FCC Radio Test Report

FCC ID: 2A2PW179641

Report No.	:	BTL-FCCP-2-2304G014
Equipment	:	Indoor Access Point
Model Name	:	AP-N515H
Brand Name	:	FS
Applicant	:	FS.COM Inc.
Address	:	380 Centerpoint Blvd, New Castle, DE 19720, United States
Manufacturer	:	FS.COM Inc.
Address	:	380 Centerpoint Blvd, New Castle, DE 19720, 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	:	2023/4/21
Date of Test	:	2023/10/27 ~ 2023/11/10
Issued Date	:	2024/1/15

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

Prepared by : Jerry Chuang, Supervisor

Approved by : Peter Chen, Manager

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.

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

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

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

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

Limitation

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

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

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2304G014	R00	Original Report.	2024/1/15	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

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

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.
The test location(s) used to collect the test data in this report are:
No. 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

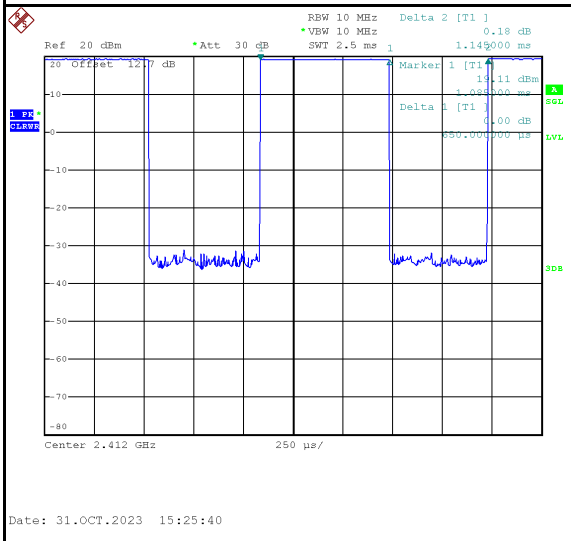
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	20 °C, 45 %	DC 48V	Jerry Chuang
Radiated emissions below 1 GHz	Refer to data	DC 48V	Mark Wang
Radiated emissions above 1 GHz	Refer to data	DC 48V	Mark Wang
Bandwidth	25.8 °C, 54 %	DC 48V	Jerry Chuang
Output Power	25.8 °C, 54 %	DC 48V	Jerry Chuang
Power Spectral Density	25.8 °C, 54 %	DC 48V	Jerry Chuang
Antenna conducted Spurious Emission	25.8 °C, 54 %	DC 48V	Jerry Chuang

1.4 DUTY CYCLE

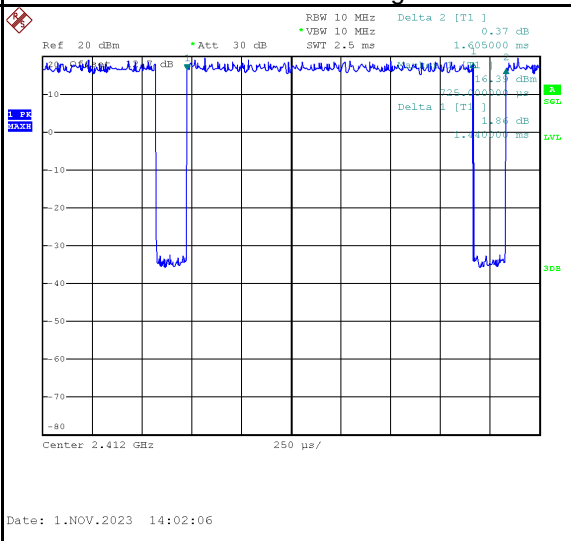
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	0.650	1	0.650	1.145	56.77%	2.46
IEEE 802.11g	1.440	1	1.440	1.605	89.72%	0.47
IEEE 802.11n (HT20)	5.457	1	5.457	6.205	87.95%	0.56
IEEE 802.11n (HT40)	5.440	1	5.440	6.137	88.64%	0.52
IEEE 802.11ax (HE20)	5.474	1	5.474	5.936	92.22%	0.35
IEEE 802.11ax (HE40)	5.460	1	5.460	5.992	91.12%	0.40

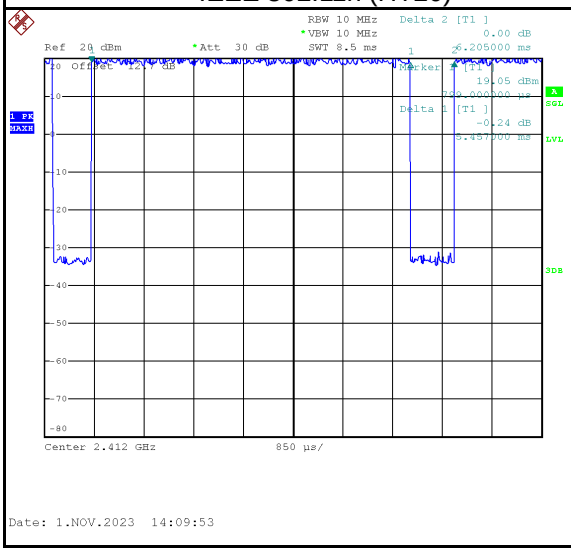
IEEE 802.11b



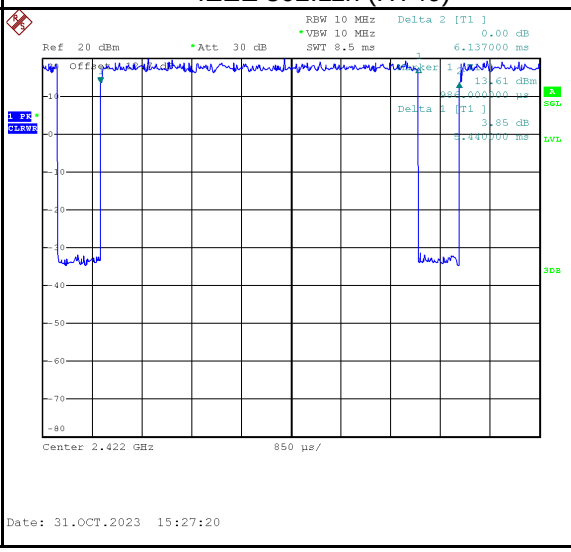
IEEE 802.11g

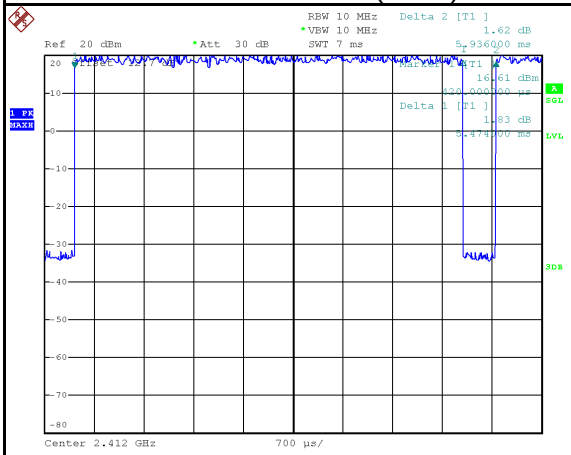
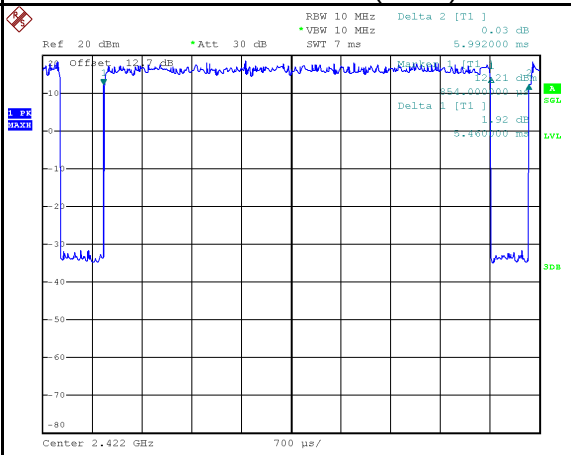


IEEE 802.11n (HT20)



IEEE 802.11n (HT40)



IEEE 802.11ax (HE20)	IEEE 802.11ax (HE40)
 Date: 1.NOV.2023 14:04:02	 Date: 31.OCT.2023 16:22:40

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Indoor Access Point
Model Name	AP-N515H
Brand Name	FS
Model Difference	N/A
Power Source	DC Voltage supplied from PoE adapter or AC adapter (Support unit).
Power Rating	PoE 48V⎓0.6A, DC 48V⎓0.6A
Products Covered	N/A
HW Version	V1.XX
SW Version	AP_FSOS 11.9
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Transfer Rate	IEEE 802.11b: 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
Maximum Output Power	IEEE 802.11b: 20.64 dBm (0.1158 W) IEEE 802.11g: 23.35 dBm (0.2164 W) IEEE 802.11n (HT20): 23.66 dBm (0.2324 W) IEEE 802.11n (HT40): 23.56 dBm (0.2268 W) IEEE 802.11ax (HE 20): 24.38 dBm (0.2739 W) IEEE 802.11ax (HE 40): 24.39 dBm (0.2748 W)
Test Software Version	Qualcomm RCT 4.0.00175.0
Test Model	AP-N515H
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	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	08	2447		

(3) Table for Filed Antenna:

Antenna	Manufacture	Model Name	Type	Connector	Frequency (MHz)	Gain (dBi)
2	SERCOMM	AP-N515H	PIFA	N/A	2400	3.4
					2450	3.7
					2500	3.6
3	SERCOMM	AP-N515H	PIFA	N/A	2400	5.5
					2450	5.5
					2500	5.6

NOTE:

(a) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

(b) For Power Spectral Density
Directional Gain = 10log $[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{Gn/20})^2/N_{ANT}]$ = 7.66 dBi > 6dBi.
The limits of Power Spectral Density and Output Power should be reduced 7.66 - 6 = 1.66 dB.

(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	2 TX
IEEE 802.11b	V (Antenna 2 + Antenna 3)
IEEE 802.11g	V (Antenna 2 + Antenna 3)
IEEE 802.11n (HT20)	V (Antenna 2 + Antenna 3)
IEEE 802.11n (HT40)	V (Antenna 2 + Antenna 3)
IEEE 802.11ax (HE20)	V (Antenna 2 + Antenna 3)
IEEE 802.11ax (HE40)	V (Antenna 2 + Antenna 3)

(6)
2.2 TEST MODES

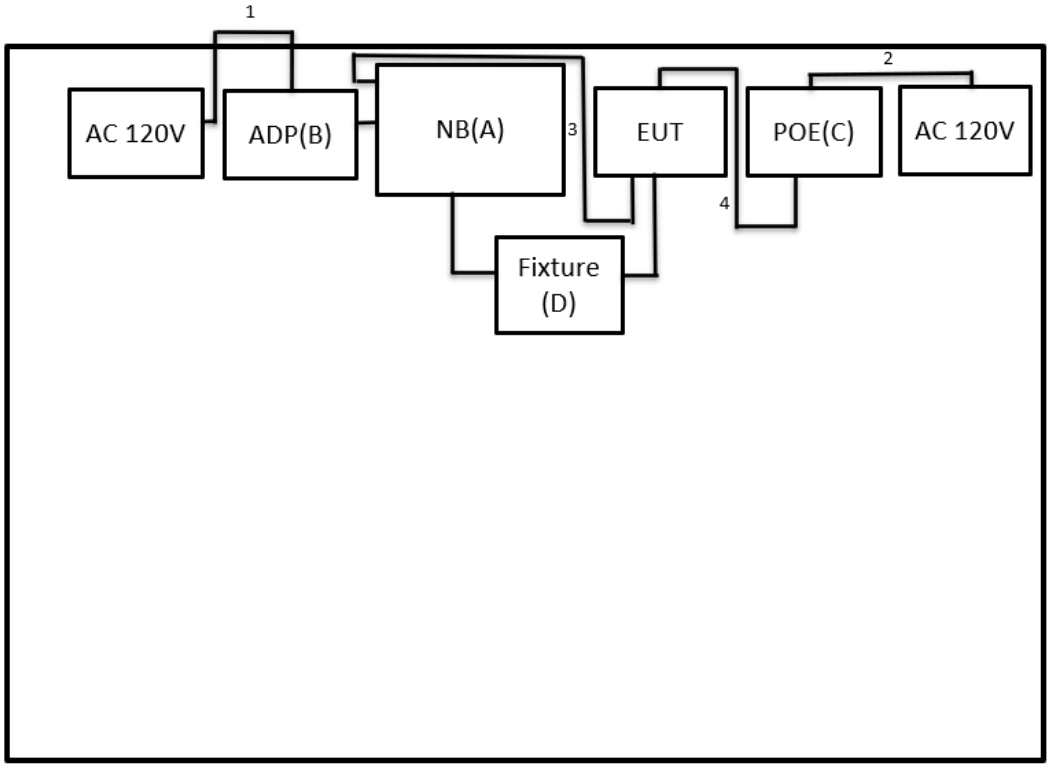
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	IEEE 802.11n (HT20)	11	-
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/11	Bandedge
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		
	IEEE 802.11n (HT40)	03/09	
	IEEE 802.11ax (HE40)		
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/06/11	Harmonic
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		
	IEEE 802.11n (HT40)	03/06/09	
	IEEE 802.11ax (HE40)		
Transmitter Radiated Emissions (above 18GHz)	IEEE 802.11n (HT20)	11	-
Bandwidth & Output Power & Power Spectral Density & Antenna conducted Spurious Emission	IEEE 802.11b	01/06/11	-
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		
	IEEE 802.11n (HT40)	03/06/09	
	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 (X 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.

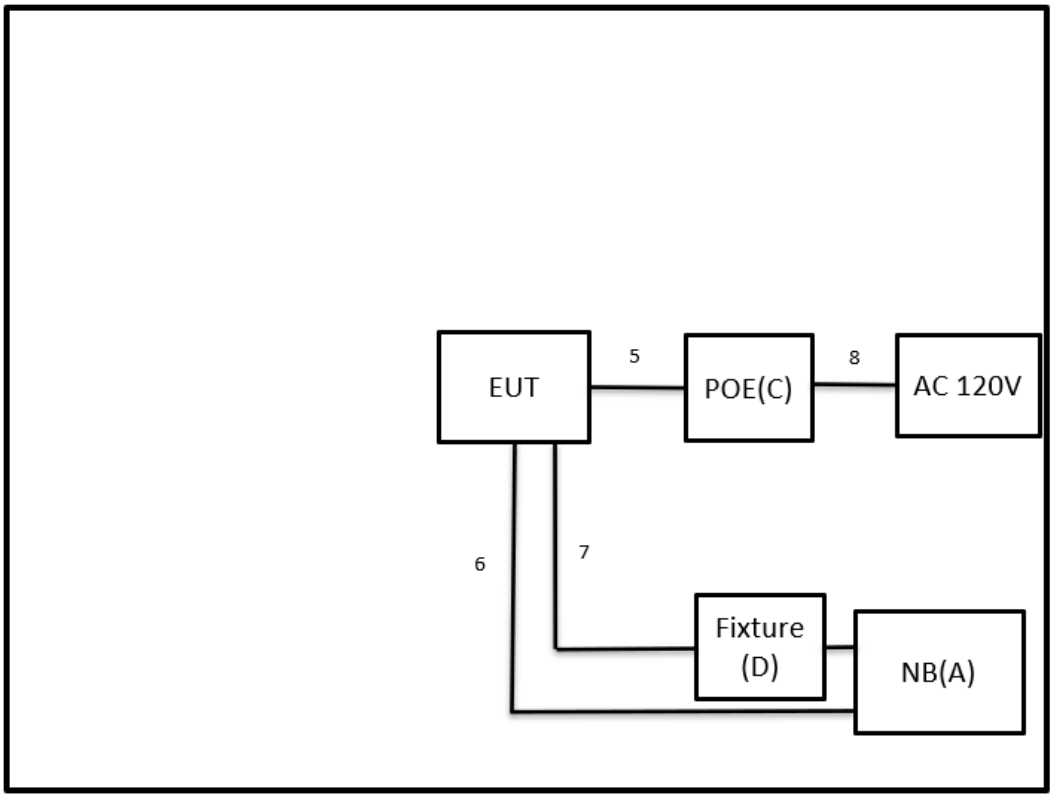
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC Power Line Conducted Emissions Test



Radiated Emissions Test



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	ASUS	X555LN-0021B4210	EAN0CCV31122642B	Furnished by test lab.
B	ADP	ASUS	ADP-POYD	N/A	Furnished by test lab.
C	POE	PLANET	POE-163(V2)	N/A	Furnished by test lab.
D	Fixture	N/A	N/A	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	1m	Power Cord	Furnished by test lab.
2	N/A	N/A	1m	Power Cord	Furnished by test lab.
3	N/A	N/A	0.5m	LAN Cable	Furnished by test lab.
4	N/A	N/A	0.5m	LAN Cable	Furnished by test lab.
5	N/A	N/A	1m	LAN Cable	Furnished by test lab.
6	N/A	N/A	2m	LAN Cable	Furnished by test lab.
7	N/A	N/A	1m	Micro USB	Furnished by test lab.
8	N/A	N/A	1m	Power Cord	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

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

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

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

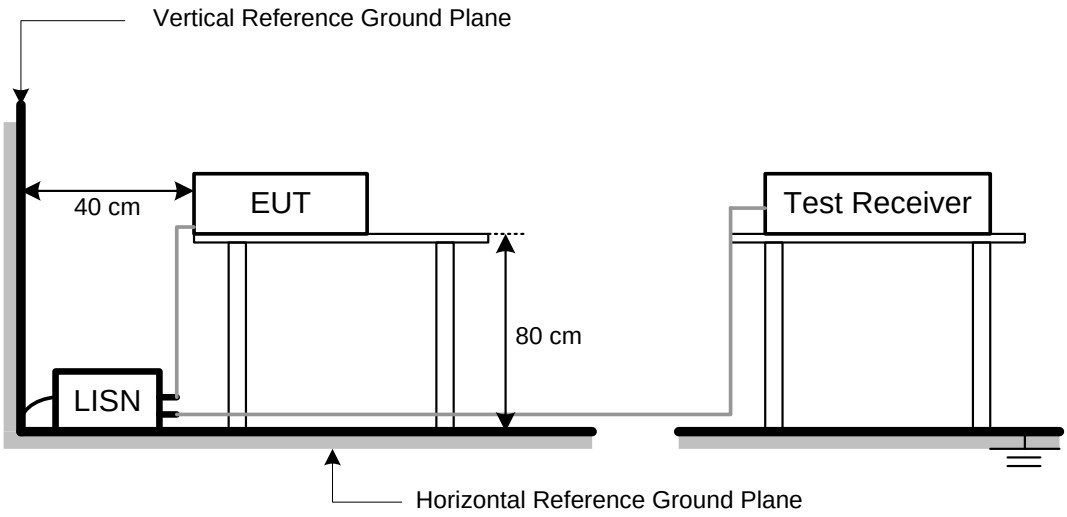
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.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

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

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

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

Measurement Value (dBuV/m)		Limit Value (dBuV/m)		Margin Level (dB)
21.22	-	54	=	-32.78

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

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

4.2 TEST PROCEDURE

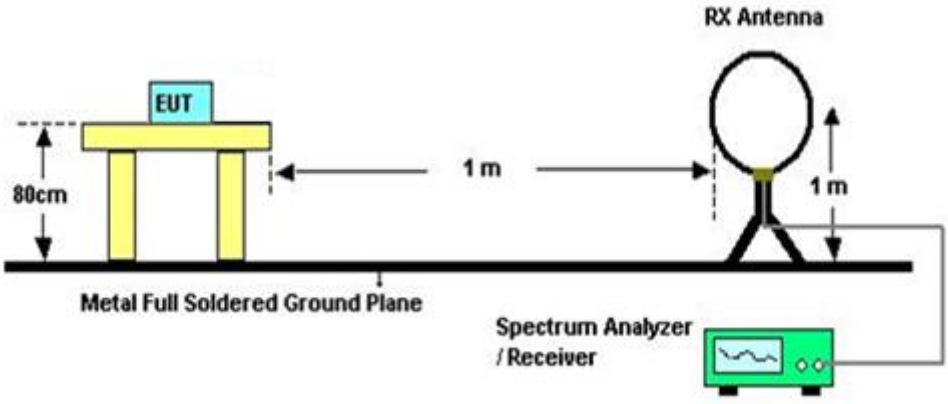
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.3 DEVIATION FROM TEST STANDARD

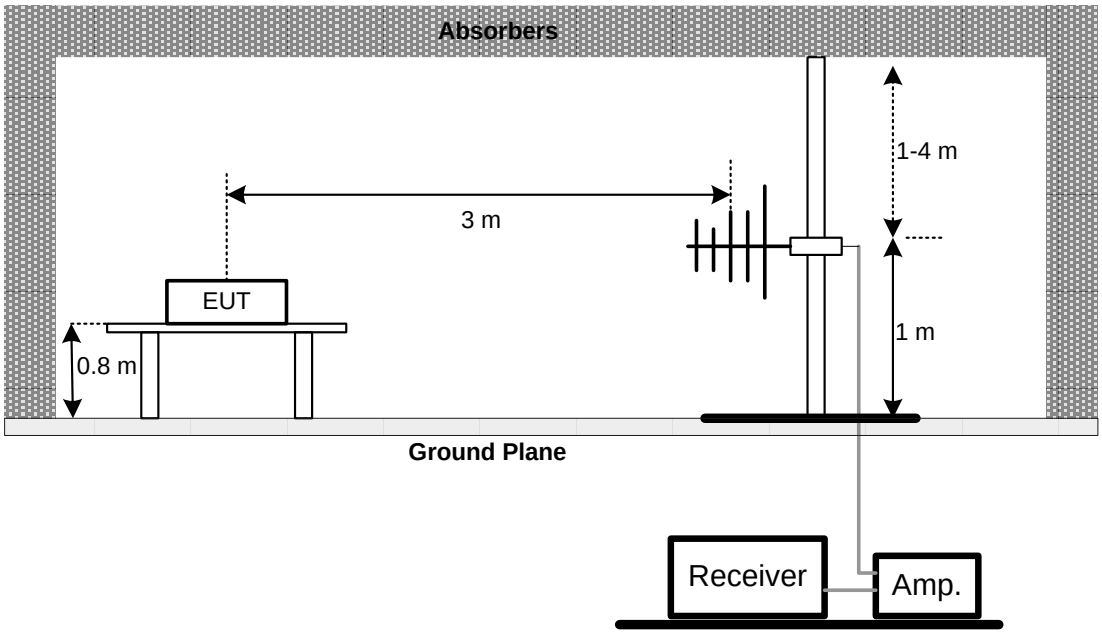
No deviation.

4.4 TEST SETUP

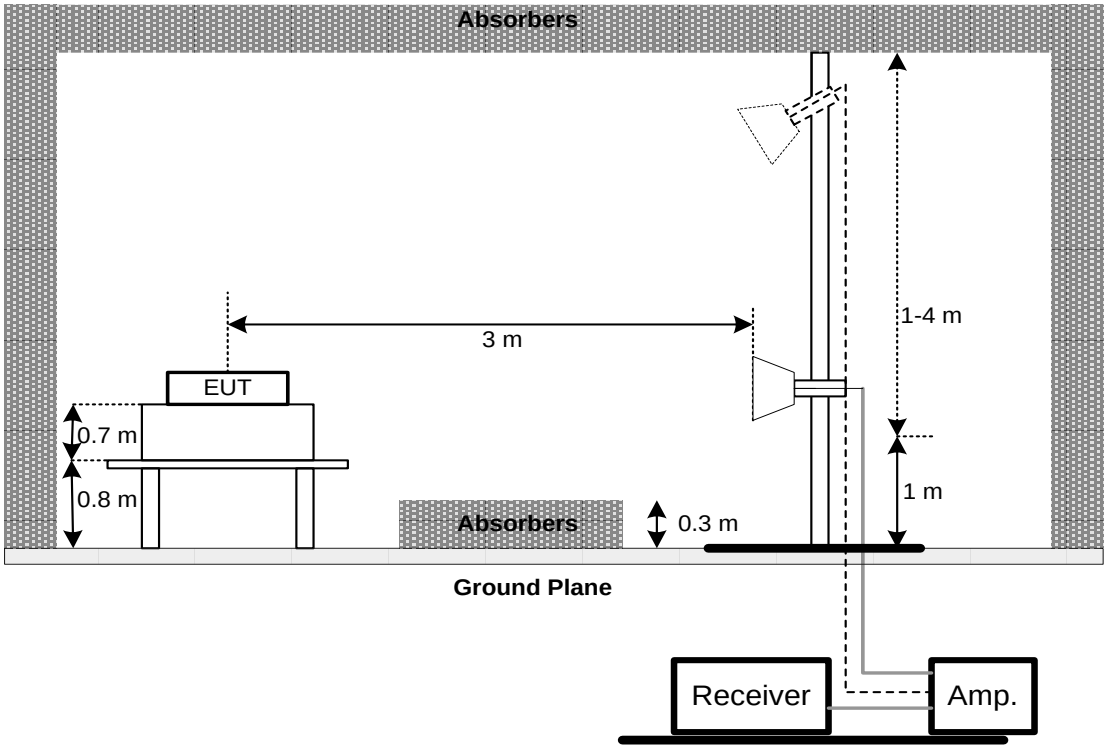
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

NOTE:

(1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
(2) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.6 TEST RESULT – 9kHz TO 30 MHz

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX D.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

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

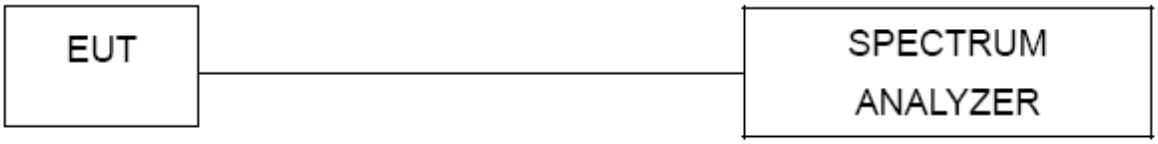
5.2 TEST PROCEDURE

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX E.

6 OUTPUT POWER TEST

6.1 LIMIT

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

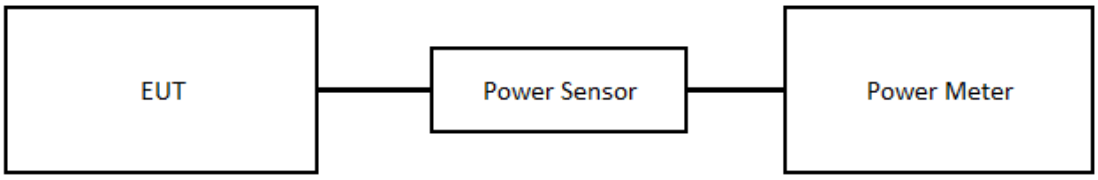
6.2 TEST PROCEDURE

a. The EUT was directly connected to the 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 F.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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

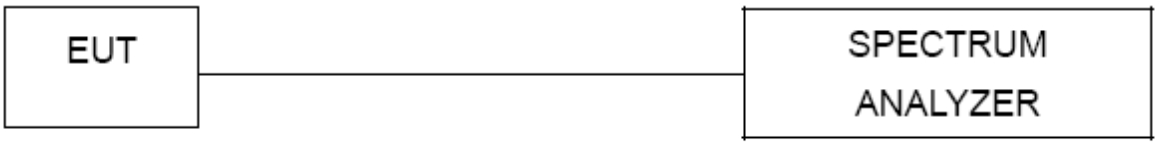
7.2 TEST PROCEDURE

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

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX G.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

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

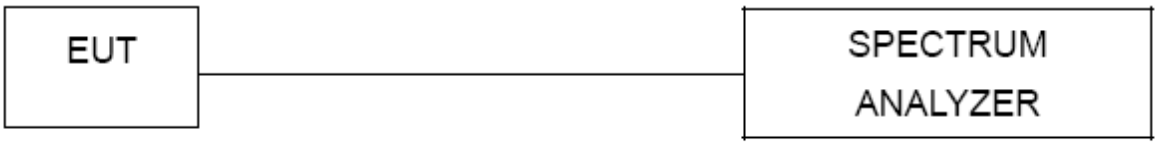
8.2 TEST PROCEDURE

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

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX H.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	2023/5/10	2024/5/9
2	Test Cable	EMCI	EMCCFD300-BM-BMR-5000	220331	2023/3/30	2024/3/29
3	EMI Test Receiver	R&S	ESR 7	101433	2023/11/10	2024/11/9
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	2023/9/6	2024/9/5
2	Preamplifier	EMCI	EMC118A45SE	980819	2023/3/7	2024/3/6
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2023/9/21	2024/9/20
4	Preamplifier	EMCI	EMC001340	980579	2023/9/6	2024/9/5
5	Test Cable	EMCI	EMC104-SM-1000	180809	2023/7/10	2024/7/9
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2023/3/14	2024/3/13
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2023/3/14	2024/3/13
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2023/9/12	2024/9/11
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2023/5/12	2024/5/11
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2023/5/12	2024/5/11
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
14	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2023/3/14	2024/3/13
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2023/3/14	2024/3/13
16	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2023/3/9	2024/3/8

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Power Meter	Anritsu	ML2495A	1128008	2023/5/12	2024/5/11
2	Power Sensor	Anritsu	MA2411B	1126001	2023/5/12	2024/5/11

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2023/3/9	2024/3/8

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2023/3/9	2024/3/8

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

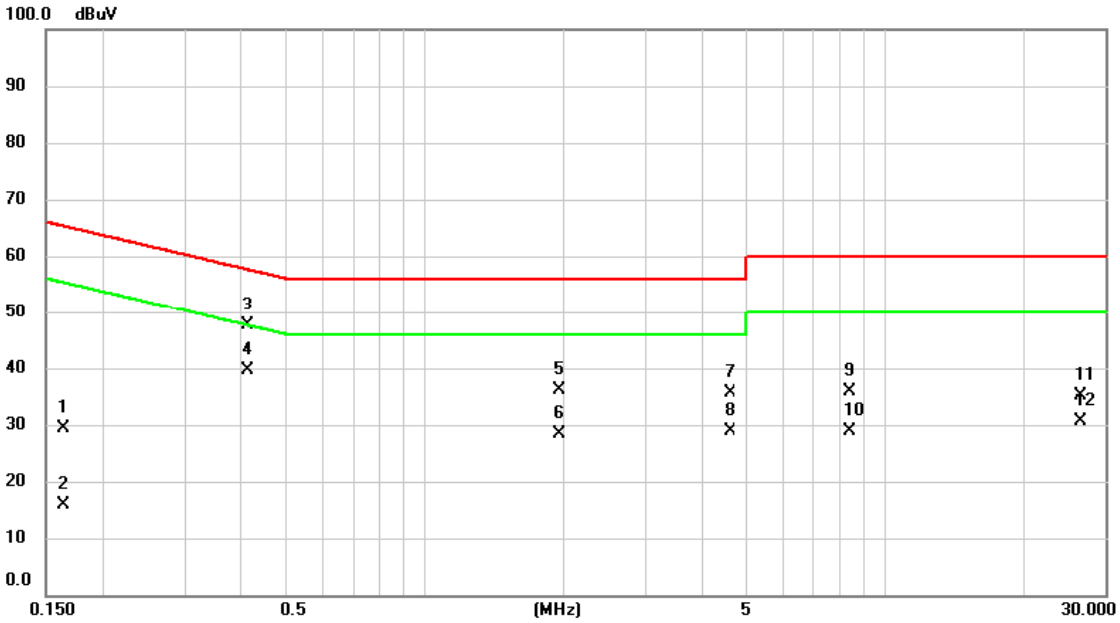
Please refer to document Appendix No.: TP-2304G014-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2304G014-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

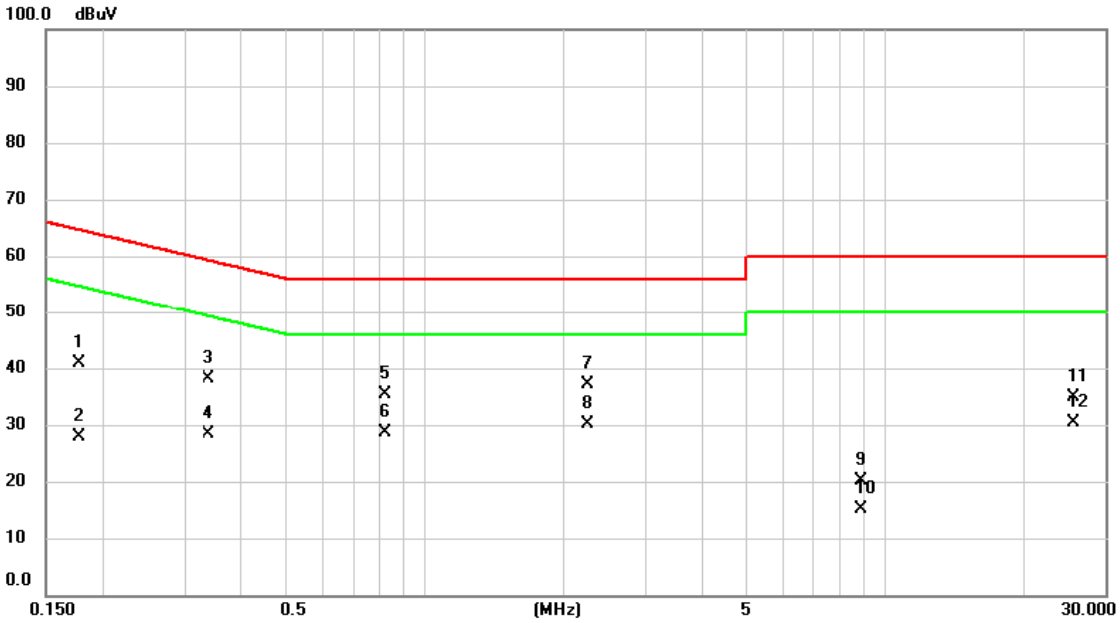
Test Mode	Normal	Tested Date	2023/11/3
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1644	19.83	9.67	29.50	65.24	-35.74	QP	
2		0.1644	6.10	9.67	15.77	55.24	-39.47	AVG	
3		0.4148	38.07	9.65	47.72	57.55	-9.83	QP	
4	*	0.4148	29.88	9.65	39.53	47.55	-8.02	AVG	
5		1.9490	26.32	9.71	36.03	56.00	-19.97	QP	
6		1.9490	18.74	9.71	28.45	46.00	-17.55	AVG	
7		4.6141	25.97	9.72	35.69	56.00	-20.31	QP	
8		4.6141	19.22	9.72	28.94	46.00	-17.06	AVG	
9		8.3523	25.96	9.80	35.76	60.00	-24.24	QP	
10		8.3523	19.16	9.80	28.96	50.00	-21.04	AVG	
11		26.4178	25.15	9.97	35.12	60.00	-24.88	QP	
12		26.4178	20.61	9.97	30.58	50.00	-19.42	AVG	

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

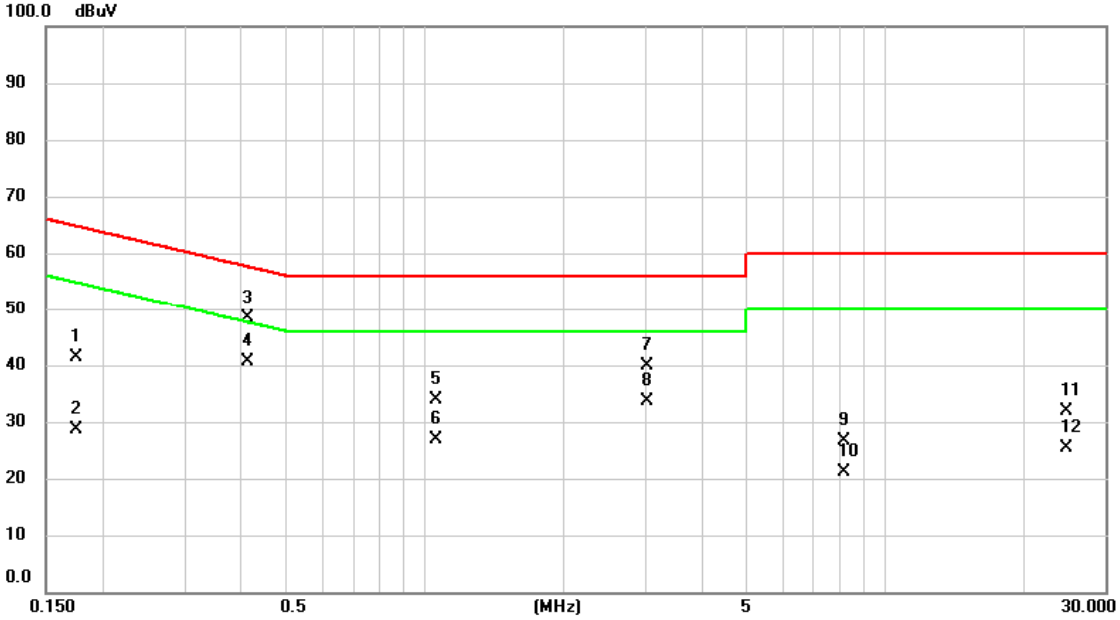
Test Mode	Normal	Tested Date	2023/11/3
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1777	31.23	9.72	40.95	64.59	-23.64	QP	
2		0.1777	18.06	9.72	27.78	54.59	-26.81	AVG	
3		0.3380	28.45	9.70	38.15	59.25	-21.10	QP	
4		0.3380	18.73	9.70	28.43	49.25	-20.82	AVG	
5		0.8174	25.71	9.69	35.40	56.00	-20.60	QP	
6		0.8174	18.89	9.69	28.58	46.00	-17.42	AVG	
7		2.2447	27.31	9.76	37.07	56.00	-18.93	QP	
8	*	2.2447	20.47	9.76	30.23	46.00	-15.77	AVG	
9		8.8380	10.23	9.85	20.08	60.00	-39.92	QP	
10		8.8380	5.35	9.85	15.20	50.00	-34.80	AVG	
11		25.5010	24.85	10.07	34.92	60.00	-25.08	QP	
12		25.5010	20.21	10.07	30.28	50.00	-19.72	AVG	

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

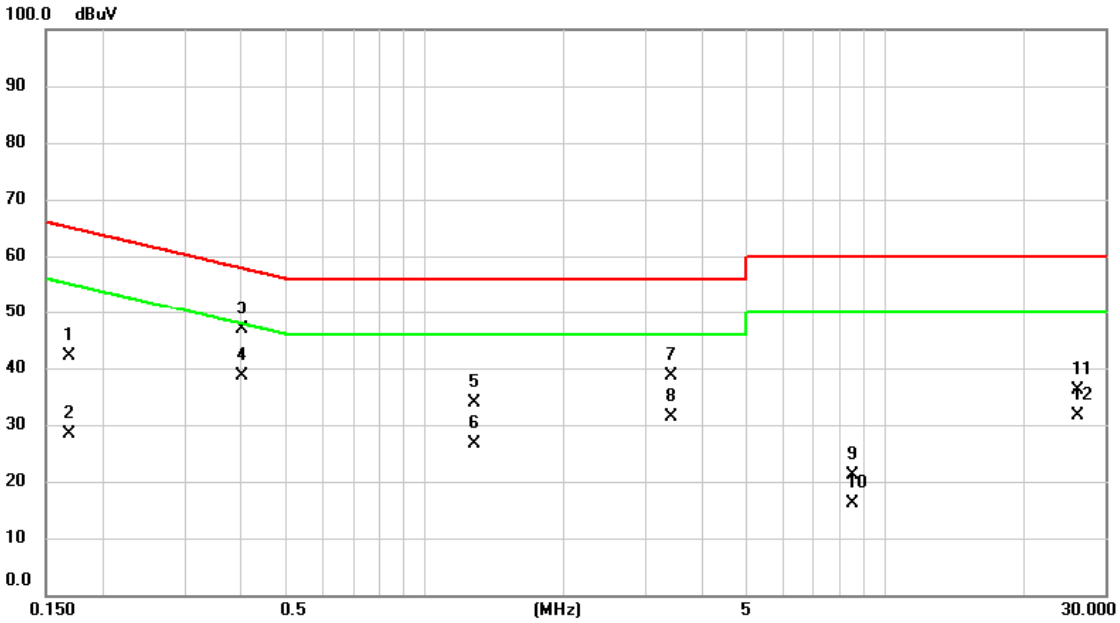
Test Mode	Idle	Tested Date	2023/11/3
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1740	31.61	9.67	41.28	64.77	-23.49	QP	
2		0.1740	19.08	9.67	28.75	54.77	-26.02	AVG	
3		0.4120	38.83	9.65	48.48	57.61	-9.13	QP	
4	*	0.4120	30.87	9.65	40.52	47.61	-7.09	AVG	
5		1.0615	24.21	9.65	33.86	56.00	-22.14	QP	
6		1.0615	17.21	9.65	26.86	46.00	-19.14	AVG	
7		3.0414	30.27	9.70	39.97	56.00	-16.03	QP	
8		3.0414	23.94	9.70	33.64	46.00	-12.36	AVG	
9		8.1196	16.85	9.78	26.63	60.00	-33.37	QP	
10		8.1196	11.24	9.78	21.02	50.00	-28.98	AVG	
11		24.7904	21.98	9.96	31.94	60.00	-28.06	QP	
12		24.7904	15.53	9.96	25.49	50.00	-24.51	AVG	

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

Test Mode	Idle	Tested Date	2023/11/3
Test Frequency	-	Phase	Neutral

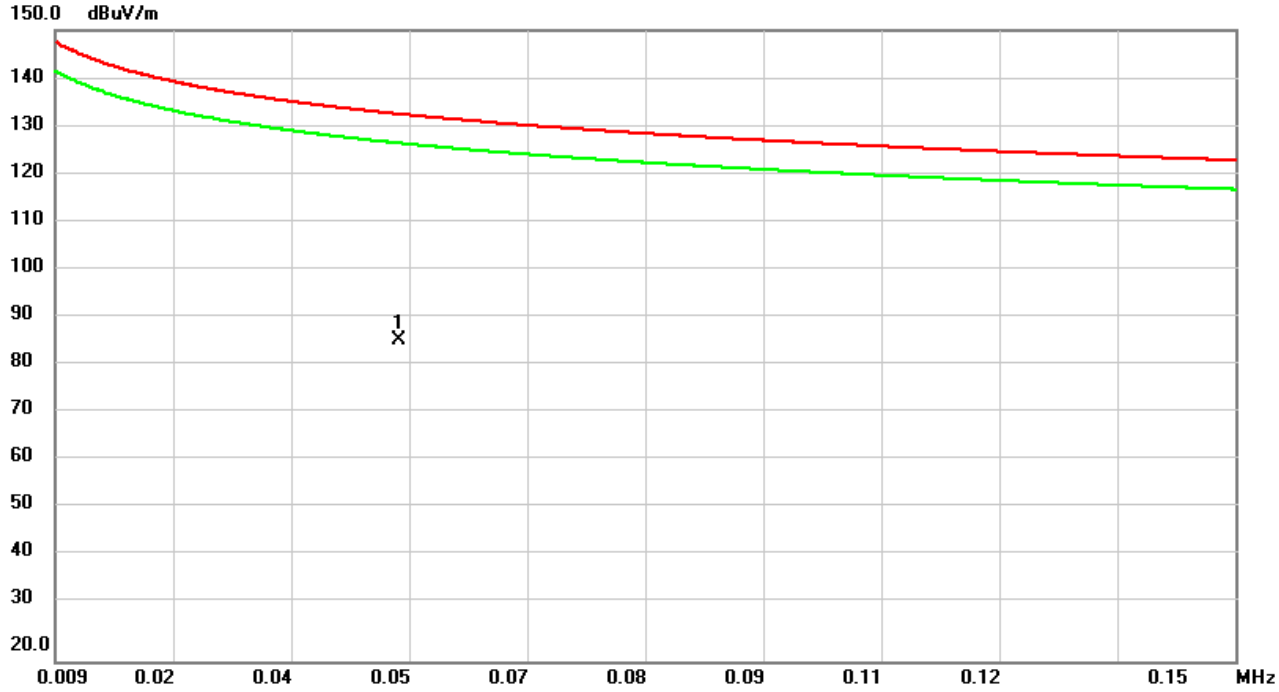


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1680	32.52	9.73	42.25	65.06	-22.81	QP	
2		0.1680	18.66	9.73	28.39	55.06	-26.67	AVG	
3		0.4032	37.25	9.70	46.95	57.79	-10.84	QP	
4	*	0.4032	28.88	9.70	38.58	47.79	-9.21	AVG	
5		1.2756	24.11	9.71	33.82	56.00	-22.18	QP	
6		1.2756	16.86	9.71	26.57	46.00	-19.43	AVG	
7		3.4054	28.77	9.75	38.52	56.00	-17.48	QP	
8		3.4054	21.69	9.75	31.44	46.00	-14.56	AVG	
9		8.5312	11.23	9.85	21.08	60.00	-38.92	QP	
10		8.5312	6.22	9.85	16.07	50.00	-33.93	AVG	
11		26.2318	26.01	10.07	36.08	60.00	-23.92	QP	
12		26.2318	21.44	10.07	31.51	50.00	-18.49	AVG	

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

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

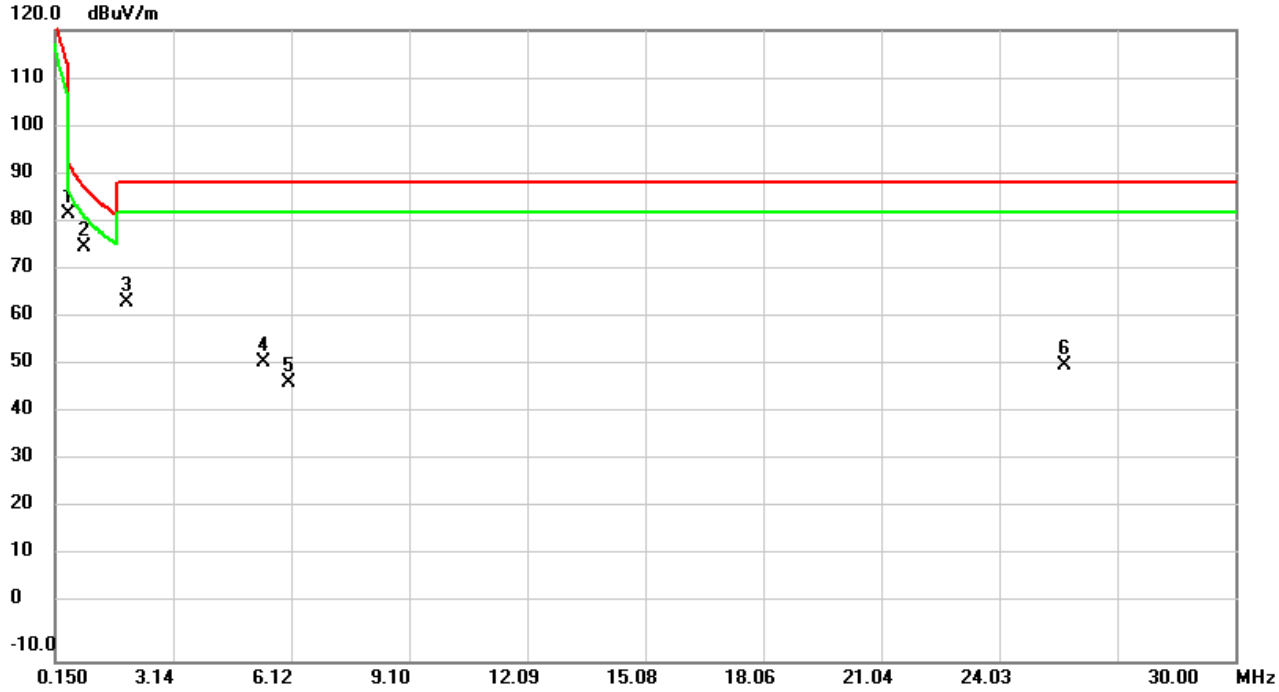
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/10
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0501	62.76	23.31	86.07	132.69	-46.62	peak	

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

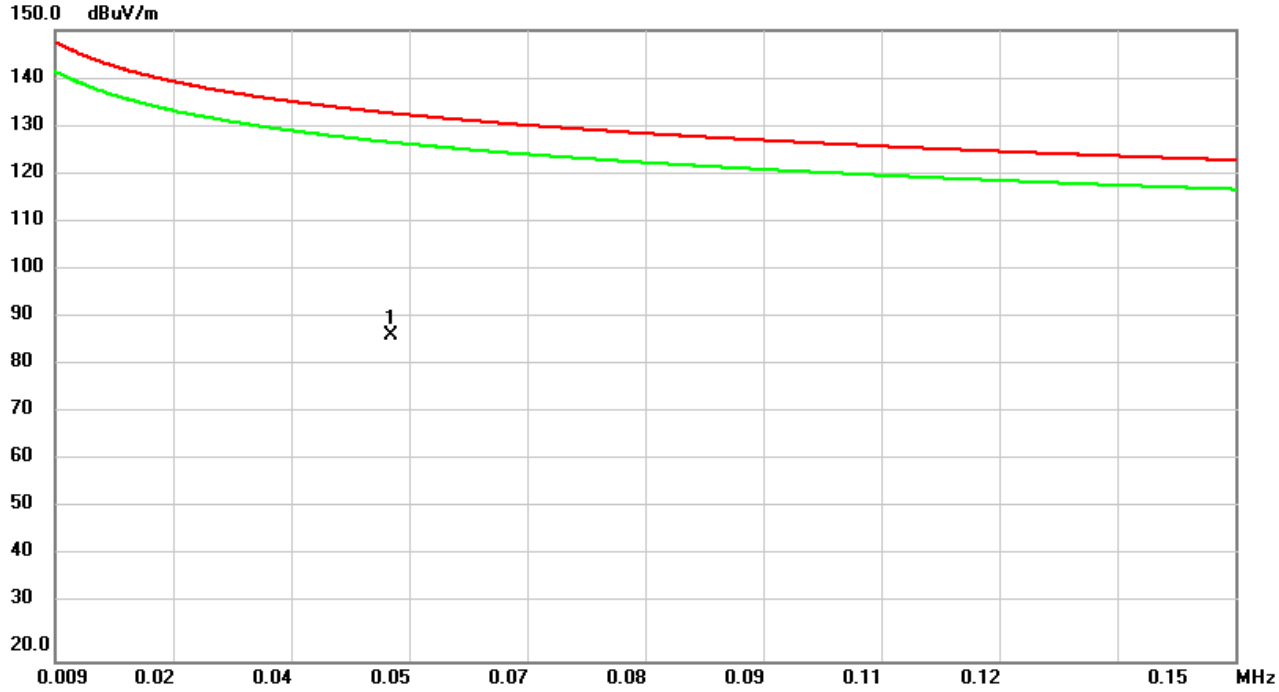
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/10
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.4684	76.67	5.63	82.30	113.27	-30.97	peak	
2	*	0.9002	73.44	1.71	75.15	87.59	-12.44	peak	
3		1.9440	65.73	-1.64	64.09	88.62	-24.53	peak	
4		5.4334	55.87	-4.35	51.52	88.62	-37.10	peak	
5		6.0683	51.70	-4.19	47.51	88.62	-41.11	peak	
6		25.6887	52.40	-1.41	50.99	88.62	-37.63	peak	

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

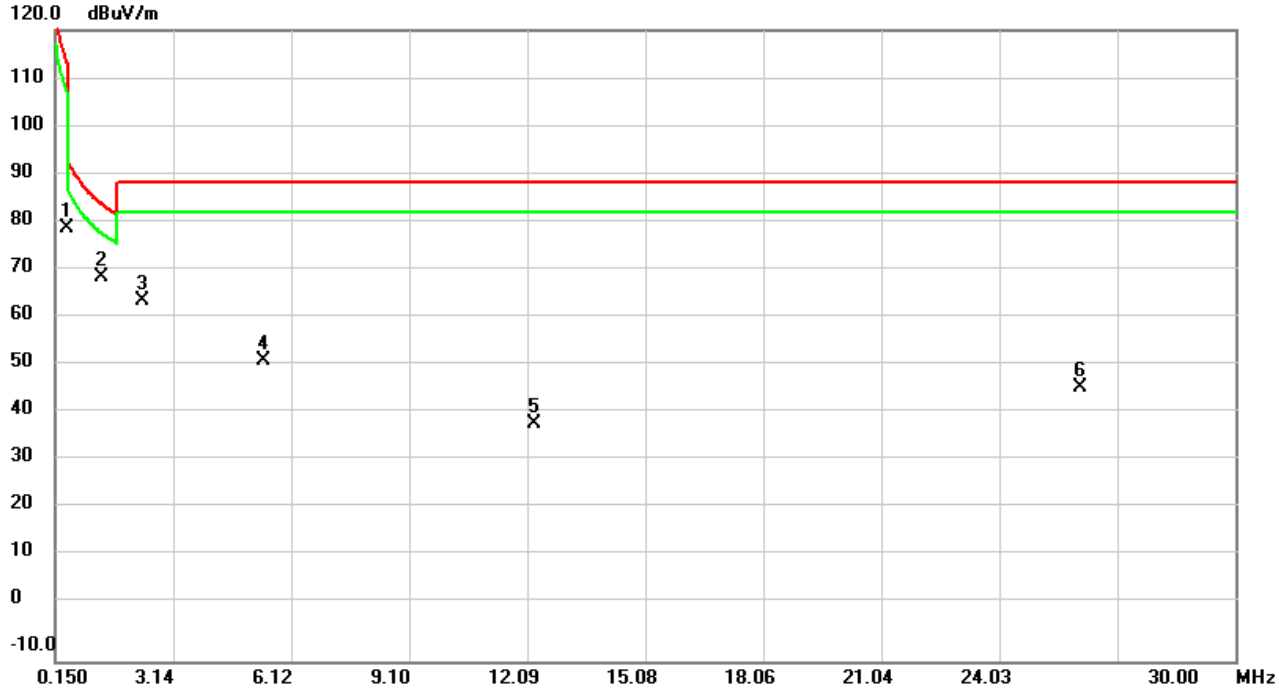
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/10
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0492	63.50	23.52	87.02	132.85	-45.83	peak	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/10
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	59%

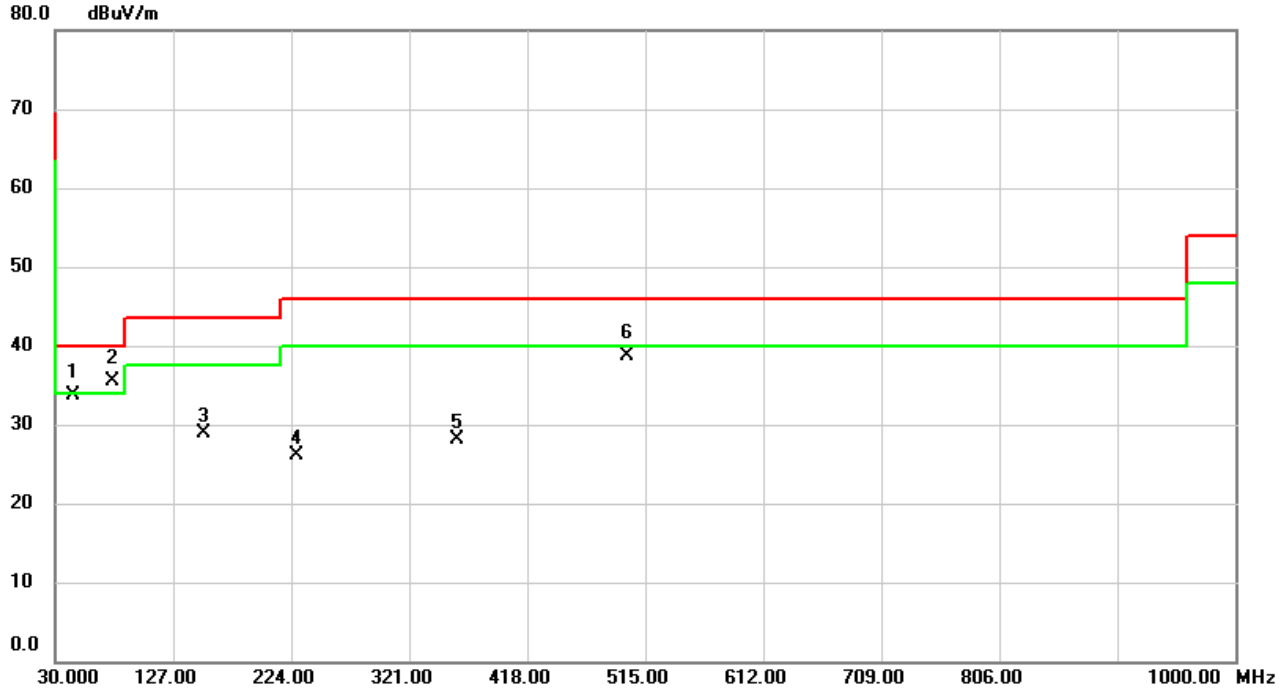


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.4594	73.54	5.76	79.30	113.44	-34.14	peak	
2	*	1.3350	69.33	-0.05	69.28	84.17	-14.89	peak	
3		2.3708	66.78	-2.53	64.25	88.62	-24.37	peak	
4		5.4334	56.35	-4.35	52.00	88.62	-36.62	peak	
5		12.2552	42.22	-3.40	38.82	88.62	-49.80	peak	
6		26.0608	47.70	-1.23	46.47	88.62	-42.15	peak	

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

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

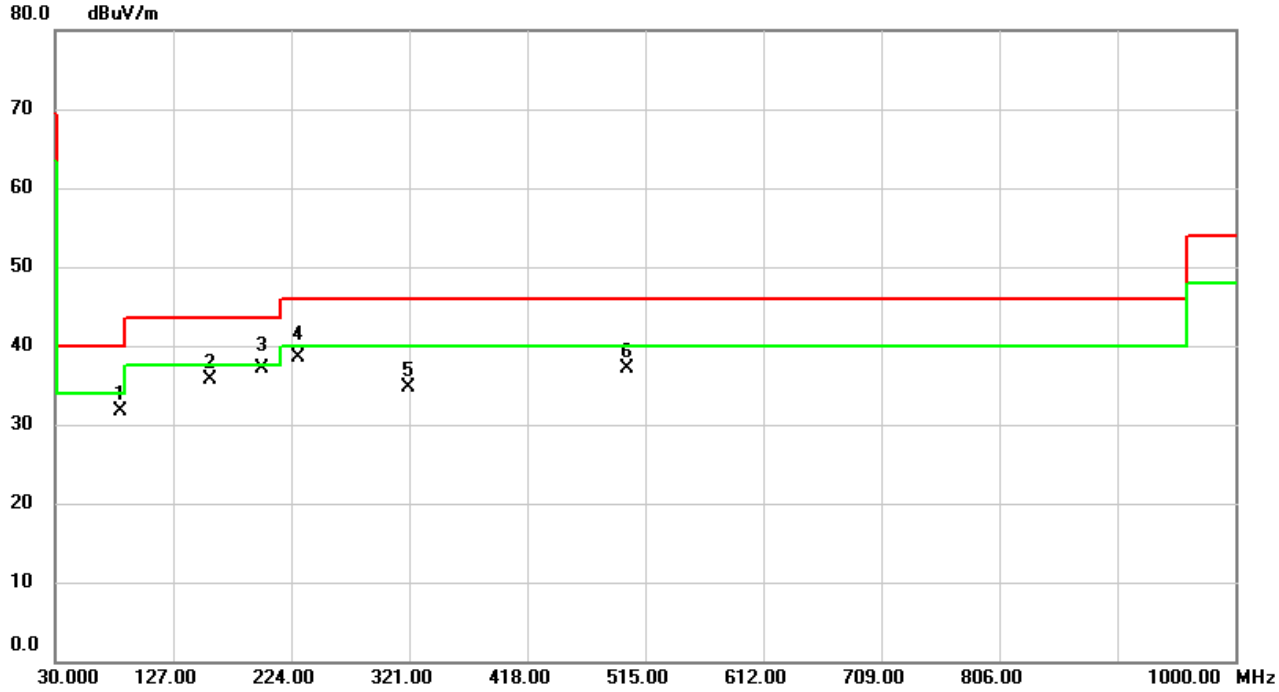
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/10
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		44.9703	44.74	-11.13	33.61	40.00	-6.39	QP	
2	*	76.7217	51.11	-15.65	35.46	40.00	-4.54	QP	
3		151.9290	40.75	-11.78	28.97	43.50	-14.53	peak	
4		228.9147	40.78	-14.67	26.11	46.00	-19.89	peak	
5		359.9617	38.03	-9.87	28.16	46.00	-17.84	peak	
6		500.0297	45.03	-6.32	38.71	46.00	-7.29	QP	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/10
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	59%

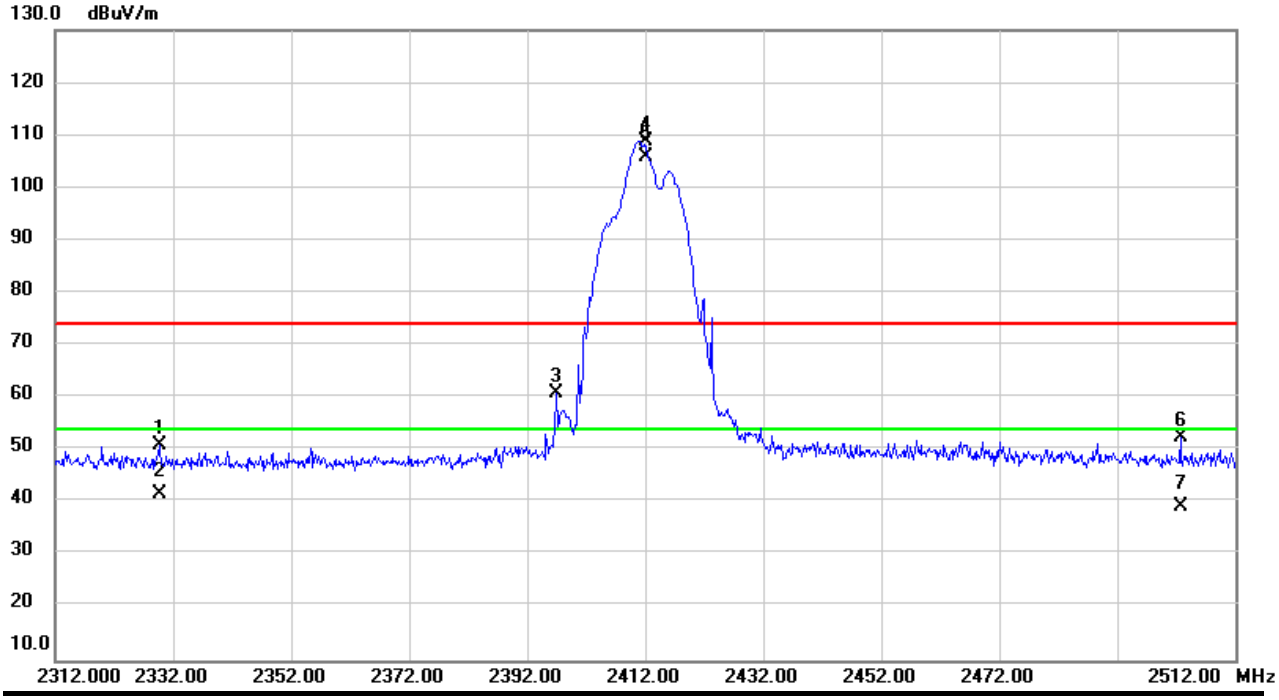


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		83.1883	48.61	-16.89	31.72	40.00	-8.28	peak	
2		157.4580	47.48	-11.80	35.68	43.50	-7.82	peak	
3	*	200.6877	52.23	-15.22	37.01	43.50	-6.49	QP	
4		230.3697	53.11	-14.55	38.56	46.00	-7.44	QP	
5		320.0300	45.48	-10.84	34.64	46.00	-11.36	peak	
6		499.9973	43.35	-6.32	37.03	46.00	-8.97	peak	

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

APPENDIX D RADIATED EMISSIONS - ABOVE 1 GHZ

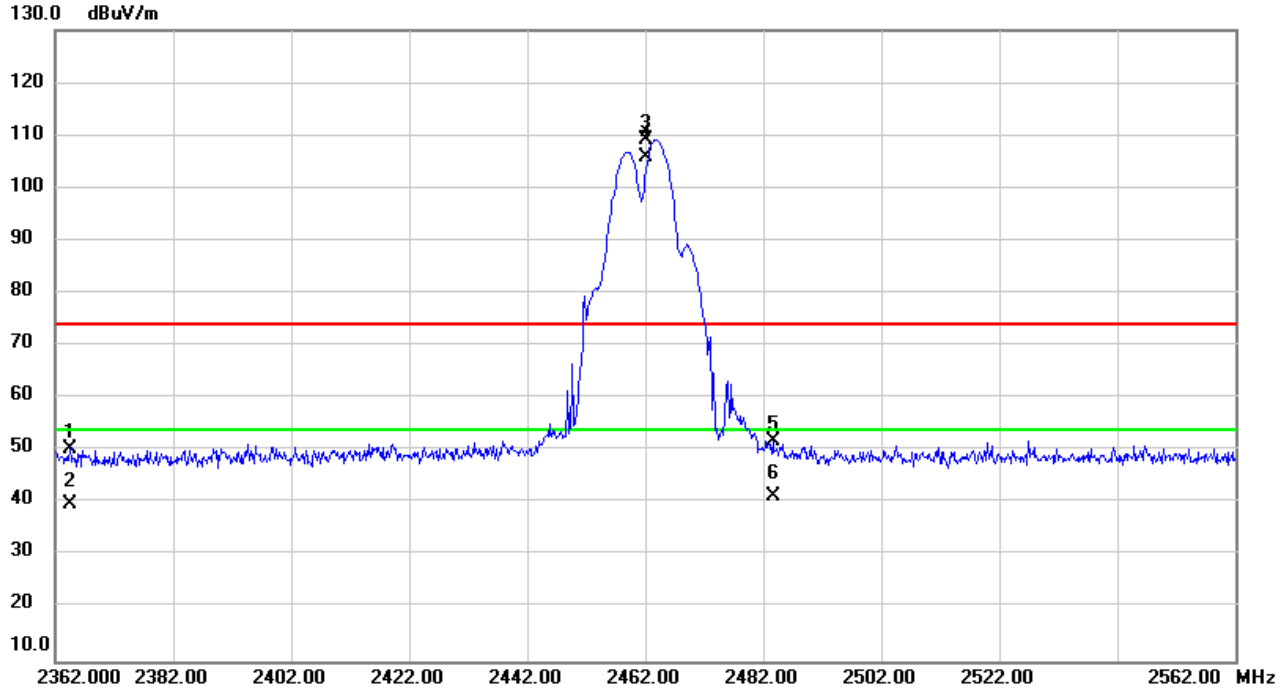
Test Mode	IEEE 802.11b	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2329.780	56.53	-5.48	51.05	74.00	-22.95	peak	
2		2329.780	47.21	-5.48	41.73	54.00	-12.27	AVG	
3		2396.933	66.10	-5.37	60.73	74.00	-13.27	peak	NoLimit
4	X	2412.000	114.27	-5.34	108.93	74.00	34.93	peak	NoLimit
5	*	2412.000	111.21	-5.34	105.87	54.00	51.87	AVG	NoLimit
6		2502.733	57.53	-5.18	52.35	74.00	-21.65	peak	
7		2502.733	44.58	-5.18	39.40	54.00	-14.60	AVG	

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

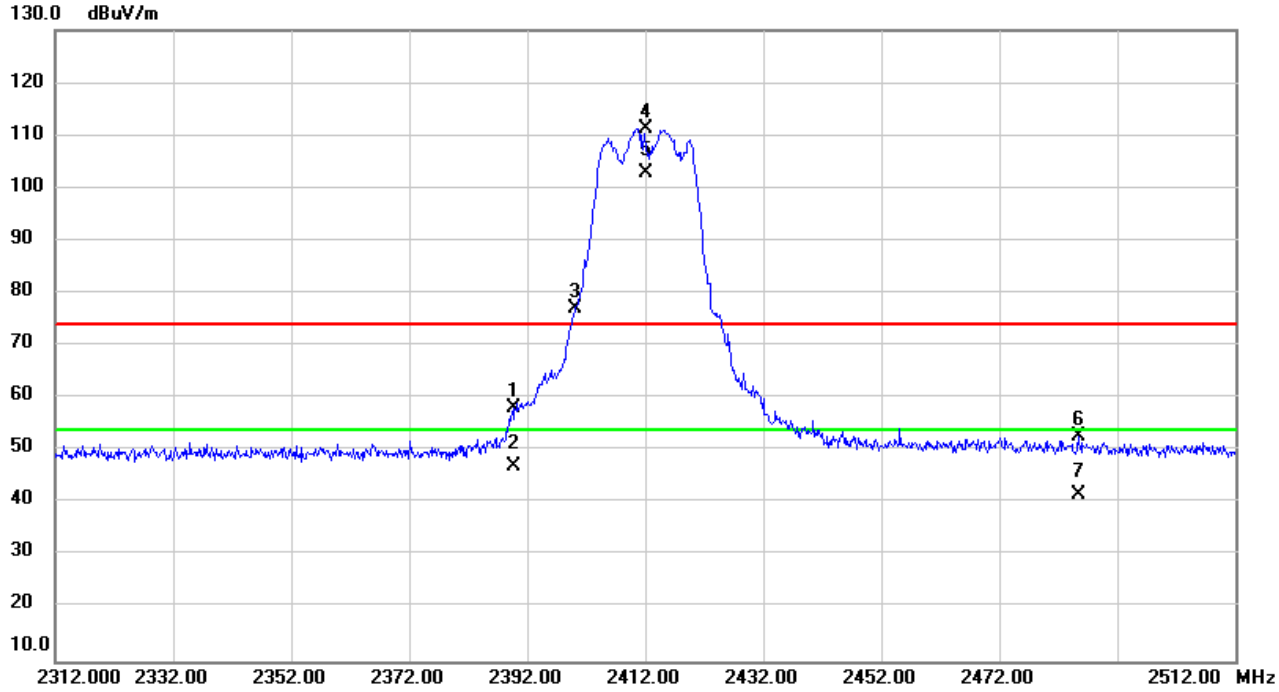
Test Mode	IEEE 802.11b	Test Date	2023/11/9
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2364.607	55.93	-5.43	50.50	74.00	-23.50	peak	
2		2364.607	45.20	-5.43	39.77	54.00	-14.23	AVG	
3	X	2462.000	114.54	-5.26	109.28	74.00	35.28	peak	NoLimit
4	*	2462.000	111.26	-5.26	106.00	54.00	52.00	AVG	NoLimit
5		2483.733	57.09	-5.23	51.86	74.00	-22.14	peak	
6		2483.733	46.46	-5.23	41.23	54.00	-12.77	AVG	

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

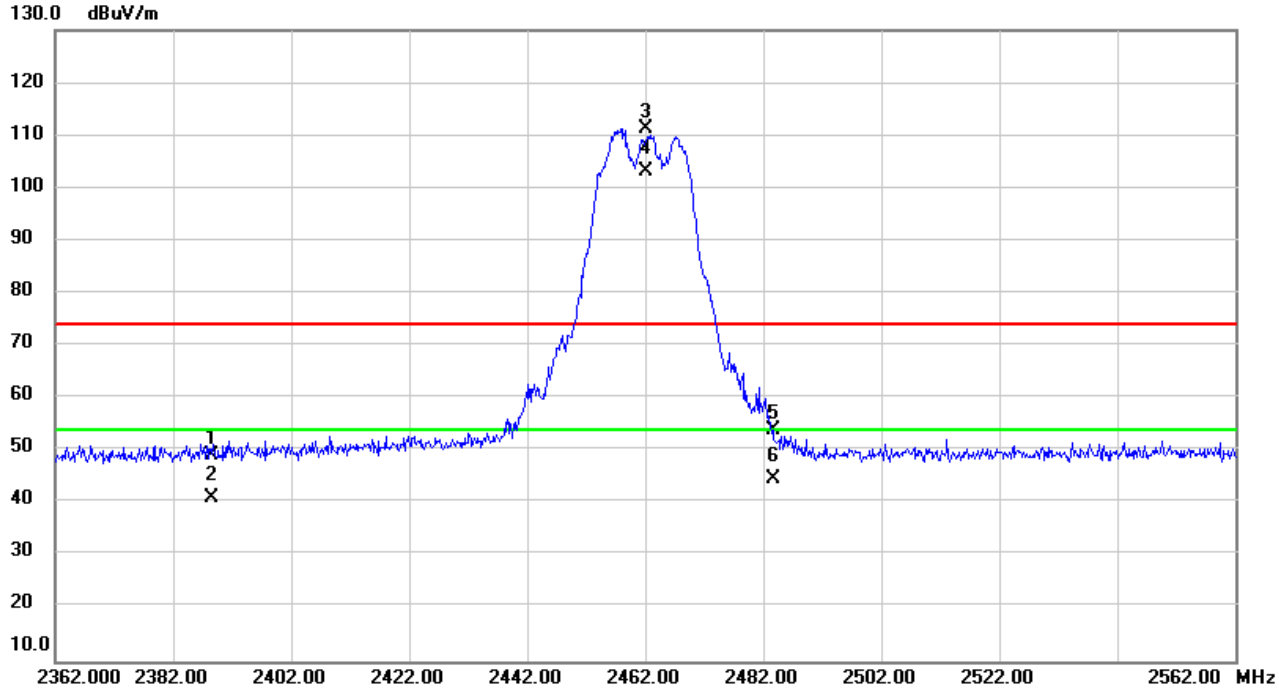
Test Mode	IEEE 802.11g	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.860	63.40	-5.39	58.01	74.00	-15.99	peak	
2		2389.860	52.41	-5.39	47.02	54.00	-6.98	AVG	
3	X	2400.000	82.37	-5.37	77.00	74.00	3.00	peak	NoLimit
4	X	2412.000	116.69	-5.34	111.35	74.00	37.35	peak	NoLimit
5	*	2412.000	108.21	-5.34	102.87	54.00	48.87	AVG	NoLimit
6		2485.373	57.88	-5.21	52.67	74.00	-21.33	peak	
7		2485.373	46.92	-5.21	41.71	54.00	-12.29	AVG	

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

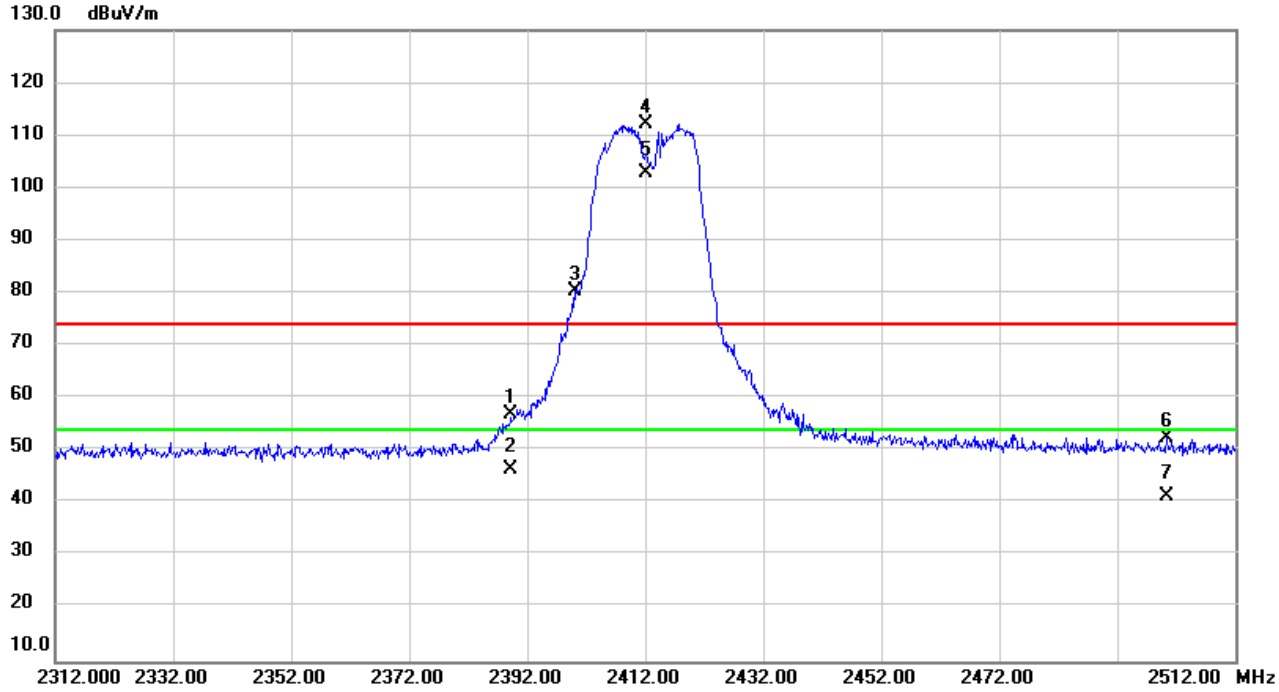
Test Mode	IEEE 802.11g	Test Date	2023/11/9
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.553	54.55	-5.39	49.16	74.00	-24.84	peak	
2		2388.553	46.45	-5.39	41.06	54.00	-12.94	AVG	
3	X	2462.000	116.51	-5.26	111.25	74.00	37.25	peak	NoLimit
4	*	2462.000	108.40	-5.26	103.14	54.00	49.14	AVG	NoLimit
5		2483.667	59.17	-5.23	53.94	74.00	-20.06	peak	
6		2483.667	49.90	-5.23	44.67	54.00	-9.33	AVG	

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

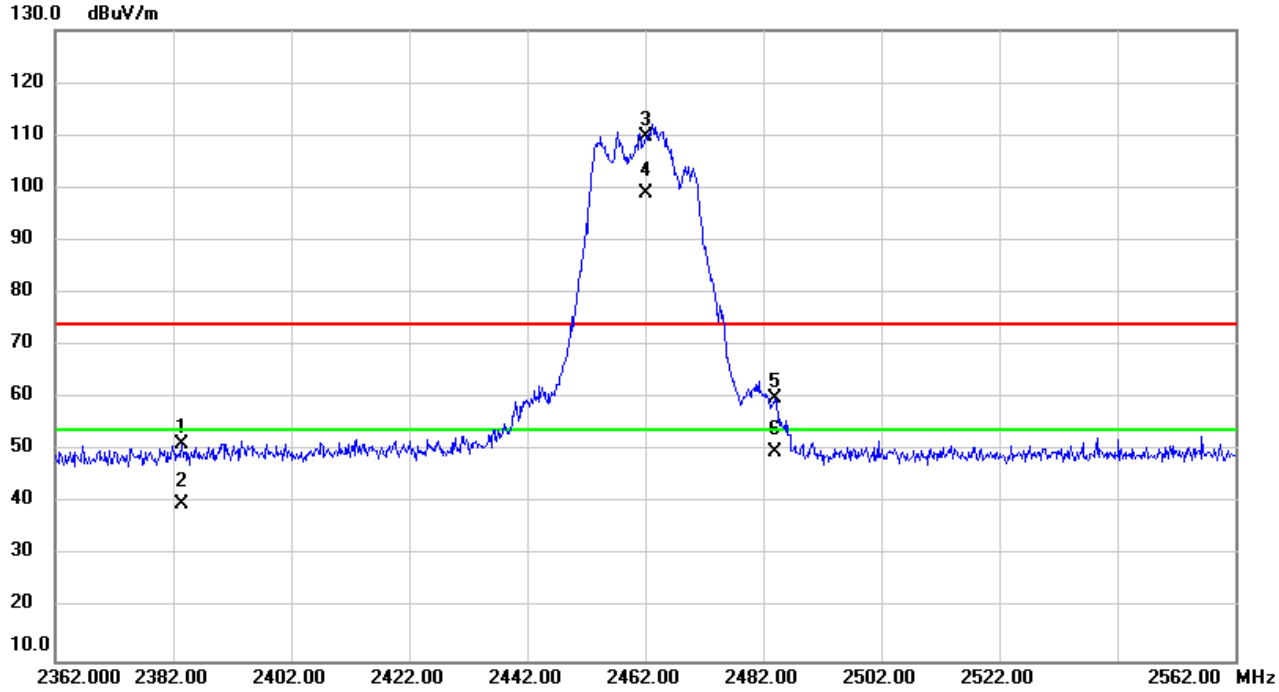
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.233	62.43	-5.39	57.04	74.00	-16.96	peak	
2		2389.233	51.87	-5.39	46.48	54.00	-7.52	AVG	
3	X	2400.000	85.82	-5.37	80.45	74.00	6.45	peak	NoLimit
4	X	2412.000	117.40	-5.34	112.06	74.00	38.06	peak	NoLimit
5	*	2412.000	108.09	-5.34	102.75	54.00	48.75	AVG	NoLimit
6		2500.393	57.53	-5.19	52.34	74.00	-21.66	peak	
7		2500.393	46.66	-5.19	41.47	54.00	-12.53	AVG	

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

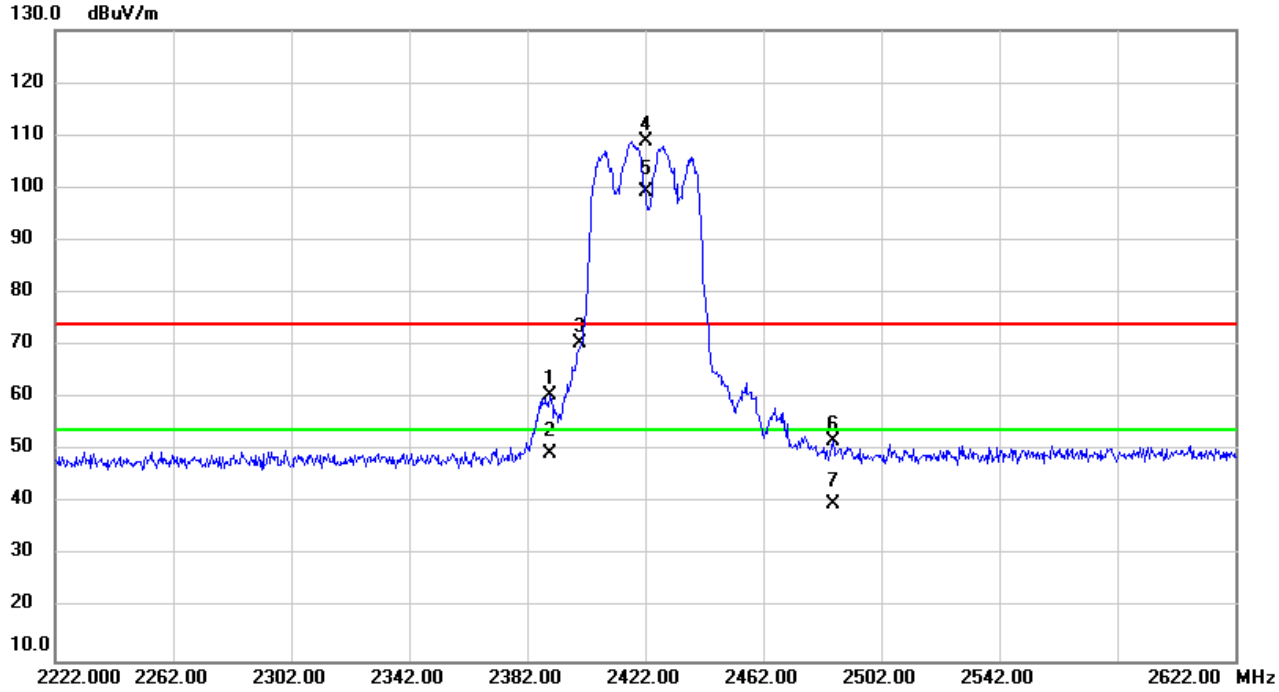
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/9
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2383.533	56.50	-5.39	51.11	74.00	-22.89	peak	
2		2383.533	45.30	-5.39	39.91	54.00	-14.09	AVG	
3	X	2462.000	114.99	-5.26	109.73	74.00	35.73	peak	NoLimit
4	*	2462.000	104.31	-5.26	99.05	54.00	45.05	AVG	NoLimit
5		2483.893	65.18	-5.23	59.95	74.00	-14.05	peak	
6		2483.893	54.94	-5.23	49.71	54.00	-4.29	AVG	

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

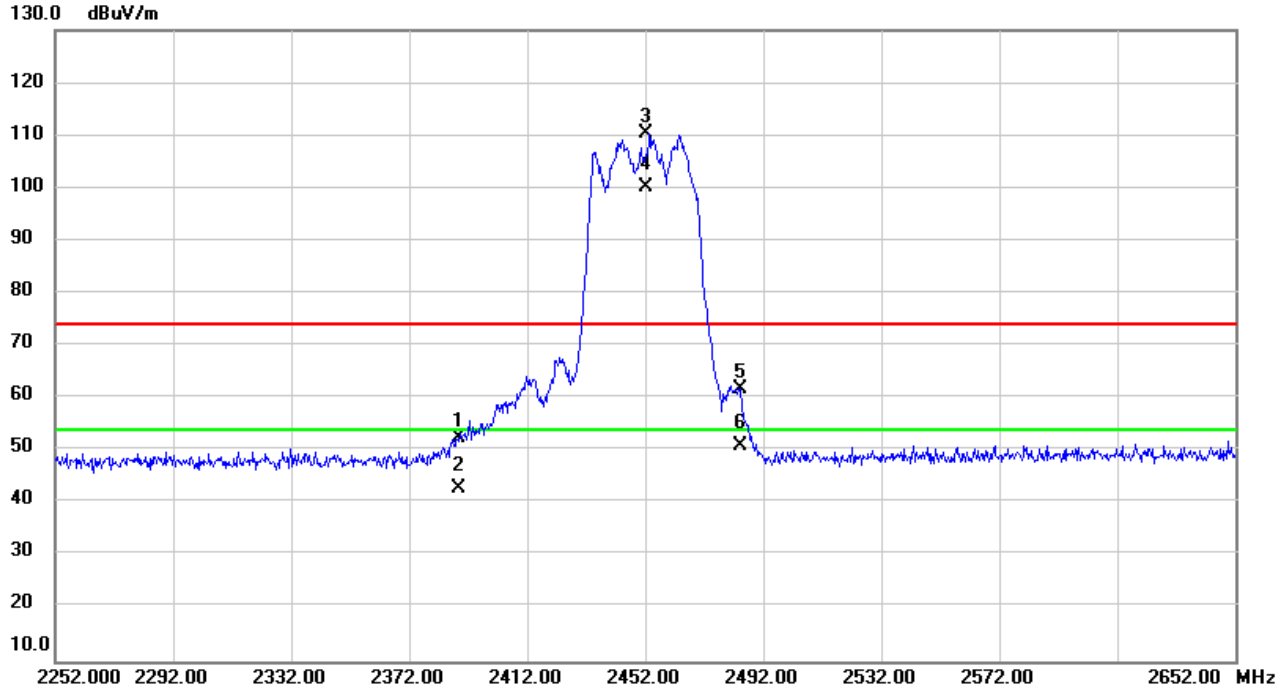
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/11/9
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.773	65.81	-5.39	60.42	74.00	-13.58	peak	
2		2389.773	54.90	-5.39	49.51	54.00	-4.49	AVG	
3		2400.000	75.68	-5.37	70.31	74.00	-3.69	peak	NoLimit
4	X	2422.000	114.22	-5.32	108.90	74.00	34.90	peak	NoLimit
5	*	2422.000	104.53	-5.32	99.21	54.00	45.21	AVG	NoLimit
6		2485.573	57.14	-5.21	51.93	74.00	-22.07	peak	
7		2485.573	45.04	-5.21	39.83	54.00	-14.17	AVG	

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

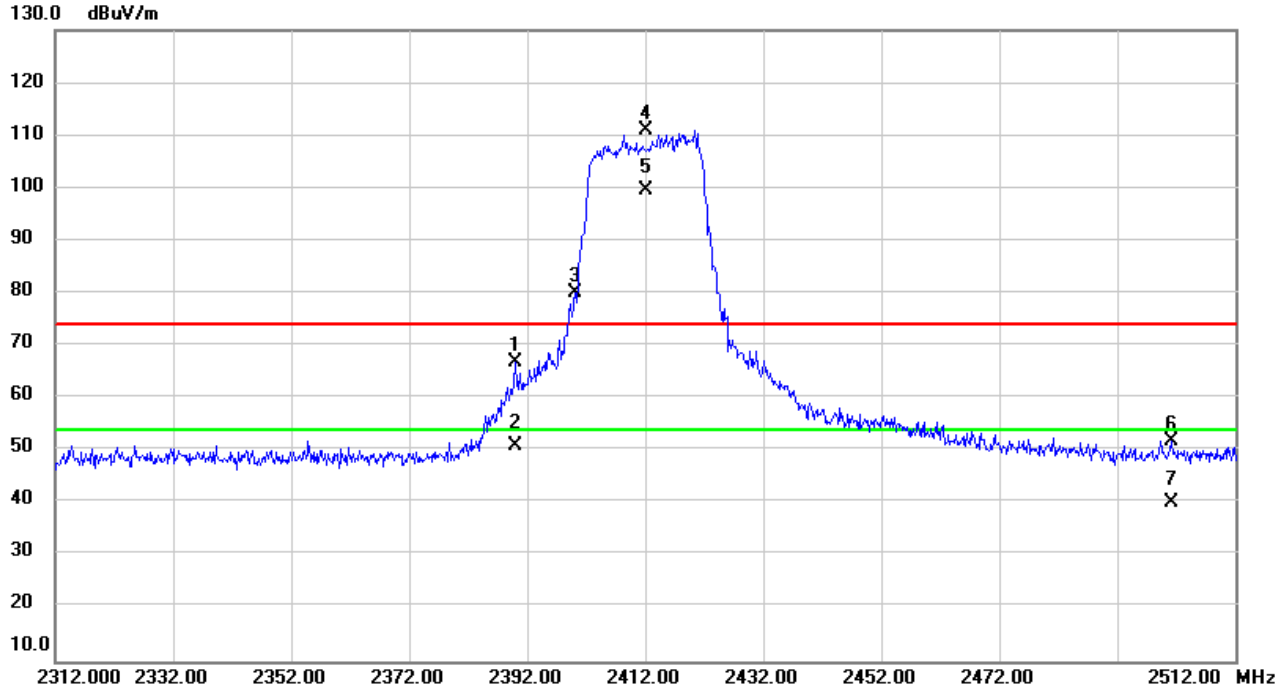
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/11/9
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.560	57.89	-5.39	52.50	74.00	-21.50	peak	
2		2388.560	48.12	-5.39	42.73	54.00	-11.27	AVG	
3	X	2452.000	115.59	-5.28	110.31	74.00	36.31	peak	NoLimit
4	*	2452.000	105.53	-5.28	100.25	54.00	46.25	AVG	NoLimit
5		2484.253	67.11	-5.23	61.88	74.00	-12.12	peak	
6		2484.253	56.31	-5.23	51.08	54.00	-2.92	AVG	

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

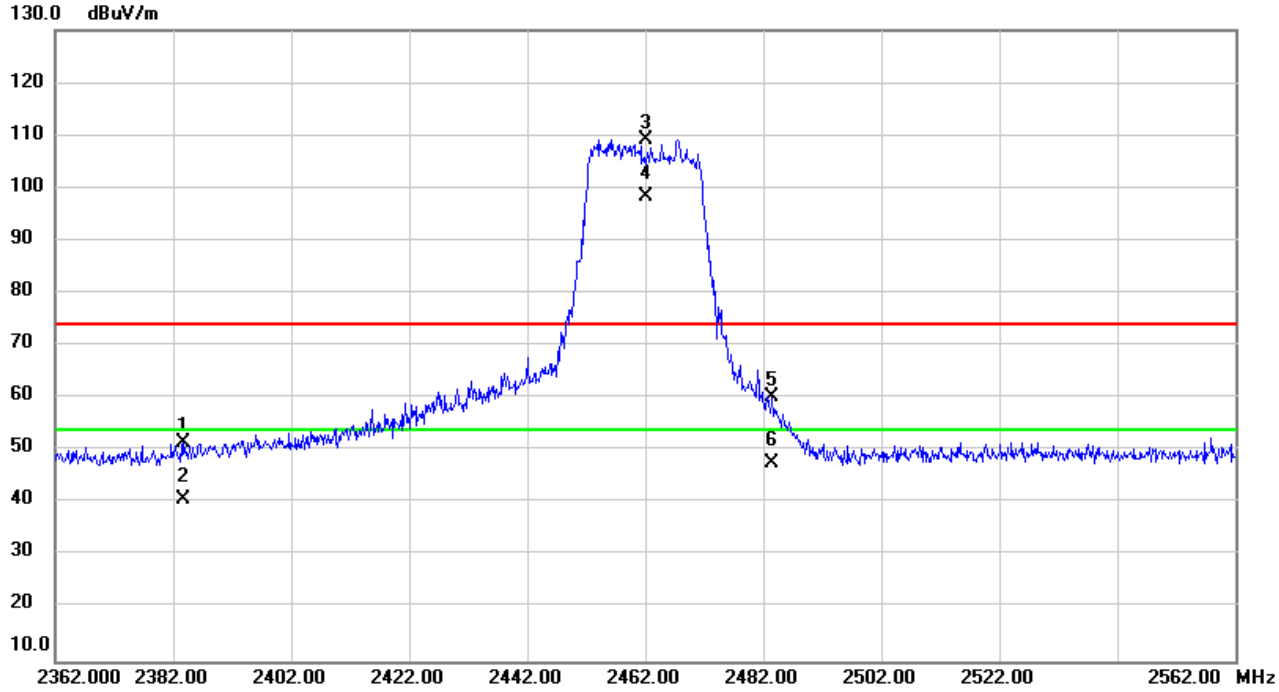
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.969	72.24	-5.39	66.85	74.00	-7.15	peak	
2		2389.969	56.34	-5.39	50.95	54.00	-3.05	AVG	
3	X	2400.000	85.40	-5.37	80.03	74.00	6.03	peak	NoLimit
4	X	2412.000	116.33	-5.34	110.99	74.00	36.99	peak	NoLimit
5	*	2412.000	104.99	-5.34	99.65	54.00	45.65	AVG	NoLimit
6		2501.267	57.13	-5.19	51.94	74.00	-22.06	peak	
7		2501.267	45.47	-5.19	40.28	54.00	-13.72	AVG	

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

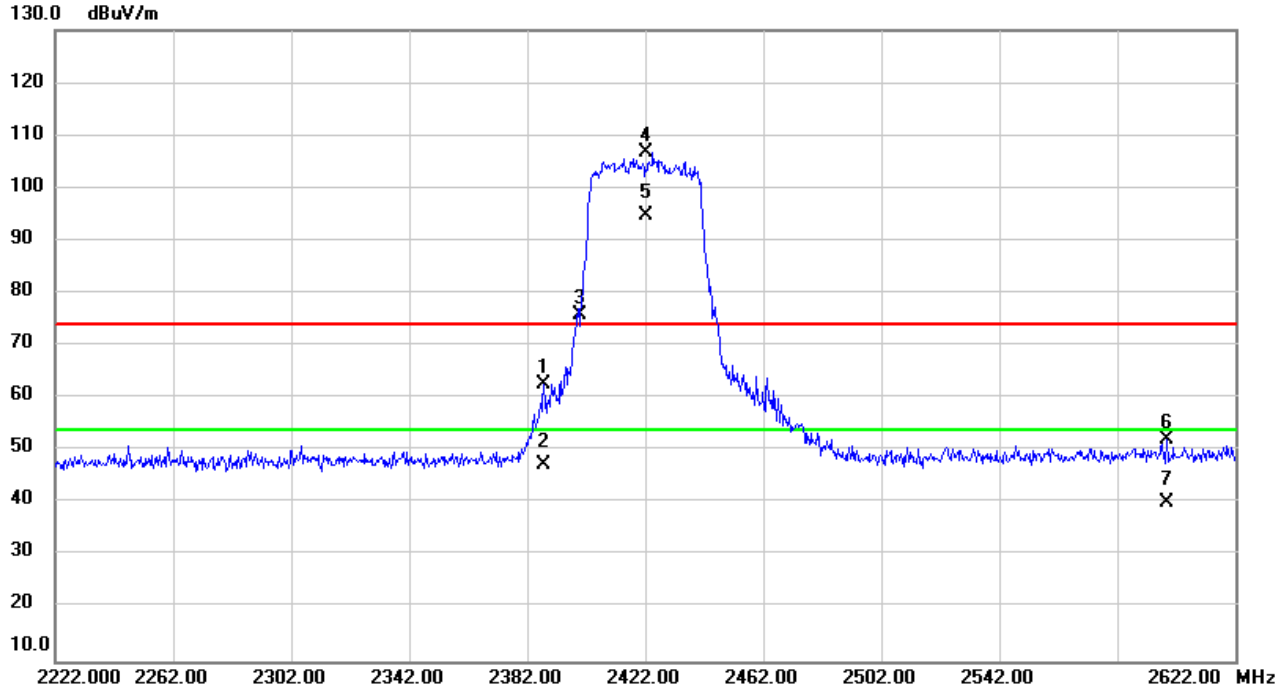
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/11/9
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2383.833	57.03	-5.39	51.64	74.00	-22.36	peak	
2		2383.833	45.99	-5.39	40.60	54.00	-13.40	AVG	
3	X	2462.000	114.35	-5.26	109.09	74.00	35.09	peak	NoLimit
4	*	2462.000	103.73	-5.26	98.47	54.00	44.47	AVG	NoLimit
5		2483.540	65.41	-5.23	60.18	74.00	-13.82	peak	
6		2483.540	52.95	-5.23	47.72	54.00	-6.28	AVG	

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

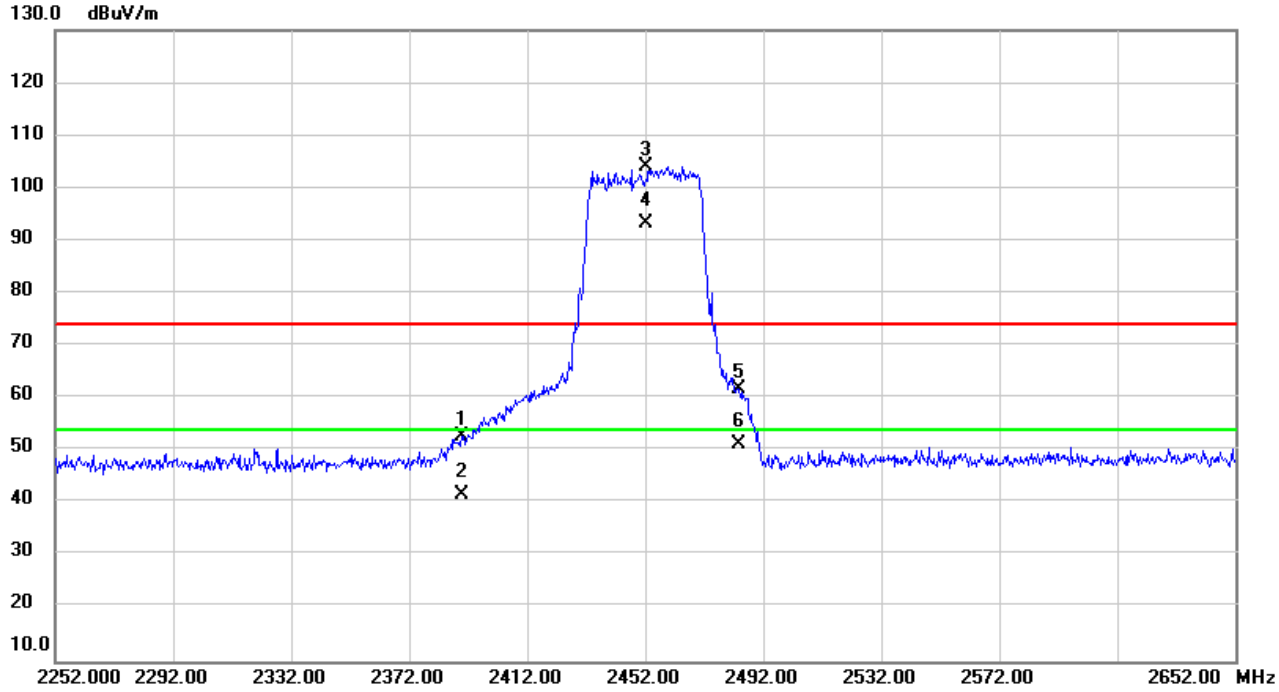
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/11/9
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.827	67.91	-5.39	62.52	74.00	-11.48	peak	
2		2387.827	52.59	-5.39	47.20	54.00	-6.80	AVG	
3	X	2400.000	81.25	-5.37	75.88	74.00	1.88	peak	NoLimit
4	X	2422.000	112.02	-5.32	106.70	74.00	32.70	peak	NoLimit
5	*	2422.000	100.12	-5.32	94.80	54.00	40.80	AVG	NoLimit
6		2598.960	57.03	-4.86	52.17	74.00	-21.83	peak	
7		2598.960	45.12	-4.86	40.26	54.00	-13.74	AVG	

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

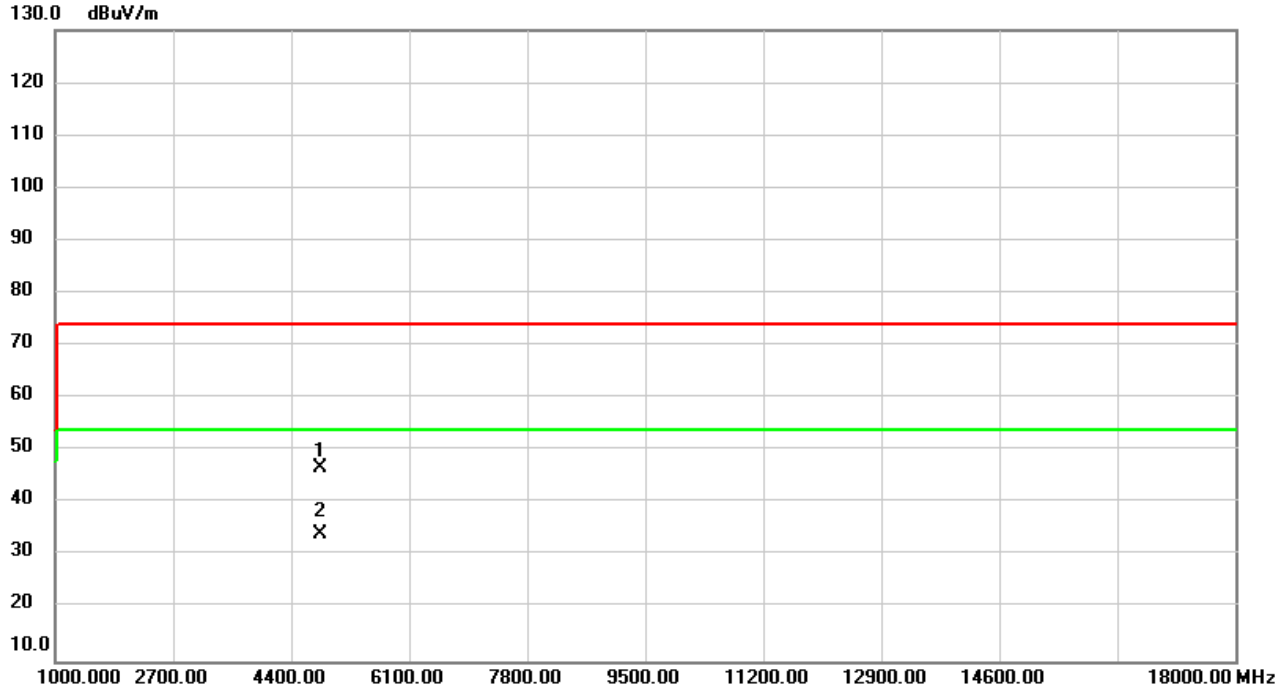
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/11/9
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.880	58.15	-5.39	52.76	74.00	-21.24	peak	
2		2389.880	46.98	-5.39	41.59	54.00	-12.41	AVG	
3	X	2452.000	109.34	-5.28	104.06	74.00	30.06	peak	NoLimit
4	*	2452.000	98.44	-5.28	93.16	54.00	39.16	AVG	NoLimit
5		2483.650	66.89	-5.23	61.66	74.00	-12.34	peak	
6		2483.650	56.58	-5.23	51.35	54.00	-2.65	AVG	

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

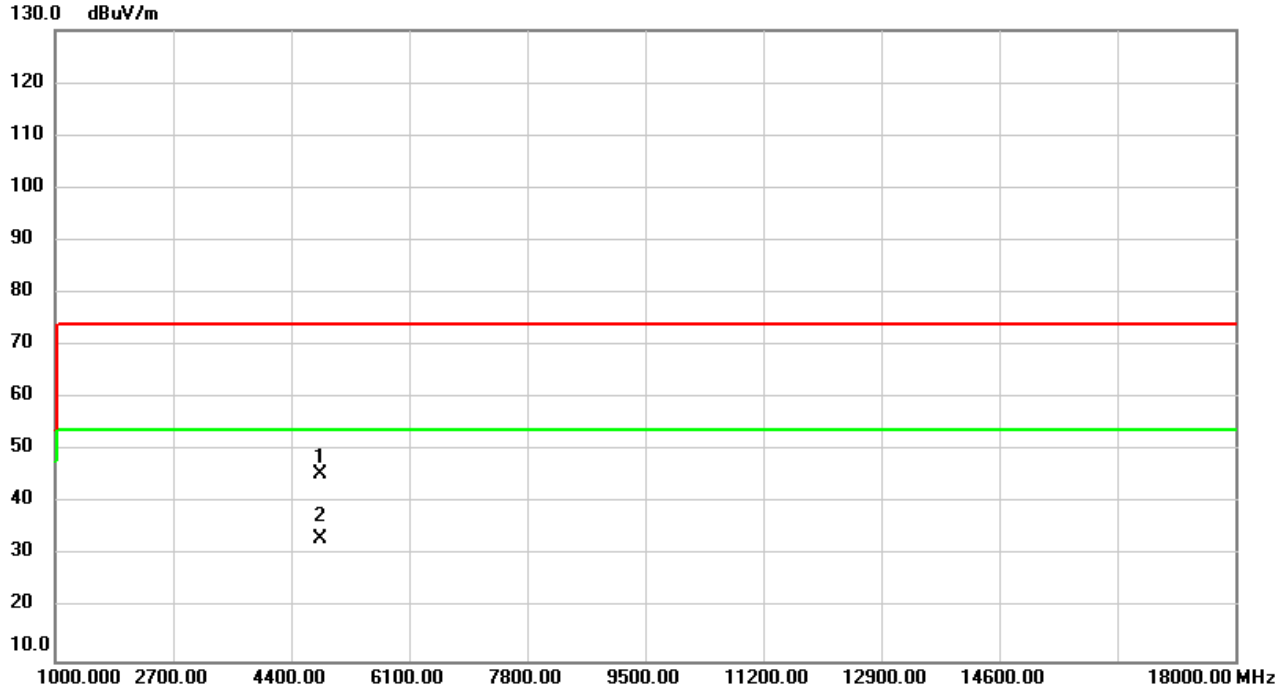
Test Mode	IEEE 802.11b	Test Date	2023/11/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	46.25	0.59	46.84	74.00	-27.16	peak	
2	*	4824.000	33.70	0.59	34.29	54.00	-19.71	AVG	

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

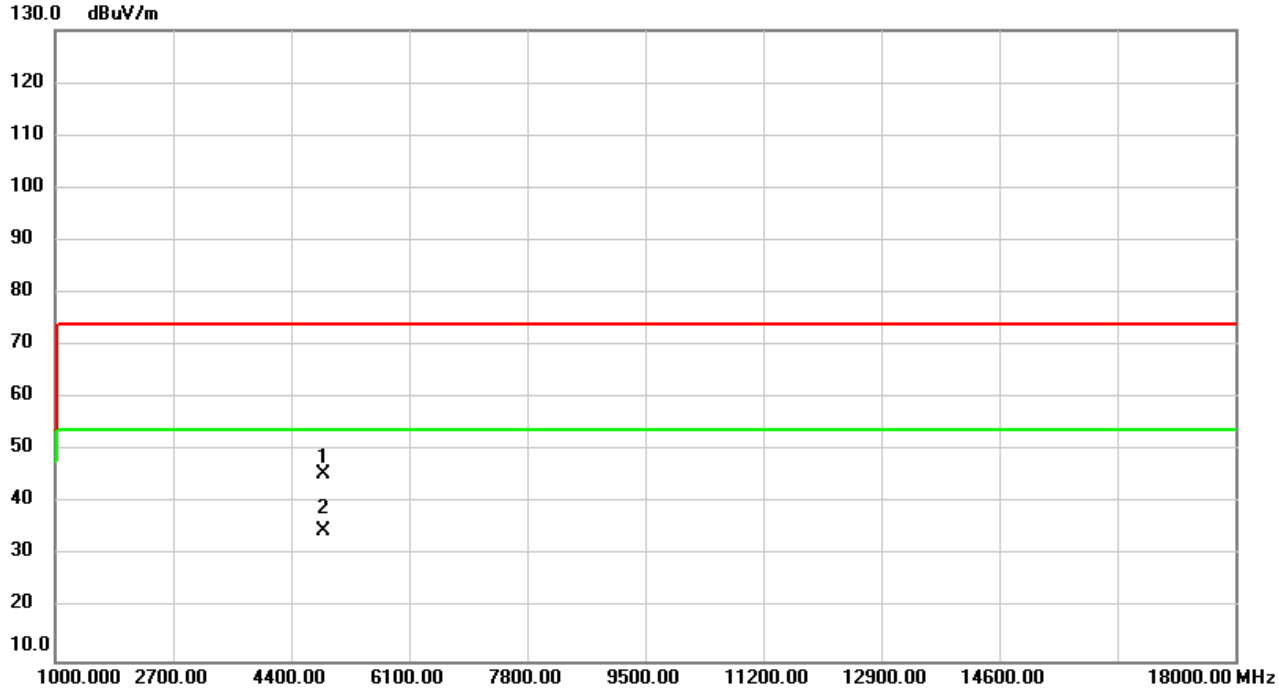
Test Mode	IEEE 802.11b	Test Date	2023/11/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.89	0.59	45.48	74.00	-28.52	peak	
2	*	4824.000	32.79	0.59	33.38	54.00	-20.62	AVG	

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

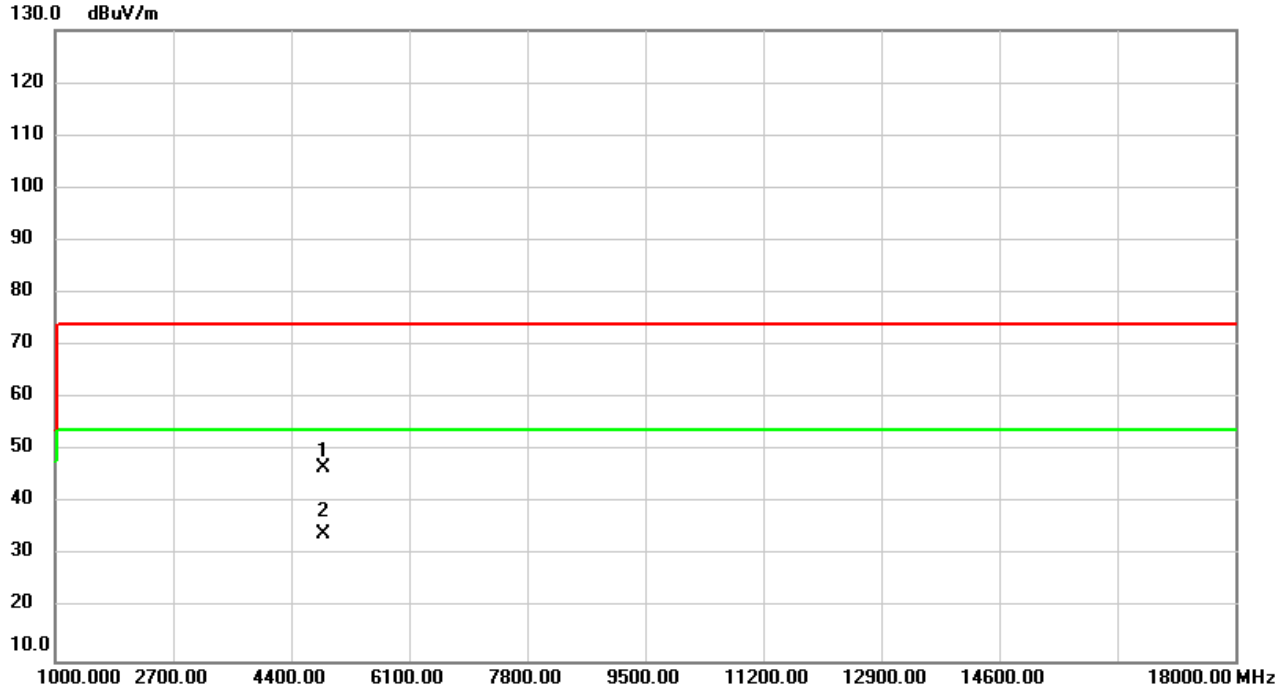
Test Mode	IEEE 802.11b	Test Date	2023/11/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.78	0.74	45.52	74.00	-28.48	peak	
2	*	4874.000	33.99	0.74	34.73	54.00	-19.27	AVG	

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

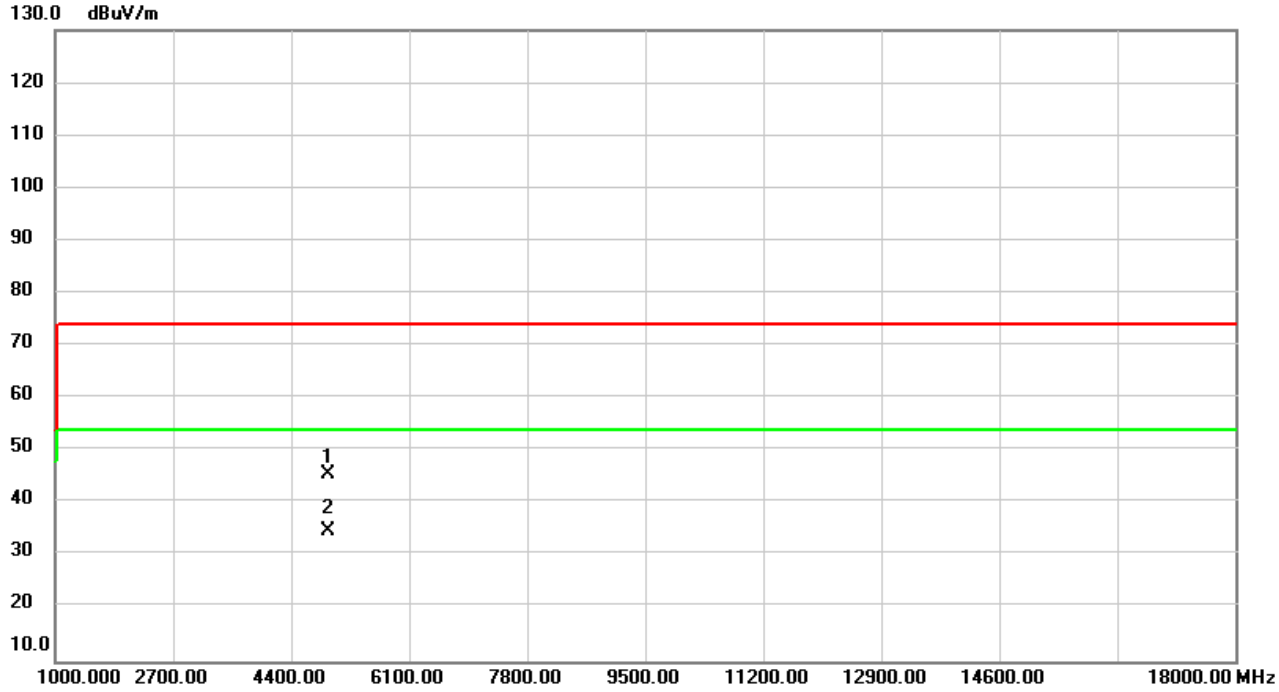
Test Mode	IEEE 802.11b	Test Date	2023/11/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	46.07	0.74	46.81	74.00	-27.19	peak	
2	*	4874.000	33.38	0.74	34.12	54.00	-19.88	AVG	

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

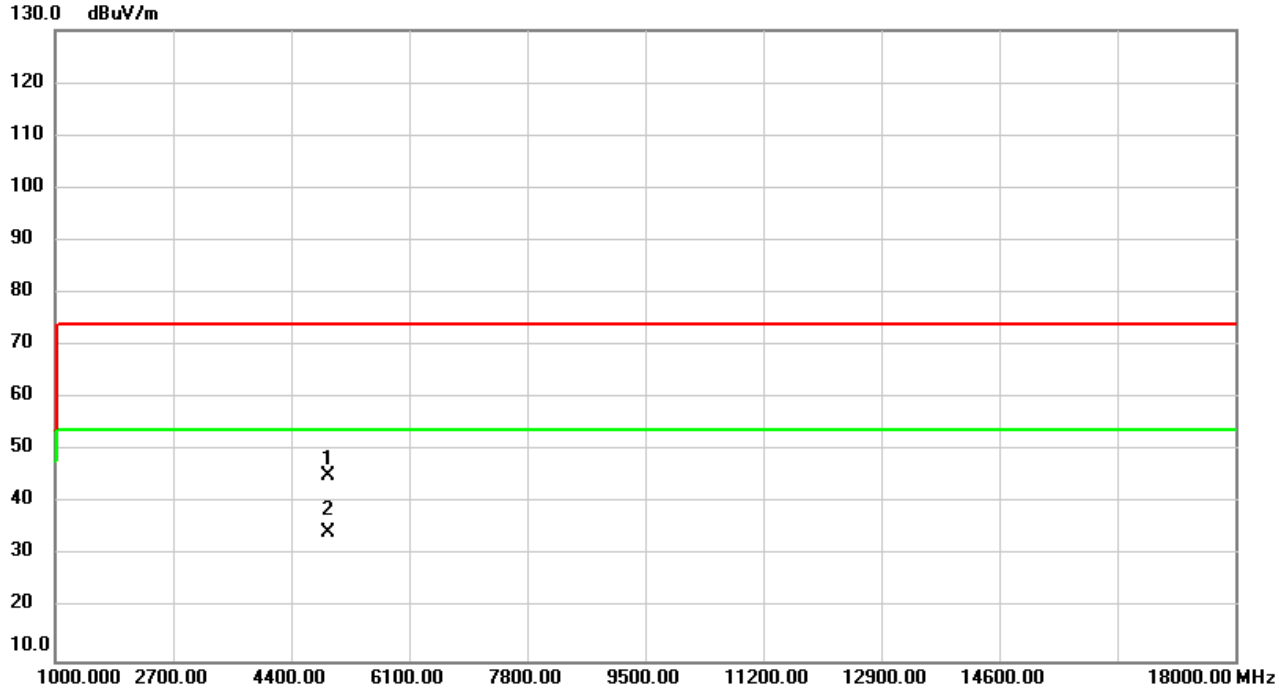
Test Mode	IEEE 802.11b	Test Date	2023/11/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.59	0.89	45.48	74.00	-28.52	peak	
2	*	4924.000	33.77	0.89	34.66	54.00	-19.34	AVG	

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

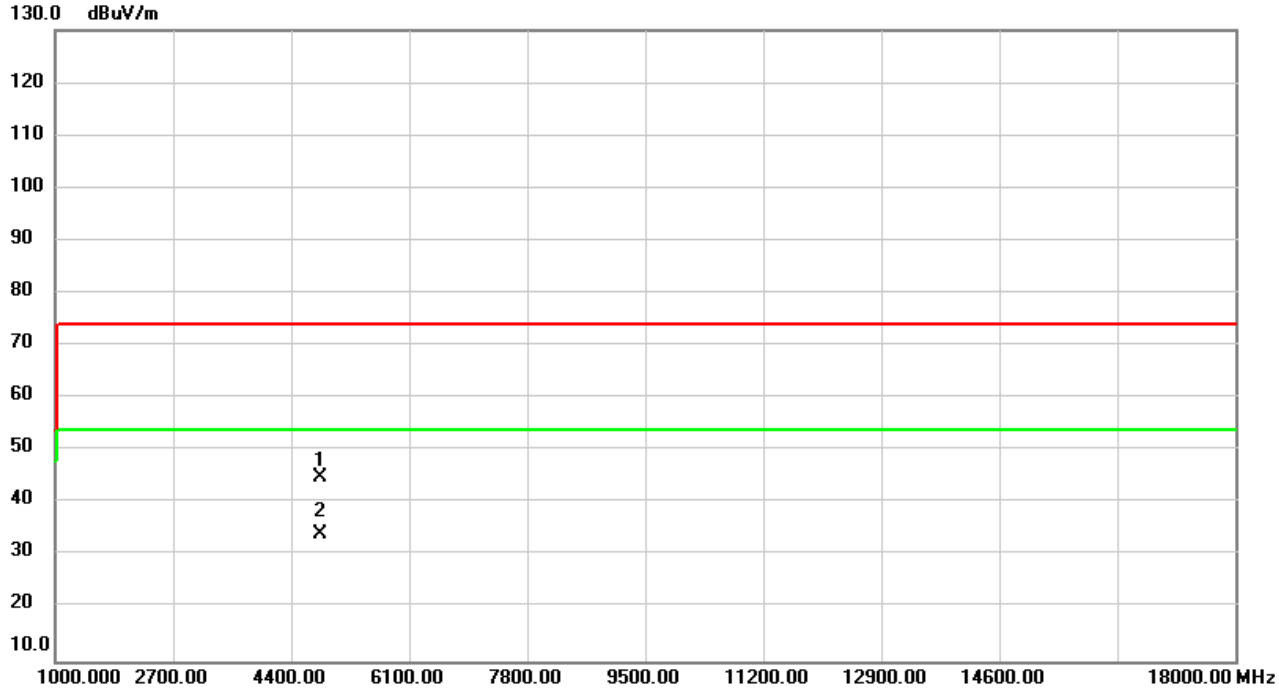
Test Mode	IEEE 802.11b	Test Date	2023/11/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.36	0.89	45.25	74.00	-28.75	peak	
2	*	4924.000	33.60	0.89	34.49	54.00	-19.51	AVG	

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

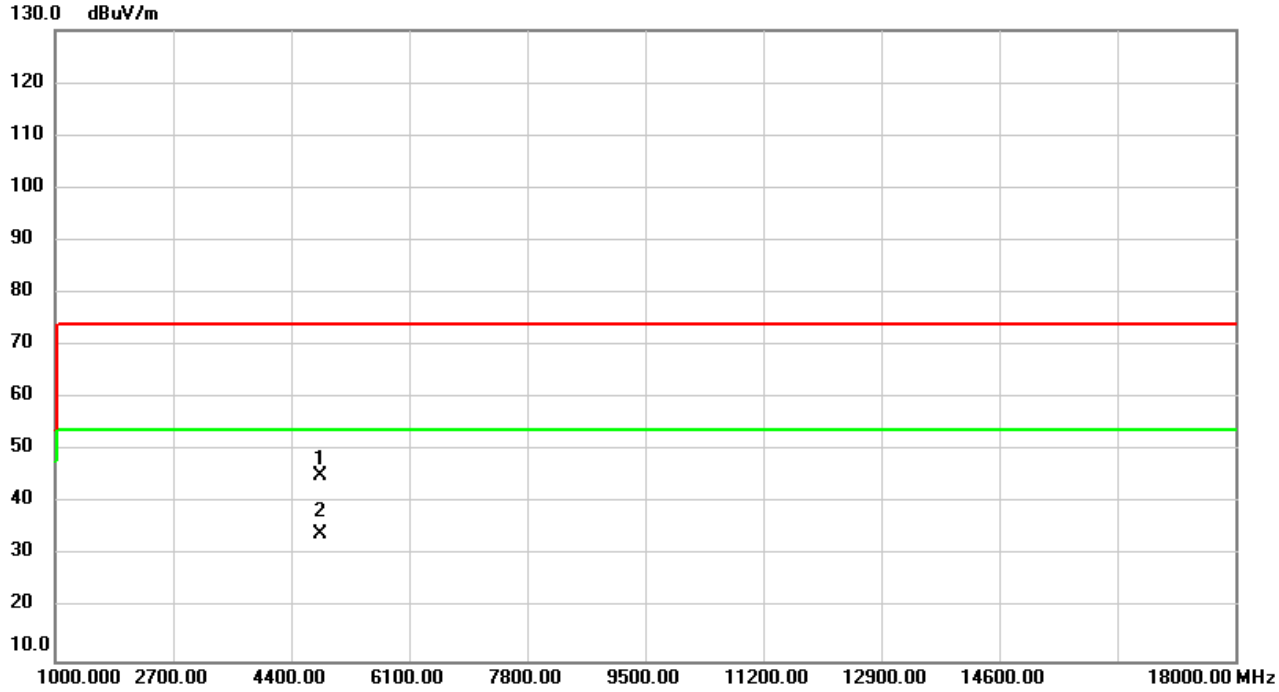
Test Mode	IEEE 802.11g	Test Date	2023/11/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.43	0.59	45.02	74.00	-28.98	peak	
2	*	4824.000	33.70	0.59	34.29	54.00	-19.71	AVG	

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

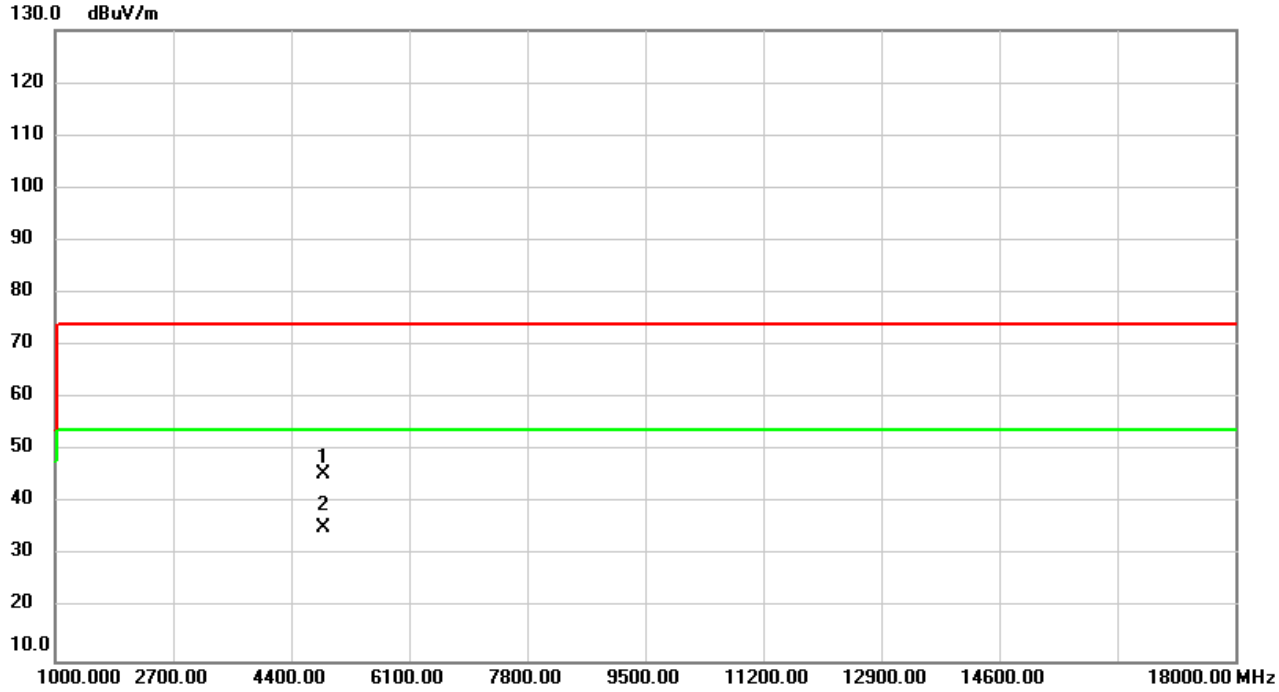
Test Mode	IEEE 802.11g	Test Date	2023/11/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.63	0.59	45.22	74.00	-28.78	peak	
2	*	4824.000	33.58	0.59	34.17	54.00	-19.83	AVG	

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

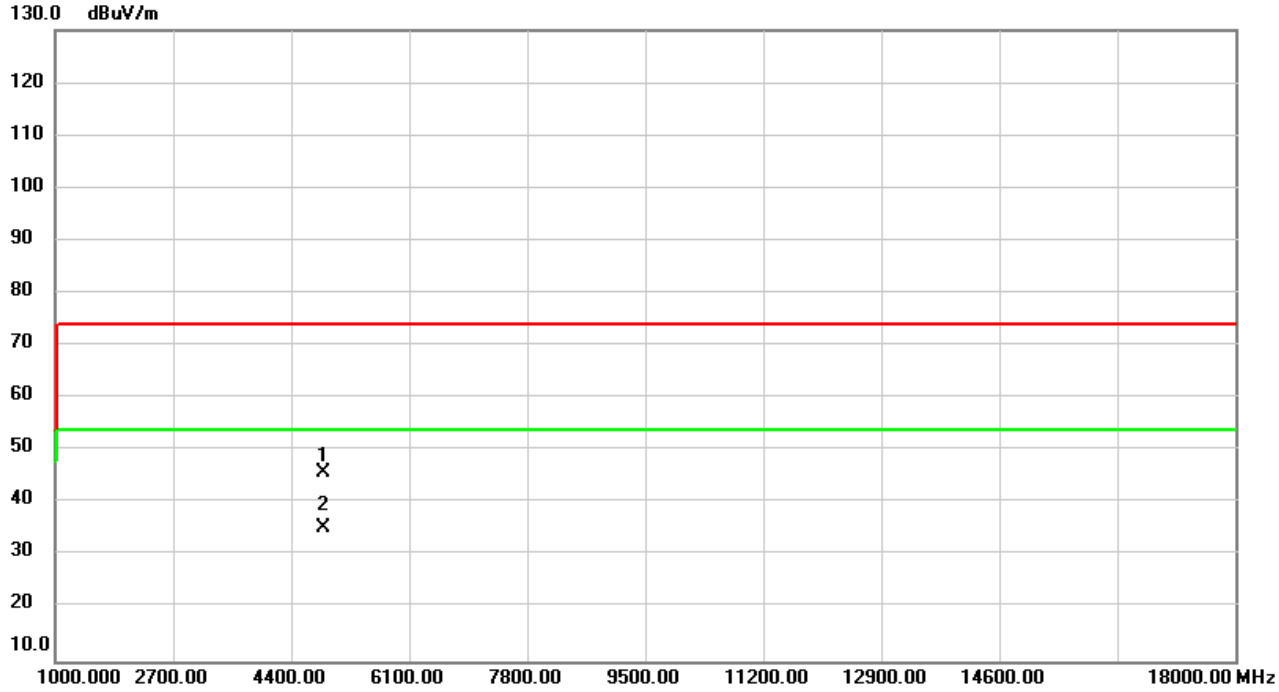
Test Mode	IEEE 802.11g	Test Date	2023/11/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.95	0.74	45.69	74.00	-28.31	peak	
2	*	4874.000	34.47	0.74	35.21	54.00	-18.79	AVG	

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

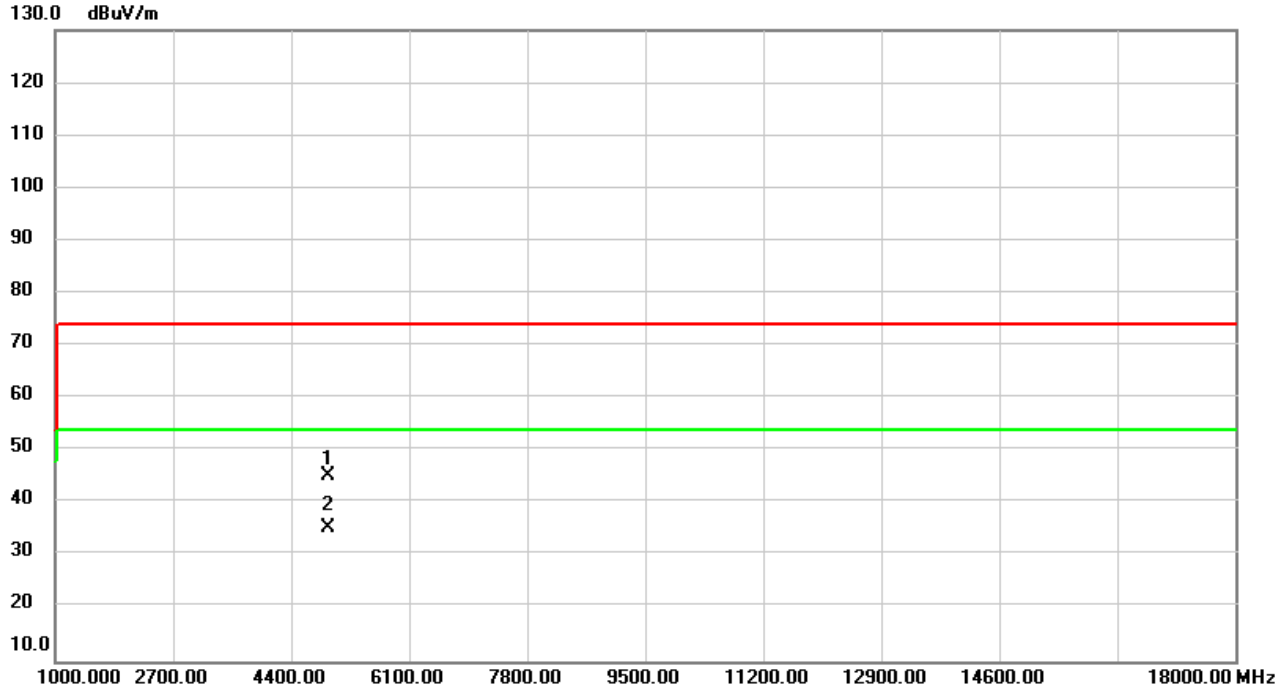
Test Mode	IEEE 802.11g	Test Date	2023/11/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.11	0.74	45.85	74.00	-28.15	peak	
2	*	4874.000	34.63	0.74	35.37	54.00	-18.63	AVG	

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

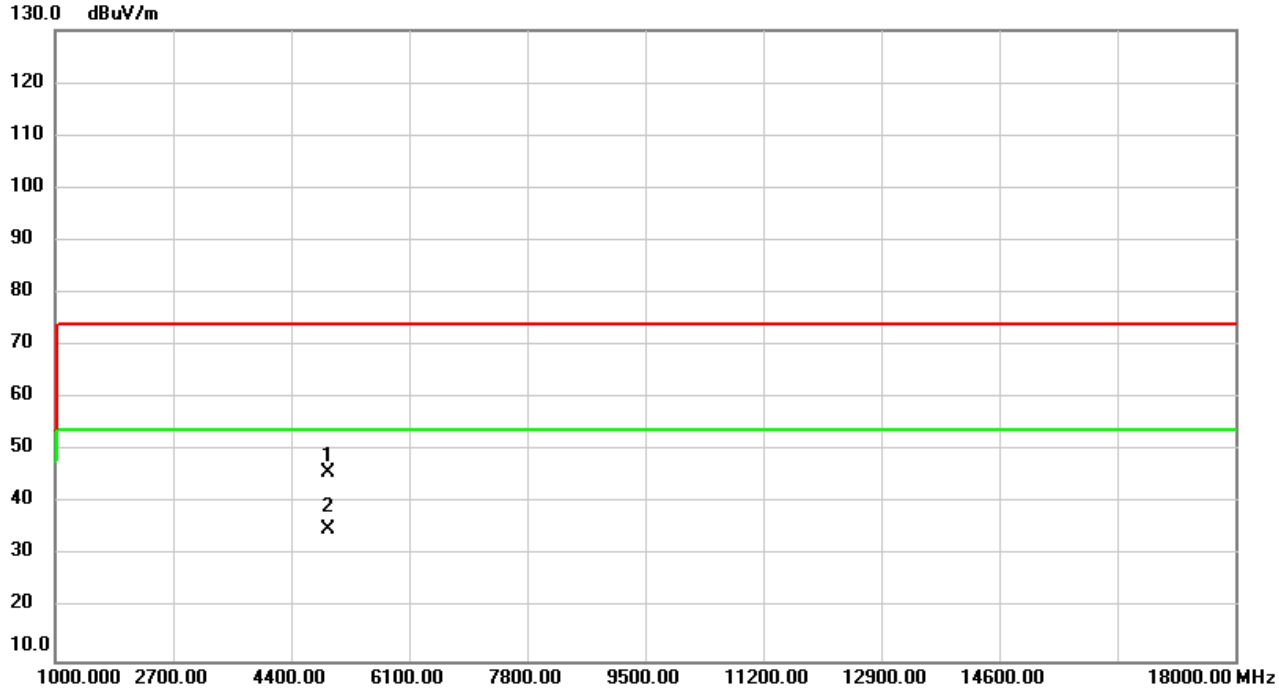
Test Mode	IEEE 802.11g	Test Date	2023/11/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.50	0.89	45.39	74.00	-28.61	peak	
2	*	4924.000	34.39	0.89	35.28	54.00	-18.72	AVG	

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

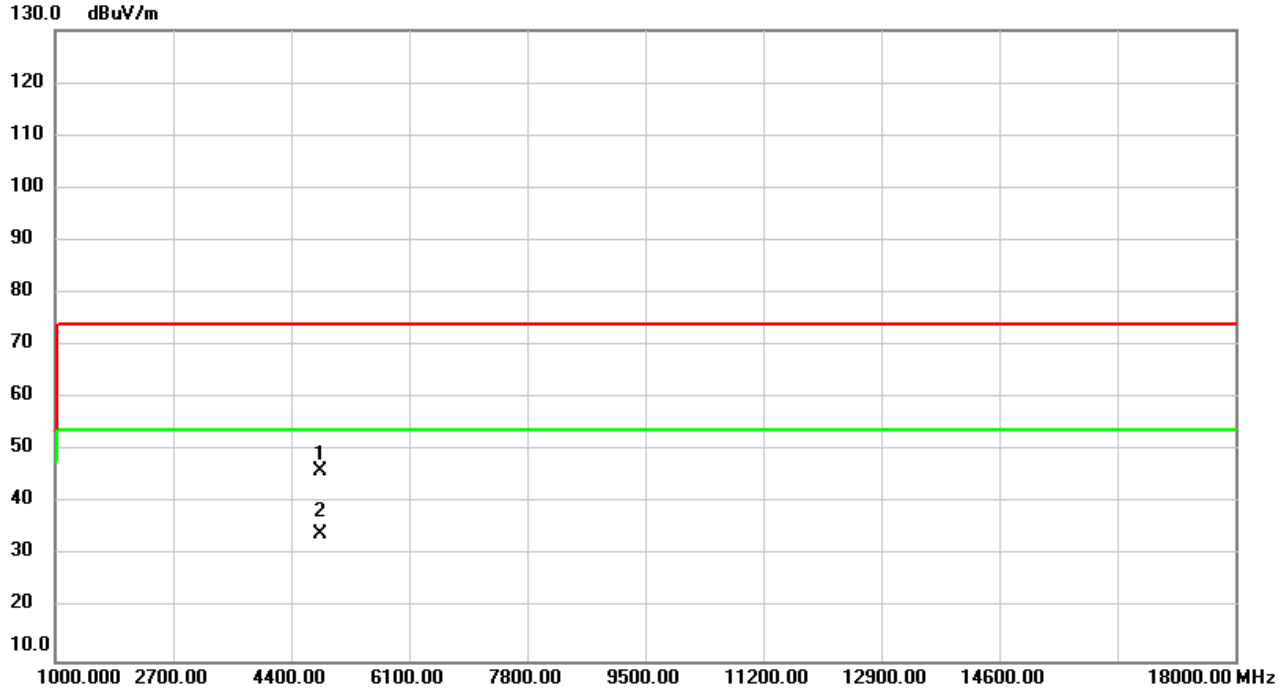
Test Mode	IEEE 802.11g	Test Date	2023/11/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.08	0.89	45.97	74.00	-28.03	peak	
2	*	4924.000	34.26	0.89	35.15	54.00	-18.85	AVG	

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

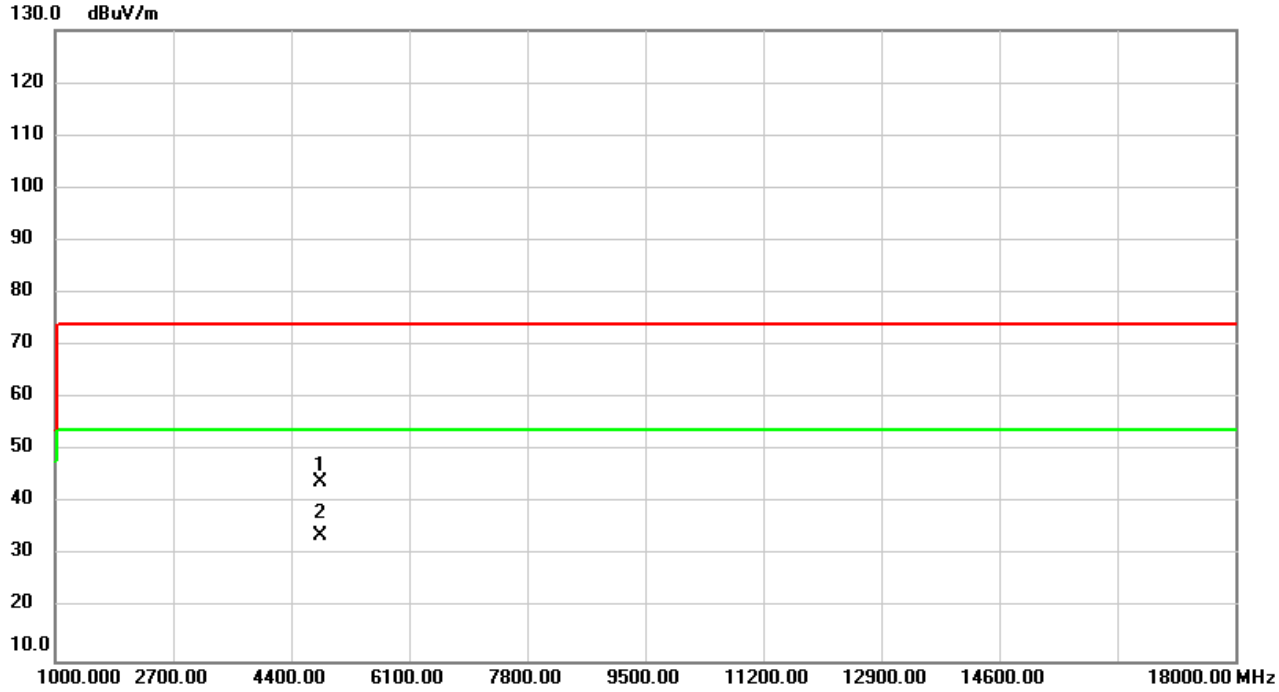
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	45.68	0.59	46.27	74.00	-27.73	peak	
2	*	4824.000	33.60	0.59	34.19	54.00	-19.81	AVG	

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

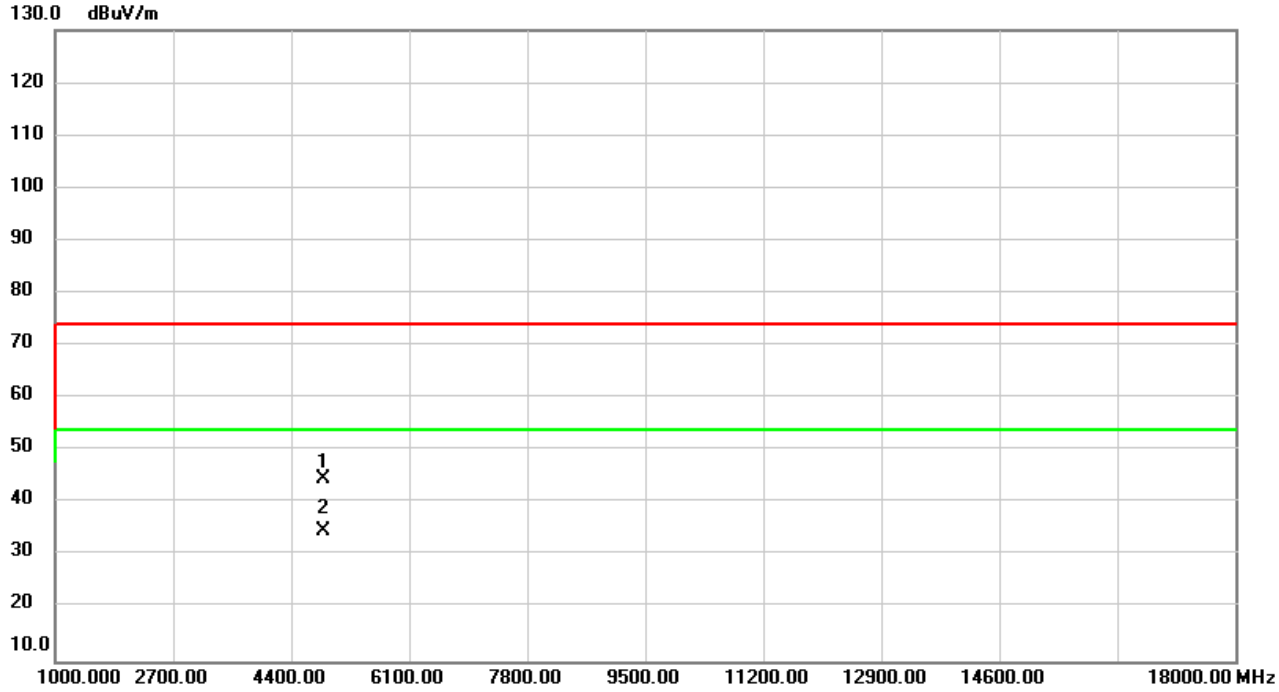
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.43	0.59	44.02	74.00	-29.98	peak	
2	*	4824.000	33.23	0.59	33.82	54.00	-20.18	AVG	

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

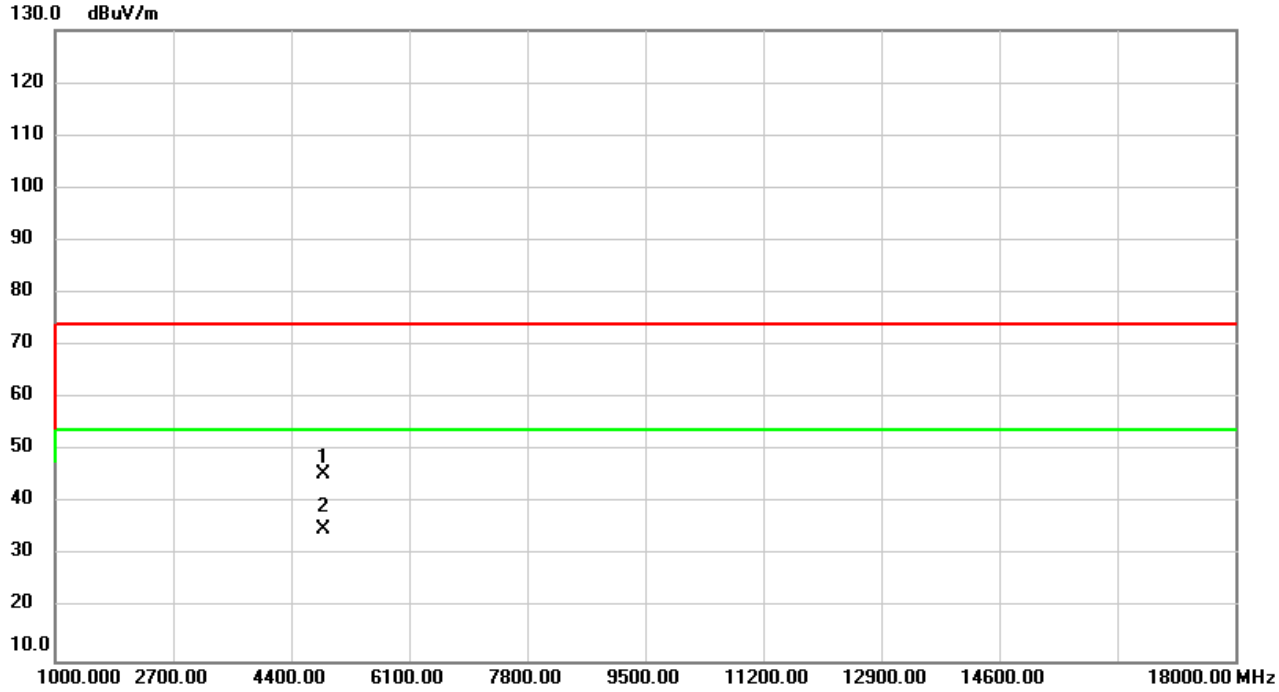
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/9
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.06	0.74	44.80	74.00	-29.20	peak	
2	*	4874.000	34.09	0.74	34.83	54.00	-19.17	AVG	

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

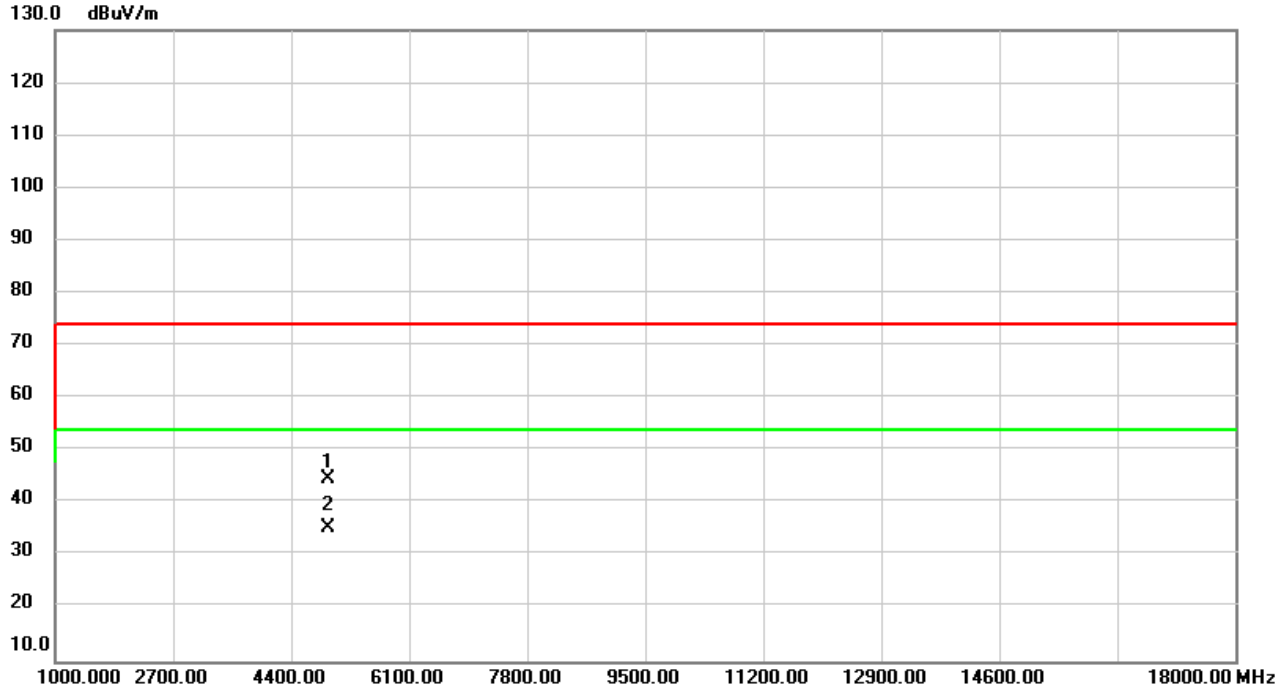
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.70	0.74	45.44	74.00	-28.56	peak	
2	*	4874.000	34.20	0.74	34.94	54.00	-19.06	AVG	

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

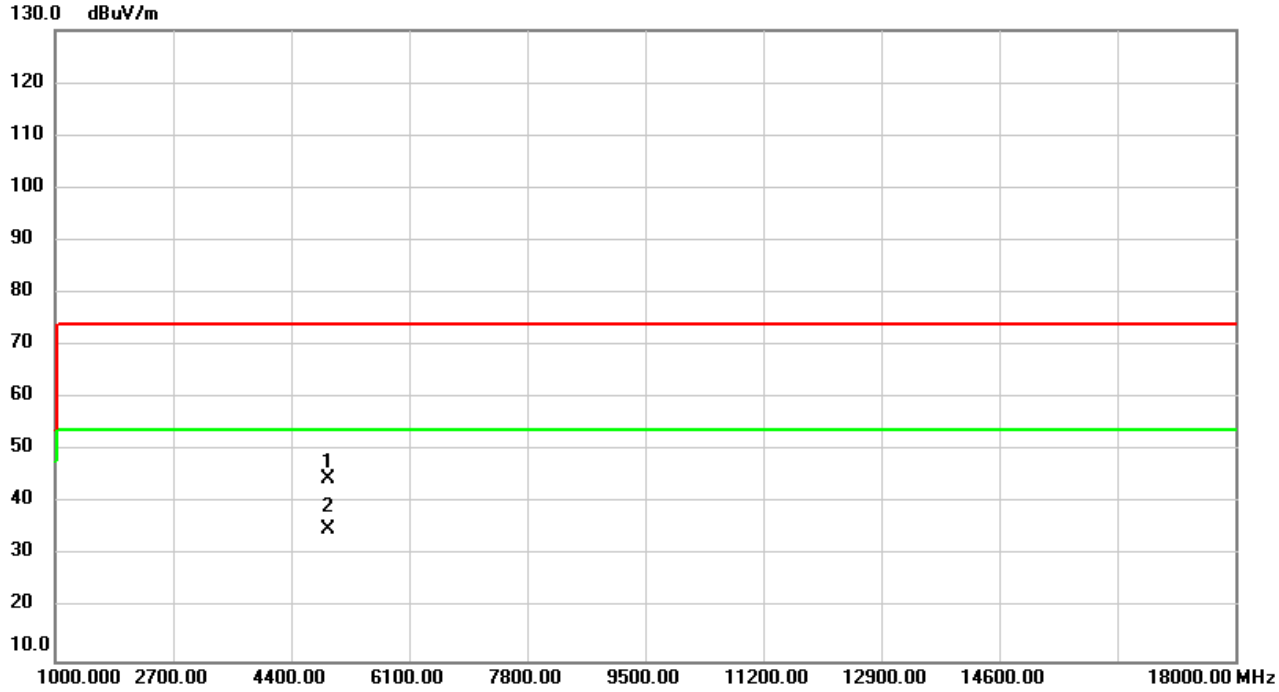
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/9
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	43.68	0.89	44.57	74.00	-29.43	peak	
2	*	4924.000	34.49	0.89	35.38	54.00	-18.62	AVG	

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

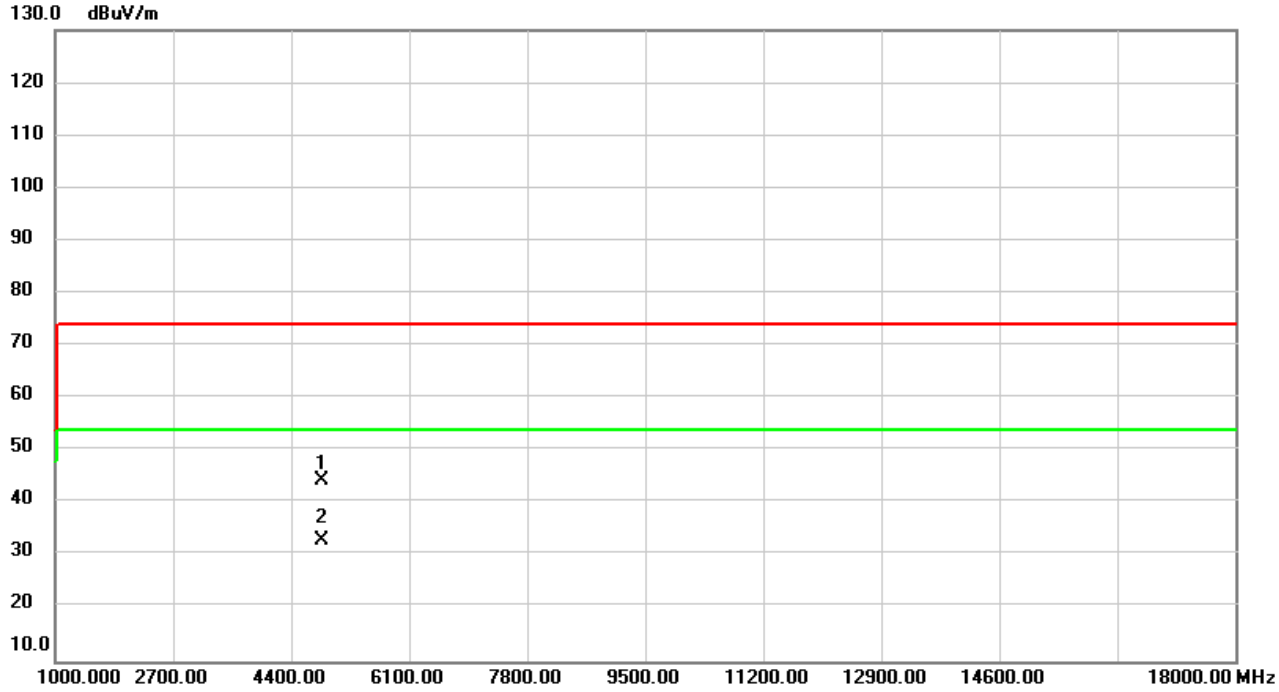
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/9
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	43.82	0.89	44.71	74.00	-29.29	peak	
2	*	4924.000	34.29	0.89	35.18	54.00	-18.82	AVG	

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

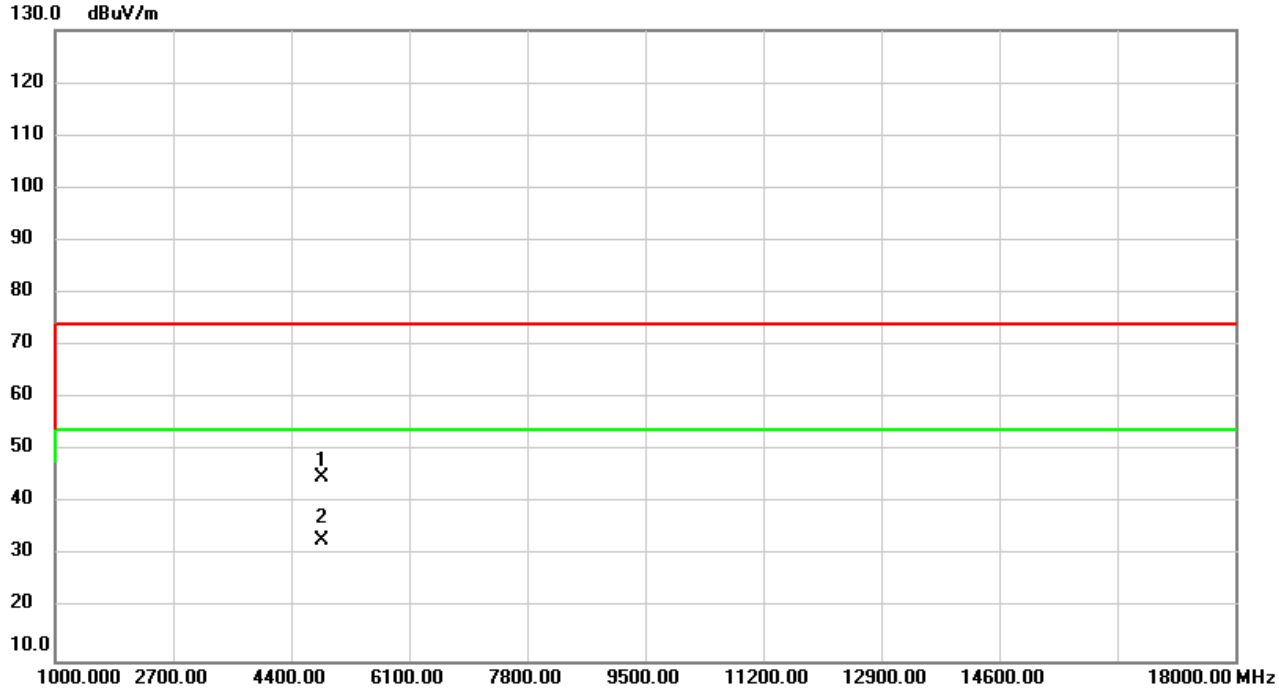
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/11/9
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	43.74	0.64	44.38	74.00	-29.62	peak	
2	*	4844.000	32.38	0.64	33.02	54.00	-20.98	AVG	

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

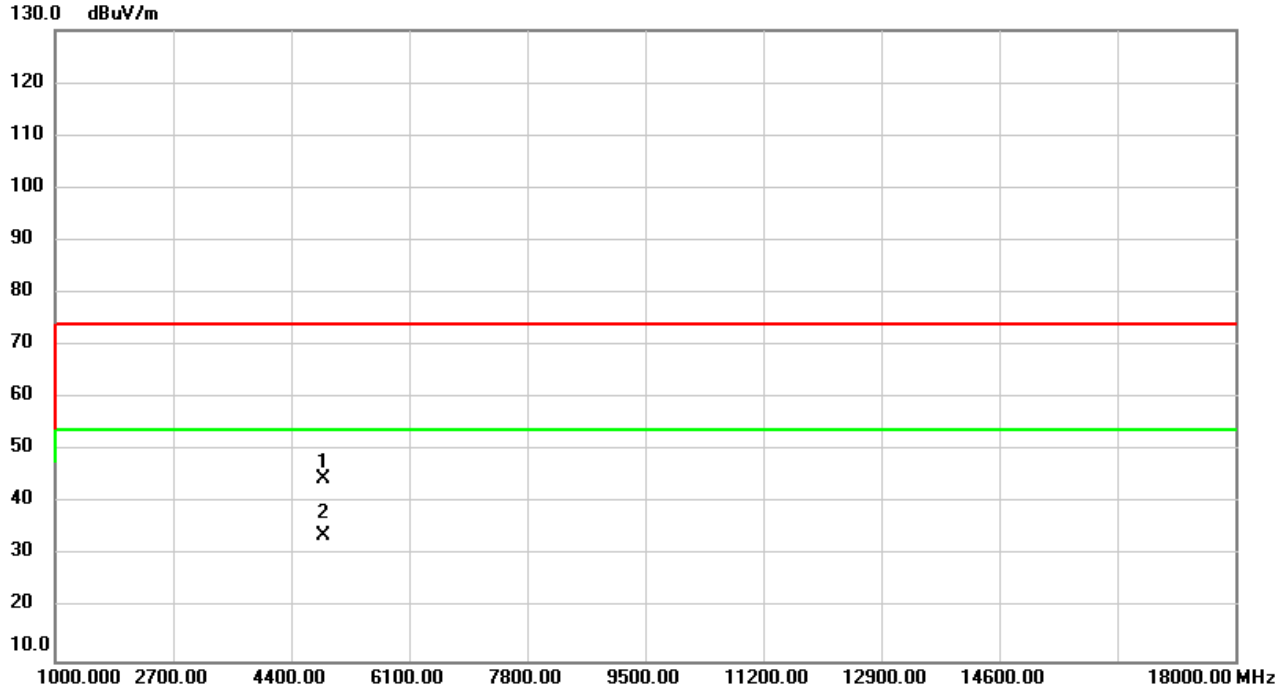
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/11/9
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.26	0.64	44.90	74.00	-29.10	peak	
2	*	4844.000	32.26	0.64	32.90	54.00	-21.10	AVG	

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

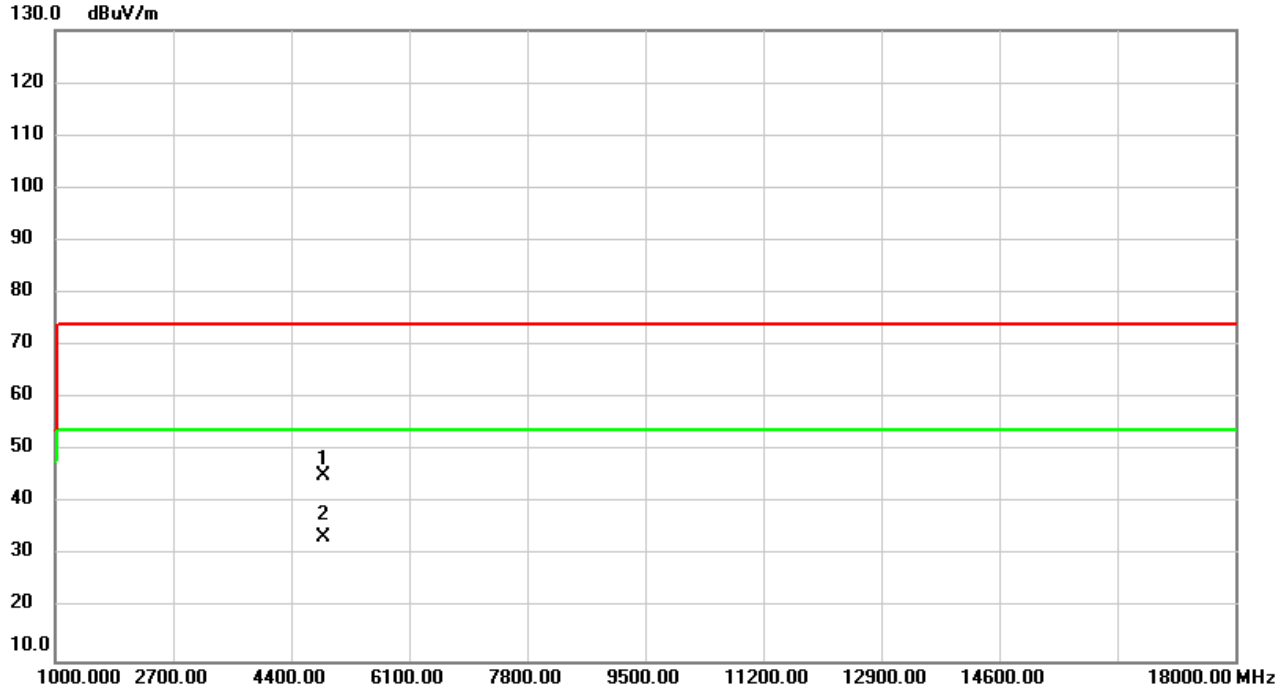
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/11/9
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	43.78	0.74	44.52	74.00	-29.48	peak	
2	*	4874.000	32.96	0.74	33.70	54.00	-20.30	AVG	

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

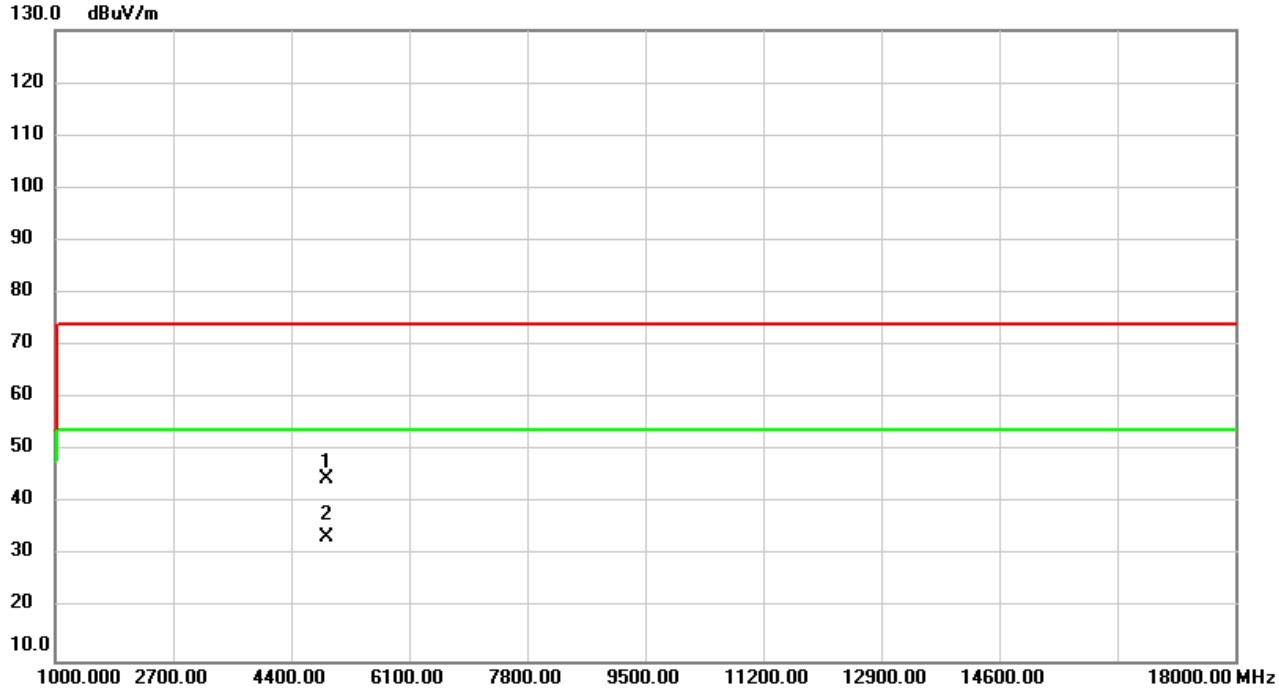
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/11/9
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.53	0.74	45.27	74.00	-28.73	peak	
2	*	4874.000	32.81	0.74	33.55	54.00	-20.45	AVG	

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

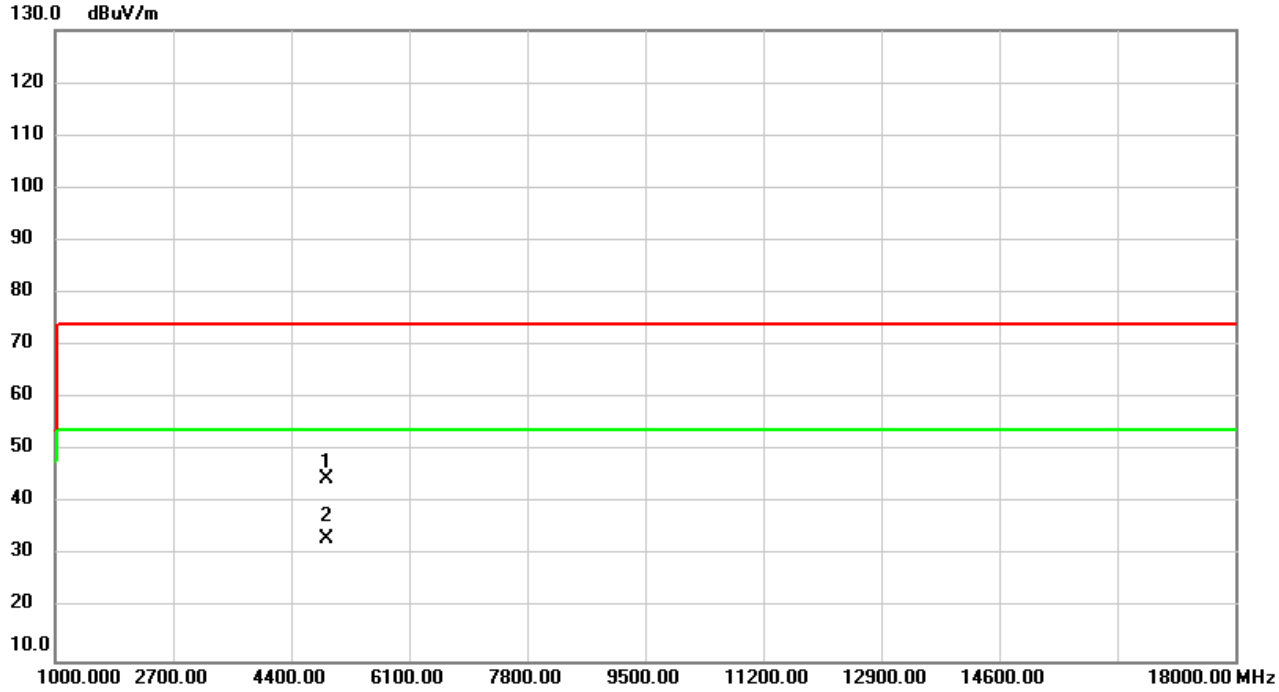
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/11/9
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	43.77	0.82	44.59	74.00	-29.41	peak	
2	*	4904.000	32.71	0.82	33.53	54.00	-20.47	AVG	

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

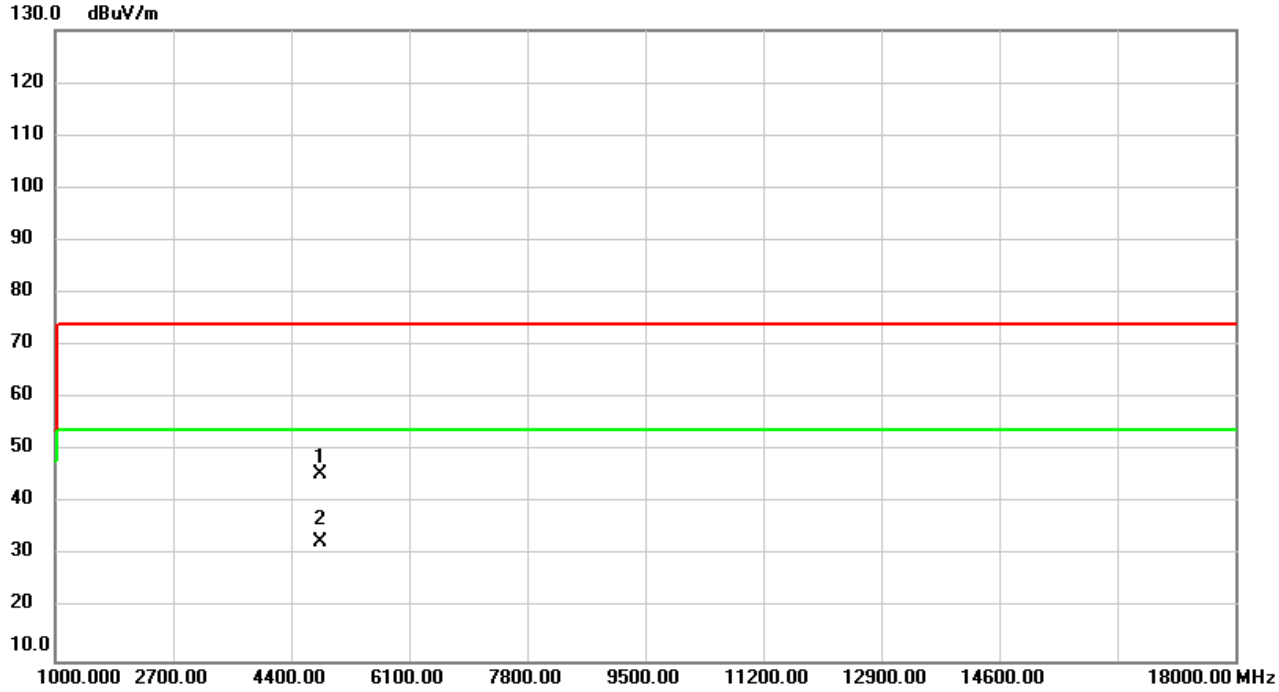
Test Mode	IEEE 802.11n (HT40)	Test Date	2023/11/9
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	43.98	0.82	44.80	74.00	-29.20	peak	
2	*	4904.000	32.57	0.82	33.39	54.00	-20.61	AVG	

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

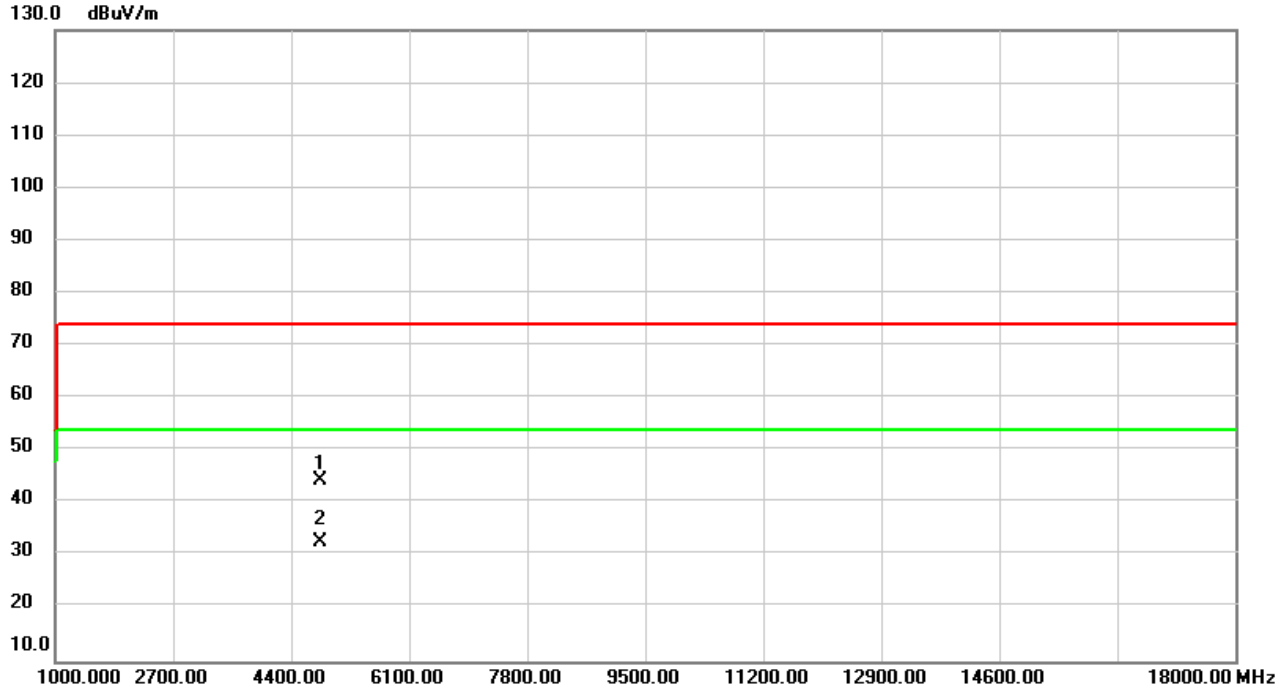
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	45.02	0.59	45.61	74.00	-28.39	peak	
2	*	4824.000	32.01	0.59	32.60	54.00	-21.40	AVG	

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

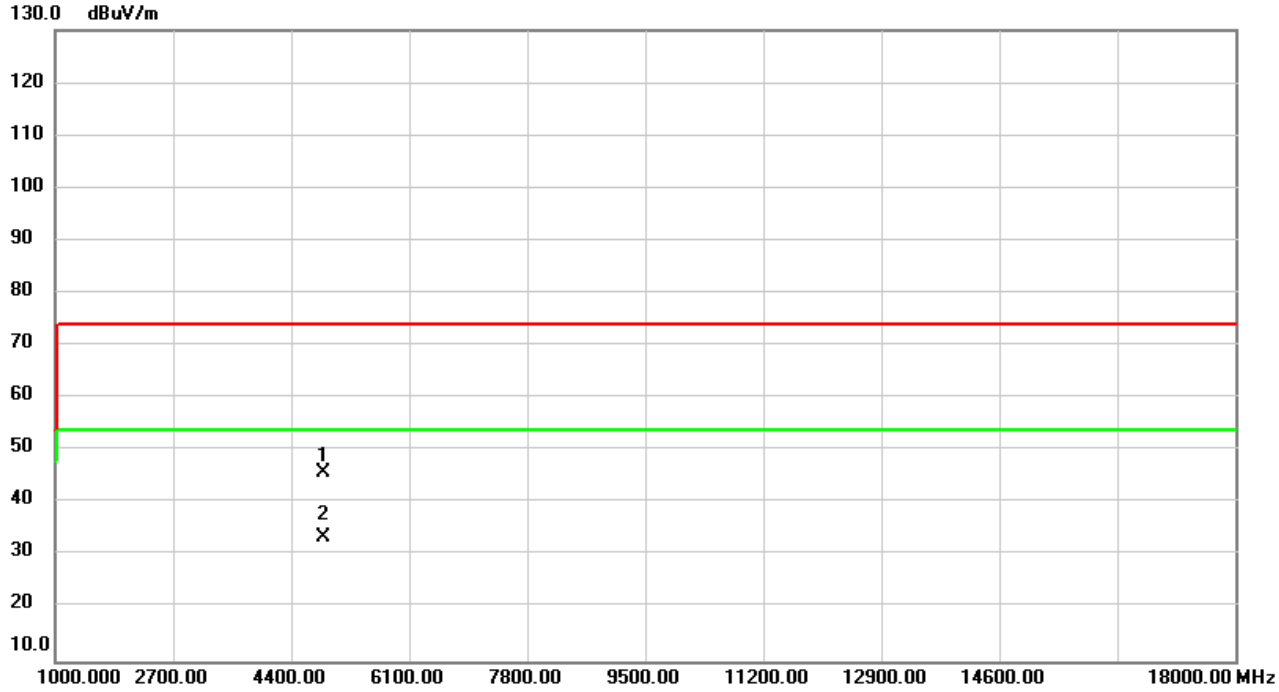
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/11/9
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.84	0.59	44.43	74.00	-29.57	peak	
2	*	4824.000	32.10	0.59	32.69	54.00	-21.31	AVG	

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

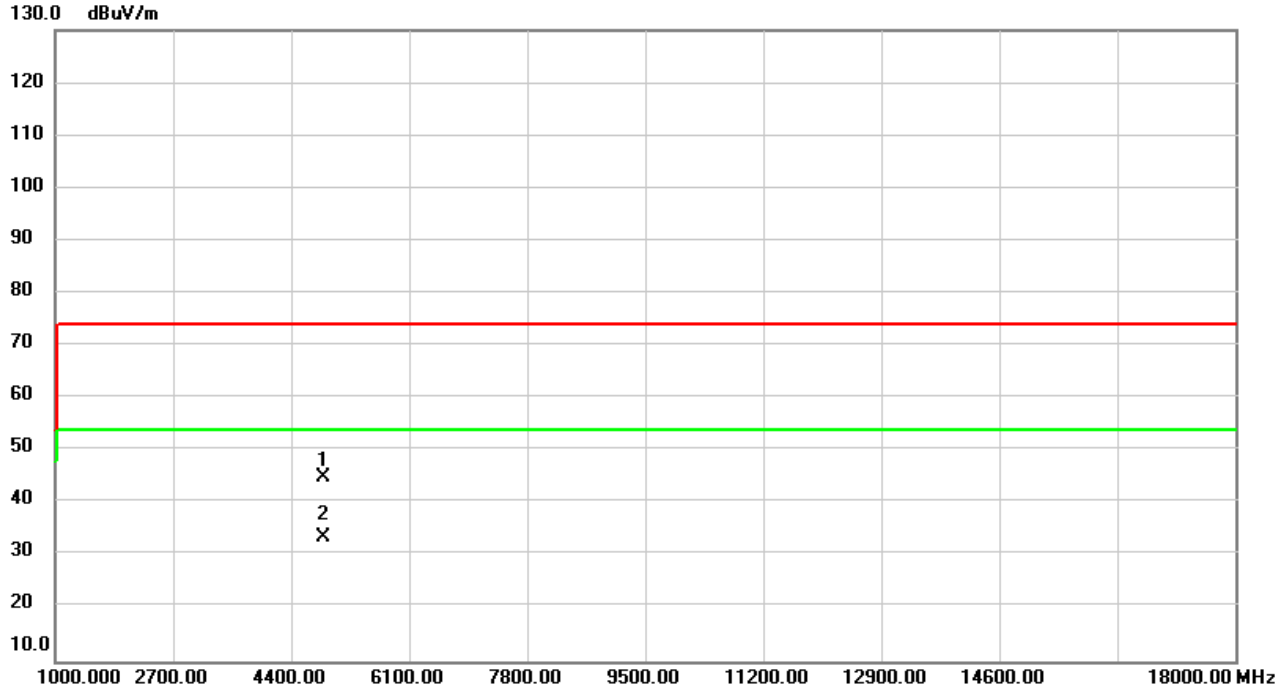
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/11/9
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.98	0.74	45.72	74.00	-28.28	peak	
2	*	4874.000	32.87	0.74	33.61	54.00	-20.39	AVG	

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

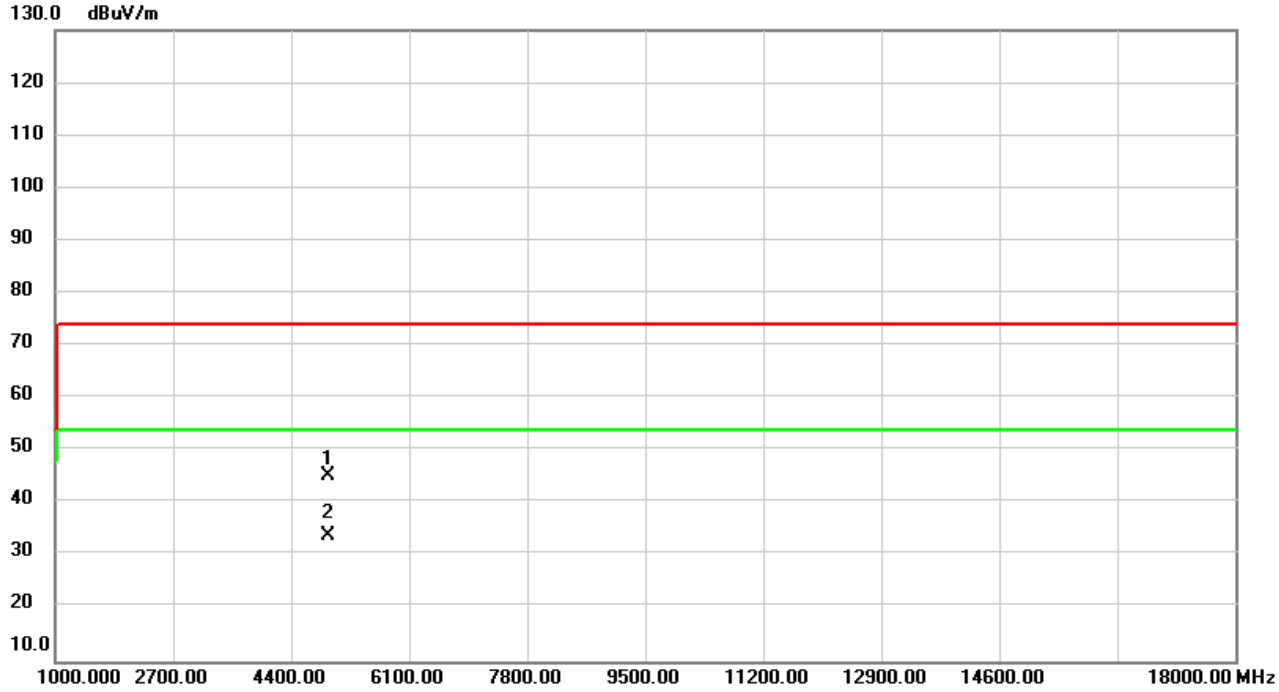
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/11/9
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.14	0.74	44.88	74.00	-29.12	peak	
2	*	4874.000	32.85	0.74	33.59	54.00	-20.41	AVG	

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

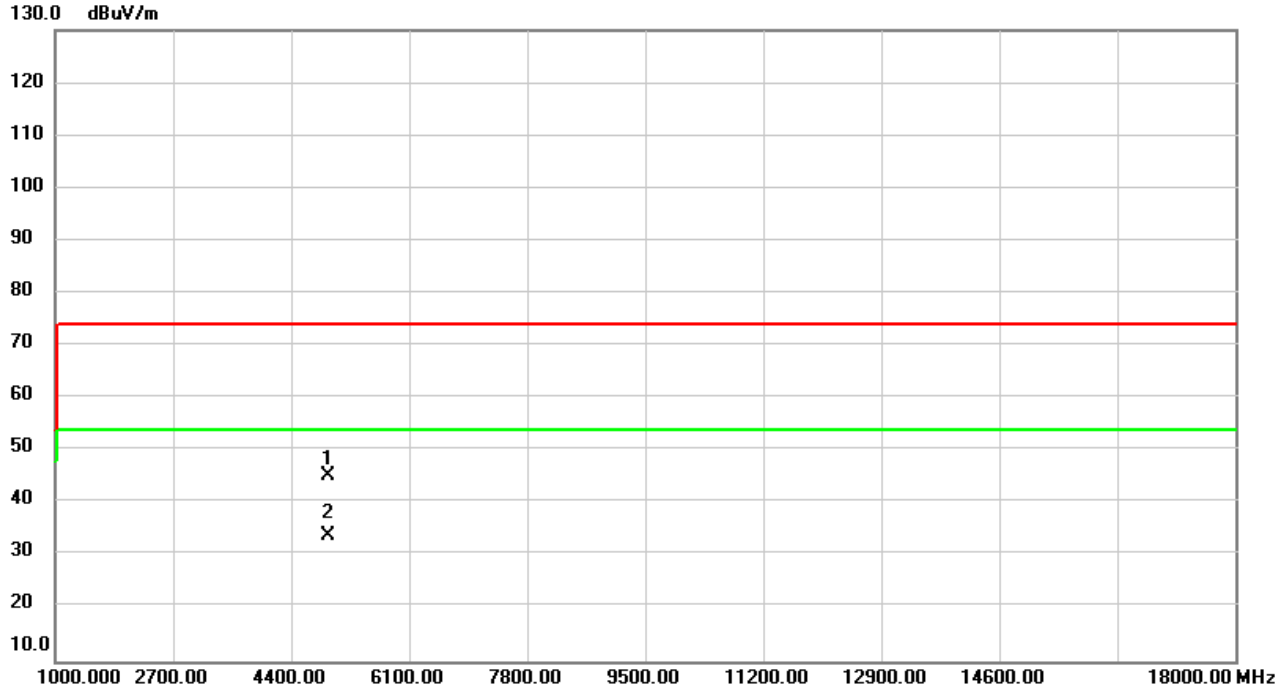
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/11/9
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.21	0.89	45.10	74.00	-28.90	peak	
2	*	4924.000	32.90	0.89	33.79	54.00	-20.21	AVG	

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

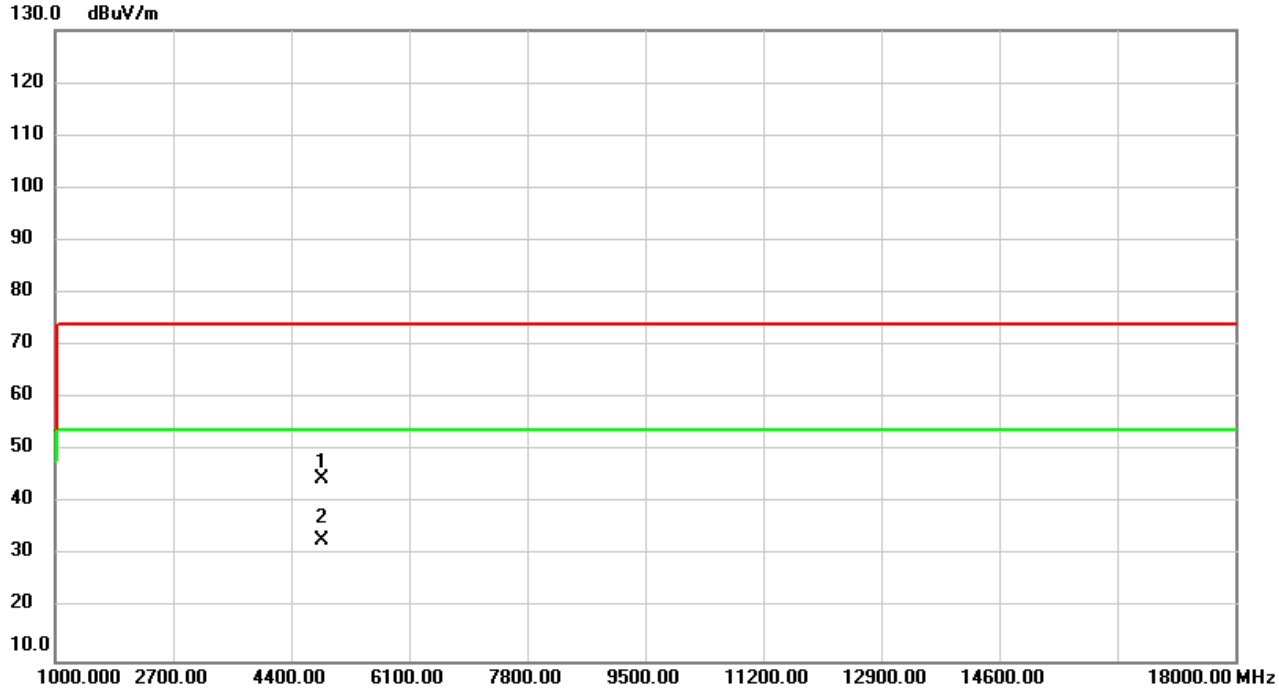
Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/11/9
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.28	0.89	45.17	74.00	-28.83	peak	
2	*	4924.000	32.85	0.89	33.74	54.00	-20.26	AVG	

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

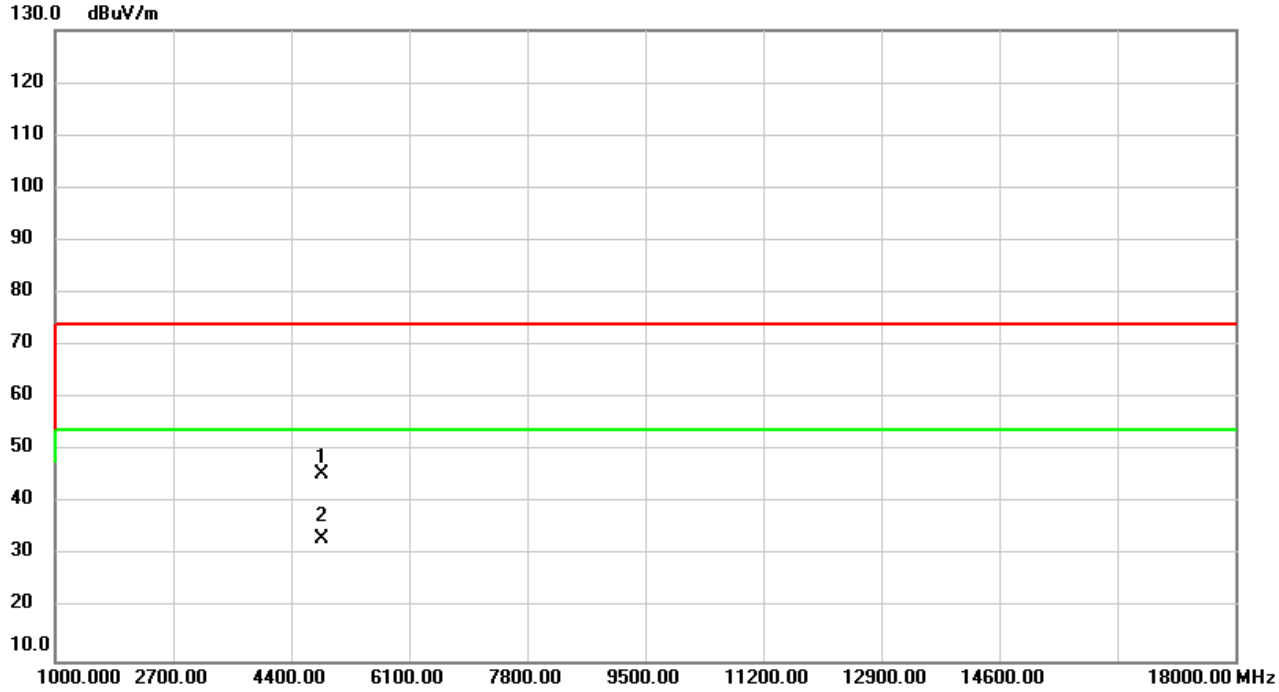
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/11/9
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	43.97	0.64	44.61	74.00	-29.39	peak	
2	*	4844.000	32.41	0.64	33.05	54.00	-20.95	AVG	

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

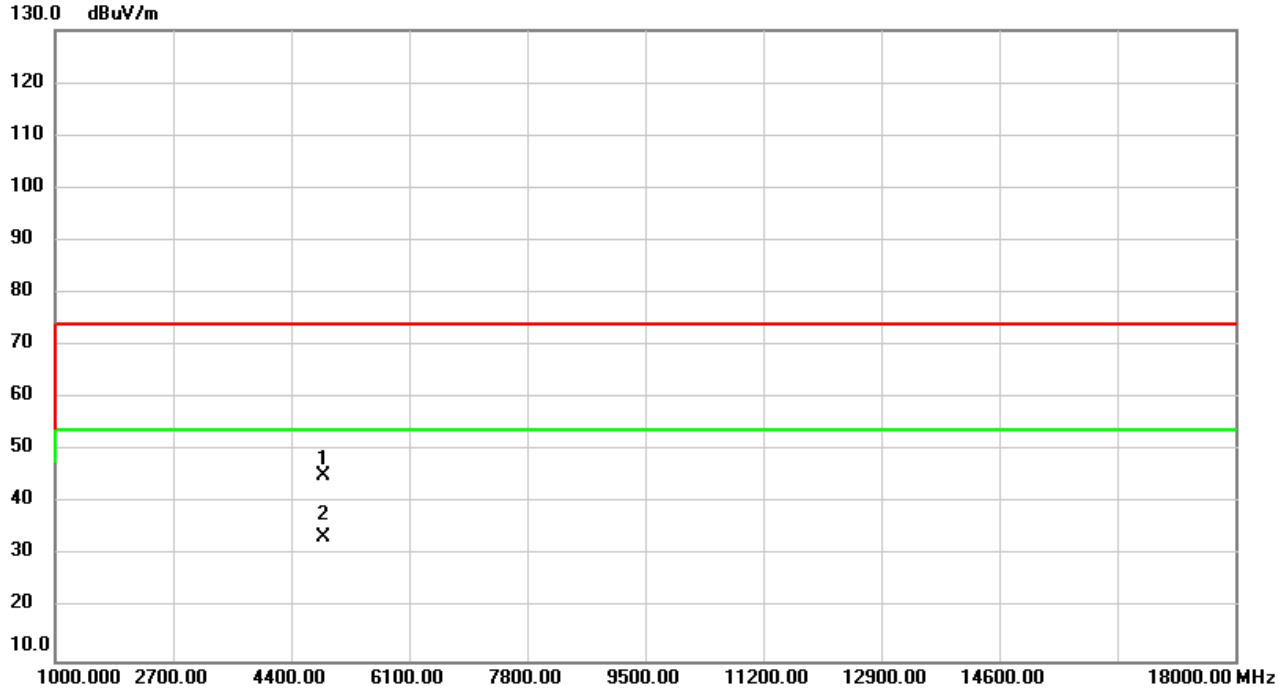
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/11/9
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.96	0.64	45.60	74.00	-28.40	peak	
2	*	4844.000	32.46	0.64	33.10	54.00	-20.90	AVG	

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

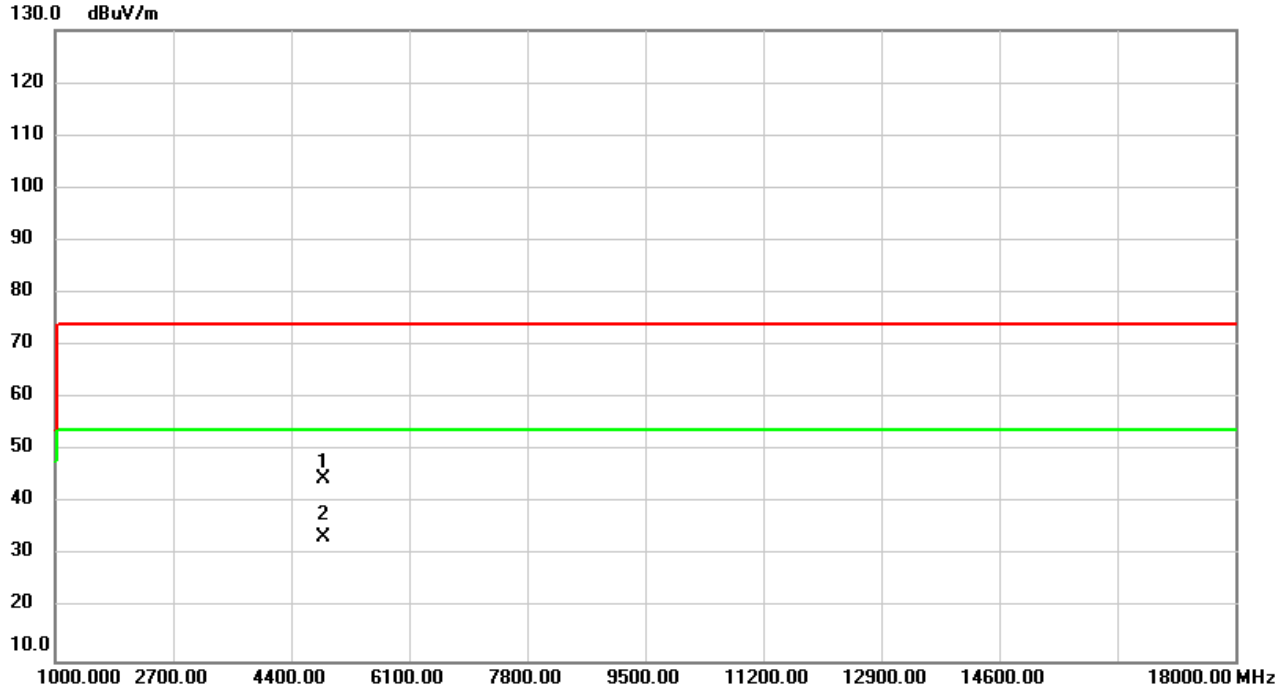
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/11/9
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.47	0.74	45.21	74.00	-28.79	peak	
2	*	4874.000	32.87	0.74	33.61	54.00	-20.39	AVG	

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

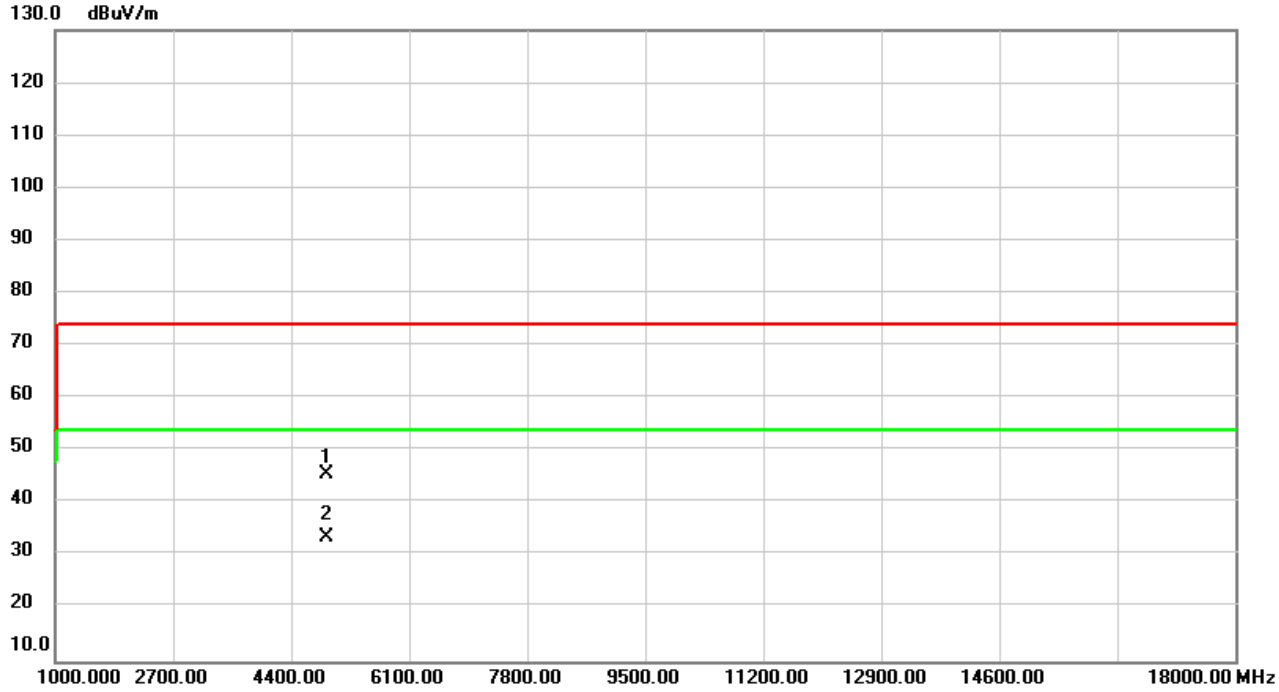
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/11/9
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.01	0.74	44.75	74.00	-29.25	peak	
2	*	4874.000	32.81	0.74	33.55	54.00	-20.45	AVG	

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

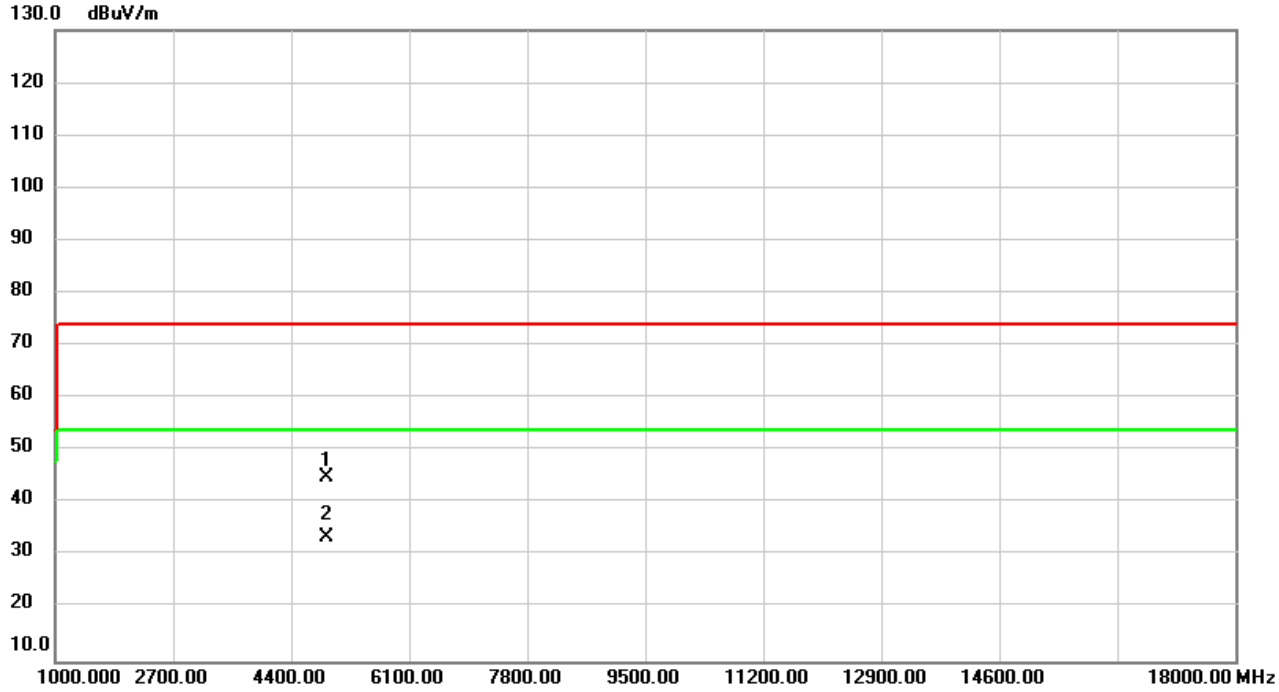
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/11/9
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	44.67	0.82	45.49	74.00	-28.51	peak	
2	*	4904.000	32.68	0.82	33.50	54.00	-20.50	AVG	

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

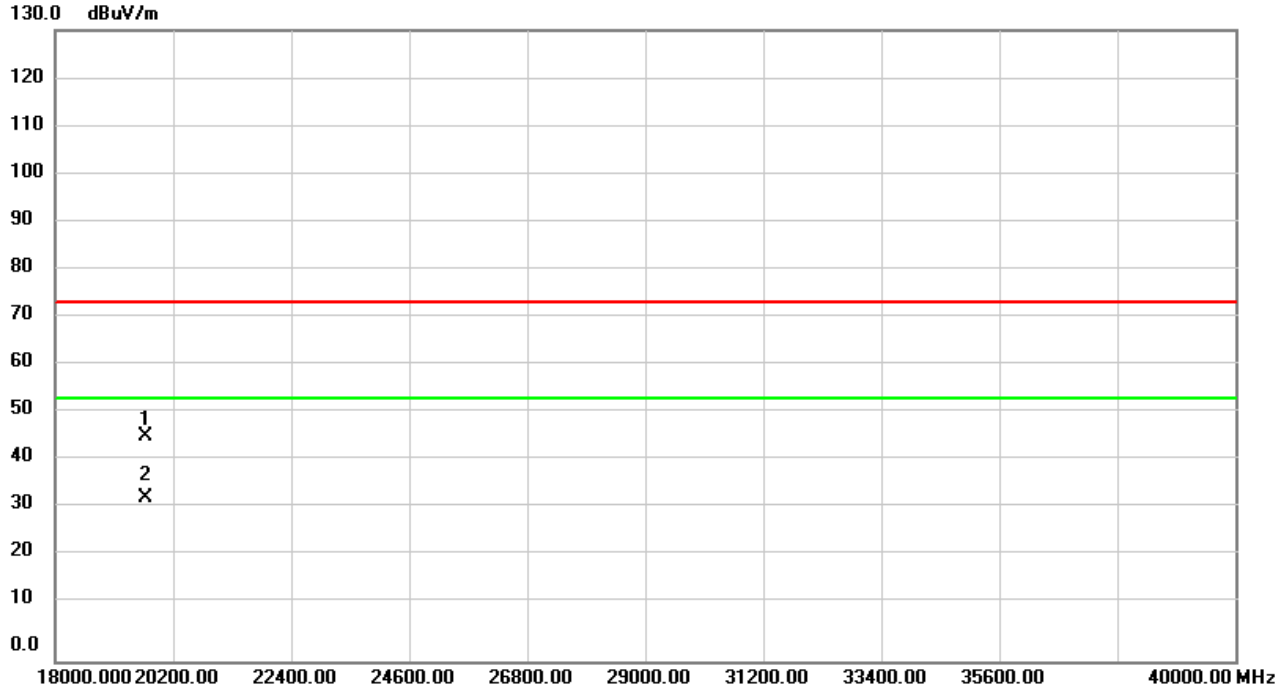
Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/11/9
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	44.07	0.82	44.89	74.00	-29.11	peak	
2	*	4904.000	32.64	0.82	33.46	54.00	-20.54	AVG	

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

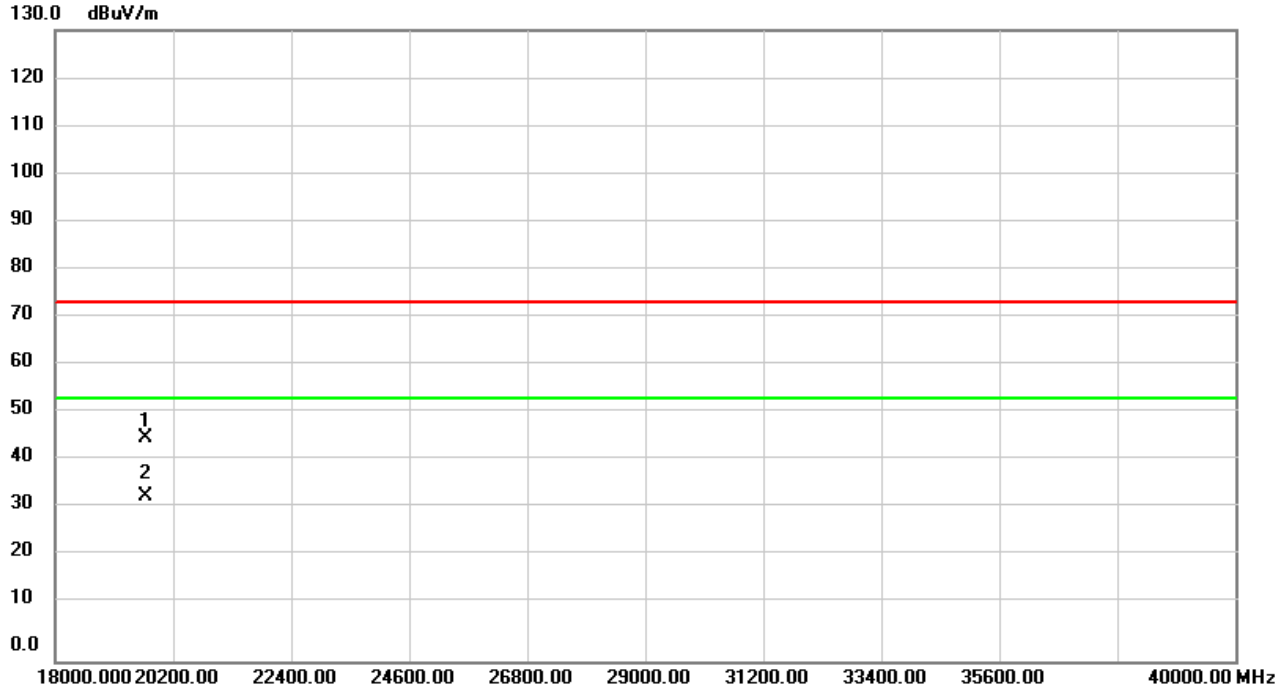
Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/10
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19696.00	54.45	-8.28	46.17	74.00	-27.83	peak	
2	*	19696.00	41.88	-8.28	33.60	54.00	-20.40	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/11/10
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	59%



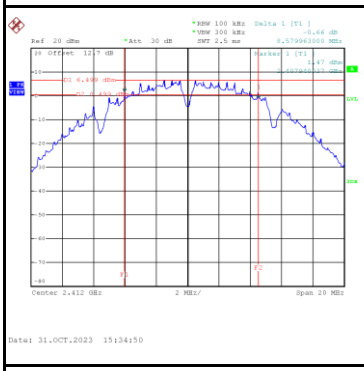
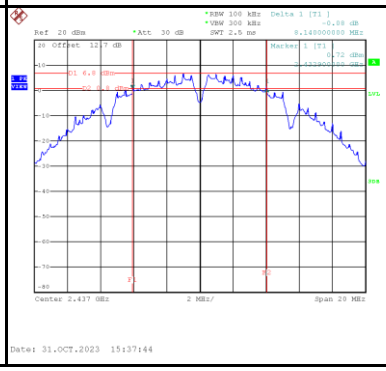
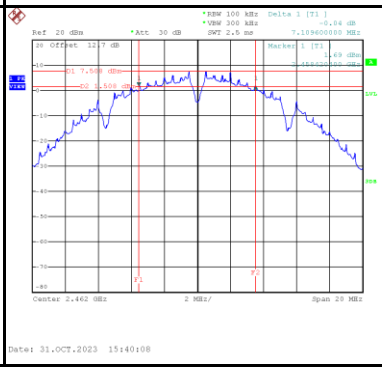
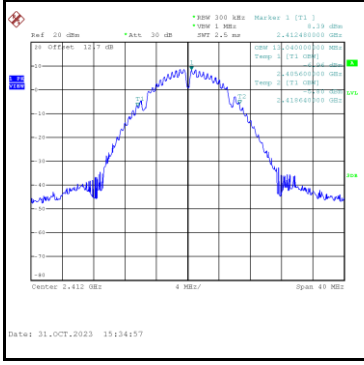
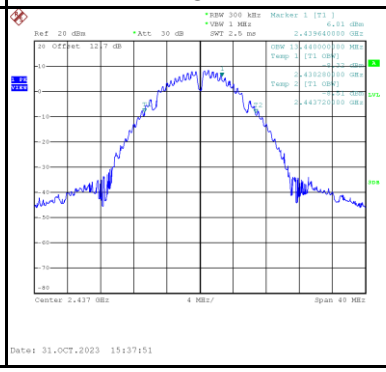
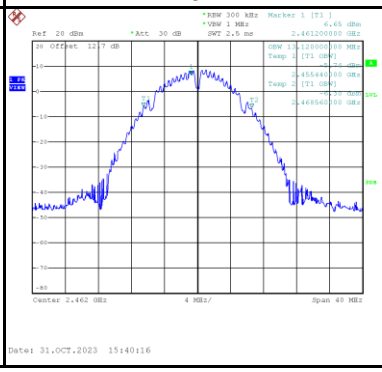
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19696.00	54.32	-8.28	46.04	74.00	-27.96	peak	
2	*	19696.00	42.14	-8.28	33.86	54.00	-20.14	AVG	

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

APPENDIX E BANDWIDTH

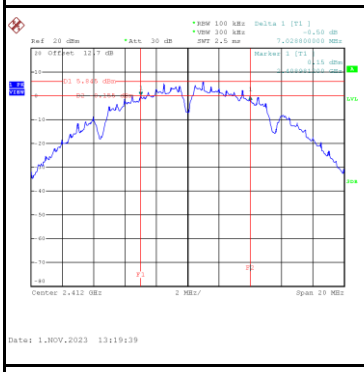
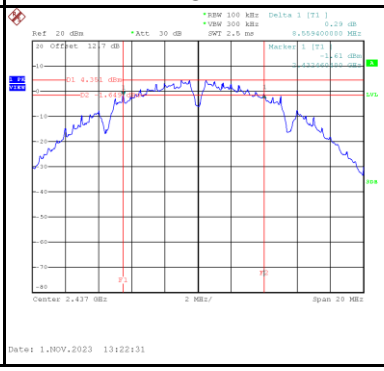
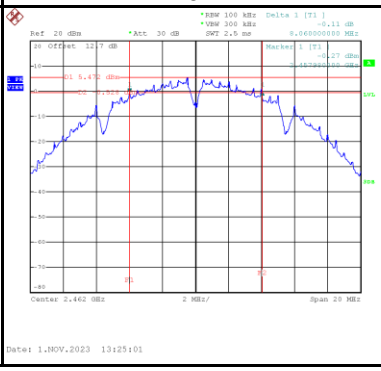
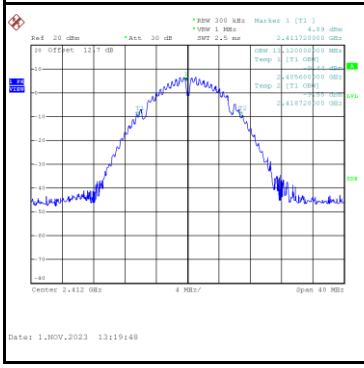
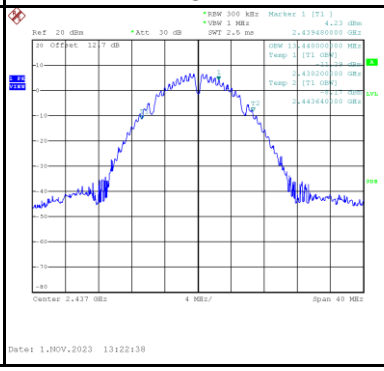
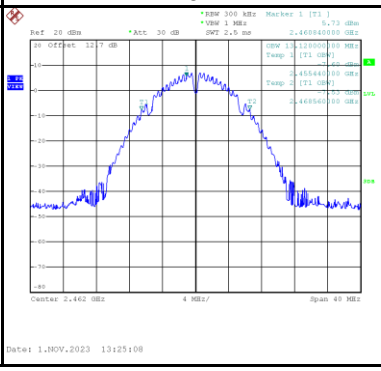
Test Mode	IEEE 802.11b_Antenna 2

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	8.58	13.04	≥ 500	Pass
2437	8.14	13.44	≥ 500	Pass
2462	7.11	13.12	≥ 500	Pass

6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

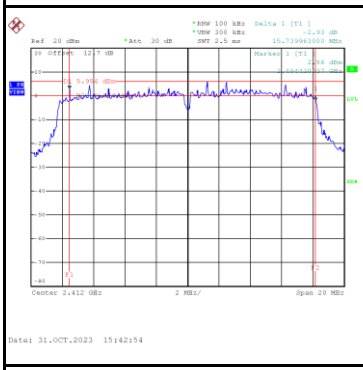
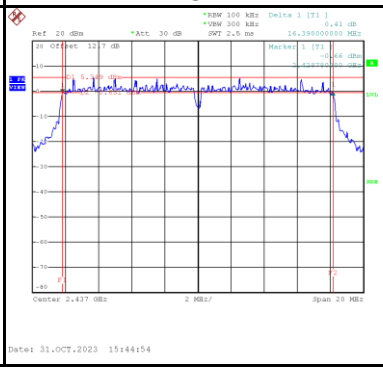
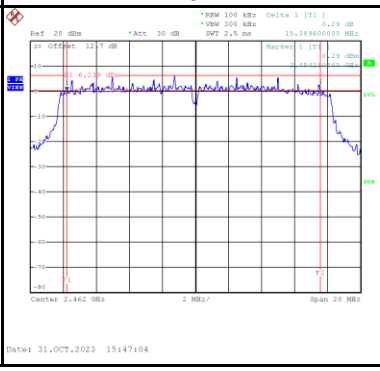
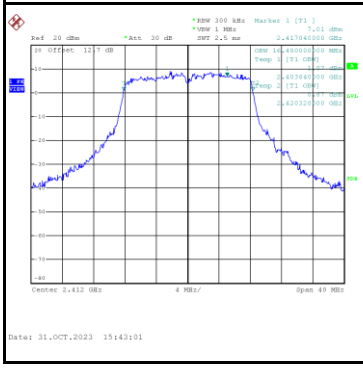
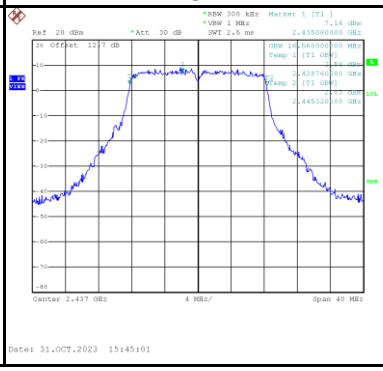
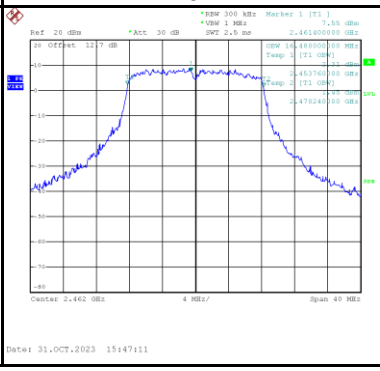
Test Mode	IEEE 802.11b_Antenna 3

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	7.03	13.12	≥ 500	Pass
2437	8.56	13.44	≥ 500	Pass
2462	8.06	13.12	≥ 500	Pass

6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

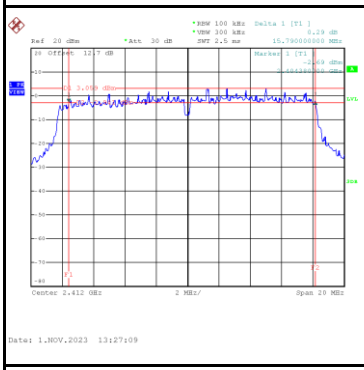
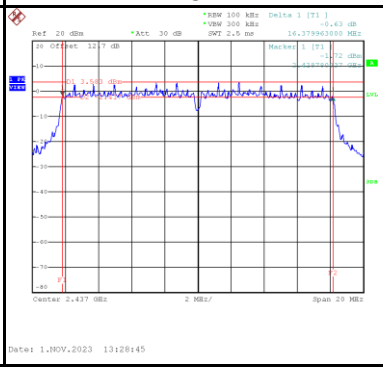
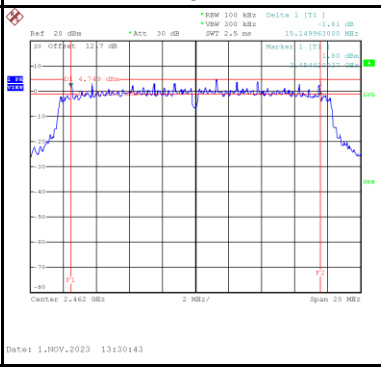
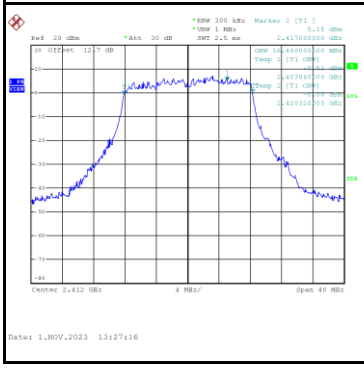
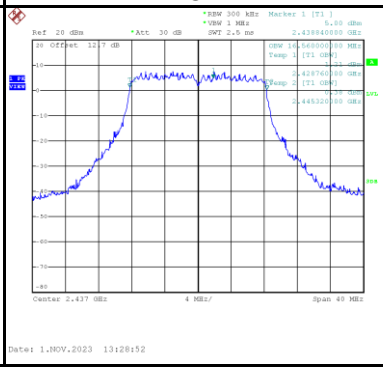
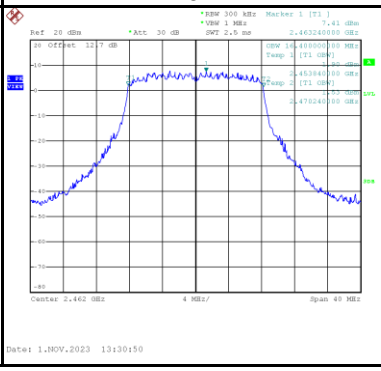
Test Mode	IEEE 802.11g_Antenna 2

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.74	16.48	≥ 500	Pass
2437	16.39	16.56	≥ 500	Pass
2462	15.39	16.48	≥ 500	Pass

6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

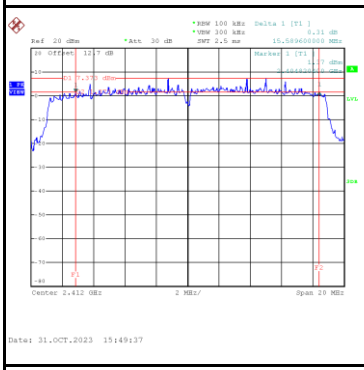
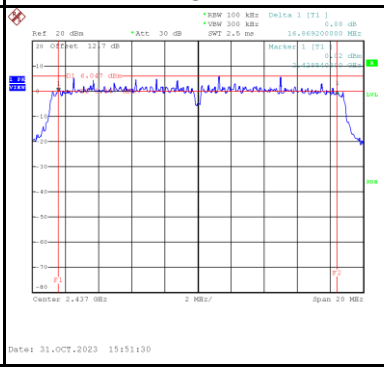
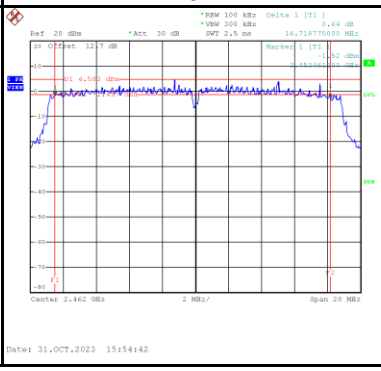
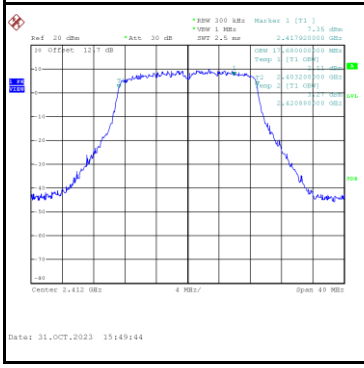
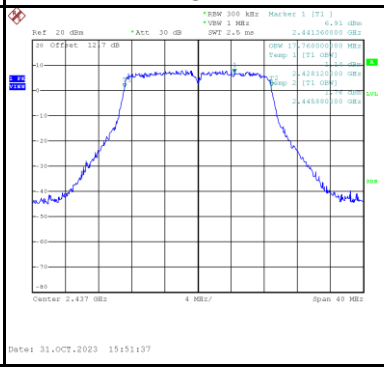
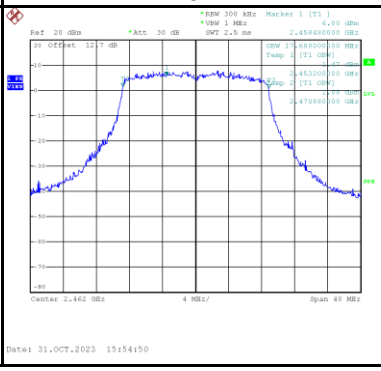
Test Mode	IEEE 802.11g_Antenna 3

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.79	16.48	≥ 500	Pass
2437	16.38	16.56	≥ 500	Pass
2462	15.15	16.40	≥ 500	Pass

6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

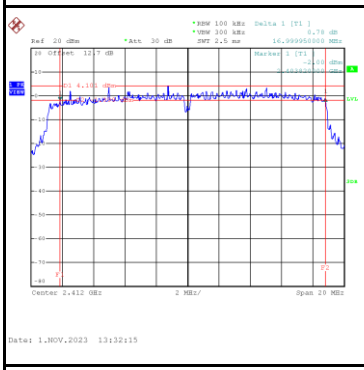
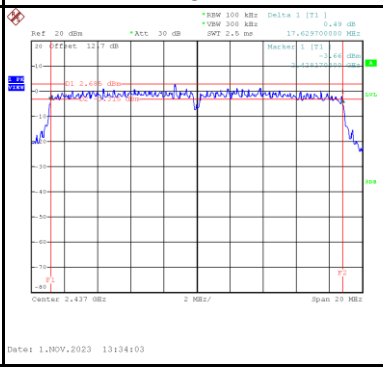
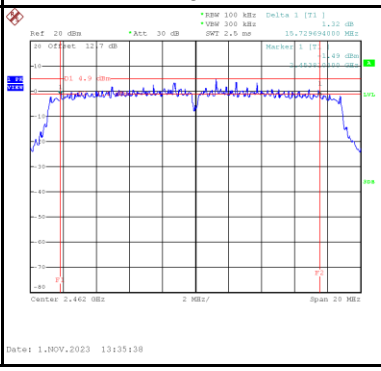
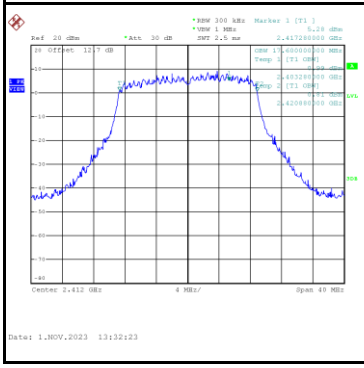
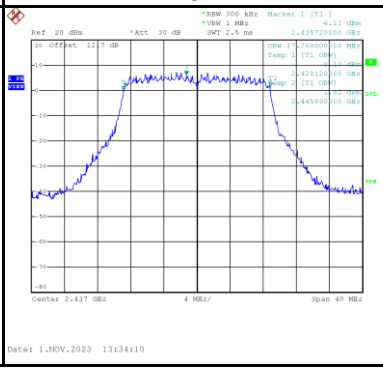
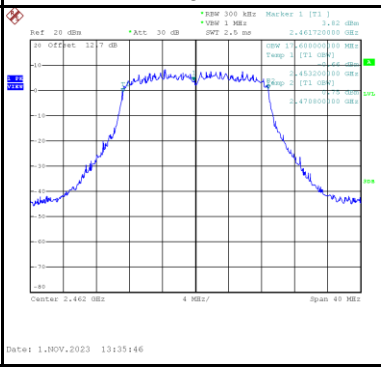
Test Mode	IEEE 802.11n (HT20)_Antenna 2

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.59	17.68	≥ 500	Pass
2437	16.87	17.76	≥ 500	Pass
2462	16.72	17.68	≥ 500	Pass

6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

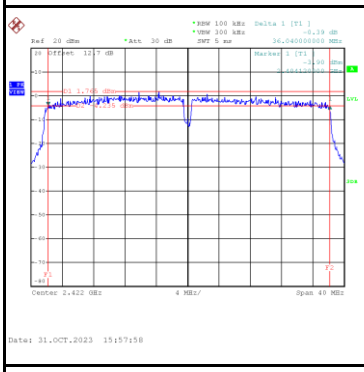
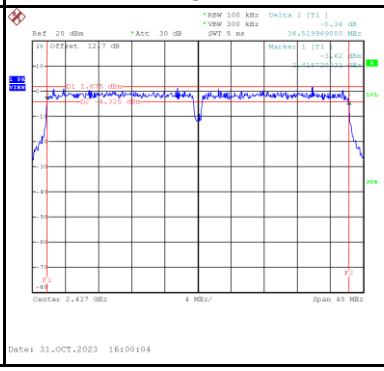
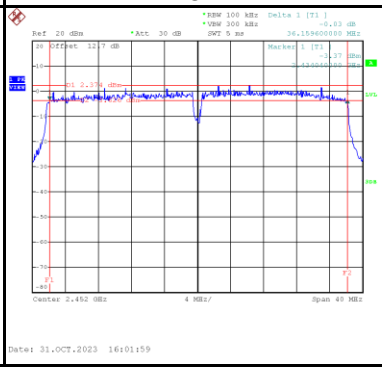
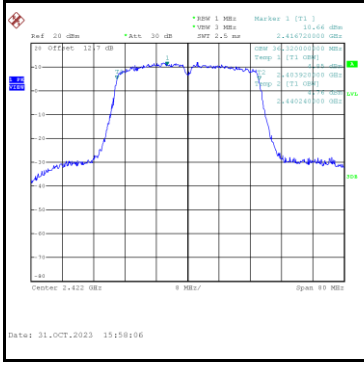
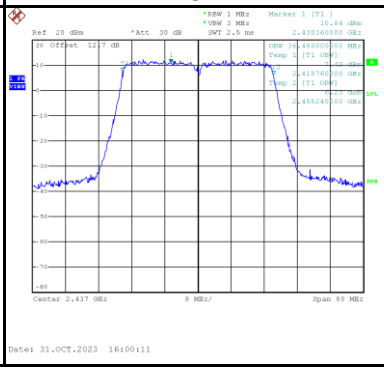
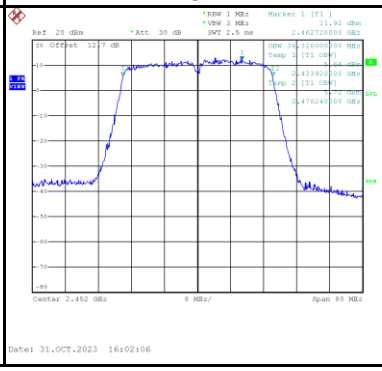
Test Mode	IEEE 802.11n (HT20)_Antenna 3

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.00	17.60	≥ 500	Pass
2437	17.63	17.76	≥ 500	Pass
2462	15.73	17.60	≥ 500	Pass

6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

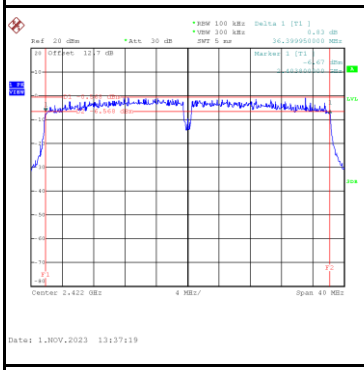
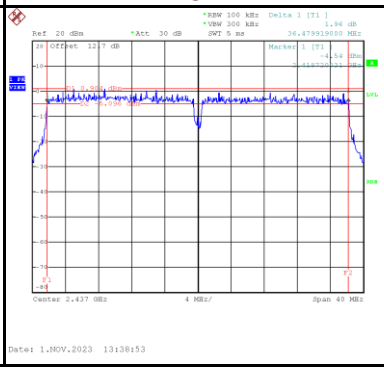
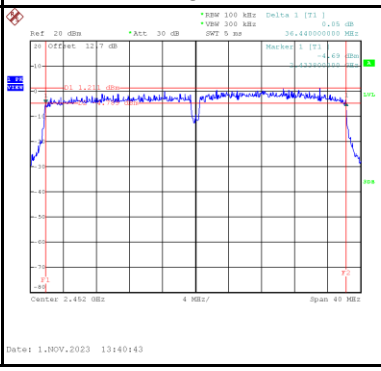
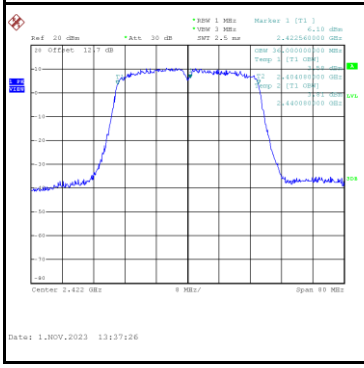
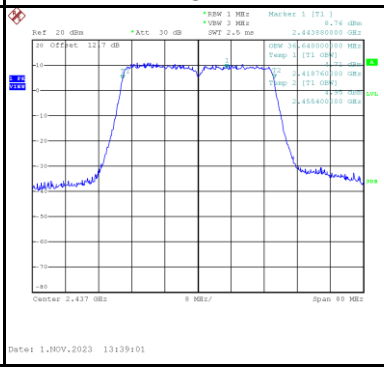
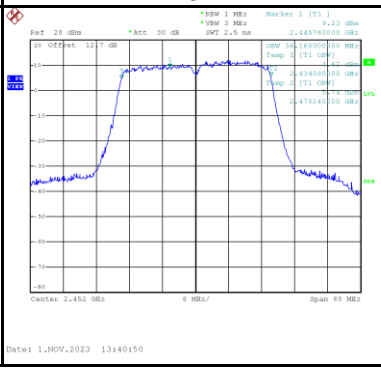
Test Mode	IEEE 802.11n (HT40)_Antenna 2

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	36.04	36.32	≥ 500	Pass
2437	36.52	36.48	≥ 500	Pass
2452	36.16	36.32	≥ 500	Pass

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

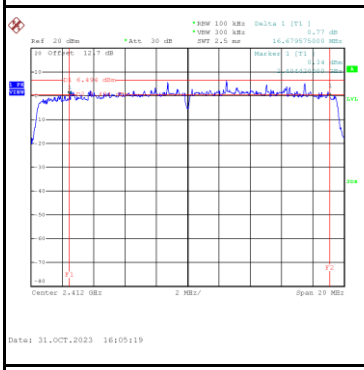
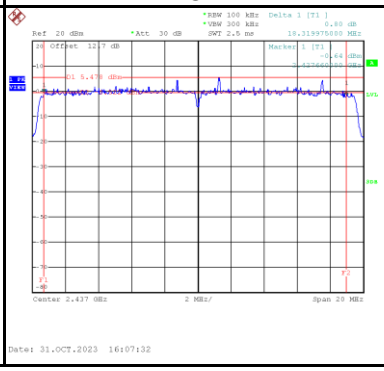
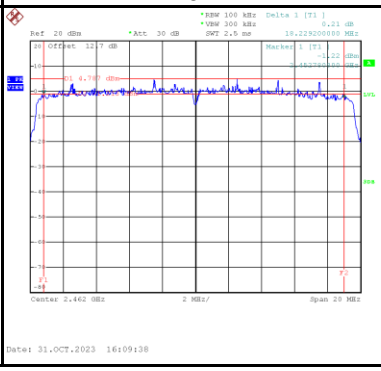
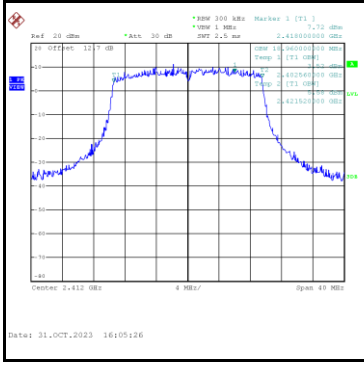
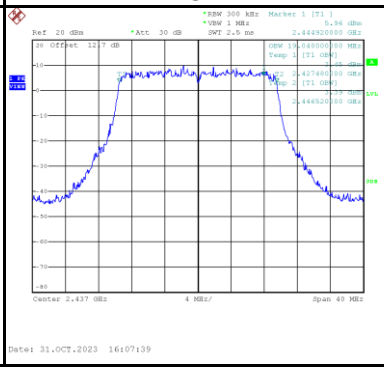
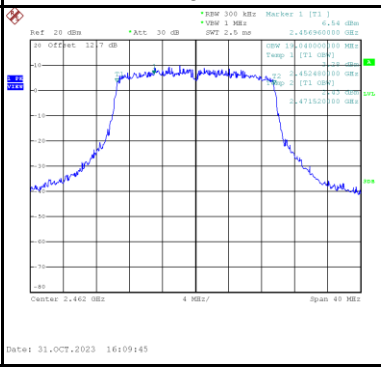
Test Mode	IEEE 802.11n (HT40)_Antenna 3

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	36.40	36.00	≥ 500	Pass
2437	36.48	36.64	≥ 500	Pass
2452	36.44	36.16	≥ 500	Pass

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

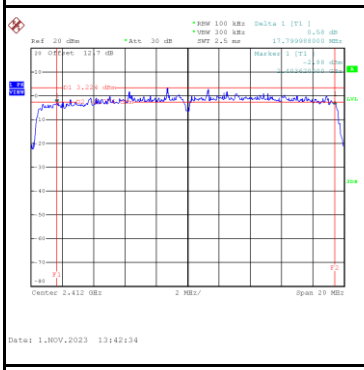
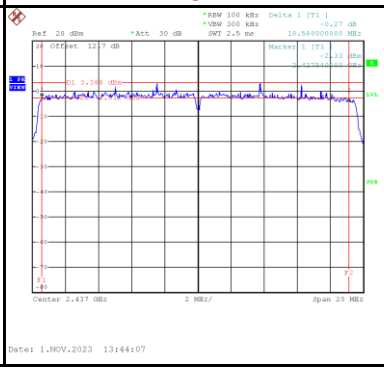
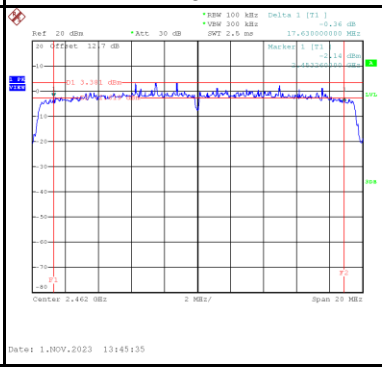
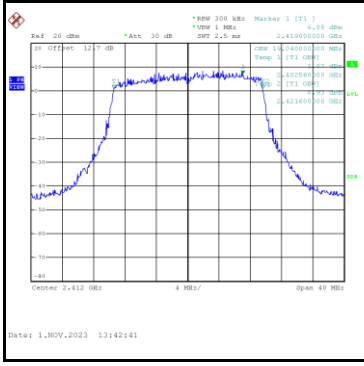
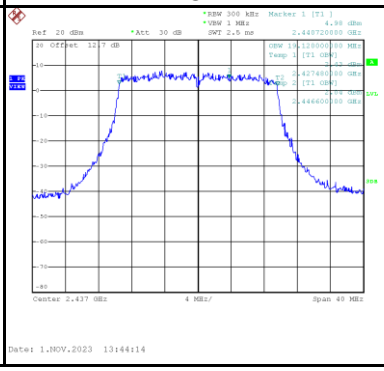
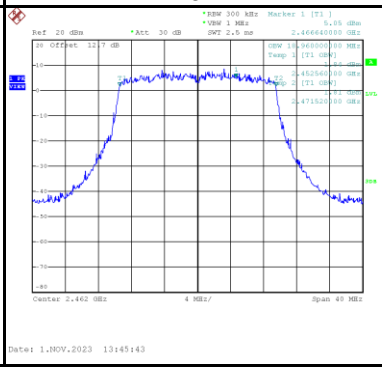
Test Mode	IEEE 802.11ax (HE20)_Antenna 2

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	16.68	18.96	≥ 500	Pass
2437	18.32	19.04	≥ 500	Pass
2462	18.23	19.04	≥ 500	Pass

6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

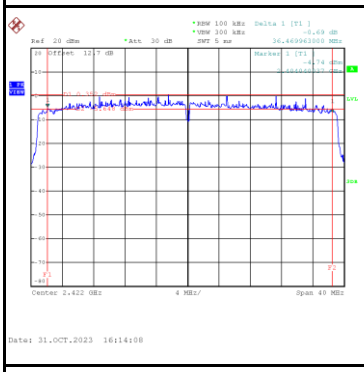
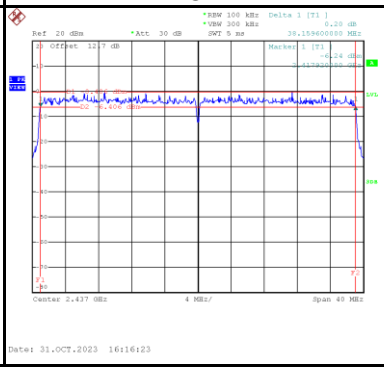
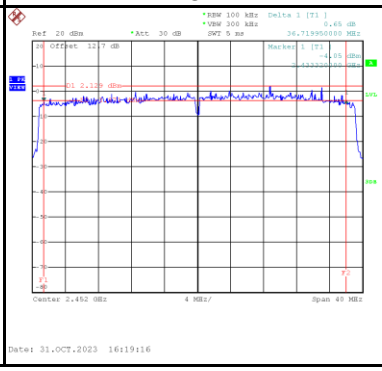
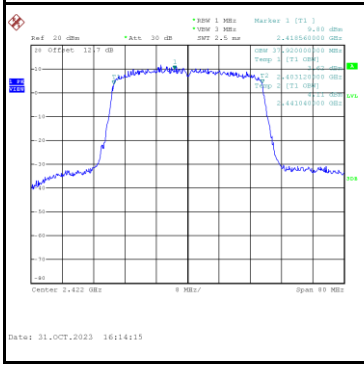
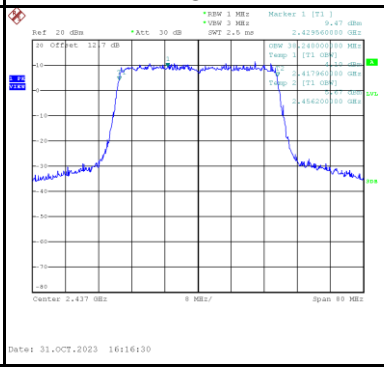
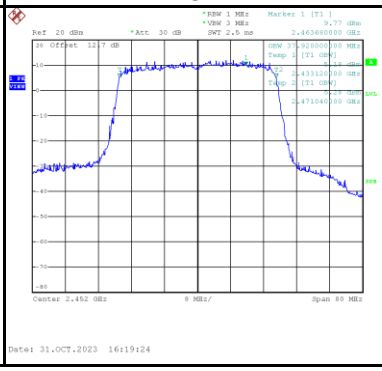
Test Mode	IEEE 802.11ax (HE20)_Antenna 3

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.80	19.04	≥ 500	Pass
2437	18.58	19.12	≥ 500	Pass
2462	17.63	18.96	≥ 500	Pass

6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

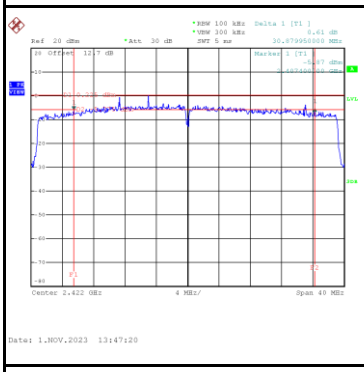
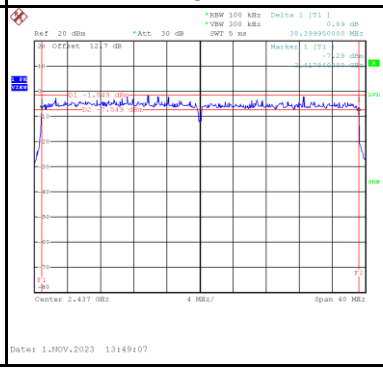
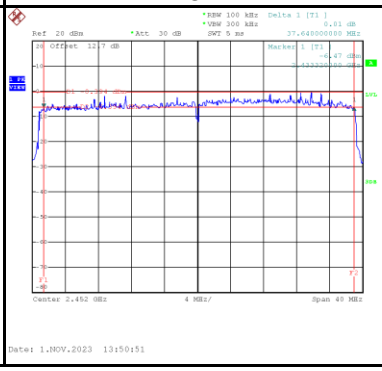
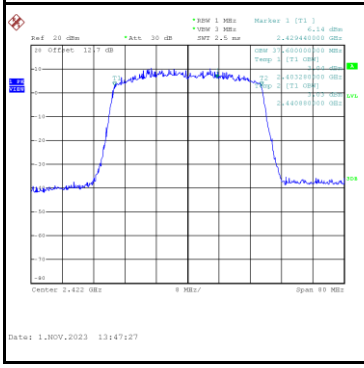
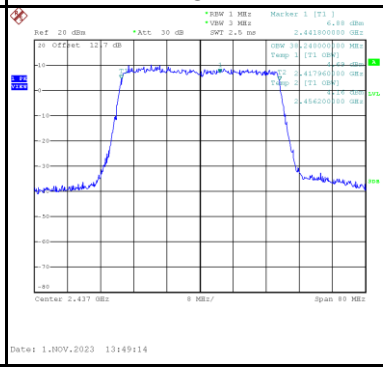
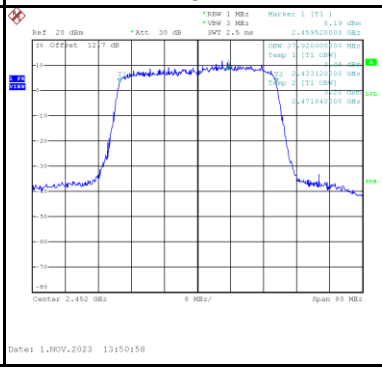
Test Mode	IEEE 802.11ax (HE40)_Antenna 2

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	36.47	37.92	≥ 500	Pass
2437	38.16	38.24	≥ 500	Pass
2452	36.72	37.92	≥ 500	Pass

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

Test Mode	IEEE 802.11ax (HE40)_Antenna 3

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	30.88	37.60	≥ 500	Pass
2437	38.40	38.24	≥ 500	Pass
2452	37.64	37.92	≥ 500	Pass

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

APPENDIX F OUTPUT POWER

Test Mode	IEEE 802.11b_Antenna 2	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	17.70	0.0589	28.34	0.6823	Pass
2437	17.49	0.0561	28.34	0.6823	Pass
2462	17.81	0.0604	28.34	0.6823	Pass

Test Mode	IEEE 802.11b_Antenna 3	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	17.55	0.0569	28.34	0.6823	Pass
2437	17.47	0.0558	28.34	0.6823	Pass
2462	17.80	0.0603	28.34	0.6823	Pass

Test Mode	IEEE 802.11b_Total	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.64	0.1158	28.34	0.6823	Pass
2437	20.49	0.1120	28.34	0.6823	Pass
2462	20.82	0.1207	28.34	0.6823	Pass

Test Mode	IEEE 802.11g_Antenna 2	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.26	0.1062	28.34	0.6823	Pass
2437	20.20	0.1047	28.34	0.6823	Pass
2462	19.97	0.0993	28.34	0.6823	Pass

Test Mode	IEEE 802.11g_Antenna 3	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.17	0.1040	28.34	0.6823	Pass
2437	20.48	0.1117	28.34	0.6823	Pass
2462	20.54	0.1132	28.34	0.6823	Pass

Test Mode	IEEE 802.11g_ Total	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.23	0.2102	28.34	0.6823	Pass
2437	23.35	0.2164	28.34	0.6823	Pass
2462	23.27	0.2126	28.34	0.6823	Pass

Test Mode	IEEE 802.11n (HT20) _Antenna 2	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.76	0.1191	28.34	0.6823	Pass
2437	20.23	0.1054	28.34	0.6823	Pass
2462	20.55	0.1135	28.34	0.6823	Pass

Test Mode	IEEE 802.11n (HT20) _Antenna 3	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.54	0.1132	28.34	0.6823	Pass
2437	19.73	0.0940	28.34	0.6823	Pass
2462	20.26	0.1062	28.34	0.6823	Pass

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.66	0.2324	28.34	0.6823	Pass
2437	23.00	0.1994	28.34	0.6823	Pass
2462	23.42	0.2197	28.34	0.6823	Pass

Test Mode	IEEE 802.11n (HT40)_Antenna 2	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.77	0.1194	28.34	0.6823	Pass
2437	20.49	0.1119	28.34	0.6823	Pass
2452	20.46	0.1112	28.34	0.6823	Pass

Test Mode	IEEE 802.11n (HT40)_Antenna 3	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.31	0.1074	28.34	0.6823	Pass
2437	20.35	0.1084	28.34	0.6823	Pass
2452	20.14	0.1033	28.34	0.6823	Pass

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.56	0.2268	28.34	0.6823	Pass
2437	23.43	0.2203	28.34	0.6823	Pass
2452	23.31	0.2144	28.34	0.6823	Pass

Test Mode	IEEE 802.11ax (HE20)_Antenna 2	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.41	0.1384	28.34	0.6823	Pass
2437	20.89	0.1227	28.34	0.6823	Pass
2462	21.15	0.1303	28.34	0.6823	Pass

Test Mode	IEEE 802.11ax (HE20)_Antenna 3	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.18	0.1312	28.34	0.6823	Pass
2437	21.07	0.1279	28.34	0.6823	Pass
2462	21.57	0.1435	28.34	0.6823	Pass

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.31	0.2696	28.34	0.6823	Pass
2437	23.99	0.2507	28.34	0.6823	Pass
2462	24.38	0.2739	28.34	0.6823	Pass

Test Mode	IEEE 802.11ax (HE40)_Antenna 2	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	21.15	0.1303	28.34	0.6823	Pass
2437	20.63	0.1156	28.34	0.6823	Pass
2452	21.57	0.1435	28.34	0.6823	Pass

Test Mode	IEEE 802.11ax (HE40)_Antenna 3	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.41	0.1099	28.34	0.6823	Pass
2437	20.82	0.1208	28.34	0.6823	Pass
2452	21.18	0.1312	28.34	0.6823	Pass

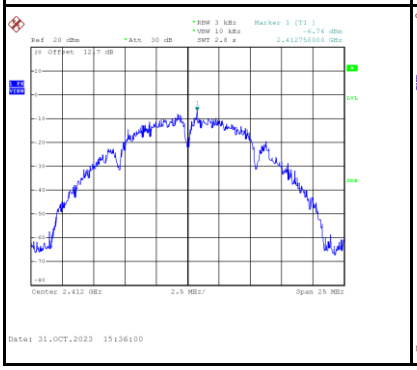
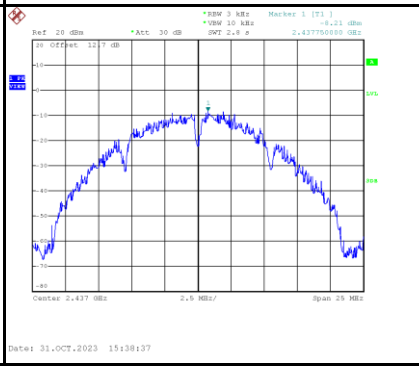
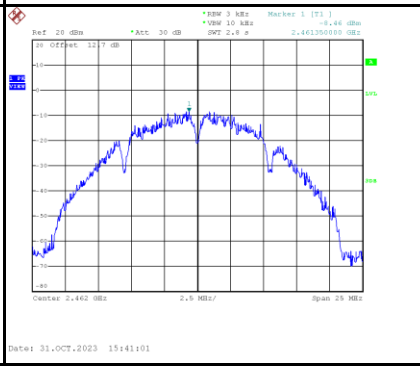
Test Mode	IEEE 802.11ax (HE40)_Total	Tested Date	2023/10/30

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.81	0.2402	28.34	0.6823	Pass
2437	23.74	0.2364	28.34	0.6823	Pass
2452	24.39	0.2748	28.34	0.6823	Pass

APPENDIX G POWER SPECTRAL DENSITY

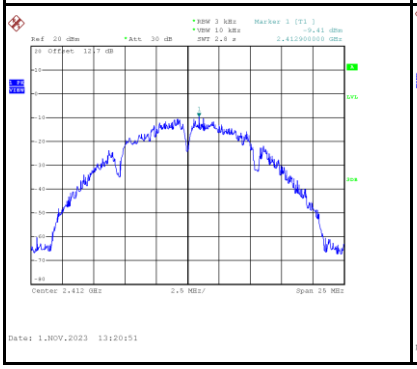
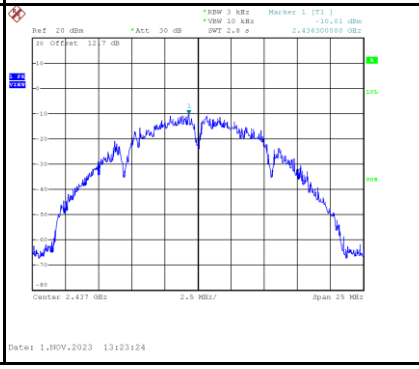
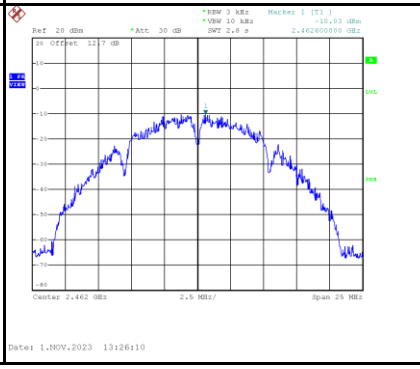
Test Mode	IEEE 802.11b_Antenna 2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-6.76	6.34	Pass
2437	-8.21	6.34	Pass
2462	-8.46	6.34	Pass

2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11b_Antenna 3

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-9.41	6.34	Pass
2437	-10.01	6.34	Pass
2462	-10.03	6.34	Pass

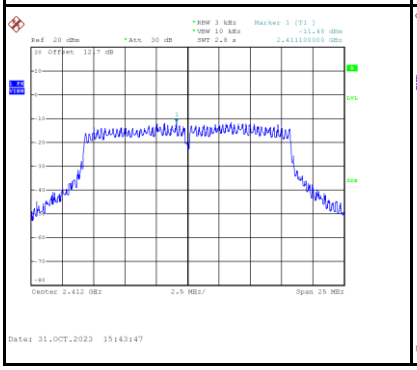
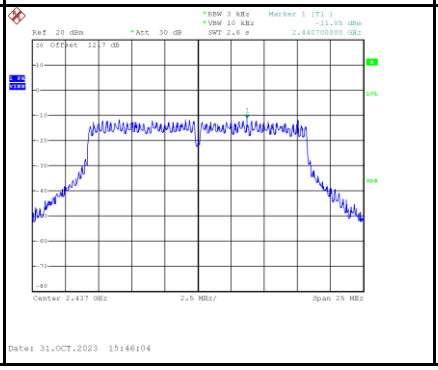
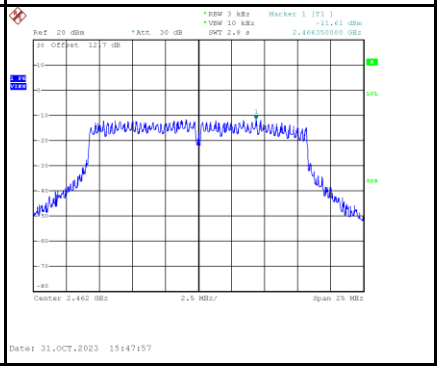
2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11b_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-4.88	6.34	Pass
2437	-6.01	6.34	Pass
2462	-6.16	6.34	Pass

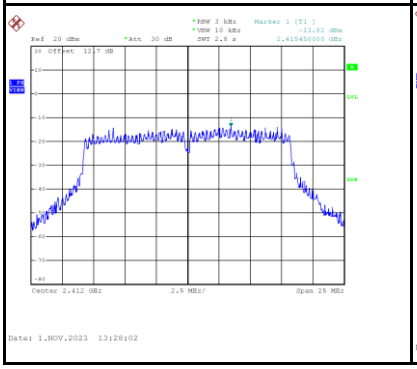
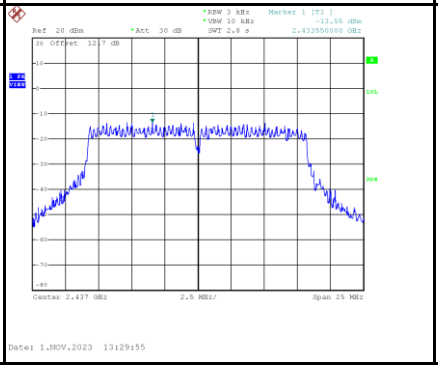
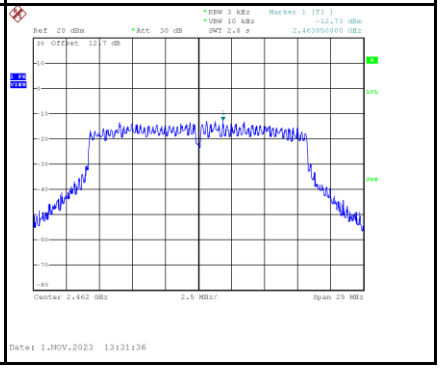
Test Mode	IEEE 802.11g_Antenna 2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-11.48	6.34	Pass
2437	-11.05	6.34	Pass
2462	-11.61	6.34	Pass

2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11g_Antenna 3

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-13.82	6.34	Pass
2437	-13.55	6.34	Pass
2462	-12.73	6.34	Pass

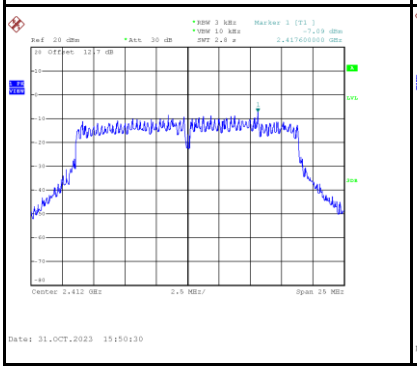
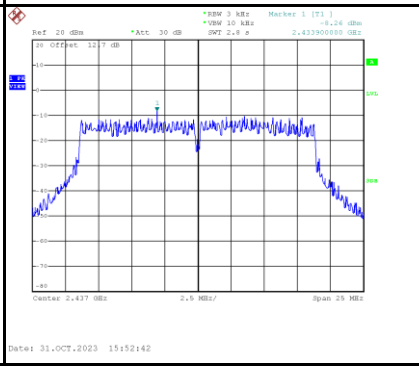
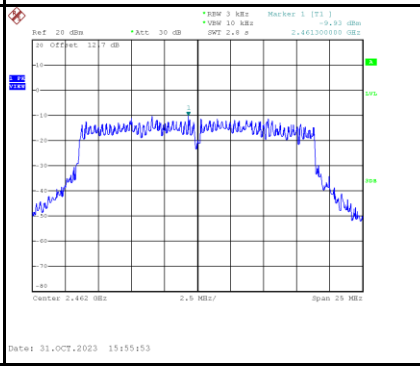
2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11g_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-9.48	6.34	Pass
2437	-9.11	6.34	Pass
2462	-9.12	6.34	Pass

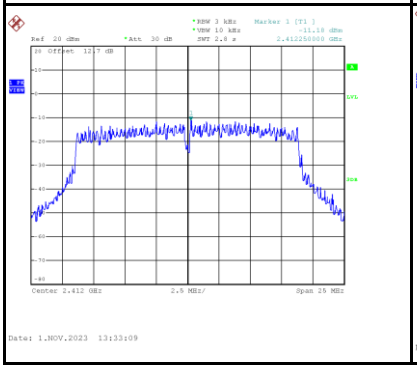
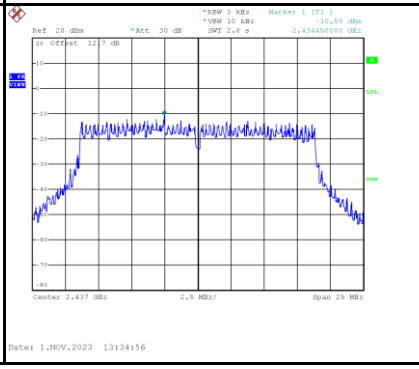
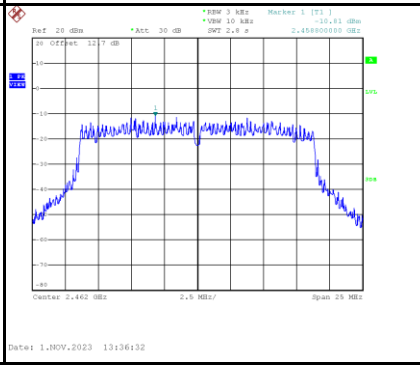
Test Mode	IEEE 802.11n (HT20)_Antenna 2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-7.09	6.34	Pass
2437	-8.26	6.34	Pass
2462	-9.93	6.34	Pass

2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11n (HT20)_Antenna 3

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-11.18	6.34	Pass
2437	-10.50	6.34	Pass
2462	-10.81	6.34	Pass

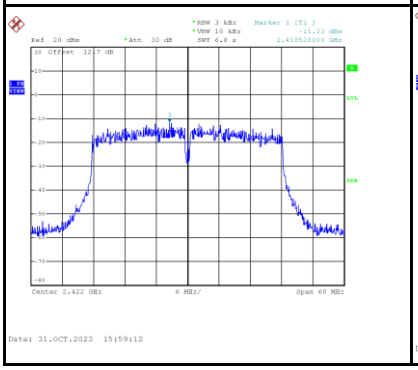
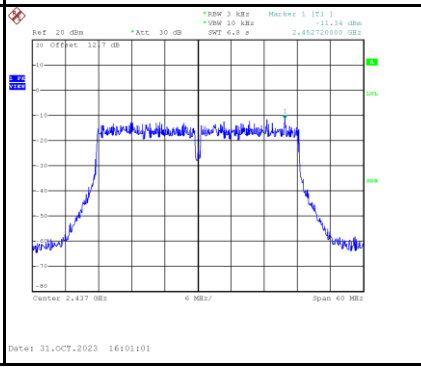
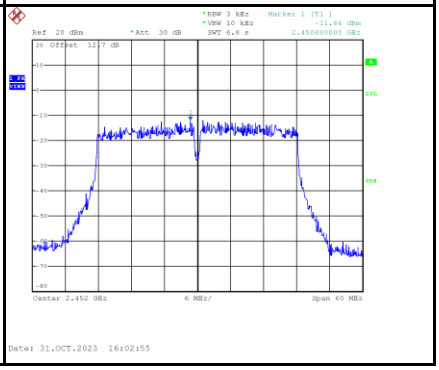
2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11n (HT20)_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-5.66	6.34	Pass
2437	-6.23	6.34	Pass
2462	-7.34	6.34	Pass

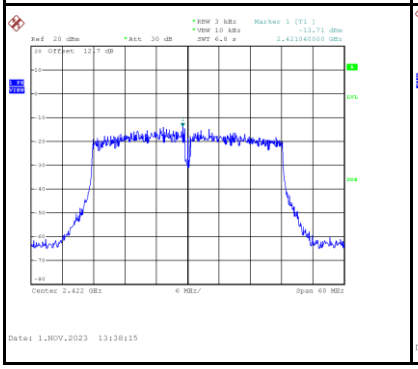
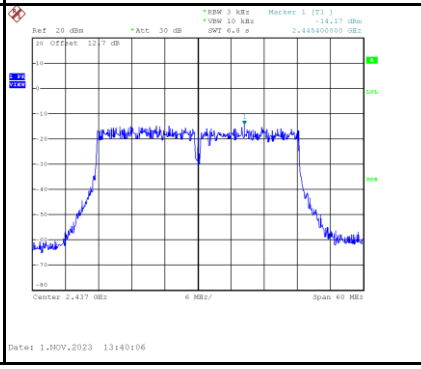
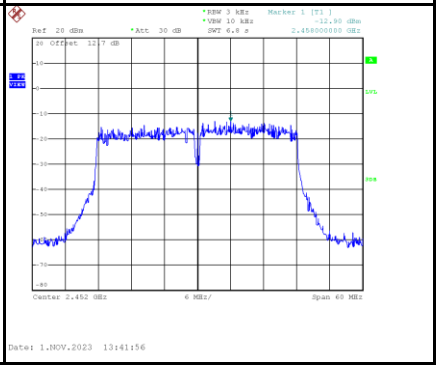
Test Mode	IEEE 802.11n (HT40)_Antenna 2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-11.33	6.34	Pass
2437	-11.34	6.34	Pass
2452	-11.86	6.34	Pass

2422 MHz	2437 MHz	2452 MHz
		

Test Mode	IEEE 802.11n (HT40)_Antenna 3

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-13.71	6.34	Pass
2437	-14.17	6.34	Pass
2452	-12.90	6.34	Pass

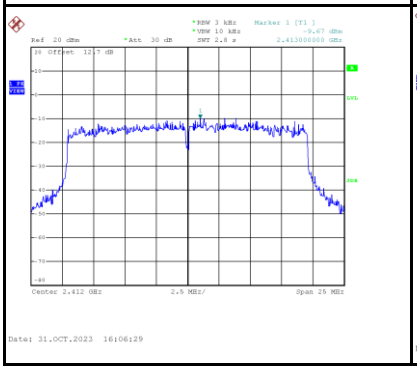
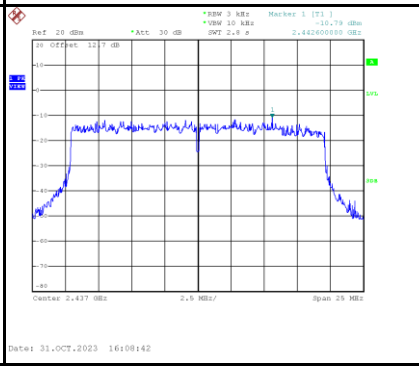
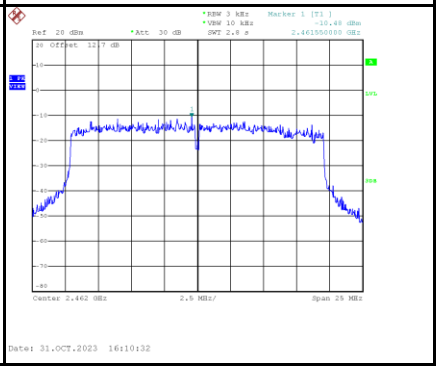
2422 MHz	2437 MHz	2452 MHz
		

Test Mode	IEEE 802.11n (HT40)_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-9.35	6.34	Pass
2437	-9.52	6.34	Pass
2452	-9.34	6.34	Pass

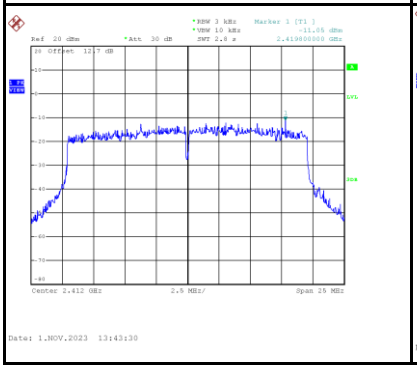
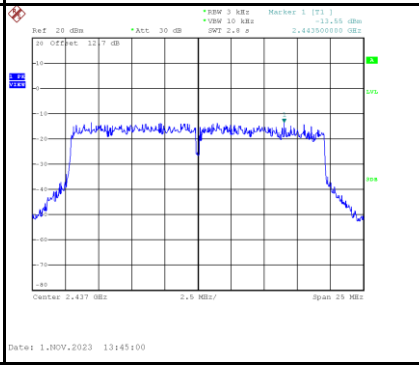
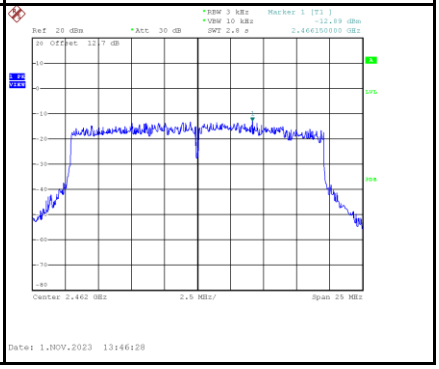
Test Mode	IEEE 802.11ax (HE20)_Antenna 2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-9.67	6.34	Pass
2437	-10.79	6.34	Pass
2462	-10.48	6.34	Pass

2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11ax (HE20)_Antenna 3

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-11.05	6.34	Pass
2437	-13.55	6.34	Pass
2462	-12.89	6.34	Pass

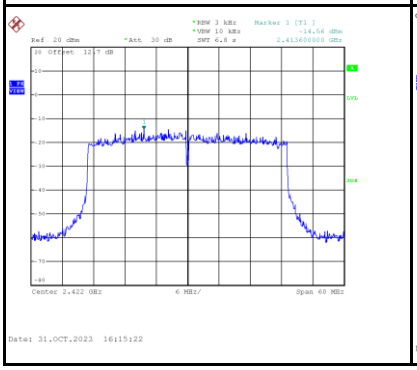
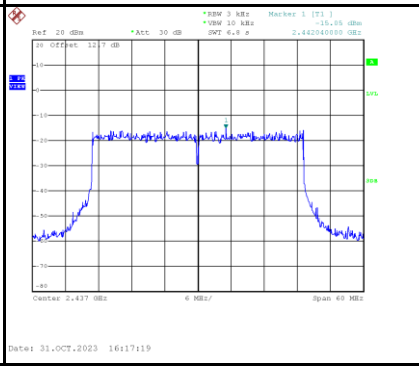
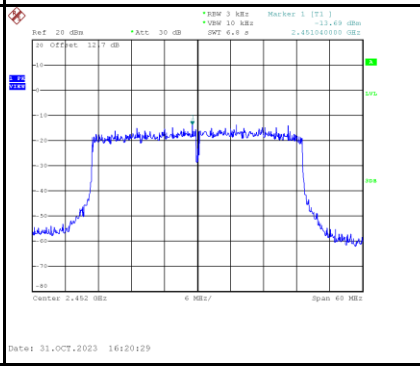
2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11ax (HE20)_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-7.30	6.34	Pass
2437	-8.94	6.34	Pass
2462	-8.51	6.34	Pass

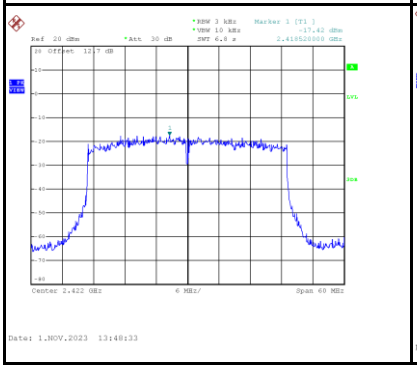
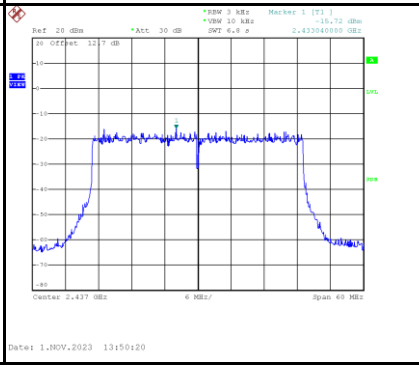
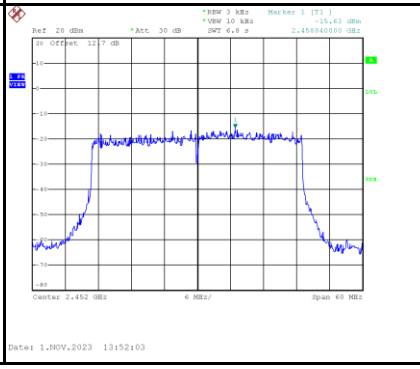
Test Mode	IEEE 802.11ax (HE40)_Antenna 2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-14.56	6.34	Pass
2437	-15.05	6.34	Pass
2452	-13.69	6.34	Pass

2422 MHz	2437 MHz	2452 MHz
		

Test Mode	IEEE 802.11ax (HE40)_Antenna 3

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-17.42	6.34	Pass
2437	-15.72	6.34	Pass
2452	-15.63	6.34	Pass

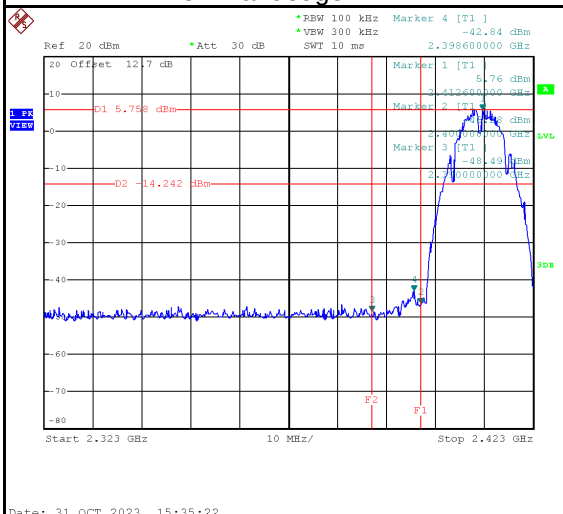
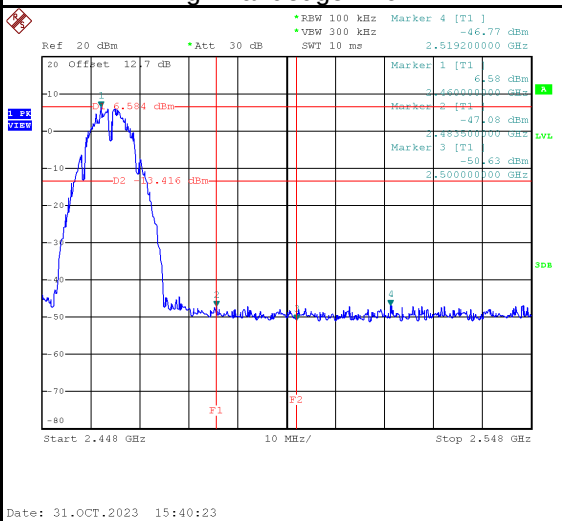
2422 MHz	2437 MHz	2452 MHz
		

Test Mode	IEEE 802.11ax (HE40)_Total

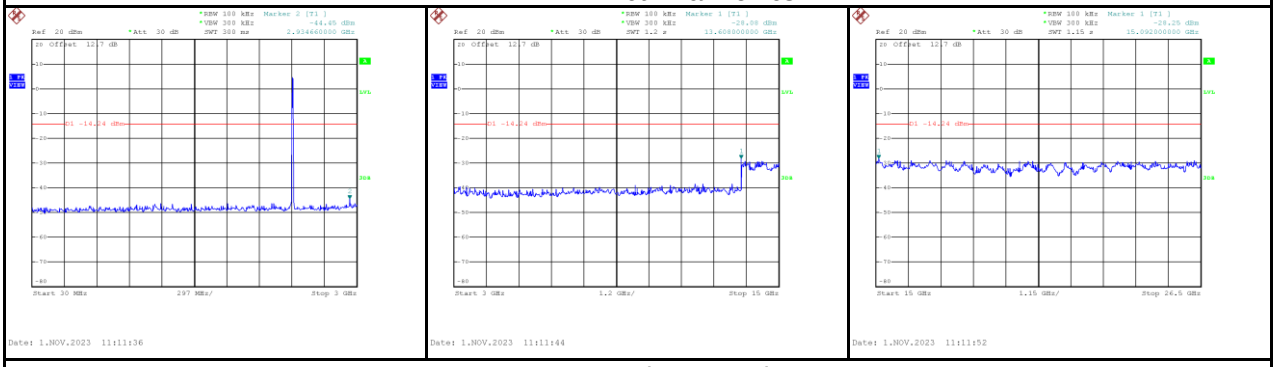
Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-12.75	6.34	Pass
2437	-12.36	6.34	Pass
2452	-11.54	6.34	Pass

APPENDIX H ANTENNA CONDUCTED SPURIOUS EMISSIONS

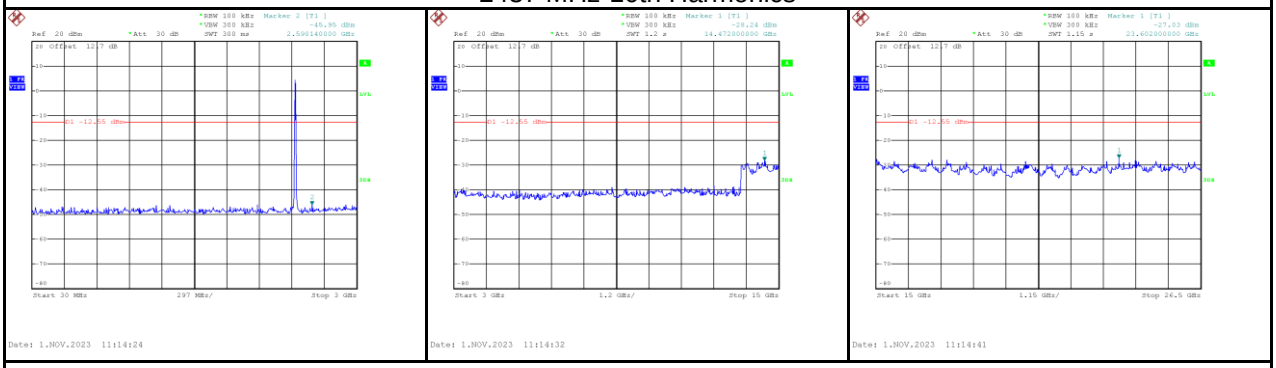
Test Mode	IEEE 802.11b_Antenna 2

Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

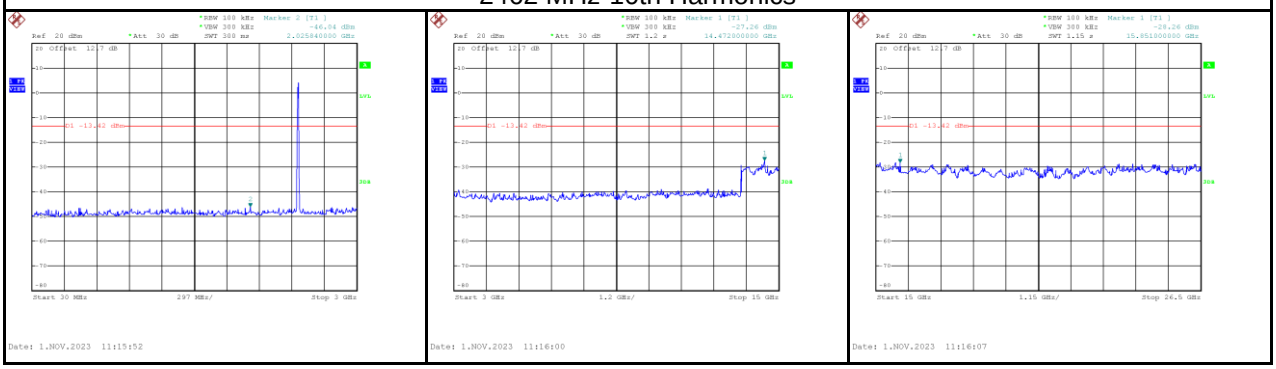
2412 MHz-10th Harmonics



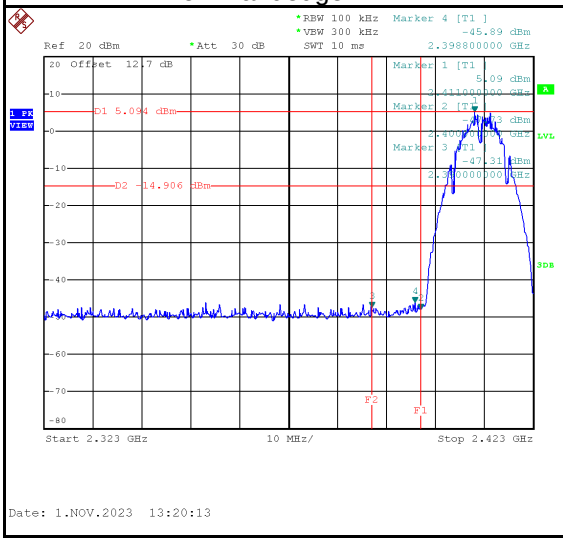
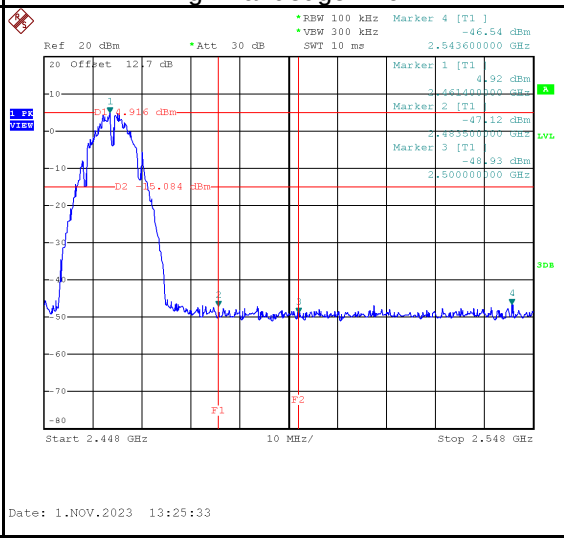
2437 MHz-10th Harmonics

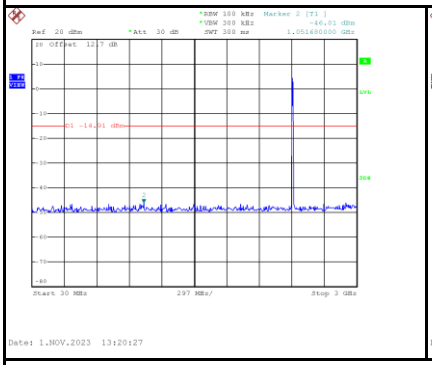
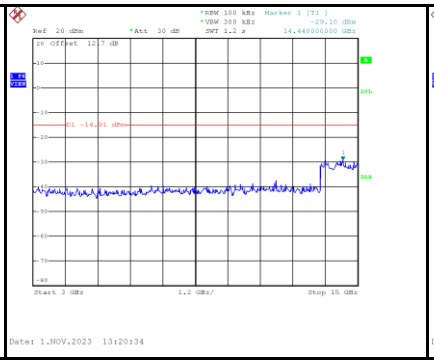
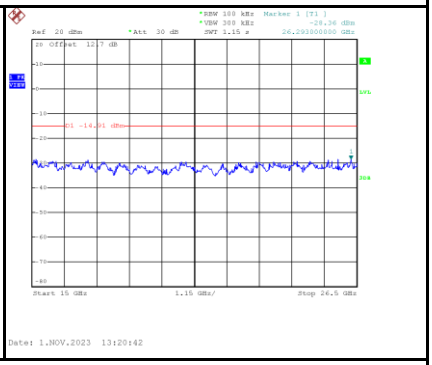
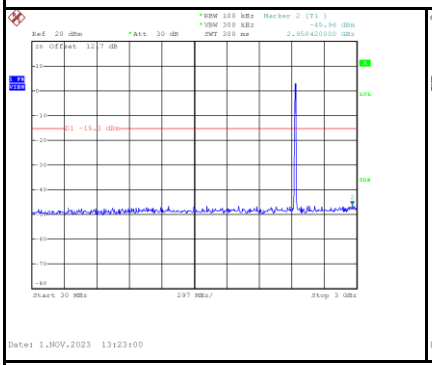
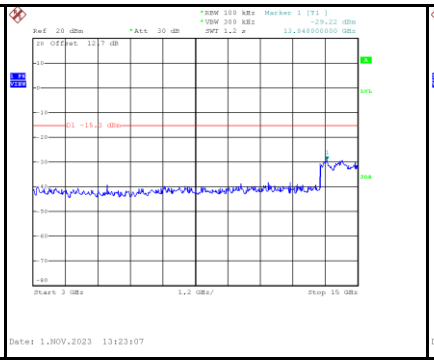
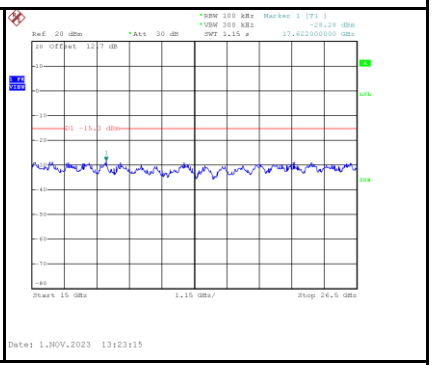
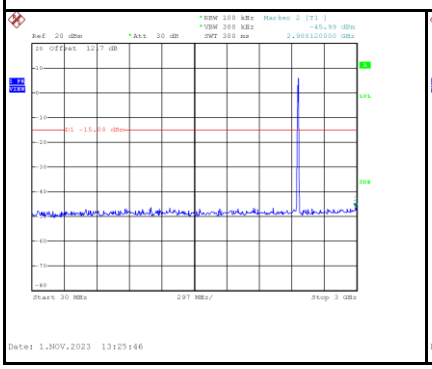
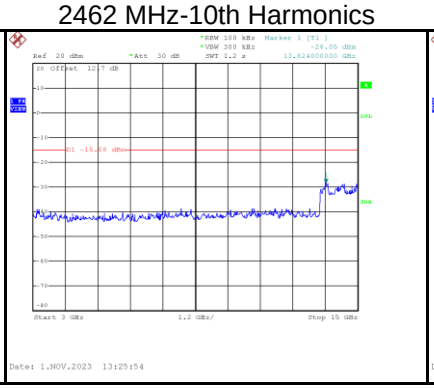
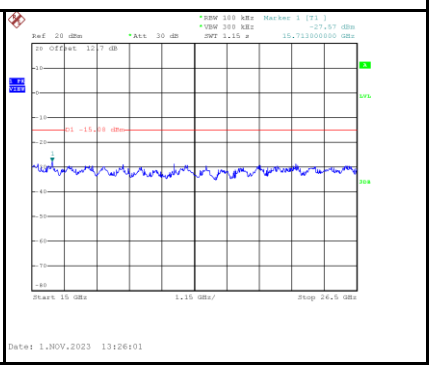


2462 MHz-10th Harmonics

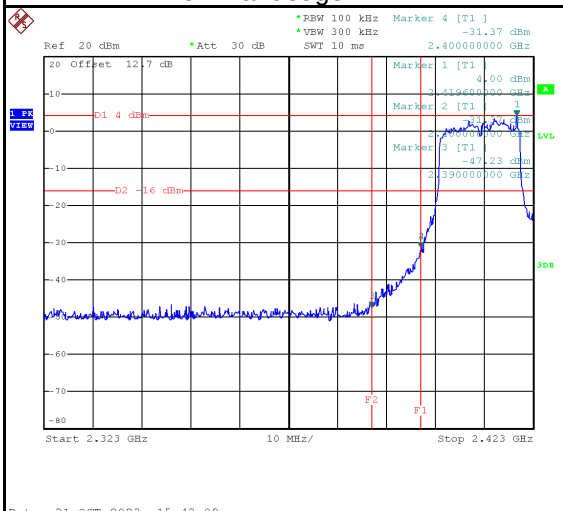
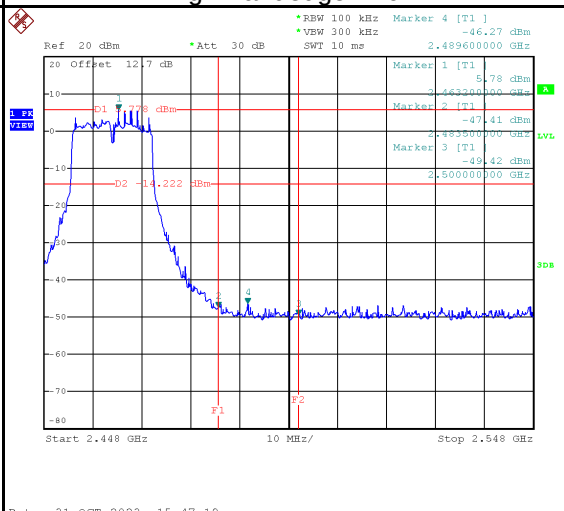


Test Mode	IEEE 802.11b_Antenna 3

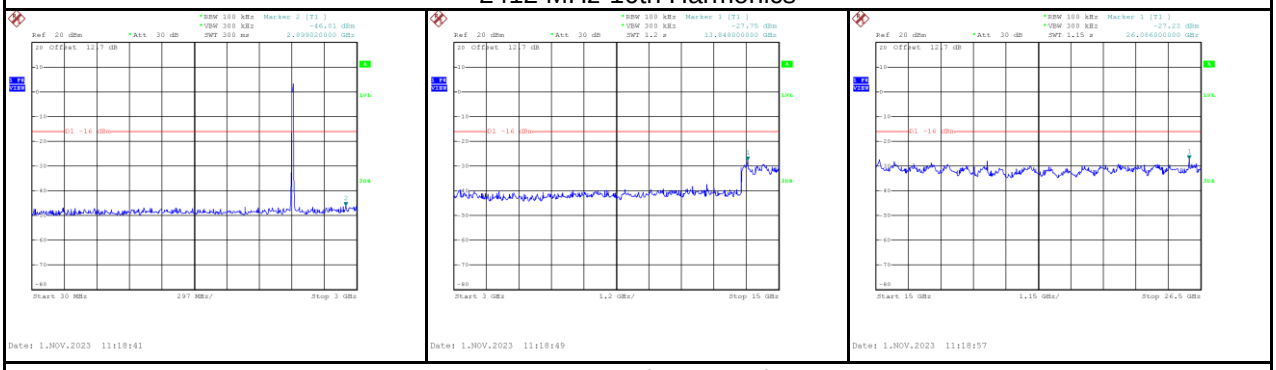
Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

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

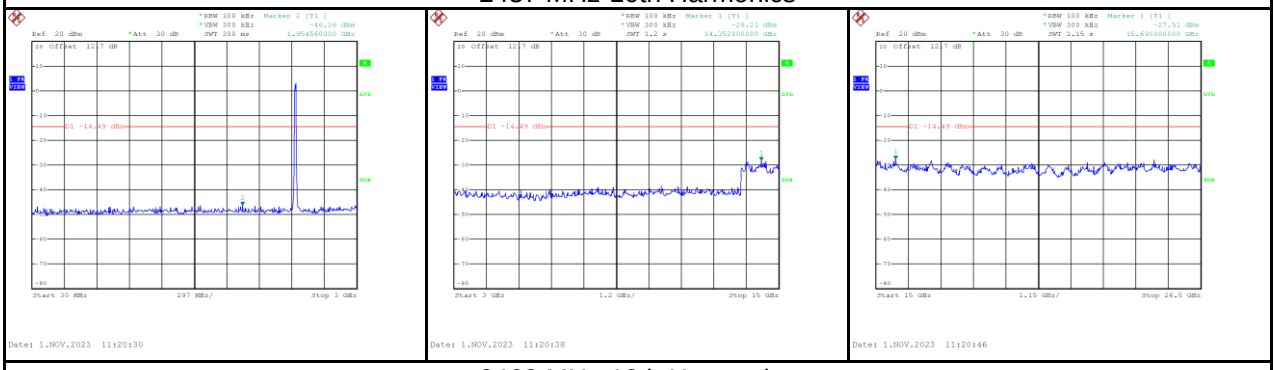
Test Mode	IEEE 802.11g_Antenna 2

Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

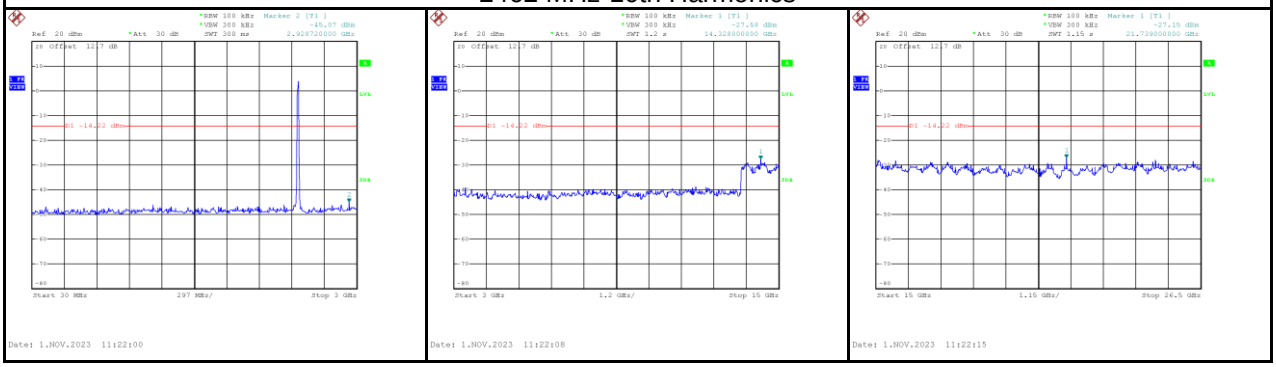
2412 MHz-10th Harmonics



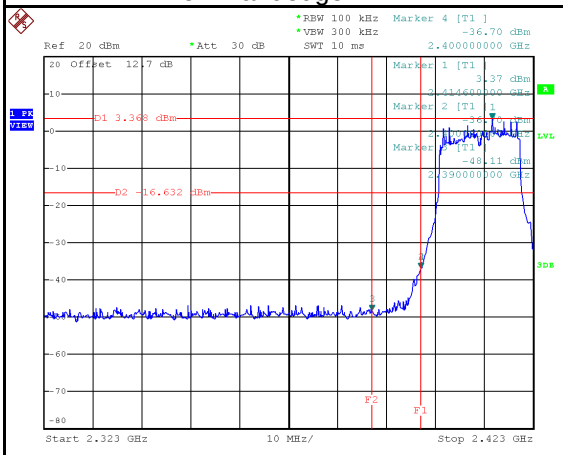
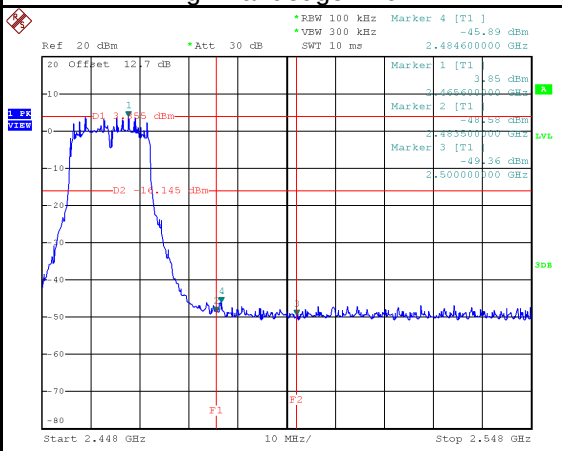
2437 MHz-10th Harmonics



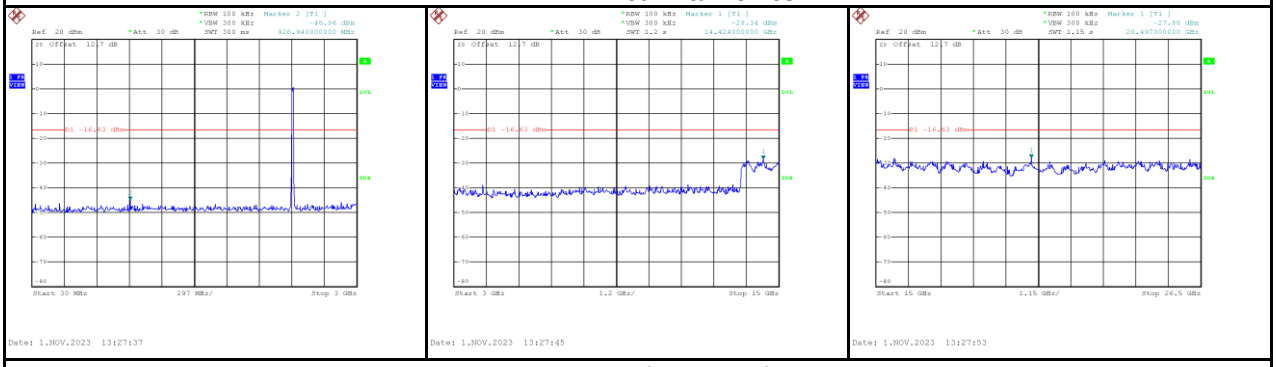
2462 MHz-10th Harmonics



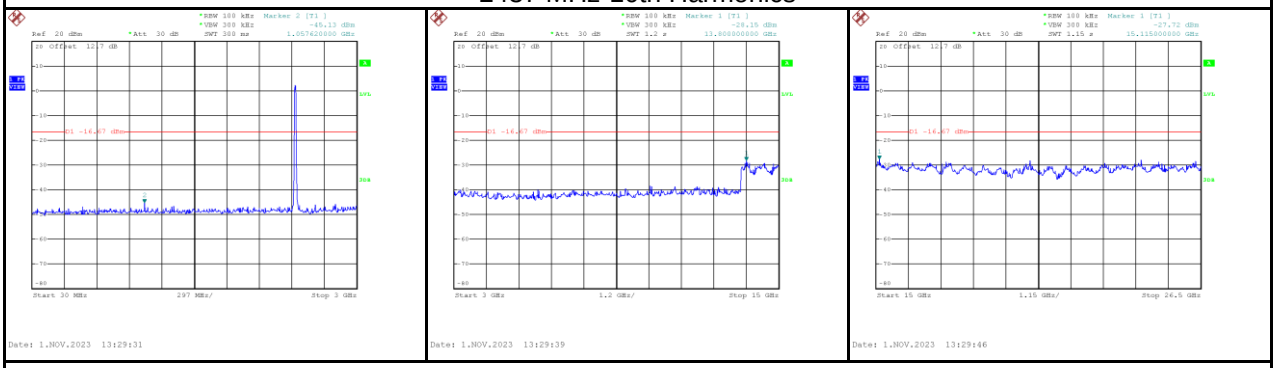
Test Mode	IEEE 802.11g_Antenna 3

Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

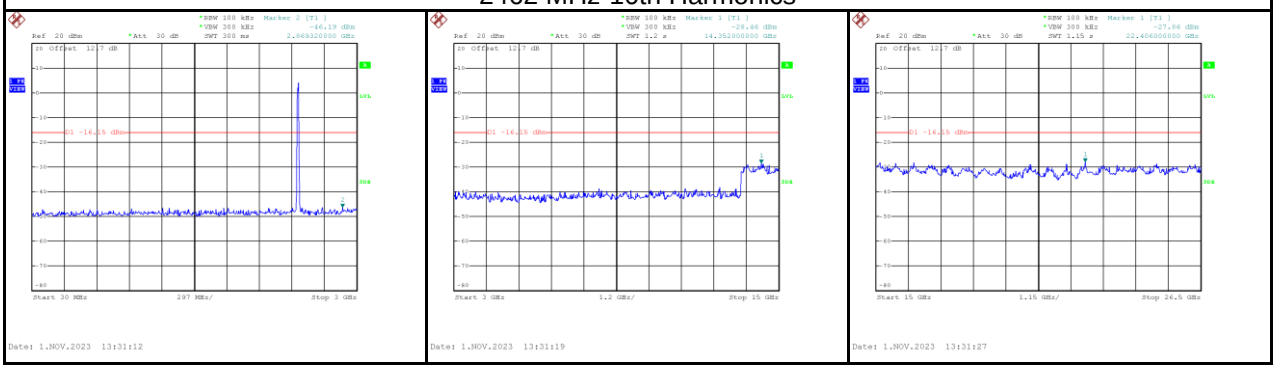
2412 MHz-10th Harmonics



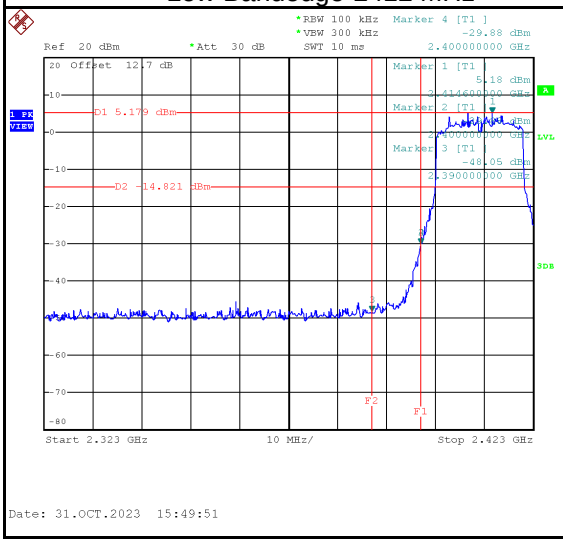
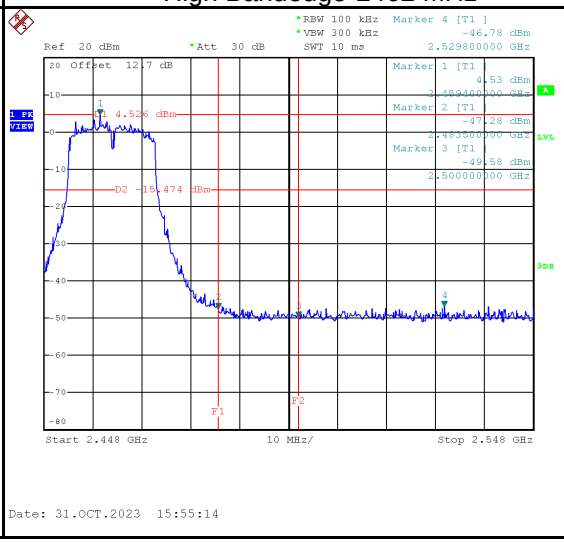
2437 MHz-10th Harmonics

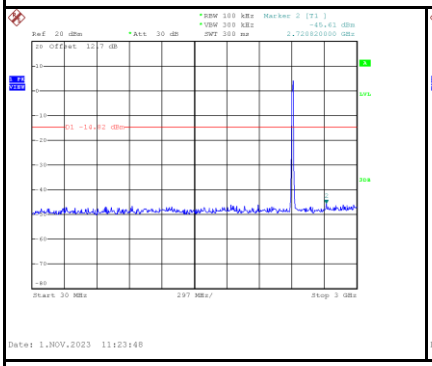
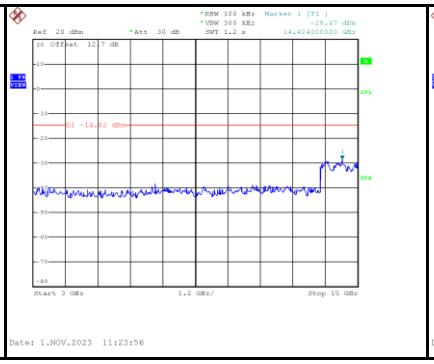
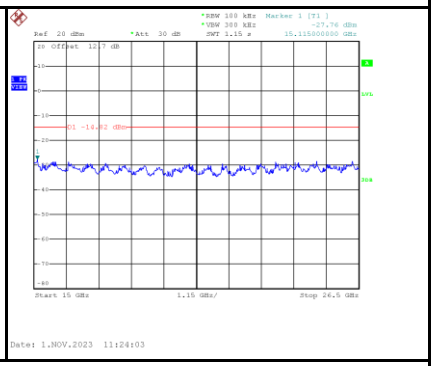


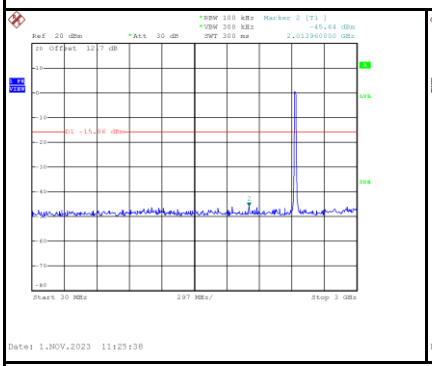
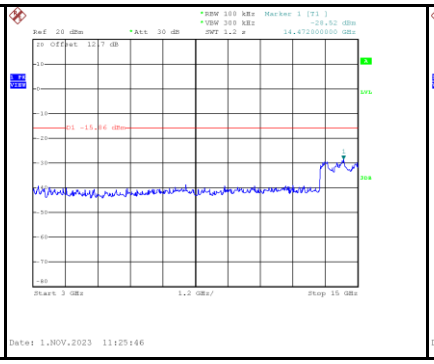
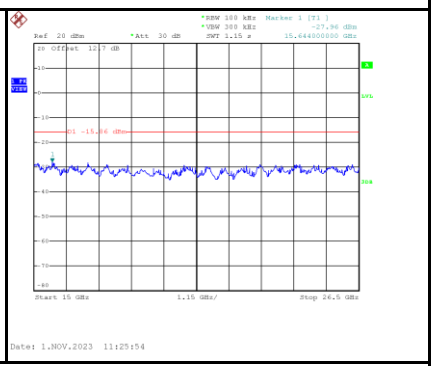
2462 MHz-10th Harmonics

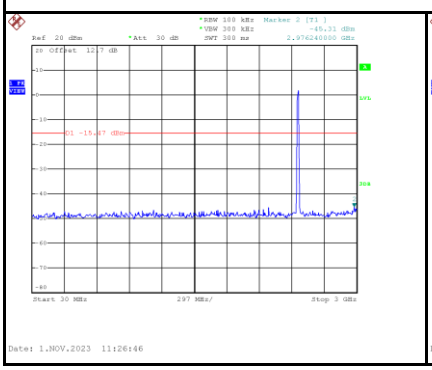
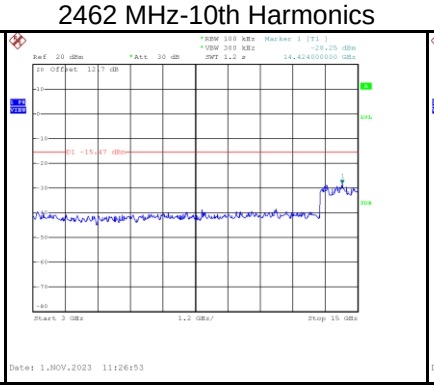
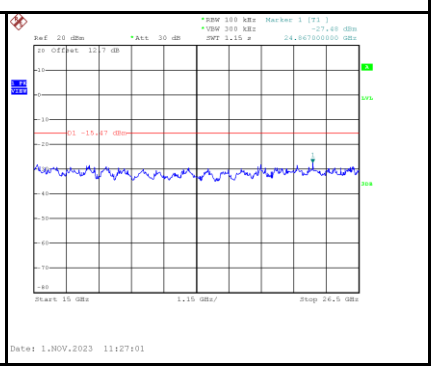


Test Mode	IEEE 802.11n (HT20)_Antenna 2

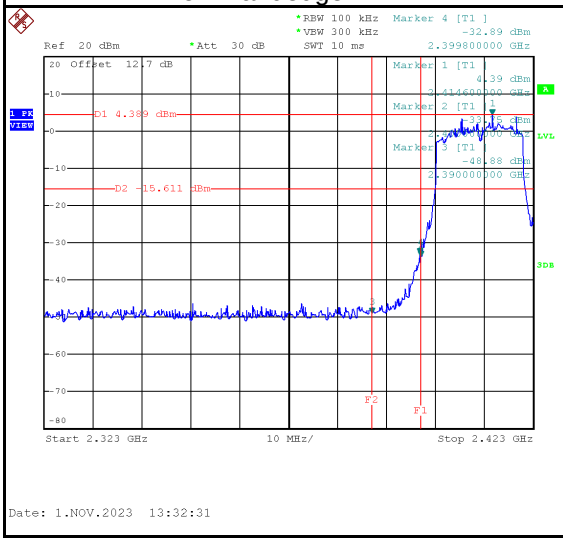
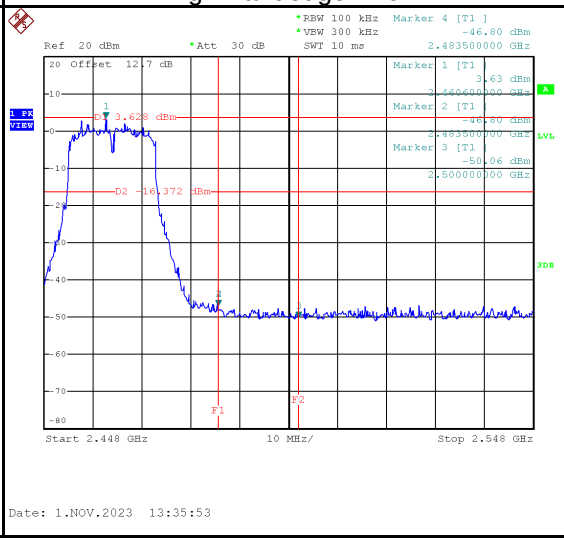
Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

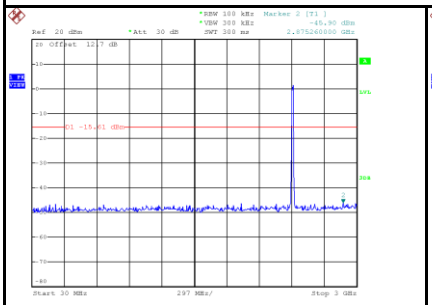
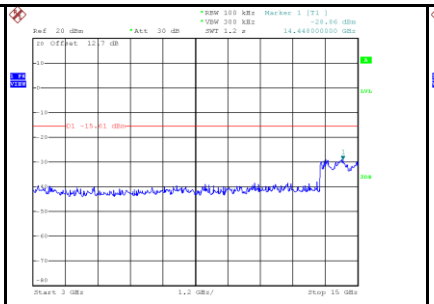
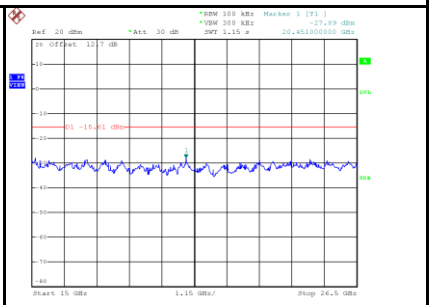
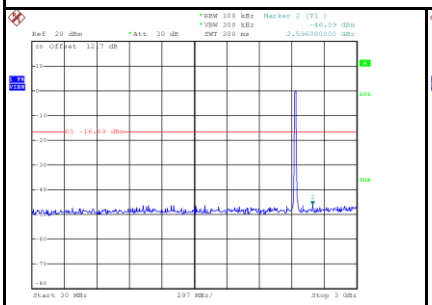
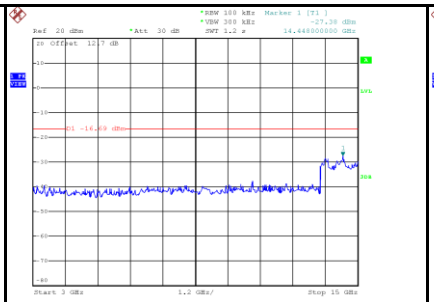
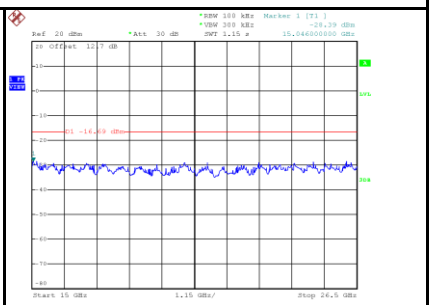
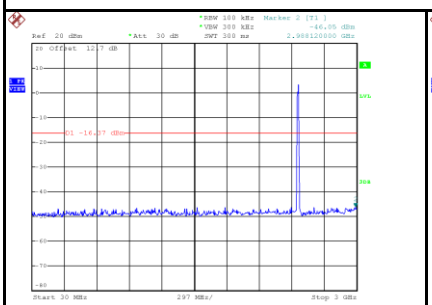
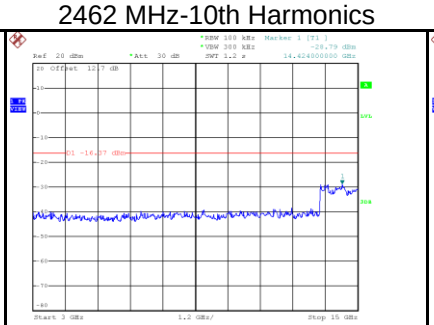
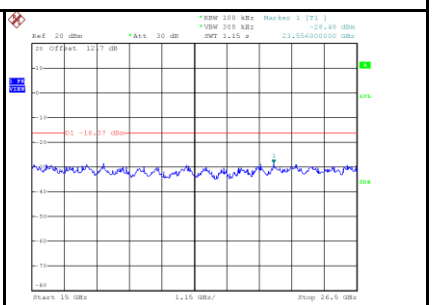
2412 MHz-10th Harmonics		
		

2437 MHz-10th Harmonics		
		

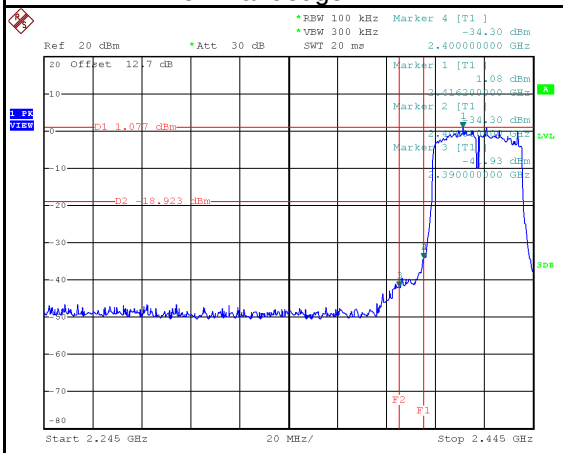
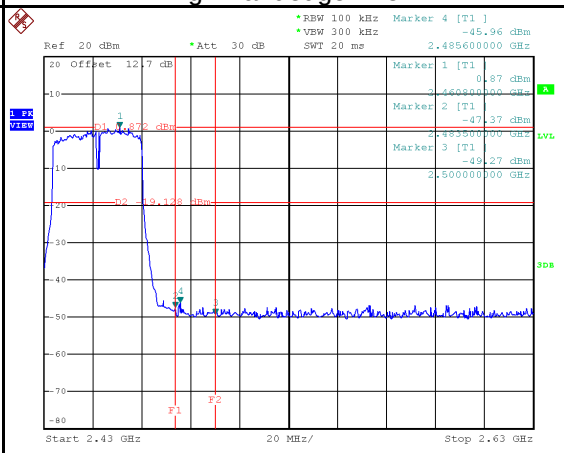
2462 MHz-10th Harmonics		
		

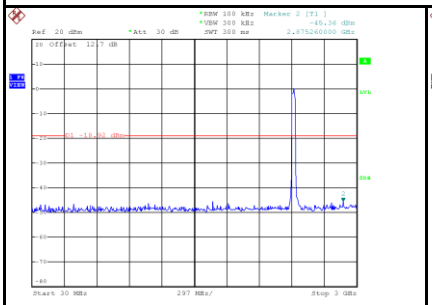
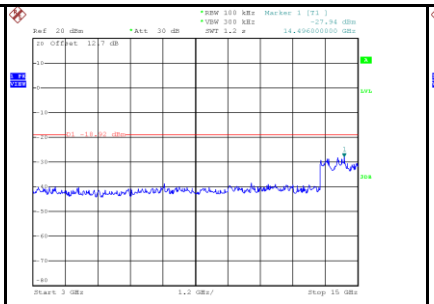
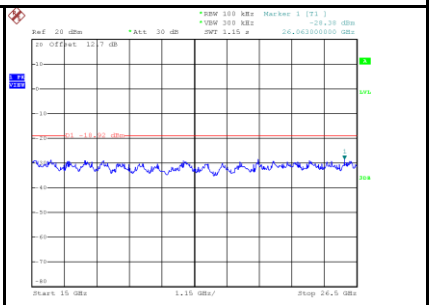
Test Mode	IEEE 802.11n (HT20)_Antenna 3

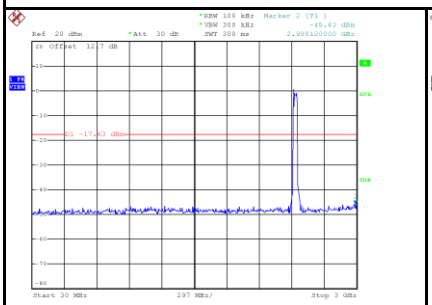
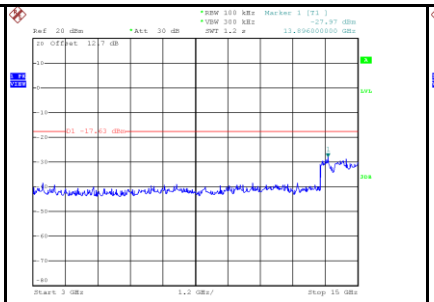
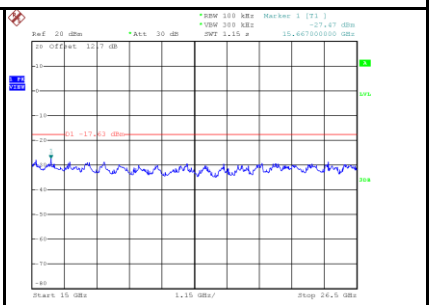
Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

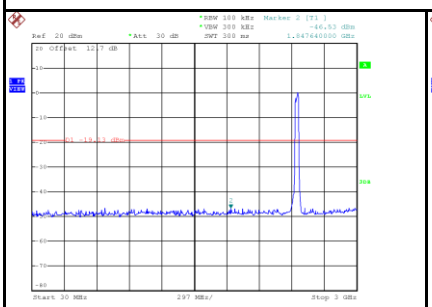
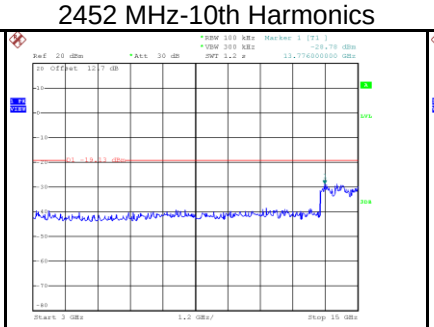
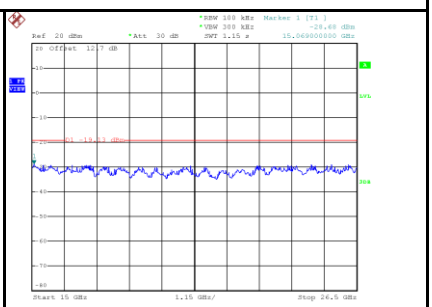
2412 MHz-10th Harmonics		
		
2437 MHz-10th Harmonics		
		
2462 MHz-10th Harmonics		
		

Test Mode	IEEE 802.11n (HT40)_Antenna 2

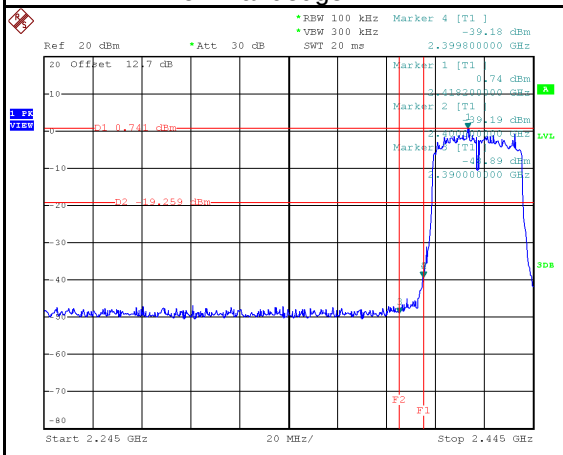
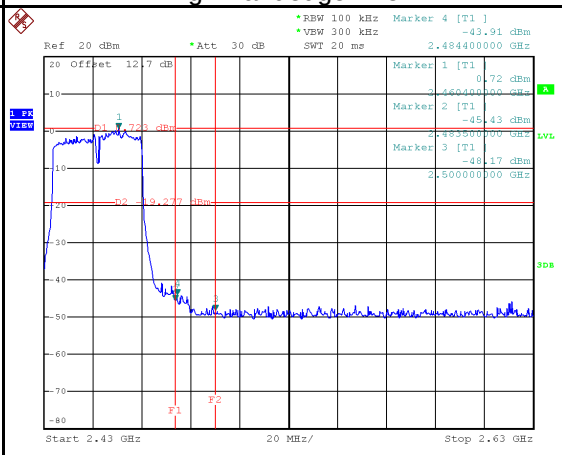
Low Bandedge-2422 MHz	High Bandedge-2452 MHz
	

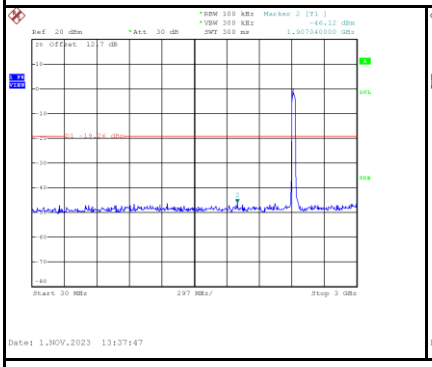
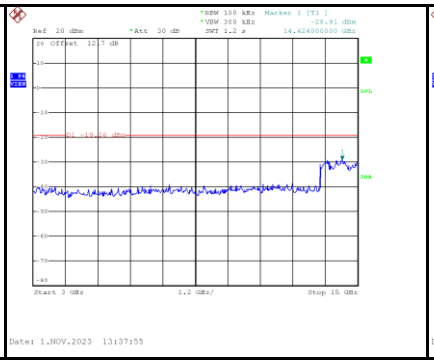
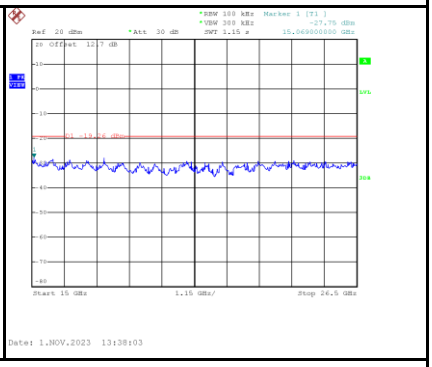
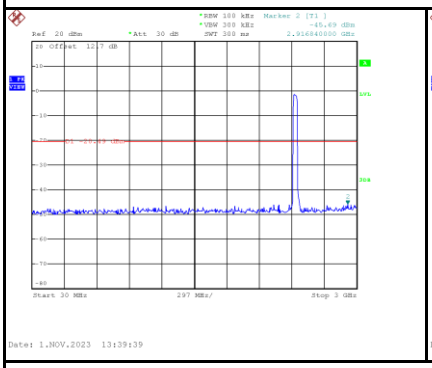
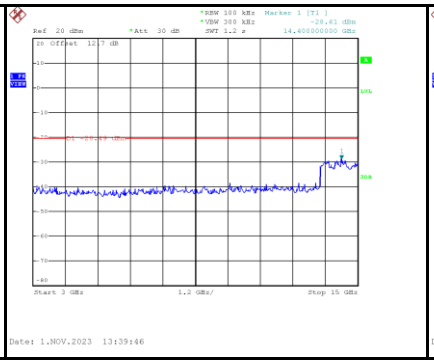
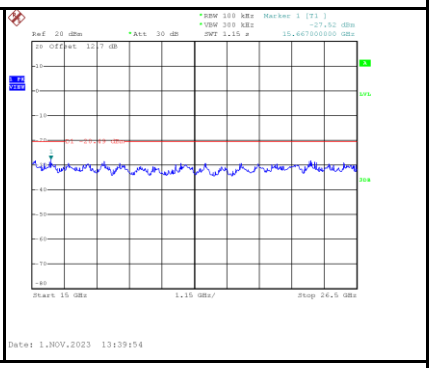
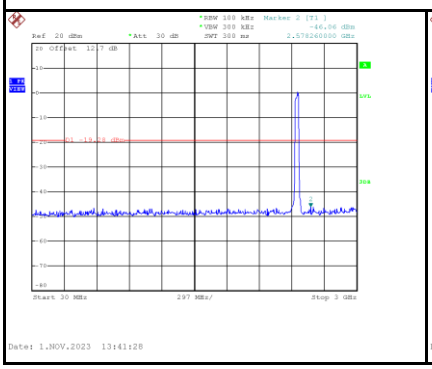
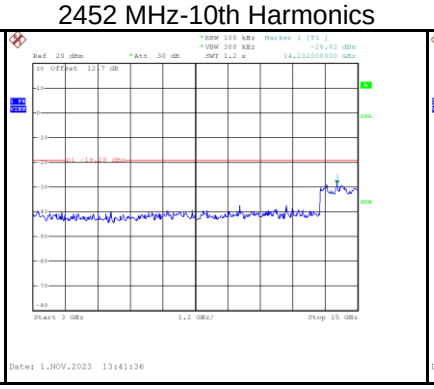
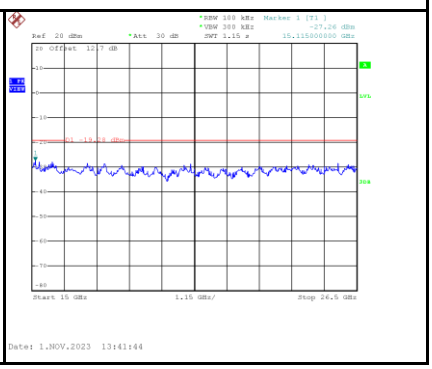
2422 MHz-10th Harmonics		
		

2437 MHz-10th Harmonics		
		

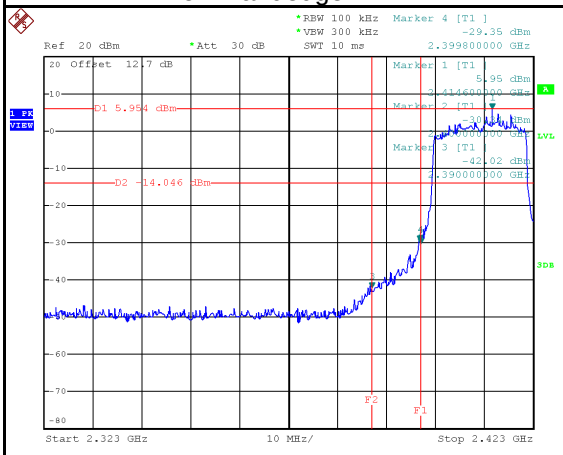
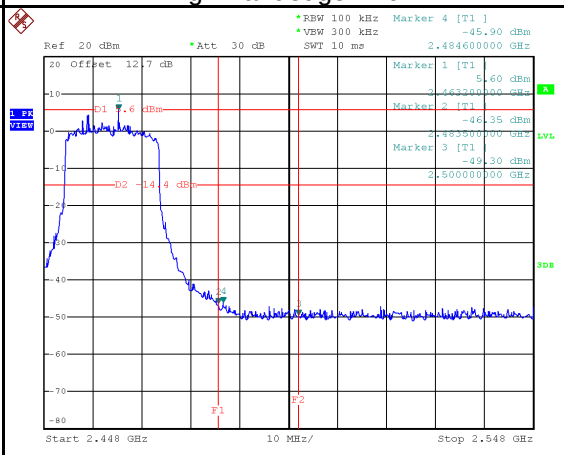
2452 MHz-10th Harmonics		
		

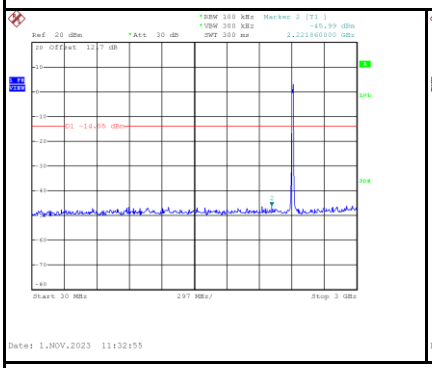
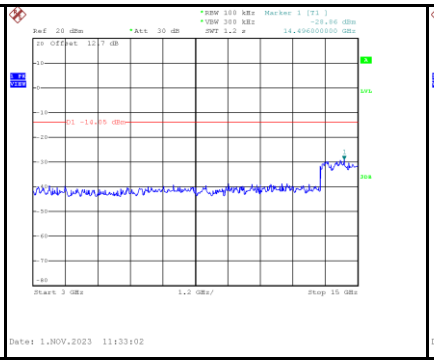
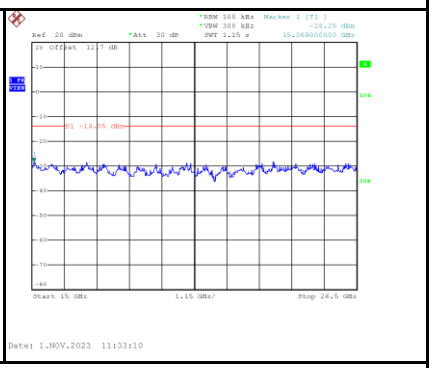
Test Mode	IEEE 802.11n (HT40)_Antenna 3

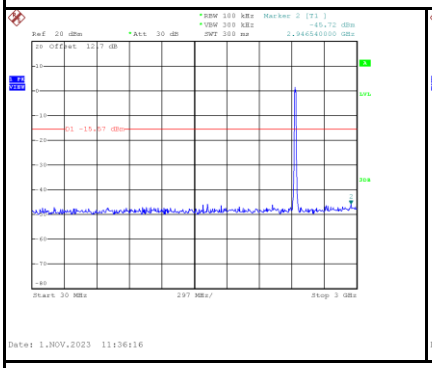
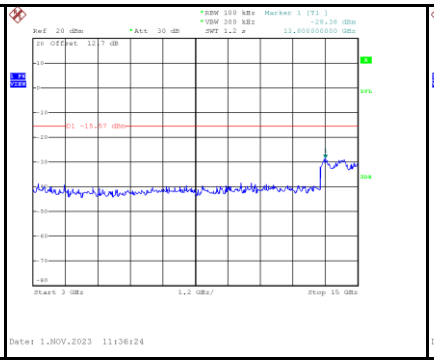
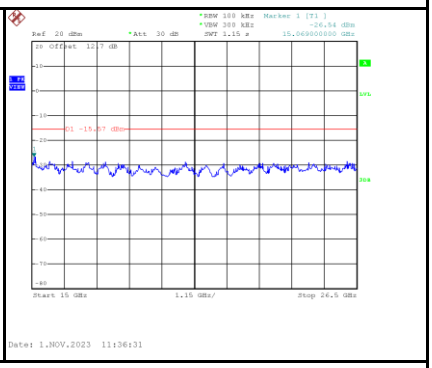
Low Bandedge-2422 MHz	High Bandedge-2452 MHz
	

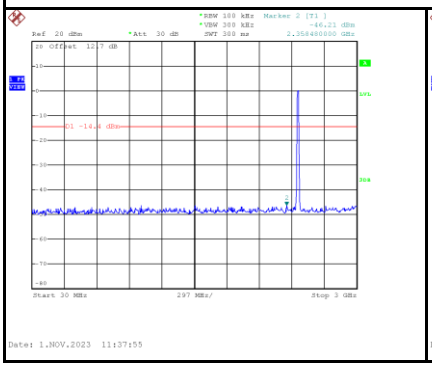
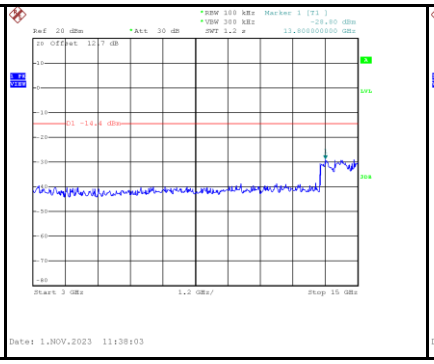
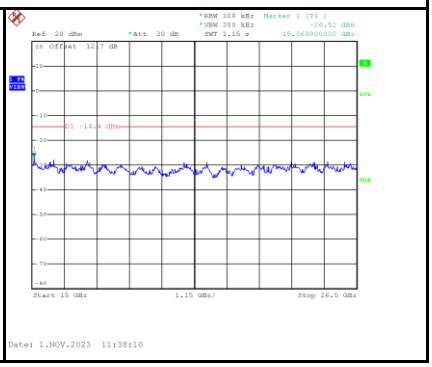
2422 MHz-10th Harmonics		
		
2437 MHz-10th Harmonics		
		
2452 MHz-10th Harmonics		
		

Test Mode	IEEE 802.11ax (HE20)_Antenna 2

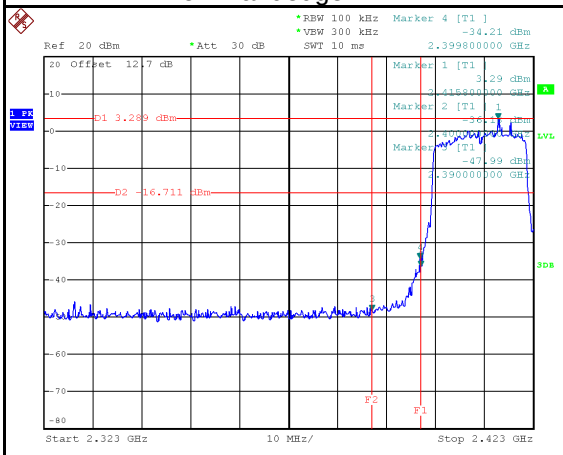
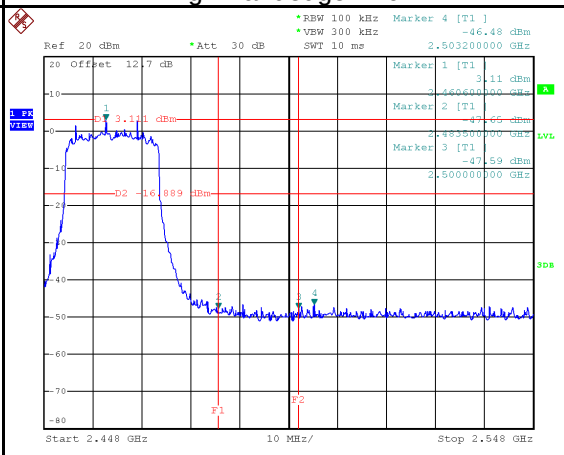
Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

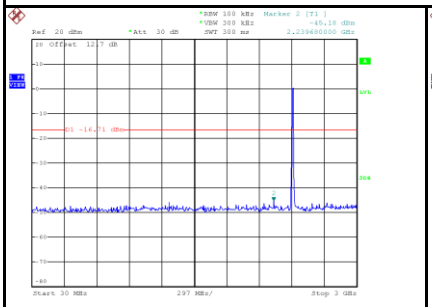
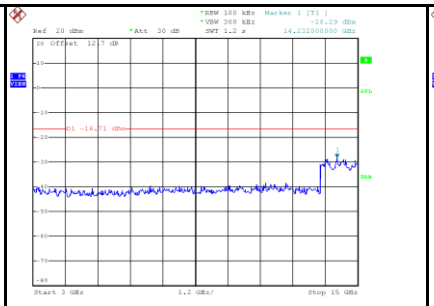
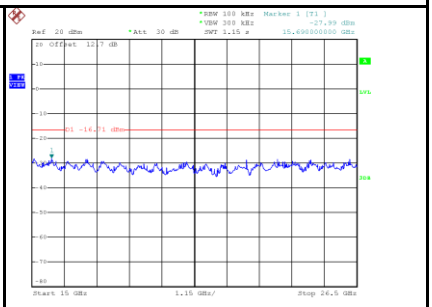
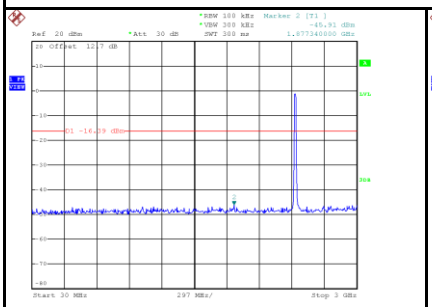
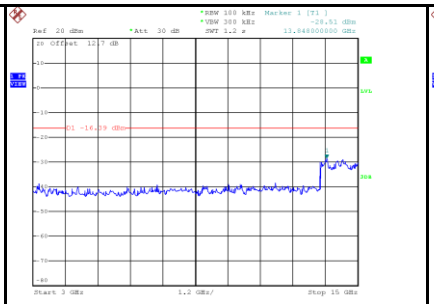
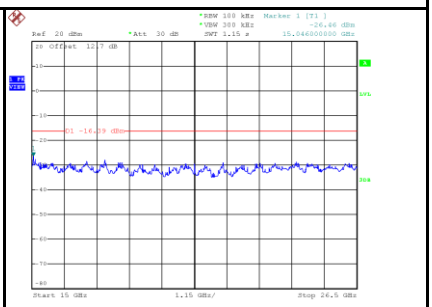
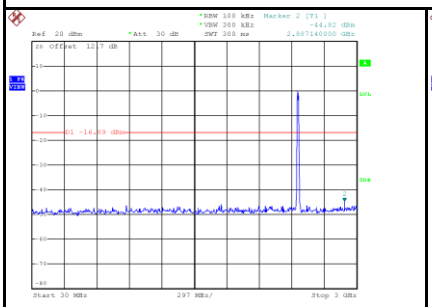
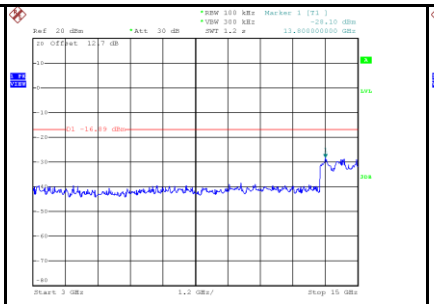
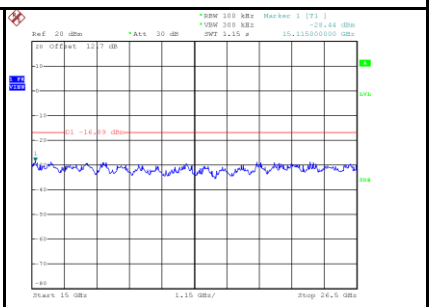
2412 MHz-10th Harmonics		
		

2437 MHz-10th Harmonics		
		

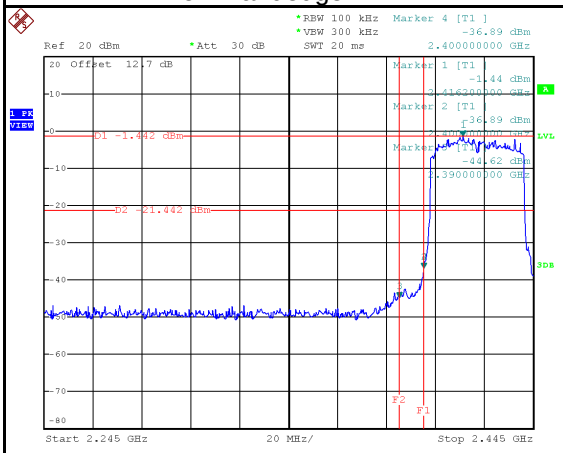
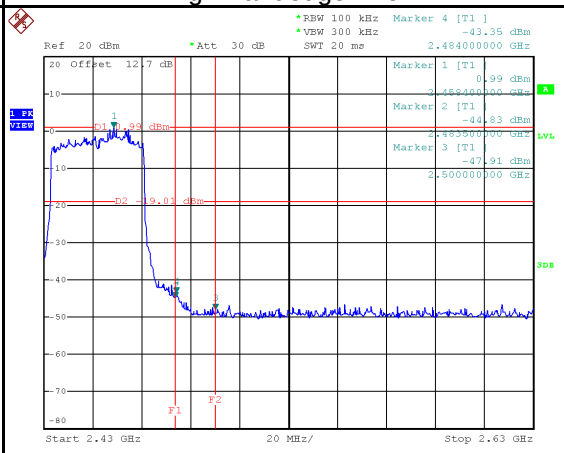
2462 MHz-10th Harmonics		
		

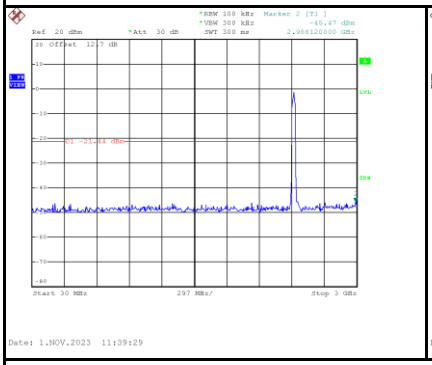
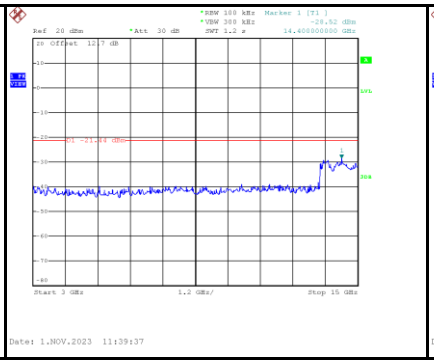
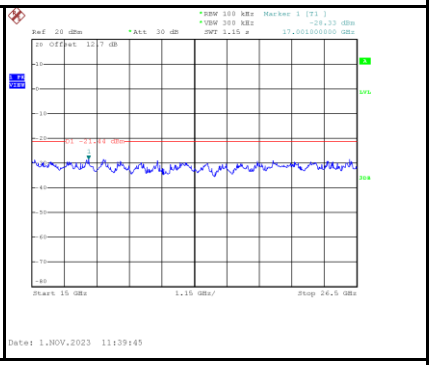
Test Mode	IEEE 802.11ax (HE20)_Antenna 3

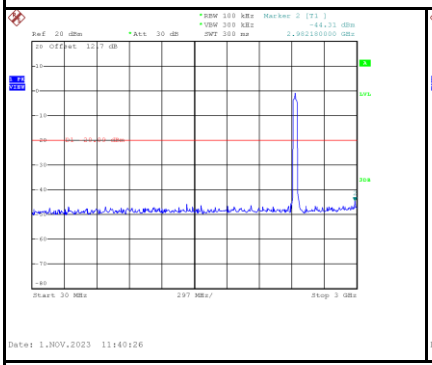
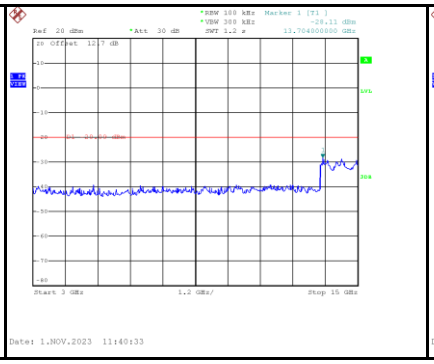
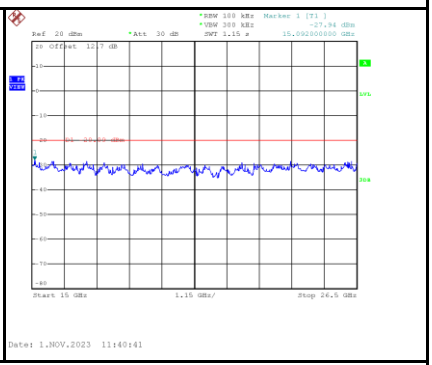
Low Bandedge-2412 MHz	High Bandedge-2462 MHz
	

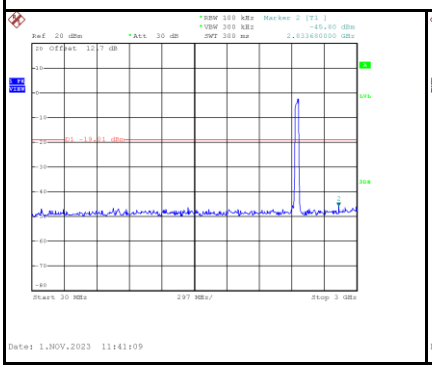
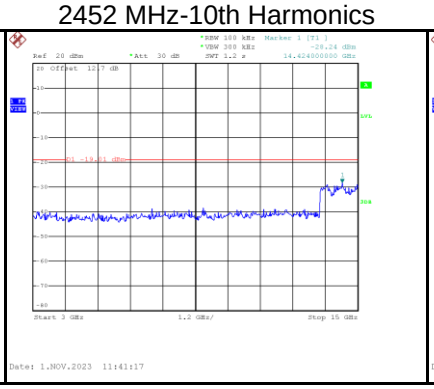
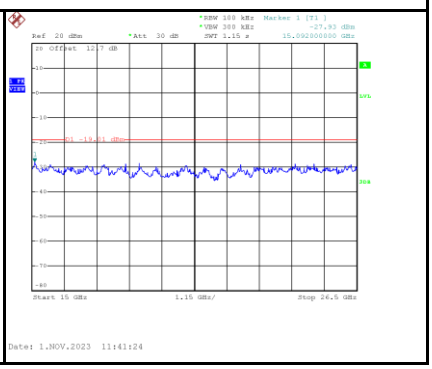
2412 MHz-10th Harmonics		
		
2437 MHz-10th Harmonics		
		
2462 MHz-10th Harmonics		
		

Test Mode	IEEE 802.11ax (HE40)_Antenna 2

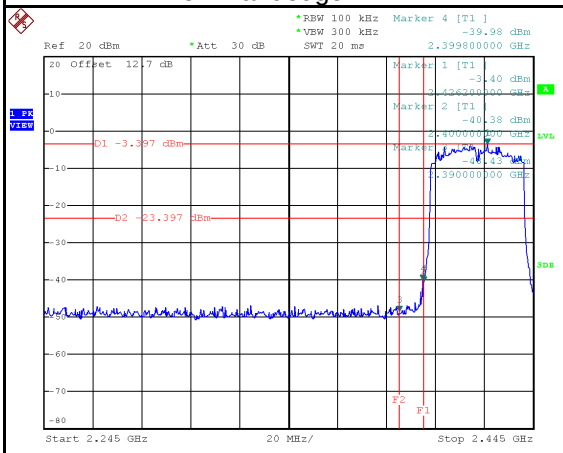
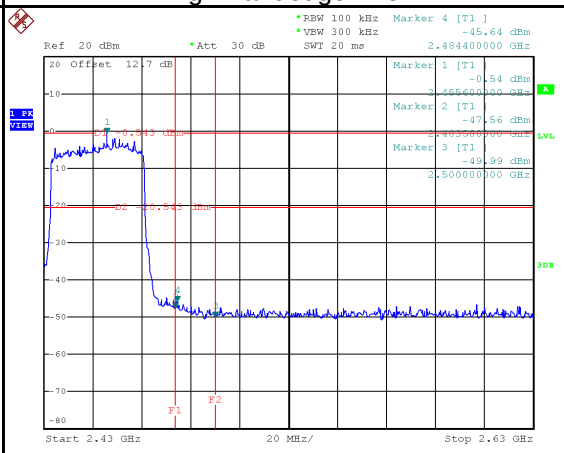
Low Bandedge-2422 MHz	High Bandedge-2452 MHz
	

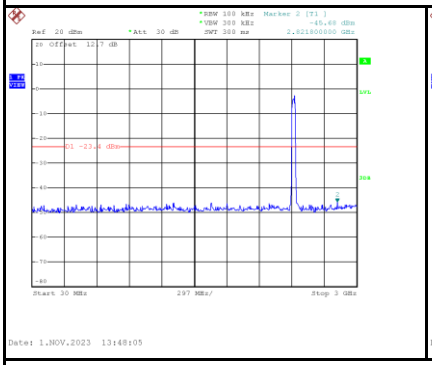
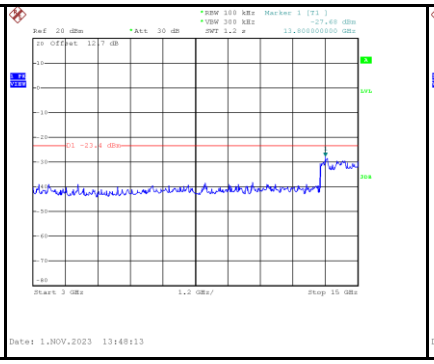
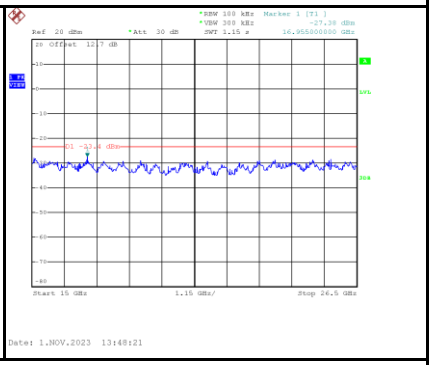
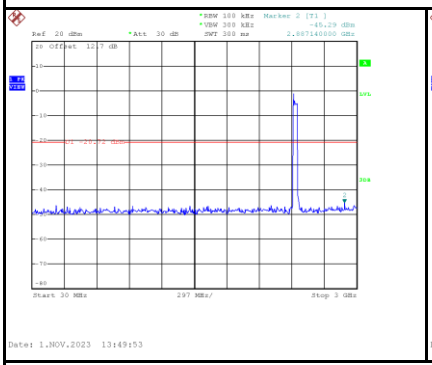
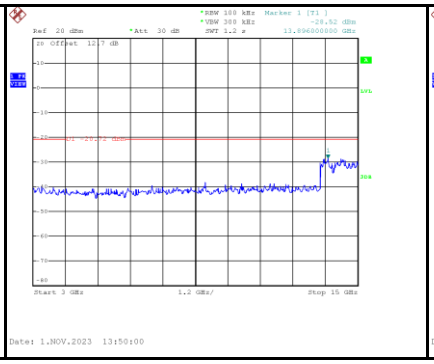
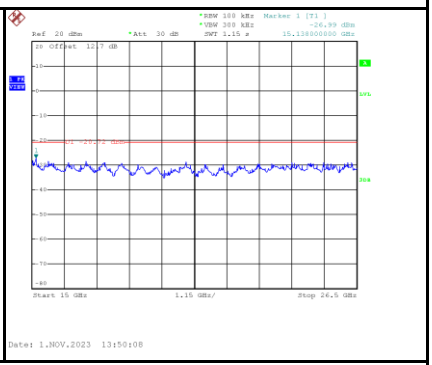
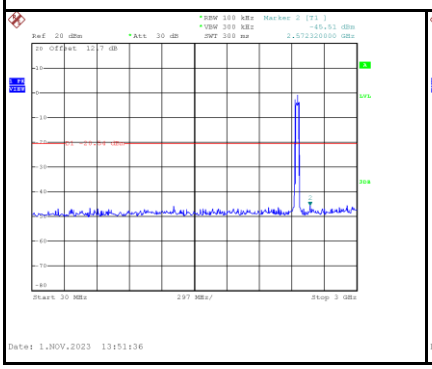
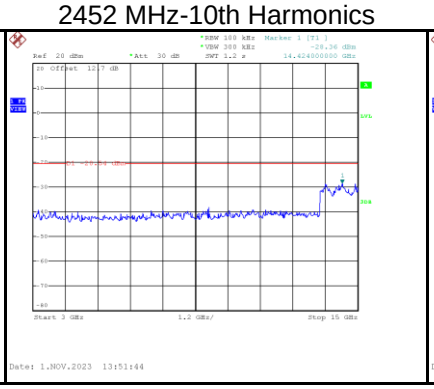
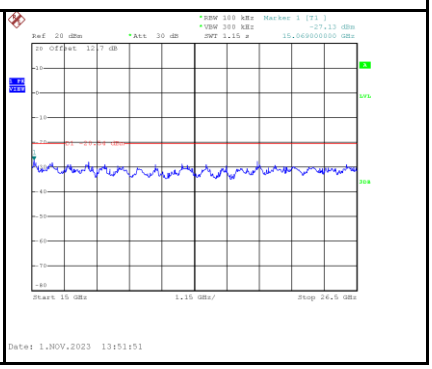
2422 MHz-10th Harmonics		
		

2437 MHz-10th Harmonics		
		

2452 MHz-10th Harmonics		
		

Test Mode	IEEE 802.11ax (HE40)_Antenna 3

Low Bandedge-2422 MHz	High Bandedge-2452 MHz
	

2422 MHz-10th Harmonics		
		
2437 MHz-10th Harmonics		
		
2452 MHz-10th Harmonics		
		

End of Test Report