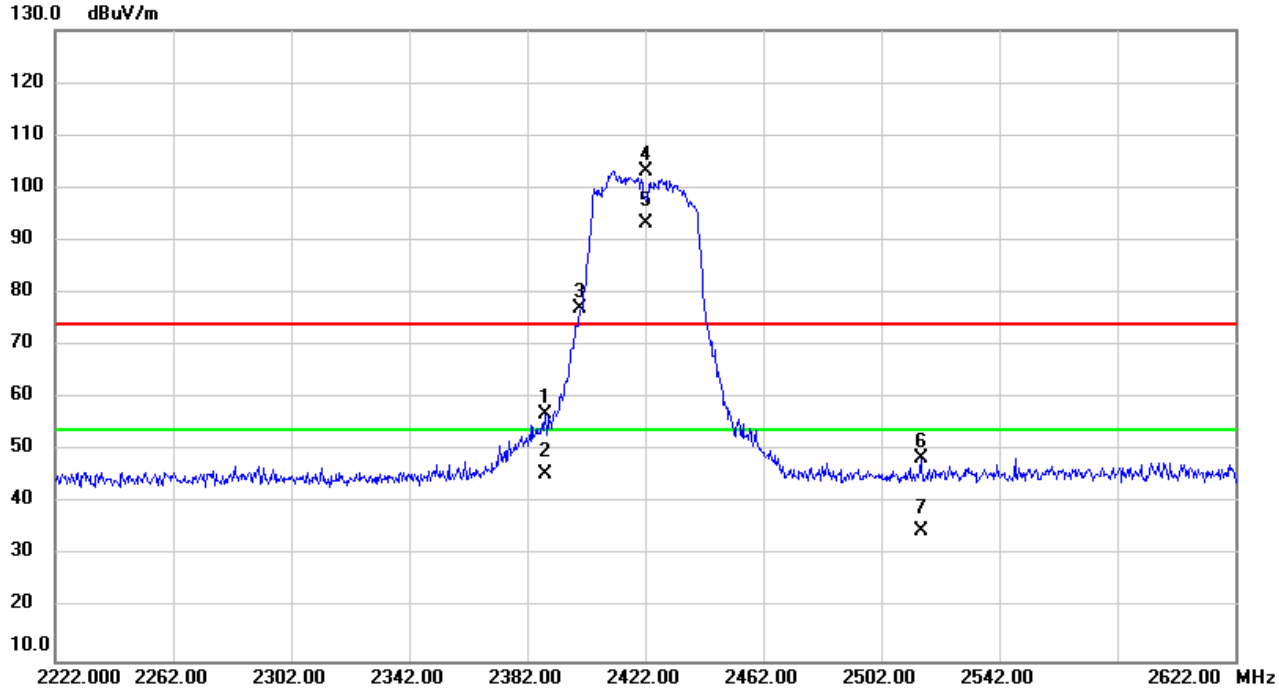
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/6
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.900	53.84	-5.77	48.07	74.00	-25.93	peak	
2		2387.900	40.73	-5.77	34.96	54.00	-19.04	AVG	
3	X	2472.000	107.96	-5.66	102.30	74.00	28.30	peak	No Limit
4	*	2472.000	98.33	-5.66	92.67	54.00	38.67	AVG	No Limit
5		2486.307	71.24	-5.63	65.61	74.00	-8.39	peak	
6		2486.307	53.32	-5.63	47.69	54.00	-6.31	AVG	

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

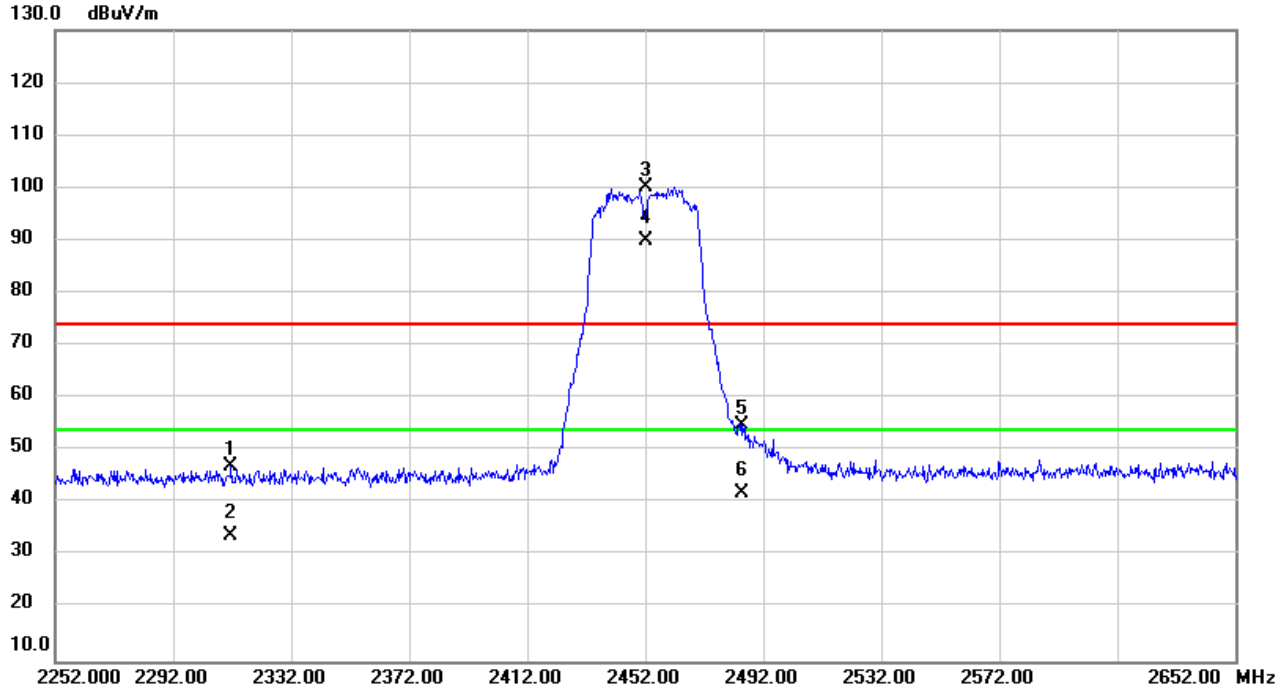
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/6
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.213	62.78	-5.77	57.01	74.00	-16.99	peak	
2		2388.213	51.22	-5.77	45.45	54.00	-8.55	AVG	
3	X	2400.000	82.72	-5.76	76.96	74.00	2.96	peak	No Limit
4	X	2422.000	108.87	-5.72	103.15	74.00	29.15	peak	No Limit
5	*	2422.000	98.89	-5.72	93.17	54.00	39.17	AVG	No Limit
6		2515.560	54.11	-5.56	48.55	74.00	-25.45	peak	
7		2515.560	40.34	-5.56	34.78	54.00	-19.22	AVG	

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

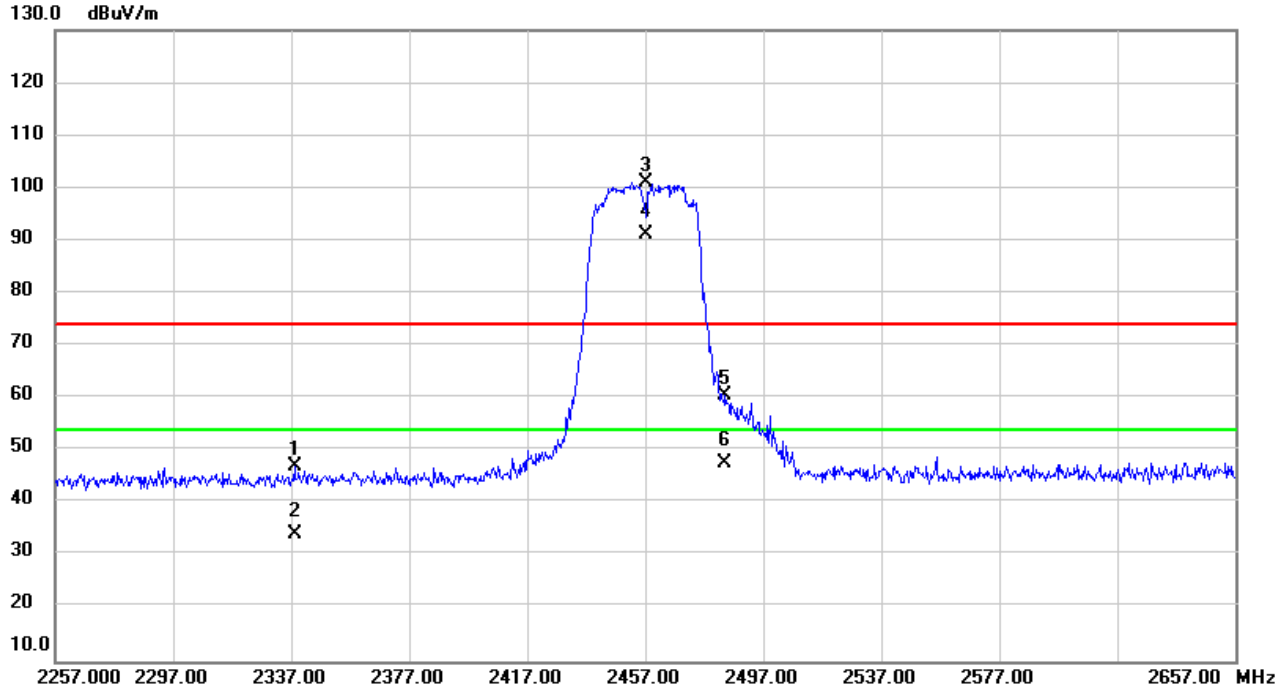
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/6
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2311.680	52.97	-5.87	47.10	74.00	-26.90	peak	
2		2311.680	39.87	-5.87	34.00	54.00	-20.00	AVG	
3	X	2452.000	105.75	-5.69	100.06	74.00	26.06	peak	No Limit
4	*	2452.000	95.70	-5.69	90.01	54.00	36.01	AVG	No Limit
5		2485.040	60.58	-5.63	54.95	74.00	-19.05	peak	
6		2485.040	47.60	-5.63	41.97	54.00	-12.03	AVG	

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

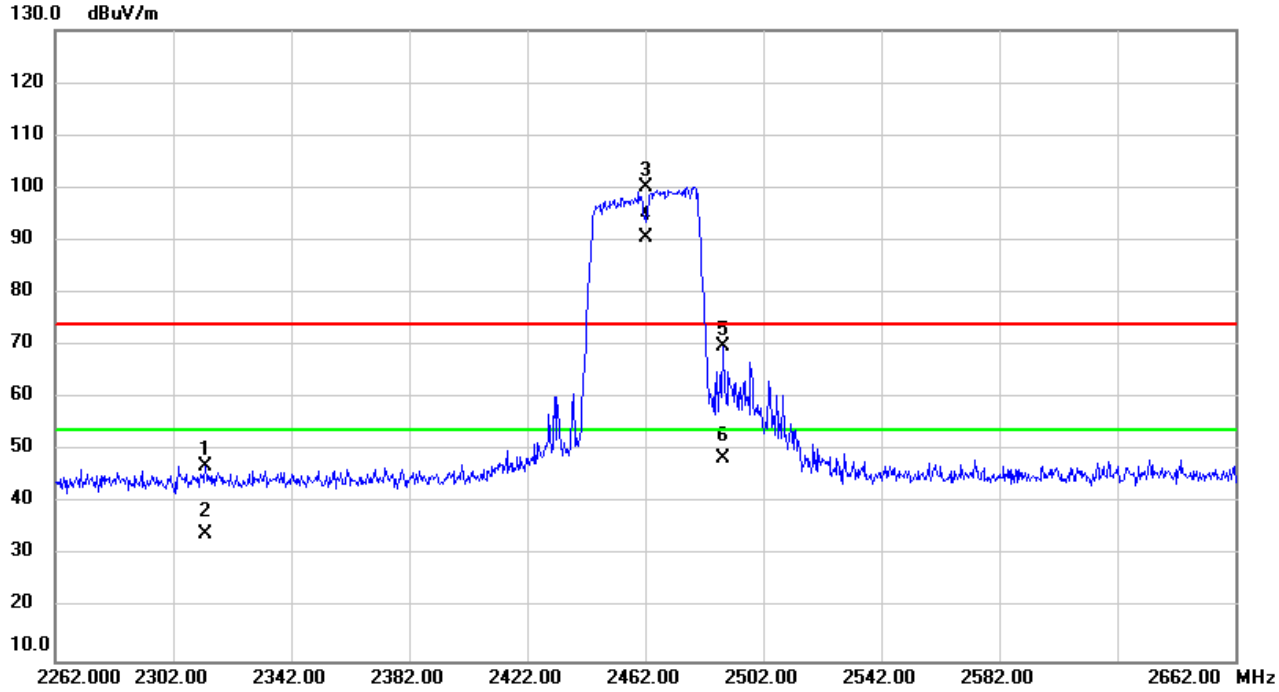
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/6
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2338.120	52.97	-5.84	47.13	74.00	-26.87	peak	
2		2338.120	39.91	-5.84	34.07	54.00	-19.93	AVG	
3	X	2457.000	106.63	-5.67	100.96	74.00	26.96	peak	No Limit
4	*	2457.000	96.74	-5.67	91.07	54.00	37.07	AVG	No Limit
5		2483.973	66.19	-5.65	60.54	74.00	-13.46	peak	
6		2483.973	53.30	-5.65	47.65	54.00	-6.35	AVG	

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

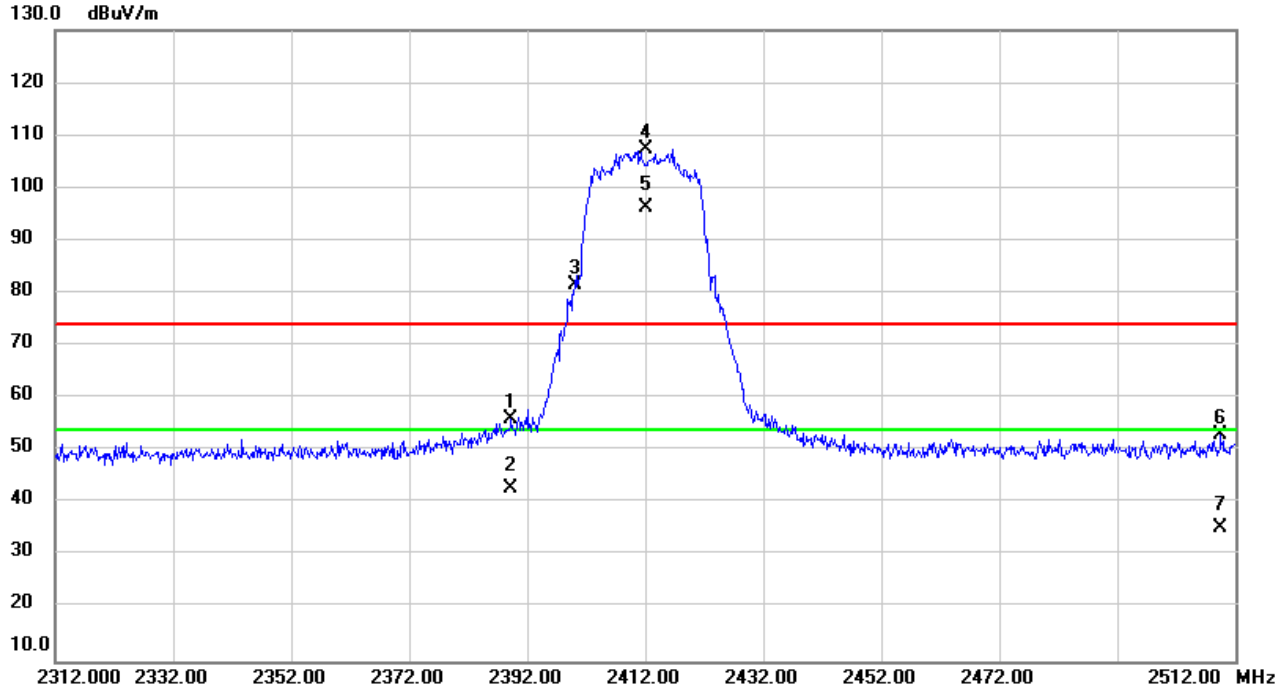
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2312.893	52.89	-5.87	47.02	74.00	-26.98	peak	
2		2312.893	40.15	-5.87	34.28	54.00	-19.72	AVG	
3	X	2462.000	105.71	-5.68	100.03	74.00	26.03	peak	No Limit
4	*	2462.000	96.10	-5.68	90.42	54.00	36.42	AVG	No Limit
5		2488.360	75.59	-5.63	69.96	74.00	-4.04	peak	
6		2488.360	54.23	-5.63	48.60	54.00	-5.40	AVG	

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

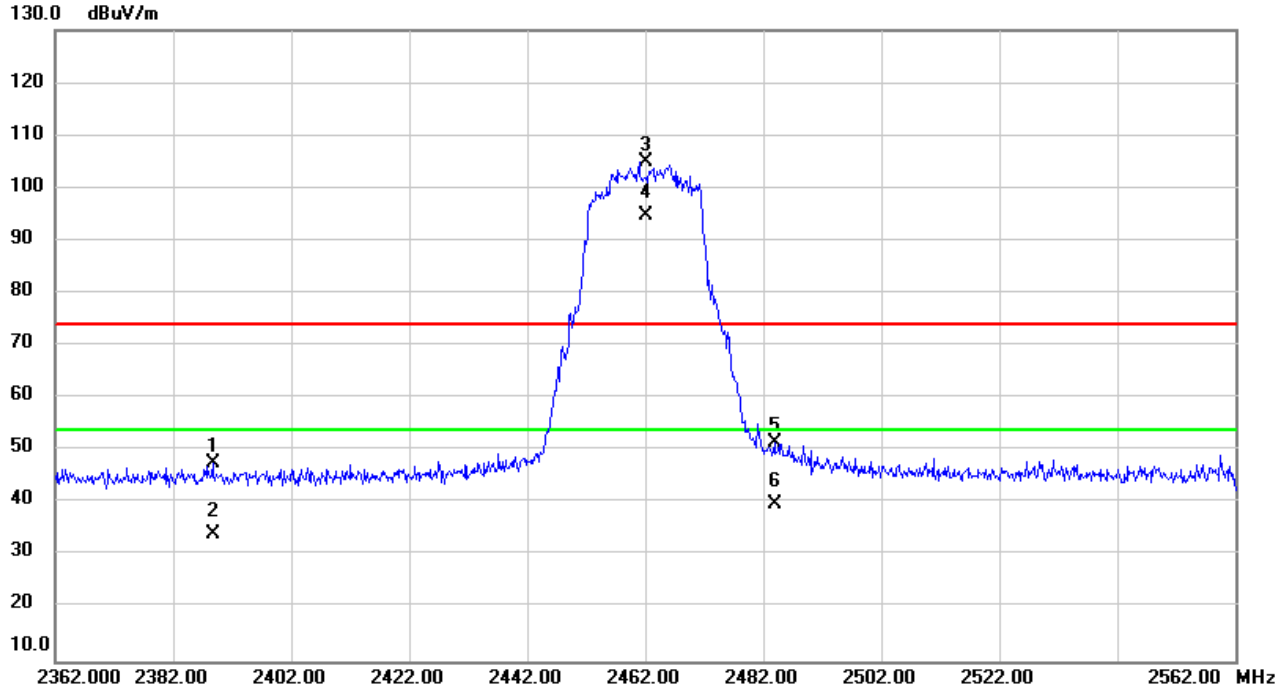
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/6
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.333	61.80	-5.77	56.03	74.00	-17.97	peak	
2		2389.333	48.62	-5.77	42.85	54.00	-11.15	AVG	
3	X	2400.000	87.22	-5.76	81.46	74.00	7.46	peak	No Limit
4	X	2412.000	113.16	-5.74	107.42	74.00	33.42	peak	No Limit
5	*	2412.000	102.08	-5.74	96.34	54.00	42.34	AVG	No Limit
6		2509.573	58.68	-5.58	53.10	74.00	-20.90	peak	
7		2509.573	40.80	-5.58	35.22	54.00	-18.78	AVG	

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

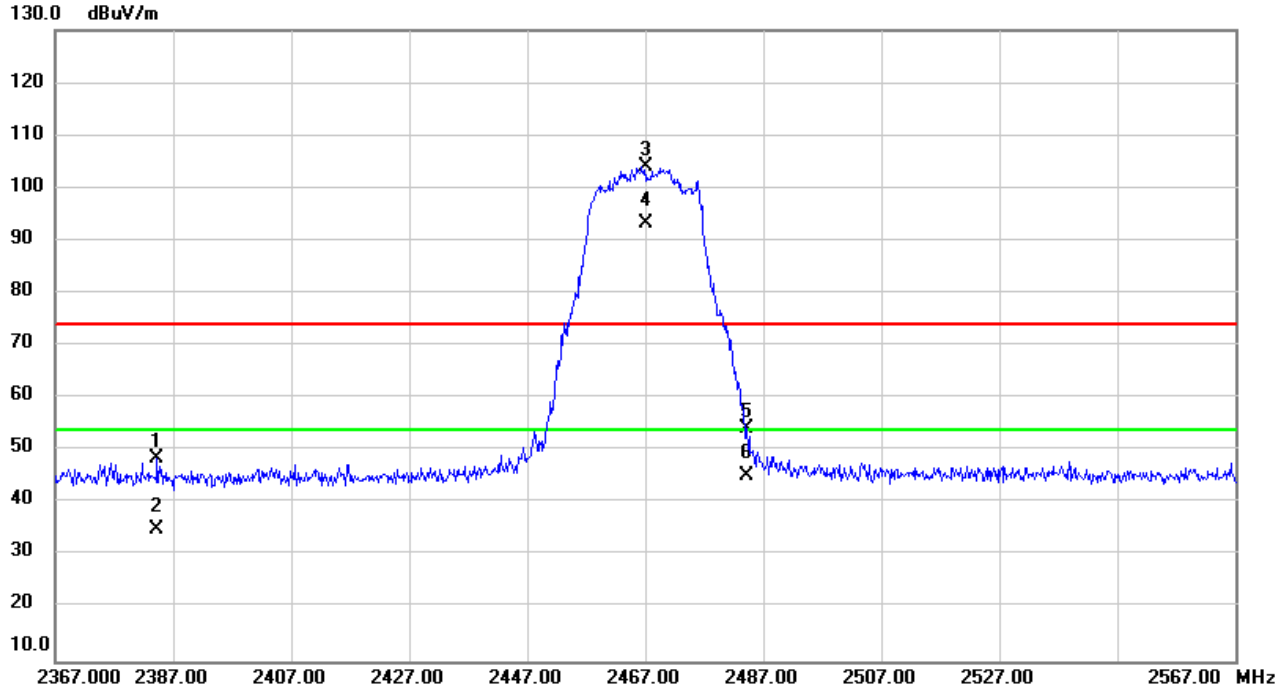
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.773	53.28	-5.77	47.51	74.00	-26.49	peak	
2		2388.773	39.97	-5.77	34.20	54.00	-19.80	AVG	
3	X	2462.000	110.49	-5.68	104.81	74.00	30.81	peak	No Limit
4	*	2462.000	100.33	-5.68	94.65	54.00	40.65	AVG	No Limit
5		2483.953	57.08	-5.65	51.43	74.00	-22.57	peak	
6		2483.953	45.62	-5.65	39.97	54.00	-14.03	AVG	

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

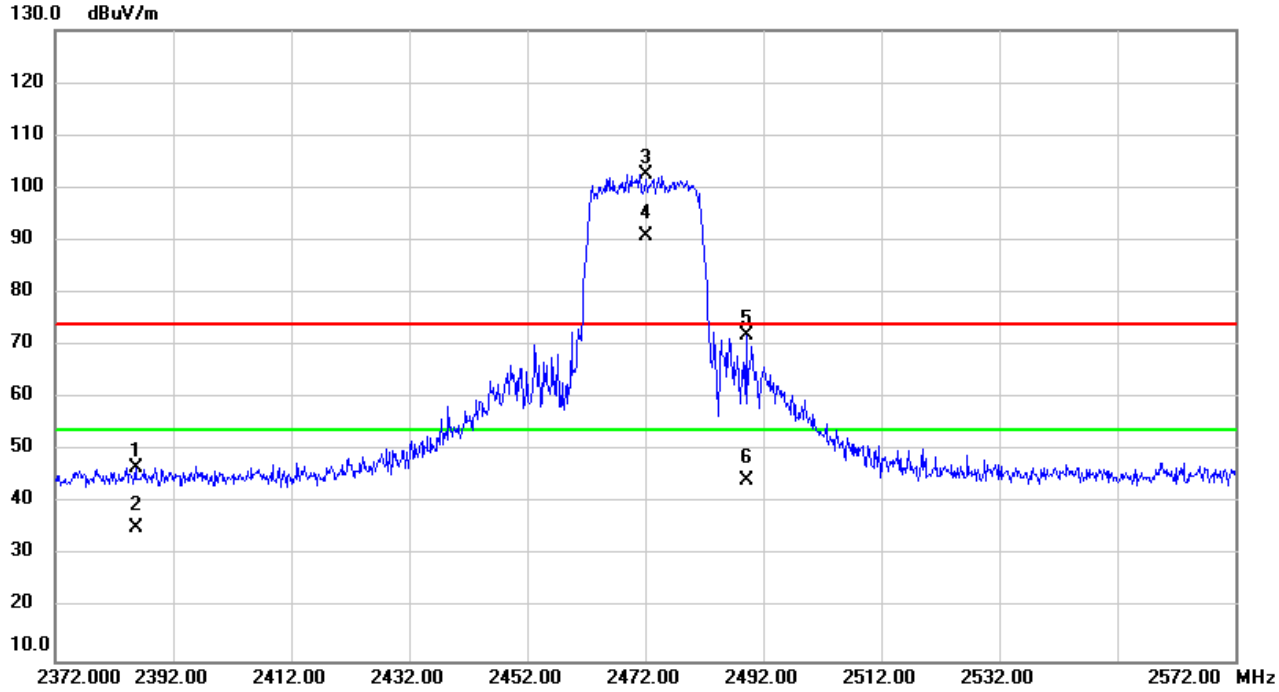
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2384.293	54.30	-5.78	48.52	74.00	-25.48	peak	
2		2384.293	40.80	-5.78	35.02	54.00	-18.98	AVG	
3	X	2467.000	109.61	-5.66	103.95	74.00	29.95	peak	No Limit
4	*	2467.000	99.01	-5.66	93.35	54.00	39.35	AVG	No Limit
5		2484.260	59.88	-5.65	54.23	74.00	-19.77	peak	
6		2484.260	50.90	-5.65	45.25	54.00	-8.75	AVG	

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

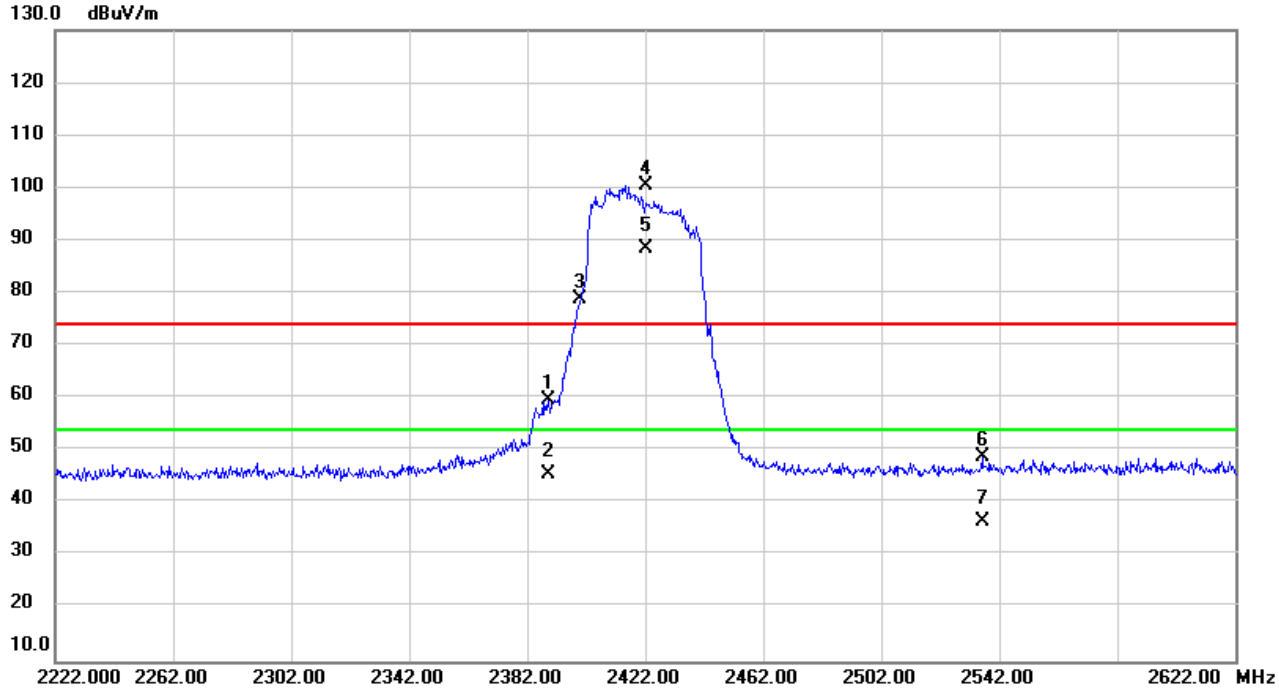
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.633	52.66	-5.77	46.89	74.00	-27.11	peak	
2		2385.633	41.00	-5.77	35.23	54.00	-18.77	AVG	
3	X	2472.000	108.23	-5.66	102.57	74.00	28.57	peak	No Limit
4	*	2472.000	96.63	-5.66	90.97	54.00	36.97	AVG	No Limit
5		2489.107	77.56	-5.63	71.93	74.00	-2.07	peak	
6		2489.107	50.01	-5.63	44.38	54.00	-9.62	AVG	

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

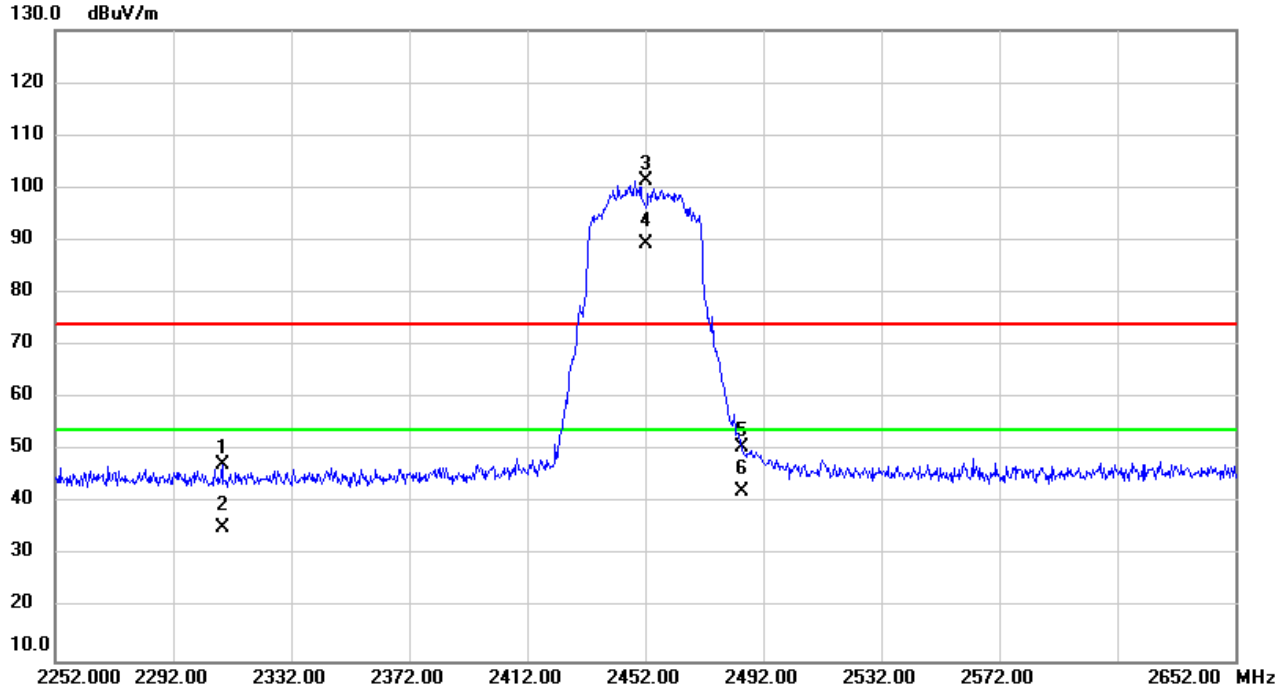
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.133	65.37	-5.77	59.60	74.00	-14.40	peak	
2		2389.133	51.36	-5.77	45.59	54.00	-8.41	AVG	
3	X	2400.000	84.63	-5.76	78.87	74.00	4.87	peak	No Limit
4	X	2422.000	106.08	-5.72	100.36	74.00	26.36	peak	No Limit
5	*	2422.000	94.10	-5.72	88.38	54.00	34.38	AVG	No Limit
6		2536.173	54.40	-5.47	48.93	74.00	-25.07	peak	
7		2536.173	41.93	-5.47	36.46	54.00	-17.54	AVG	

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

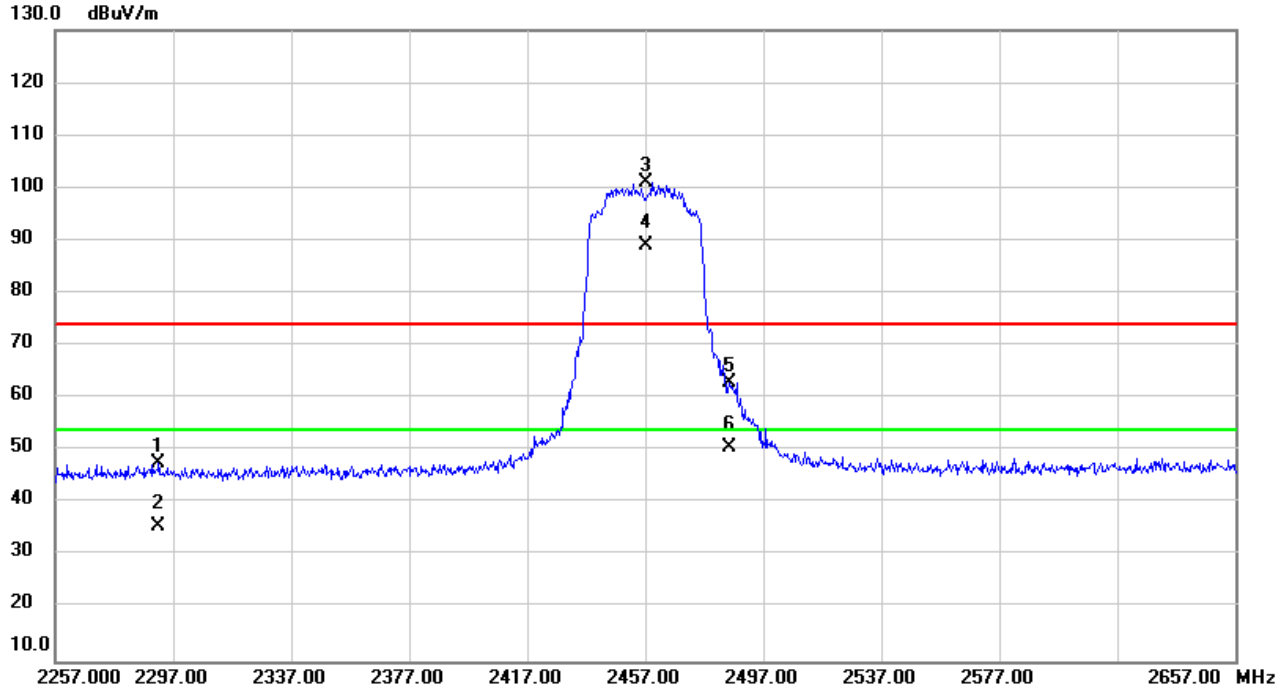
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2308.600	53.11	-5.87	47.24	74.00	-26.76	peak	
2		2308.600	41.35	-5.87	35.48	54.00	-18.52	AVG	
3	X	2452.000	107.00	-5.69	101.31	74.00	27.31	peak	No Limit
4	*	2452.000	95.13	-5.69	89.44	54.00	35.44	AVG	No Limit
5		2484.653	56.32	-5.64	50.68	74.00	-23.32	peak	
6		2484.653	47.91	-5.64	42.27	54.00	-11.73	AVG	

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

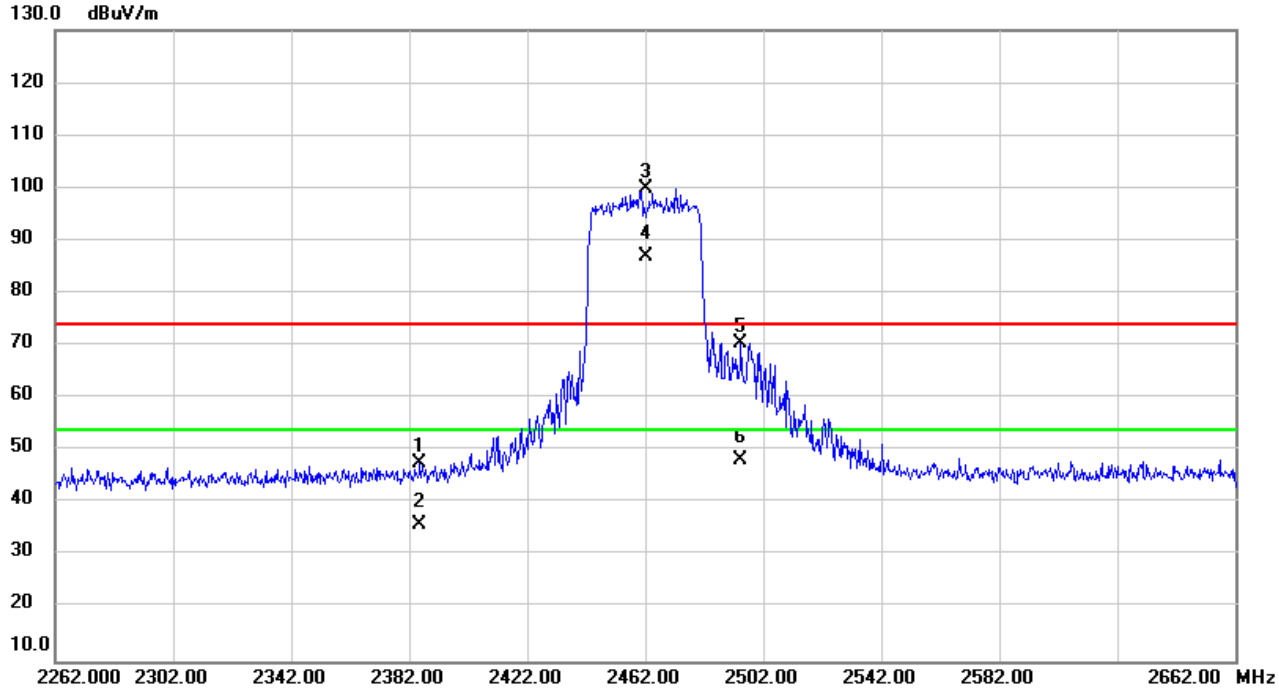
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2291.987	53.66	-5.90	47.76	74.00	-26.24	peak	
2		2291.987	41.51	-5.90	35.61	54.00	-18.39	AVG	
3	X	2457.000	106.74	-5.67	101.07	74.00	27.07	peak	No Limit
4	*	2457.000	94.65	-5.67	88.98	54.00	34.98	AVG	No Limit
5		2485.453	68.54	-5.63	62.91	74.00	-11.09	peak	
6		2485.453	56.31	-5.63	50.68	54.00	-3.32	AVG	

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

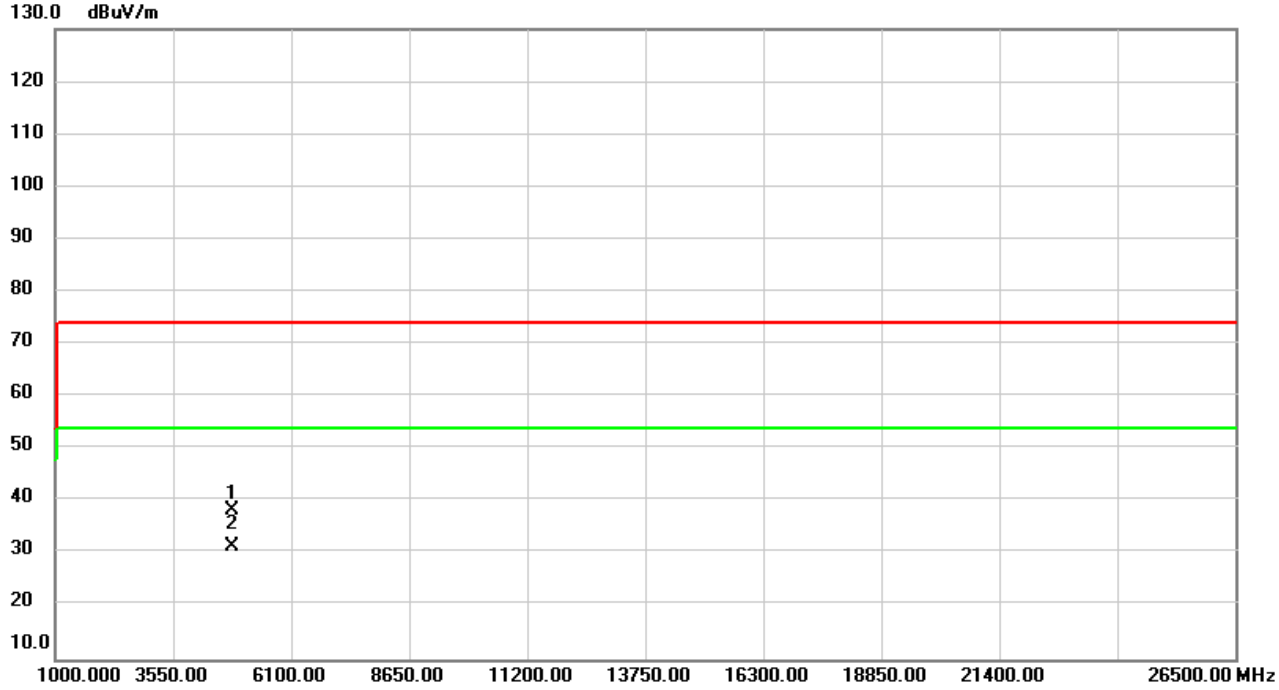
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.640	53.46	-5.77	47.69	74.00	-26.31	peak	
2		2385.640	41.60	-5.77	35.83	54.00	-18.17	AVG	
3	X	2462.000	105.66	-5.68	99.98	74.00	25.98	peak	No Limit
4	*	2462.000	92.74	-5.68	87.06	54.00	33.06	AVG	No Limit
5		2494.520	76.23	-5.64	70.59	74.00	-3.41	peak	
6		2494.520	53.90	-5.64	48.26	54.00	-5.74	AVG	

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

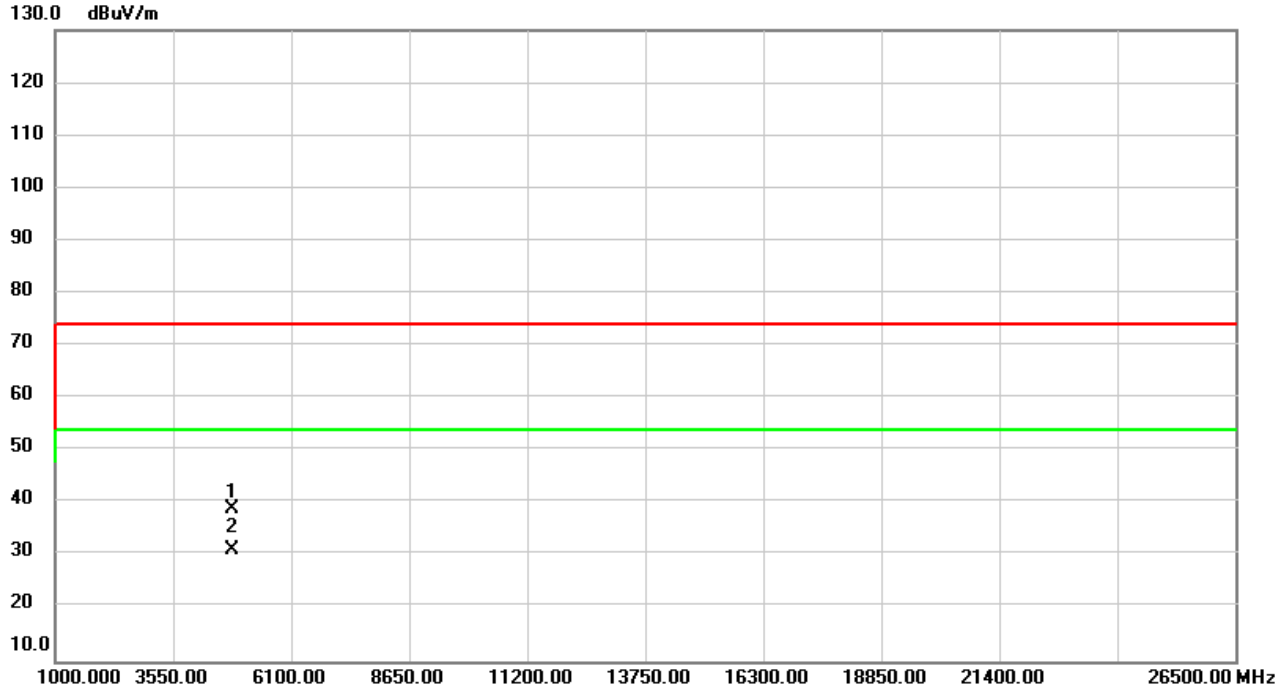
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	37.70	0.72	38.42	74.00	-35.58	peak	
2	*	4824.000	30.87	0.72	31.59	54.00	-22.41	AVG	

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

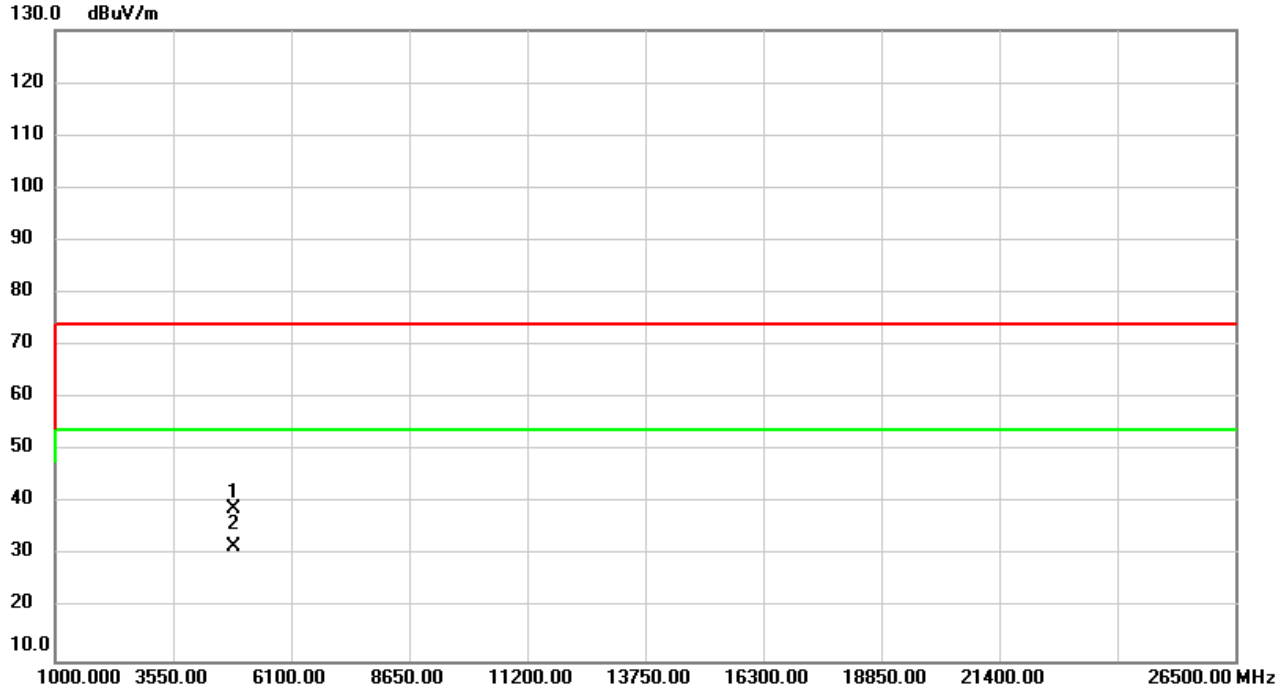
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	38.18	0.72	38.90	74.00	-35.10	peak	
2	*	4824.000	30.29	0.72	31.01	54.00	-22.99	AVG	

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

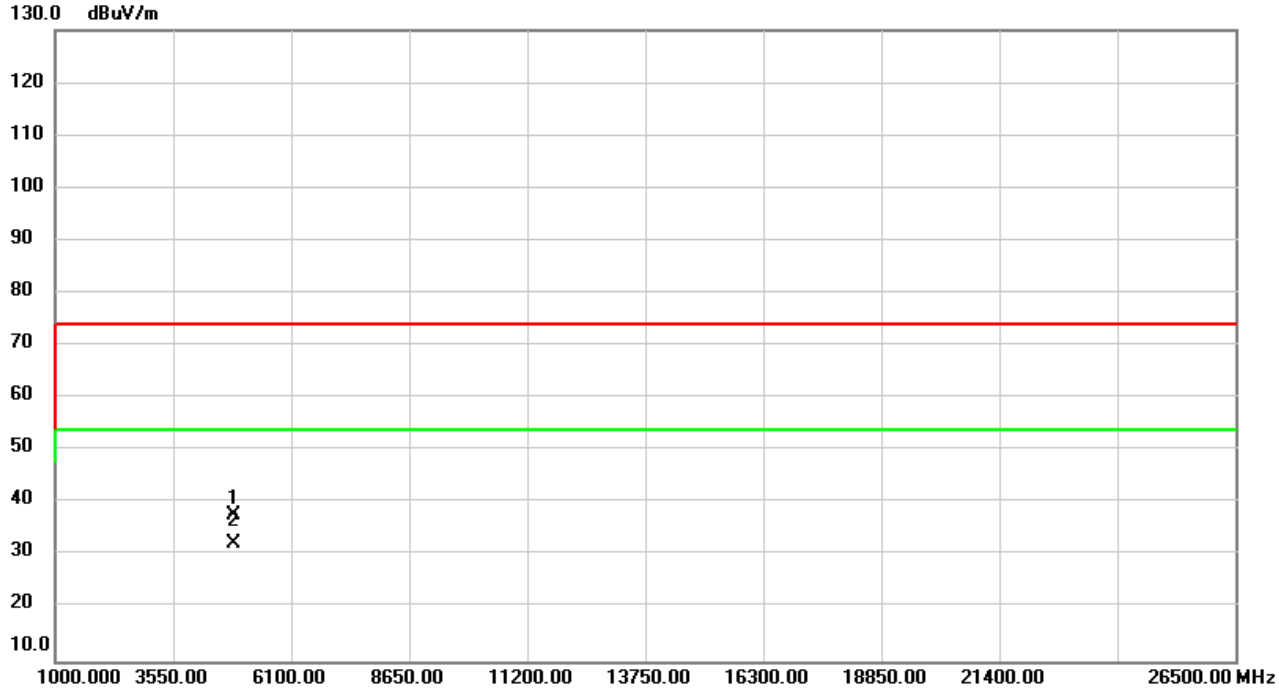
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.13	0.89	39.02	74.00	-34.98	peak	
2	*	4874.000	30.99	0.89	31.88	54.00	-22.12	AVG	

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

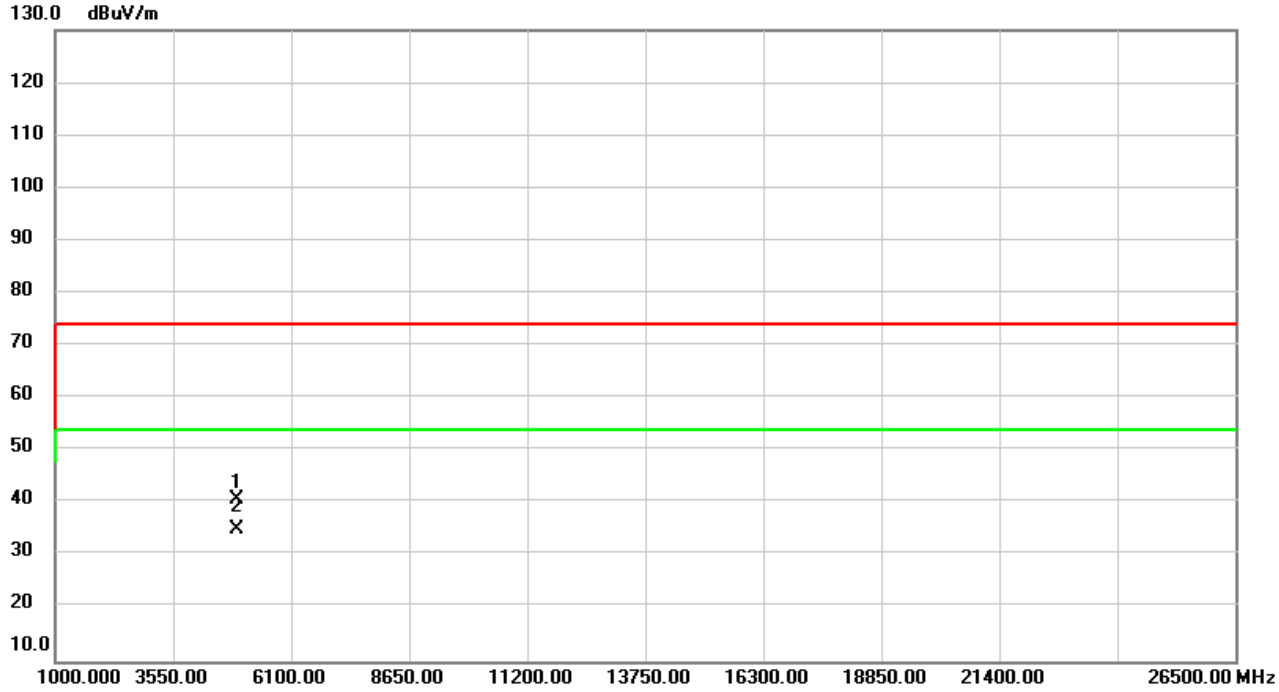
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	37.01	0.89	37.90	74.00	-36.10	peak	
2	*	4874.000	31.58	0.89	32.47	54.00	-21.53	AVG	

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

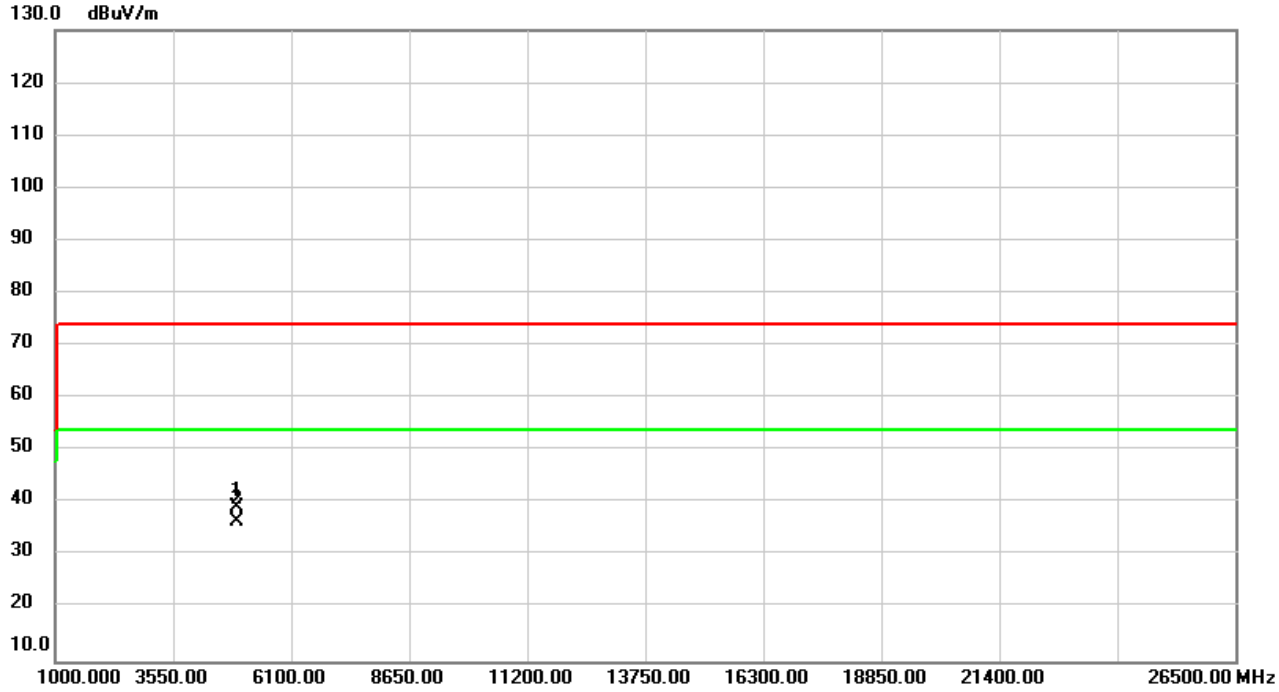
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	39.82	1.07	40.89	74.00	-33.11	peak	
2	*	4924.000	34.11	1.07	35.18	54.00	-18.82	AVG	

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

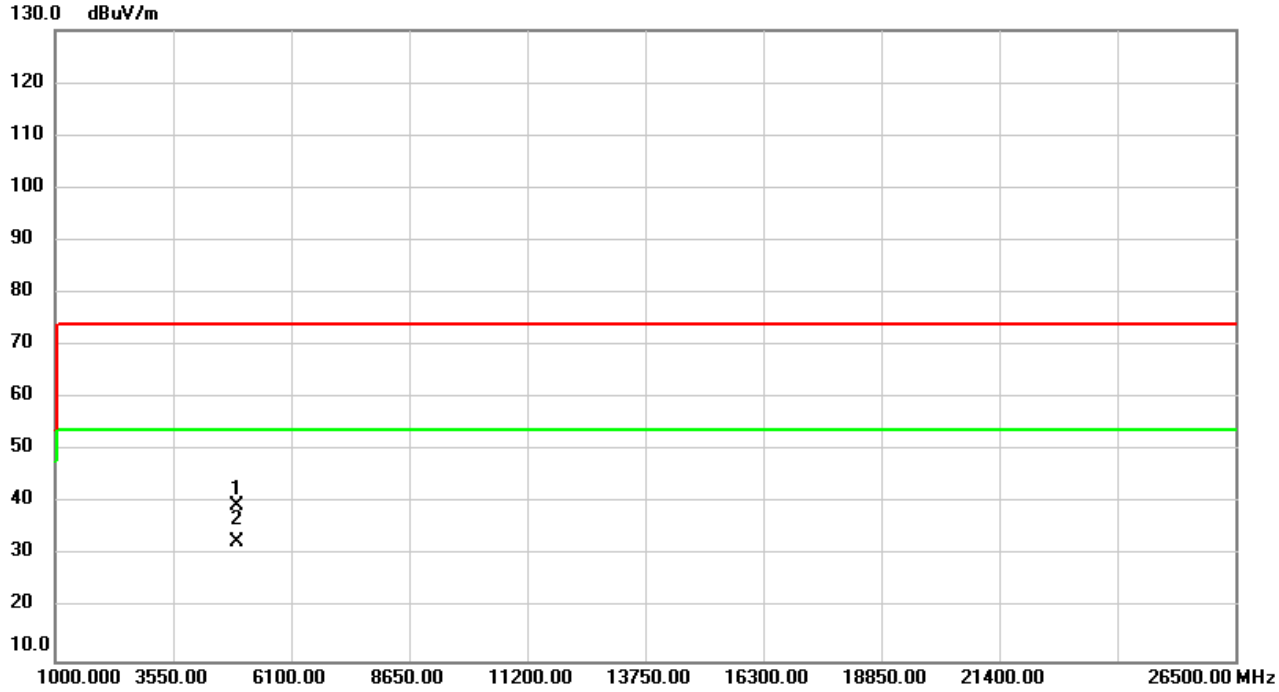
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	38.07	1.07	39.14	74.00	-34.86	peak	
2	*	4924.000	35.57	1.07	36.64	54.00	-17.36	AVG	

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

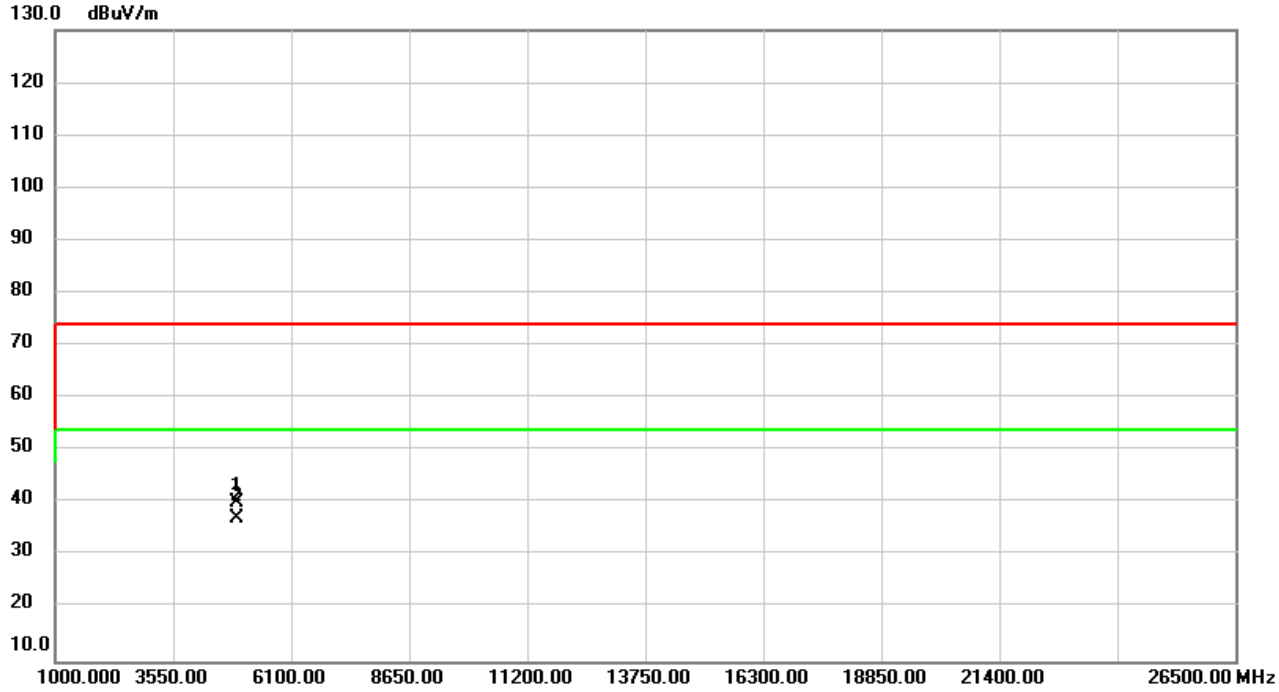
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.53	1.10	39.63	74.00	-34.37	peak	
2	*	4934.000	31.67	1.10	32.77	54.00	-21.23	AVG	

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

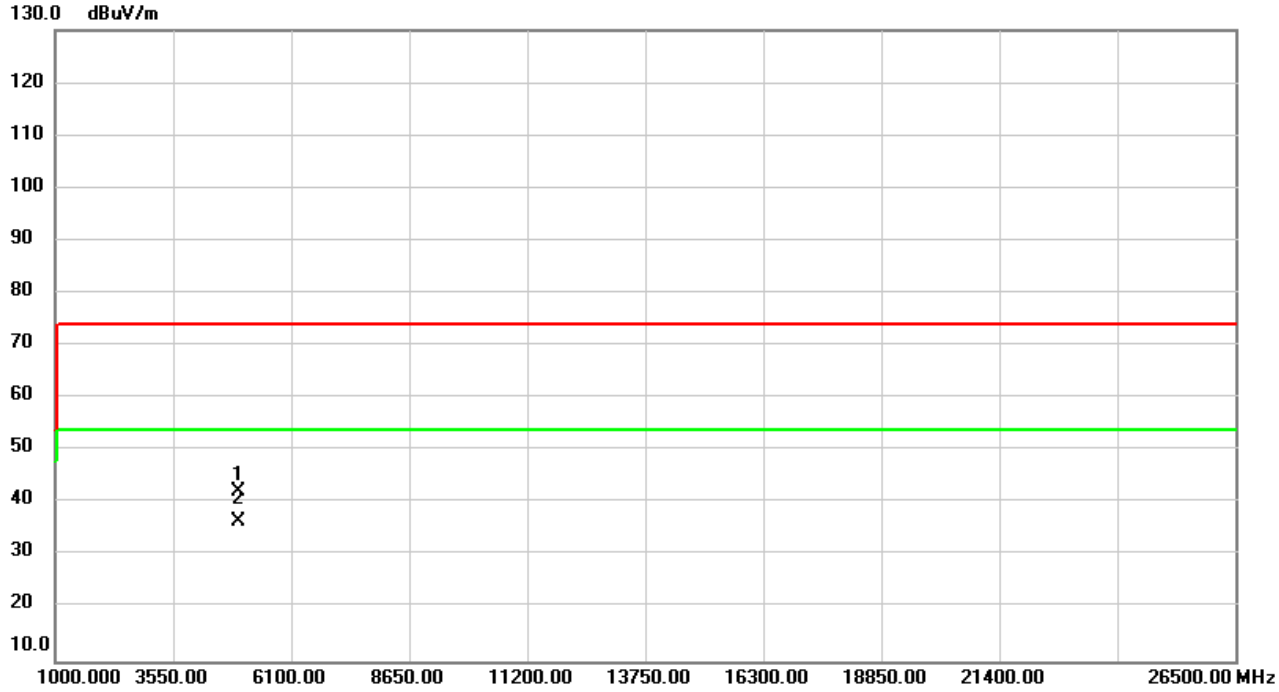
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.93	1.10	40.03	74.00	-33.97	peak	
2	*	4934.000	36.16	1.10	37.26	54.00	-16.74	AVG	

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

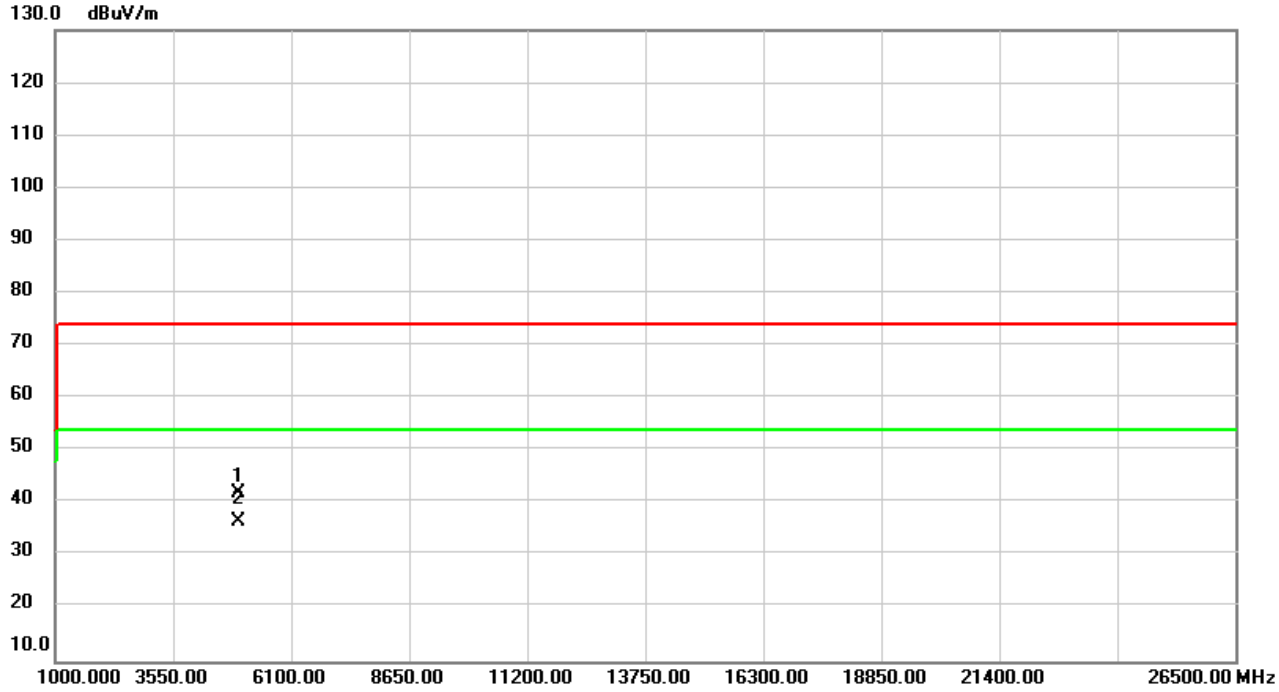
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	41.09	1.13	42.22	74.00	-31.78	peak	
2	*	4944.000	35.37	1.13	36.50	54.00	-17.50	AVG	

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

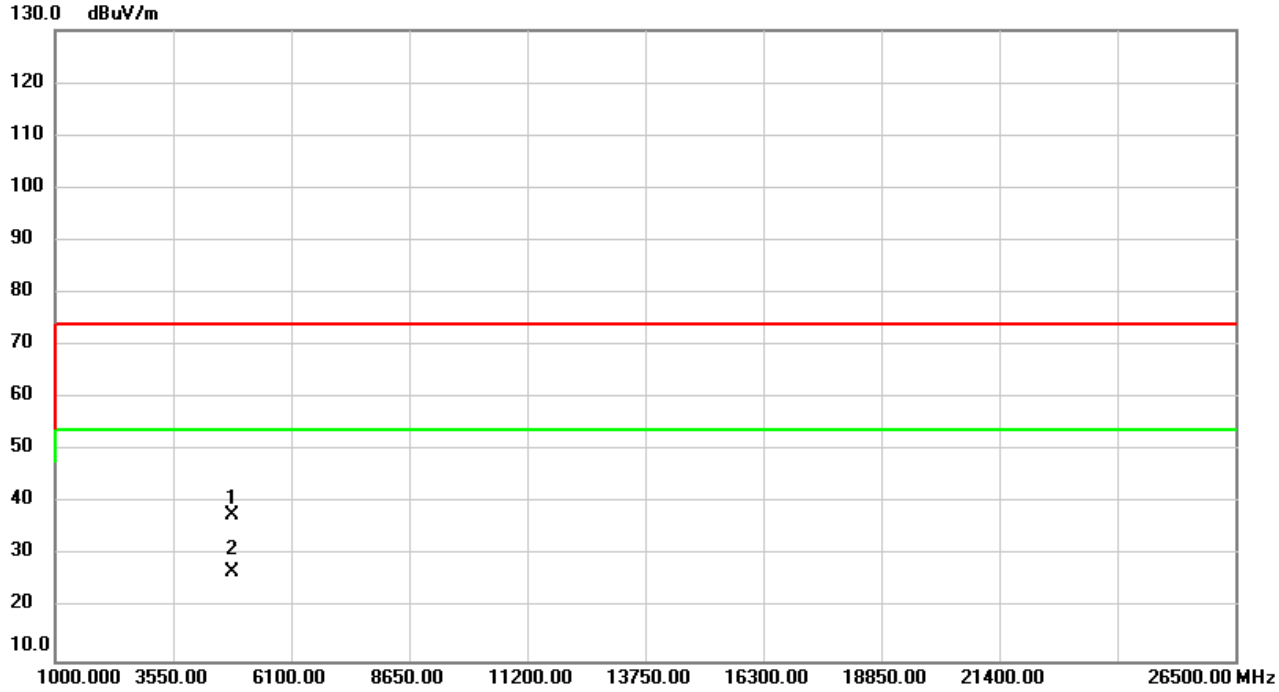
Test Mode	IEEE 802.11b	Test Date	2023/1/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	40.81	1.13	41.94	74.00	-32.06	peak	
2	*	4944.000	35.31	1.13	36.44	54.00	-17.56	AVG	

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

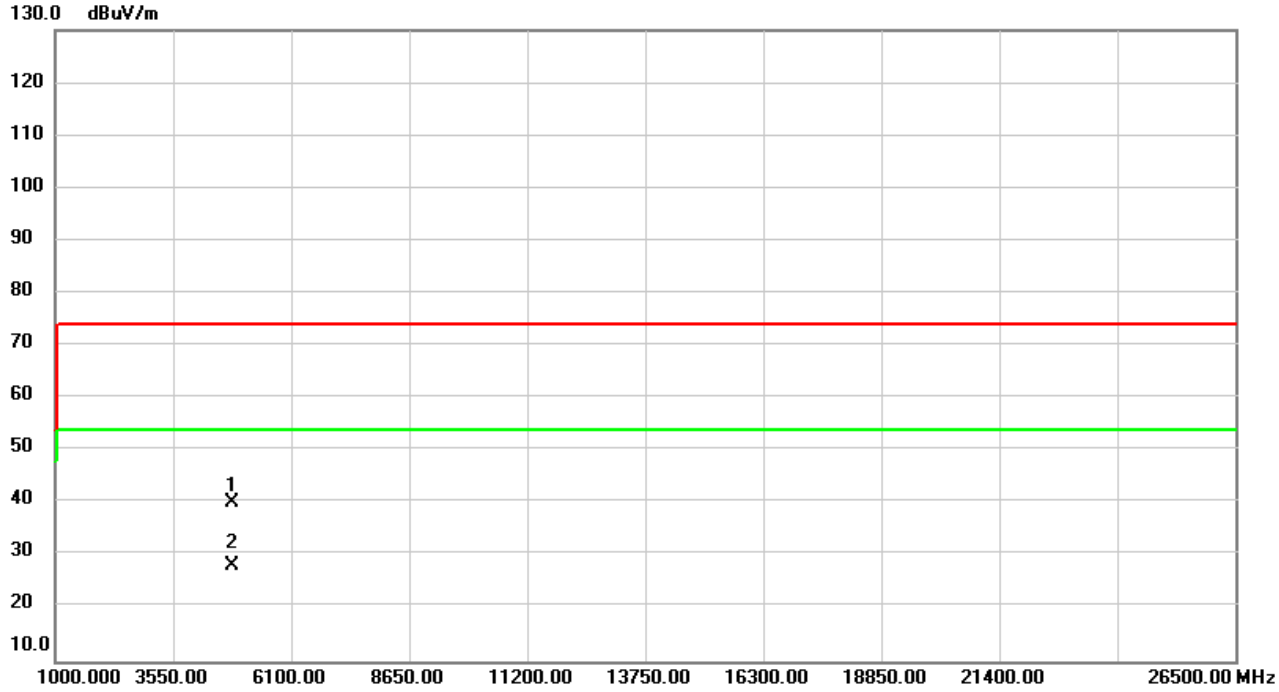
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	37.18	0.72	37.90	74.00	-36.10	peak	
2	*	4824.000	26.33	0.72	27.05	54.00	-26.95	AVG	

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

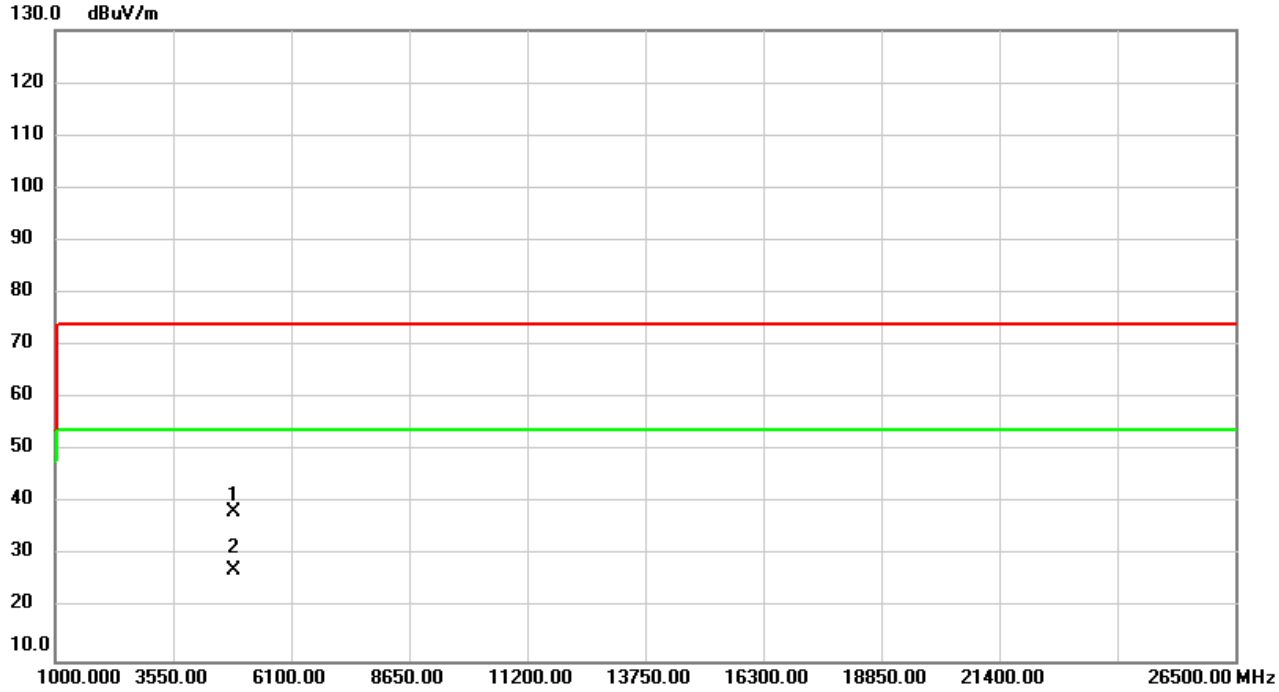
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	39.56	0.72	40.28	74.00	-33.72	peak	
2	*	4824.000	27.50	0.72	28.22	54.00	-25.78	AVG	

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

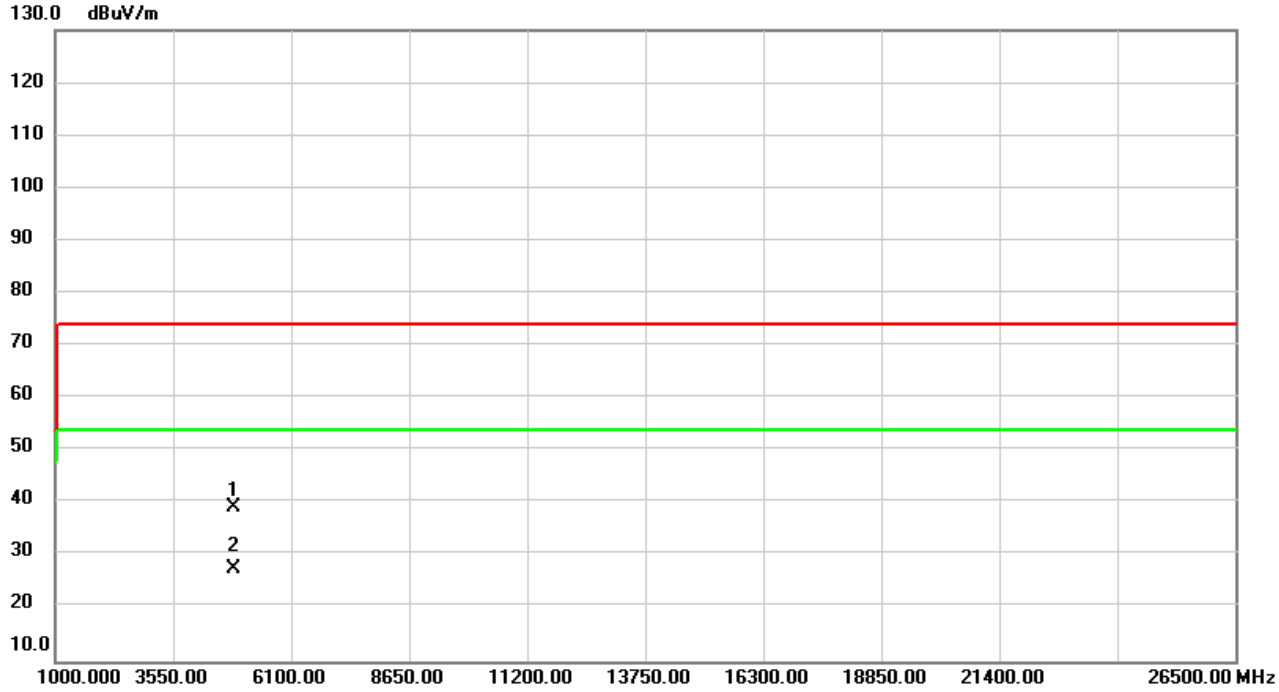
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	37.49	0.89	38.38	74.00	-35.62	peak	
2	*	4874.000	26.37	0.89	27.26	54.00	-26.74	AVG	

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

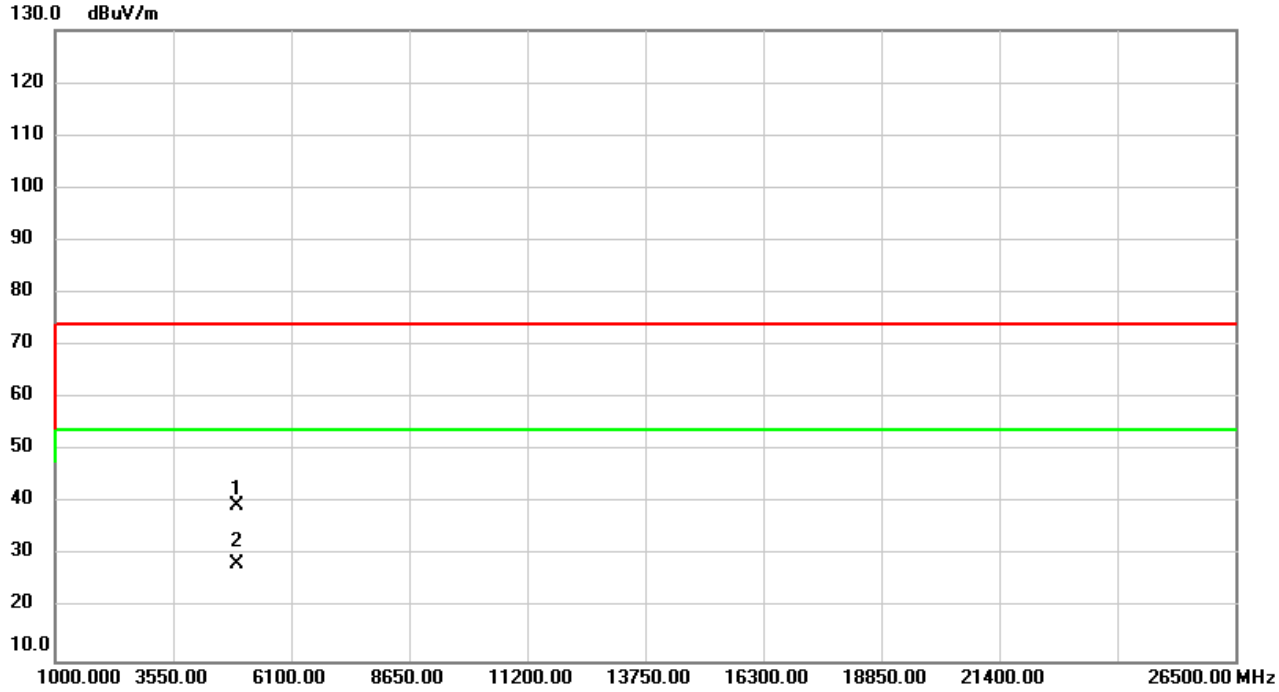
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.38	0.89	39.27	74.00	-34.73	peak	
2	*	4874.000	26.72	0.89	27.61	54.00	-26.39	AVG	

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

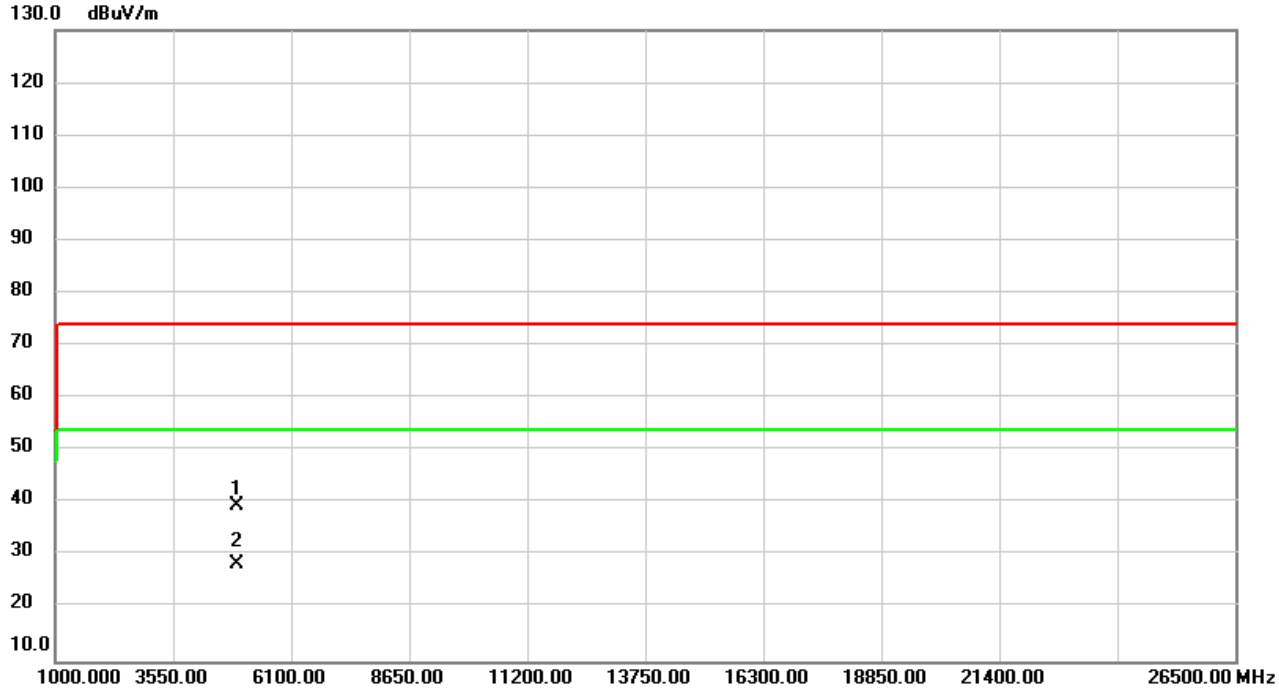
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	38.41	1.07	39.48	74.00	-34.52	peak	
2	*	4924.000	27.29	1.07	28.36	54.00	-25.64	AVG	

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

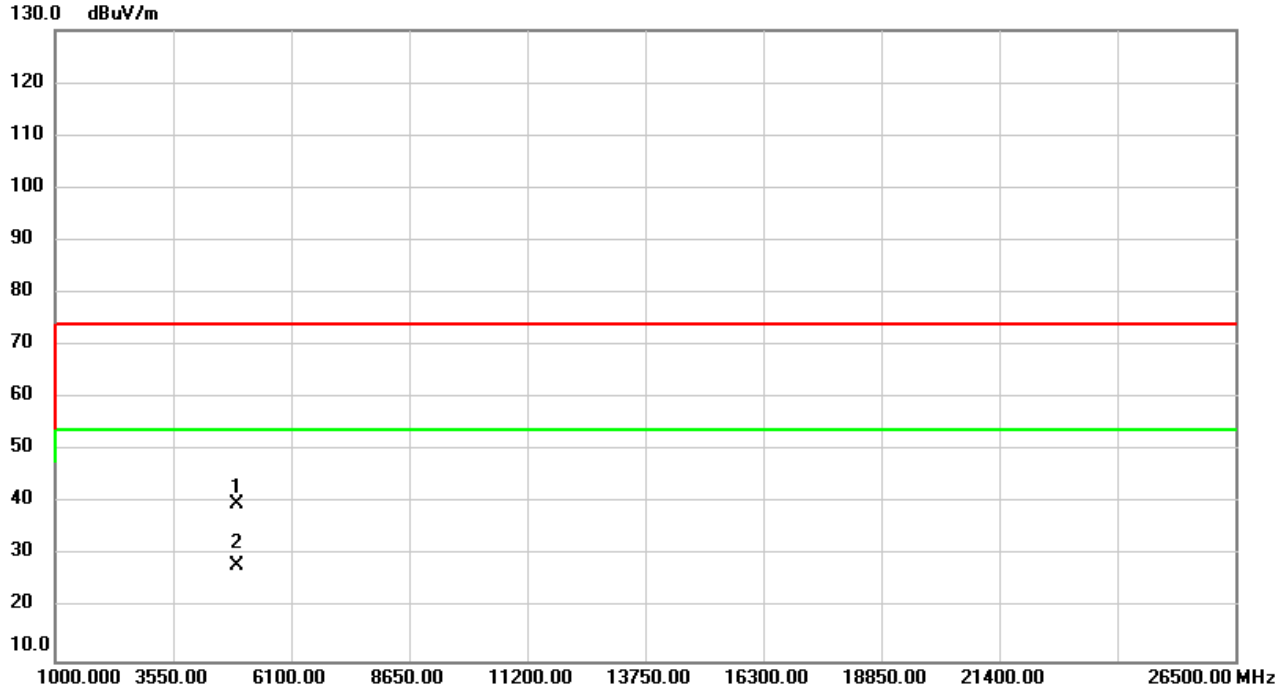
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	38.61	1.07	39.68	74.00	-34.32	peak	
2	*	4924.000	27.32	1.07	28.39	54.00	-25.61	AVG	

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

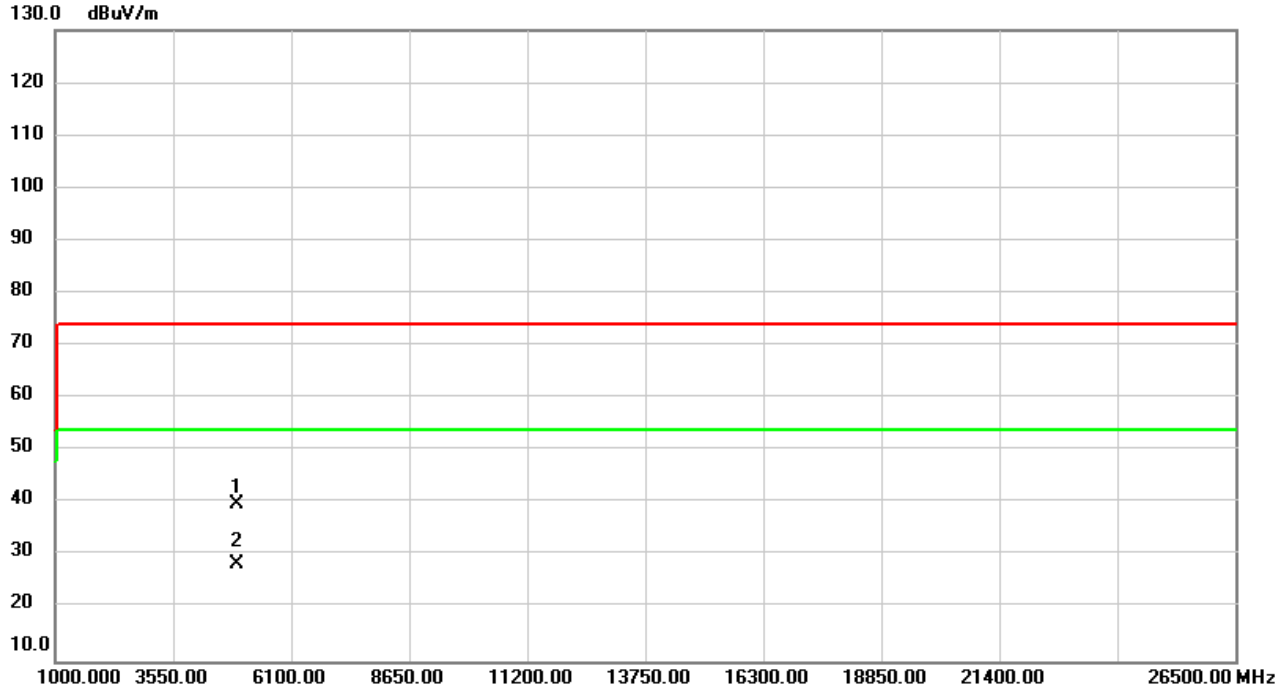
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.66	1.10	39.76	74.00	-34.24	peak	
2	*	4934.000	27.09	1.10	28.19	54.00	-25.81	AVG	

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

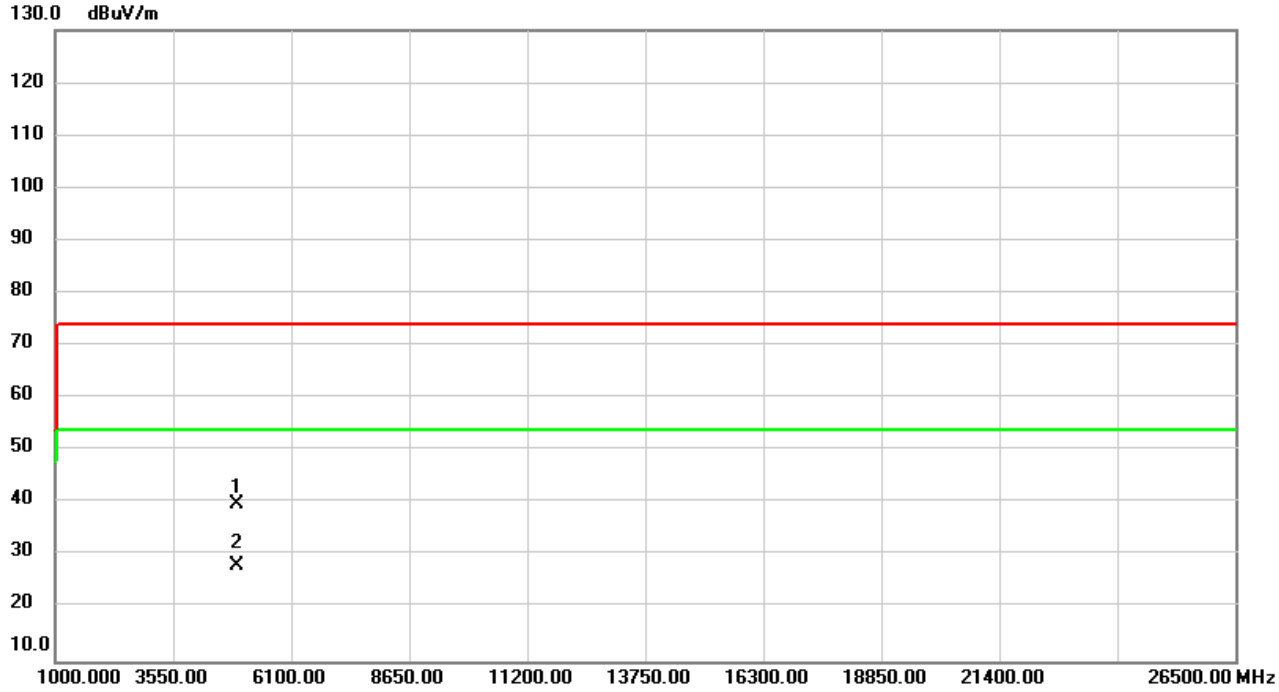
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.62	1.10	39.72	74.00	-34.28	peak	
2	*	4934.000	27.26	1.10	28.36	54.00	-25.64	AVG	

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

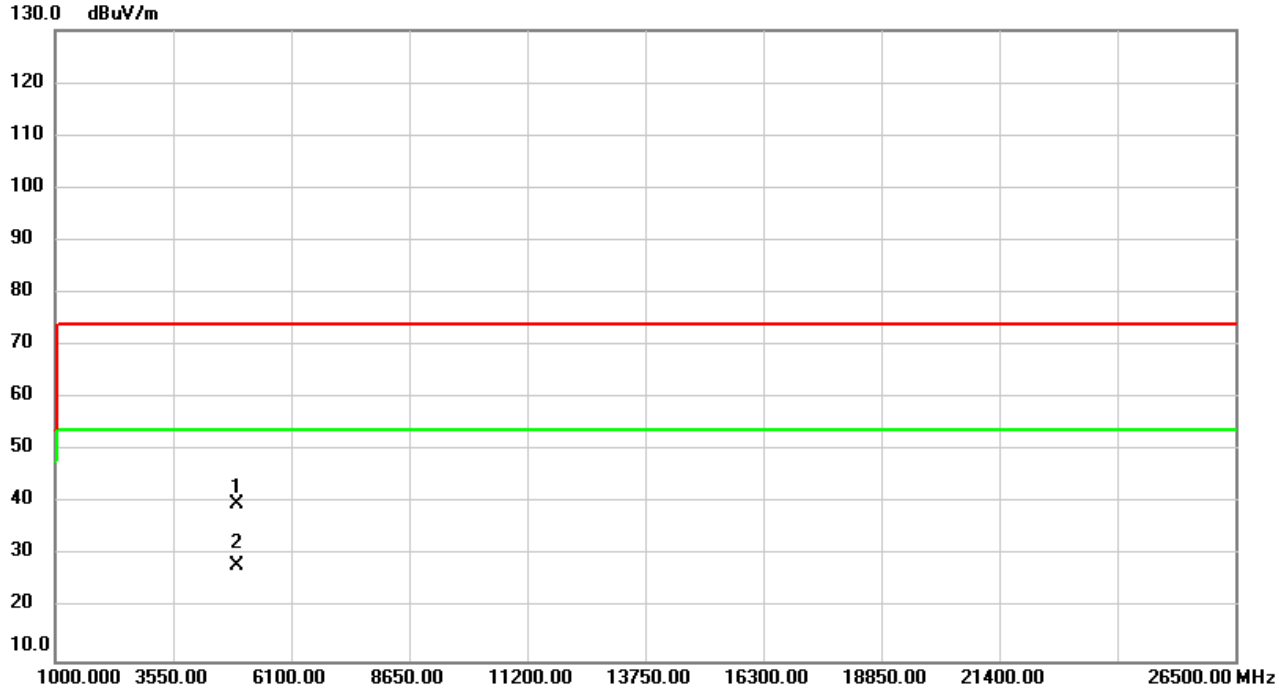
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.73	1.10	39.83	74.00	-34.17	peak	
2	*	4934.000	26.97	1.10	28.07	54.00	-25.93	AVG	

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

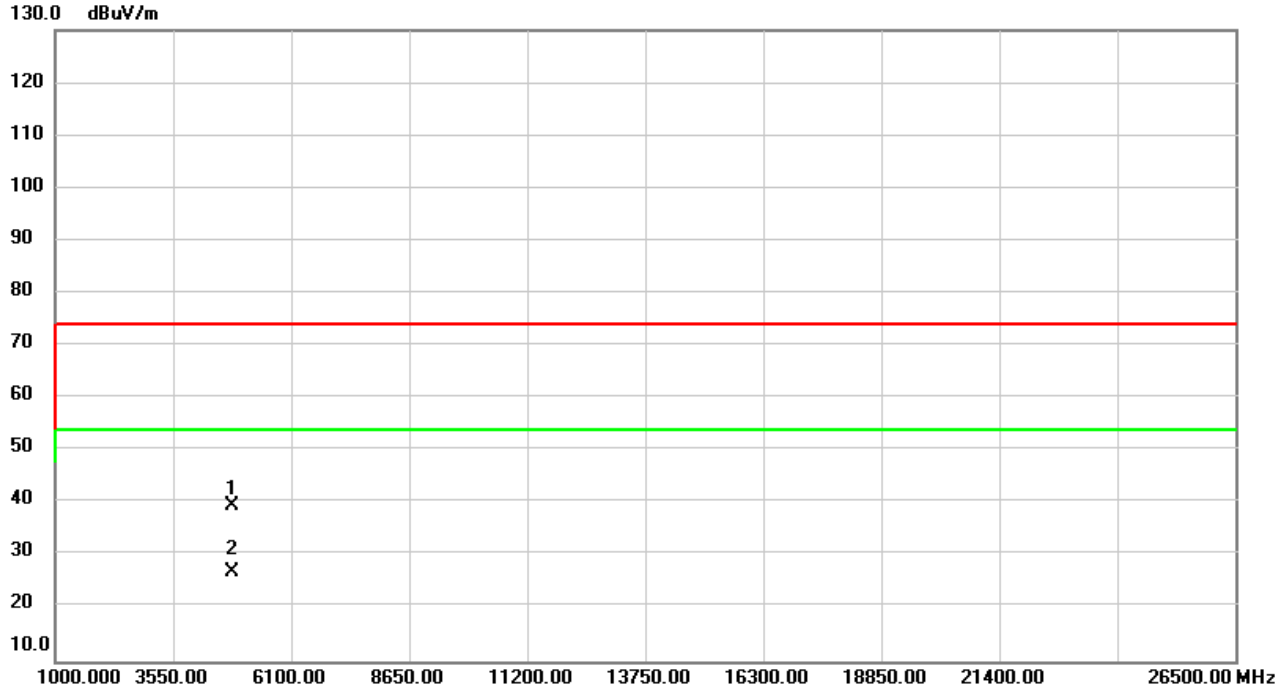
Test Mode	IEEE 802.11g	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.60	1.10	39.70	74.00	-34.30	peak	
2	*	4934.000	27.12	1.10	28.22	54.00	-25.78	AVG	

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

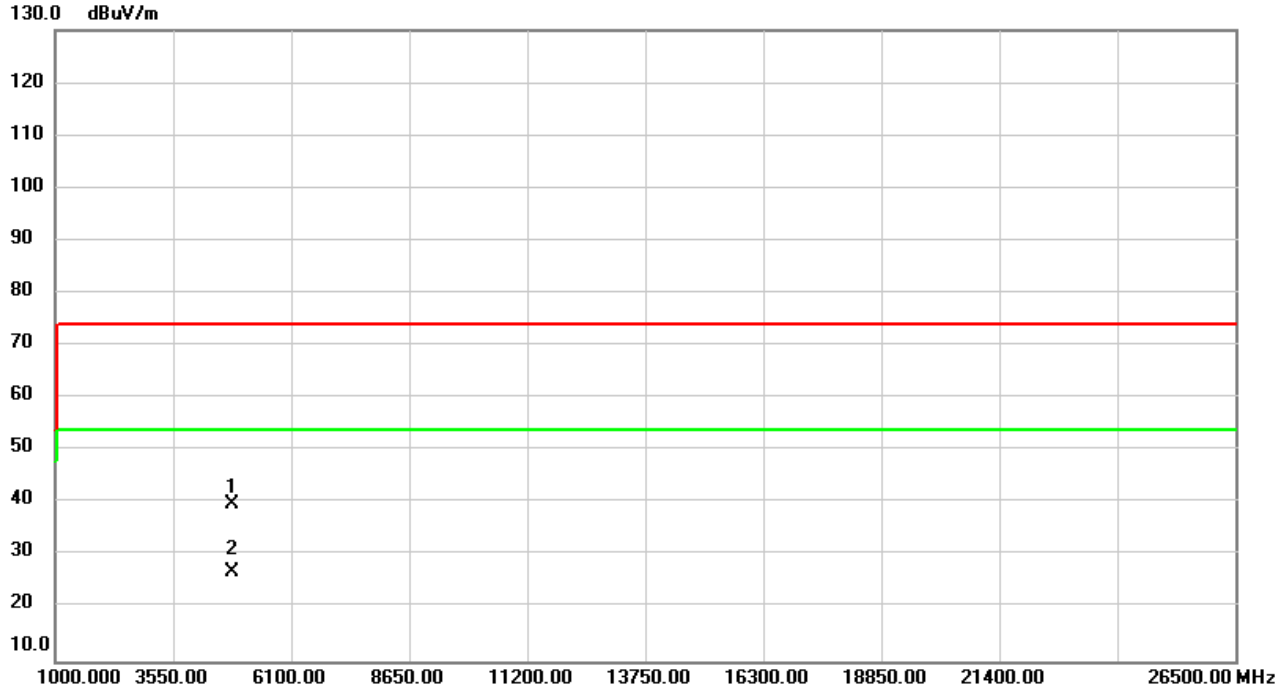
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	38.94	0.72	39.66	74.00	-34.34	peak	
2	*	4824.000	26.27	0.72	26.99	54.00	-27.01	AVG	

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

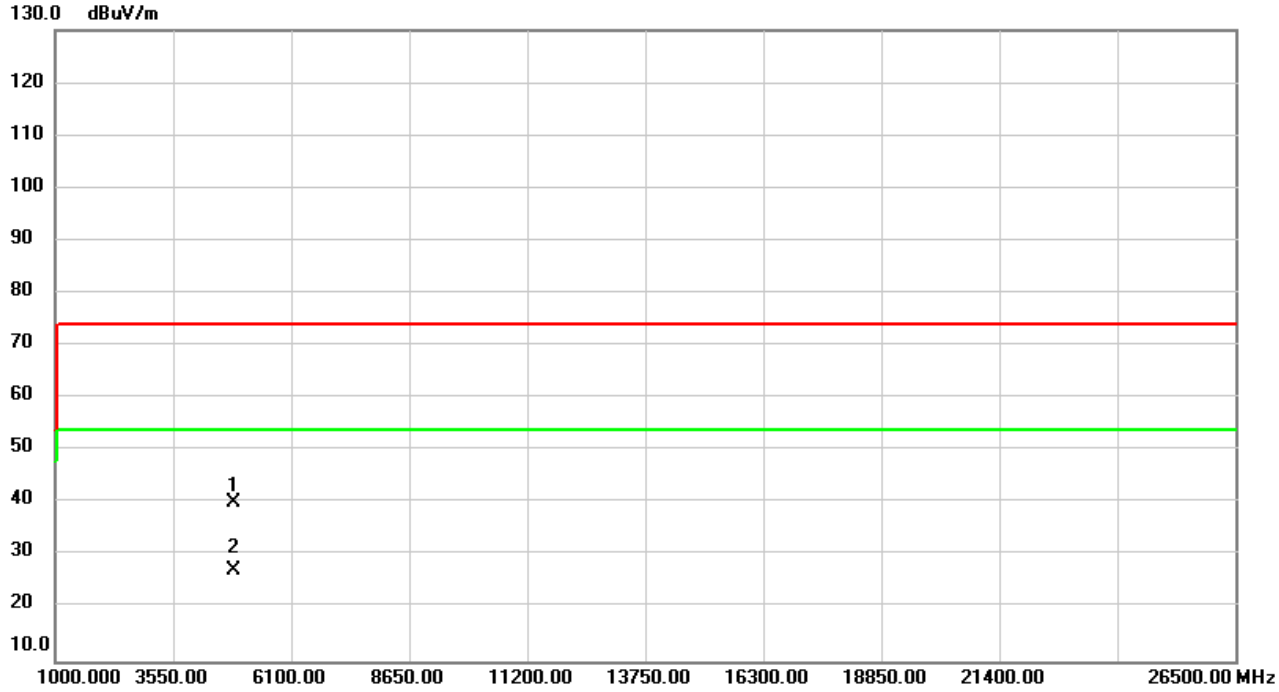
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	39.06	0.72	39.78	74.00	-34.22	peak	
2	*	4824.000	26.14	0.72	26.86	54.00	-27.14	AVG	

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

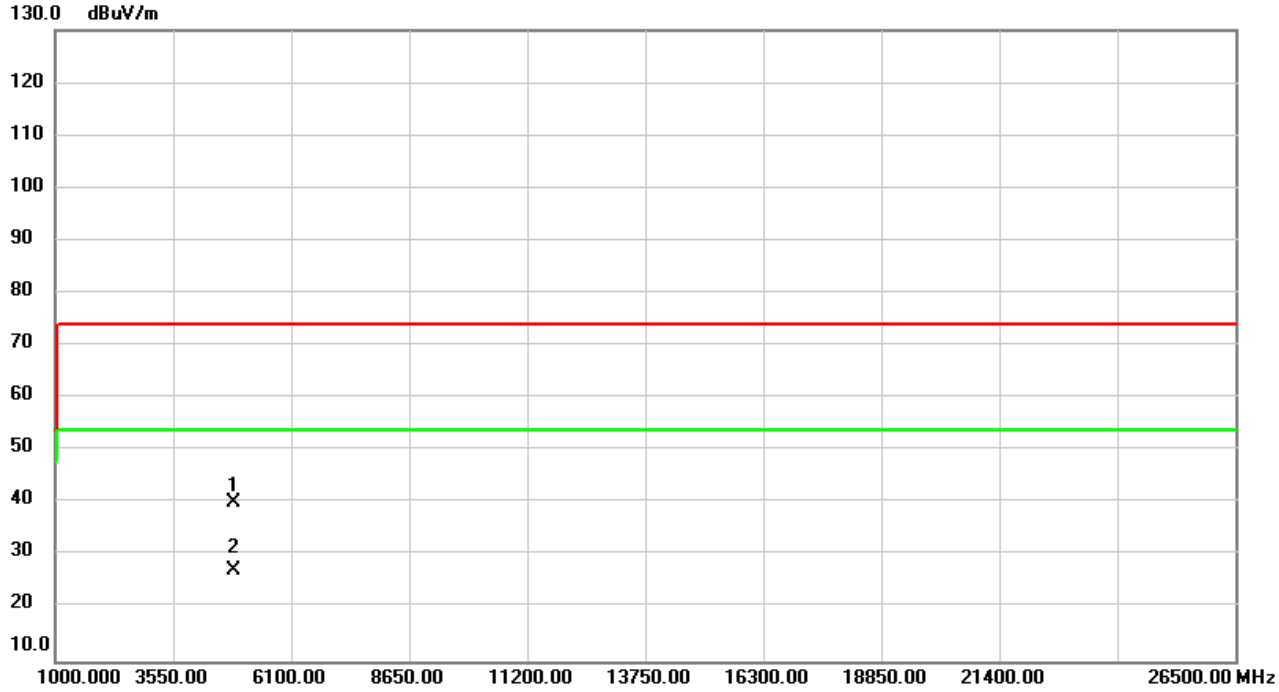
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	39.41	0.89	40.30	74.00	-33.70	peak	
2	*	4874.000	26.35	0.89	27.24	54.00	-26.76	AVG	

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

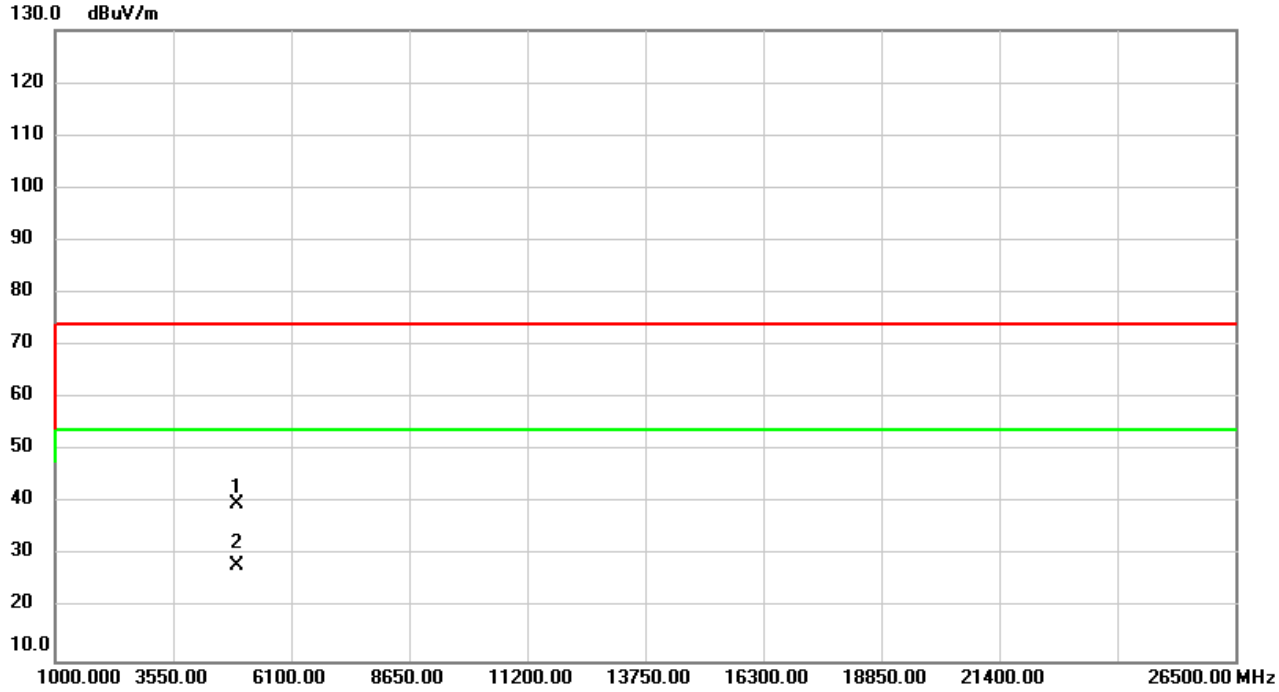
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	39.29	0.89	40.18	74.00	-33.82	peak	
2	*	4874.000	26.40	0.89	27.29	54.00	-26.71	AVG	

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

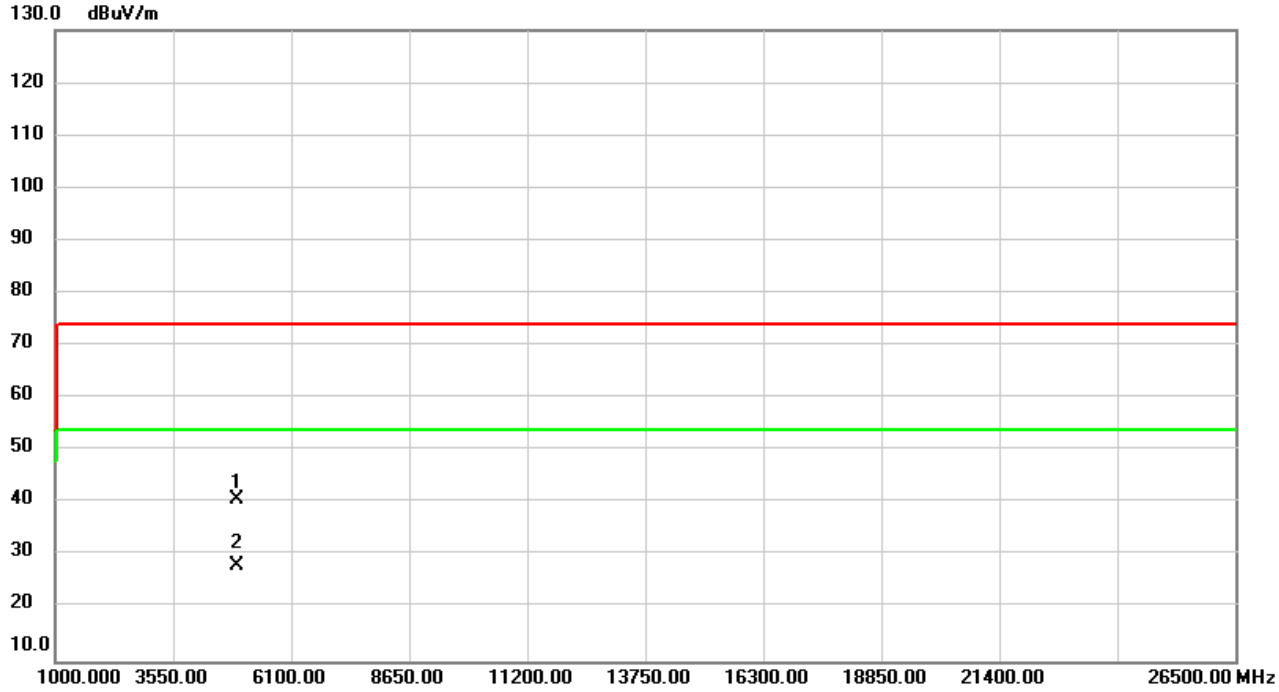
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	38.87	1.07	39.94	74.00	-34.06	peak	
2	*	4924.000	27.02	1.07	28.09	54.00	-25.91	AVG	

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

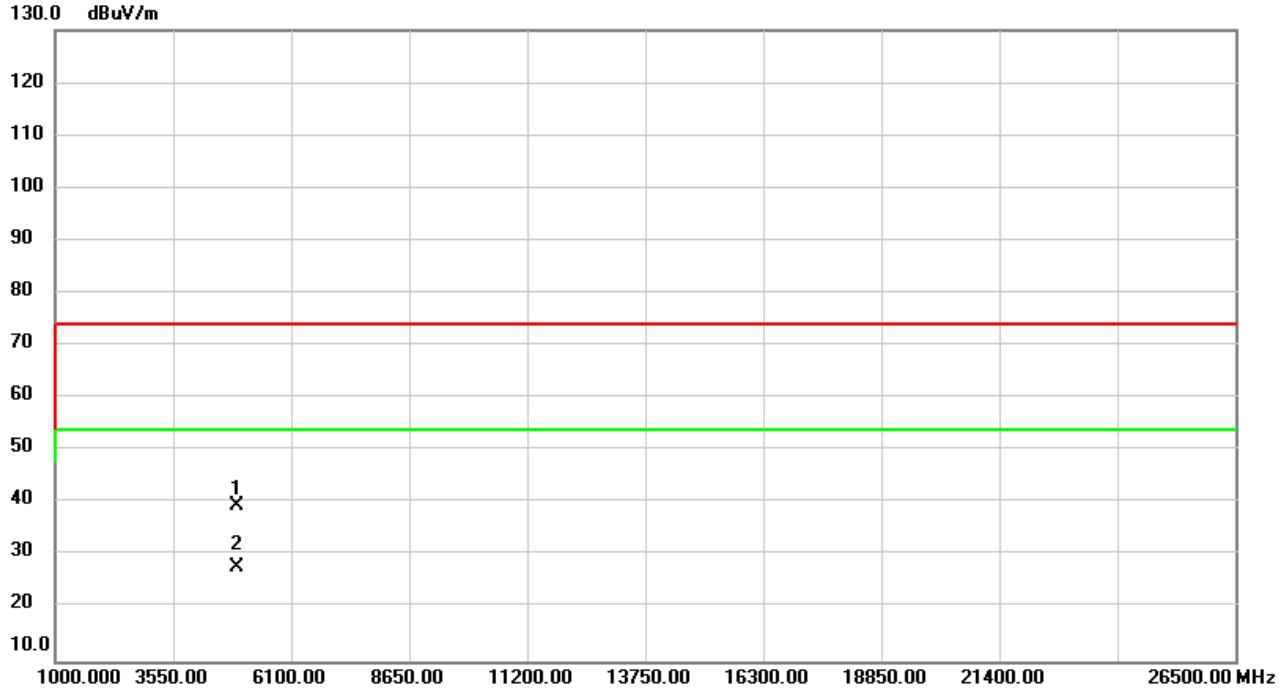
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	39.73	1.07	40.80	74.00	-33.20	peak	
2	*	4924.000	27.05	1.07	28.12	54.00	-25.88	AVG	

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

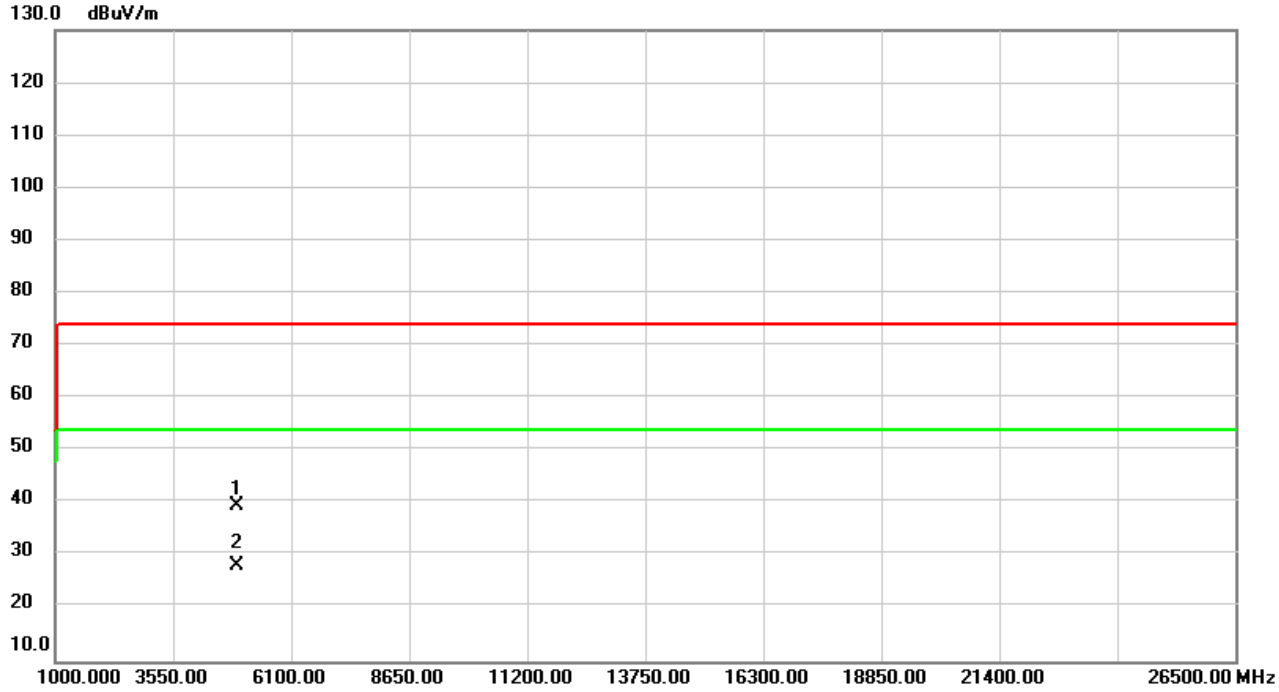
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.44	1.10	39.54	74.00	-34.46	peak	
2	*	4934.000	26.85	1.10	27.95	54.00	-26.05	AVG	

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

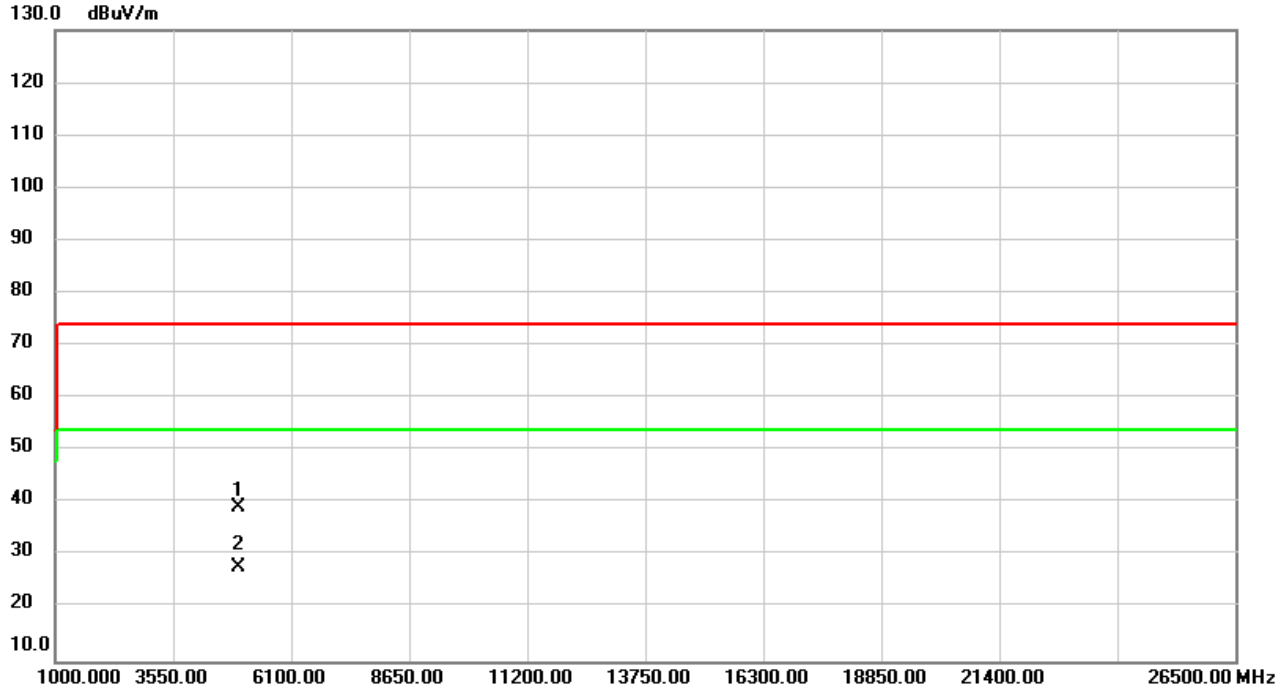
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.46	1.10	39.56	74.00	-34.44	peak	
2	*	4934.000	26.97	1.10	28.07	54.00	-25.93	AVG	

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

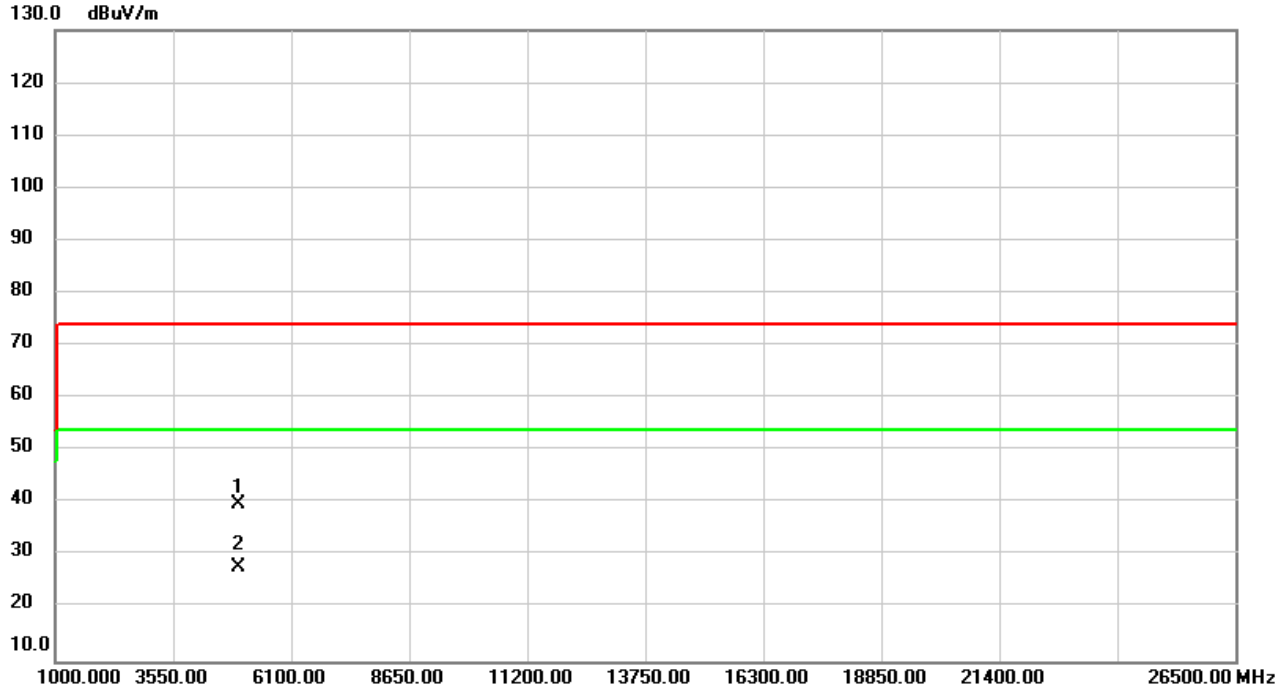
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	38.02	1.13	39.15	74.00	-34.85	peak	
2	*	4944.000	26.76	1.13	27.89	54.00	-26.11	AVG	

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

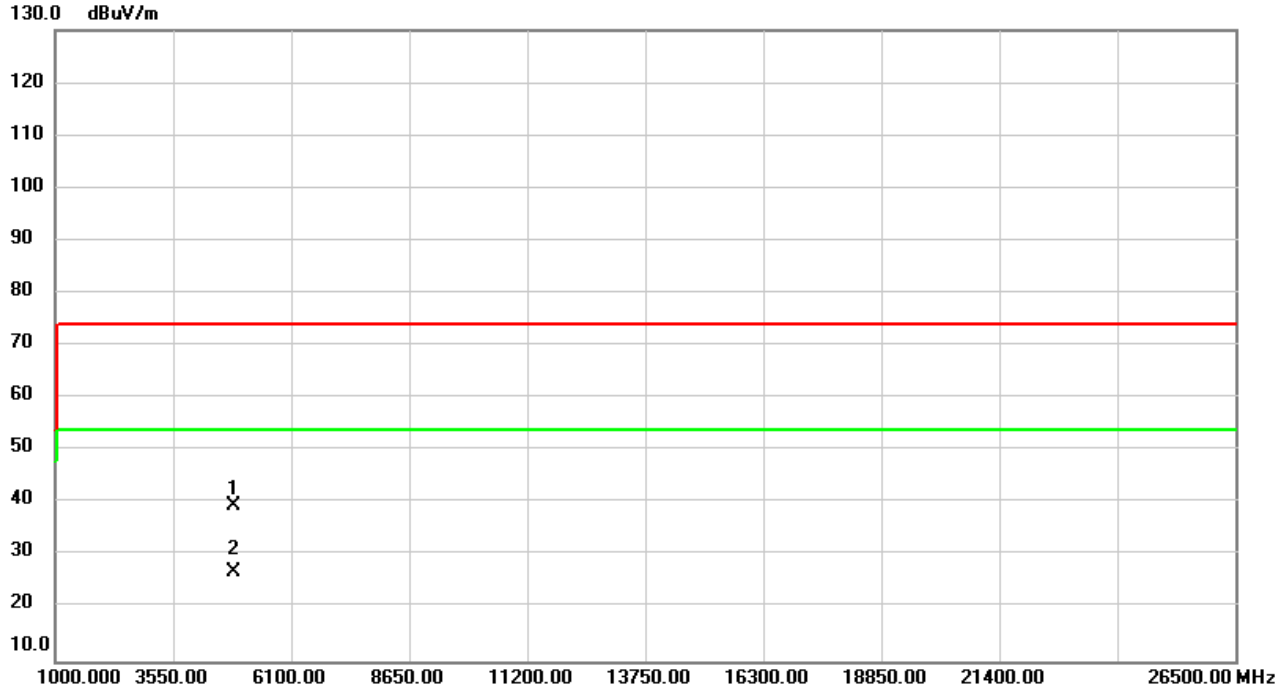
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/1/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	38.84	1.13	39.97	74.00	-34.03	peak	
2	*	4944.000	26.84	1.13	27.97	54.00	-26.03	AVG	

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

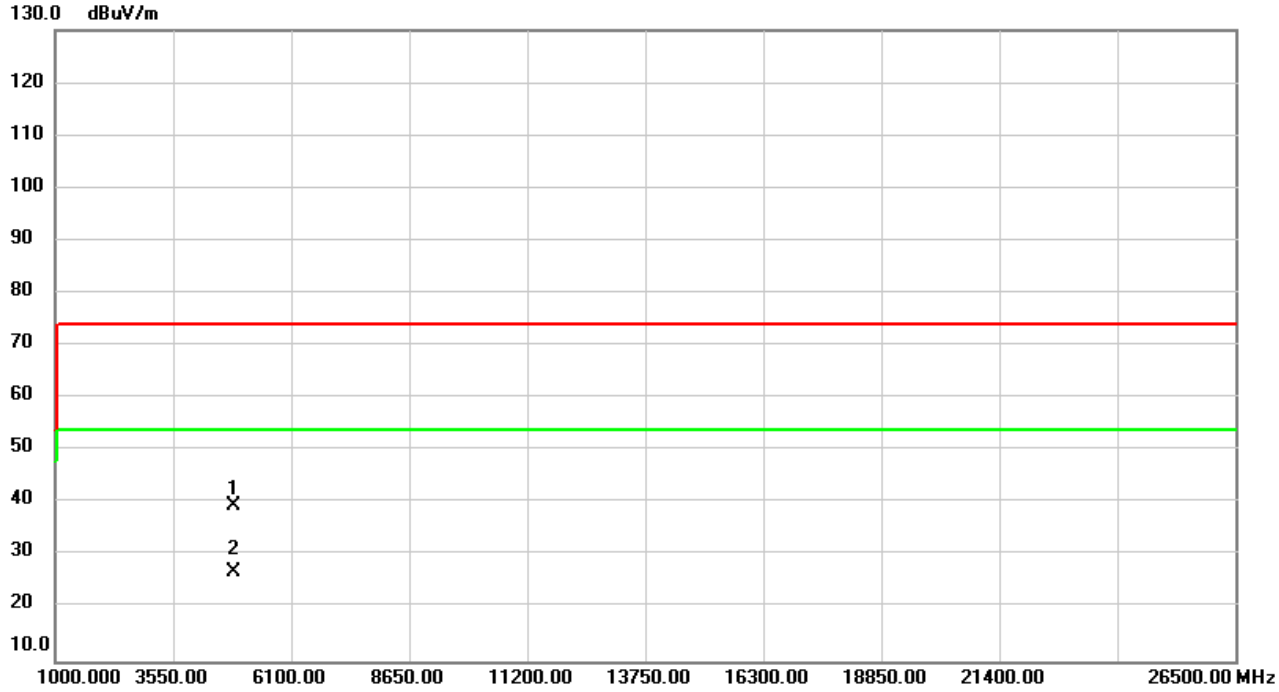
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2422MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	38.75	0.78	39.53	74.00	-34.47	peak	
2	*	4844.000	26.30	0.78	27.08	54.00	-26.92	AVG	

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

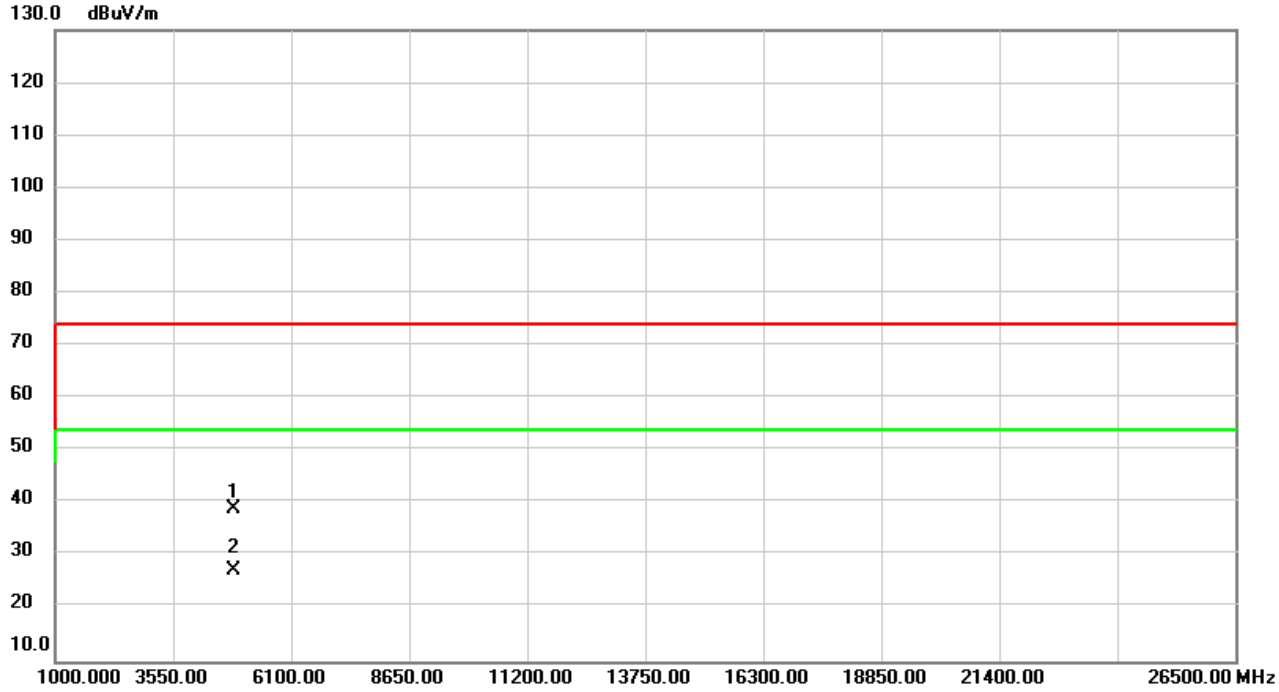
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	38.70	0.78	39.48	74.00	-34.52	peak	
2	*	4844.000	26.30	0.78	27.08	54.00	-26.92	AVG	

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

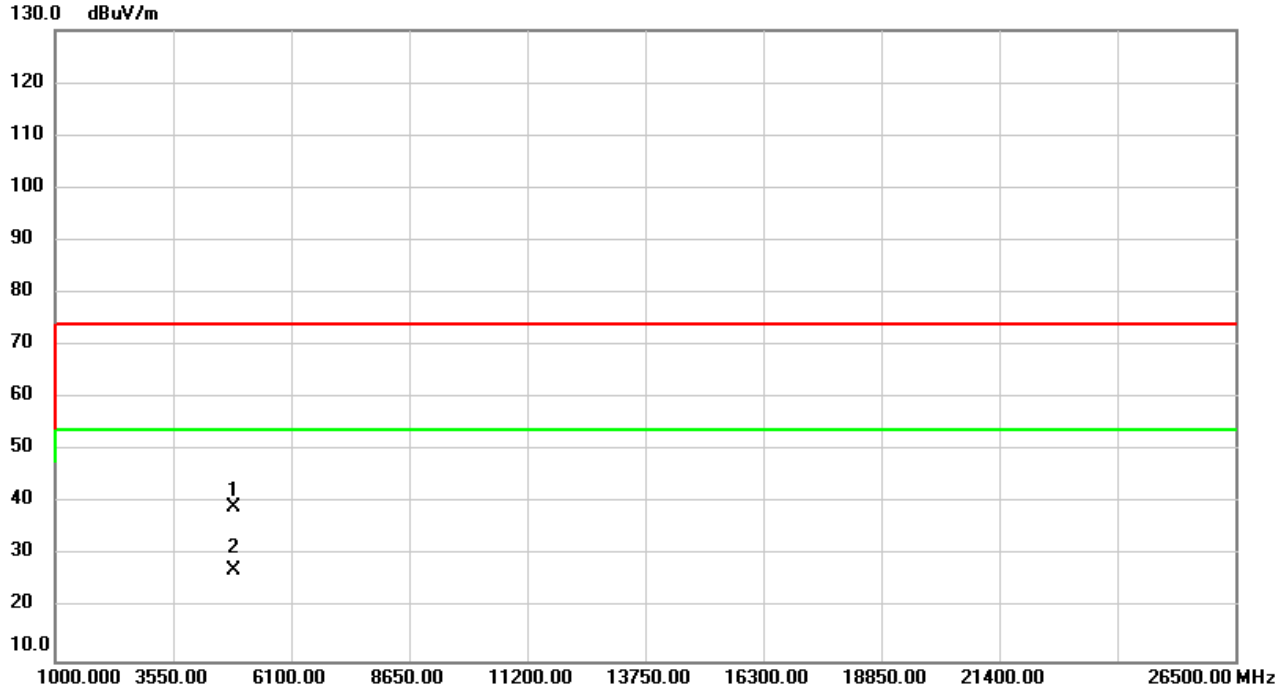
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	37.99	0.89	38.88	74.00	-35.12	peak	
2	*	4874.000	26.37	0.89	27.26	54.00	-26.74	AVG	

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

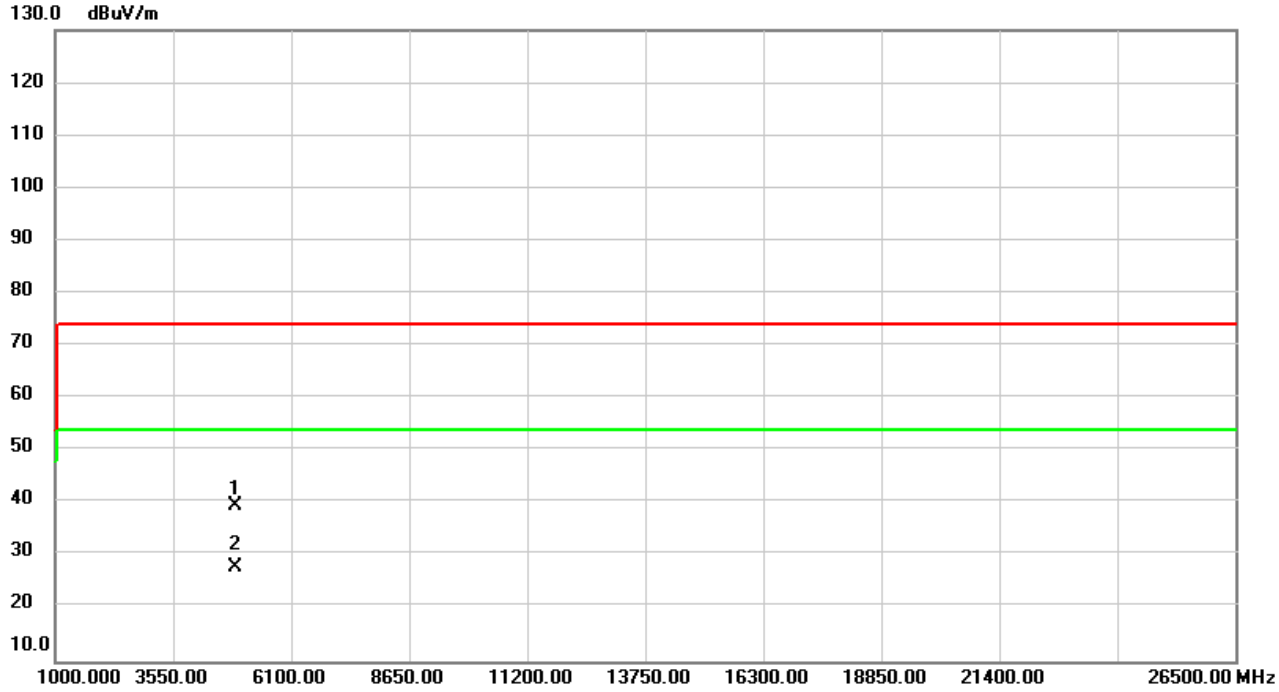
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.39	0.89	39.28	74.00	-34.72	peak	
2	*	4874.000	26.35	0.89	27.24	54.00	-26.76	AVG	

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

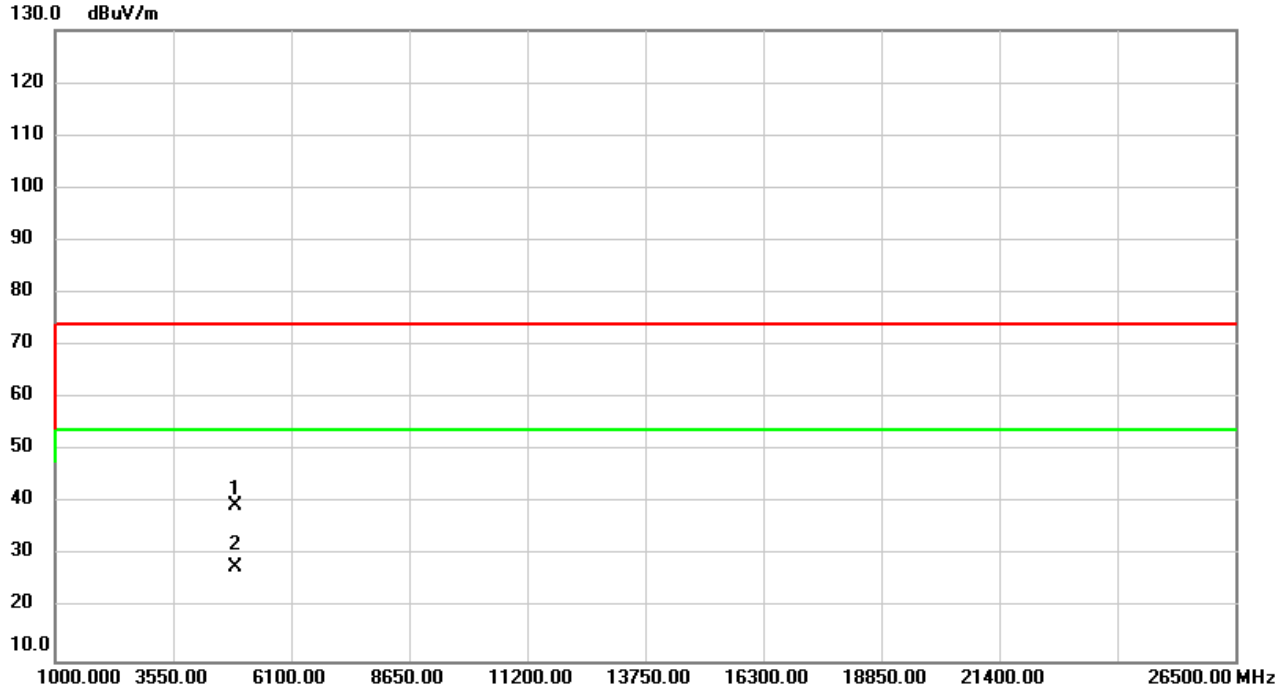
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2452MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	38.70	0.99	39.69	74.00	-34.31	peak	
2	*	4904.000	26.86	0.99	27.85	54.00	-26.15	AVG	

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

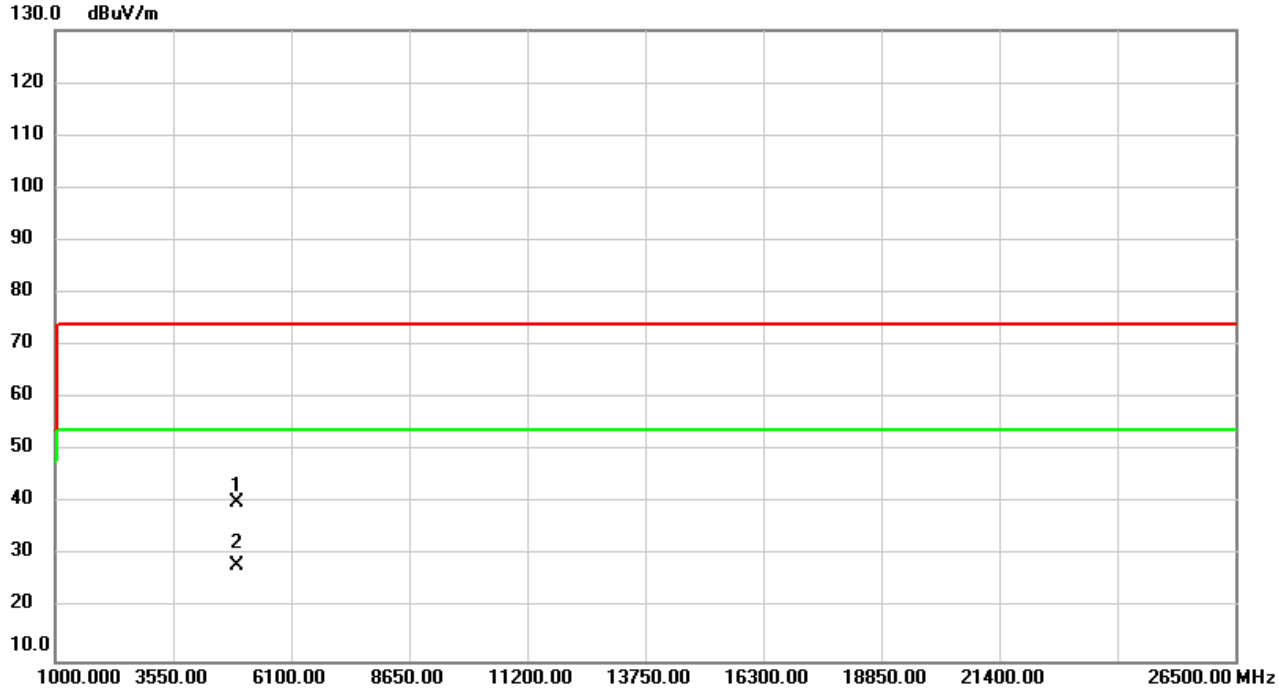
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	38.65	0.99	39.64	74.00	-34.36	peak	
2	*	4904.000	26.88	0.99	27.87	54.00	-26.13	AVG	

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

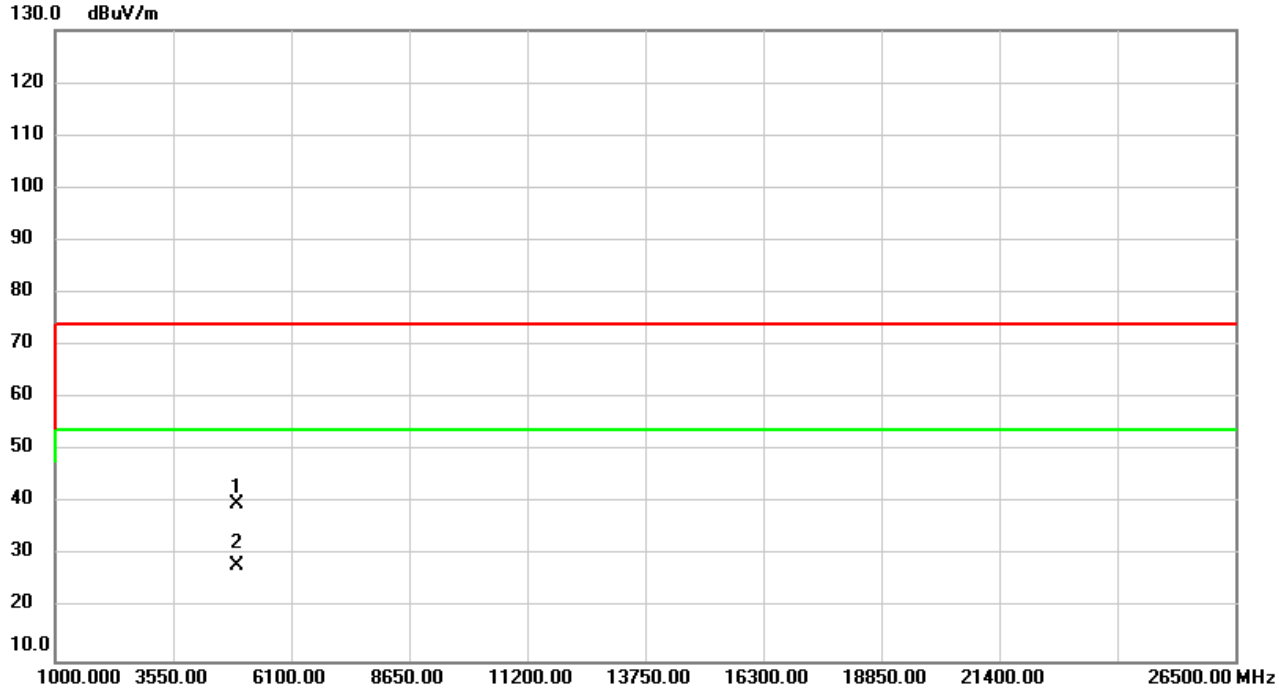
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2457MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	39.08	1.02	40.10	74.00	-33.90	peak	
2	*	4914.000	27.03	1.02	28.05	54.00	-25.95	AVG	

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

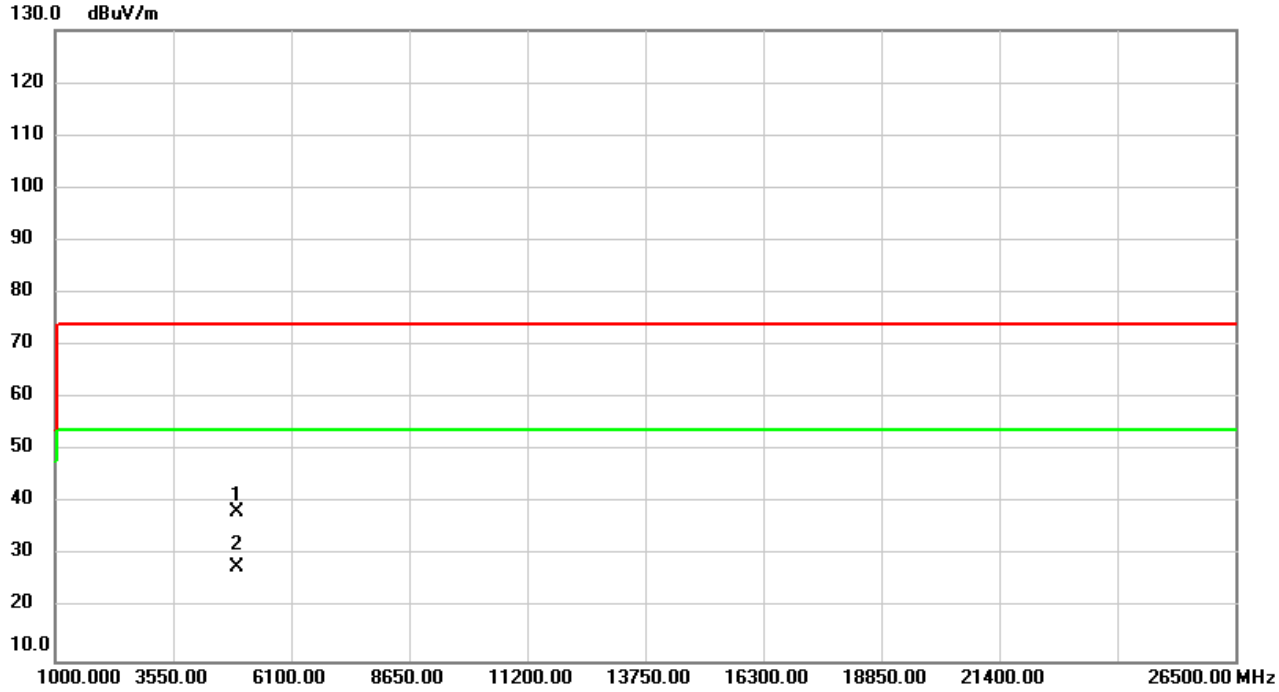
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	38.92	1.02	39.94	74.00	-34.06	peak	
2	*	4914.000	27.05	1.02	28.07	54.00	-25.93	AVG	

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

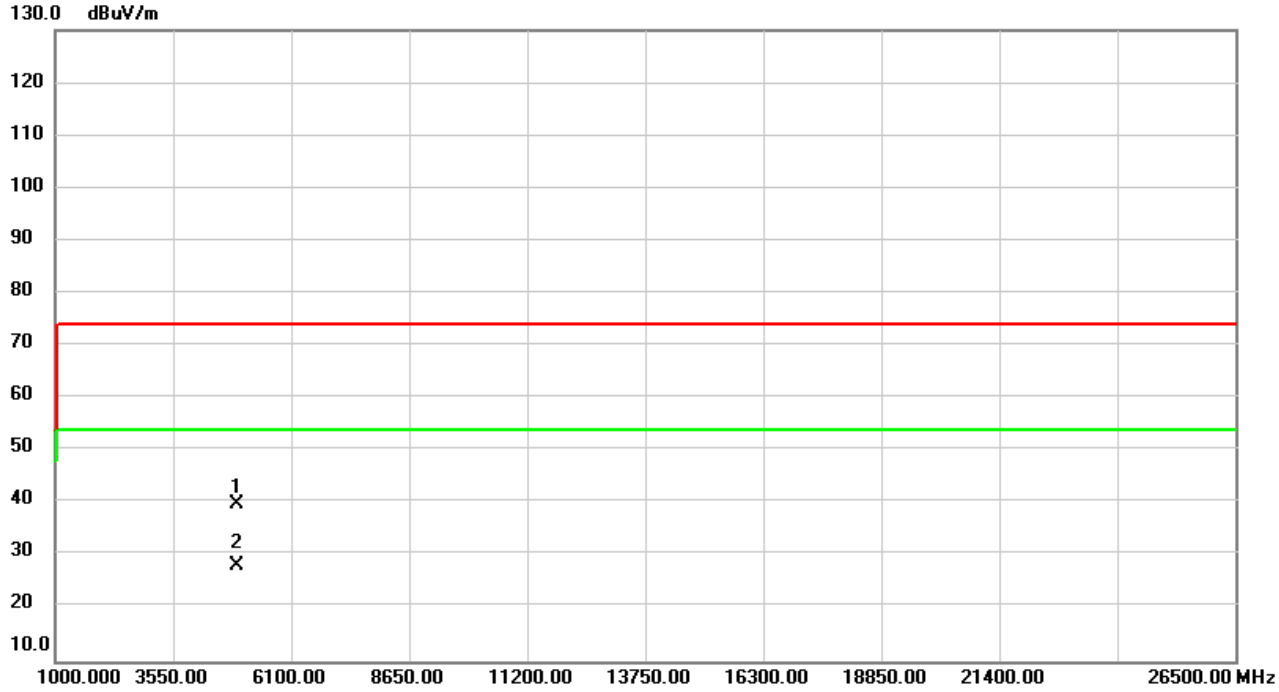
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	37.40	1.07	38.47	74.00	-35.53	peak	
2	*	4924.000	26.87	1.07	27.94	54.00	-26.06	AVG	

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

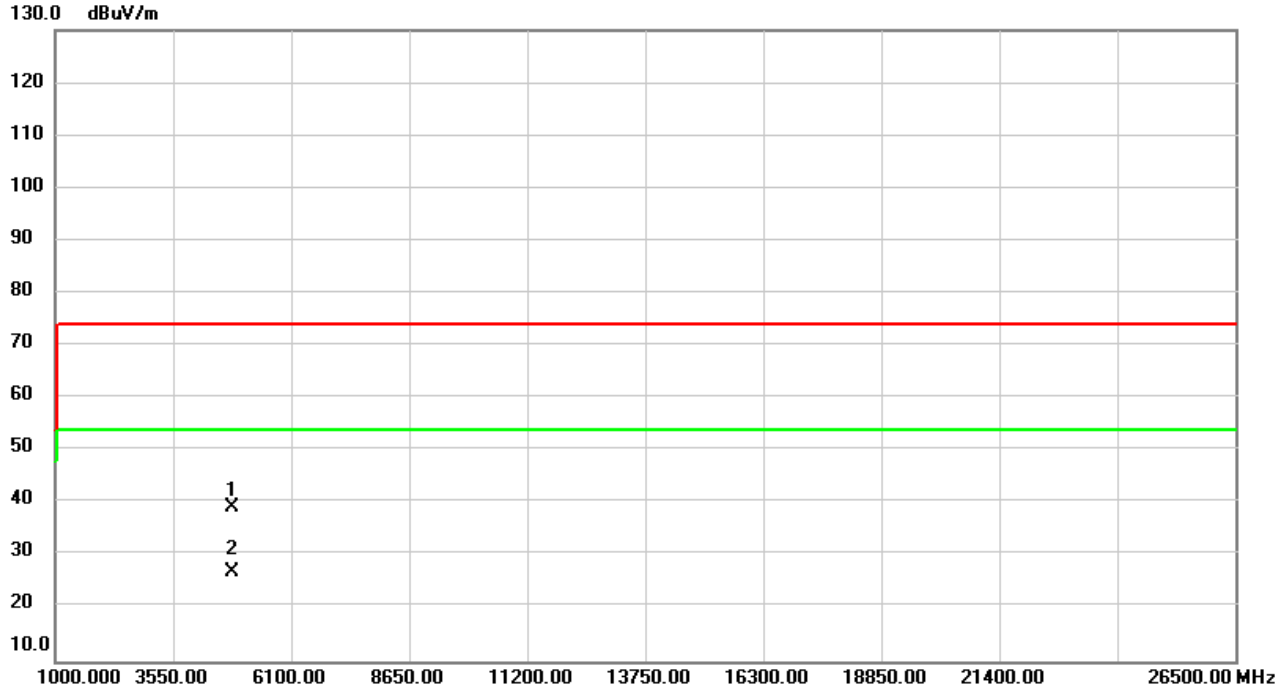
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	38.88	1.07	39.95	74.00	-34.05	peak	
2	*	4924.000	26.98	1.07	28.05	54.00	-25.95	AVG	

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

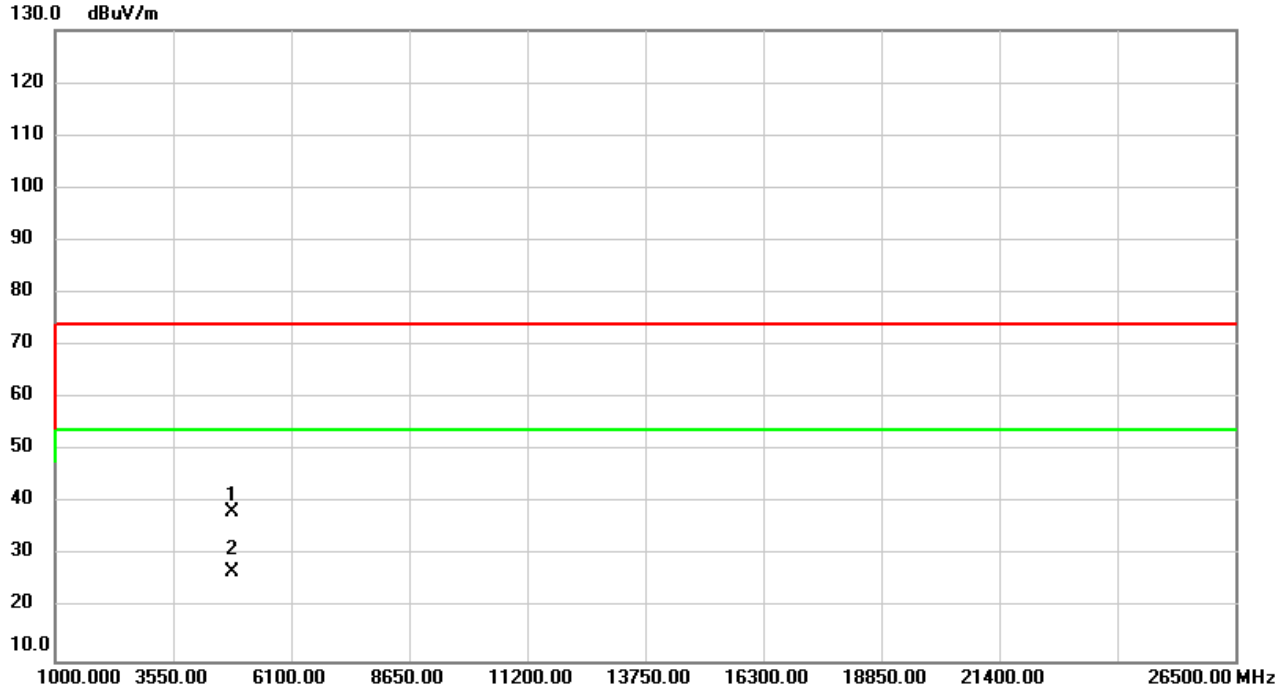
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	38.62	0.72	39.34	74.00	-34.66	peak	
2	*	4824.000	26.23	0.72	26.95	54.00	-27.05	AVG	

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

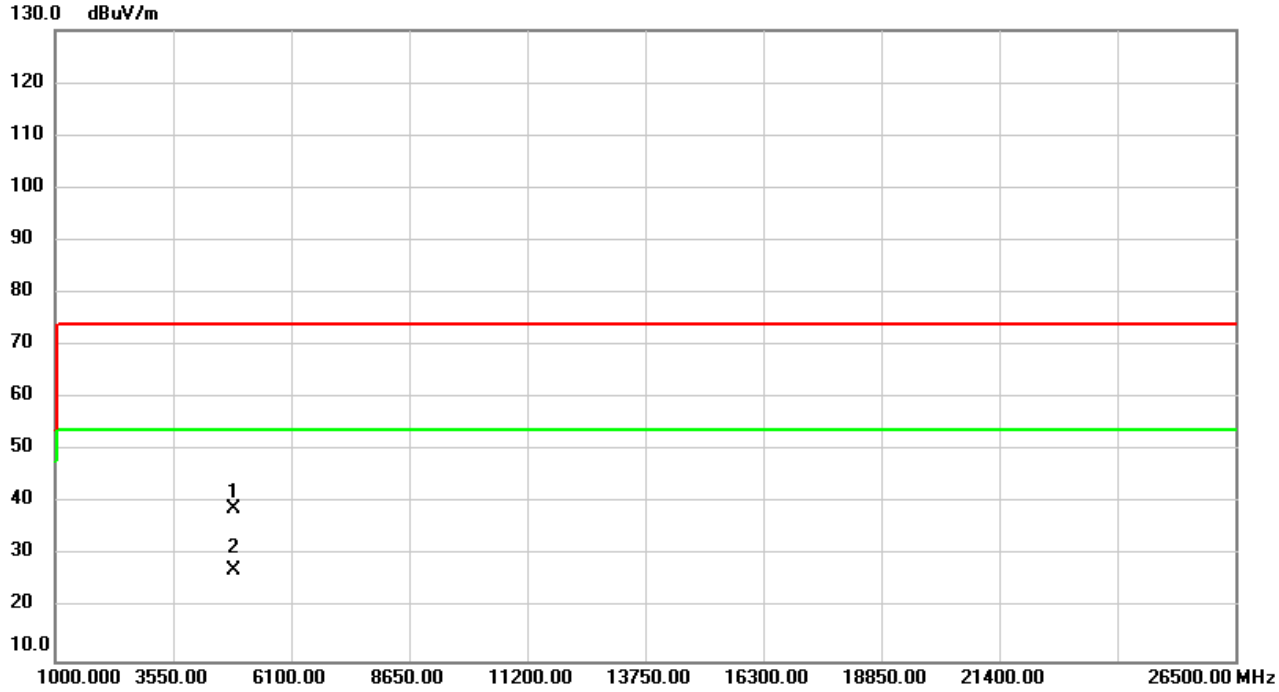
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	37.67	0.72	38.39	74.00	-35.61	peak	
2	*	4824.000	26.16	0.72	26.88	54.00	-27.12	AVG	

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

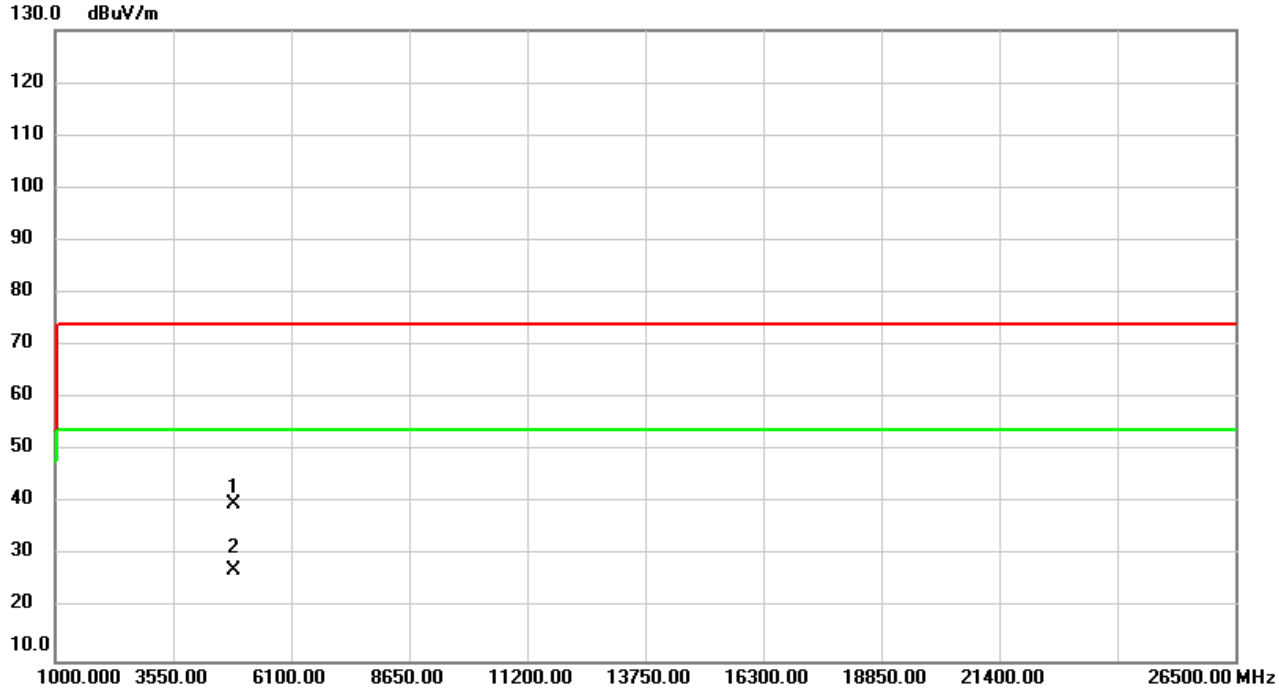
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	37.98	0.89	38.87	74.00	-35.13	peak	
2	*	4874.000	26.33	0.89	27.22	54.00	-26.78	AVG	

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

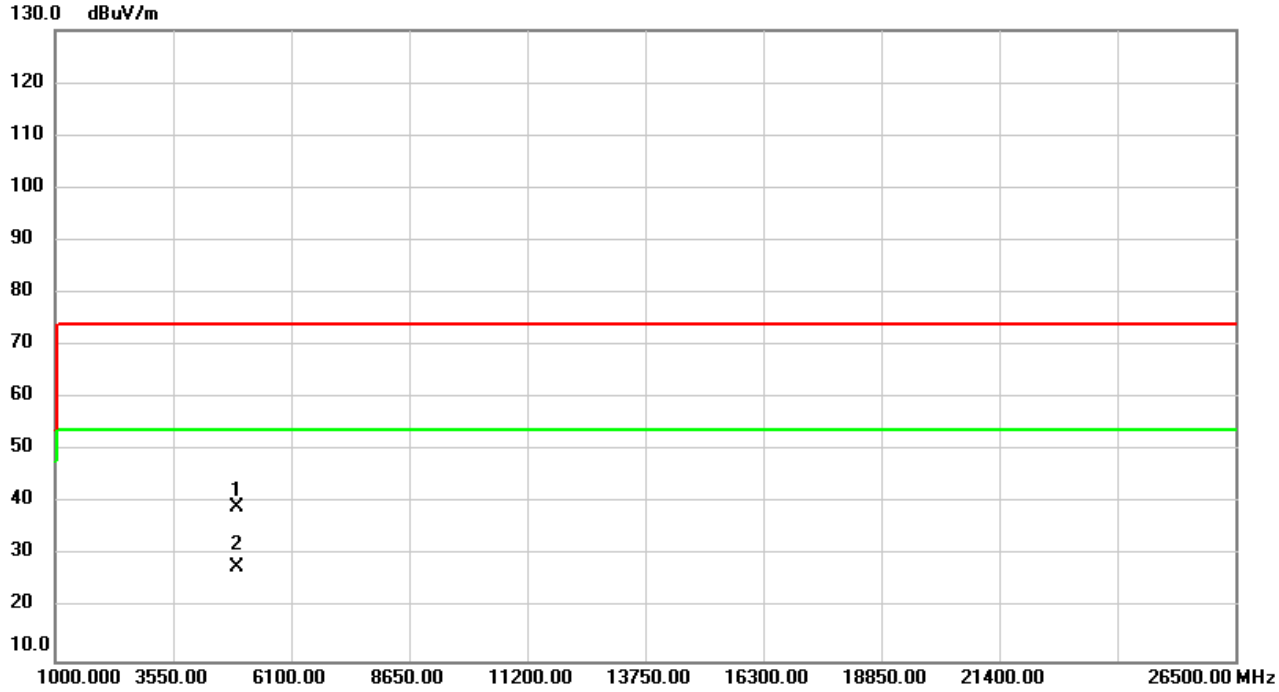
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.90	0.89	39.79	74.00	-34.21	peak	
2	*	4874.000	26.37	0.89	27.26	54.00	-26.74	AVG	

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

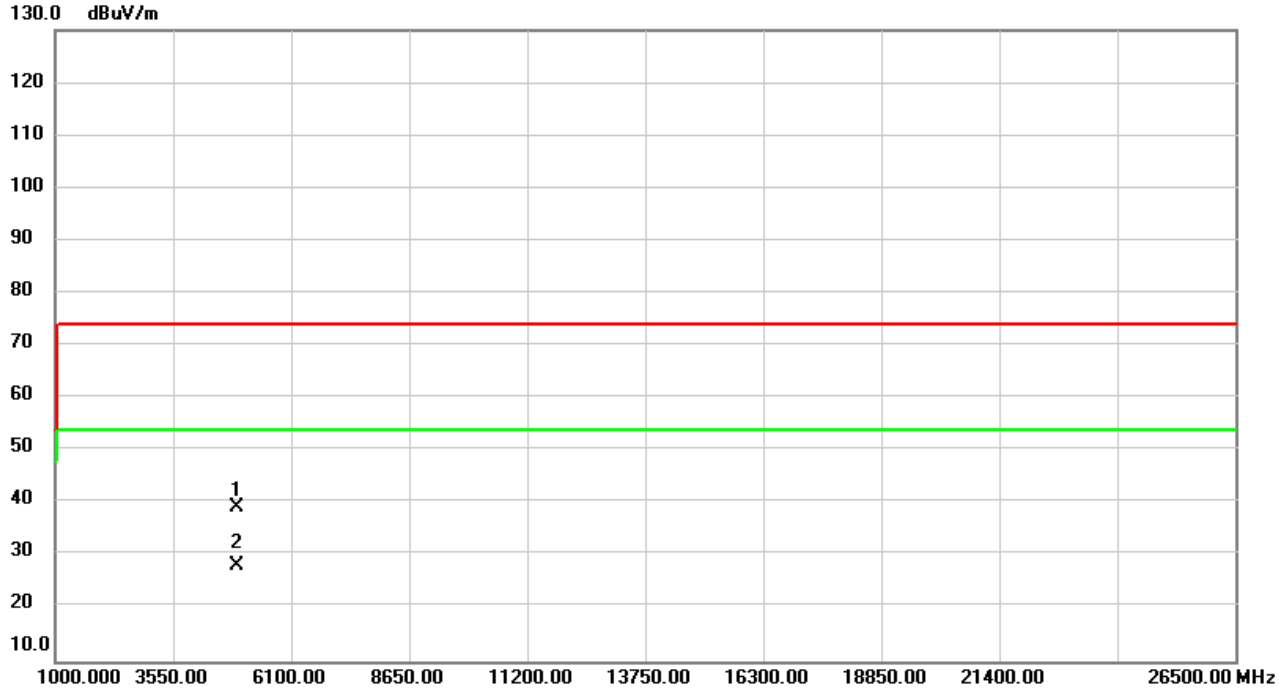
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	38.31	1.07	39.38	74.00	-34.62	peak	
2	*	4924.000	26.92	1.07	27.99	54.00	-26.01	AVG	

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

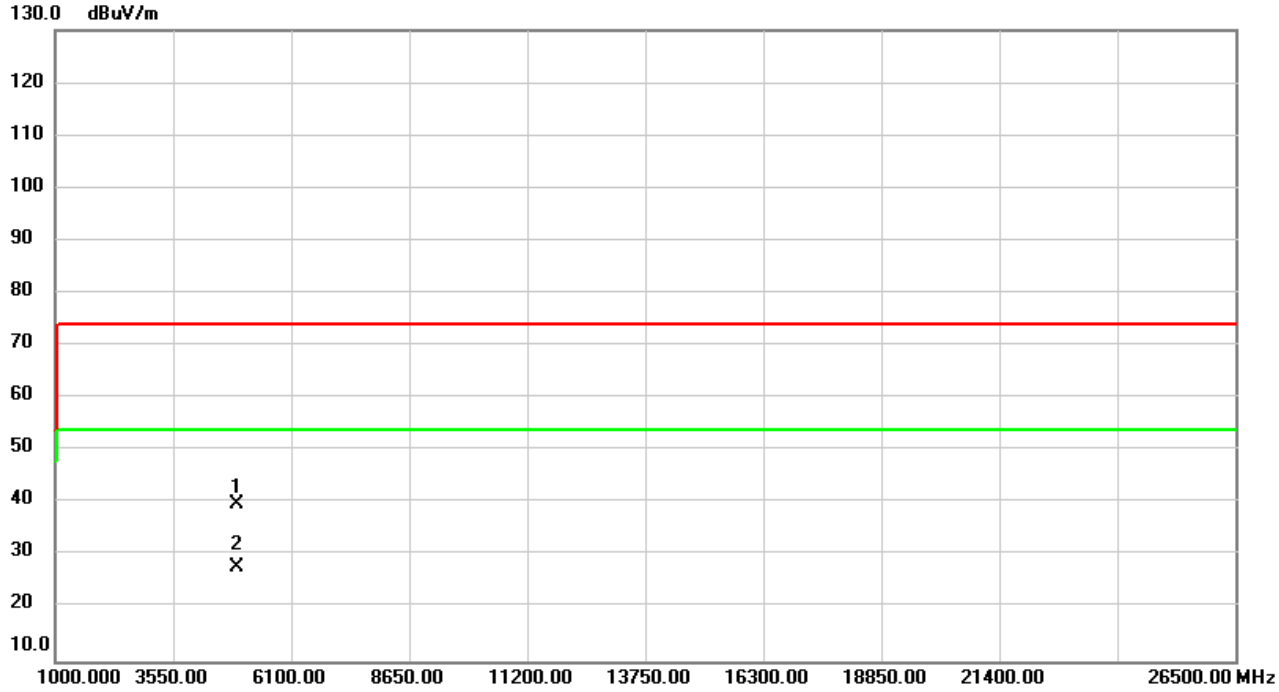
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	38.15	1.07	39.22	74.00	-34.78	peak	
2	*	4924.000	26.98	1.07	28.05	54.00	-25.95	AVG	

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

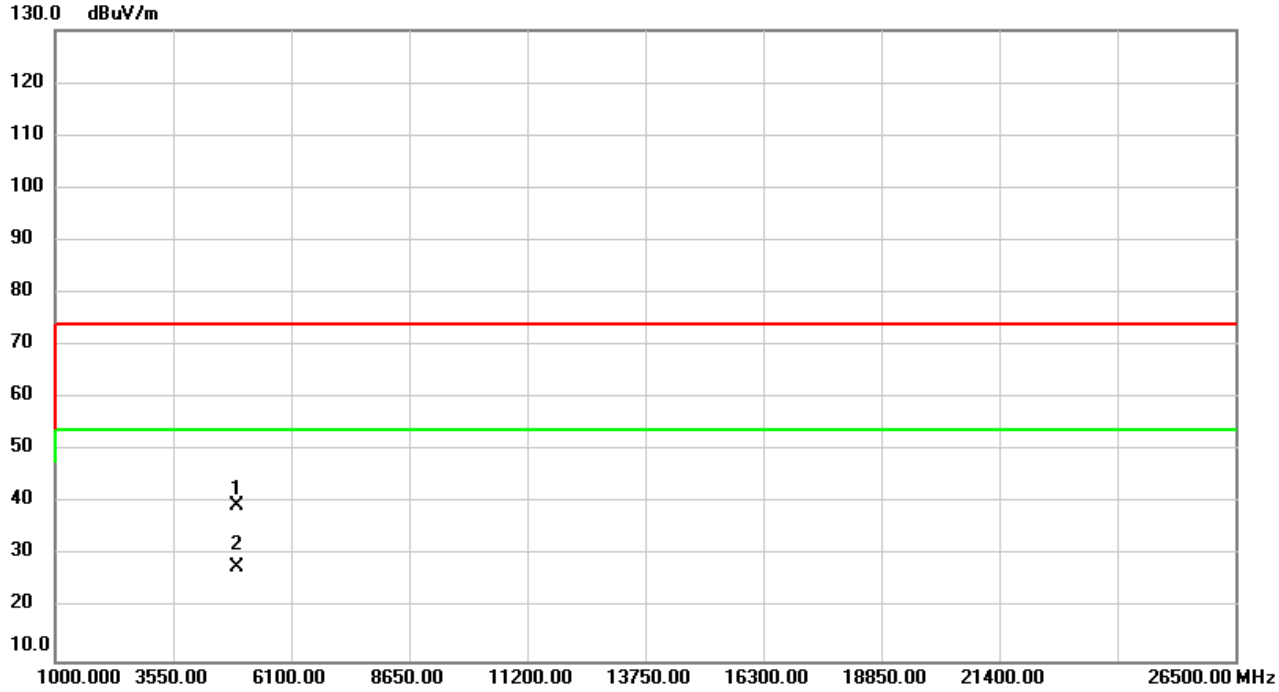
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.65	1.10	39.75	74.00	-34.25	peak	
2	*	4934.000	26.89	1.10	27.99	54.00	-26.01	AVG	

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

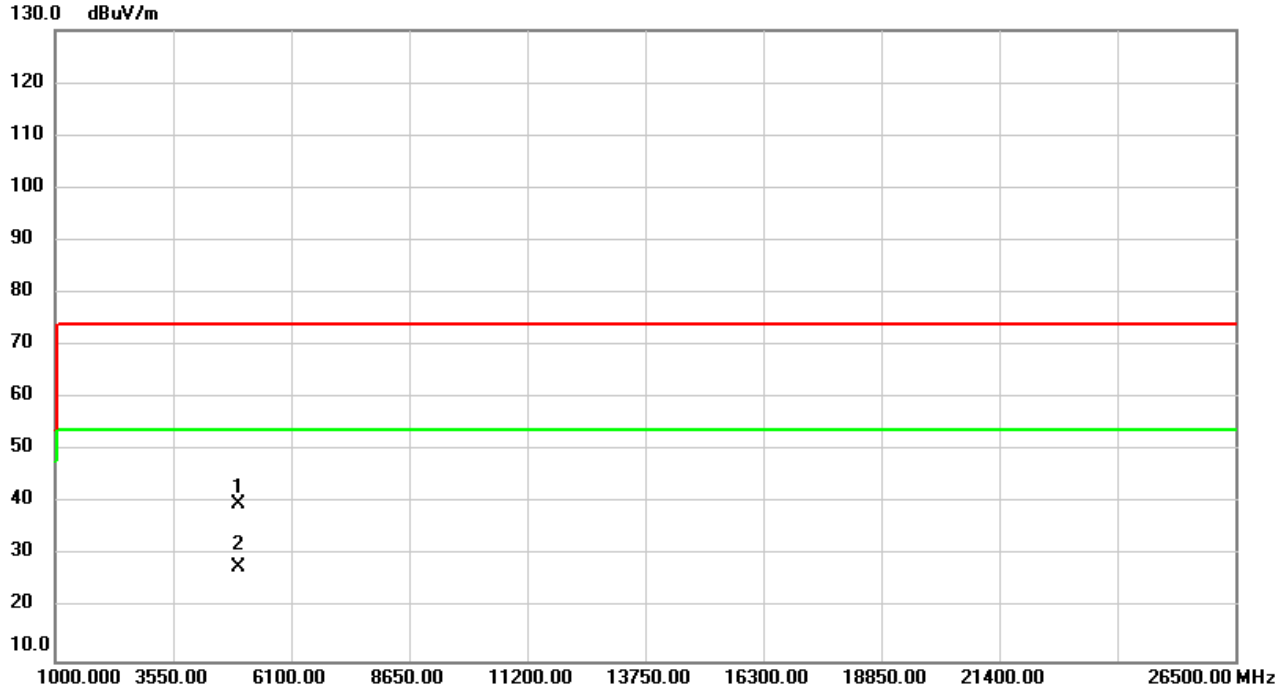
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.39	1.10	39.49	74.00	-34.51	peak	
2	*	4934.000	26.83	1.10	27.93	54.00	-26.07	AVG	

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

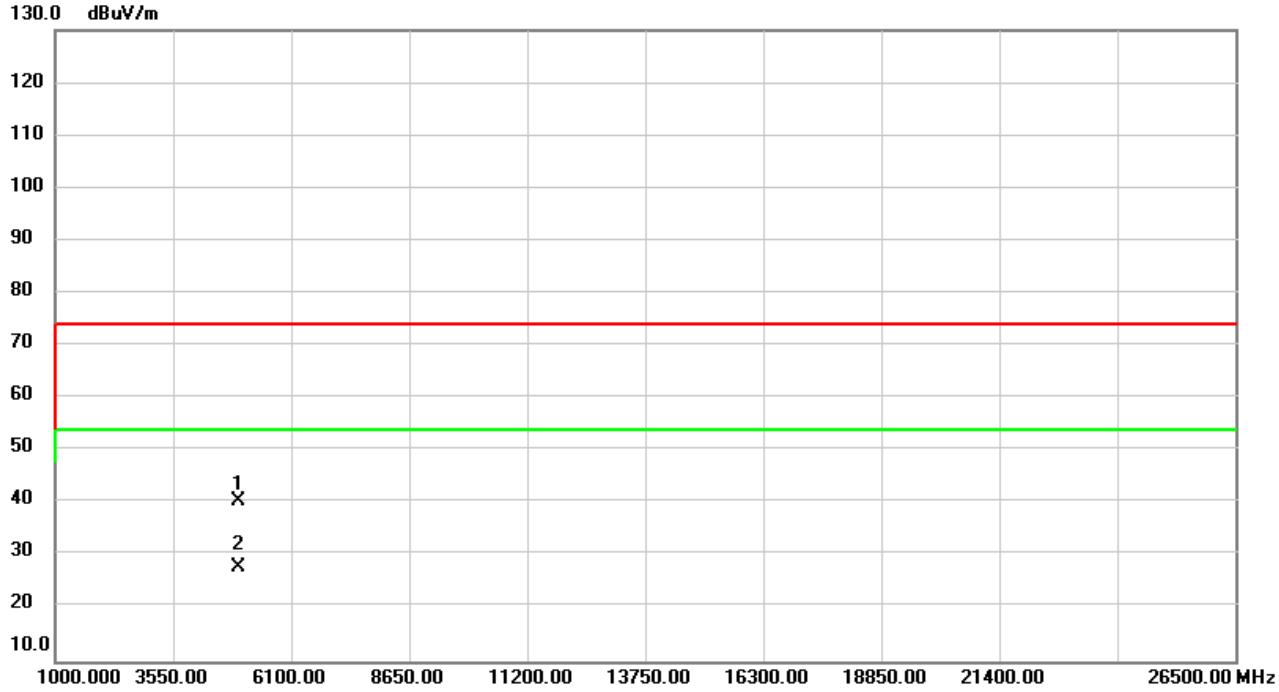
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	38.58	1.13	39.71	74.00	-34.29	peak	
2	*	4944.000	26.71	1.13	27.84	54.00	-26.16	AVG	

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

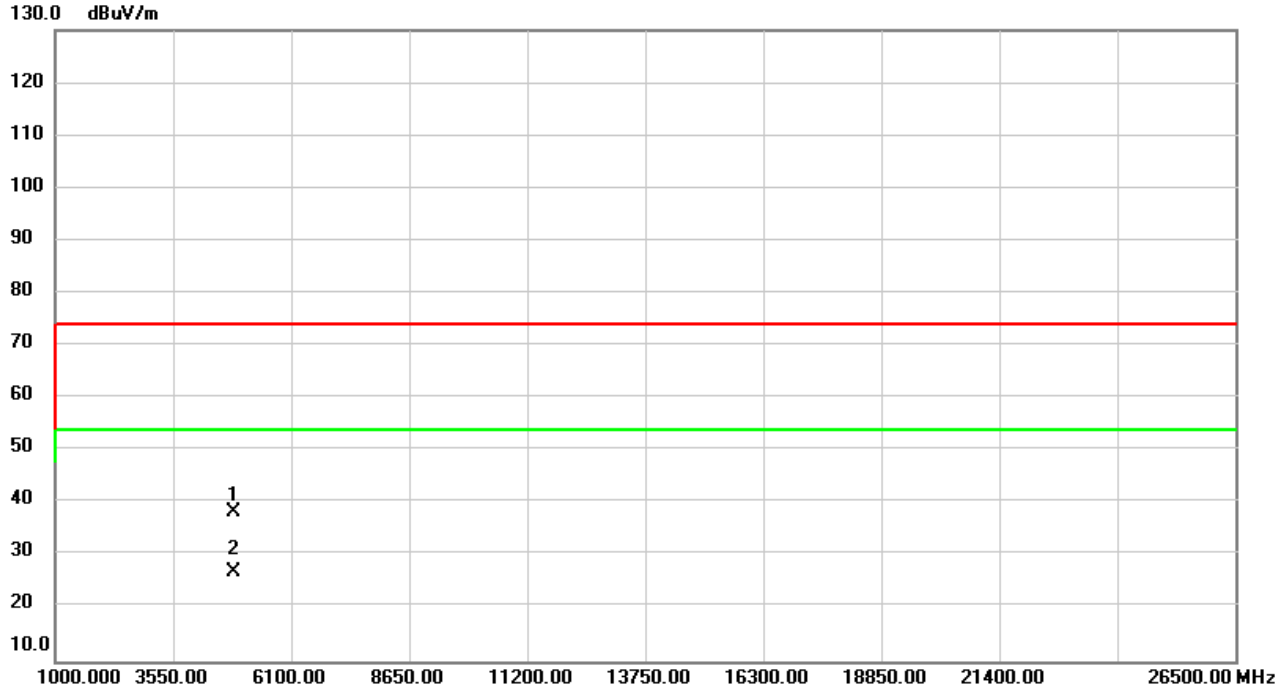
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/1/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	39.29	1.13	40.42	74.00	-33.58	peak	
2	*	4944.000	26.68	1.13	27.81	54.00	-26.19	AVG	

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

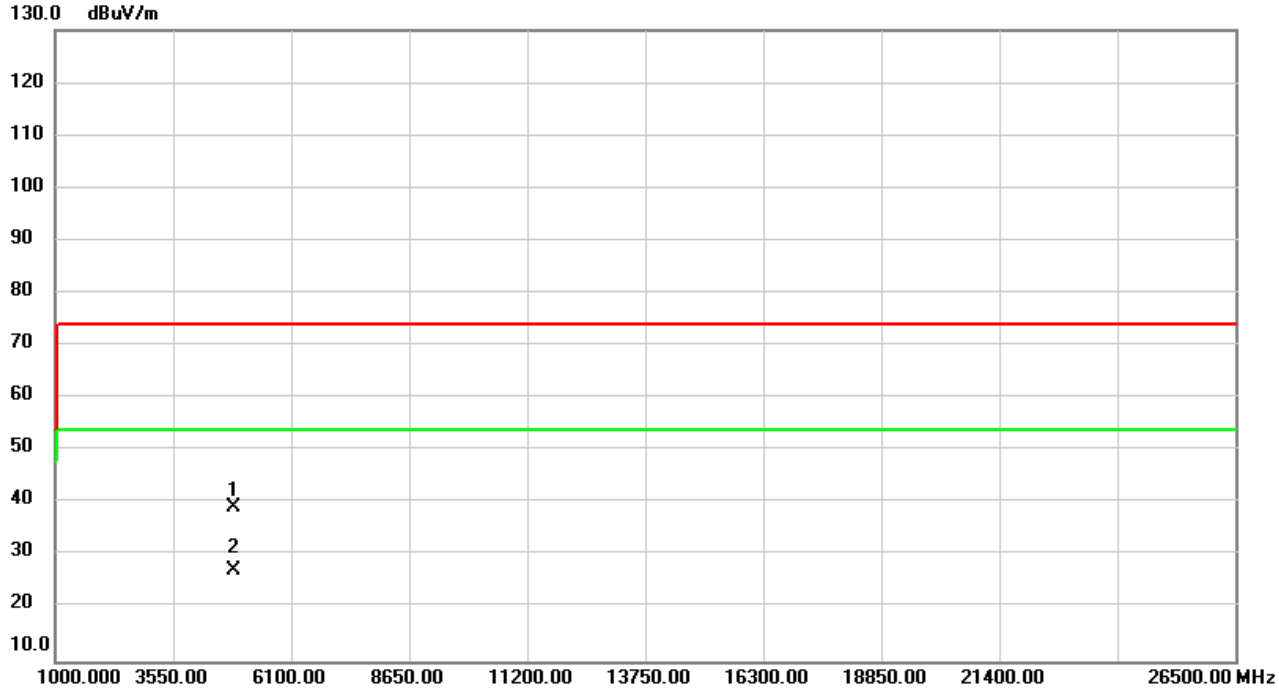
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2422MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	37.69	0.78	38.47	74.00	-35.53	peak	
2	*	4844.000	26.29	0.78	27.07	54.00	-26.93	AVG	

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

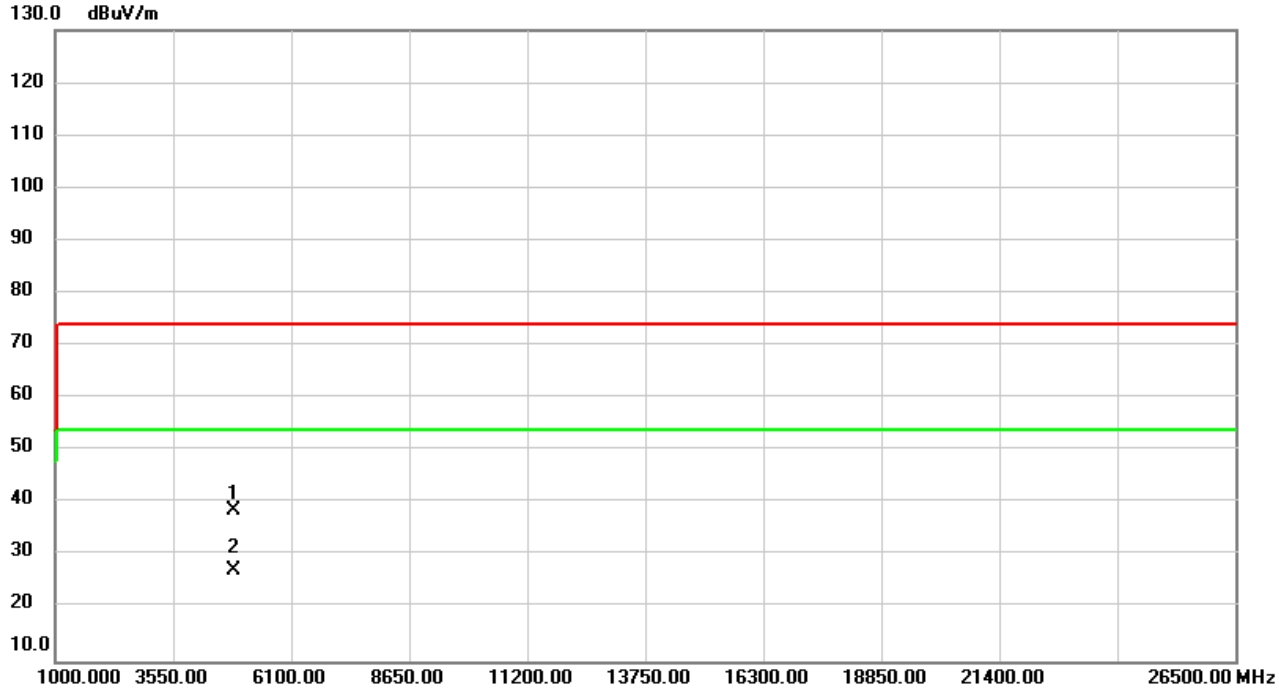
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	38.34	0.78	39.12	74.00	-34.88	peak	
2	*	4844.000	26.35	0.78	27.13	54.00	-26.87	AVG	

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

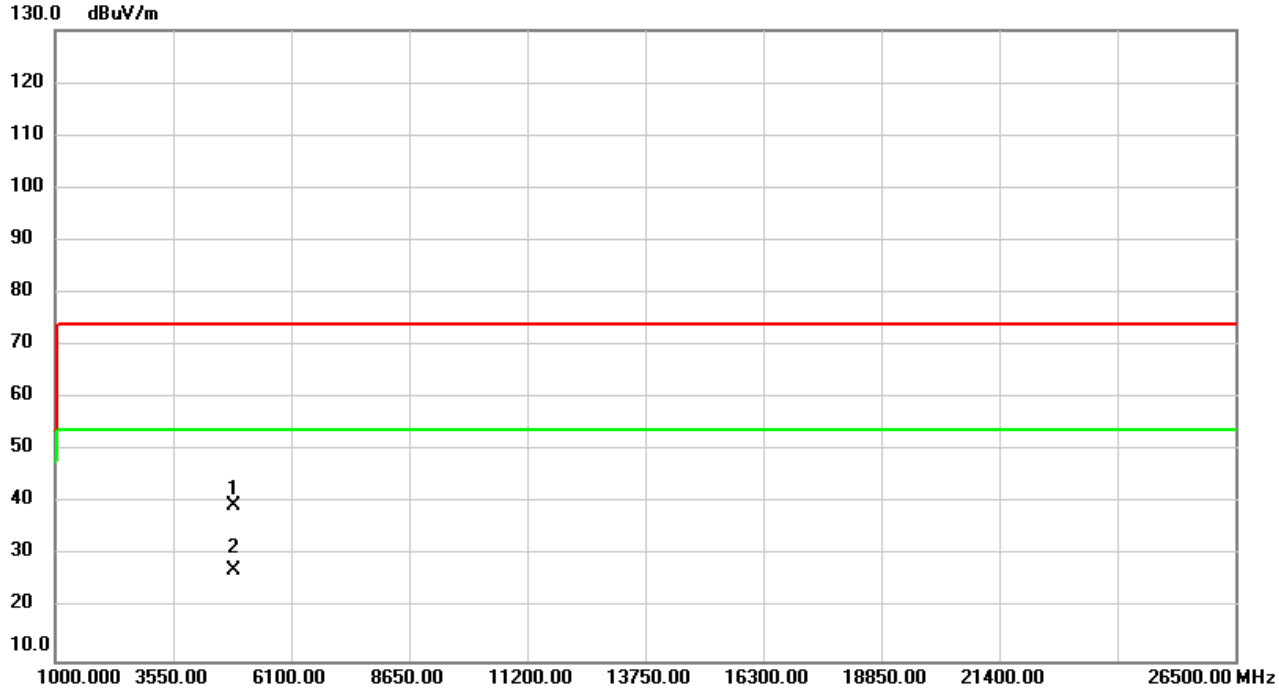
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	37.74	0.89	38.63	74.00	-35.37	peak	
2	*	4874.000	26.35	0.89	27.24	54.00	-26.76	AVG	

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

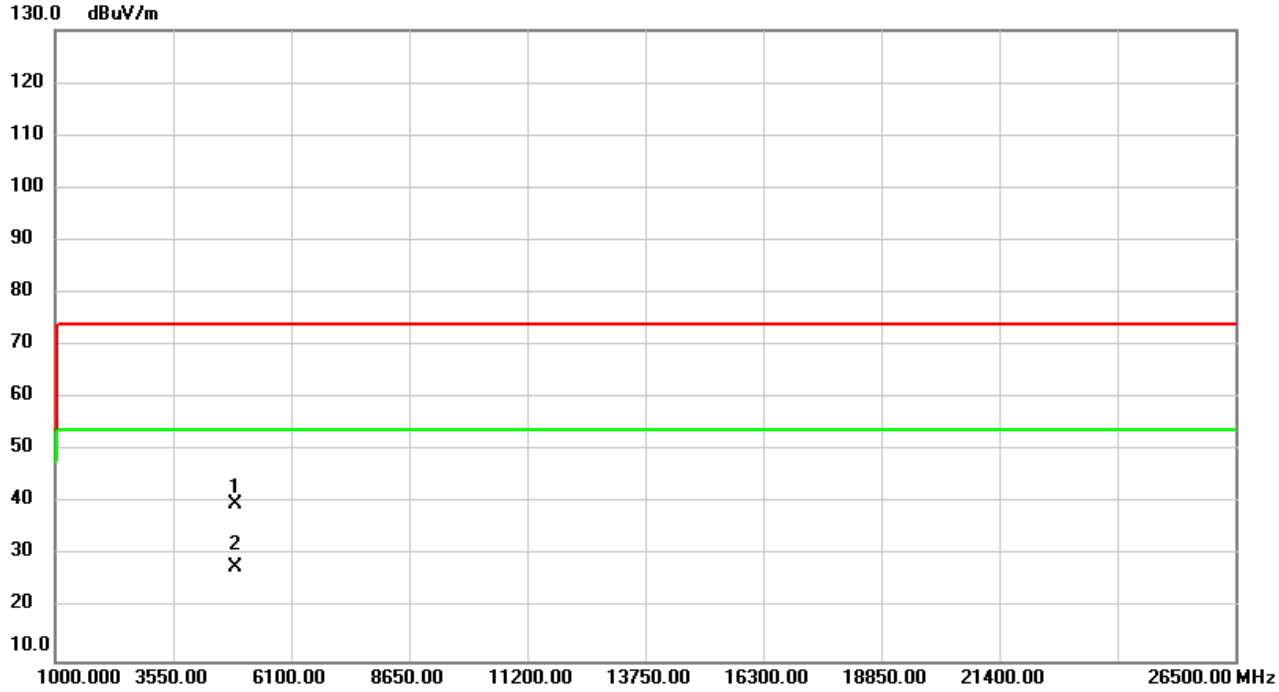
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.78	0.89	39.67	74.00	-34.33	peak	
2	*	4874.000	26.26	0.89	27.15	54.00	-26.85	AVG	

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

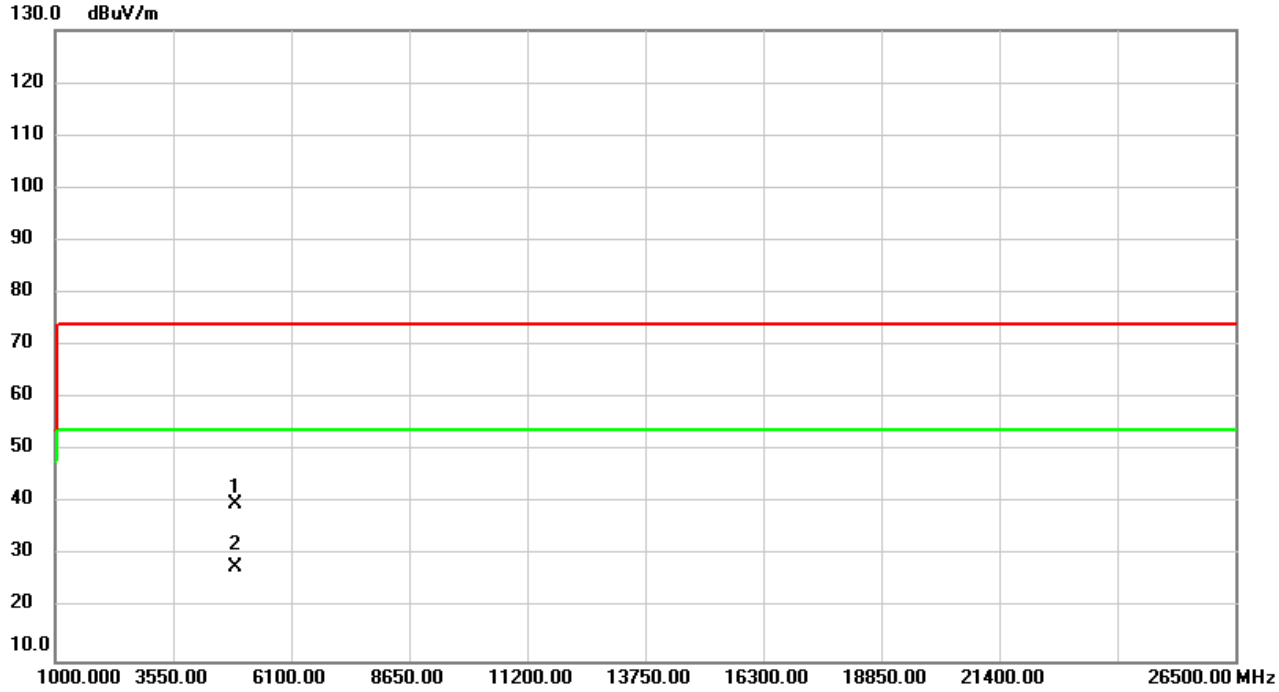
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2452MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	38.76	0.99	39.75	74.00	-34.25	peak	
2	*	4904.000	26.87	0.99	27.86	54.00	-26.14	AVG	

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

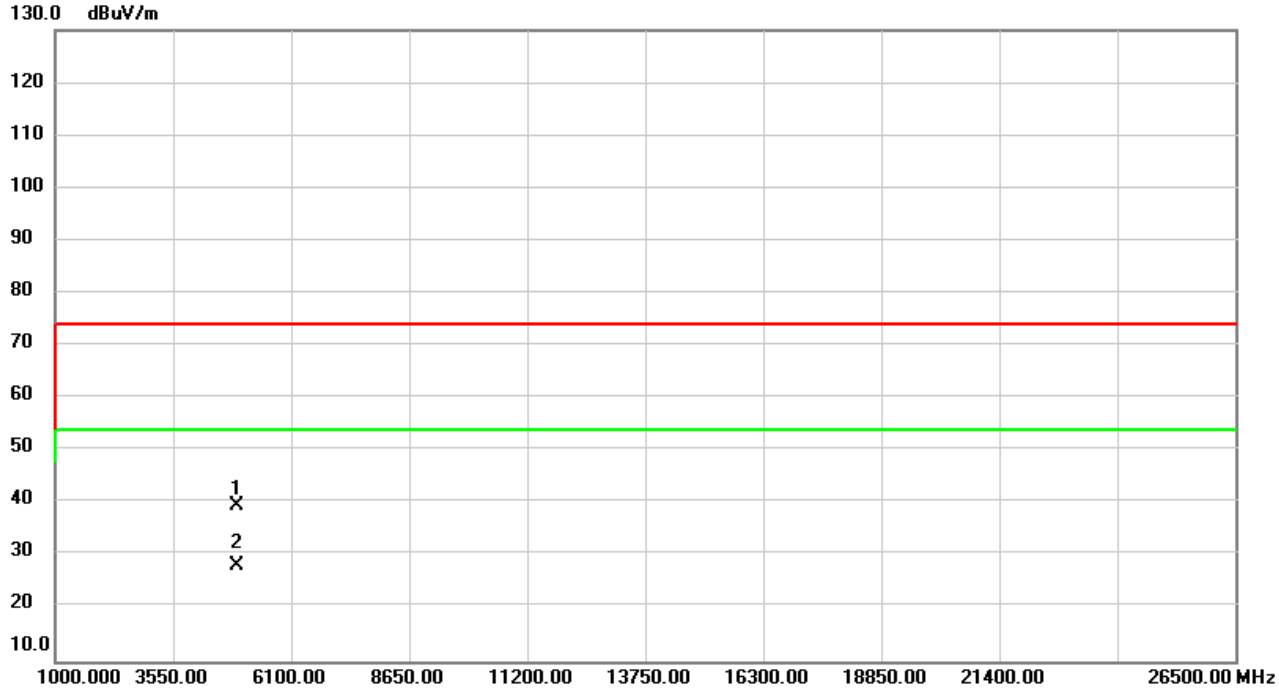
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	38.86	0.99	39.85	74.00	-34.15	peak	
2	*	4904.000	26.92	0.99	27.91	54.00	-26.09	AVG	

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

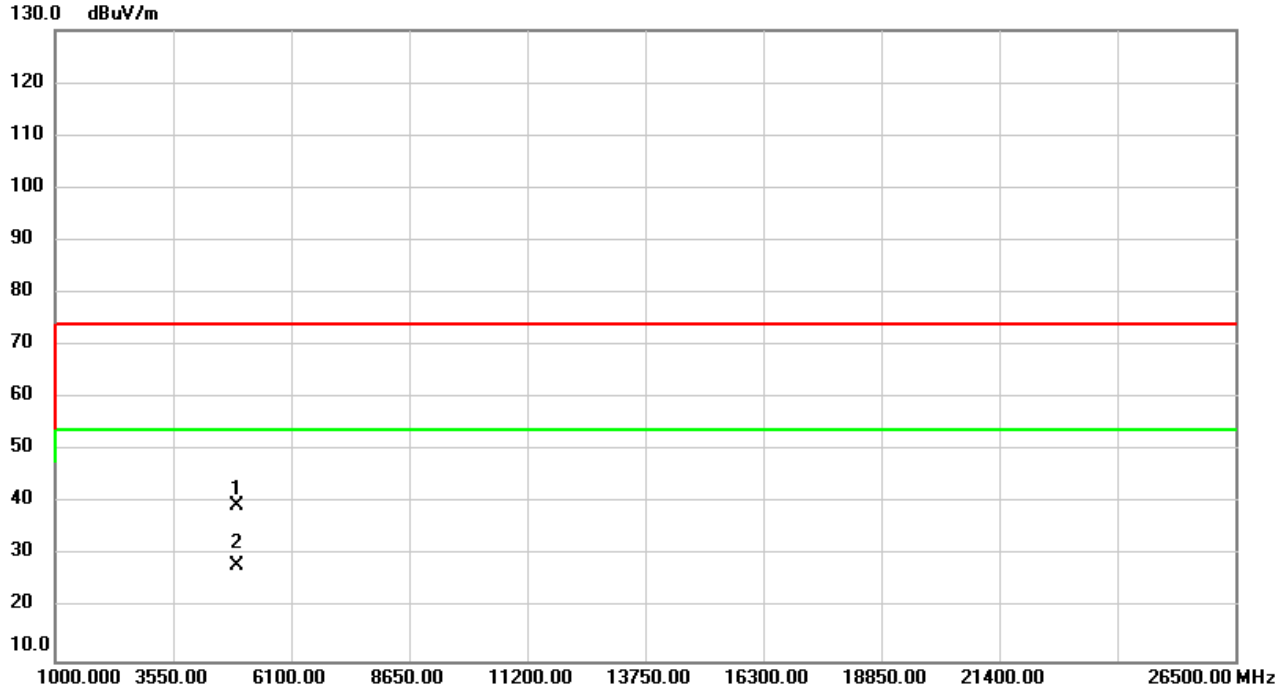
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2457MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	38.58	1.02	39.60	74.00	-34.40	peak	
2	*	4914.000	27.11	1.02	28.13	54.00	-25.87	AVG	

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

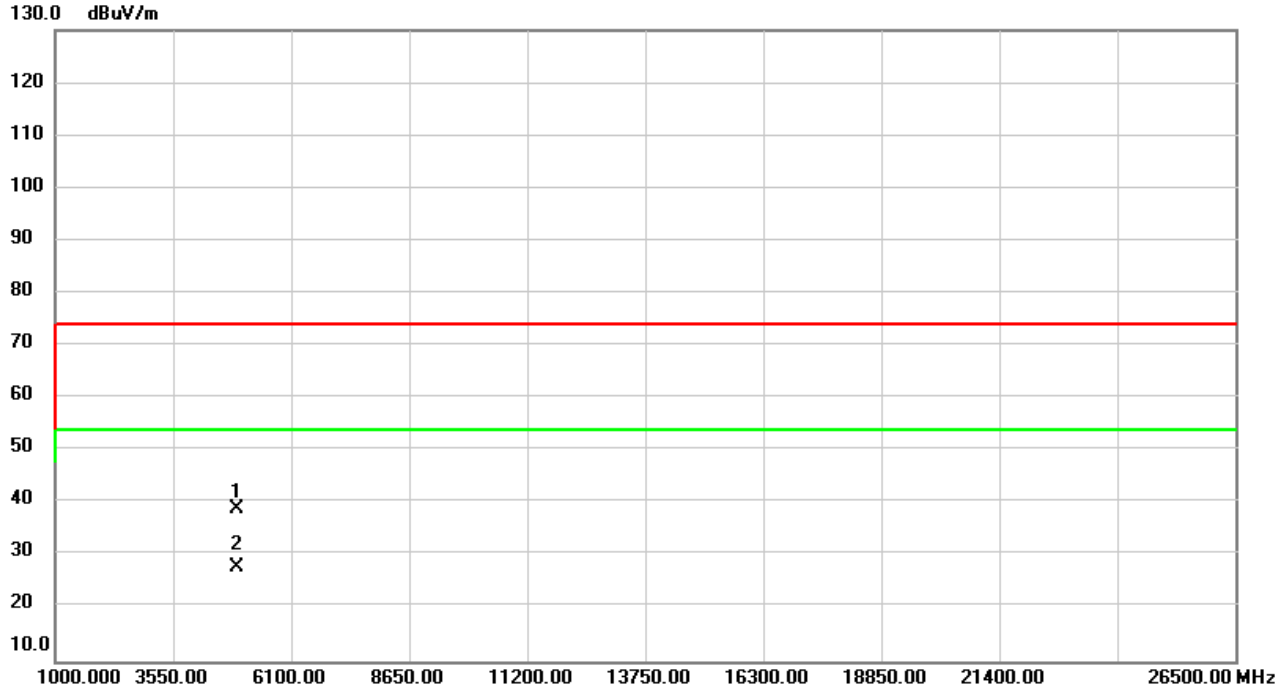
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	38.54	1.02	39.56	74.00	-34.44	peak	
2	*	4914.000	27.11	1.02	28.13	54.00	-25.87	AVG	

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

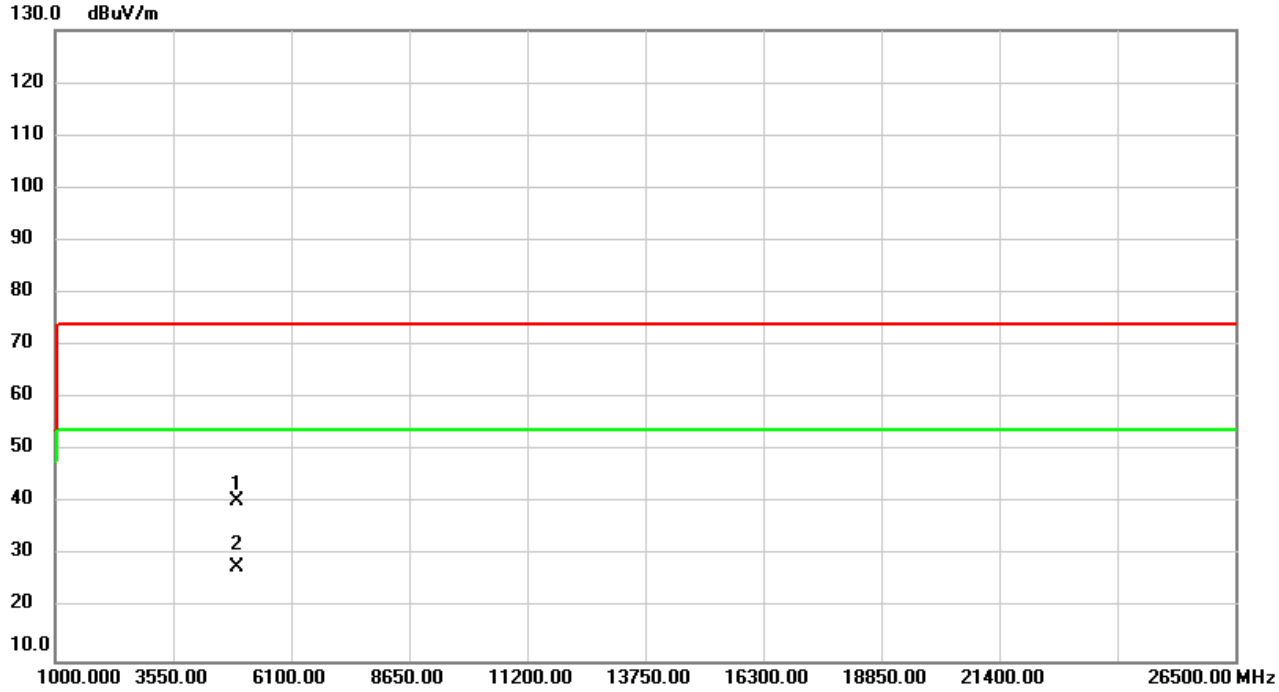
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	37.99	1.07	39.06	74.00	-34.94	peak	
2	*	4924.000	26.82	1.07	27.89	54.00	-26.11	AVG	

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/1/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	39.40	1.07	40.47	74.00	-33.53	peak	
2	*	4924.000	26.82	1.07	27.89	54.00	-26.11	AVG	

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

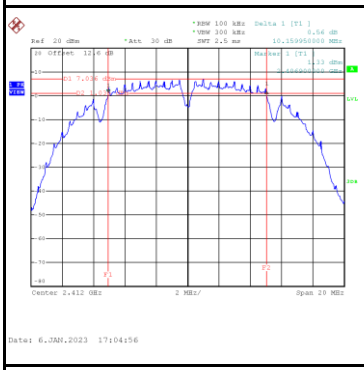
APPENDIX D BANDWIDTH

Test Mode	IEEE 802.11b_Main Antenna

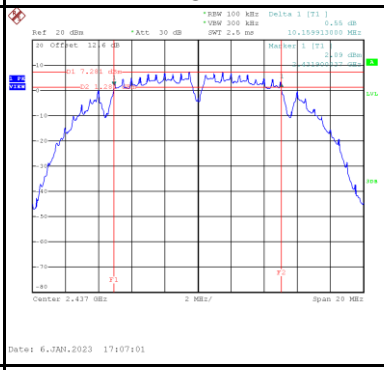
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.16	13.52	≥ 500	Pass
2437	10.16	13.44	≥ 500	Pass
2462	10.13	13.44	≥ 500	Pass
2467	10.14	13.44	≥ 500	Pass
2472	10.14	13.44	≥ 500	Pass

6dB Bandwidth

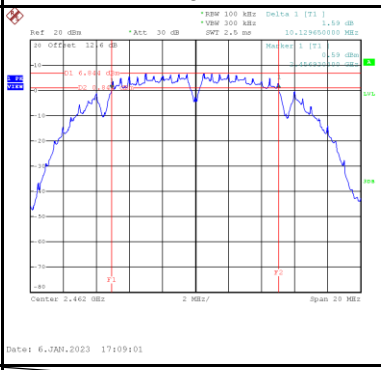
2412 MHz



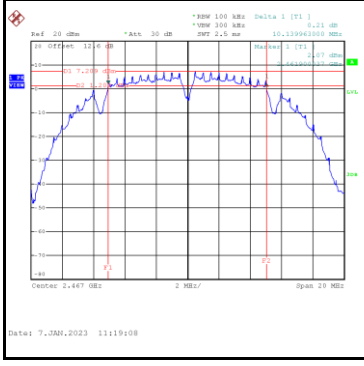
2437 MHz



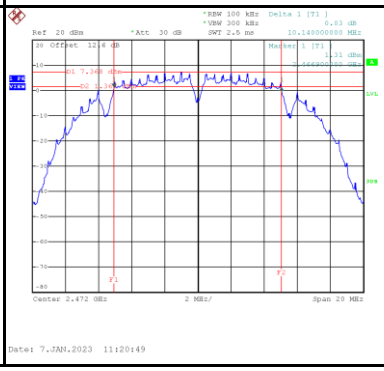
2462 MHz

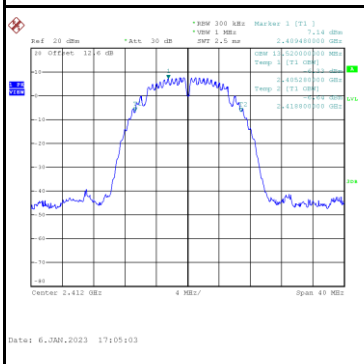
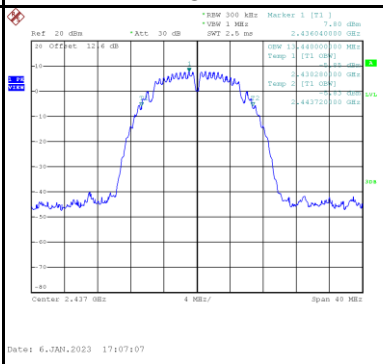
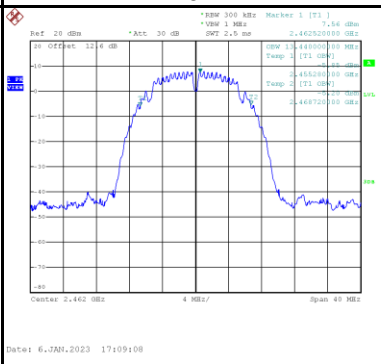
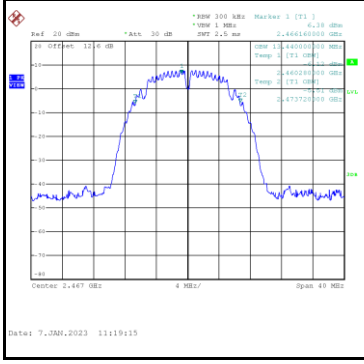
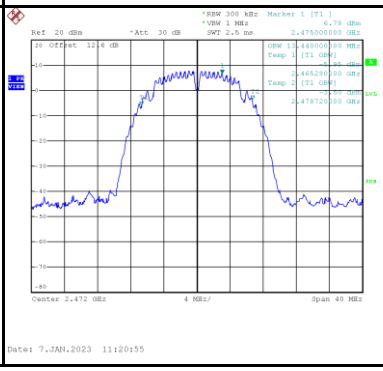


2467 MHz



2472 MHz



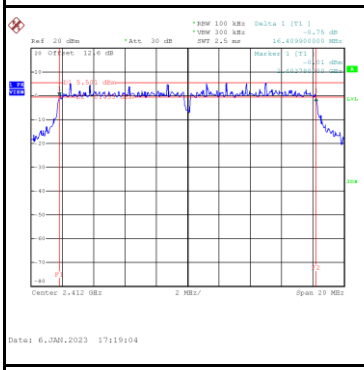
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	2472 MHz	
		

Test Mode	IEEE 802.11g_Main Antenna

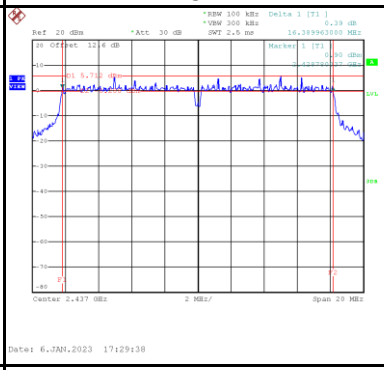
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	16.41	17.20	≥ 500	Pass
2437	16.39	17.12	≥ 500	Pass
2462	16.40	17.12	≥ 500	Pass
2467	16.39	17.12	≥ 500	Pass
2472	16.40	16.64	≥ 500	Pass

6dB Bandwidth

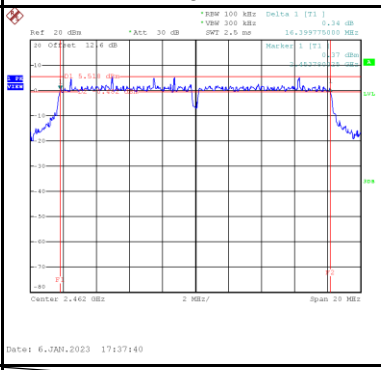
2412 MHz



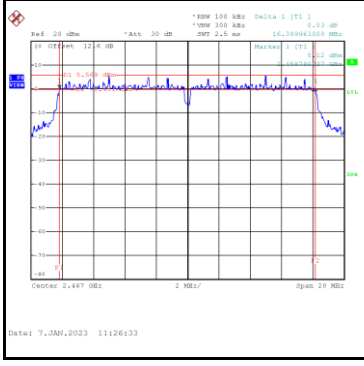
2437 MHz



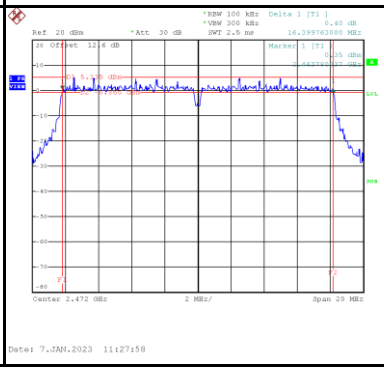
2462 MHz

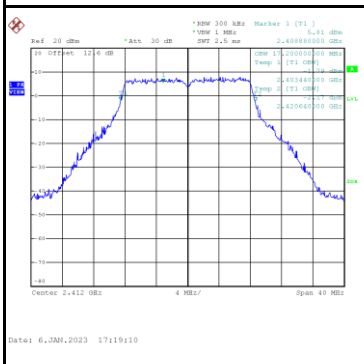
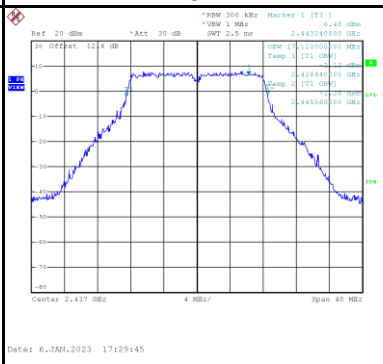
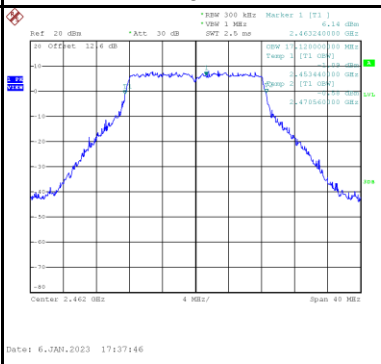
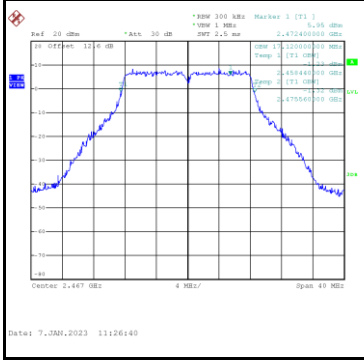
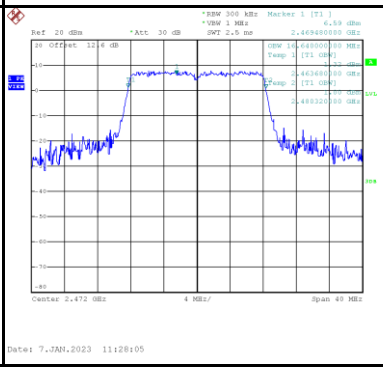


2467 MHz



2472 MHz



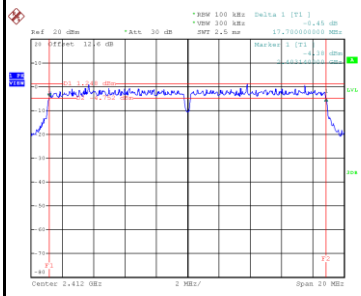
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	2472 MHz	
		

Test Mode	IEEE 802.11n (HT20)_Main Antenna

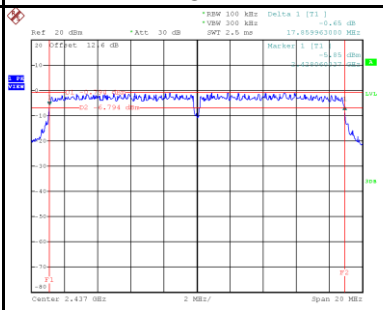
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.70	18.16	≥ 500	Pass
2437	17.86	18.24	≥ 500	Pass
2462	17.75	18.24	≥ 500	Pass
2467	17.64	18.24	≥ 500	Pass
2472	17.68	17.76	≥ 500	Pass

6dB Bandwidth

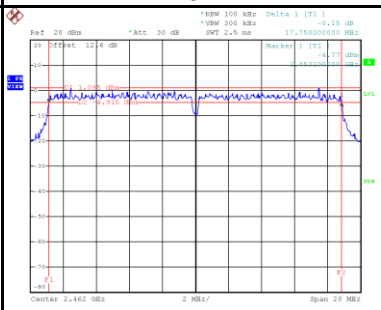
2412 MHz



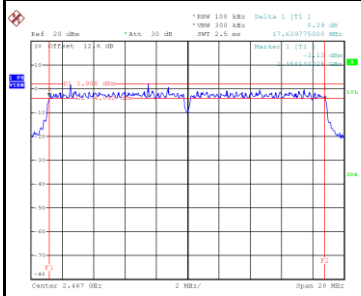
2437 MHz



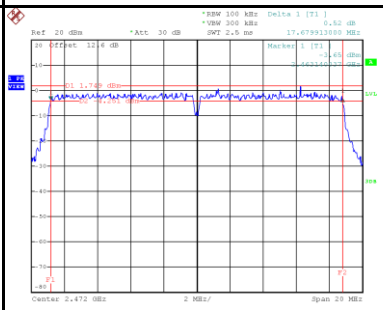
2462 MHz

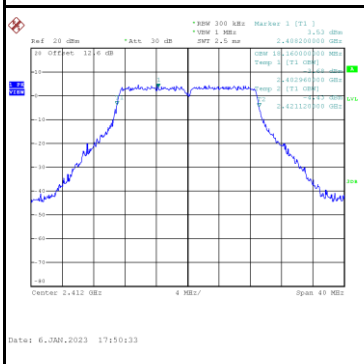
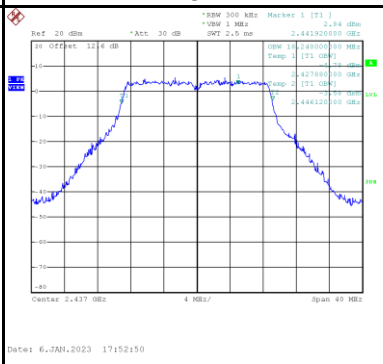
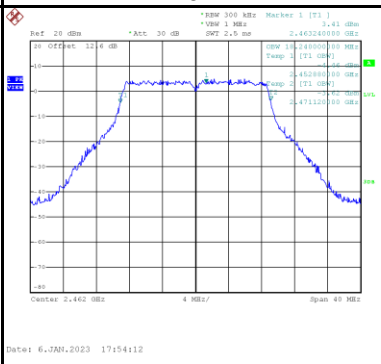
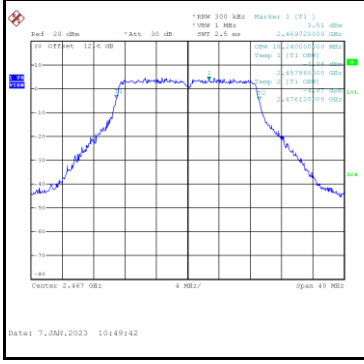
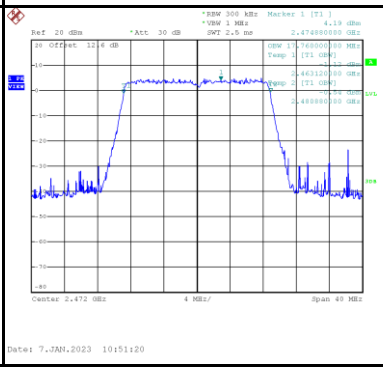


2467 MHz



2472 MHz



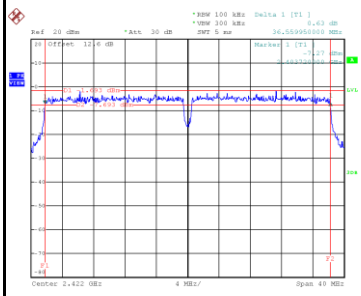
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	2472 MHz	
		

Test Mode	IEEE 802.11n (HT40)_Main Antenna

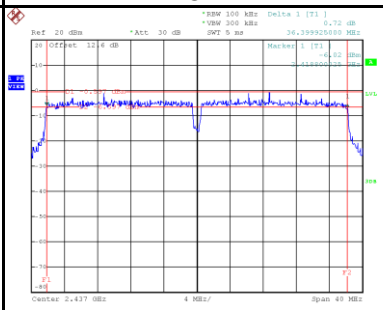
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	36.56	36.96	≥ 500	Pass
2437	36.40	36.96	≥ 500	Pass
2452	36.56	36.96	≥ 500	Pass
2457	35.20	36.16	≥ 500	Pass
2462	36.41	36.48	≥ 500	Pass

6dB Bandwidth

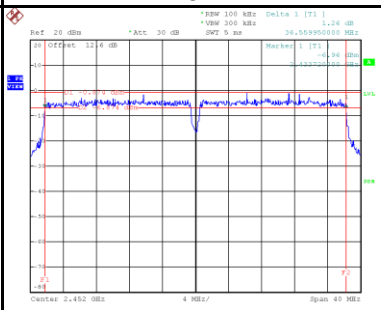
2422 MHz



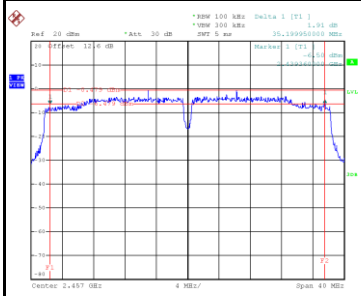
2437 MHz



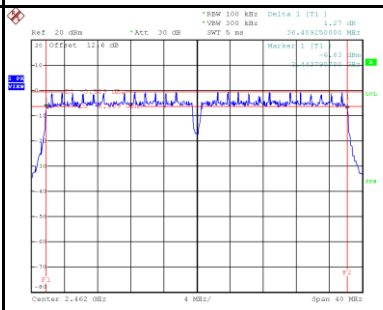
2452 MHz

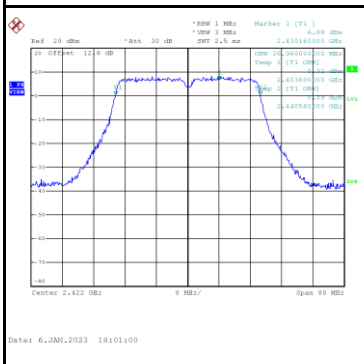
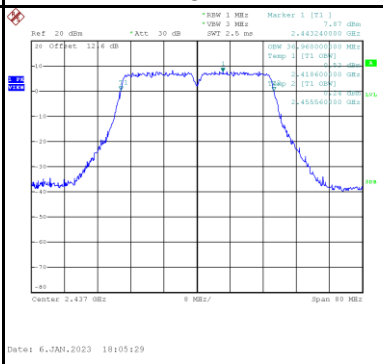
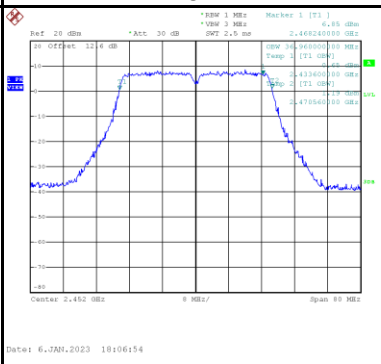
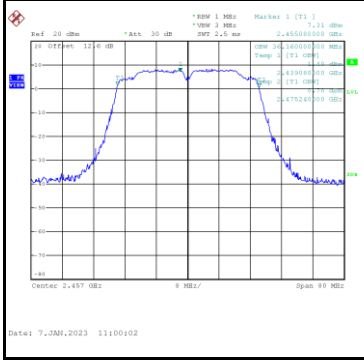
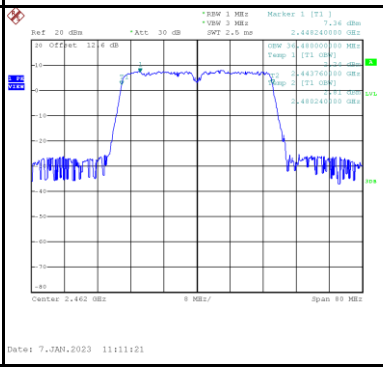


2457 MHz



2462 MHz



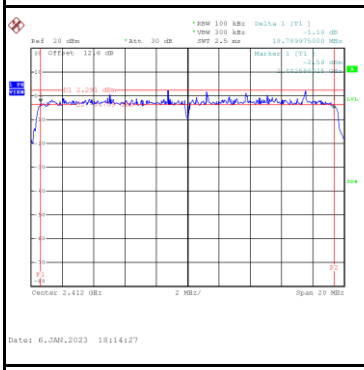
99% Occupied BW		
2422 MHz	2437 MHz	2452 MHz
		
2457 MHz	2462 MHz	
		

Test Mode	IEEE 802.11ax (HE20)_Main Antenna

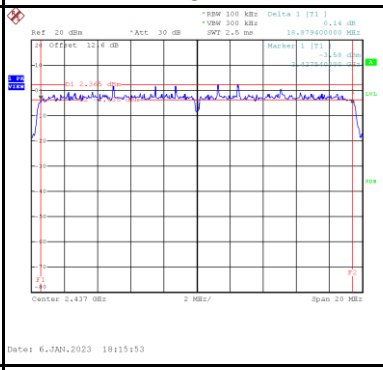
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	18.79	19.20	≥ 500	Pass
2437	18.88	19.20	≥ 500	Pass
2462	18.91	19.12	≥ 500	Pass
2467	19.00	19.20	≥ 500	Pass
2472	18.60	18.88	≥ 500	Pass

6dB Bandwidth

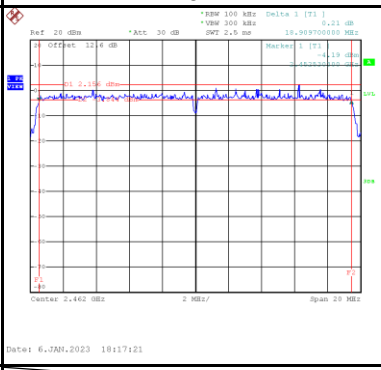
2412 MHz



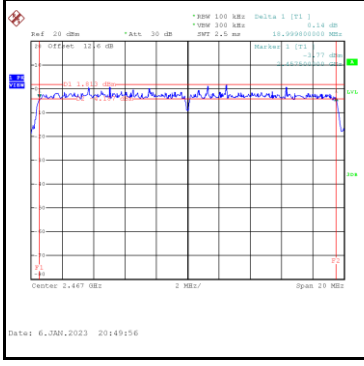
2437 MHz



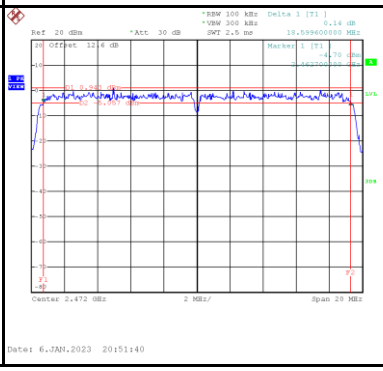
2462 MHz

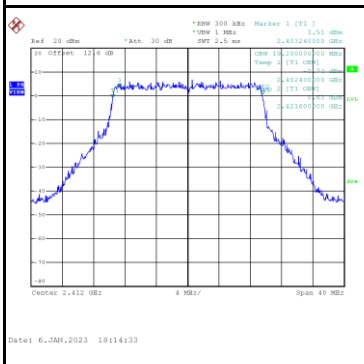
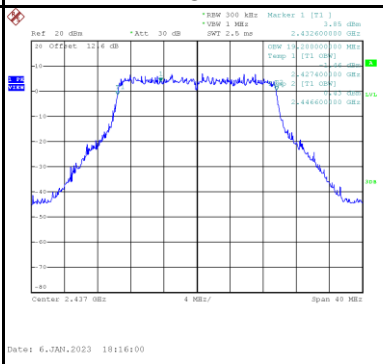
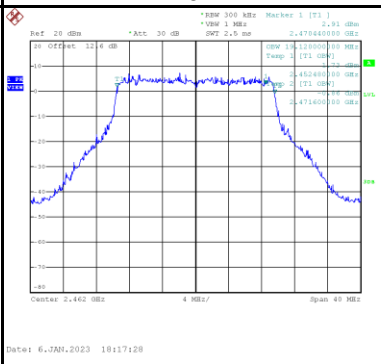
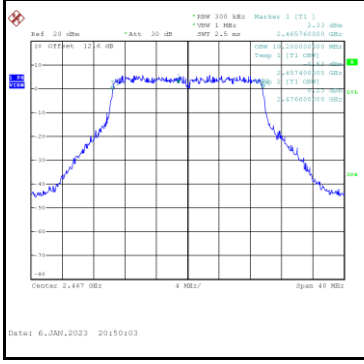
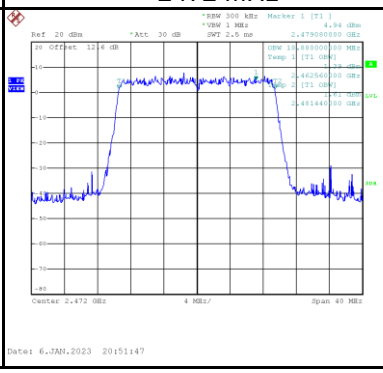


2467 MHz



2472 MHz



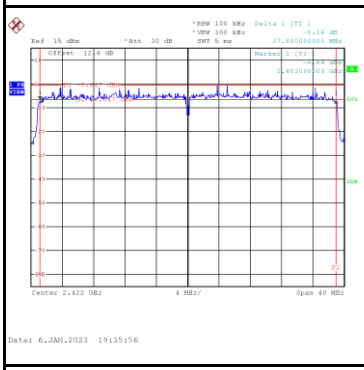
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	2472 MHz	
		

Test Mode	IEEE 802.11ax (HE40)_Main Antenna

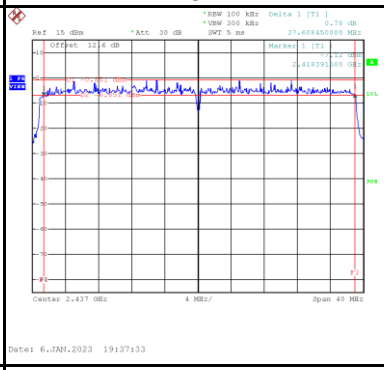
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	37.88	38.24	≥ 500	Pass
2437	37.61	38.24	≥ 500	Pass
2452	38.08	38.24	≥ 500	Pass
2457	33.88	36.32	≥ 500	Pass
2462	36.52	36.48	≥ 500	Pass

6dB Bandwidth

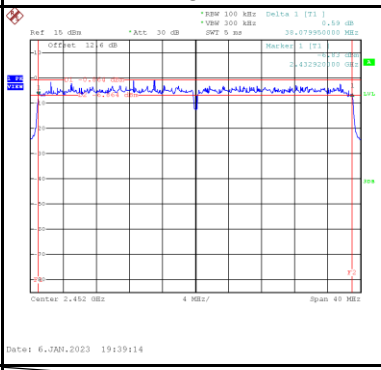
2422 MHz



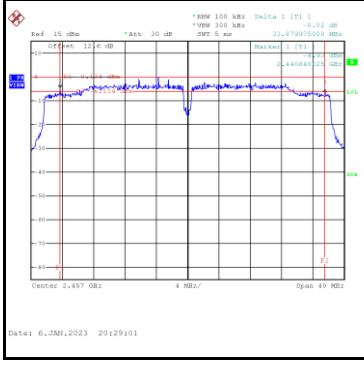
2437 MHz



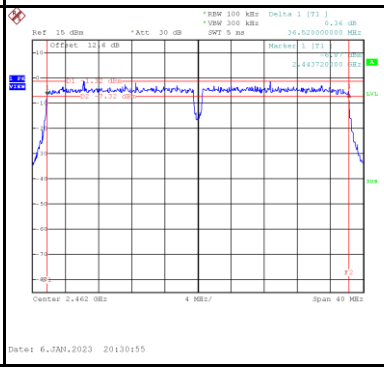
2452 MHz

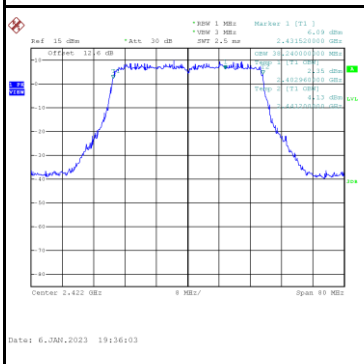
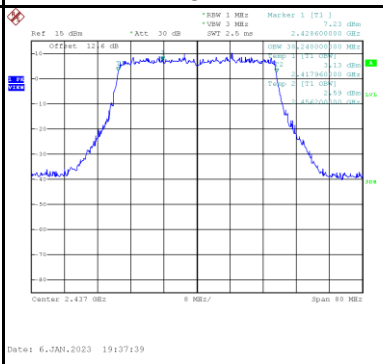
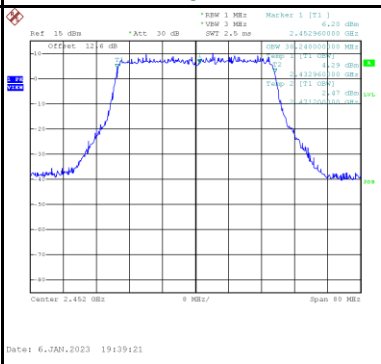
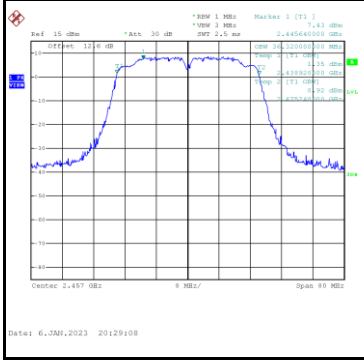
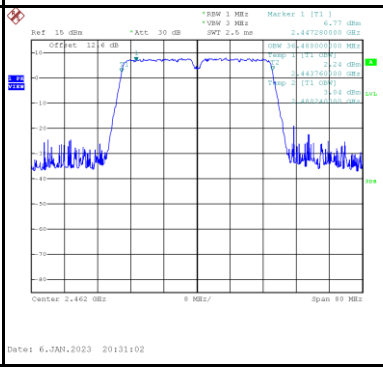


2457 MHz



2462 MHz



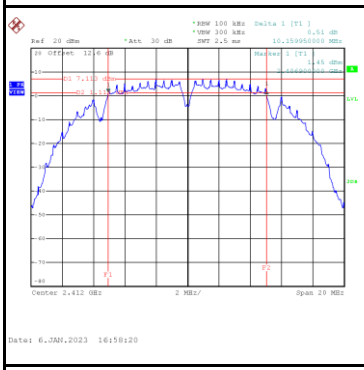
99% Occupied BW		
2422 MHz	2437 MHz	2452 MHz
		
2457 MHz	2462 MHz	
		

Test Mode	IEEE 802.11b_Aux Antenna

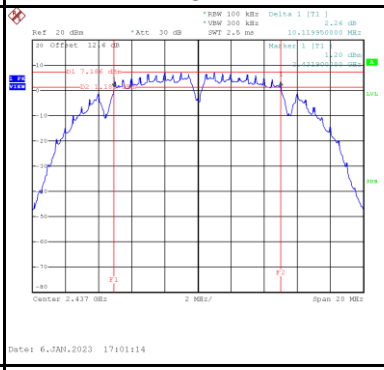
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.16	13.52	≥ 500	Pass
2437	10.12	13.44	≥ 500	Pass
2462	10.14	13.44	≥ 500	Pass
2467	10.14	13.44	≥ 500	Pass
2472	10.10	13.44	≥ 500	Pass

6dB Bandwidth

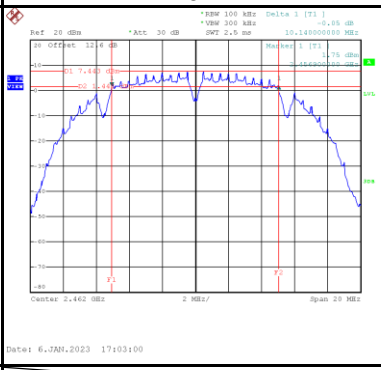
2412 MHz



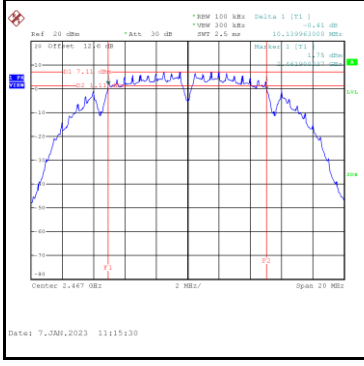
2437 MHz



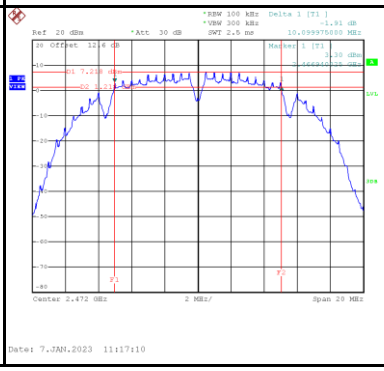
2462 MHz

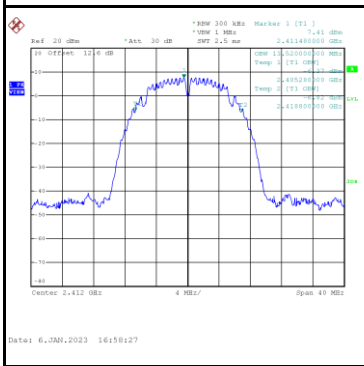
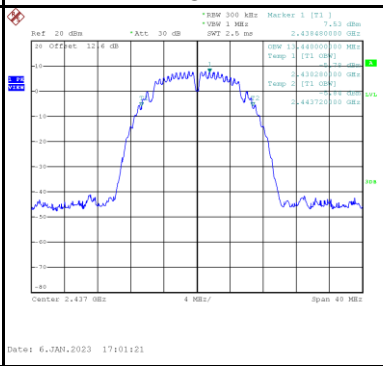
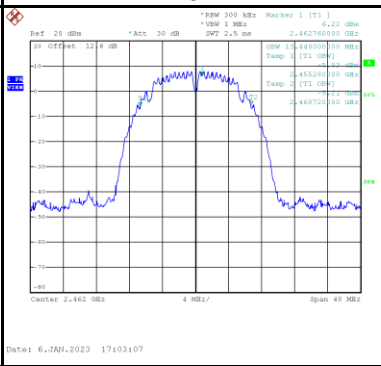
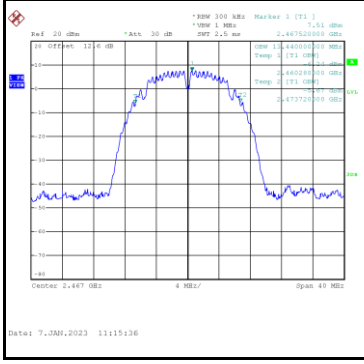
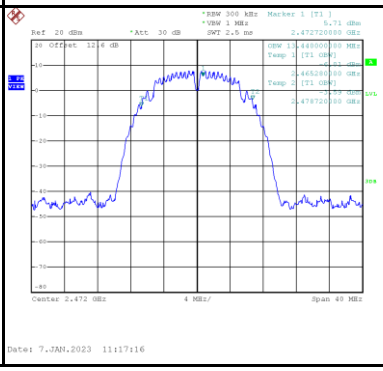


2467 MHz



2472 MHz



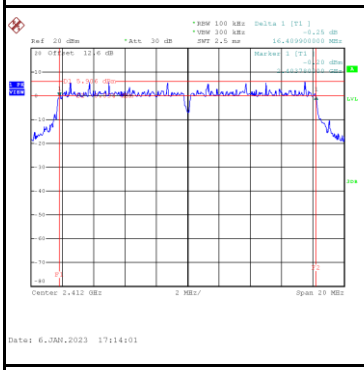
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	2472 MHz	
		

Test Mode	IEEE 802.11g_Aux Antenna

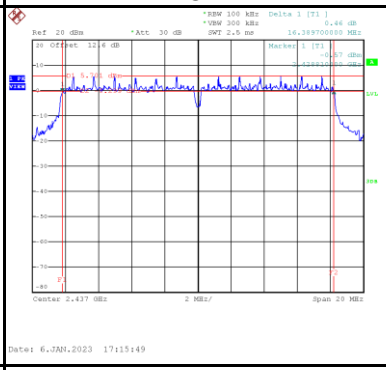
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	16.41	17.20	≥ 500	Pass
2437	16.39	17.12	≥ 500	Pass
2462	16.39	17.12	≥ 500	Pass
2467	16.40	17.12	≥ 500	Pass
2472	16.40	16.64	≥ 500	Pass

6dB Bandwidth

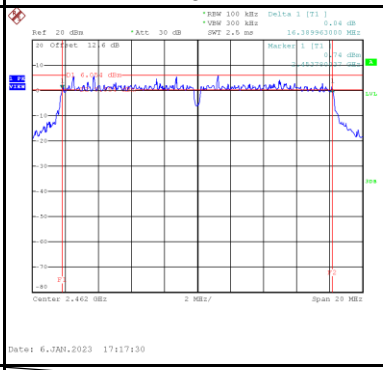
2412 MHz



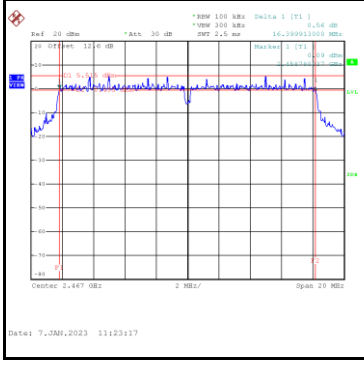
2437 MHz



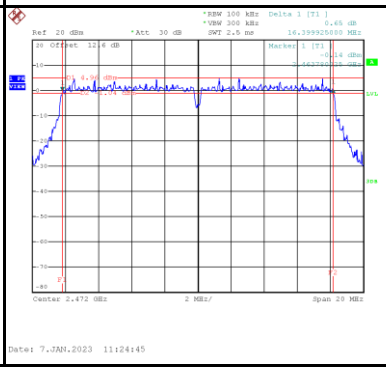
2462 MHz

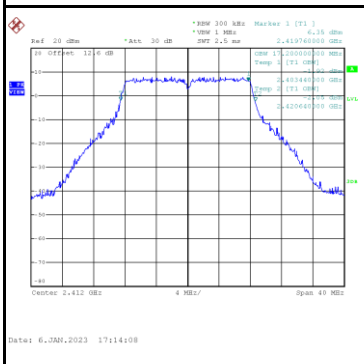
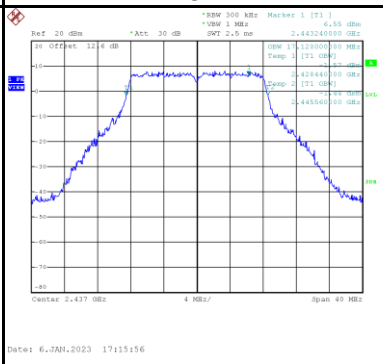
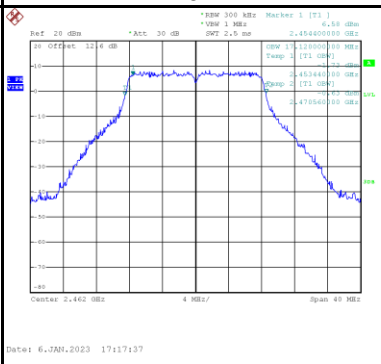
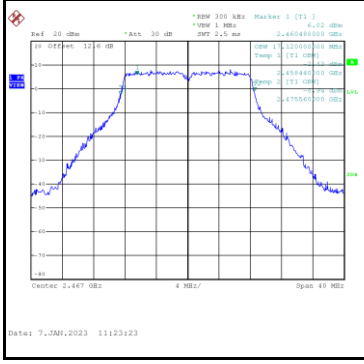
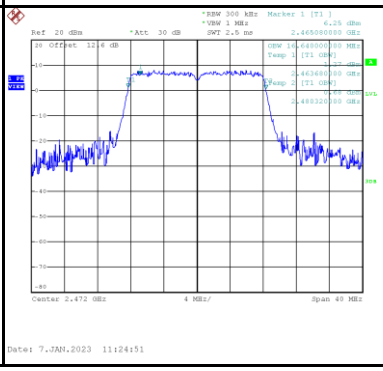


2467 MHz



2472 MHz



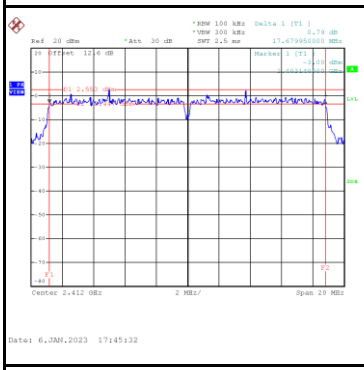
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	2472 MHz	
		

Test Mode	IEEE 802.11n (HT20)_Aux Antenna

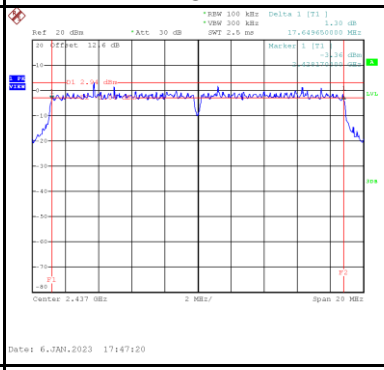
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.68	18.24	≥ 500	Pass
2437	17.65	18.16	≥ 500	Pass
2462	17.66	18.32	≥ 500	Pass
2467	17.59	18.16	≥ 500	Pass
2472	17.66	17.76	≥ 500	Pass

6dB Bandwidth

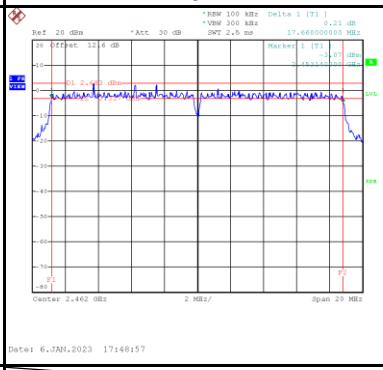
2412 MHz



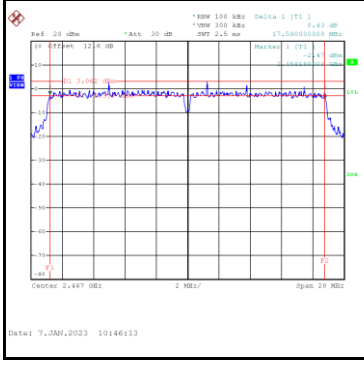
2437 MHz



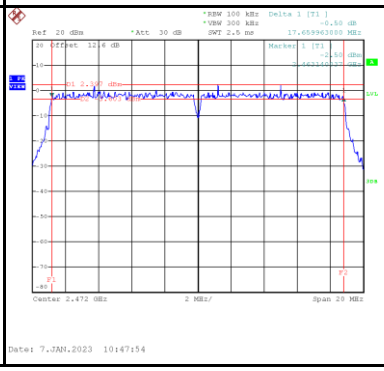
2462 MHz

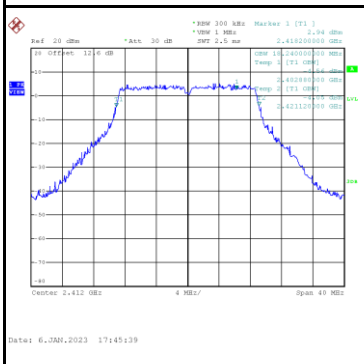
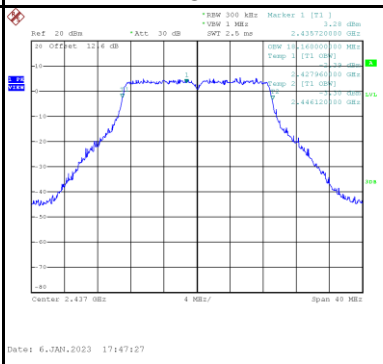
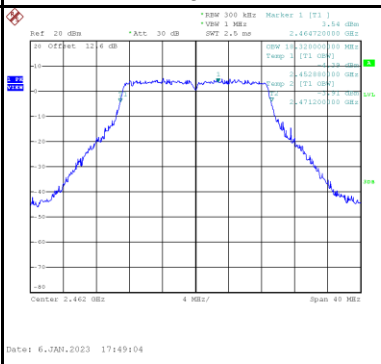
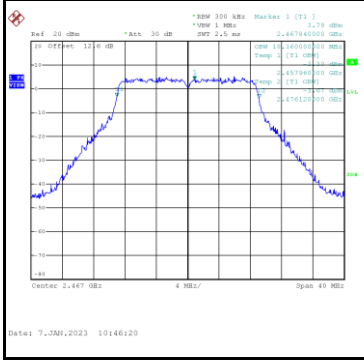
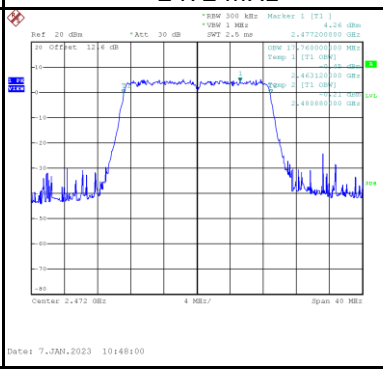


2467 MHz



2472 MHz



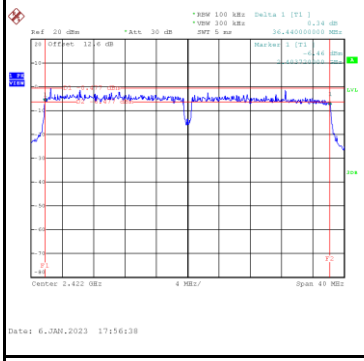
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	2472 MHz	
		

Test Mode	IEEE 802.11n (HT40)_Aux Antenna

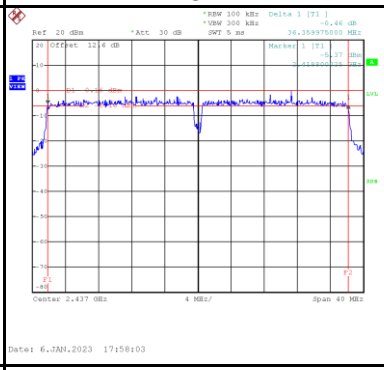
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	36.44	36.96	≥ 500	Pass
2437	36.36	36.96	≥ 500	Pass
2452	36.56	36.96	≥ 500	Pass
2457	32.63	36.32	≥ 500	Pass
2462	36.44	36.64	≥ 500	Pass

6dB Bandwidth

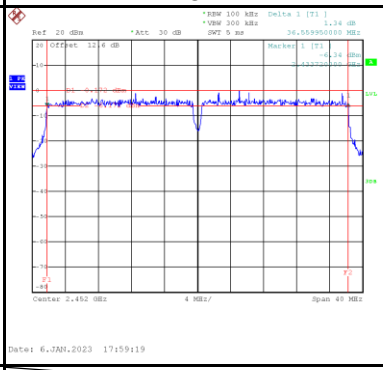
2422 MHz



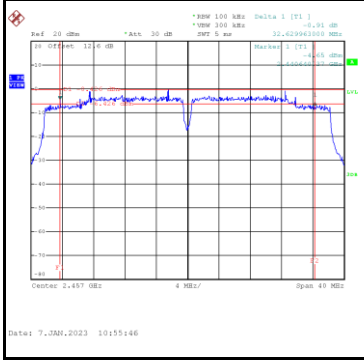
2437 MHz



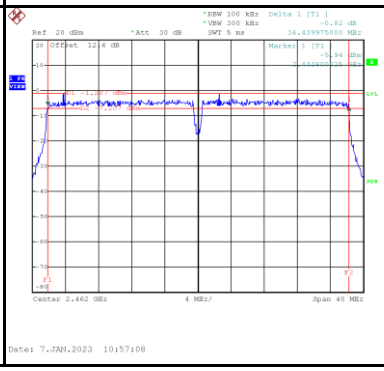
2452 MHz

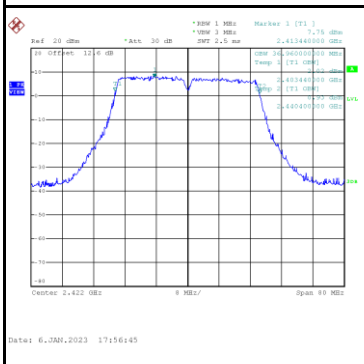
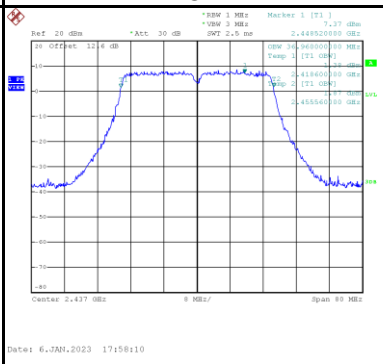
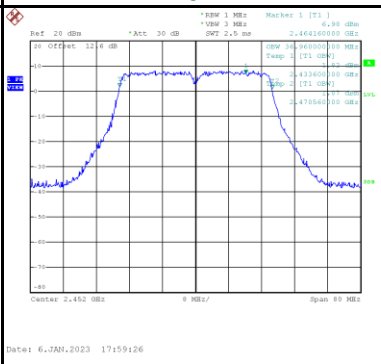
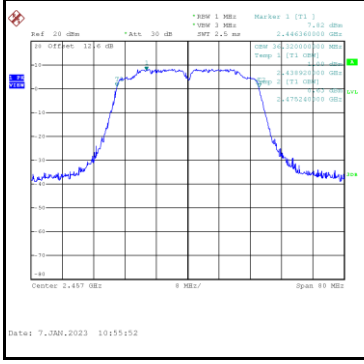
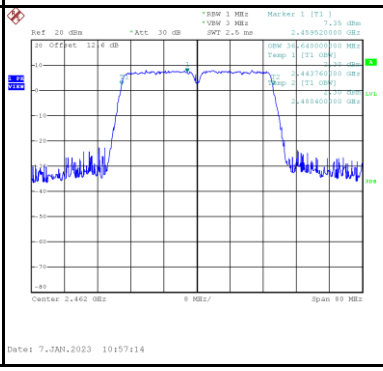


2457 MHz



2462 MHz



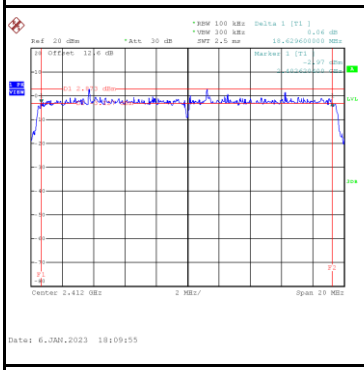
99% Occupied BW		
2422 MHz	2437 MHz	2452 MHz
		
2457 MHz	2462 MHz	
		

Test Mode	IEEE 802.11ax (HE20)_Aux Antenna

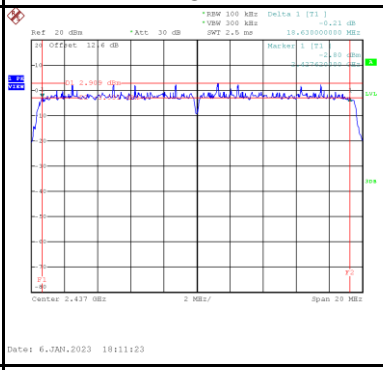
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	18.63	19.20	≥ 500	Pass
2437	18.63	19.20	≥ 500	Pass
2462	18.79	19.20	≥ 500	Pass
2467	19.04	19.20	≥ 500	Pass
2472	18.62	18.88	≥ 500	Pass

6dB Bandwidth

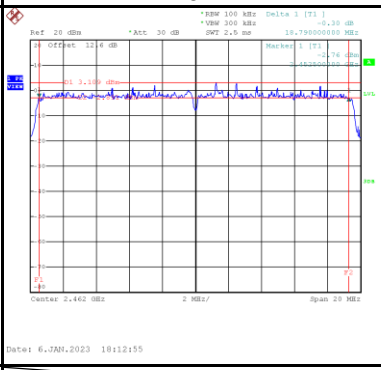
2412 MHz



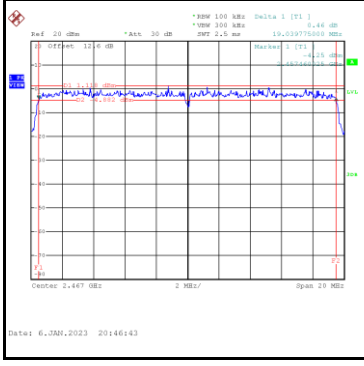
2437 MHz



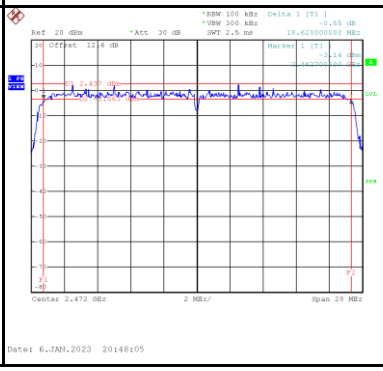
2462 MHz

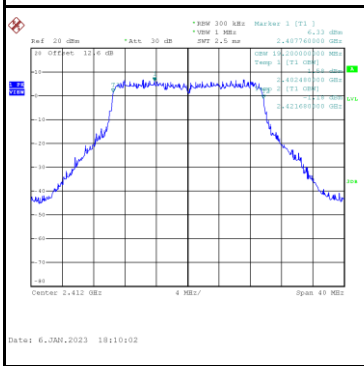
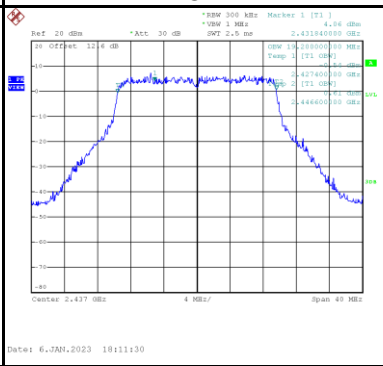
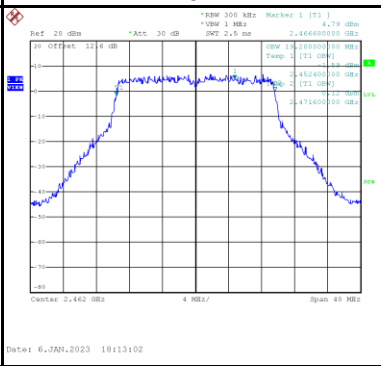
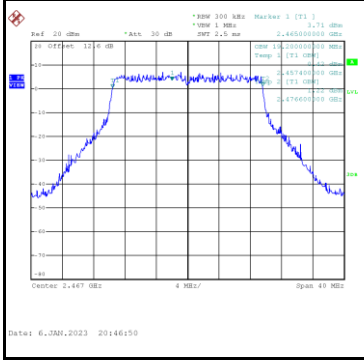
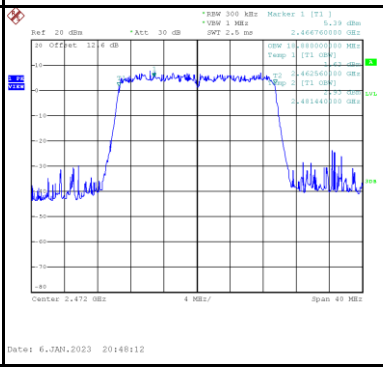


2467 MHz



2472 MHz



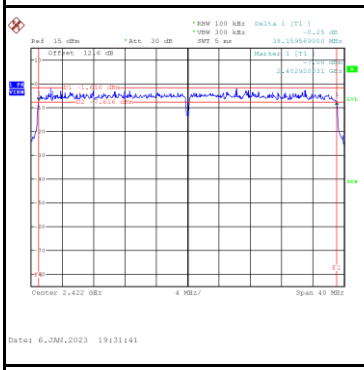
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	2472 MHz	
		

Test Mode	IEEE 802.11ax (HE40)_Aux Antenna

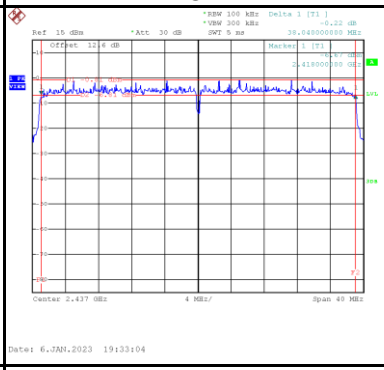
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	38.16	38.24	≥ 500	Pass
2437	38.04	38.24	≥ 500	Pass
2452	37.83	38.24	≥ 500	Pass
2457	35.11	37.60	≥ 500	Pass
2462	36.48	36.48	≥ 500	Pass

6dB Bandwidth

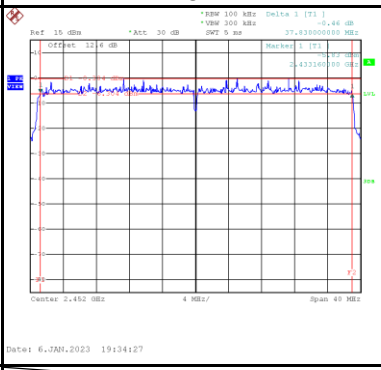
2422 MHz



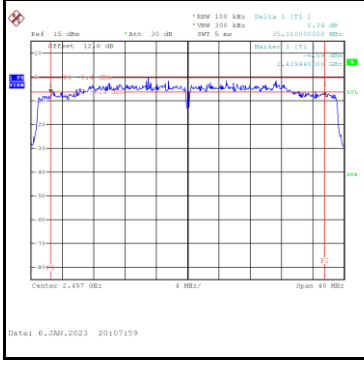
2437 MHz



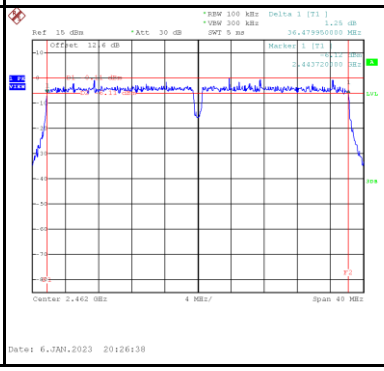
2452 MHz

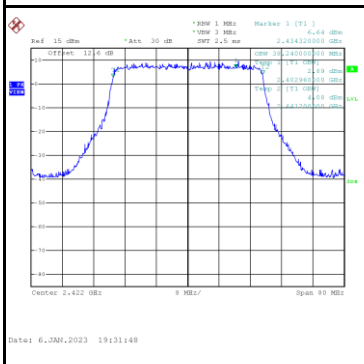
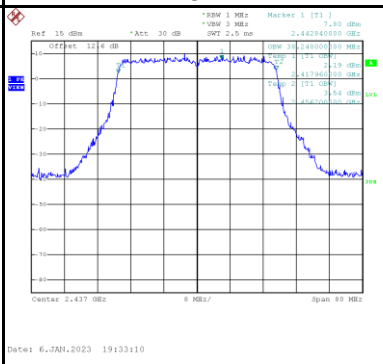
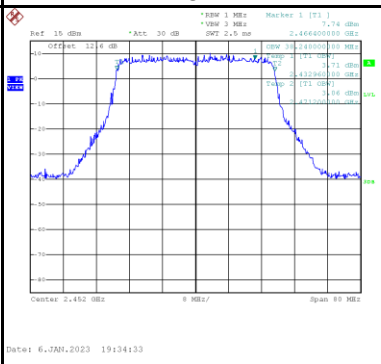
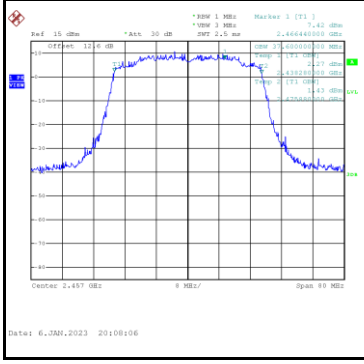
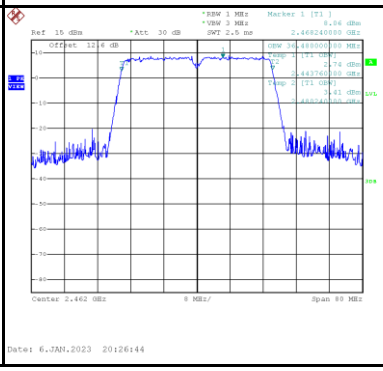


2457 MHz



2462 MHz



99% Occupied BW		
2422 MHz	2437 MHz	2452 MHz
		
2457 MHz	2462 MHz	
		

APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_Main Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.94	0.0783	30.00	1.0000	Complies
2437	18.83	0.0764	30.00	1.0000	Complies
2462	18.89	0.0774	30.00	1.0000	Complies
2467	19.07	0.0807	30.00	1.0000	Complies
2472	18.97	0.0789	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Main Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.88	0.1542	30.00	1.0000	Complies
2437	21.66	0.1466	30.00	1.0000	Complies
2462	21.52	0.1419	30.00	1.0000	Complies
2467	21.52	0.1419	30.00	1.0000	Complies
2472	24.75	0.2985	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Aux Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.01	0.0796	30.00	1.0000	Complies
2437	19.07	0.0807	30.00	1.0000	Complies
2462	19.03	0.0800	30.00	1.0000	Complies
2467	18.92	0.0780	30.00	1.0000	Complies
2472	19.14	0.0820	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Aux Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.67	0.1469	30.00	1.0000	Complies
2437	21.57	0.1435	30.00	1.0000	Complies
2462	21.77	0.1503	30.00	1.0000	Complies
2467	21.39	0.1377	30.00	1.0000	Complies
2472	24.84	0.3048	30.00	1.0000	Complies

MIMO Mode:

Test Mode	IEEE 802.11n (HT20)_Main Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.63	0.0729	30.00	1.0000	Complies
2437	18.72	0.0745	30.00	1.0000	Complies
2462	18.76	0.0752	30.00	1.0000	Complies
2467	18.83	0.0764	30.00	1.0000	Complies
2472	22.72	0.1871	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Aux Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.87	0.0971	30.00	1.0000	Complies
2437	18.97	0.0789	30.00	1.0000	Complies
2462	18.72	0.0745	30.00	1.0000	Complies
2467	18.94	0.0783	30.00	1.0000	Complies
2472	22.79	0.1901	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	22.30	0.1700	30.00	1.0000	Complies
2437	21.86	0.1534	30.00	1.0000	Complies
2462	21.75	0.1496	30.00	1.0000	Complies
2467	21.90	0.1547	30.00	1.0000	Complies
2472	25.77	0.3772	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Main Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.87	0.0771	30.00	1.0000	Complies
2437	19.02	0.0798	30.00	1.0000	Complies
2452	18.91	0.0778	30.00	1.0000	Complies
2457	20.92	0.1236	30.00	1.0000	Complies
2462	22.97	0.1982	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Aux Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	19.02	0.0798	30.00	1.0000	Complies
2437	18.99	0.0793	30.00	1.0000	Complies
2452	19.12	0.0817	30.00	1.0000	Complies
2457	20.95	0.1245	30.00	1.0000	Complies
2462	23.16	0.2070	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	21.96	0.1569	30.00	1.0000	Complies
2437	22.02	0.1590	30.00	1.0000	Complies
2452	22.03	0.1595	30.00	1.0000	Complies
2457	23.95	0.2480	30.00	1.0000	Complies
2462	26.08	0.4052	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Main Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.73	0.0746	30.00	1.0000	Complies
2437	18.76	0.0752	30.00	1.0000	Complies
2462	18.88	0.0773	30.00	1.0000	Complies
2467	18.69	0.0740	30.00	1.0000	Complies
2472	22.39	0.1734	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Aux Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.92	0.0780	30.00	1.0000	Complies
2437	18.87	0.0771	30.00	1.0000	Complies
2462	19.00	0.0794	30.00	1.0000	Complies
2467	19.03	0.0800	30.00	1.0000	Complies
2472	23.02	0.2004	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.84	0.1526	30.00	1.0000	Complies
2437	21.83	0.1523	30.00	1.0000	Complies
2462	21.95	0.1567	30.00	1.0000	Complies
2467	21.87	0.1539	30.00	1.0000	Complies
2472	25.73	0.3738	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_Main Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	19.01	0.0796	30.00	1.0000	Complies
2437	18.97	0.0789	30.00	1.0000	Complies
2452	18.86	0.0769	30.00	1.0000	Complies
2457	20.77	0.1194	30.00	1.0000	Complies
2462	22.99	0.1991	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_Aux Antenna	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	19.04	0.0802	30.00	1.0000	Complies
2437	19.02	0.0798	30.00	1.0000	Complies
2452	19.11	0.0815	30.00	1.0000	Complies
2457	20.66	0.1164	30.00	1.0000	Complies
2462	22.57	0.1807	30.00	1.0000	Complies

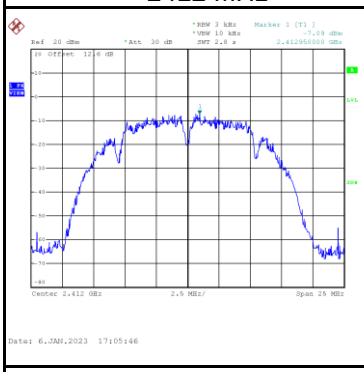
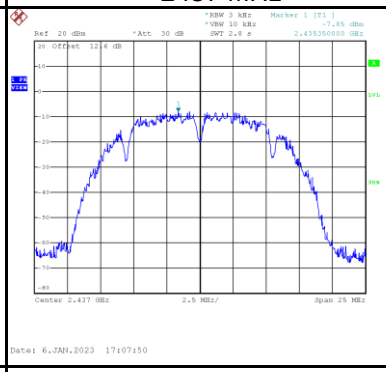
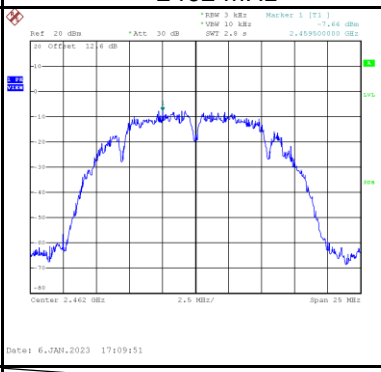
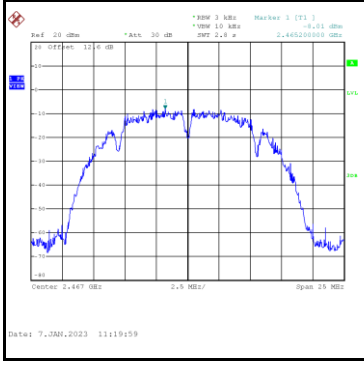
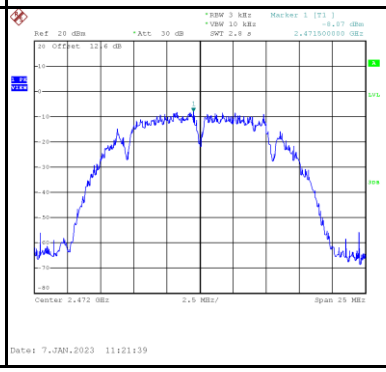
Test Mode	IEEE 802.11ax (HE40)_Total	Tested Date	2023/1/5

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	22.04	0.1598	30.00	1.0000	Complies
2437	22.01	0.1587	30.00	1.0000	Complies
2452	22.00	0.1584	30.00	1.0000	Complies
2457	23.73	0.2358	30.00	1.0000	Complies
2462	25.80	0.3798	30.00	1.0000	Complies

APPENDIX F POWER SPECTRAL DENSITY

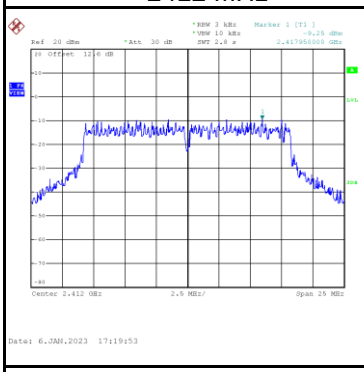
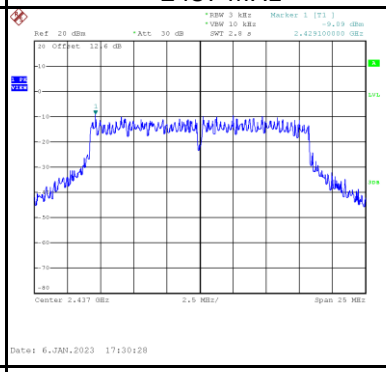
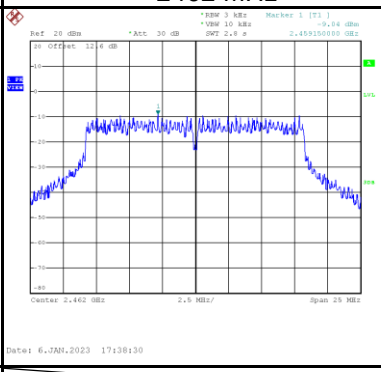
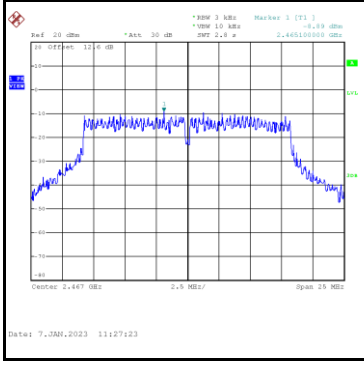
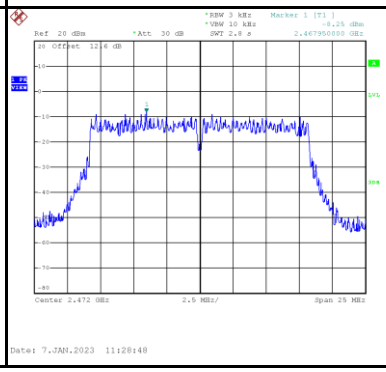
Test Mode	IEEE 802.11b_Main Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-7.09	8.00	Pass
2437	-7.85	8.00	Pass
2462	-7.66	8.00	Pass
2467	-8.01	8.00	Pass
2472	-8.07	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	**2472 MHz**	
		

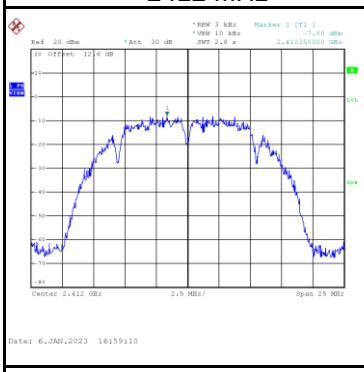
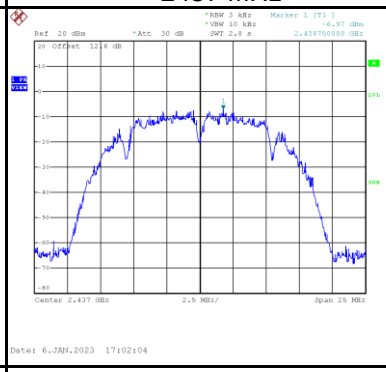
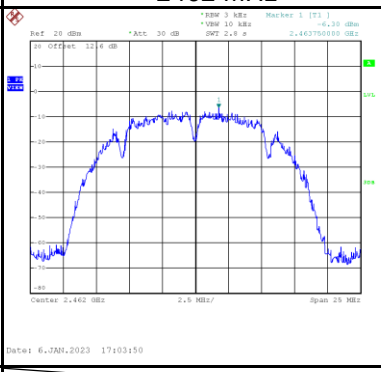
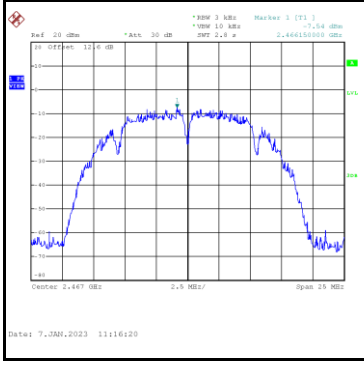
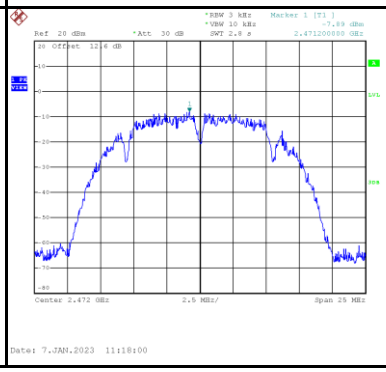
Test Mode	IEEE 802.11g_Main Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-9.25	8.00	Pass
2437	-9.09	8.00	Pass
2462	-9.04	8.00	Pass
2467	-8.89	8.00	Pass
2472	-8.25	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	**2472 MHz**	
		

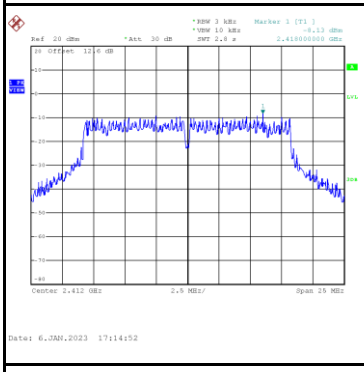
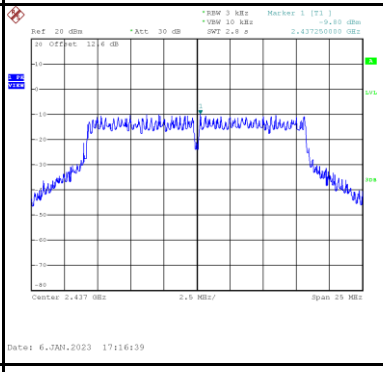
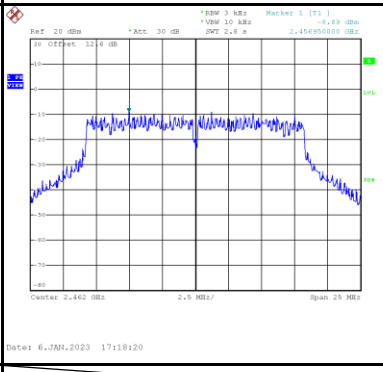
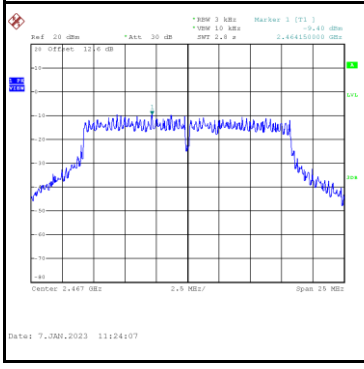
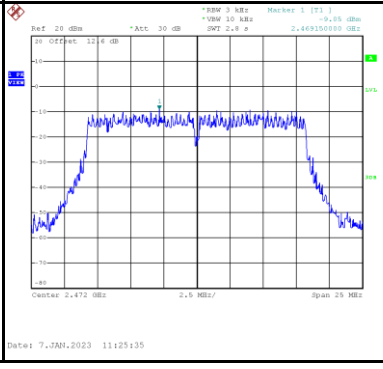
Test Mode	IEEE 802.11b_Aux Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-7.80	8.00	Pass
2437	-6.97	8.00	Pass
2462	-6.30	8.00	Pass
2467	-7.54	8.00	Pass
2472	-7.89	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	**2472 MHz**	
		

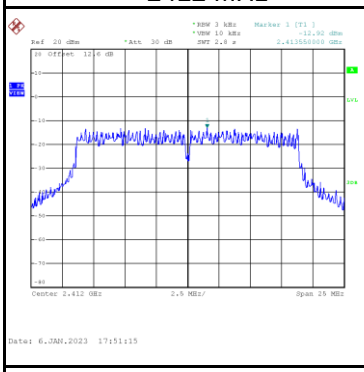
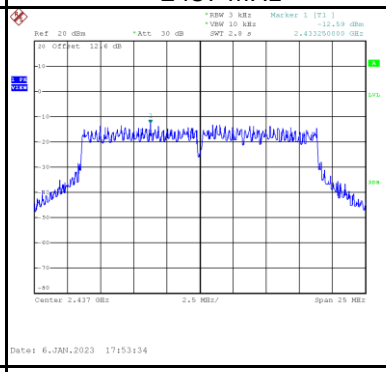
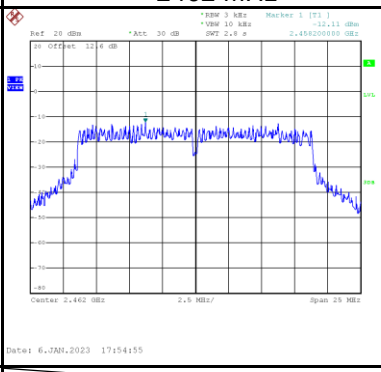
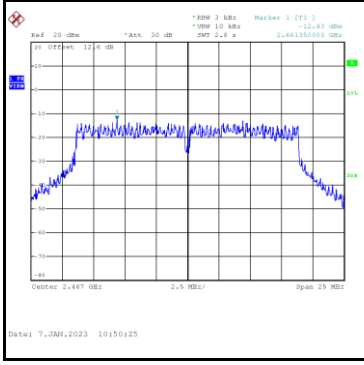
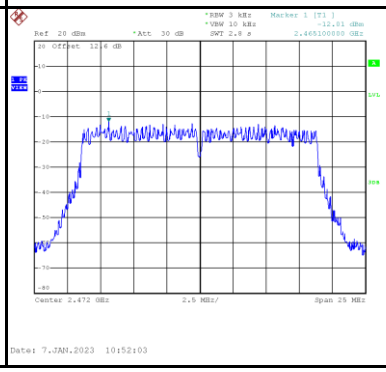
Test Mode	IEEE 802.11g_Aux Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-8.13	8.00	Pass
2437	-9.80	8.00	Pass
2462	-8.89	8.00	Pass
2467	-9.40	8.00	Pass
2472	-9.05	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	**2472 MHz**	
		

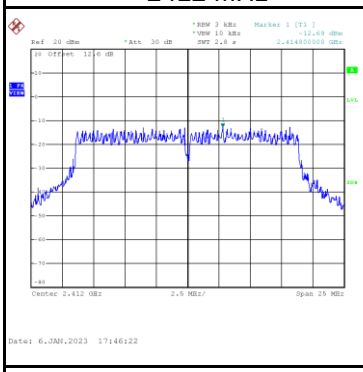
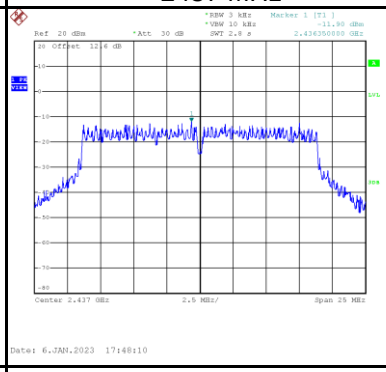
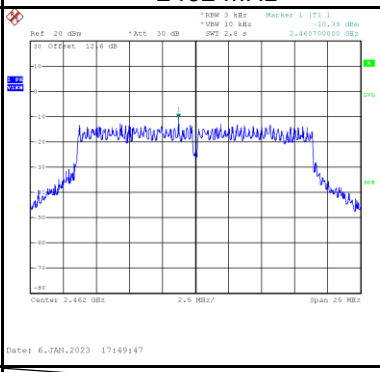
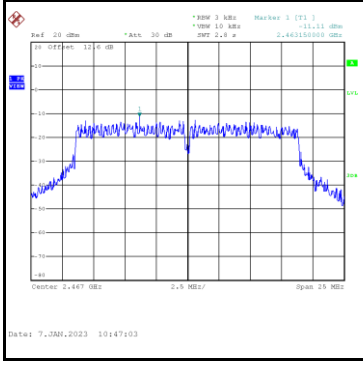
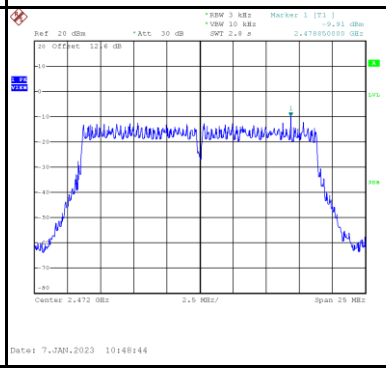
Test Mode	IEEE 802.11n (HT20)_Main Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-12.92	8.00	Pass
2437	-12.59	8.00	Pass
2462	-12.11	8.00	Pass
2467	-12.43	8.00	Pass
2472	-12.01	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	**2472 MHz**	
		

Test Mode	IEEE 802.11n (HT20)_Aux Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-12.69	8.00	Pass
2437	-11.90	8.00	Pass
2462	-10.39	8.00	Pass
2467	-11.11	8.00	Pass
2472	-9.91	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	**2472 MHz**	
		

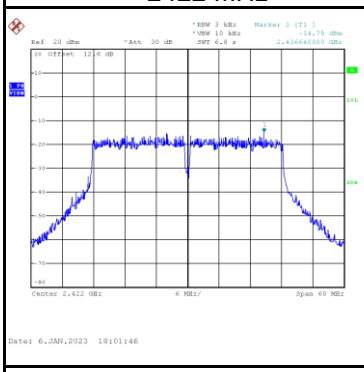
Test Mode	IEEE 802.11n (HT20)_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-9.79	8.00	Pass
2437	-9.22	8.00	Pass
2462	-8.16	8.00	Pass
2467	-8.71	8.00	Pass
2472	-7.82	8.00	Pass

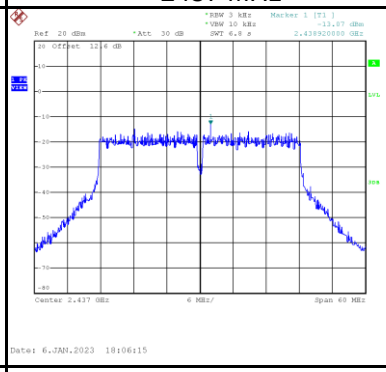
Test Mode	IEEE 802.11n (HT40)_Main Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-14.75	8.00	Pass
2437	-13.07	8.00	Pass
2452	-15.70	8.00	Pass
2457	-14.57	8.00	Pass
2462	-15.12	8.00	Pass

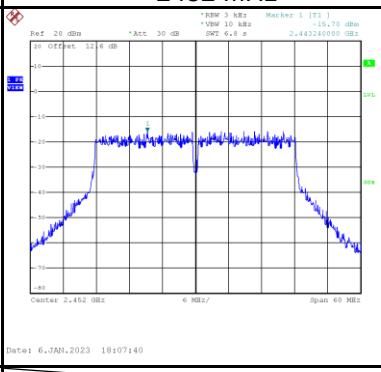
2422 MHz



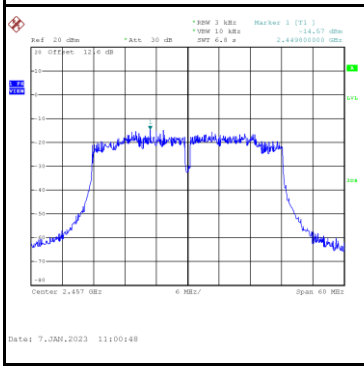
2437 MHz



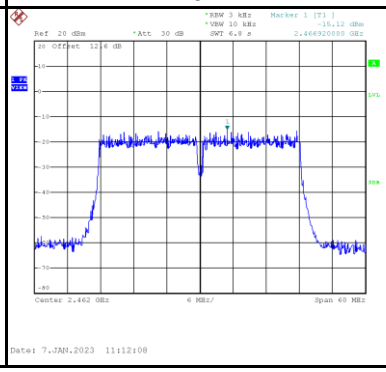
2452 MHz



2457 MHz

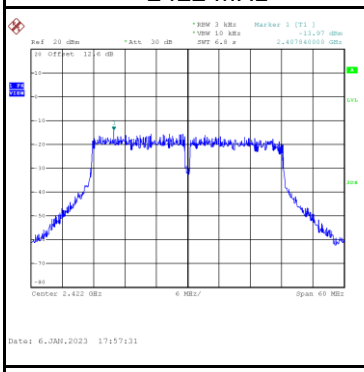
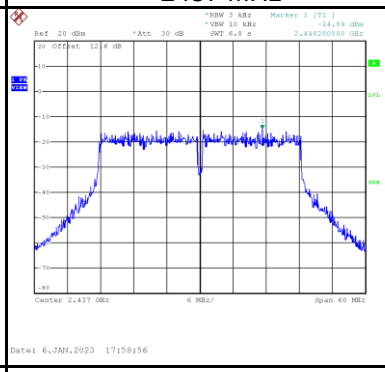
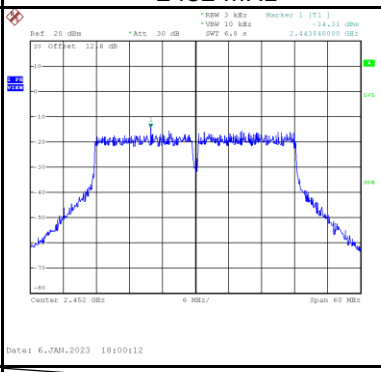
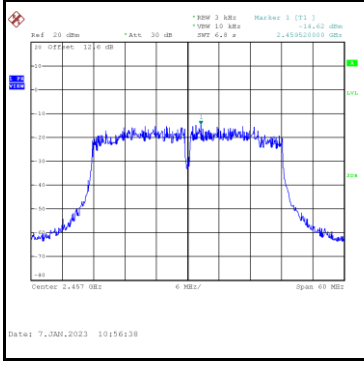
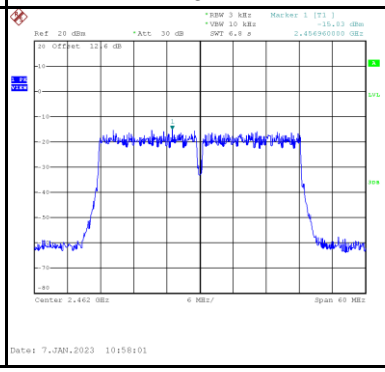


2462 MHz



Test Mode	IEEE 802.11n (HT40)_Aux Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-13.97	8.00	Pass
2437	-14.89	8.00	Pass
2452	-14.31	8.00	Pass
2457	-14.62	8.00	Pass
2462	-15.03	8.00	Pass

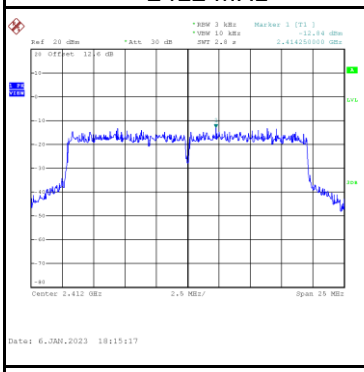
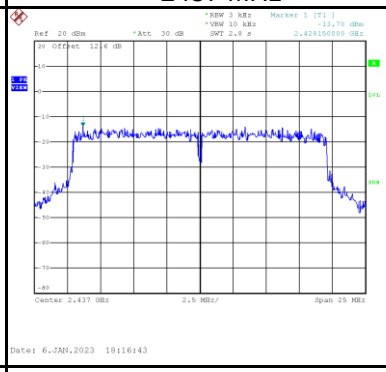
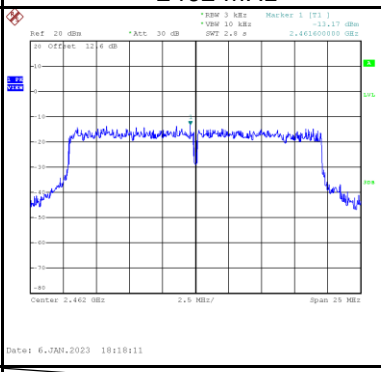
2422 MHz	2437 MHz	2452 MHz
		
2457 MHz	2462 MHz	
		

Test Mode	IEEE 802.11n (HT40)_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-11.33	8.00	Pass
2437	-10.88	8.00	Pass
2452	-11.94	8.00	Pass
2457	-11.58	8.00	Pass
2462	-12.06	8.00	Pass

Test Mode	IEEE 802.11ax (HE20)_Main Antenna

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-12.84	8.00	Pass
2437	-13.70	8.00	Pass
2462	-13.17	8.00	Pass
2467	-13.95	8.00	Pass
2472	-13.57	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		
2467 MHz	**2472 MHz**