FCC Radio Test Report

FCC ID: 2AIMRRD28

Report No.	:	eLab-FCCP-1-2312C046
Equipment	:	Xiaomi Mesh System AX3000 NE
Test Model	:	RD28
Series Model	:	N/A
Brand Name	:	N/A
Applicant	:	Beijing Xiaomi Electronics Co., Ltd.
Address	:	Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China
Manufacturer	:	Beijing Xiaomi Electronics Co., Ltd.
Address	:	Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China
Factory	:	AZROAD (Zhongshan) Technology Company Limited
Address	:	Builaing 2, No. 39 Jinchang Industrial Road, West District, Zhongshan City, Guangdong Province
Radio Function	:	WLAN 2.4 GHz
FCC Rule Part(s)	:	FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2024/3/5
Date of Test	:	2024/3/29 ~ 2024/4/24
Issued Date	:	2024/5/11

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

Prepared by : Ray Chen, Engineer

Approved by : Sam Chuang, Supervisor

Testing Laboratory
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Declaration

eLab 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).

eLab'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. **eLab** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **eLab** issued reports.

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eLab'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.

eLab 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
eLab-FCCP-1-2312C046	R00	Original Report.	2024/5/11	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Result	Remark
15.207	AC Power Line Conducted Emissions	Pass	------
15.205 15.209 15.247(d)	Radiated Emissions	Pass	------
15.247(a)	Bandwidth	Pass	------
15.247(b)	Output Power	Pass	------
15.247(e)	Power Spectral Density	Pass	------
15.247(d)	Antenna conducted Spurious Emission	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 FR15CWL2.4_V1.0

1.1 TEST FACILITY

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

No.64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City
The test sites and facilities are covered under FCC RN 681248 and DN: TW4045.
☒ C01 ☒ CB01 ☒ TR01

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 eLab 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)
C01	CISPR	150 kHz ~ 30MHz	3.44

B. Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
CB01	0.03 GHz ~ 0.2 GHz	4.01
	0.2 GHz ~ 1 GHz	4.64
	1 GHz ~ 6 GHz	5.91
	6 GHz ~ 18 GHz	6.24
	18 GHz ~ 26 GHz	3.93
	26 GHz ~ 40 GHz	4.06

C. Conducted test :

Test Item	*U*,(dB)
Occupied Bandwidth	1.0502
Output power	1.0406
Conducted Spurious emissions	1.20
Conducted Band edges	1.0518
Power Spectral Density	1.20
Occupied Bandwidth	1.0502
Output power	1.0406

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

1.3 TEST ENVIRONMENT CONDITIONS

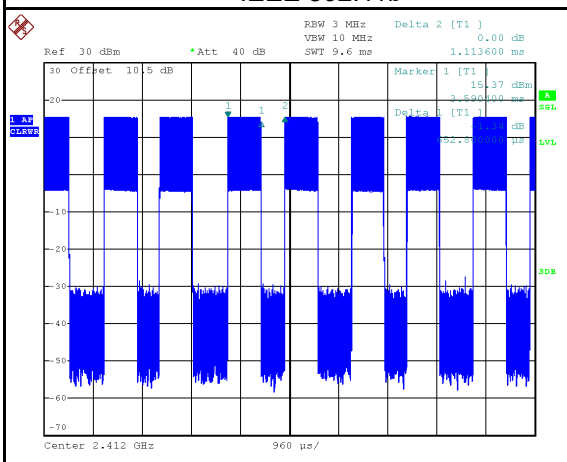
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	AC 120V	Ken Hsieh
Radiated emissions below 1 GHz	Refer to data	AC 120V	Ken Hsieh
Radiated emissions above 1 GHz	Refer to data	AC 120V	Ken Hsieh
Bandwidth	24°C, 50%	AC 120V	Cheng Tsai
Output Power	24°C, 50%	AC 120V	Cheng Tsai
Power Spectral Density	24°C, 50%	AC 120V	Cheng Tsai
Antenna conducted Spurious Emission	24°C, 50%	AC 120V	Cheng Tsai

1.4 DUTY CYCLE

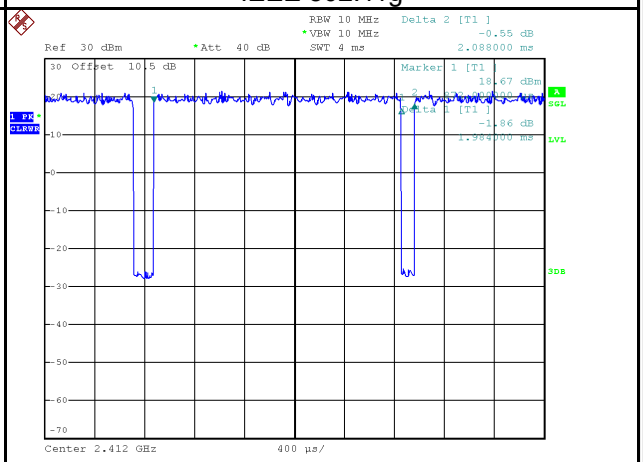
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

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	0.652	1	0.652	1.110	58.74%	2.31
IEEE 802.11g	1.984	1	1.984	2.088	95.02%	0.22
IEEE 802.11n (HT20)	5.436	1	5.436	6.192	87.79%	0.57
IEEE 802.11n (HT40)	5.440	1	5.440	6.880	79.07%	1.02
IEEE 802.11ax (HE20)	5.472	1	5.472	6.080	90.00%	0.46
IEEE 802.11ax (HE40)	5.453	1	5.453	5.986	91.10%	0.41

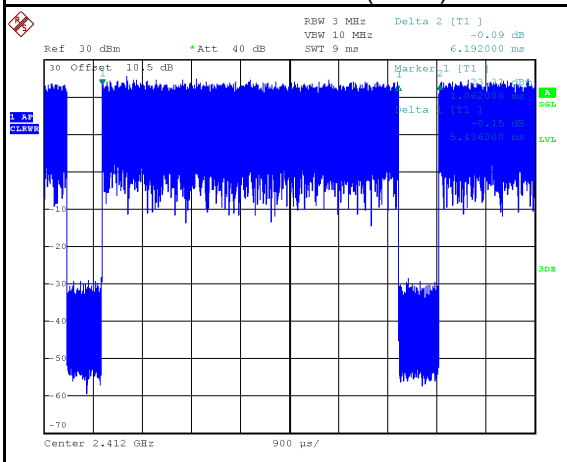
IEEE 802.11b



IEEE 802.11g



IEEE 802.11n (HT20)



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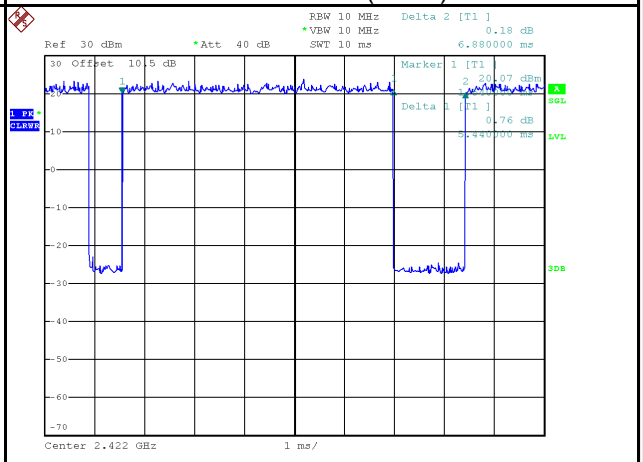
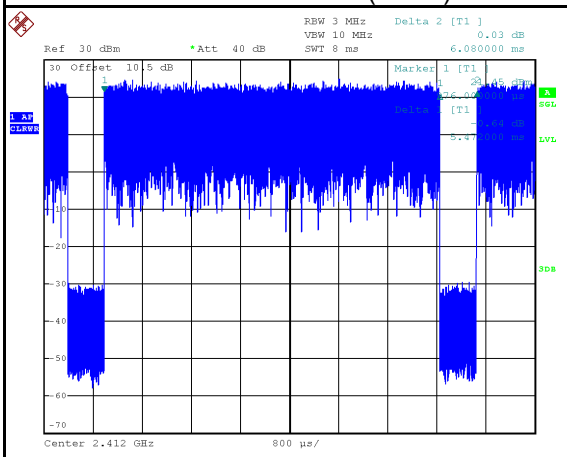
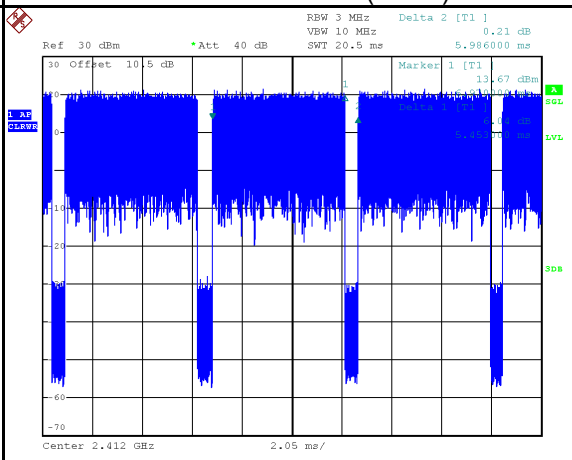


IEEE 802.11ax(HE20)	IEEE 802.11ax(HE40)
 Date: 19.APR.2024 12:31:46	 Date: 19.APR.2024 12:44:15

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Xiaomi Mesh System AX3000 NE
Test Model	RD28
Series Model	N/A
Model Difference(s)	N/A
Brand Name	xiaomi
Serial Number	N/A
Power Source	DC voltage supplied from AC adapter.
Power Rating	I/P: 100-240V~ 50/60Hz 0.5A O/P: 12.0V ⎓ 1.0A
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 573.6 Mbps
Output Power (Max).	IEEE 802.11b: 26.88 dBm IEEE 802.11g: 23.74 dBm IEEE 802.11n (HT20): 23.77 dBm IEEE 802.11n (HT40): 23.37 dBm IEEE 802.11ax (HE20): 23.47 dBm IEEE 802.11ax (HE40): 22.97 dBm

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

(2) Channel List:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (HT20), IEEE 802.11ax (HE20) CH03 – CH09 for IEEE 802.11n (HT40), IEEE 802.11ax (HE40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	08	2447		

(3) Table for Filed Antenna:

Ant.	Manufacturer	Part Name	Type	Frequency (MHz)	Gain (dBi)
1	Shenzhen Etheta Communication Technology Co., LTD.	MD28 2.4G WIFI Antenna 1	PCB	2400-2500	2.6
2	Shenzhen Etheta Communication Technology Co., LTD.	MD28 2.4G WIFI Antenna 2	PCB		2.8

Note:
1) This EUT supports CDD, and all antennas have the same gain, Directional gain = G_{ANT}+Array Gain.
For power measurements, Array Gain=0dB ($N_{ANT} \leqslant 4$), so the Directional gain=2.8.
For power spectral density measurements, $N_{ANT}=4$, $N_{SS}=1$.
So the Directional gain=G_{ANT}+Array Gain=$G_{ANT}+10\log(N_{ANT}/N_{SS})$dBi=2.8+10log(2/1)dBi=5.81.

(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) Table for Antenna Configuration:

Operating Mode / TX Mode	2TX
IEEE 802.11b	V (Ant. 1 + Ant. 2)
IEEE 802.11g	V (Ant. 1 + Ant. 2)
IEEE 802.11n(HT20)	V (Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)	V (Ant. 1 + Ant. 2)

2.2 TEST MODES

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

NOTE:
(1) For radiated emission bandedge and harmonic test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
(2) For AC power line conducted emissions and radiated emission below 1 GHz test, the IEEE 802.11b channel 11 is found to be the worst case and recorded.
(3) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
(4) NFC is Passive NFC, so no evaluation test is required.

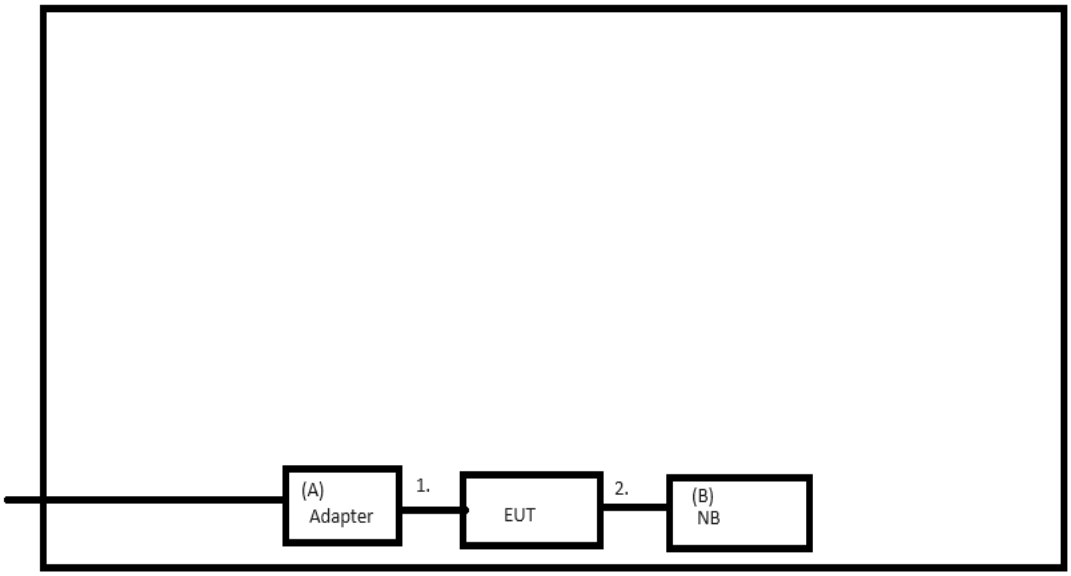
2.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	QSPR_V0.0.8.3		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	22	22.5	22.5
IEEE 802.11g	19.5	20.5	20
IEEE 802.11n(HT20)	20	20	20
IEEE 802.11ax(HE20)	18.5	18.5	18.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	17.5	20	20
IEEE 802.11ax(HE40)	17.5	19.5	19

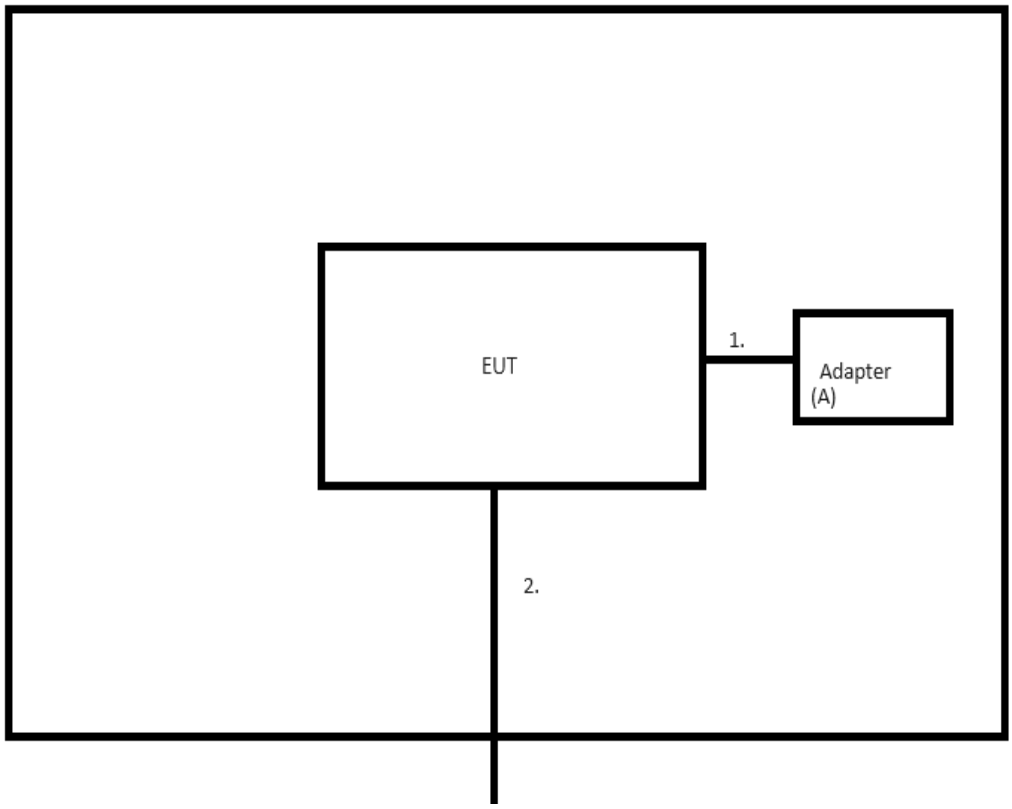
2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.5 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Remarks
A	Adapter	MI	AD-0121200100US-5	Supplied by test requester
B	NB	Lenovo	ThinkBook 14 G4 IAP	Supplied by test lab

Item	Cable Type	Ferrite Core	Length	Shielded	Remarks
1	DC Cable	NO	1m	NO	Supplied by test requester
2	RJ45 Cabel	YES	1m	NO	Supplied by test requester

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

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

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

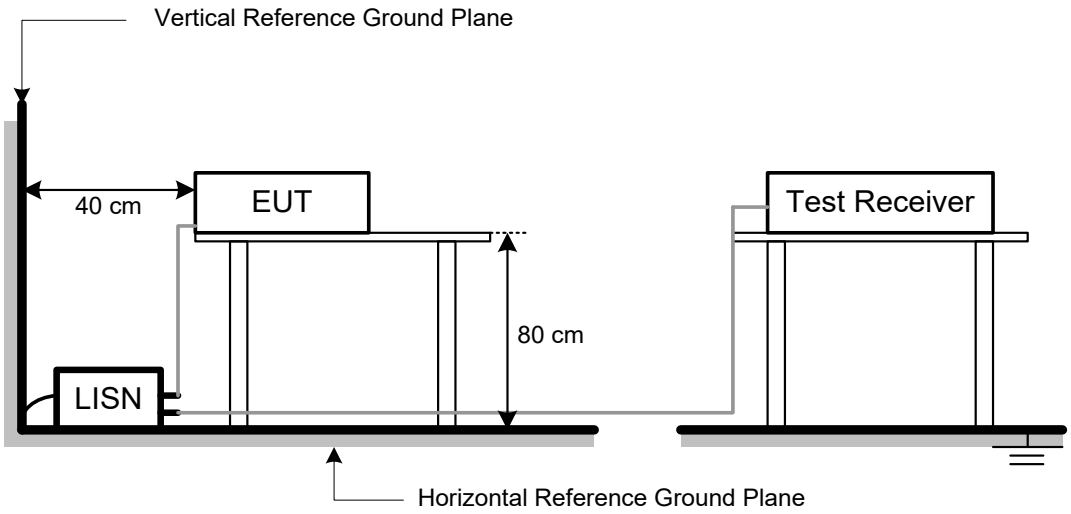
Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.2 TEST PROCEDURE

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

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

3.3 TEST SETUP



3.4 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

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

Reading Level		Correct Factor		Measurement Value
19.11	+	2.11	=	21.22

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

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

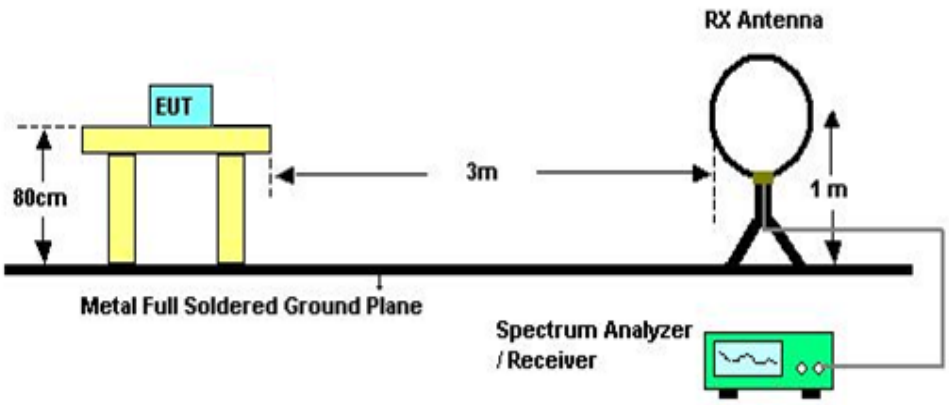
Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP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

4.2 TEST PROCEDURE

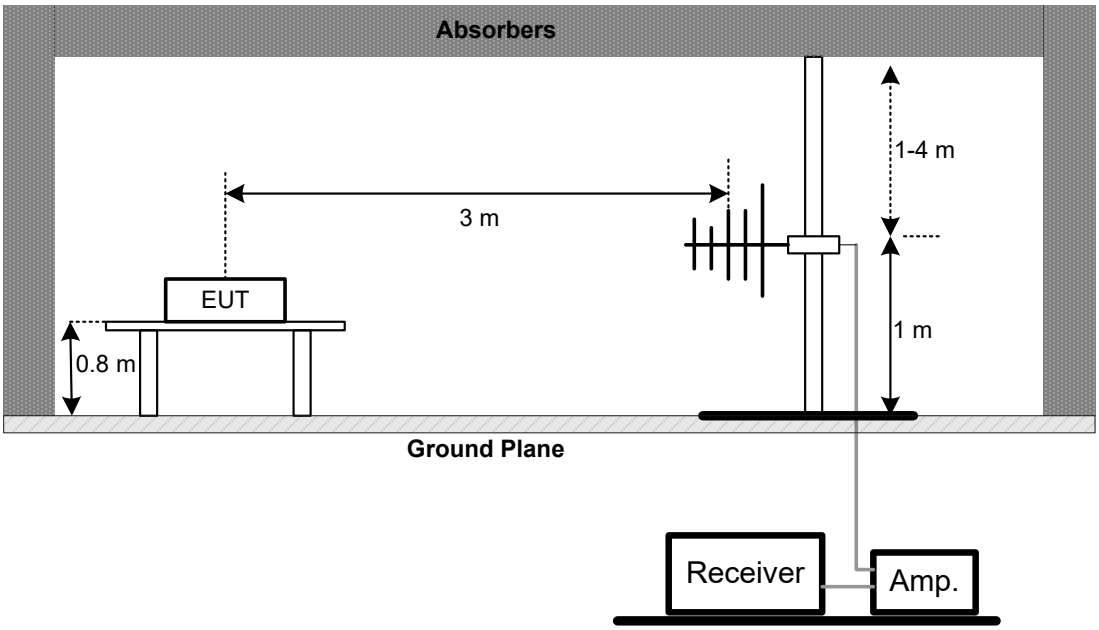
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

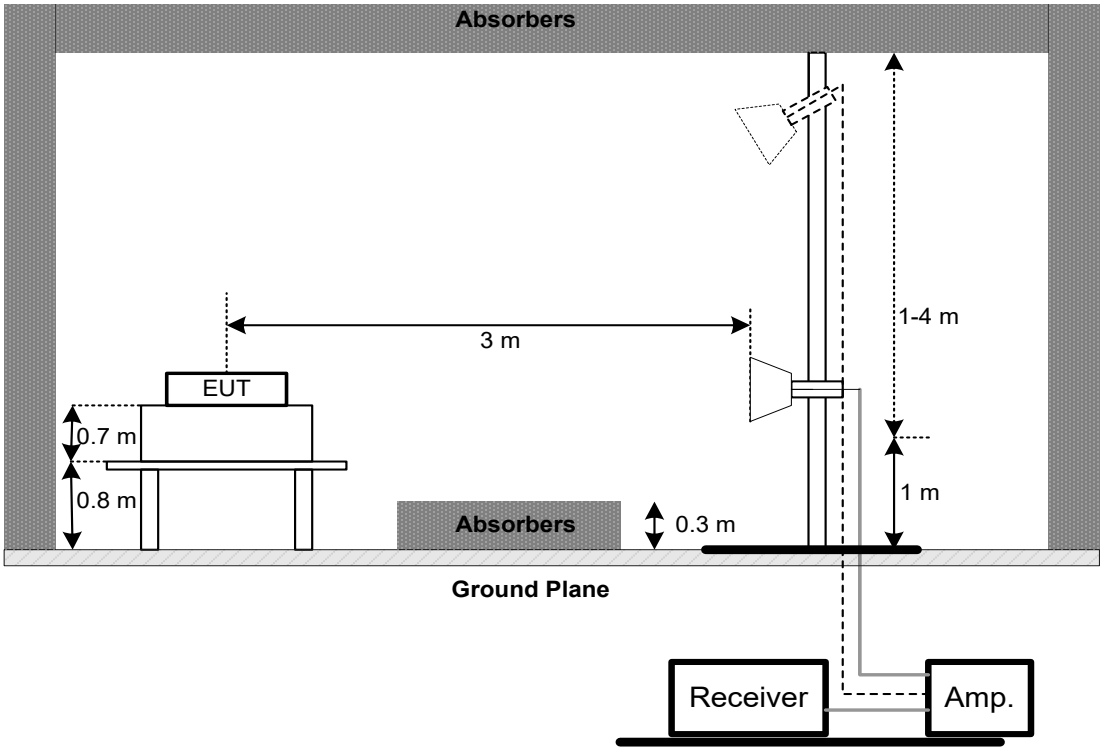
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.5 TEST RESULT – BELOW 30 MHZ

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

4.6 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

FCC Part15, Subpart C (15.247)		
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 TEST SETUP

5.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.5 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

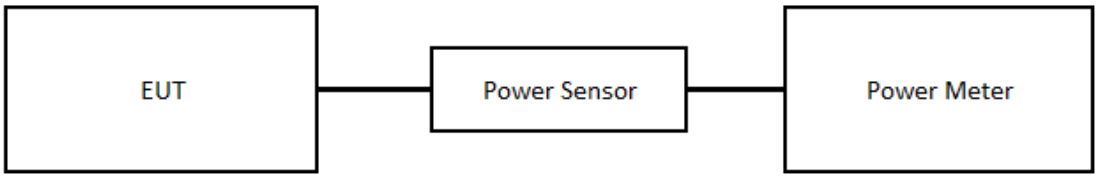
6.1 LIMIT

FCC Part15, Subpart C (15.247)		
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 TEST SETUP



6.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.5 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

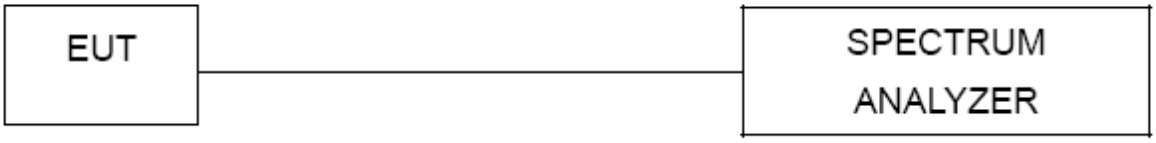
7.1 LIMIT

FCC Part15, Subpart C (15.247)		
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 TEST SETUP



7.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.5 TEST RESULT

Please refer to the APPENDIX F.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

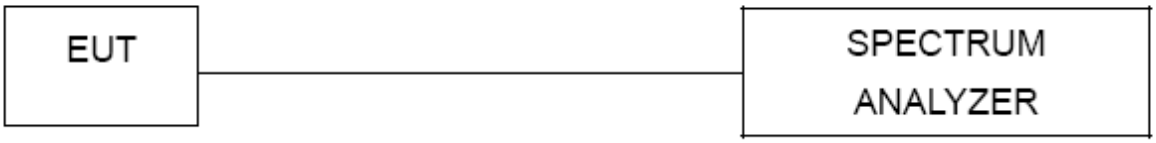
8.1 LIMIT

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

8.2 TEST PROCEDURE

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

8.3 TEST SETUP



8.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.5 TEST RESULT

Please refer to the APPENDIX G.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Two-Line V-Network	R&S	ENV216	101051	2023/7/21	2024/7/20
2	Test Cable	EMCI	EMCRG58-BM-BM-9000	210501	2023/12/11	2024/12/10
3	EXA Spectrum Analyzer	keysight	N9038A	MY54130009	2023/6/26	2024/6/25

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

Bandwidth& Output Power& Power Spectral Density& Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25

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

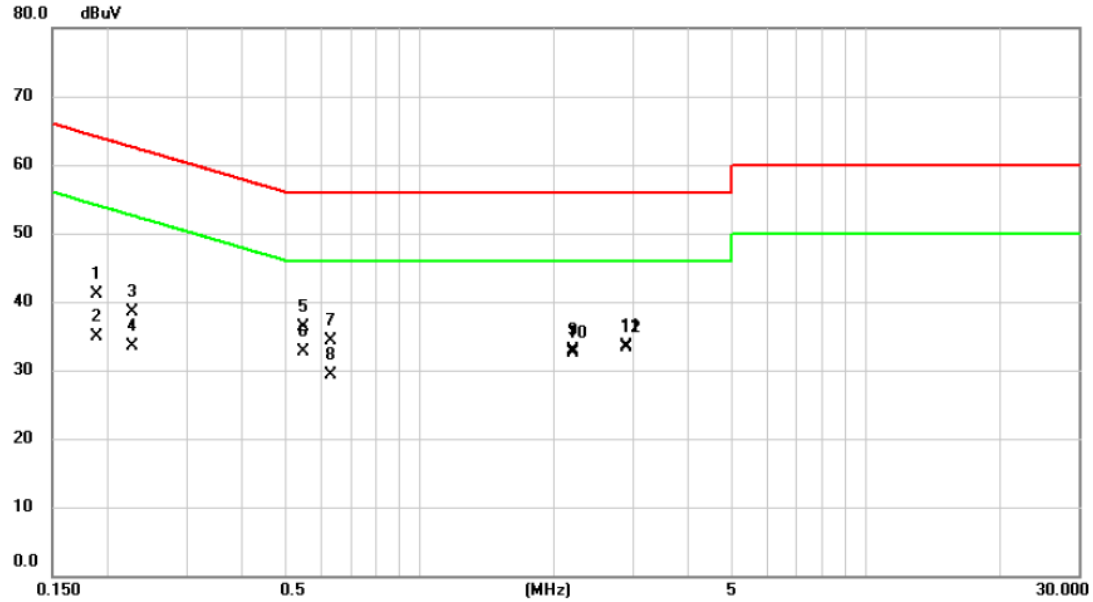
Please refer to APPENDIX-TEST PHOTOS.

11 EUT PHOTOS

Please refer to APPENDIX-EUT PHOTOS.

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

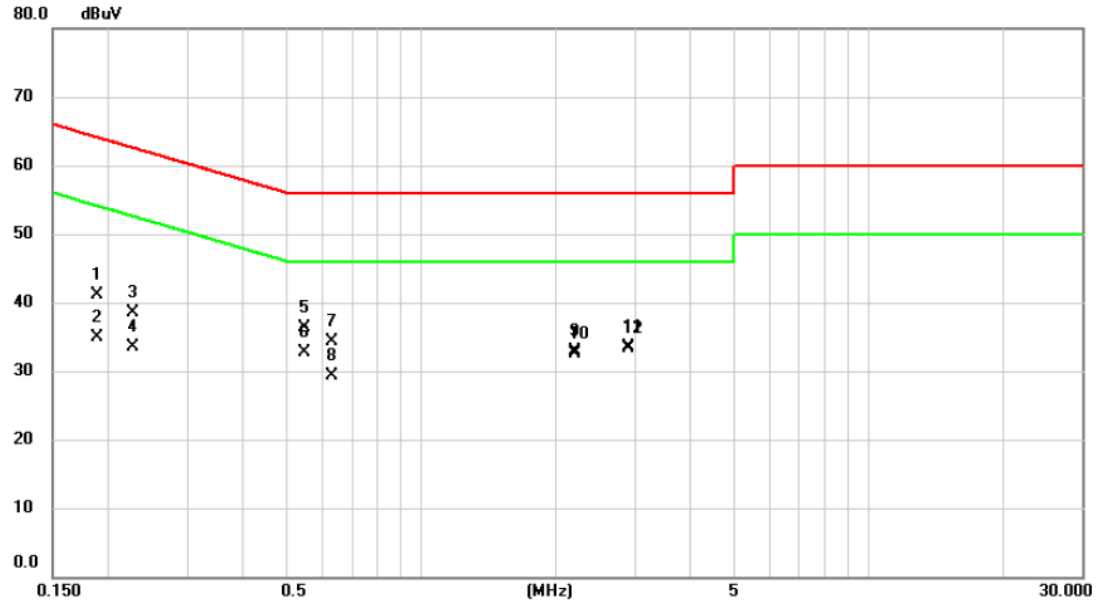
Test Mode	IEEE 802.11b	Tested Date	2024/4/16
Test Frequency	2462MHz	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1892	31.48	9.66	41.14	64.07	-22.93	QP	
2		0.1892	25.27	9.66	34.93	54.07	-19.14	AVG	
3		0.2263	28.80	9.66	38.46	62.58	-24.12	QP	
4		0.2263	23.94	9.66	33.60	52.58	-18.98	AVG	
5		0.5495	26.61	9.69	36.30	56.00	-19.70	QP	
6		0.5495	23.04	9.69	32.73	46.00	-13.27	AVG	
7		0.6305	24.57	9.70	34.27	56.00	-21.73	QP	
8		0.6305	19.55	9.70	29.25	46.00	-16.75	AVG	
9		2.2010	23.04	9.81	32.85	56.00	-23.15	QP	
10		2.2010	22.77	9.81	32.58	46.00	-13.42	AVG	
11		2.9120	23.66	9.85	33.51	56.00	-22.49	QP	
12	*	2.9120	23.37	9.85	33.22	46.00	-12.78	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2024/4/16
Test Frequency	2462MHz	Polarization	Neutral

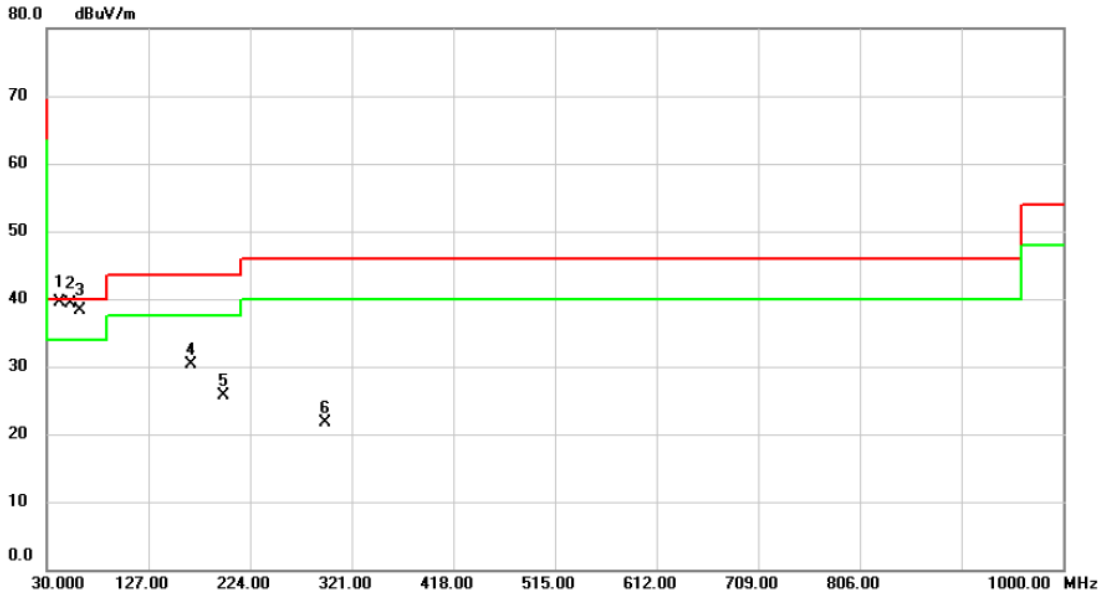


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1892	31.48	9.66	41.14	64.07	-22.93	QP	
2		0.1892	25.27	9.66	34.93	54.07	-19.14	AVG	
3		0.2263	28.80	9.66	38.46	62.58	-24.12	QP	
4		0.2263	23.94	9.66	33.60	52.58	-18.98	AVG	
5		0.5495	26.61	9.69	36.30	56.00	-19.70	QP	
6		0.5495	23.04	9.69	32.73	46.00	-13.27	AVG	
7		0.6305	24.57	9.70	34.27	56.00	-21.73	QP	
8		0.6305	19.55	9.70	29.25	46.00	-16.75	AVG	
9		2.2010	23.04	9.81	32.85	56.00	-23.15	QP	
10		2.2010	22.77	9.81	32.58	46.00	-13.42	AVG	
11		2.9120	23.66	9.85	33.51	56.00	-22.49	QP	
12	*	2.9120	23.37	9.85	33.22	46.00	-12.78	AVG	

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

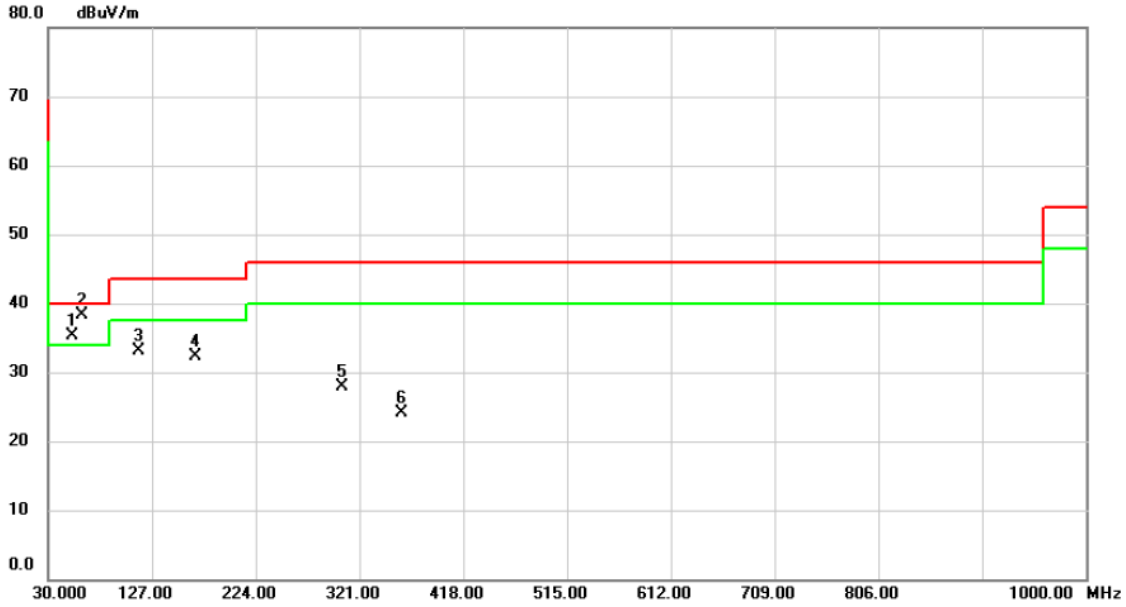
Test Mode	IEEE 802.11b	Test Date	2024/4/16
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	41.6400	51.96	-12.36	39.60	40.00	-0.40	QP	100	104	
2		52.3100	50.80	-11.48	39.32	40.00	-0.68	QP	100	59	
3		62.0100	50.43	-12.19	38.24	40.00	-1.76	QP	100	220	
4		167.7400	41.87	-11.62	30.25	43.50	-13.25	peak	100	210	
5		198.7800	39.80	-14.17	25.63	43.50	-17.87	peak	100	259	
6		295.7800	31.98	-10.29	21.69	46.00	-24.31	peak	100	146	

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

Test Mode	IEEE 802.11b	Test Date	2024/4/16
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	60%

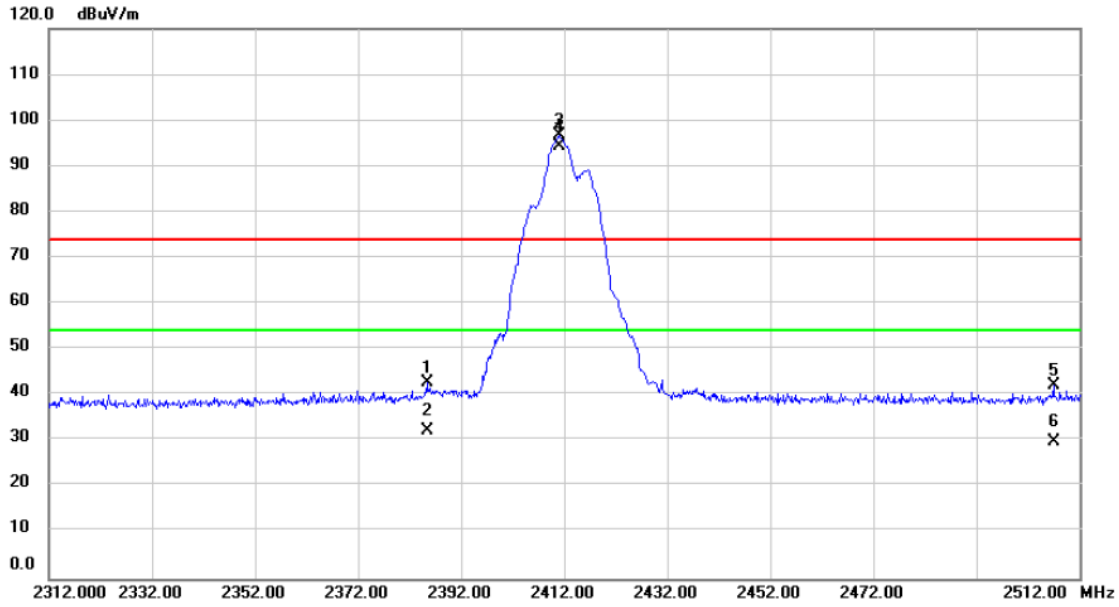


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		52.3100	46.84	-11.48	35.36	40.00	-4.64	peak	200	153	
2	*	62.0100	50.40	-12.19	38.21	40.00	-1.79	peak	200	194	
3		114.3900	47.62	-14.43	33.19	43.50	-10.31	peak	200	112	
4		167.7400	43.95	-11.62	32.33	43.50	-11.17	peak	200	273	
5		304.5100	38.03	-10.13	27.90	46.00	-18.10	peak	100	90	
6		359.8000	32.80	-8.64	24.16	46.00	-21.84	peak	100	123	

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

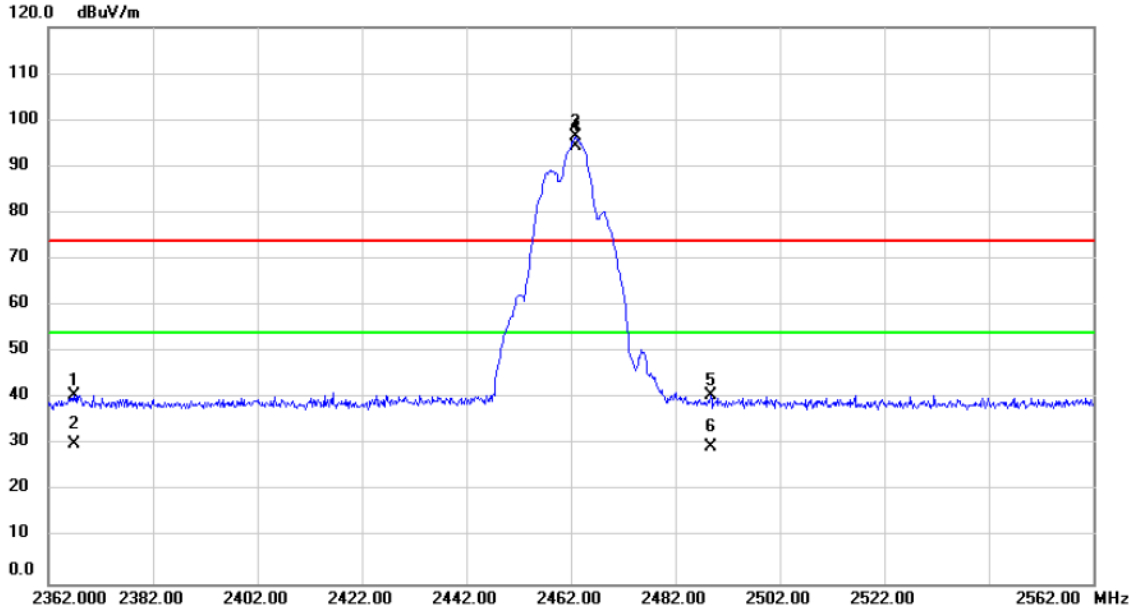
Test Mode	IEEE 802.11b	Test Date	2024/4/15
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2385.400	39.62	2.99	42.61	74.00	-31.39	peak			
2		2385.400	29.17	2.99	32.16	54.00	-21.84	AVG			
3	X	2411.000	93.64	3.01	96.65	74.00	22.65	peak			No Limit
4	*	2411.000	91.43	3.01	94.44	54.00	40.44	AVG			No Limit
5		2507.000	39.01	3.17	42.18	74.00	-31.82	peak			
6		2507.000	26.61	3.17	29.78	54.00	-24.22	AVG			

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

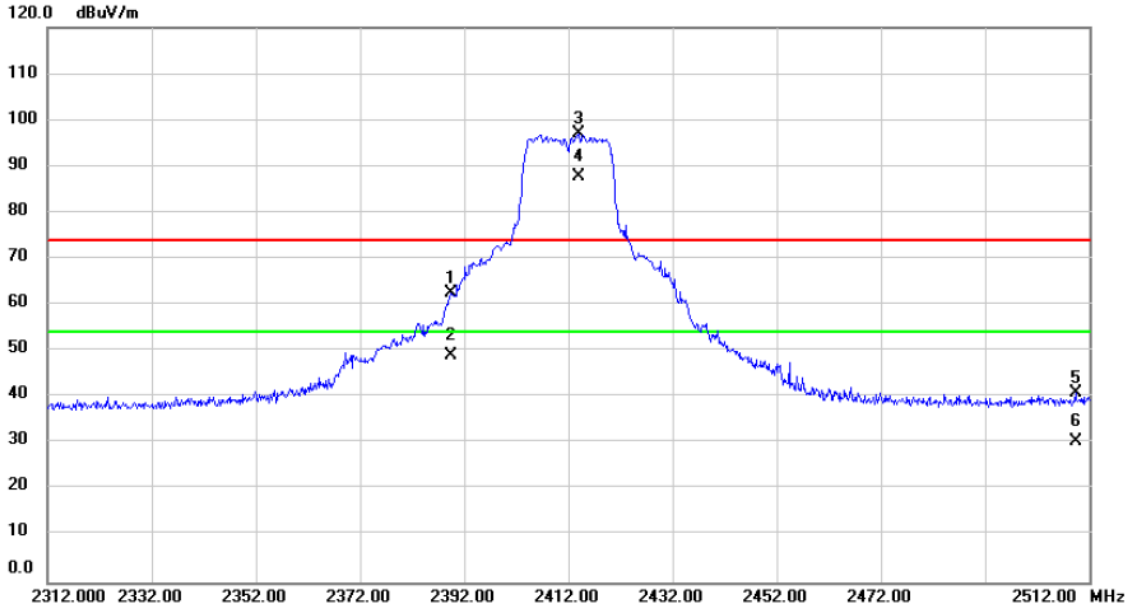
Test Mode	IEEE 802.11b	Test Date	2024/4/15
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2366.800	37.66	2.96	40.62	74.00	-33.38	peak			
2		2366.800	27.28	2.96	30.24	54.00	-23.76	AVG			
3	X	2462.800	93.24	3.09	96.33	74.00	22.33	peak			No Limit
4	*	2462.800	91.30	3.09	94.39	54.00	40.39	AVG			No Limit
5		2488.800	37.58	3.13	40.71	74.00	-33.29	peak			
6		2488.800	26.53	3.13	29.66	54.00	-24.34	AVG			

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

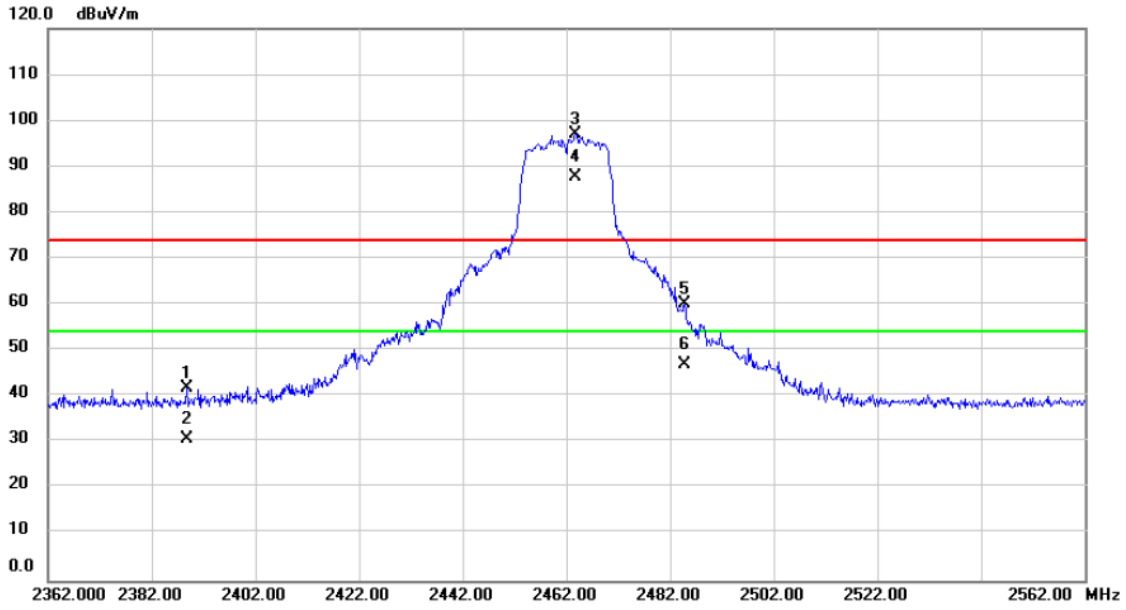
Test Mode	IEEE 802.11g	Test Date	2024/4/15
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2389.400	59.59	2.99	62.58	74.00	-11.42	peak			
2		2389.400	45.99	2.99	48.98	54.00	-5.02	AVG			
3	X	2414.000	93.93	3.03	96.96	74.00	22.96	peak			No Limit
4	*	2414.000	84.86	3.03	87.89	54.00	33.89	AVG			No Limit
5		2509.400	37.73	3.18	40.91	74.00	-33.09	peak			
6		2509.400	27.34	3.18	30.52	54.00	-23.48	AVG			

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

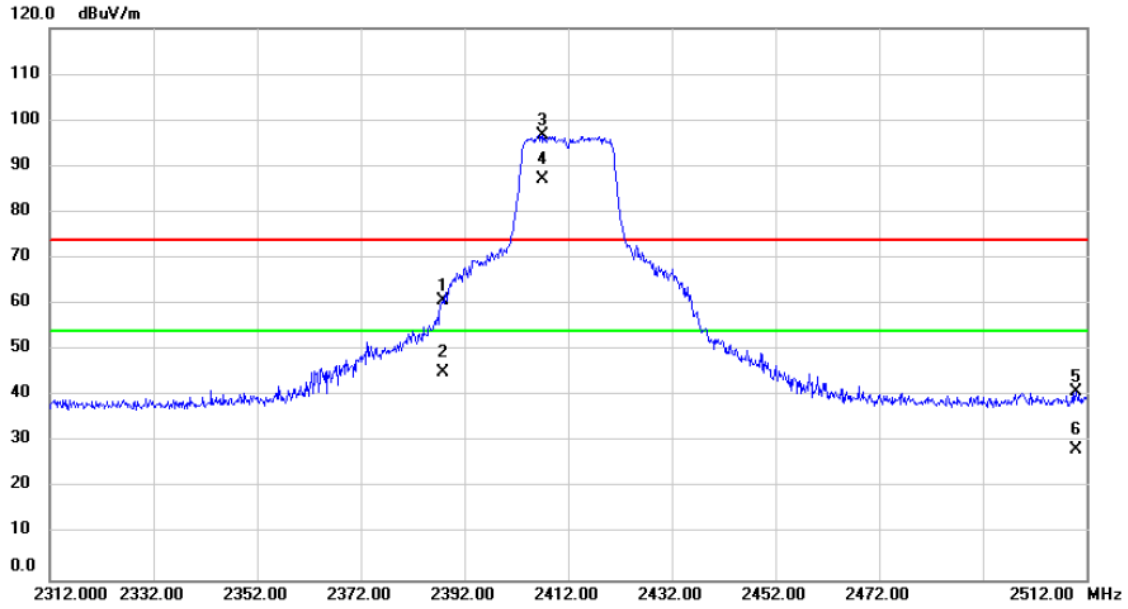
Test Mode	IEEE 802.11g	Test Date	2024/4/15
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2388.800	38.98	2.99	41.97	74.00	-32.03	peak			
2		2388.800	27.69	2.99	30.68	54.00	-23.32	AVG			
3	X	2463.800	93.91	3.10	97.01	74.00	23.01	peak			No Limit
4	*	2463.800	84.64	3.10	87.74	54.00	33.74	AVG			No Limit
5		2484.800	56.96	3.12	60.08	74.00	-13.92	peak			
6		2484.800	43.86	3.12	46.98	54.00	-7.02	AVG			

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

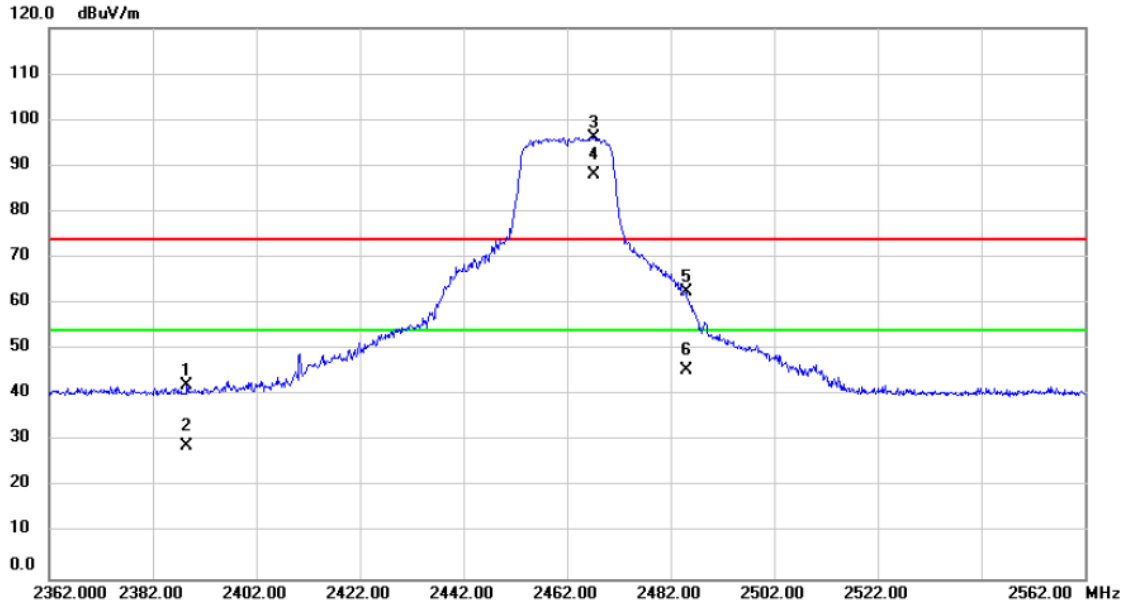
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/15
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2387.800	57.80	2.99	60.79	74.00	-13.21	peak			
2		2387.800	42.04	2.99	45.03	54.00	-8.97	AVG			
3	X	2407.000	93.86	3.02	96.88	74.00	22.88	peak			No Limit
4	*	2407.000	84.05	3.02	87.07	54.00	33.07	AVG			No Limit
5		2510.000	37.63	3.18	40.81	74.00	-33.19	peak			
6		2510.000	25.08	3.18	28.26	54.00	-25.74	AVG			

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

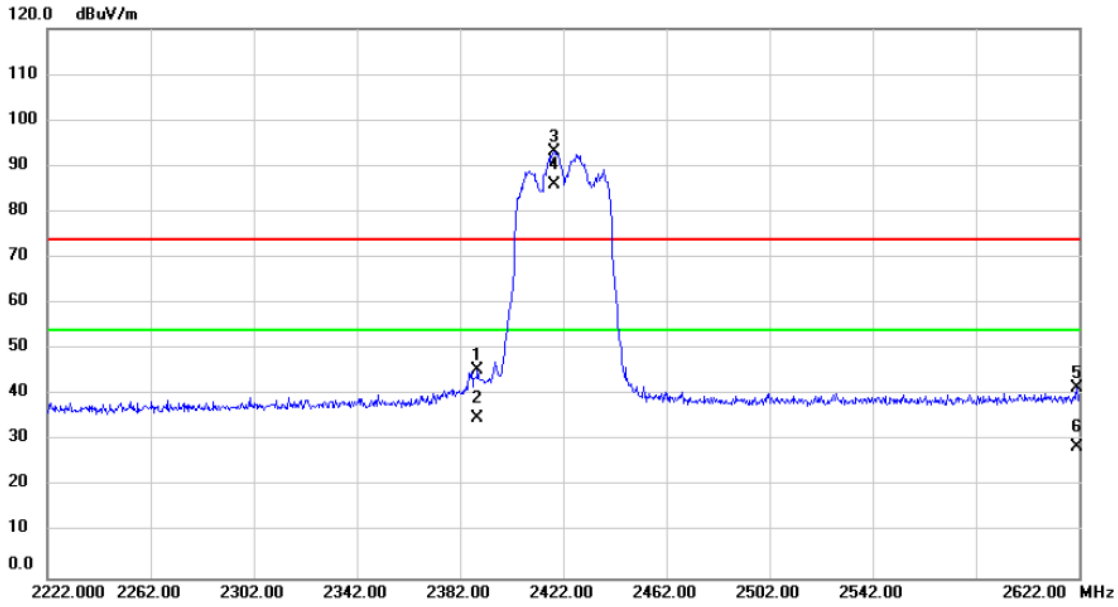
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/15
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2388.600	39.16	2.99	42.15	74.00	-31.85	peak			
2		2388.600	25.87	2.99	28.86	54.00	-25.14	AVG			
3	X	2467.200	93.11	3.10	96.21	74.00	22.21	peak			No Limit
4	*	2467.200	84.90	3.10	88.00	54.00	34.00	AVG			No Limit
5		2485.000	59.36	3.12	62.48	74.00	-11.52	peak			
6		2485.000	42.38	3.12	45.50	54.00	-8.50	AVG			

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

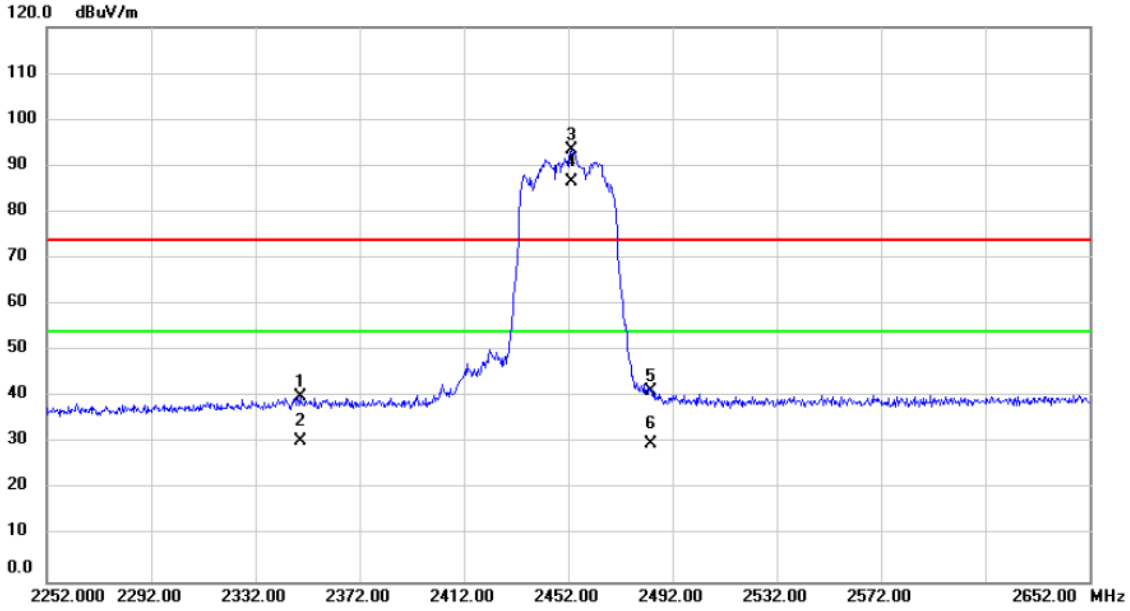
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/15
Test Frequency	2422MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2388.800	42.60	2.99	45.59	74.00	-28.41	peak			
2		2388.800	32.09	2.99	35.08	54.00	-18.92	AVG			
3	X	2418.400	90.11	3.03	93.14	74.00	19.14	peak			No Limit
4	*	2418.400	83.06	3.03	86.09	54.00	32.09	AVG			No Limit
5		2621.200	38.00	3.58	41.58	74.00	-32.42	peak			
6		2621.200	25.17	3.58	28.75	54.00	-25.25	AVG			

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

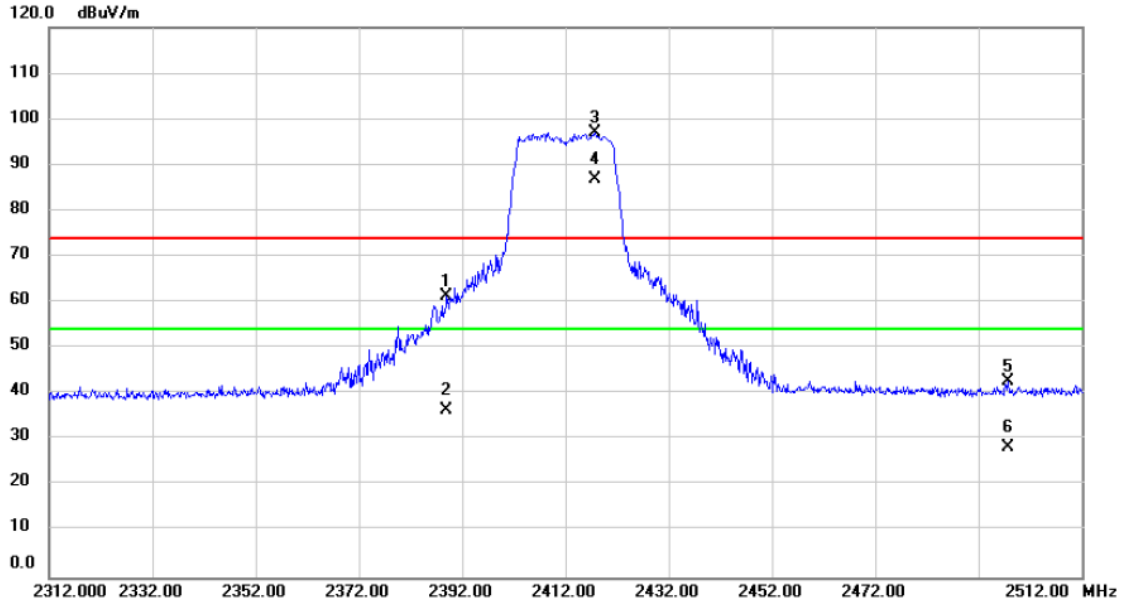
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/15
Test Frequency	2452MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2349.200	36.96	2.95	39.91	74.00	-34.09	peak			
2		2349.200	27.63	2.95	30.58	54.00	-23.42	AVG			
3	X	2453.200	90.30	3.08	93.38	74.00	19.38	peak			No Limit
4	*	2453.200	83.37	3.08	86.45	54.00	32.45	AVG			No Limit
5		2483.500	38.15	3.11	41.26	74.00	-32.74	peak			
6		2483.500	26.83	3.11	29.94	54.00	-24.06	AVG			

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

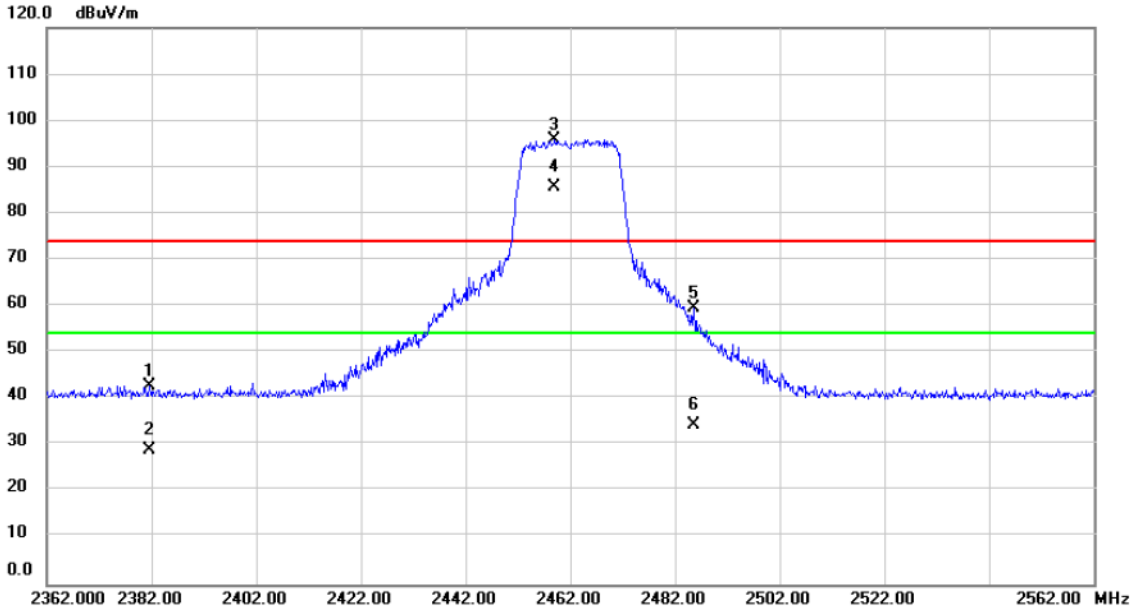
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/15
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2389.000	58.27	2.99	61.26	74.00	-12.74	peak			
2		2389.000	33.56	2.99	36.55	54.00	-17.45	AVG			
3	X	2417.800	93.91	3.03	96.94	74.00	22.94	peak			No Limit
4	*	2417.800	83.94	3.03	86.97	54.00	32.97	AVG			No Limit
5		2497.800	39.73	3.14	42.87	74.00	-31.13	peak			
6		2497.800	25.08	3.14	28.22	54.00	-25.78	AVG			

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

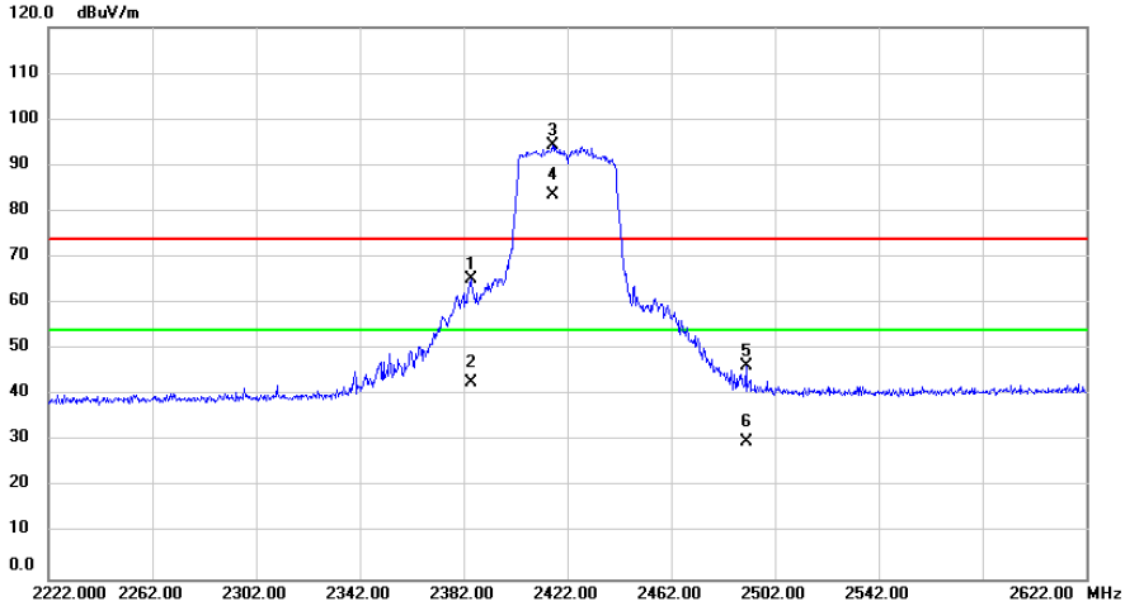
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/15
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2381.600	39.81	2.99	42.80	74.00	-31.20	peak			
2		2381.600	25.94	2.99	28.93	54.00	-25.07	AVG			
3	X	2459.000	92.76	3.08	95.84	74.00	21.84	peak			No Limit
4	*	2459.000	82.56	3.08	85.64	54.00	31.64	AVG			No Limit
5		2485.600	56.45	3.12	59.57	74.00	-14.43	peak			
6		2485.600	31.11	3.12	34.23	54.00	-19.77	AVG			

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

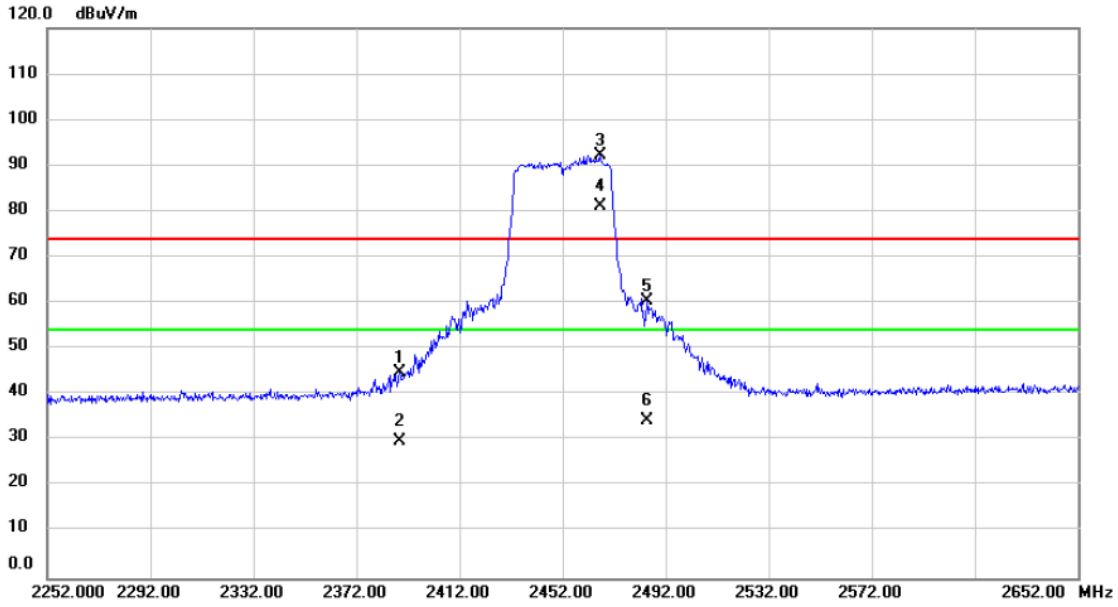
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/15
Test Frequency	2422MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2384.800	62.16	2.99	65.15	74.00	-8.85	peak			
2		2384.800	39.68	2.99	42.67	54.00	-11.33	AVG			
3	X	2416.400	91.29	3.03	94.32	74.00	20.32	peak			No Limit
4	*	2416.400	80.37	3.03	83.40	54.00	29.40	AVG			No Limit
5		2490.800	43.12	3.13	46.25	74.00	-27.75	peak			
6		2490.800	26.85	3.13	29.98	54.00	-24.02	AVG			

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

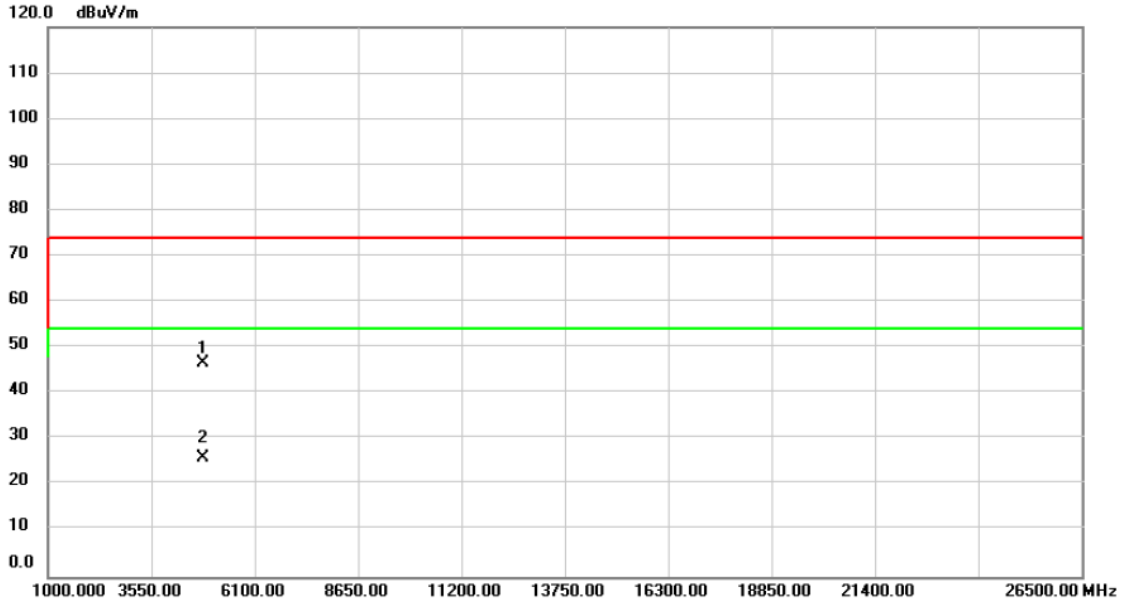
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/15
Test Frequency	2452MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2388.800	41.94	2.99	44.93	74.00	-29.07	peak			
2		2388.800	26.86	2.99	29.85	54.00	-24.15	AVG			
3	X	2466.400	89.15	3.10	92.25	74.00	18.25	peak			No Limit
4	*	2466.400	78.11	3.10	81.21	54.00	27.21	AVG			No Limit
5		2484.800	57.29	3.12	60.41	74.00	-13.59	peak			
6		2484.800	31.38	3.12	34.50	54.00	-19.50	AVG			

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

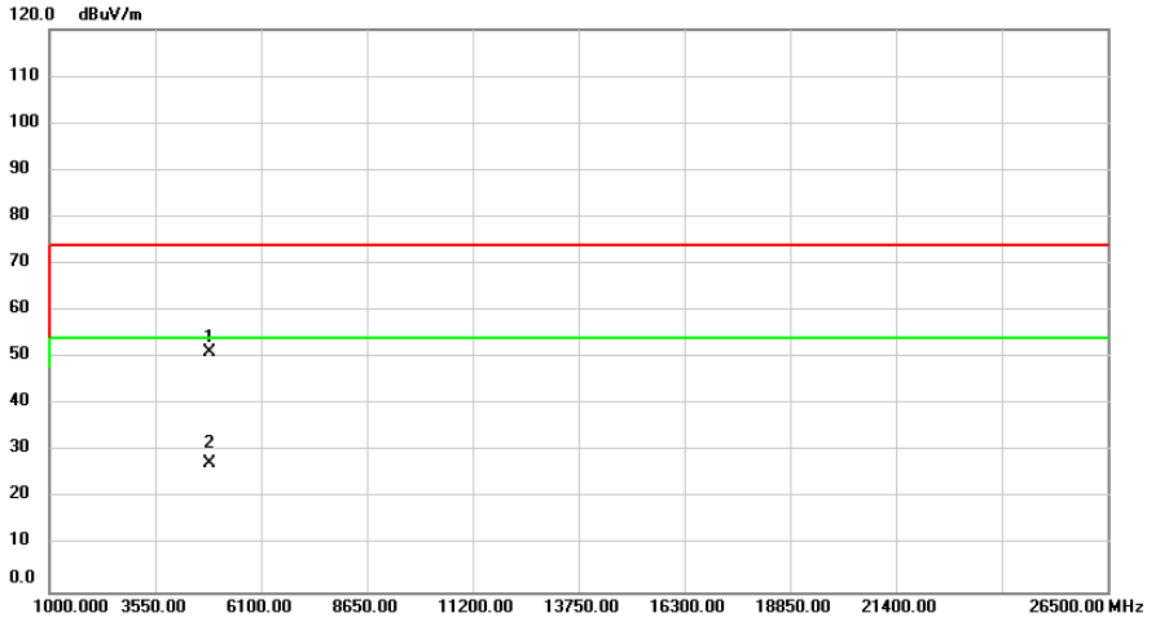
Test Mode	IEEE 802.11b	Test Date	2024/4/17
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	4824.000	55.34	-8.57	46.77	74.00	-27.23	peak			
2		4824.000	34.49	-8.57	25.92	54.00	-28.08	AVG			

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

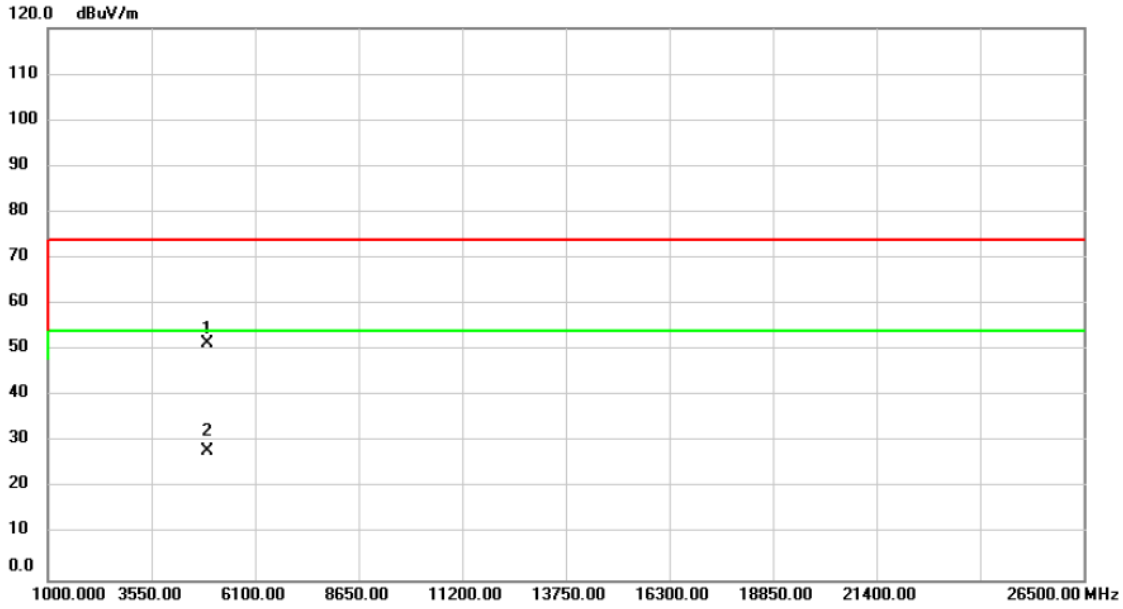
Test Mode	IEEE 802.11b	Test Date	2024/4/17
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	4874.000	59.47	-8.44	51.03	74.00	-22.97	peak			
2		4874.000	35.77	-8.44	27.33	54.00	-26.67	AVG			

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

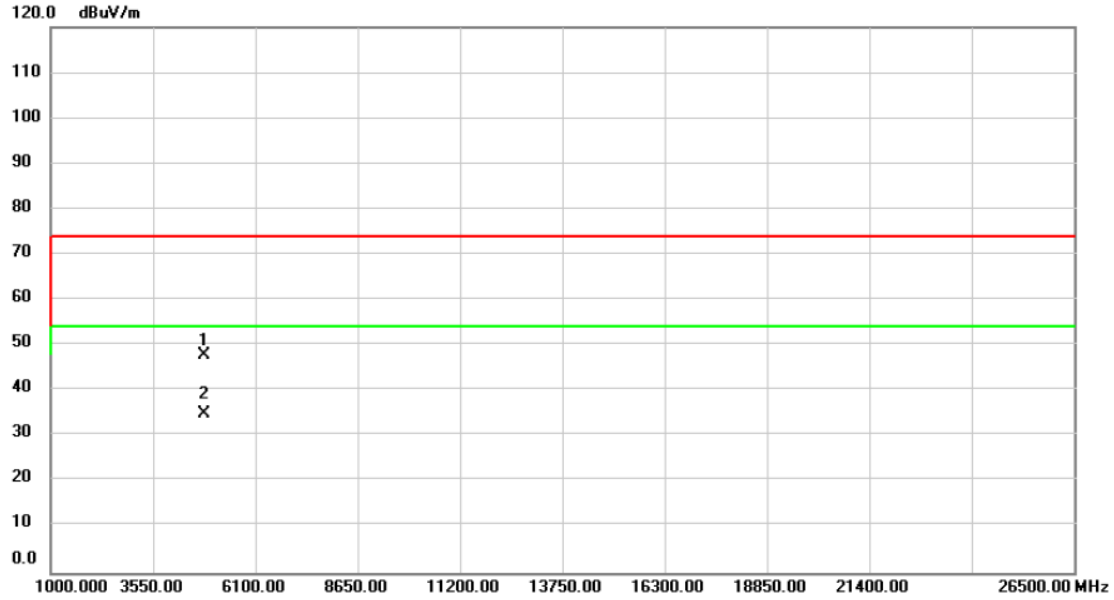
Test Mode	IEEE 802.11b	Test Date	2024/4/17
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	4924.000	59.79	-8.33	51.46	74.00	-22.54	peak			
2		4924.000	36.45	-8.33	28.12	54.00	-25.88	AVG			

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

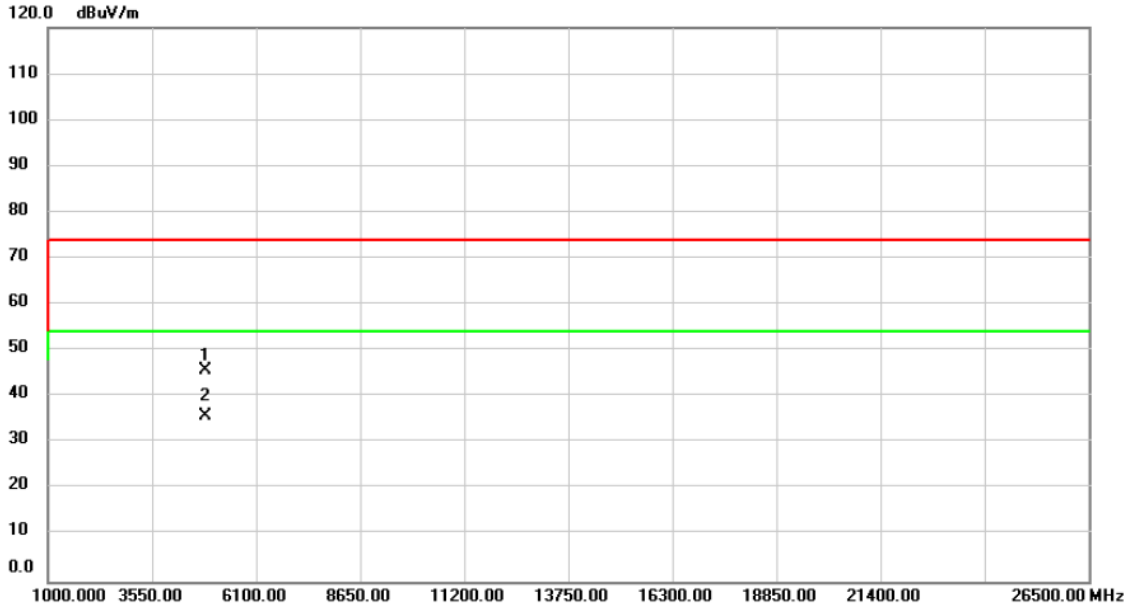
Test Mode	IEEE 802.11g	Test Date	2024/4/17
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	56.31	-8.57	47.74	74.00	-26.26	peak			
2	*	4824.000	43.59	-8.57	35.02	54.00	-18.98	AVG			

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

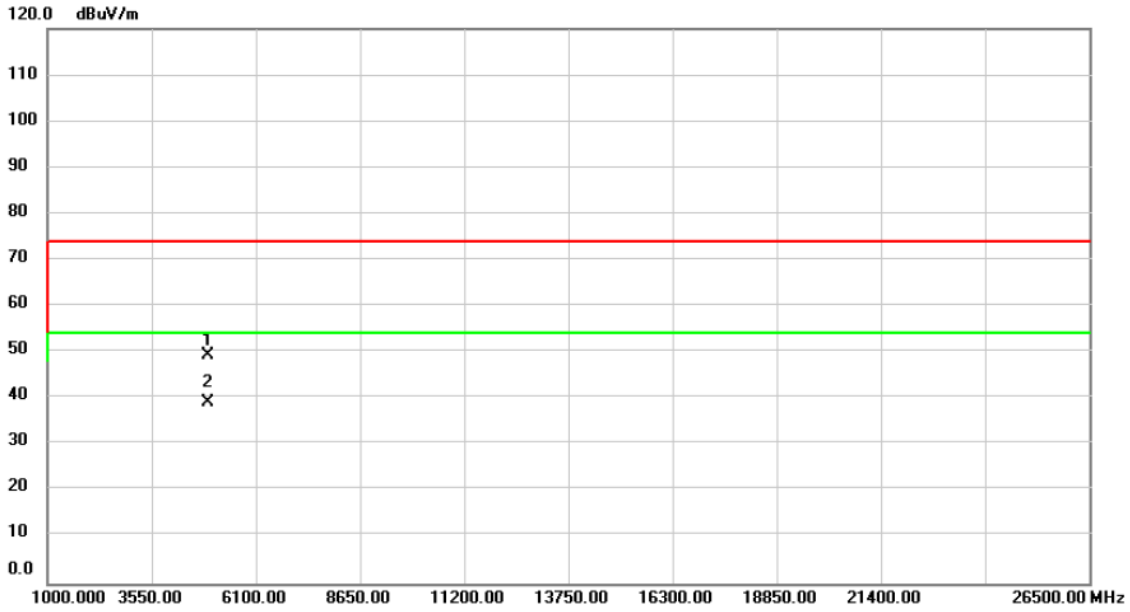
Test Mode	IEEE 802.11g	Test Date	2024/4/17
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	54.13	-8.44	45.69	74.00	-28.31	peak			
2	*	4874.000	44.35	-8.44	35.91	54.00	-18.09	AVG			

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

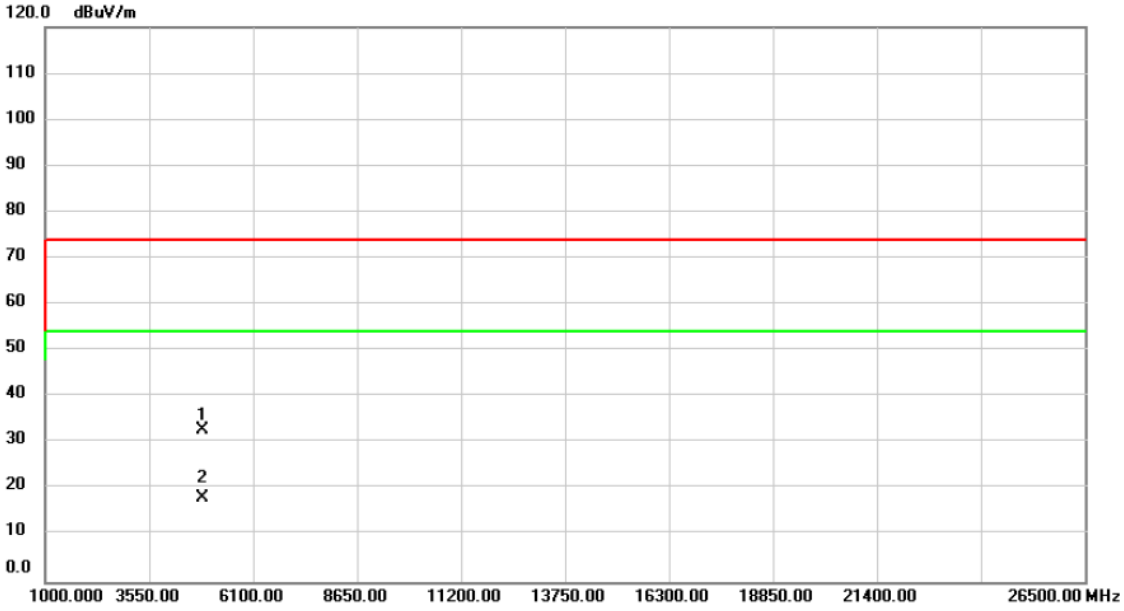
Test Mode	IEEE 802.11g	Test Date	2024/4/17
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	57.74	-8.33	49.41	74.00	-24.59	peak			
2	*	4924.000	47.54	-8.33	39.21	54.00	-14.79	AVG			

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

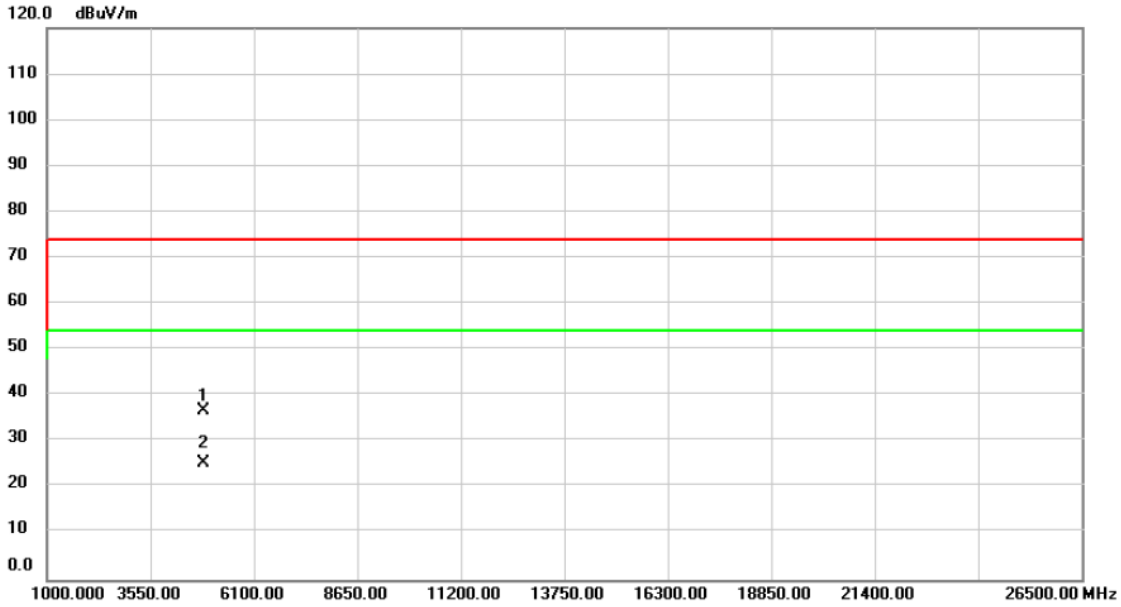
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/17
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	41.43	-8.52	32.91	74.00	-41.09	peak			
2	*	4844.000	26.75	-8.52	18.23	54.00	-35.77	AVG			

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

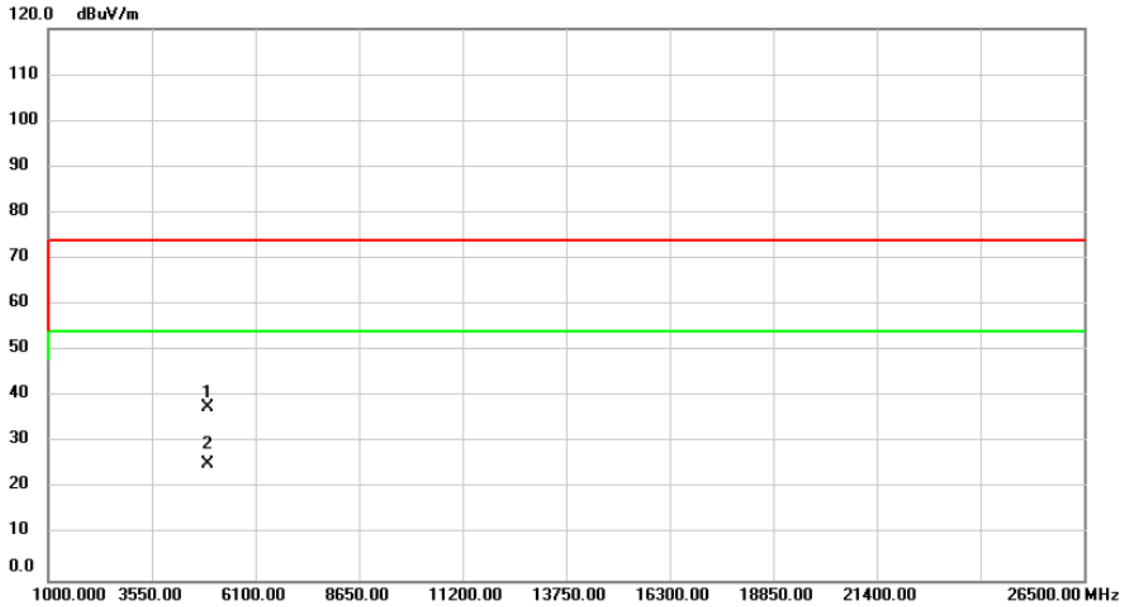
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/17
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	45.27	-8.44	36.83	74.00	-37.17	peak			
2	*	4874.000	33.69	-8.44	25.25	54.00	-28.75	AVG			

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

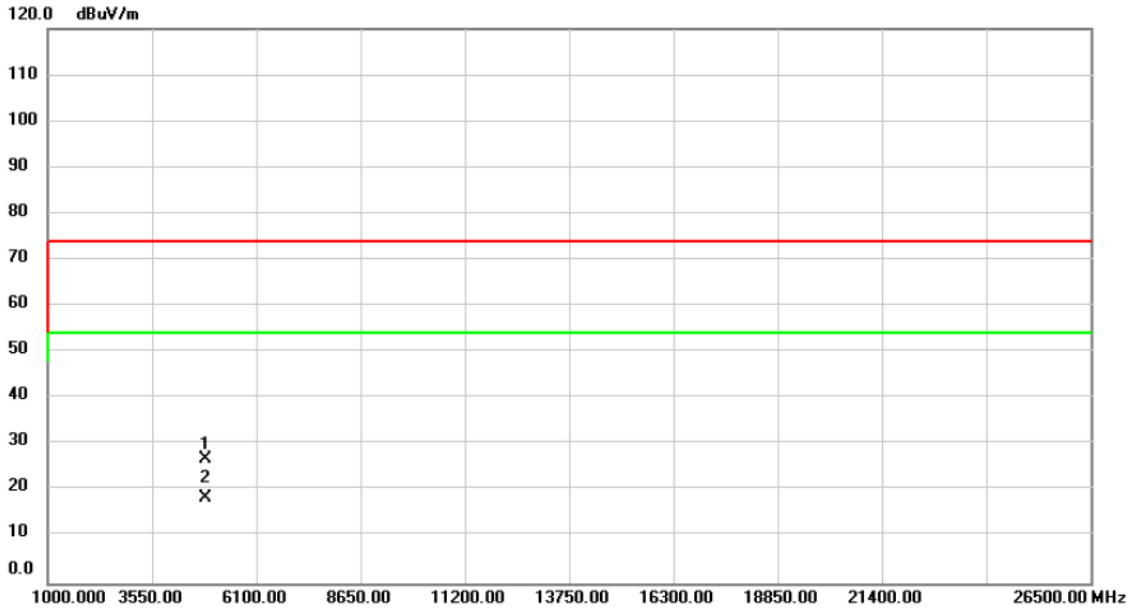
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/17
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	45.91	-8.33	37.58	74.00	-36.42	peak			
2	*	4924.000	33.82	-8.33	25.49	54.00	-28.51	AVG			

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

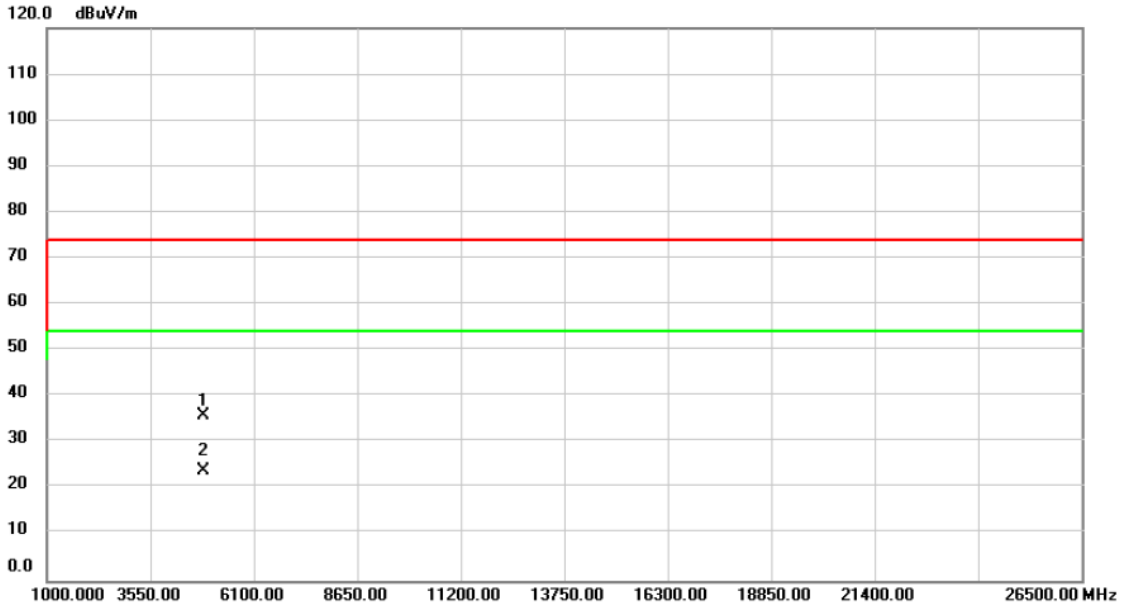
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/17
Test Frequency	2422MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	35.44	-8.52	26.92	74.00	-47.08	peak			
2	*	4844.000	26.92	-8.52	18.40	54.00	-35.60	AVG			

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

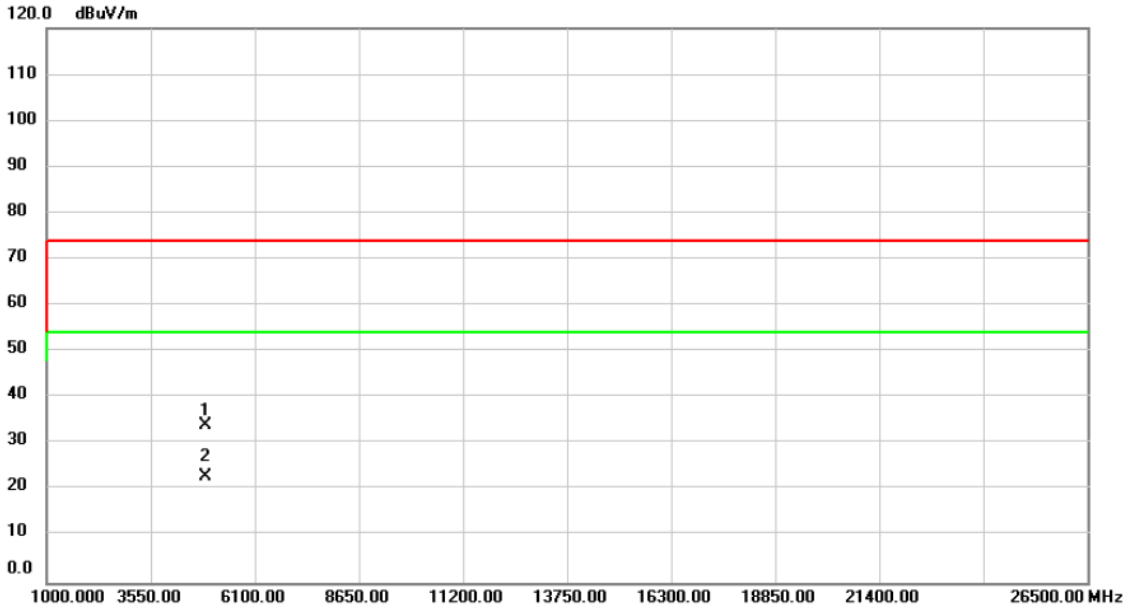
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/17
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	44.31	-8.44	35.87	74.00	-38.13	peak			
2	*	4874.000	32.15	-8.44	23.71	54.00	-30.29	AVG			

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

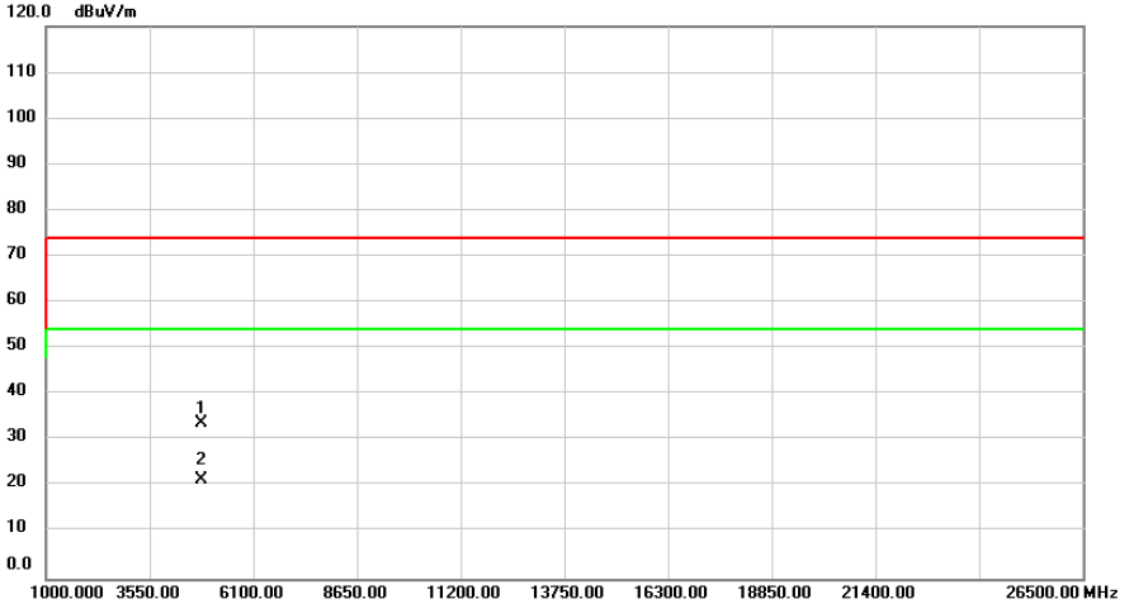
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/17
Test Frequency	2452MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	42.28	-8.36	33.92	74.00	-40.08	peak			
2	*	4904.000	31.43	-8.36	23.07	54.00	-30.93	AVG			

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

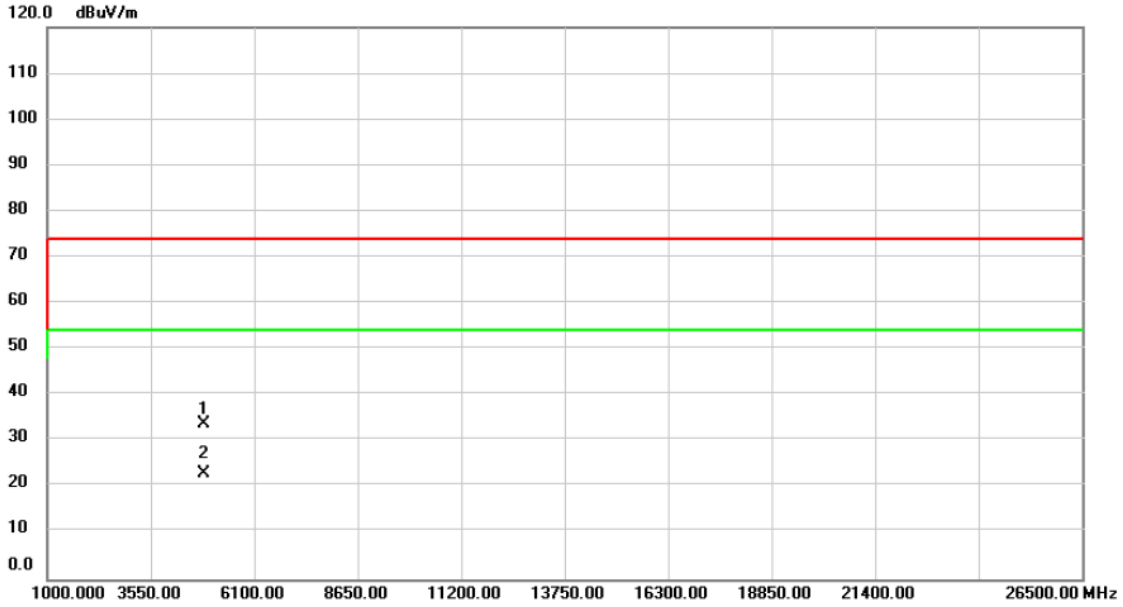
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/17
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	45%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	42.41	-8.57	33.84	74.00	-40.16	peak			
2	*	4824.000	30.00	-8.57	21.43	54.00	-32.57	AVG			

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

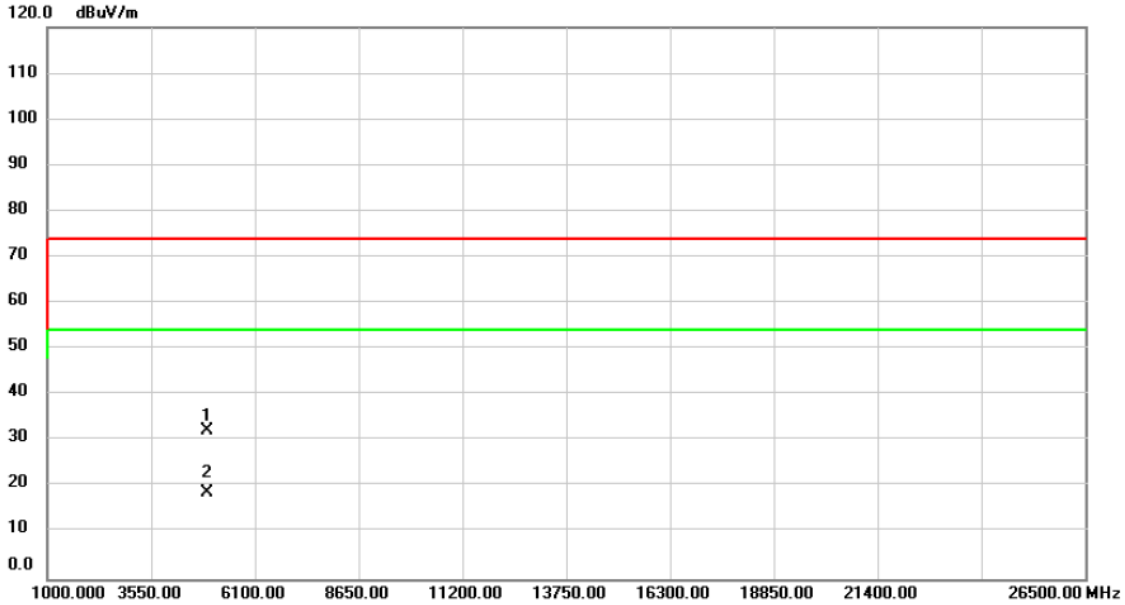
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/17
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	45%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	42.17	-8.44	33.73	74.00	-40.27	peak			
2	*	4874.000	31.26	-8.44	22.82	54.00	-31.18	AVG			

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

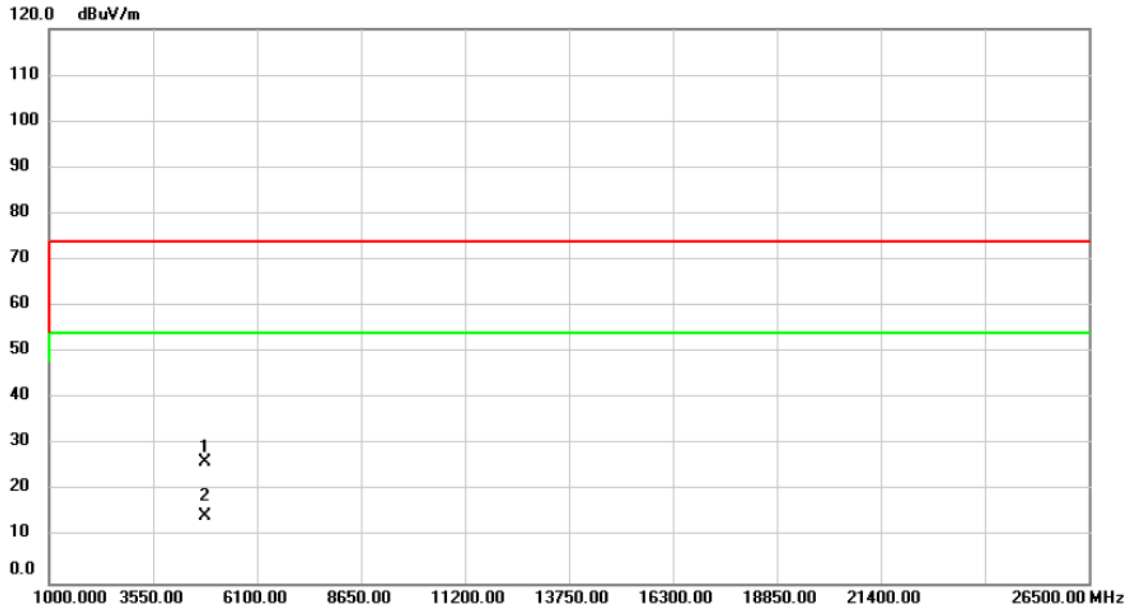
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/17
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	45%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	40.43	-8.33	32.10	74.00	-41.90	peak			
2	*	4924.000	27.00	-8.33	18.67	54.00	-35.33	AVG			

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

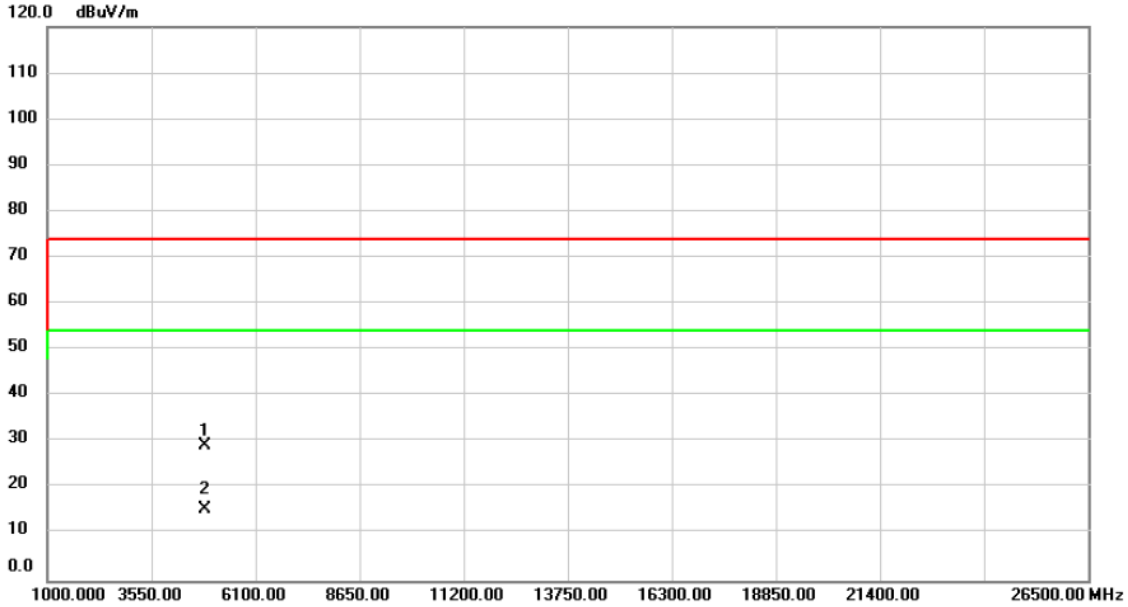
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/17
Test Frequency	2422MHz	Polarization	Vertical
Temp	24°C	Hum.	45%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	34.68	-8.57	26.11	74.00	-47.89	peak			
2	*	4824.000	23.01	-8.57	14.44	54.00	-39.56	AVG			

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

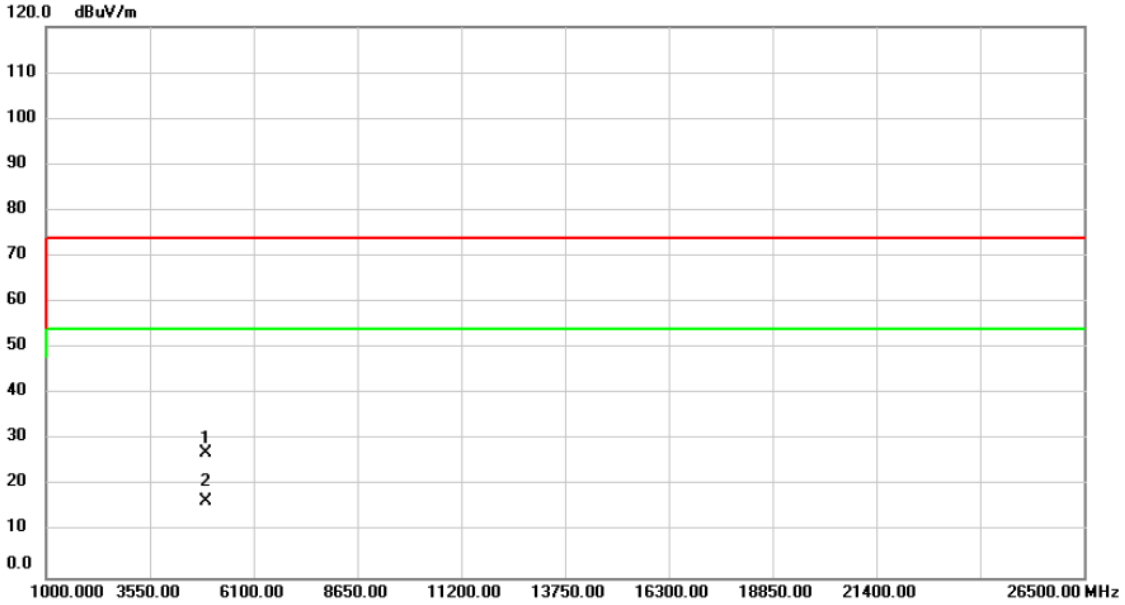
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/17
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	45%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	37.74	-8.44	29.30	74.00	-44.70	peak			
2	*	4874.000	24.01	-8.44	15.57	54.00	-38.43	AVG			

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/17
Test Frequency	2452MHz	Polarization	Vertical
Temp	24°C	Hum.	45%



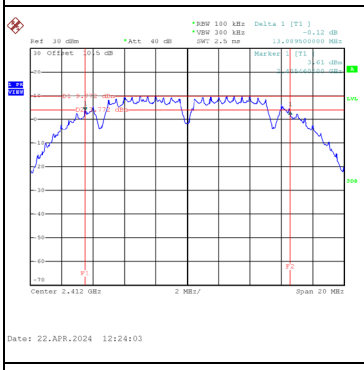
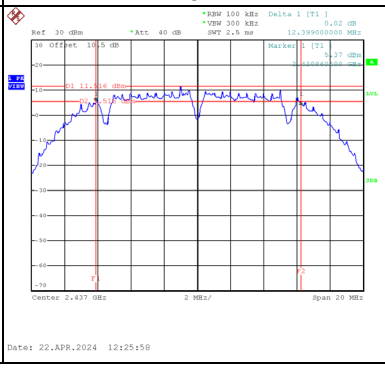
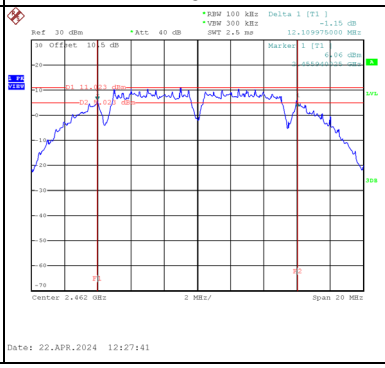
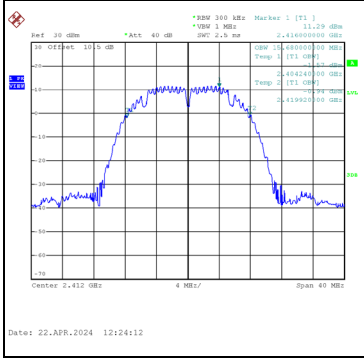
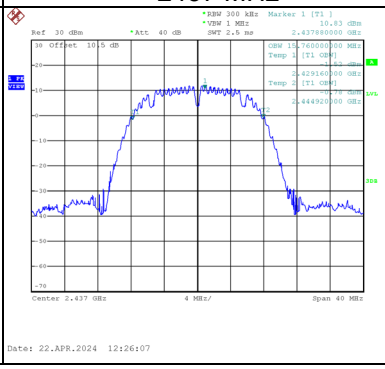
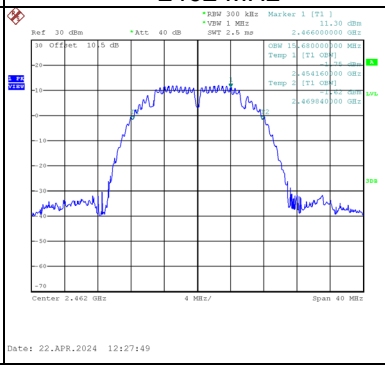
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	35.36	-8.33	27.03	74.00	-46.97	peak			
2	*	4924.000	24.84	-8.33	16.51	54.00	-37.49	AVG			

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

APPENDIX D BANDWIDTH

Test Mode	IEEE 802.11b

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	13.090	15.680	≥ 500	Pass
2437	12.399	15.760	≥ 500	Pass
2462	12.110	15.680	≥ 500	Pass

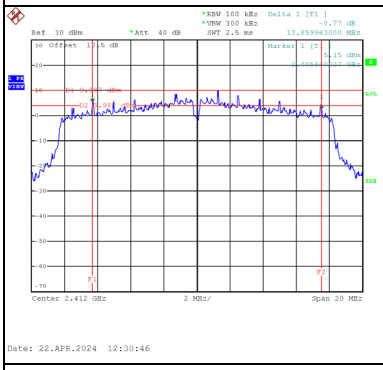
6dB Bandwidth		
2412 MHz	2437 MHz	2462 MHz
		
99% Occupied BW		
2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11g

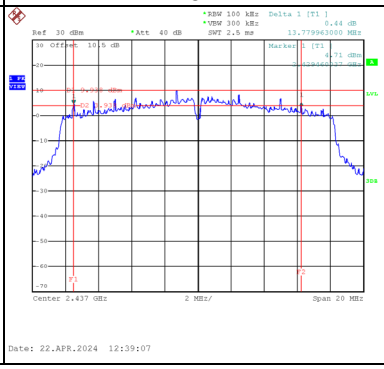
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	13.860	16.240	≥ 500	Pass
2437	13.780	16.240	≥ 500	Pass
2462	12.560	16.160	≥ 500	Pass

6dB Bandwidth

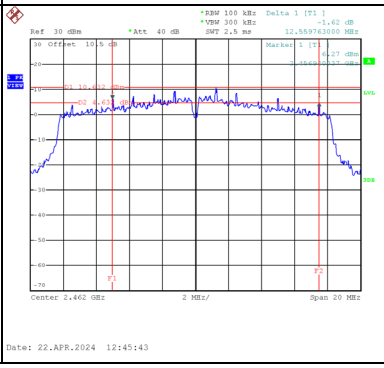
2412 MHz



2437 MHz

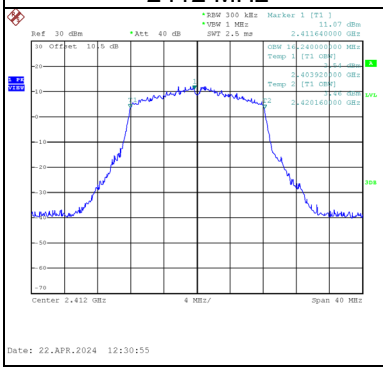


2462 MHz

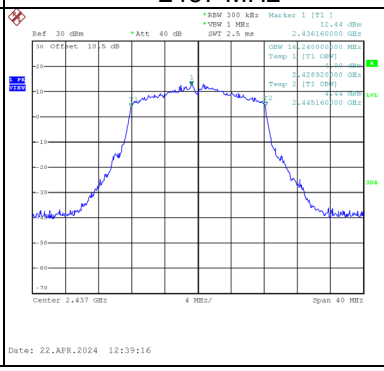


99% Occupied BW

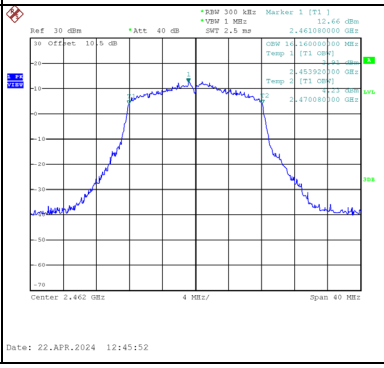
2412 MHz



2437 MHz



2462 MHz

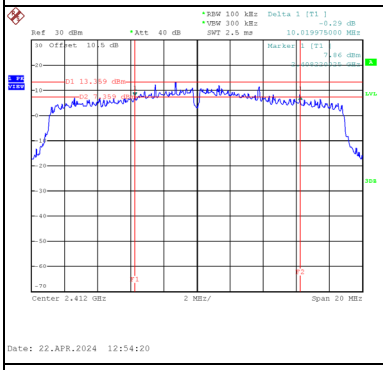


Test Mode	IEEE 802.11n (HT20)

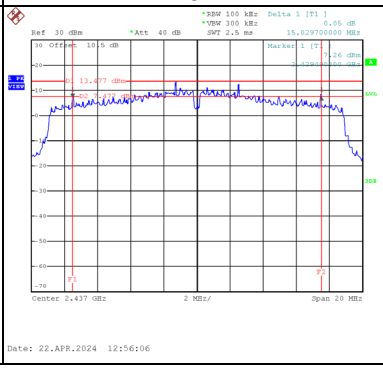
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.020	17.440	≥ 500	Pass
2437	15.030	17.440	≥ 500	Pass
2462	10.020	17.440	≥ 500	Pass

6dB Bandwidth

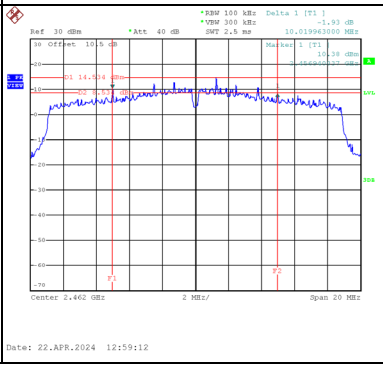
2412 MHz



2437 MHz

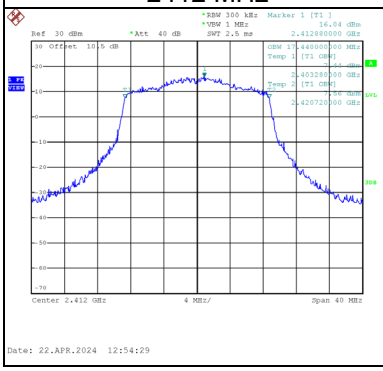


2462 MHz

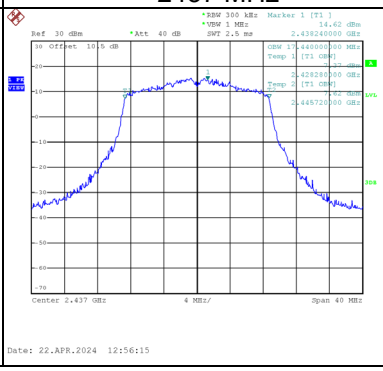


99% Occupied BW

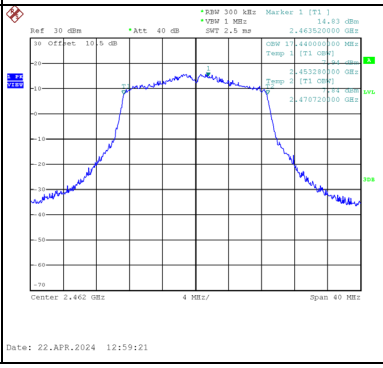
2412 MHz



2437 MHz



2462 MHz

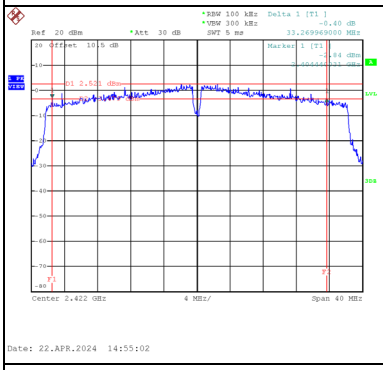


Test Mode	IEEE 802.11n (HT40)

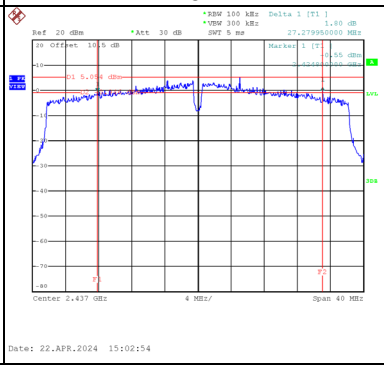
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	33.270	35.680	≥ 500	Pass
2437	27.280	35.680	≥ 500	Pass
2452	32.880	35.680	≥ 500	Pass

6dB Bandwidth

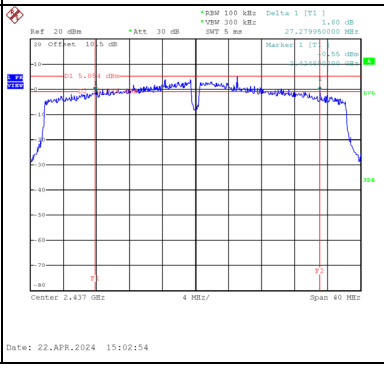
2422 MHz



2437 MHz

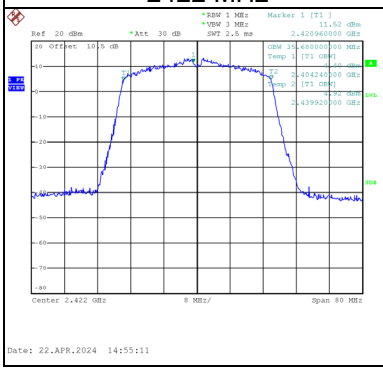


2452 MHz

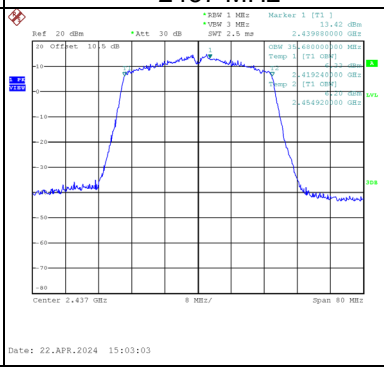


99% Occupied BW

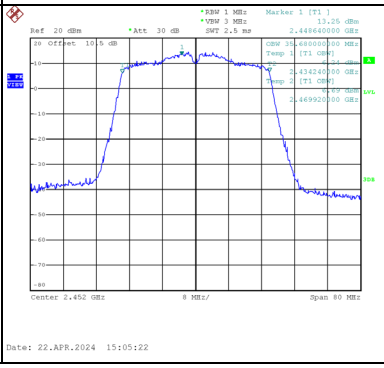
2422 MHz



2437 MHz



2452 MHz

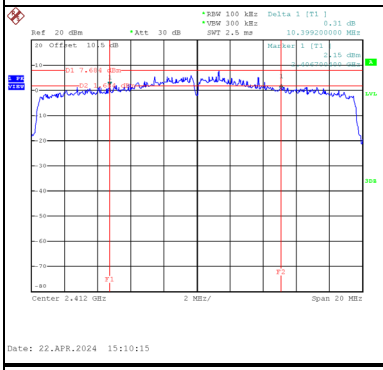


Test Mode	IEEE 802.11ax (HE20)

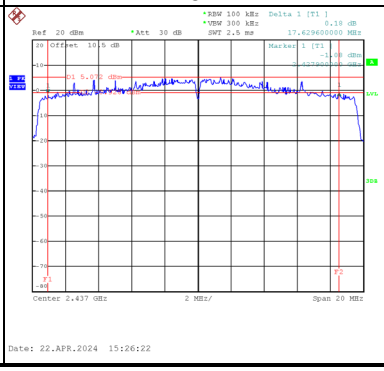
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.399	18.800	≥ 500	Pass
2437	17.630	18.800	≥ 500	Pass
2462	15.900	18.720	≥ 500	Pass

6dB Bandwidth

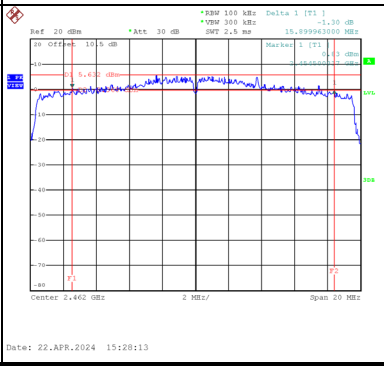
2412 MHz



2437 MHz

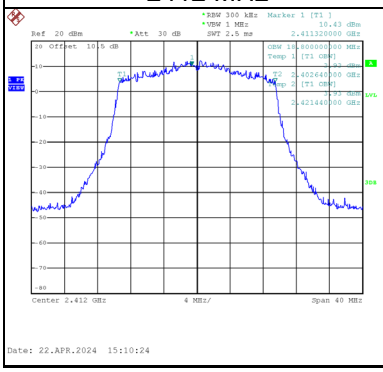


2462 MHz

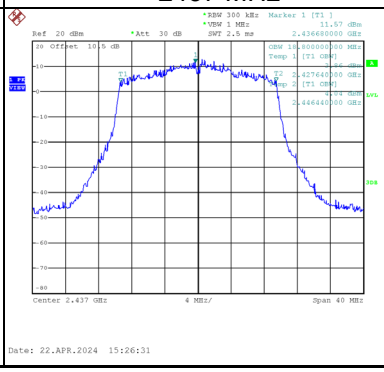


99% Occupied BW

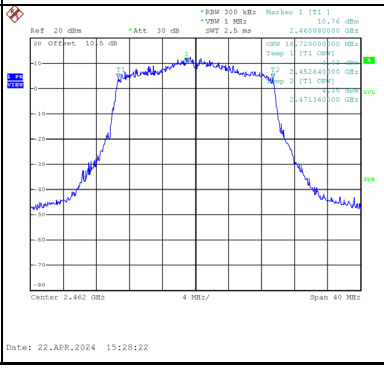
2412 MHz



2437 MHz



2462 MHz

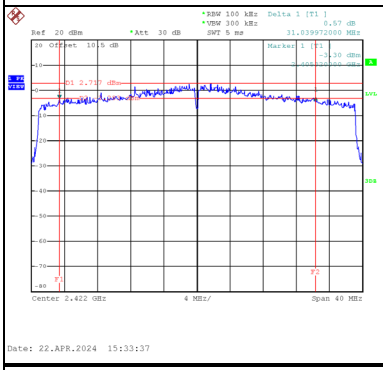


Test Mode	IEEE 802.11ax (HE40)

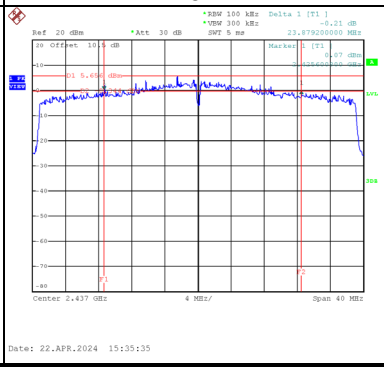
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	31.040	37.440	≥ 500	Pass
2437	23.879	37.280	≥ 500	Pass
2452	31.840	37.280	≥ 500	Pass

6dB Bandwidth

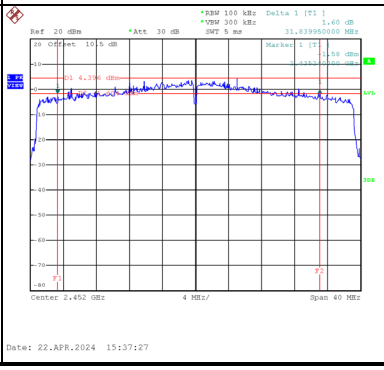
2422 MHz



2437 MHz

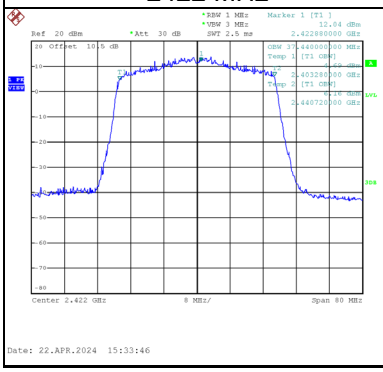


2452 MHz

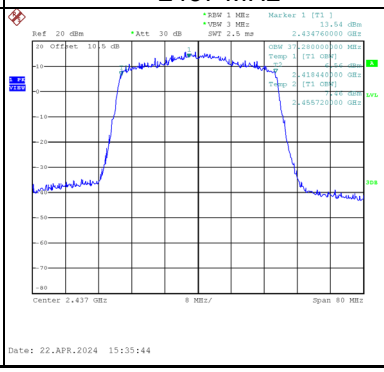


99% Occupied BW

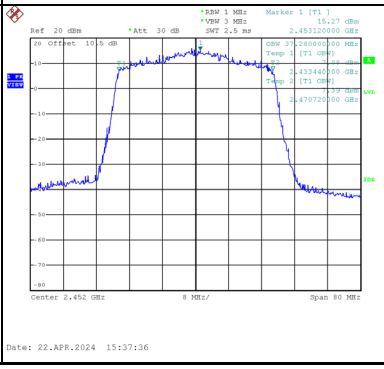
2422 MHz



2437 MHz



2452 MHz



APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_Ant.1	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	21.16	0.1306	2.31	23.47	0.2223	30.00	1.0000	Complies
2437	21.23	0.1327	2.31	23.54	0.2259	30.00	1.0000	Complies
2462	21.60	0.1445	2.31	23.91	0.2460	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Ant.2	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	21.58	0.1439	2.31	23.89	0.2449	30.00	1.0000	Complies
2437	21.68	0.1472	2.31	23.99	0.2506	30.00	1.0000	Complies
2462	21.52	0.1419	2.31	23.83	0.2415	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Total	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	26.70	0.4677	30.00	1.0000	Complies
2437	26.78	0.4764	30.00	1.0000	Complies
2462	26.88	0.4875	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Ant.1	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	20.35	0.1084	0.22	20.57	0.1140	30.00	1.0000	Complies
2437	20.86	0.1219	0.22	21.08	0.1282	30.00	1.0000	Complies
2462	20.42	0.1102	0.22	20.64	0.1159	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Ant.2	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	20.11	0.1026	0.22	20.33	0.1079	30.00	1.0000	Complies
2437	20.12	0.1028	0.22	20.34	0.1081	30.00	1.0000	Complies
2462	19.72	0.0938	0.22	19.94	0.0986	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Total	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.47	0.2223	30.00	1.0000	Complies
2437	23.74	0.2366	30.00	1.0000	Complies
2462	23.32	0.2148	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Ant.1	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	20.22	0.1052	0.57	20.79	0.1199	30.00	1.0000	Complies
2437	19.61	0.0914	0.57	20.18	0.1042	30.00	1.0000	Complies
2462	19.50	0.0891	0.57	20.07	0.1016	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Ant.2	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	20.17	0.1040	0.57	20.74	0.1186	30.00	1.0000	Complies
2437	19.91	0.0979	0.57	20.48	0.1117	30.00	1.0000	Complies
2462	19.93	0.0984	0.57	20.50	0.1122	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.77	0.2382	30.00	1.0000	Complies
2437	23.34	0.2158	30.00	1.0000	Complies
2462	23.30	0.2138	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Ant.1	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	16.99	0.0500	1.03	18.02	0.0634	30.00	1.0000	Complies
2437	19.06	0.0805	1.03	20.09	0.1021	30.00	1.0000	Complies
2462	19.12	0.0817	1.03	20.15	0.1035	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Ant.2	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	17.65	0.0582	1.03	18.68	0.0738	30.00	1.0000	Complies
2437	19.39	0.0869	1.03	20.42	0.1102	30.00	1.0000	Complies
2462	19.54	0.0899	1.03	20.57	0.1140	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.37	0.1371	30.00	1.0000	Complies
2437	23.26	0.2118	30.00	1.0000	Complies
2462	23.37	0.2173	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Ant.1	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	19.77	0.0948	0.46	20.23	0.1054	30.00	1.0000	Complies
2437	19.04	0.0802	0.46	19.50	0.0891	30.00	1.0000	Complies
2462	19.47	0.0885	0.46	19.93	0.0984	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Ant.2	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	20.23	0.1054	0.46	20.69	0.1172	30.00	1.0000	Complies
2437	19.90	0.0977	0.46	20.36	0.1086	30.00	1.0000	Complies
2462	19.84	0.0964	0.46	20.30	0.1072	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.47	0.2223	30.00	1.0000	Complies
2437	22.96	0.1977	30.00	1.0000	Complies
2462	23.13	0.2056	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_Ant.1	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	17.62	0.0578	0.41	18.03	0.0635	30.00	1.0000	Complies
2437	19.06	0.0805	0.41	19.47	0.0885	30.00	1.0000	Complies
2462	18.87	0.0771	0.41	19.28	0.0847	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_Ant.2	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Duty Factor	Conducted Power + Duty Factor (dBm)	Conducted Power + Duty Factor (W)	Limit (dBm)	Limit (W)	Result
2412	18.18	0.0658	0.41	18.59	0.0723	30.00	1.0000	Complies
2437	19.99	0.0998	0.41	20.40	0.1096	30.00	1.0000	Complies
2462	19.13	0.0818	0.41	19.54	0.0899	30.00	1.0000	Complies

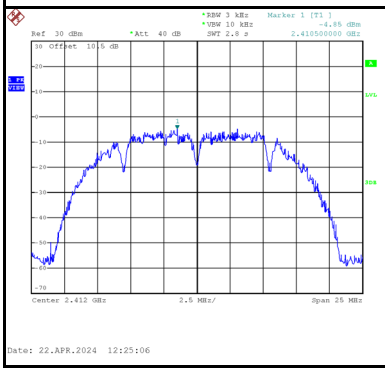
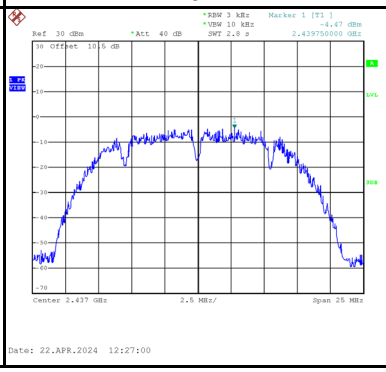
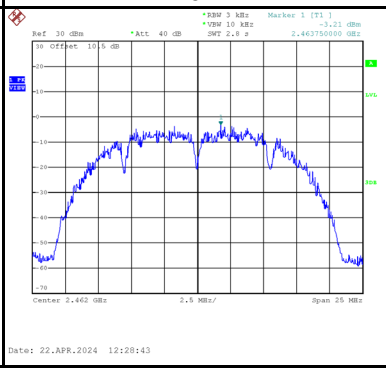
Test Mode	IEEE 802.11ax (HE40)_Total	Tested Date	2024/3/29-2024/4/24

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.32	0.1355	30.00	1.0000	Complies
2437	22.97	0.1982	30.00	1.0000	Complies
2462	22.42	0.1746	30.00	1.0000	Complies

APPENDIX F POWER SPECTRAL DENSITY

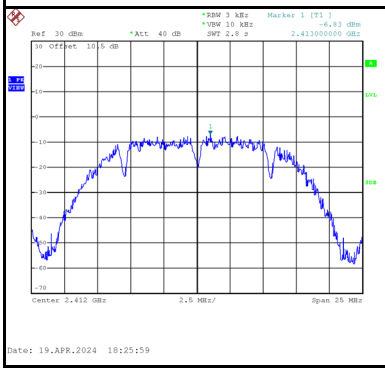
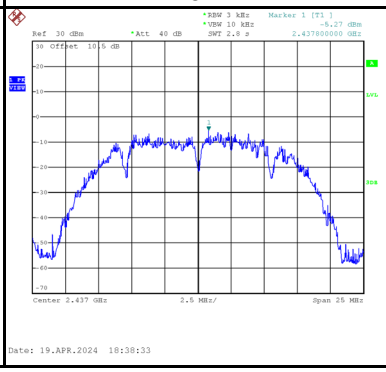
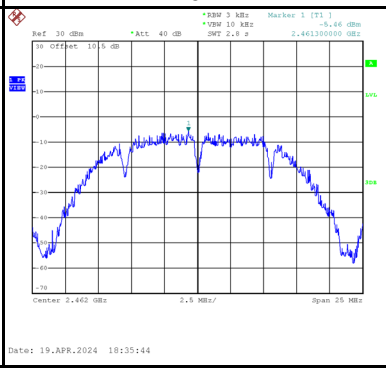
Test Mode	IEEE 802.11b_Ant.1

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-4.85	8.00	Pass
2437	-4.47	8.00	Pass
2462	-3.21	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11b_Ant.2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-6.83	8.00	Pass
2437	-5.27	8.00	Pass
2462	-5.46	8.00	Pass

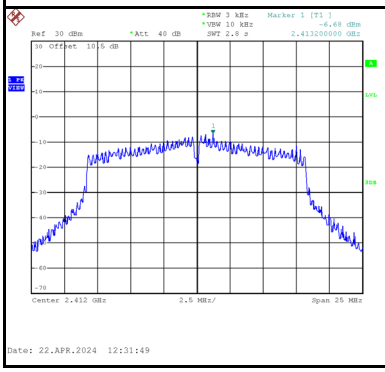
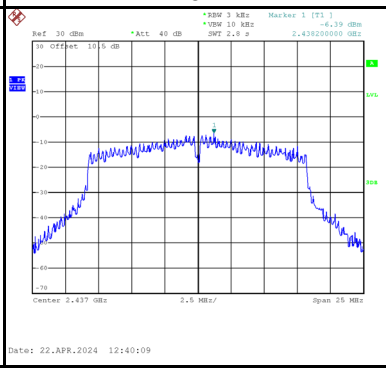
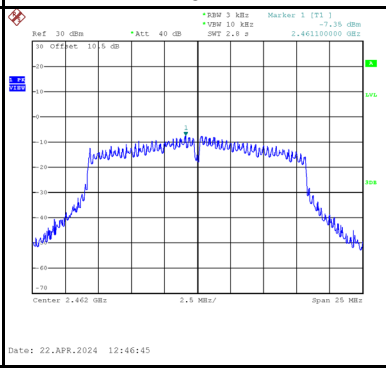
2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11b_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-2.72	8.00	Pass
2437	-1.84	8.00	Pass
2462	-1.18	8.00	Pass

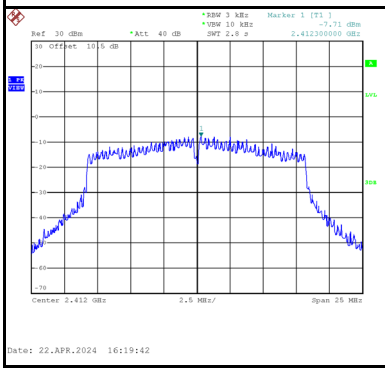
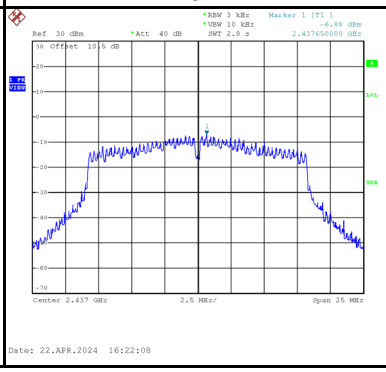
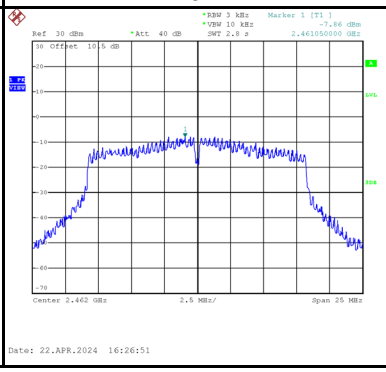
Test Mode	IEEE 802.11g_Ant.1

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-6.68	8.00	Pass
2437	-6.39	8.00	Pass
2462	-7.35	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11g_Ant.2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-7.71	8.00	Pass
2437	-6.88	8.00	Pass
2462	-7.86	8.00	Pass

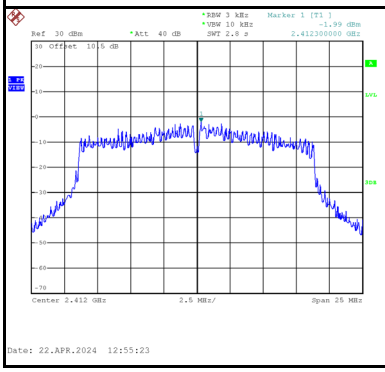
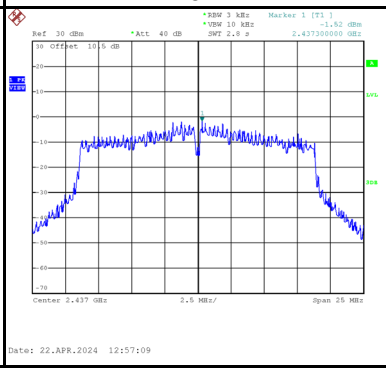
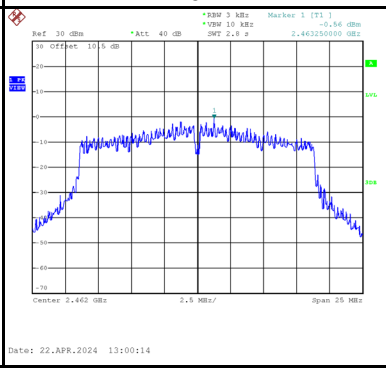
2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11g_Total

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-4.15	8.00	Pass
2437	-3.62	8.00	Pass
2462	-4.59	8.00	Pass

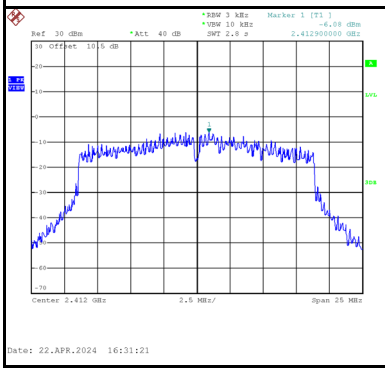
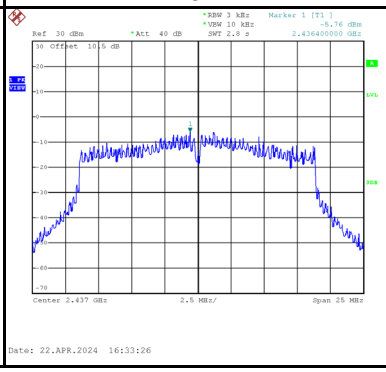
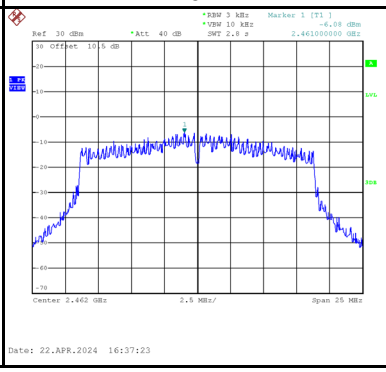
Test Mode	IEEE 802.11n (HT20)_Ant.1

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-1.99	8.00	Pass
2437	-1.52	8.00	Pass
2462	-0.56	8.00	Pass

2412 MHz	2437 MHz	2462 MHz
		

Test Mode	IEEE 802.11n (HT20)_Ant.2

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-6.08	8.00	Pass
2437	-5.76	8.00	Pass
2462	-6.08	8.00	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	-0.56	8.00	Pass
2437	-0.13	8.00	Pass
2462	0.51	8.00	Pass