

FCC Radio Test Report

FCC ID: 2BCGWTX1UNANO

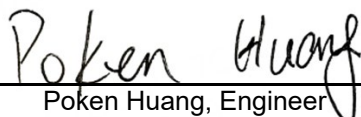
Report No. : BTL-FCCP-1-2405G114
Equipment : AX300 Nano Wi-Fi 6 Wireless USB Adapter
Model Name : Archer TX1U Nano
Brand Name : tp-link
Applicant : TP-LINK CORPORATION PTE. LTD.
Address : 7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

Radio Function : WLAN 2.4 GHz

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s) : ANSI C63.10-2013

Date of Receipt : 2024/7/12
Date of Test : 2024/7/16~2024/9/6
Issued Date : 2024/9/23

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

Prepared by : 
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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.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2405G114	R00	Original Report.	2024/9/6	Invalid
BTL-FCCP-1-2405G114	R01	Revised report to address comments.	2024/9/23	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

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

NOTE:

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

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.

The test location(s) used to collect the test data in this report are:

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

(FCC DN: TW0659)

☒ C06

☒ CB21

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, 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)
C06	CISPR	150 kHz ~ 30 MHz	2.4498

B. Radiated emissions test :

Test Site	Measurement Frequency Range	U (dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.20
	6 GHz ~ 18 GHz	5.50
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

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

NOTE:

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

1.3 TEST ENVIRONMENT CONDITIONS

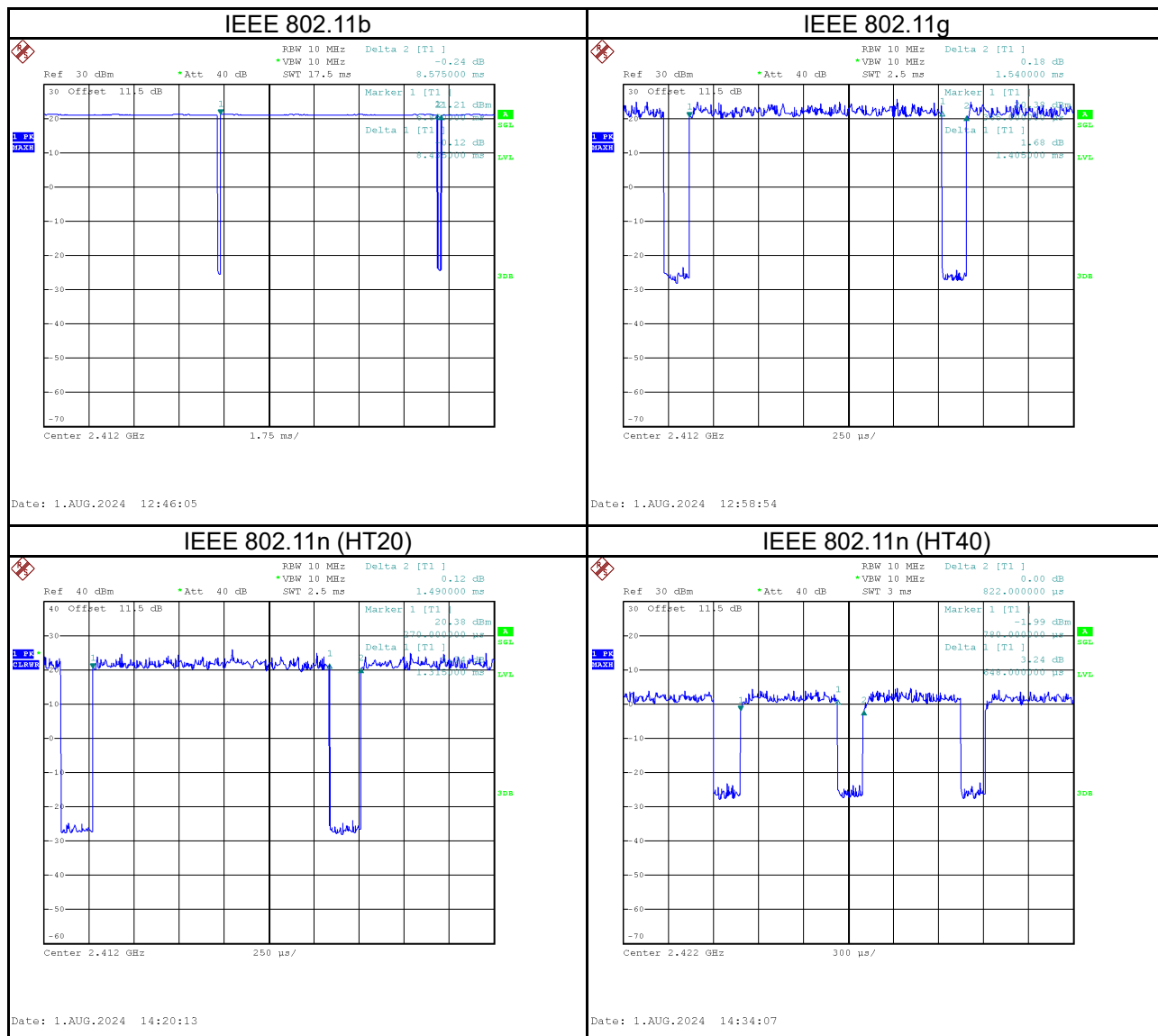
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	DC 5V	Ken Lan
Radiated emissions below 1 GHz	Refer to data	DC 5V	Ken Lan
Radiated emissions above 1 GHz	Refer to data	DC 5V	Barry Tsui
Bandwidth	25°C, 45%	DC 5V	Jerry Chuang
Output Power	24°C, 45%	DC 5V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

1.4 DUTY CYCLE

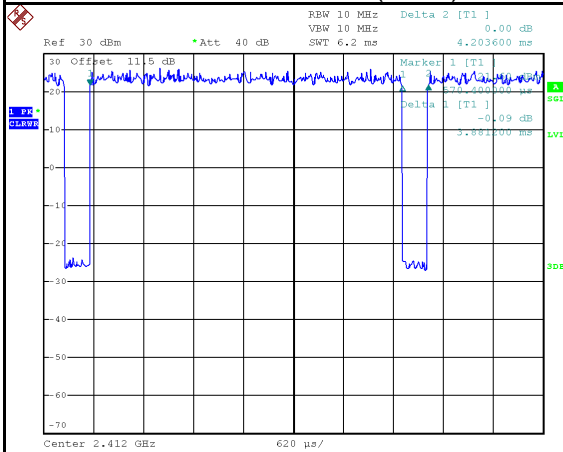
If duty cycle is $\geq 98\%$, duty factor is not required.

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	8.435	1	8.435	8.575	98.37%	0.00
IEEE 802.11g	1.405	1	1.405	1.540	91.23%	0.40
IEEE 802.11n (HT20)	1.315	1	1.315	1.490	88.26%	0.54
IEEE 802.11n (HT40)	0.648	1	0.648	0.822	78.83%	1.03
IEEE 802.11ax (HE20)	3.881	1	3.881	4.204	92.32%	0.35
IEEE 802.11ax (HE40)	3.888	1	3.888	4.446	87.45%	0.58

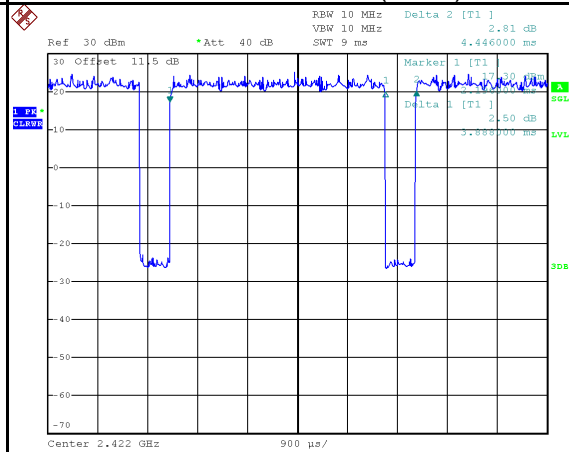


IEEE 802.11ax (HE20)



Date: 1.AUG.2024 15:12:02

IEEE 802.11ax (HE40)



Date: 1.AUG.2024 15:24:56

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	AX300 Nano Wi-Fi 6 Wireless USB Adapter
Model Name	Archer TX1U Nano
Brand Name	tp-link
Model Difference	N/A
Software Version	1.0
Hardware Version	1.0
Power Source	Supplied from PC USB port.
Power Rating	DC 5V
Products Covered	N/A
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 150 Mbps IEEE 802.11ax: up to 286.8 Mbps
Output Power Max.	IEEE 802.11b: 19.87 dBm (0.0971 W)
Test Model	Archer TX1U Nano
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

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

(2) Channel List:

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

(3) Table for Filed Antenna:

Ant.	Manufacturer	P/N	Type	Connector	Frequency Range (MHz)	Gain (dBi)
1	TP-LINK CORPORATION PTE. LTD.	6035500226	PIFA	N/A	2410-2480	0.96

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

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_ IEEE 802.11b	01	-
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)		
Transmitter Radiated Emissions (above 18GHz)	TX Mode_ IEEE 802.11b	01	-
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)		

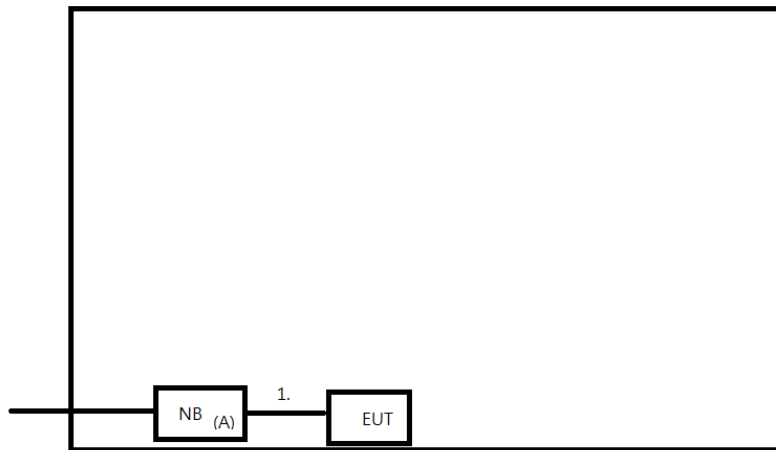
NOTE:

- (1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (2) For radiated spurious emissions(below 1GHz& above 18GHz), only tested the worst case(TX Mode_ IEEE 802.11b Channel 01) and recorded.
- (3) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
- (4) For IEEE 802.11ax modes, refer to TCB Workshop presentations on October 3, 2018, after evaluated, all testing are performed under fully loaded conditions (Full RU). In the test data, only the partially loaded conditions data are marked with tones.

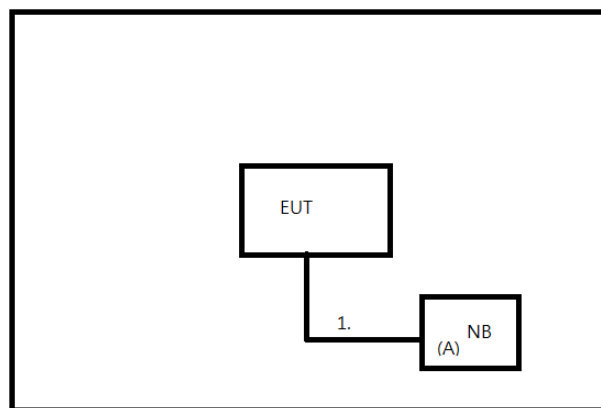
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	dynabook	TECRAA40-J	41029329H	Furnished by test lab.

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

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

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

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

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

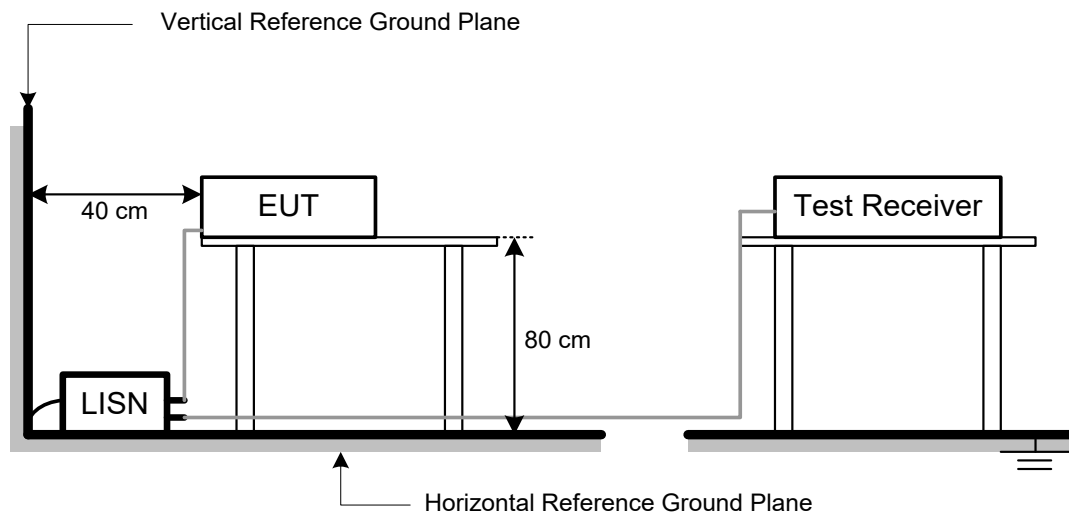
NOTE:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

NOTE:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level (dBuV)		Correct Factor (dB/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

Mode	VBW(Hz)
IEEE 802.11b	1.8k
IEEE 802.11g	750
IEEE 802.11n (HT20)	300
IEEE 802.11n (HT40)	300
IEEE 802.11ax (HE20)	300
IEEE 802.11ax (HE40)	300

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

4.2 TEST PROCEDURE

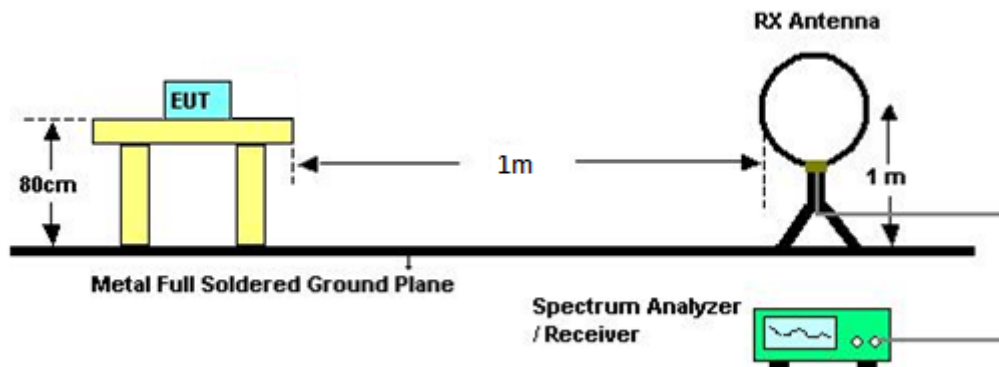
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 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)
- 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.
- 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).
- 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.
- 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.
- 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)
- 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)
- For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

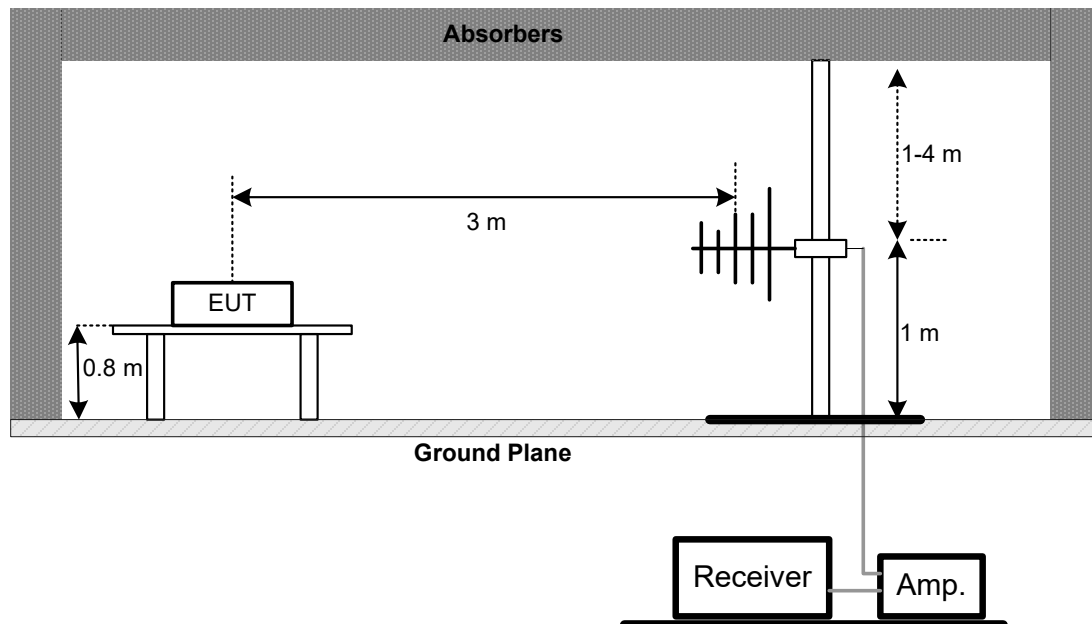
No deviation.

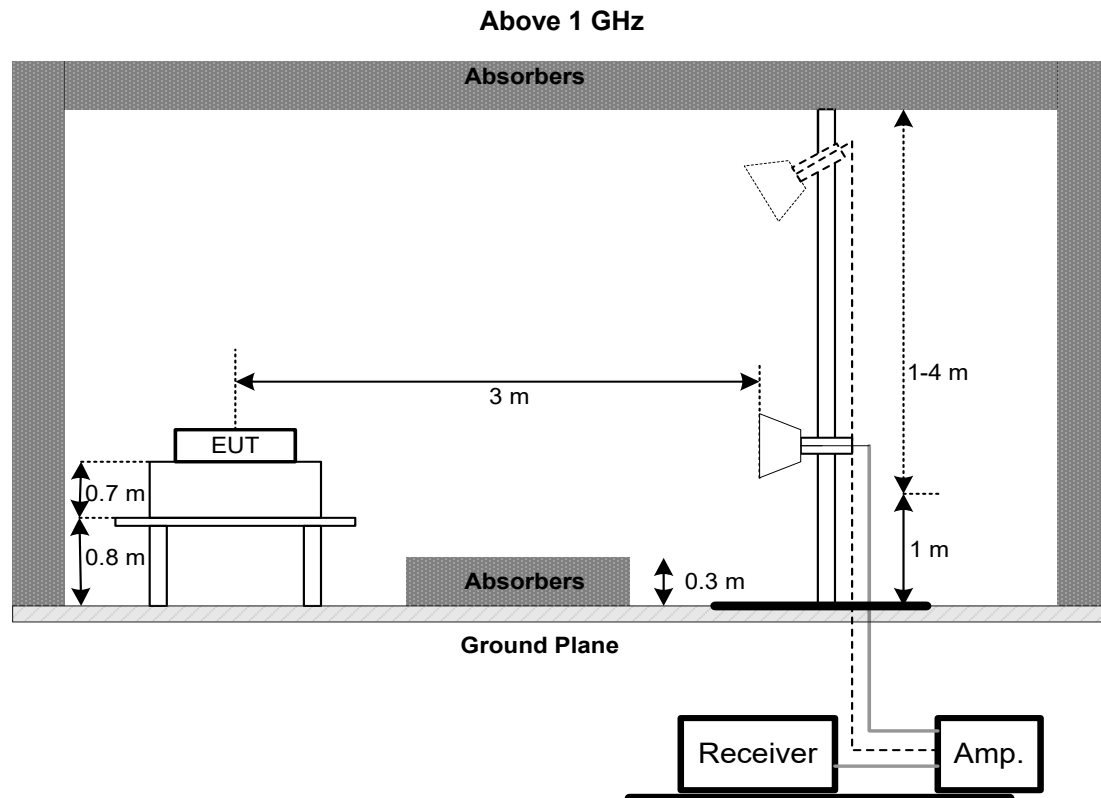
4.4 TEST SETUP

9 kHz to 30 MHz



30 MHz to 1 GHz





4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

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

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- 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

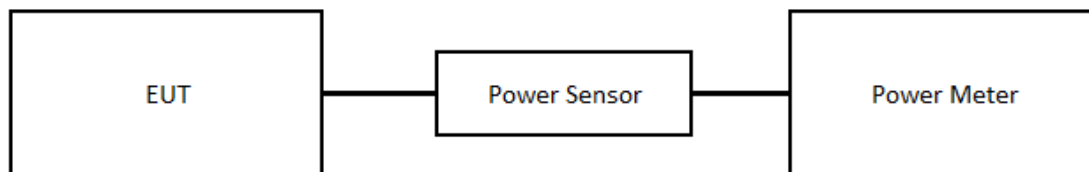
6.2 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- The maximum peak conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.
- 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)

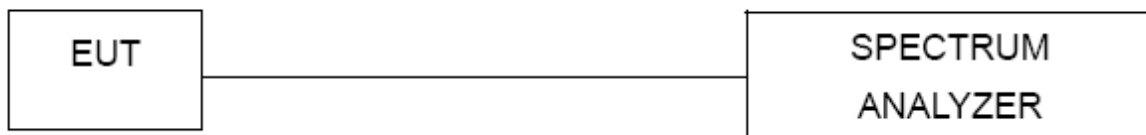
7.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- 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

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting: RBW = 100 kHz, VBW=300 kHz, Sweep time = Auto.
- 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	101521	2023/9/13	2024/9/12
2	Test Cable	EMCI	EMCCFD300-BM-BMR-5000	220331	2024/3/29	2025/3/28
3	EMI Test Receiver	R&S	ESR 7	101433	2023/11/10	2024/11/9
4	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2024/5/9	2025/5/8
2	Pre-Amplifier	EMCI	EMC118A45SE	980819	2024/3/6	2025/3/5
3	Test Cable	EMCI	EMC104-SM-1000	180809	2024/3/8	2025/3/8
4	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2024/3/8	2025/3/8
5	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2024/3/8	2025/3/8
6	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2024/5/17	2025/5/17
7	Pre-Amplifier	EMCI	EMC184045SE	980907	2023/9/21	2024/9/20
8	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2024/3/13	2025/3/13
9	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2024/3/13	2025/3/13
10	EXA Spectrum Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22
11	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2024/6/14	2025/6/13
12	EXA Spectrum Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22
13	Pre-Amplifier	EMCI	EMC330N	980850	2023/9/6	2024/9/5
14	Test Cable	EMCI	EMC104-SM-1000	180809	2024/3/8	2025/3/8
15	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2024/3/8	2025/3/8
16	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2024/3/8	2025/3/8
17	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	BTL-ConducredTest	N/A	1247788684	N/A	N/A	N/A

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Power Meter	Anritsu	ML2495A	1128008	2024/5/11	2025/5/10
2	Power Sensor	Anritsu	MA2411B	1126001	2024/5/11	2025/5/10

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	BTL-ConducredTest	N/A	1247788684	N/A	N/A	N/A

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	BTL-ConducredTest	N/A	1247788684	N/A	N/A	N/A

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

10 EUT TEST PHOTO

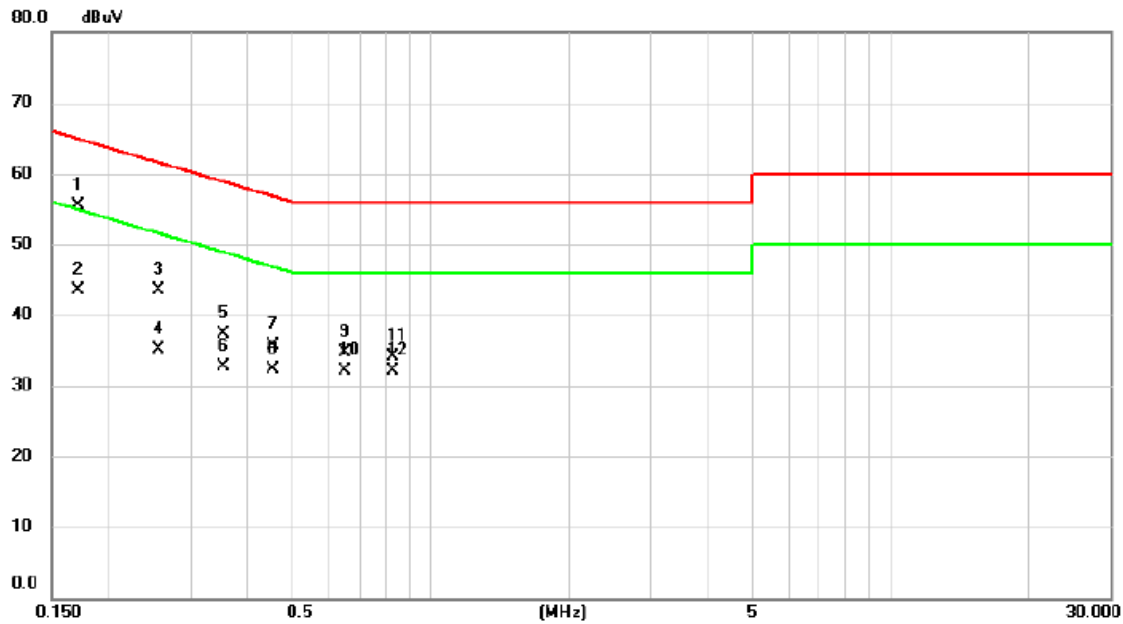
Please refer to document Appendix No.: TP-2405G114-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2405G114-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2024/8/7
Test Frequency	-	Phase	Line



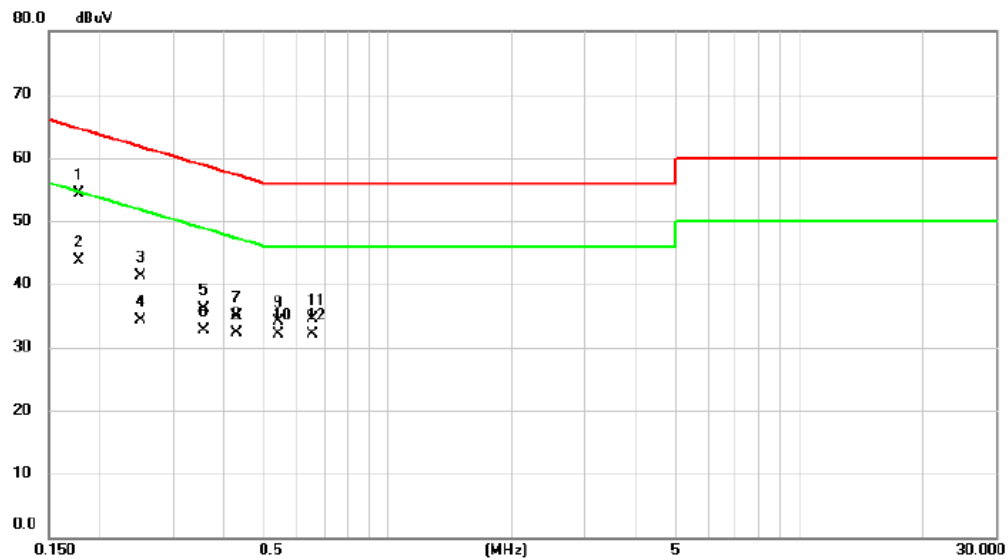
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1706	45.76	9.65	55.41	64.93	-9.52	QP	
2		0.1706	33.80	9.65	43.45	54.93	-11.48	AVG	
3		0.2564	33.78	9.64	43.42	61.55	-18.13	QP	
4		0.2564	25.56	9.64	35.20	51.55	-16.35	AVG	
5		0.3543	27.73	9.65	37.38	58.86	-21.48	QP	
6		0.3543	23.13	9.65	32.78	48.86	-16.08	AVG	
7		0.4521	26.04	9.66	35.70	56.84	-21.14	QP	
8		0.4521	22.70	9.66	32.36	46.84	-14.48	AVG	
9		0.6485	24.94	9.67	34.61	56.00	-21.39	QP	
10		0.6485	22.46	9.67	32.13	46.00	-13.87	AVG	
11		0.8240	24.32	9.69	34.01	56.00	-21.99	QP	
12		0.8240	22.43	9.69	32.12	46.00	-13.88	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	Normal	Tested Date	2024/8/7
Test Frequency	-	Phase	Neutral

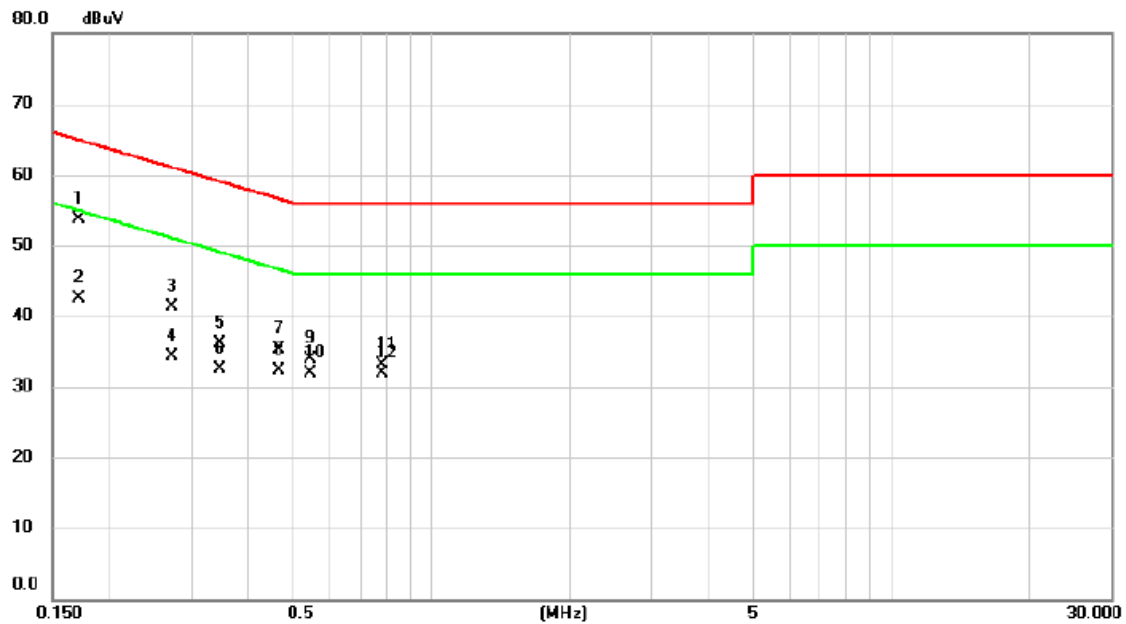


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1768	44.65	9.63	54.28	64.63	-10.35	QP	
2		0.1768	34.08	9.63	43.71	54.63	-10.92	AVG	
3		0.2501	31.61	9.63	41.24	61.75	-20.51	QP	
4		0.2501	24.60	9.63	34.23	51.75	-17.52	AVG	
5		0.3558	26.49	9.63	36.12	58.83	-22.71	QP	
6		0.3558	23.10	9.63	32.73	48.83	-16.10	AVG	
7		0.4270	25.18	9.64	34.82	57.31	-22.49	QP	
8		0.4270	22.65	9.64	32.29	47.31	-15.02	AVG	
9		0.5404	24.47	9.64	34.11	56.00	-21.89	QP	
10		0.5404	22.44	9.64	32.08	46.00	-13.92	AVG	
11		0.6530	24.89	9.65	34.54	56.00	-21.46	QP	
12		0.6530	22.44	9.65	32.09	46.00	-13.91	AVG	

EMARKS:

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

Test Mode	Idle	Tested Date	2024/8/7
Test Frequency	-	Phase	Line

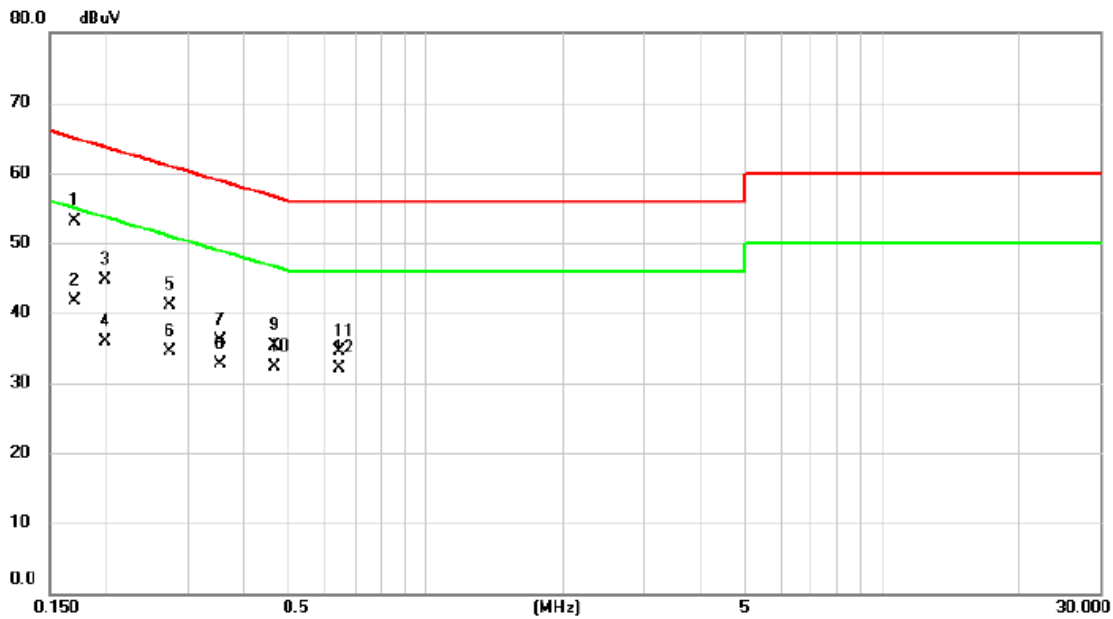


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1710	44.13	9.65	53.78	64.91	-11.13	QP	
2		0.1710	32.88	9.65	42.53	54.91	-12.38	AVG	
3		0.2731	31.67	9.64	41.31	61.02	-19.71	QP	
4		0.2731	24.73	9.64	34.37	51.02	-16.65	AVG	
5		0.3467	26.45	9.65	36.10	59.04	-22.94	QP	
6		0.3467	22.92	9.65	32.57	49.04	-16.47	AVG	
7		0.4653	25.56	9.66	35.22	56.60	-21.38	QP	
8		0.4653	22.60	9.66	32.26	46.60	-14.34	AVG	
9		0.5450	24.33	9.66	33.99	56.00	-22.01	QP	
10		0.5450	22.34	9.66	32.00	46.00	-14.00	AVG	
11		0.7790	23.51	9.68	33.19	56.00	-22.81	QP	
12		0.7790	22.28	9.68	31.96	46.00	-14.04	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2024/8/7
Test Frequency	-	Phase	Neutral



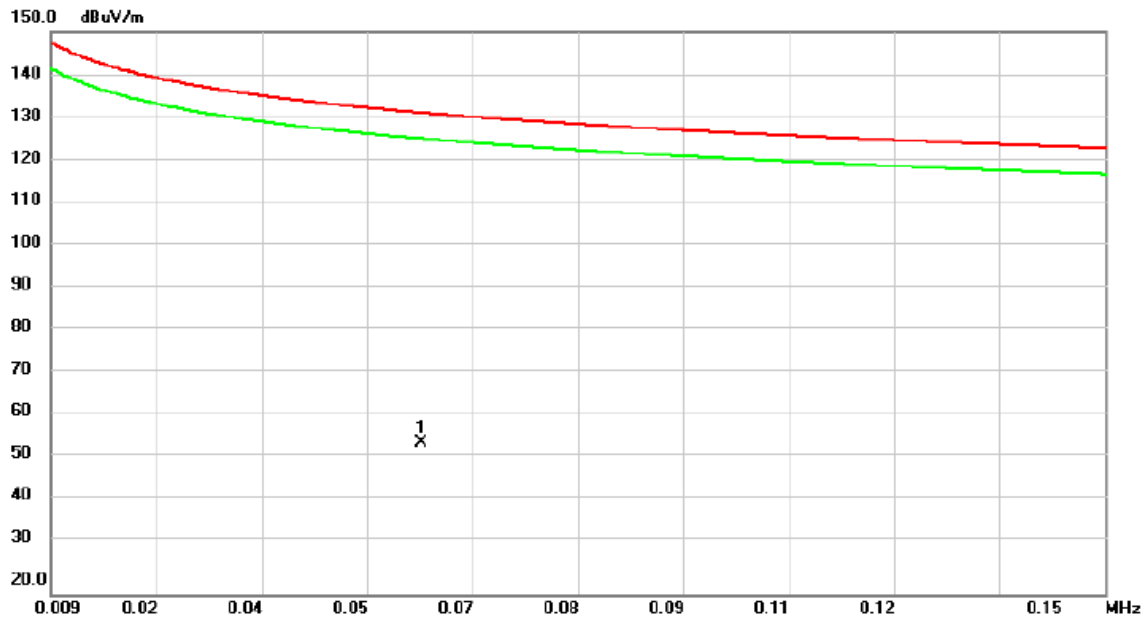
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1703	43.38	9.63	53.01	64.95	-11.94	QP	
2		0.1703	32.01	9.63	41.64	54.95	-13.31	AVG	
3		0.1983	35.10	9.63	44.73	63.68	-18.95	QP	
4		0.1983	26.26	9.63	35.89	53.68	-17.79	AVG	
5		0.2746	31.54	9.63	41.17	60.98	-19.81	QP	
6		0.2746	24.87	9.63	34.50	50.98	-16.48	AVG	
7		0.3540	26.42	9.63	36.05	58.87	-22.82	QP	
8		0.3540	22.99	9.63	32.62	48.87	-16.25	AVG	
9		0.4647	25.59	9.64	35.23	56.61	-21.38	QP	
10		0.4647	22.62	9.64	32.26	46.61	-14.35	AVG	
11		0.6440	24.92	9.65	34.57	56.00	-21.43	QP	
12		0.6440	22.49	9.65	32.14	46.00	-13.86	AVG	

REMARKS:

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

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

Test Mode	IEEE 802.11b	Test Date	2024/7/18
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	54%

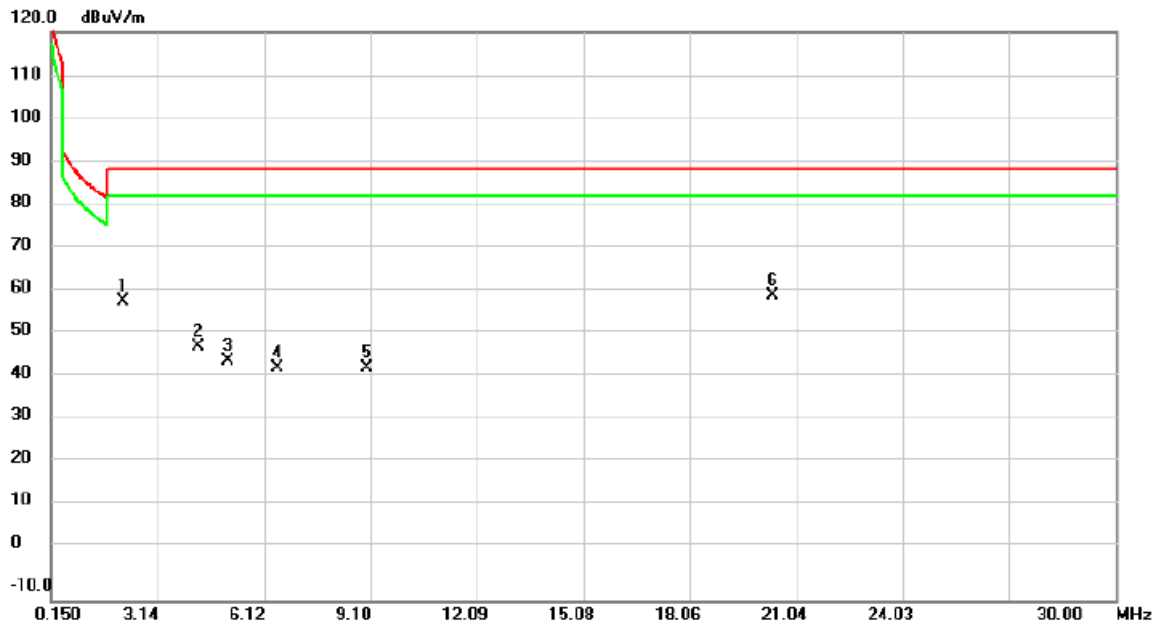


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1	*	0.0585	32.71	22.23	54.94	131.34	-76.40	peak

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/7/18
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	54%

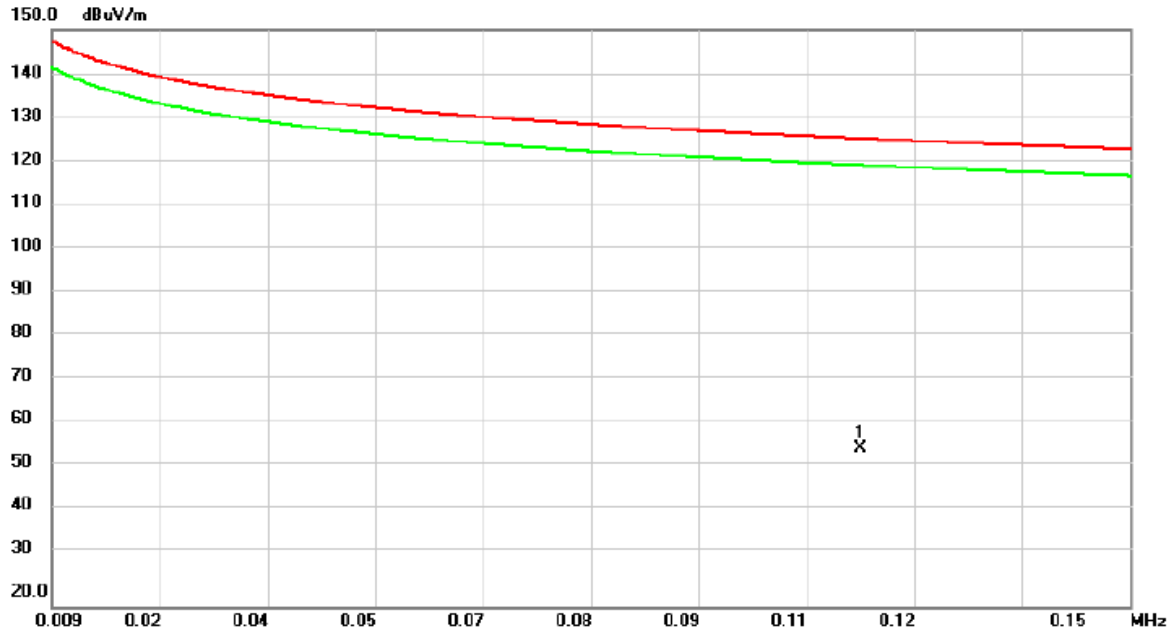


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2.1400	60.45	-2.02	58.43	88.62	-30.19	peak	
2		4.2514	52.28	-4.16	48.12	88.62	-40.50	peak	
3		5.1051	49.24	-4.38	44.86	88.62	-43.76	peak	
4		6.5100	47.15	-4.04	43.11	88.62	-45.51	peak	
5		9.0085	46.39	-3.41	42.98	88.62	-45.64	peak	
6	*	20.3813	63.70	-3.91	59.79	88.62	-28.83	peak	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	54%

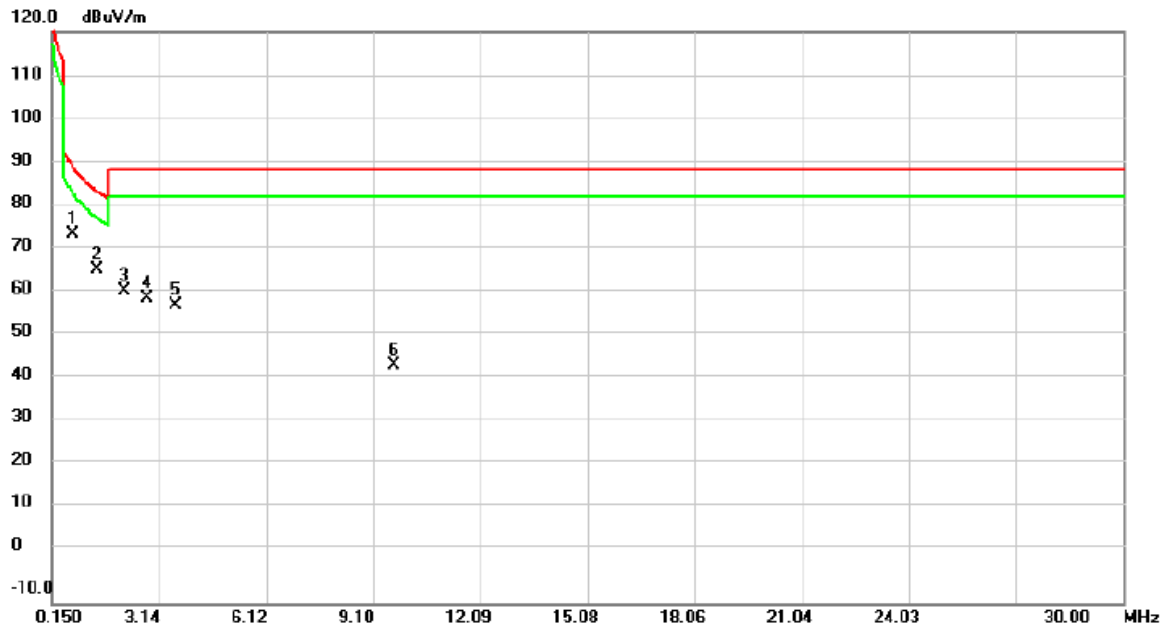


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.1148	39.63	16.00	55.63	125.49	-69.86	peak	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	54%



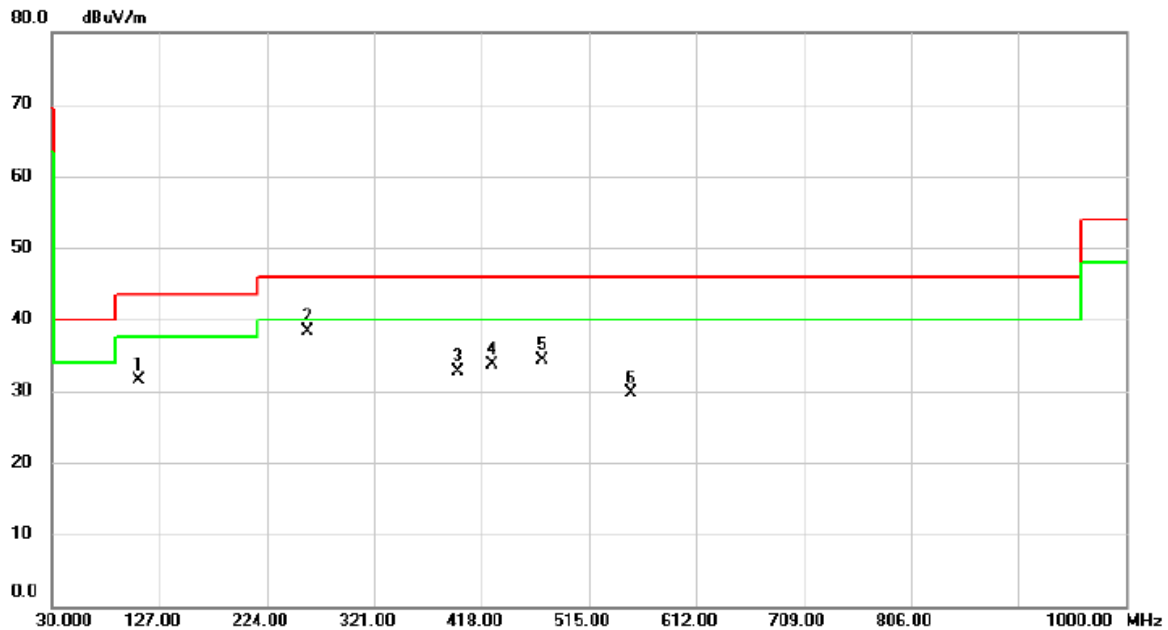
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.7122	70.51	3.40	73.91	89.63	-15.72	peak	
2		1.4117	66.14	-0.20	65.94	83.68	-17.74	peak	
3		2.1450	62.90	-2.03	60.87	88.62	-27.75	peak	
4		2.7887	62.59	-3.33	59.26	88.62	-29.36	peak	
5		3.5748	61.60	-3.93	57.67	88.62	-30.95	peak	
6		9.6622	47.40	-3.25	44.15	88.62	-44.47	peak	

REMARKS:

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

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11b	Test Date	2024/7/18
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	54%

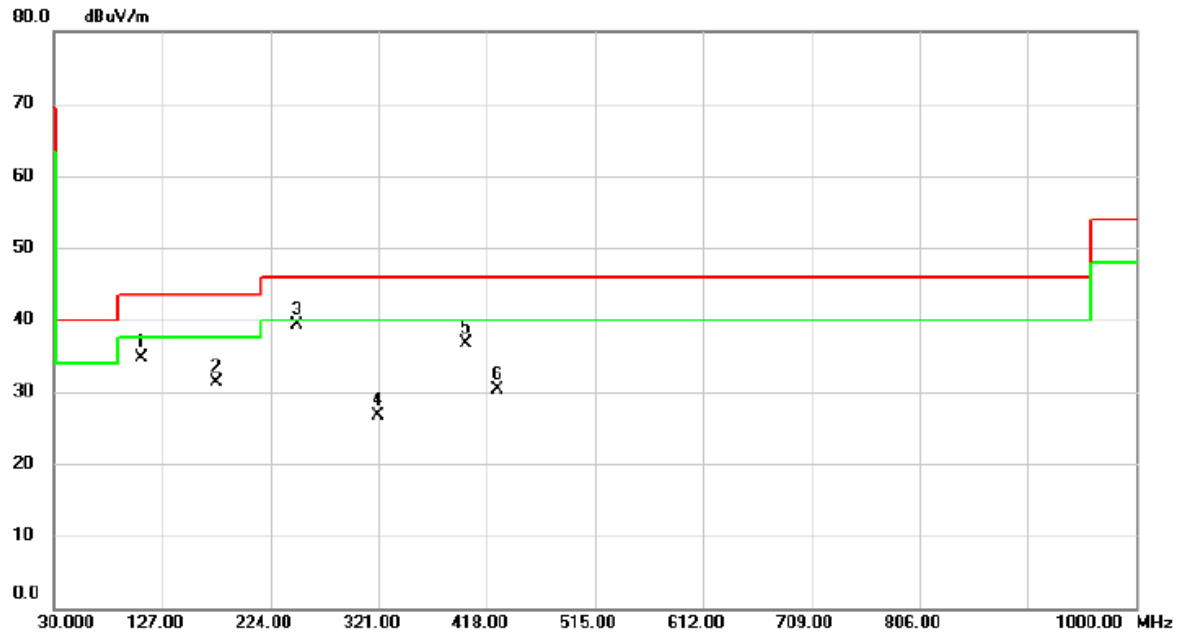


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		107.8587	47.09	-15.56	31.53	43.50	-11.97	peak	
2	*	260.8277	51.39	-12.99	38.40	46.00	-7.60	peak	
3		396.9510	41.72	-9.07	32.65	46.00	-13.35	peak	
4		427.7970	41.77	-8.10	33.67	46.00	-12.33	peak	
5		472.3200	41.30	-7.07	34.23	46.00	-11.77	peak	
6		553.6383	35.36	-5.65	29.71	46.00	-16.29	peak	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	54%



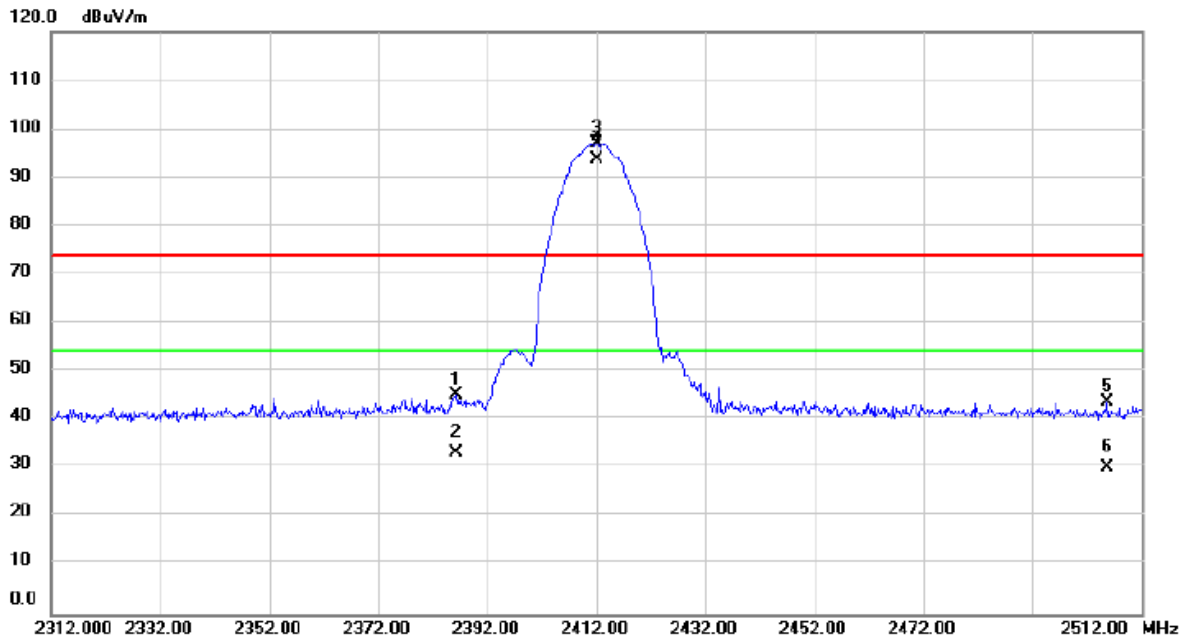
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		108.2143	50.24	-15.51	34.73	43.50	-8.77	peak	
2		175.0473	44.28	-13.04	31.24	43.50	-12.26	peak	
3	*	248.4117	52.64	-13.33	39.31	46.00	-6.69	peak	
4		319.7067	37.75	-11.08	26.67	46.00	-19.33	peak	
5		399.3760	45.61	-9.00	36.61	46.00	-9.39	peak	
6		427.9263	38.37	-8.10	30.27	46.00	-15.73	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	2024/8/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

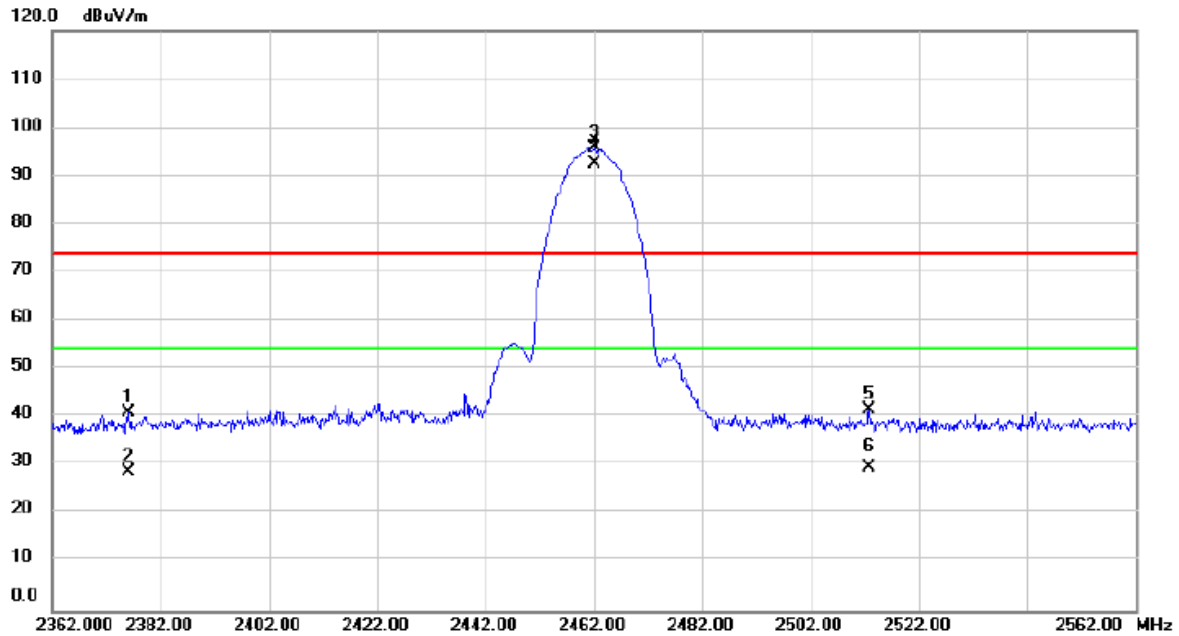


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2386.200	50.12	-5.01	45.11	74.00	-28.89	peak	
2		2386.200	38.09	-5.01	33.08	54.00	-20.92	AVG	
3	X	2412.200	102.15	-4.97	97.18	74.00	23.18	peak	No Limit
4	*	2412.200	98.70	-4.97	93.73	54.00	39.73	AVG	No Limit
5		2505.800	48.41	-4.85	43.56	74.00	-30.44	peak	
6		2505.800	35.04	-4.85	30.19	54.00	-23.81	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

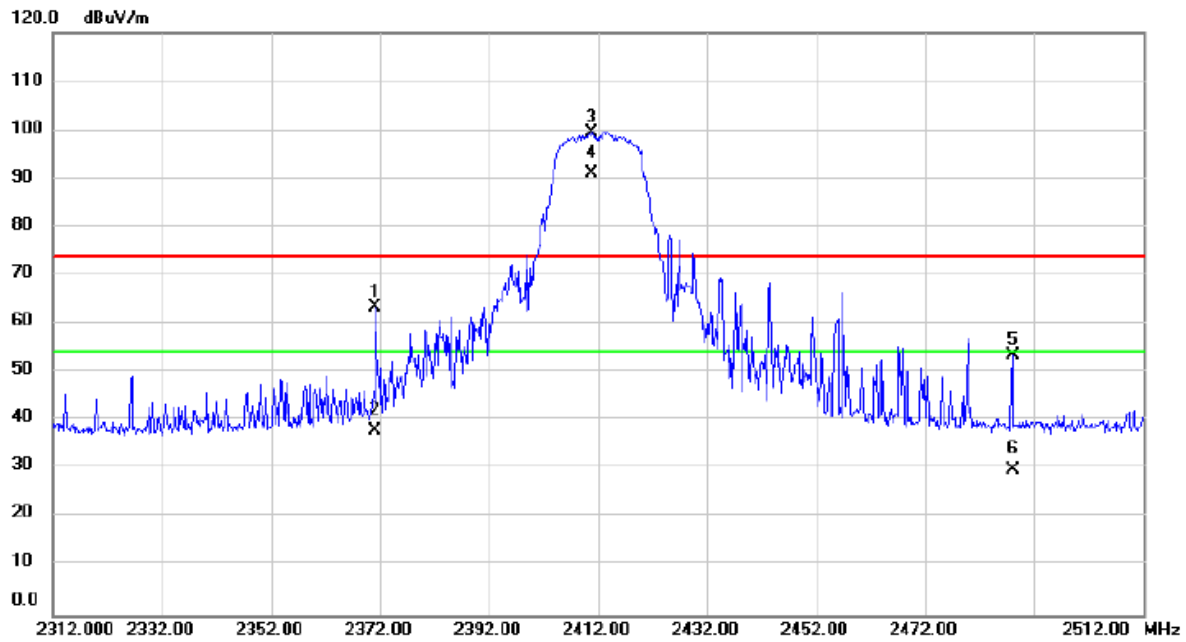


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2376.000	45.84	-5.02	40.82	74.00	-33.18	peak	
2		2376.000	33.79	-5.02	28.77	74.00	-45.23	peak	
3	X	2462.200	100.76	-4.91	95.85	74.00	21.85	peak	No Limit
4	*	2462.200	97.59	-4.91	92.68	54.00	38.68	AVG	No Limit
5		2512.800	46.39	-4.83	41.56	74.00	-32.44	peak	
6		2512.800	34.48	-4.83	29.65	54.00	-24.35	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

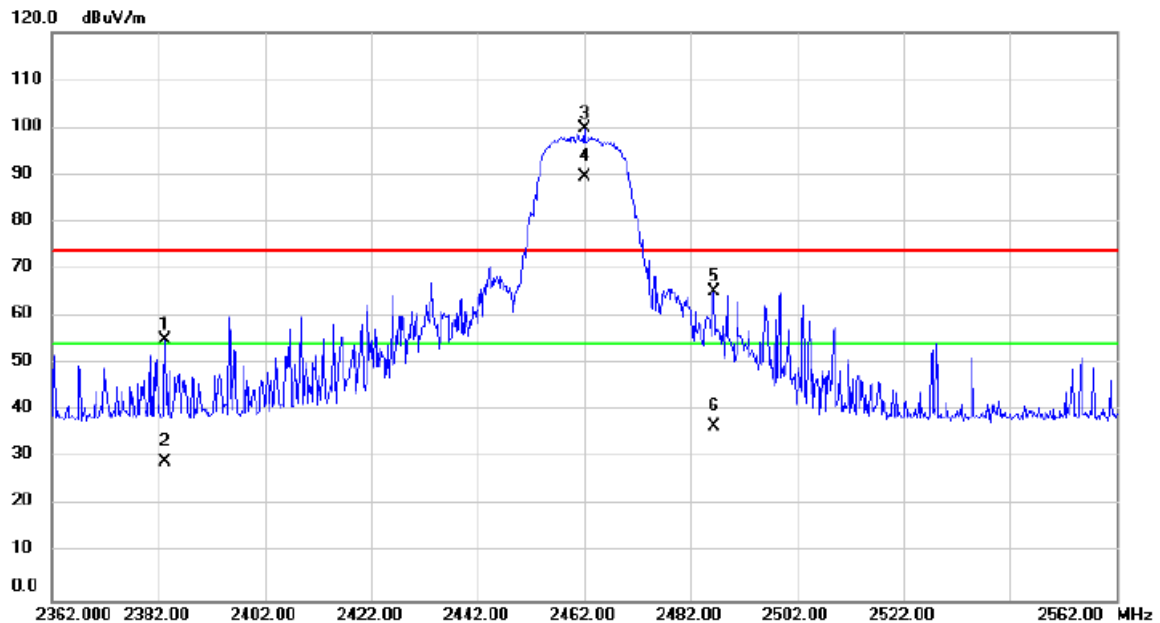


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2371.200	68.34	-5.03	63.31	74.00	-10.69	peak	
2		2371.200	43.06	-5.03	38.03	54.00	-15.97	AVG	
3	X	2410.800	104.44	-4.97	99.47	74.00	25.47	peak	No Limit
4	*	2410.800	95.97	-4.97	91.00	54.00	37.00	AVG	No Limit
5		2488.000	58.55	-4.88	53.67	74.00	-20.33	peak	
6		2488.000	34.66	-4.88	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 802.11g	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

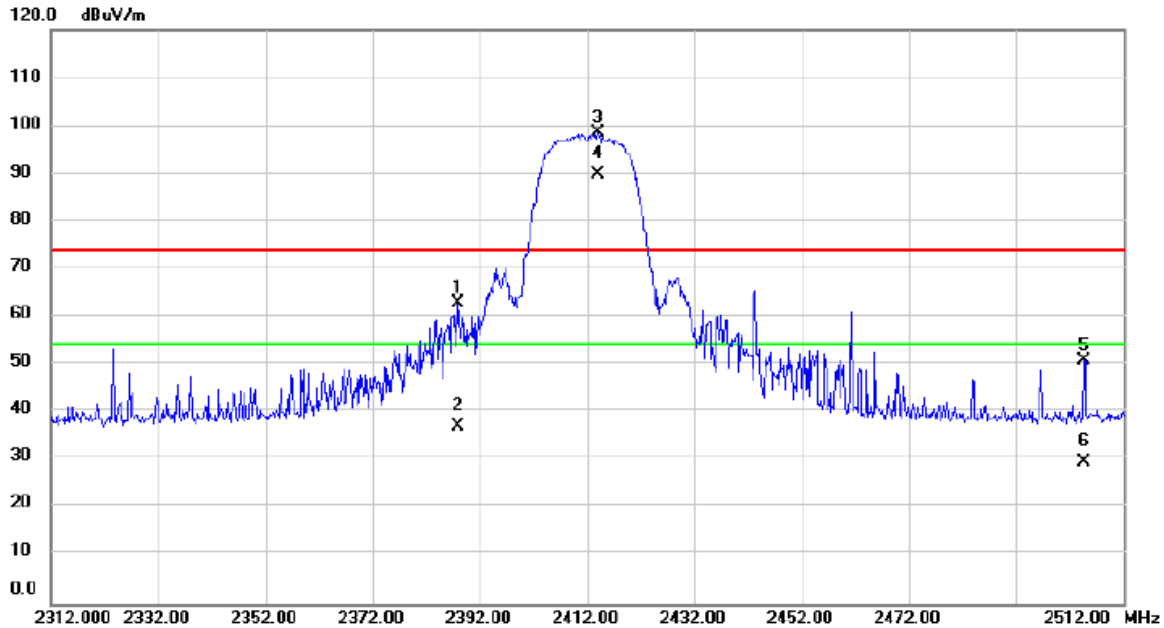


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2383.200	60.14	-5.02	55.12	74.00	-18.88	peak	
2		2383.200	34.18	-5.02	29.16	54.00	-24.84	AVG	
3	X	2462.000	104.63	-4.91	99.72	74.00	25.72	peak	No Limit
4	*	2462.000	94.58	-4.91	89.67	54.00	35.67	AVG	No Limit
5		2486.400	70.01	-4.88	65.13	74.00	-8.87	peak	
6		2486.400	41.65	-4.88	36.77	54.00	-17.23	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT 20)	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

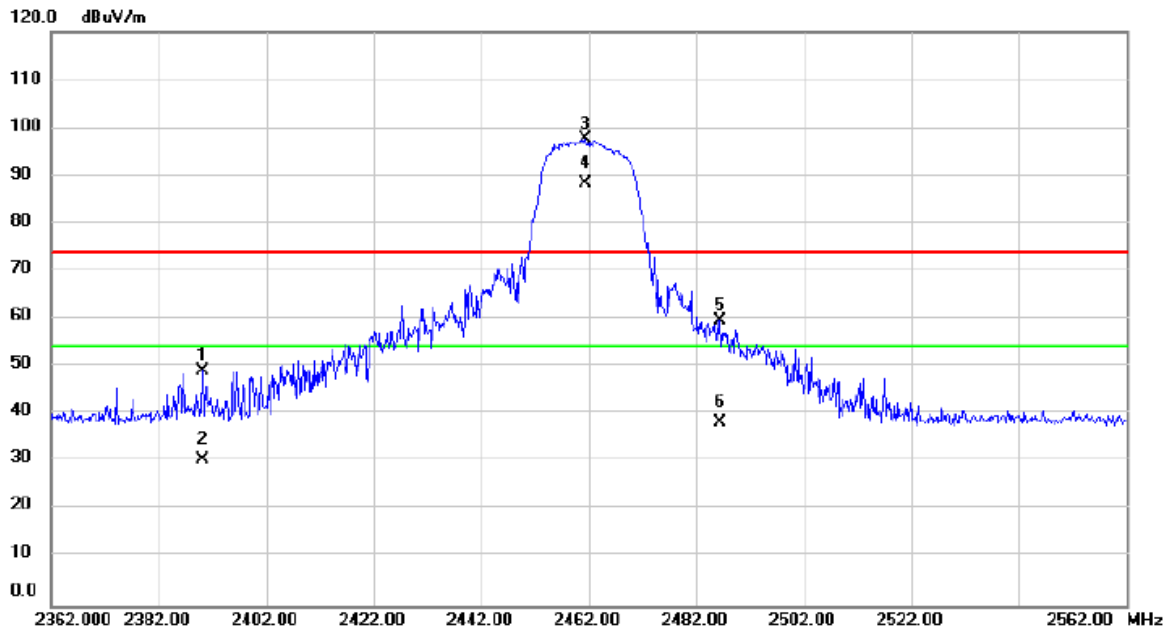


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2387.800	67.92	-5.01	62.91	74.00	-11.09	peak	
2		2387.800	42.08	-5.01	37.07	54.00	-16.93	AVG	
3	X	2414.000	103.40	-4.97	98.43	74.00	24.43	peak	No Limit
4	*	2414.000	94.93	-4.97	89.96	54.00	35.96	AVG	No Limit
5		2504.600	55.66	-4.85	50.81	74.00	-23.19	peak	
6		2504.600	34.47	-4.85	29.62	54.00	-24.38	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

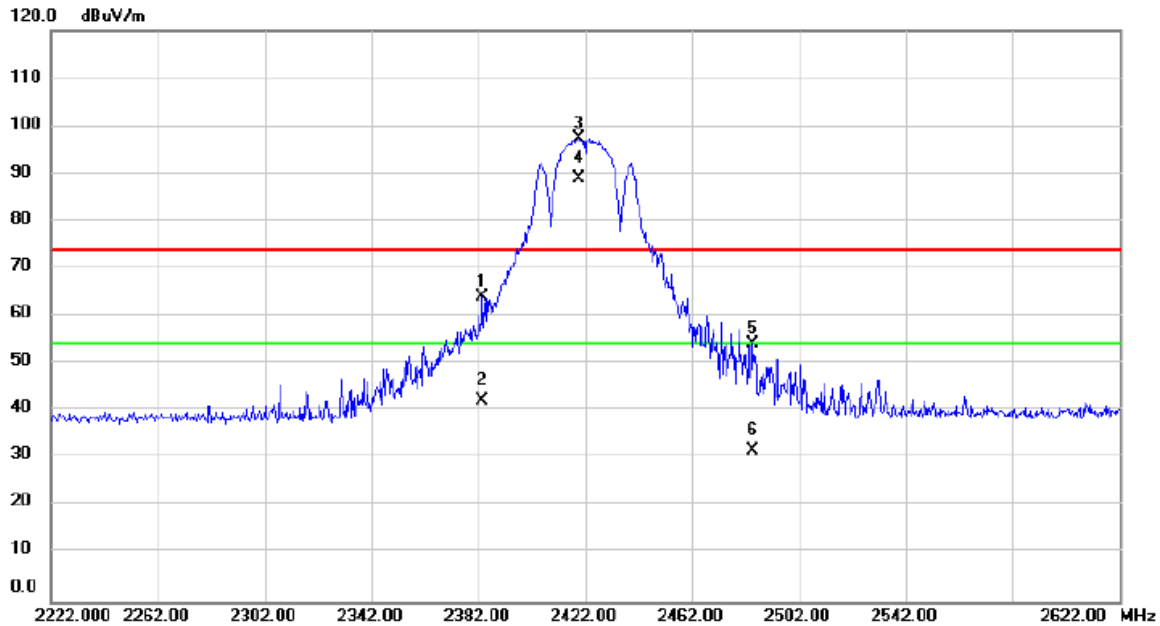


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2390.000	54.08	-5.01	49.07	74.00	-24.93	peak	
2		2390.000	35.35	-5.01	30.34	54.00	-23.66	AVG	
3	X	2461.400	102.61	-4.91	97.70	74.00	23.70	peak	No Limit
4	*	2461.400	93.29	-4.91	88.38	54.00	34.38	AVG	No Limit
5		2486.400	64.41	-4.88	59.53	74.00	-14.47	peak	
6		2486.400	43.22	-4.88	38.34	54.00	-15.66	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/8/6
Test Frequency	2422MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

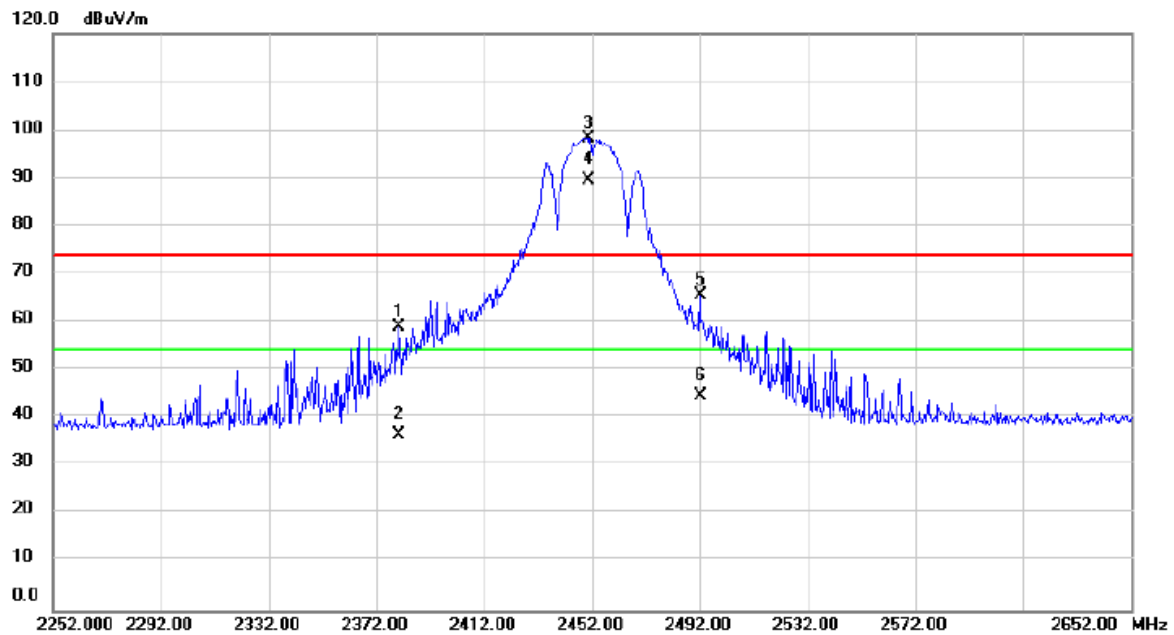


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2383.600	68.97	-5.01	63.96	74.00	-10.04	peak	
2		2383.600	47.18	-5.01	42.17	54.00	-11.83	AVG	
3	X	2419.600	102.36	-4.96	97.40	74.00	23.40	peak	No Limit
4	*	2419.600	93.82	-4.96	88.86	54.00	34.86	AVG	No Limit
5		2484.800	59.12	-4.88	54.24	74.00	-19.76	peak	
6		2484.800	36.41	-4.88	31.53	54.00	-22.47	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT 40)	Test Date	2024/8/6
Test Frequency	2452MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

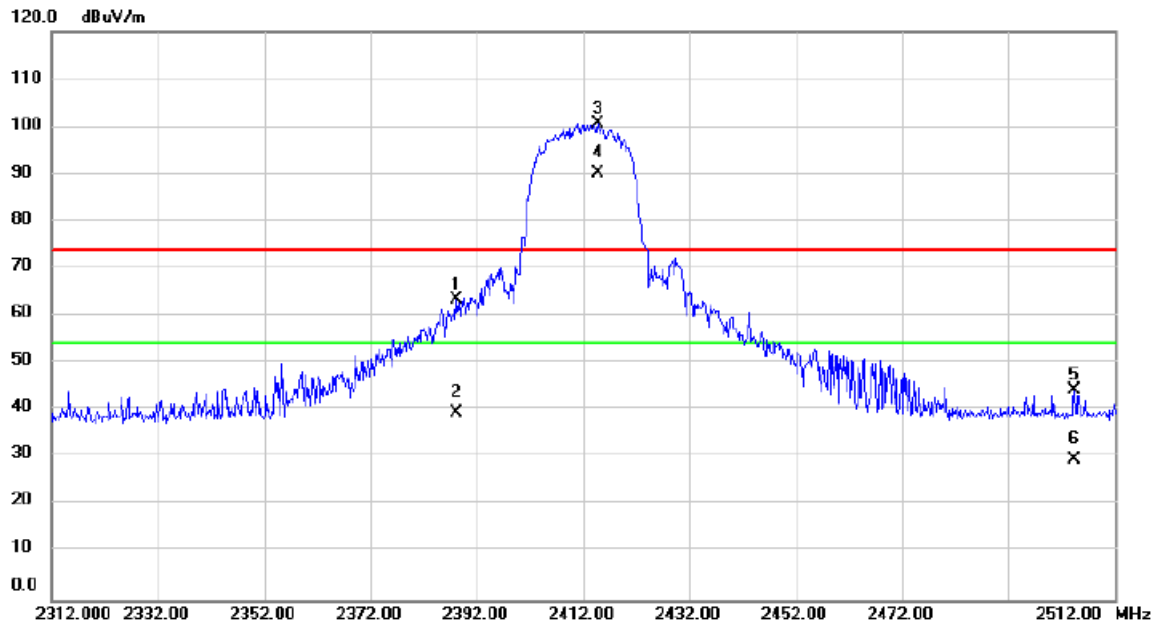


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2380.400	63.93	-5.02	58.91	74.00	-15.09	peak	
2		2380.400	41.36	-5.02	36.34	54.00	-17.66	AVG	
3	X	2450.400	103.20	-4.92	98.28	74.00	24.28	peak	No Limit
4	*	2450.400	94.60	-4.92	89.68	54.00	35.68	AVG	No Limit
5		2492.000	70.41	-4.87	65.54	74.00	-8.46	peak	
6		2492.000	49.43	-4.87	44.56	54.00	-9.44	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

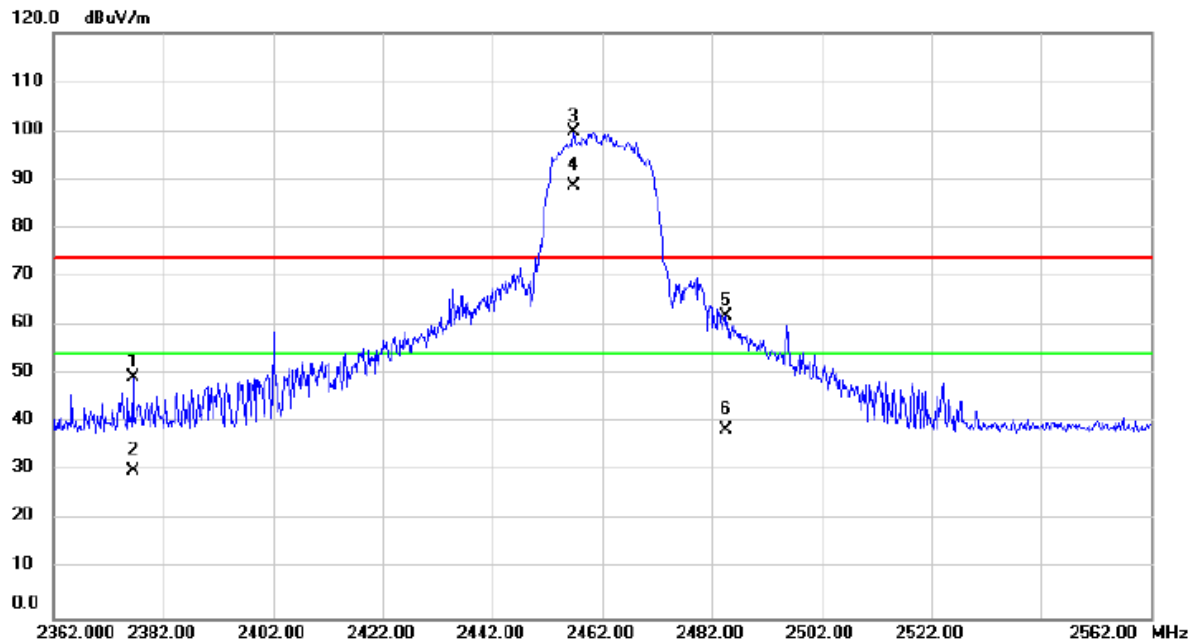


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2388.000	68.43	-5.01	63.42	74.00	-10.58	peak	
2		2388.000	44.34	-5.01	39.33	54.00	-14.67	AVG	
3	X	2414.800	105.54	-4.98	100.56	74.00	26.56	peak	No Limit
4	*	2414.800	95.03	-4.98	90.05	54.00	36.05	AVG	No Limit
5		2504.400	49.14	-4.85	44.29	74.00	-29.71	peak	
6		2504.400	34.36	-4.85	29.51	54.00	-24.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

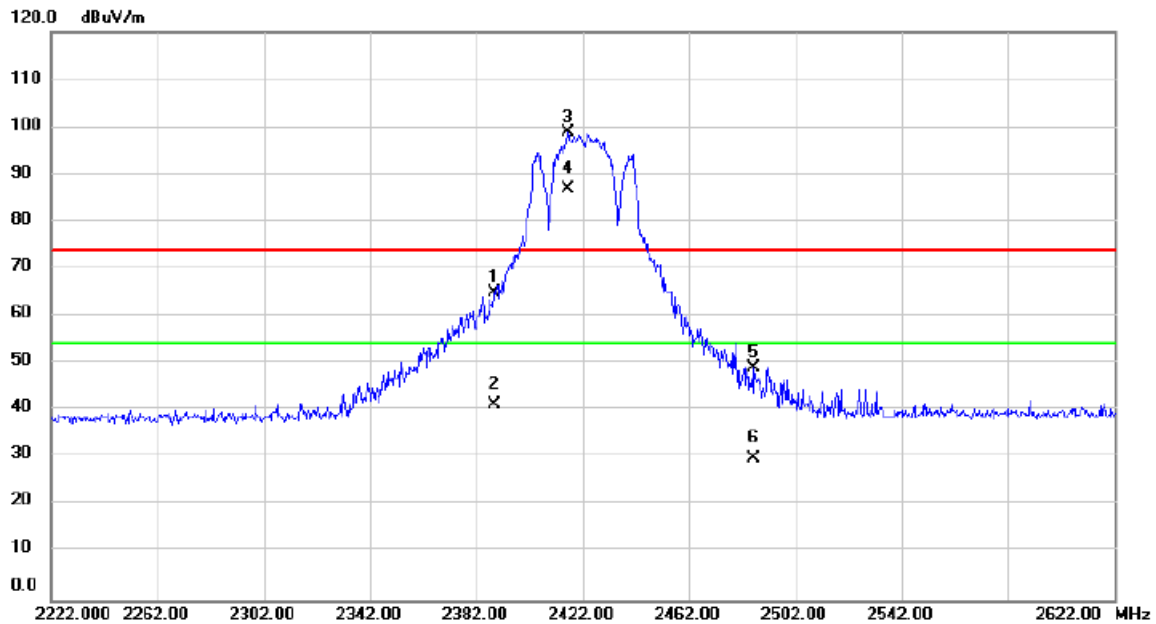


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2376.400	54.47	-5.02	49.45	74.00	-24.55	peak	
2		2376.400	35.16	-5.02	30.14	54.00	-23.86	AVG	
3	X	2456.800	104.79	-4.91	99.88	74.00	25.88	peak	No Limit
4	*	2456.800	93.49	-4.91	88.58	54.00	34.58	AVG	No Limit
5		2484.400	66.94	-4.88	62.06	74.00	-11.94	peak	
6		2484.400	43.50	-4.88	38.62	54.00	-15.38	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/8/6
Test Frequency	2422MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

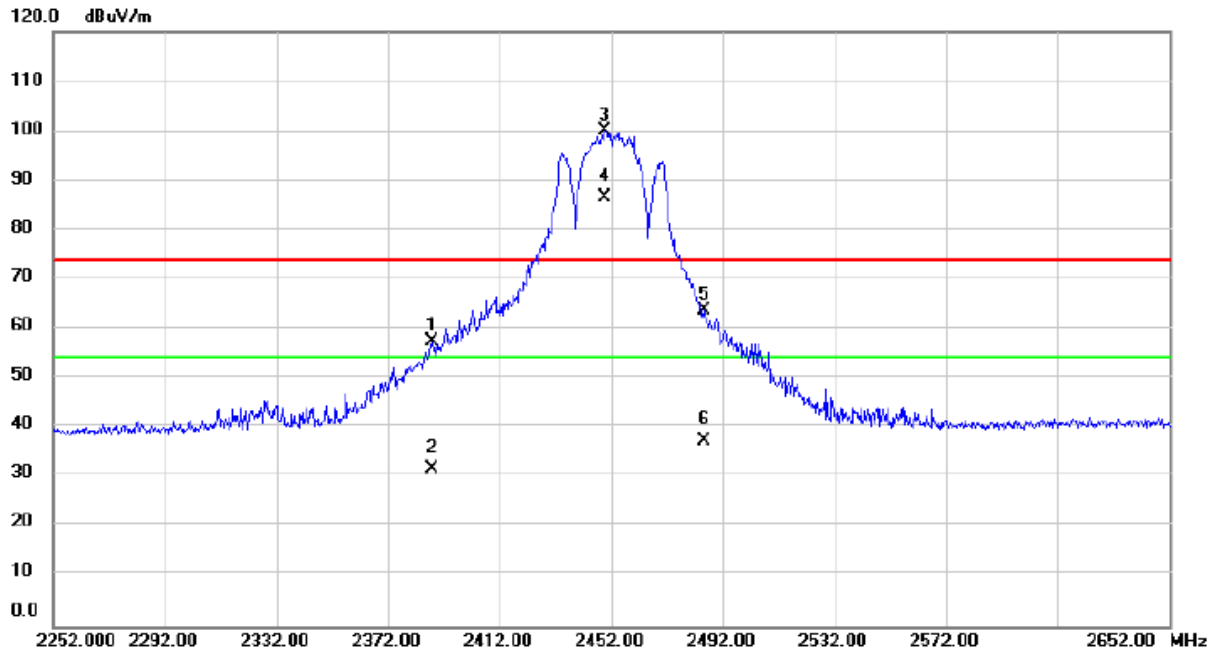


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.800	69.92	-5.01	64.91	74.00	-9.09	peak	
2		2388.800	46.33	-5.01	41.32	54.00	-12.68	AVG	
3	X	2416.400	103.72	-4.98	98.74	74.00	24.74	peak	No Limit
4	*	2416.400	91.88	-4.98	86.90	54.00	32.90	AVG	No Limit
5		2486.400	54.04	-4.88	49.16	74.00	-24.84	peak	
6		2486.400	34.69	-4.88	29.81	54.00	-24.19	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/8/6
Test Frequency	2452MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



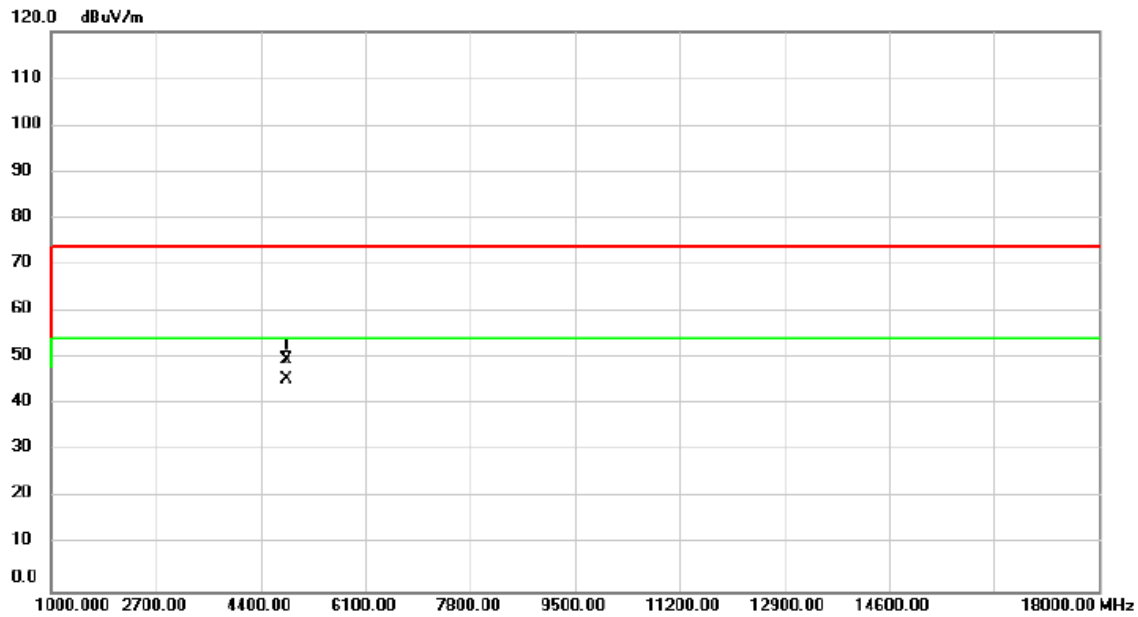
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2387.600	62.38	-5.01	57.37	74.00	-16.63	peak	
2		2387.600	36.67	-5.01	31.66	54.00	-22.34	AVG	
3	X	2449.600	104.96	-4.93	100.03	74.00	26.03	peak	No Limit
4	*	2449.600	91.38	-4.93	86.45	54.00	32.45	AVG	No Limit
5		2485.200	68.57	-4.88	63.69	74.00	-10.31	peak	
6		2485.200	42.17	-4.88	37.29	54.00	-16.71	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	IEEE 802.11b	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

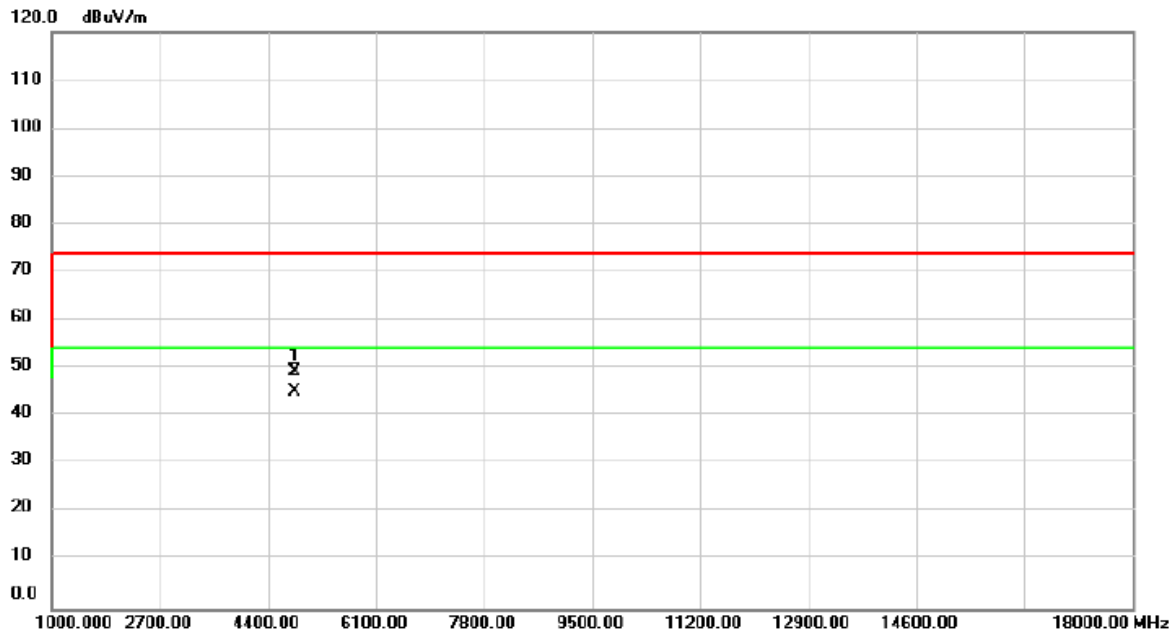


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	48.65	0.92	49.57	74.00	-24.43	peak	
2	*	4824.000	44.39	0.92	45.31	54.00	-8.69	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%

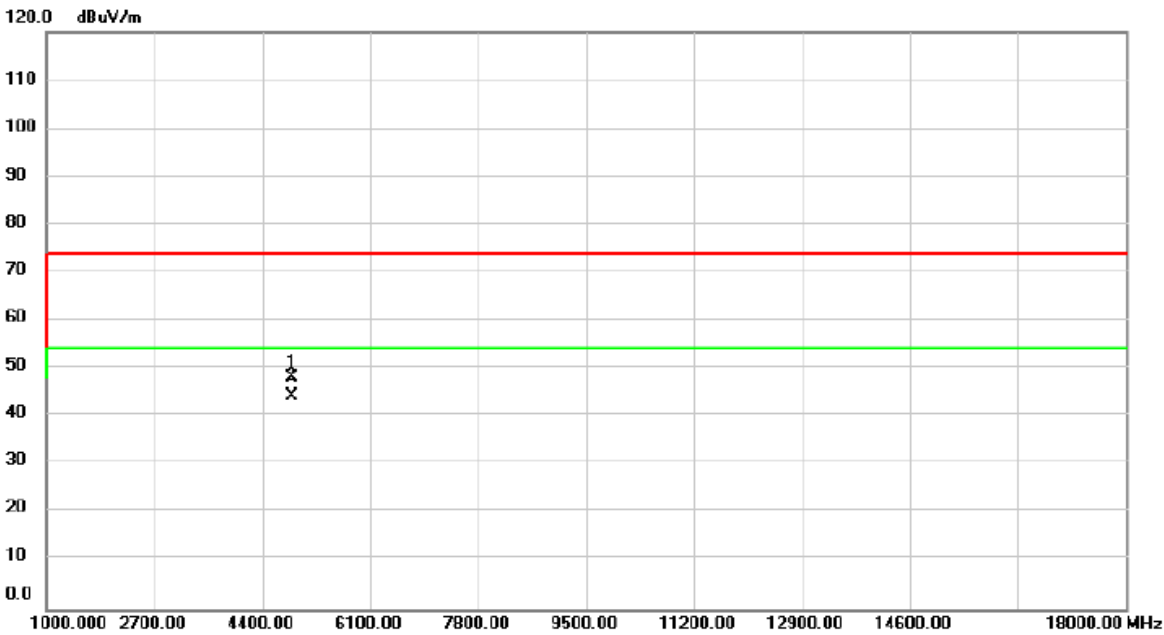


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	48.38	0.92	49.30	74.00	-24.70	peak	
2	*	4824.000	44.18	0.92	45.10	54.00	-8.90	AVG	

REMARKS:

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

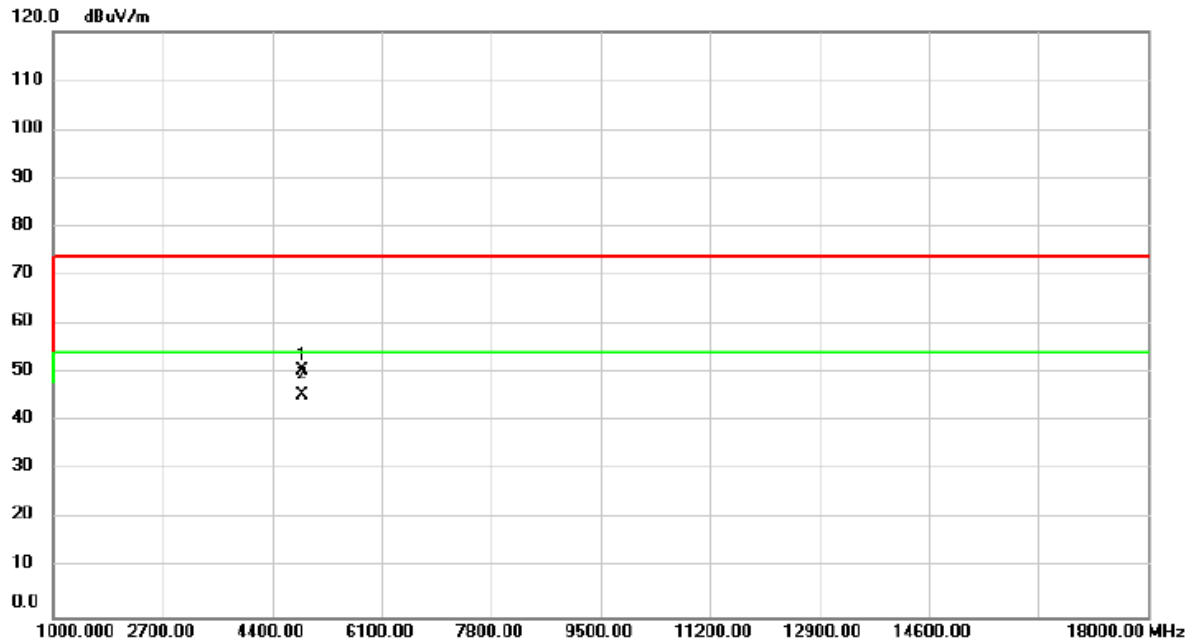
Test Mode	IEEE 802.11b	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	47.08	1.02	48.10	74.00	-25.90	peak	
2	*	4874.000	43.09	1.02	44.11	54.00	-9.89	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%

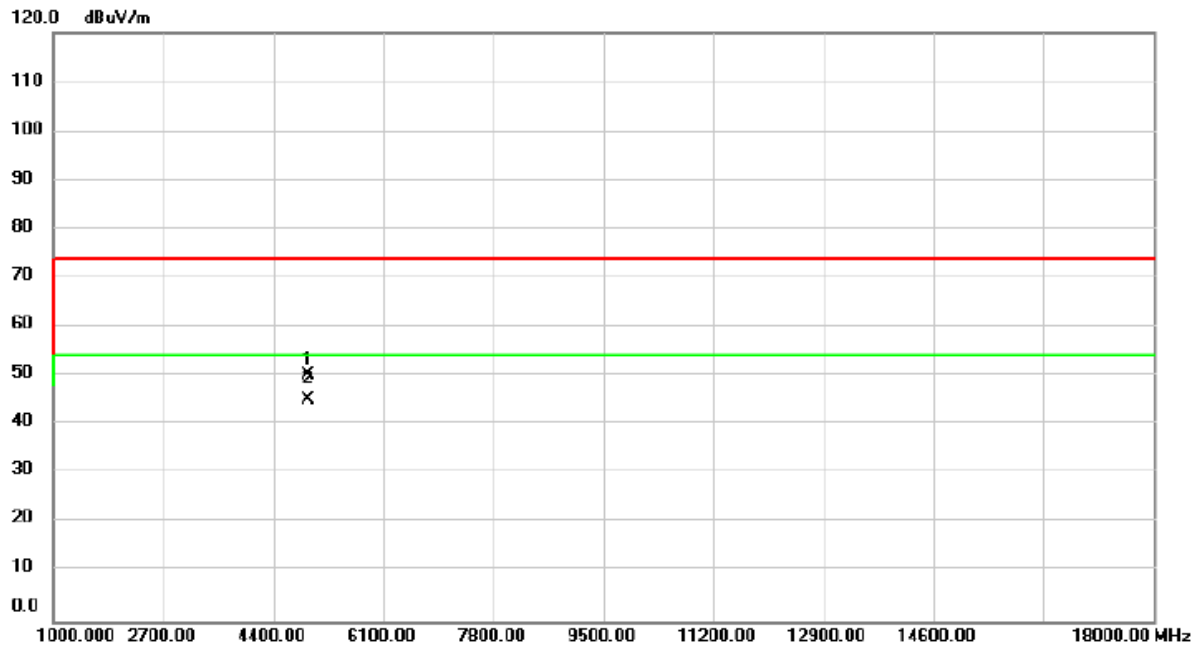


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	49.52	1.02	50.54	74.00	-23.46	peak	
2	*	4874.000	44.52	1.02	45.54	54.00	-8.46	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

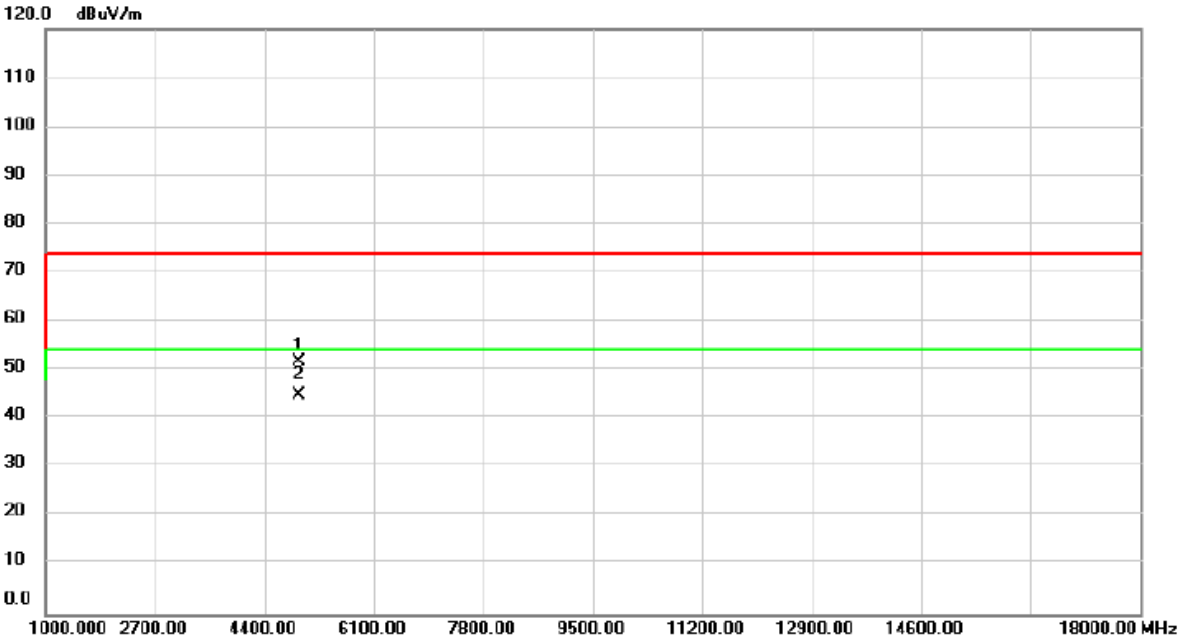


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	49.11	1.13	50.24	74.00	-23.76	peak	
2	*	4924.000	44.11	1.13	45.24	54.00	-8.76	AVG	

REMARKS:

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

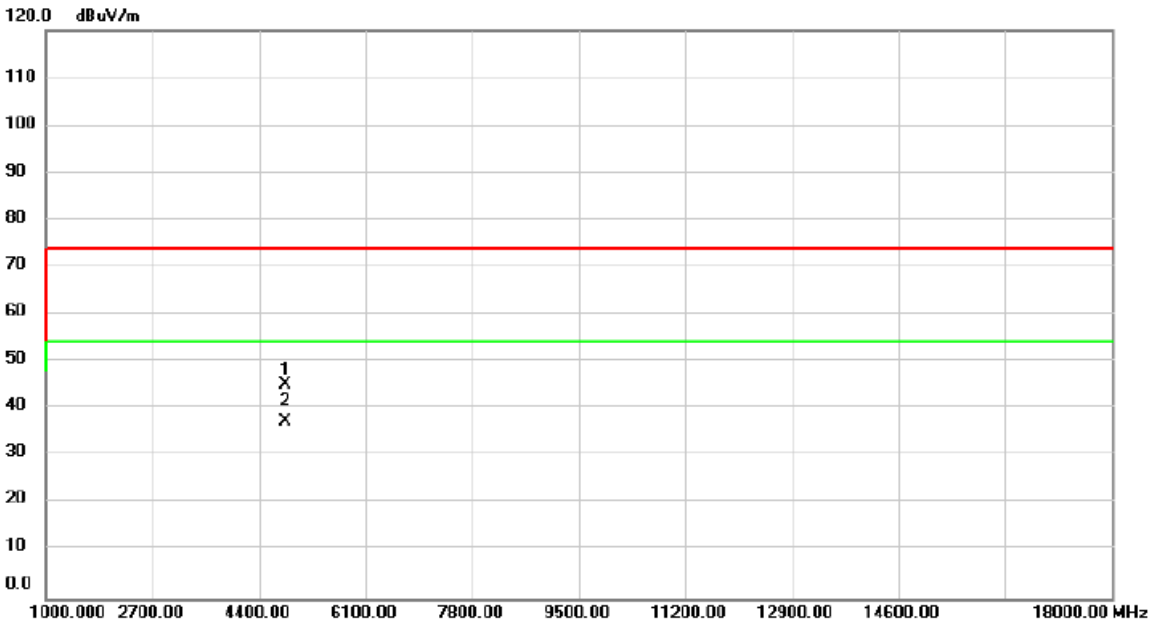
Test Mode	IEEE 802.11b	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	50.48	1.13	51.61	74.00	-22.39	peak	
2	*	4924.000	43.83	1.13	44.96	54.00	-9.04	AVG	

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

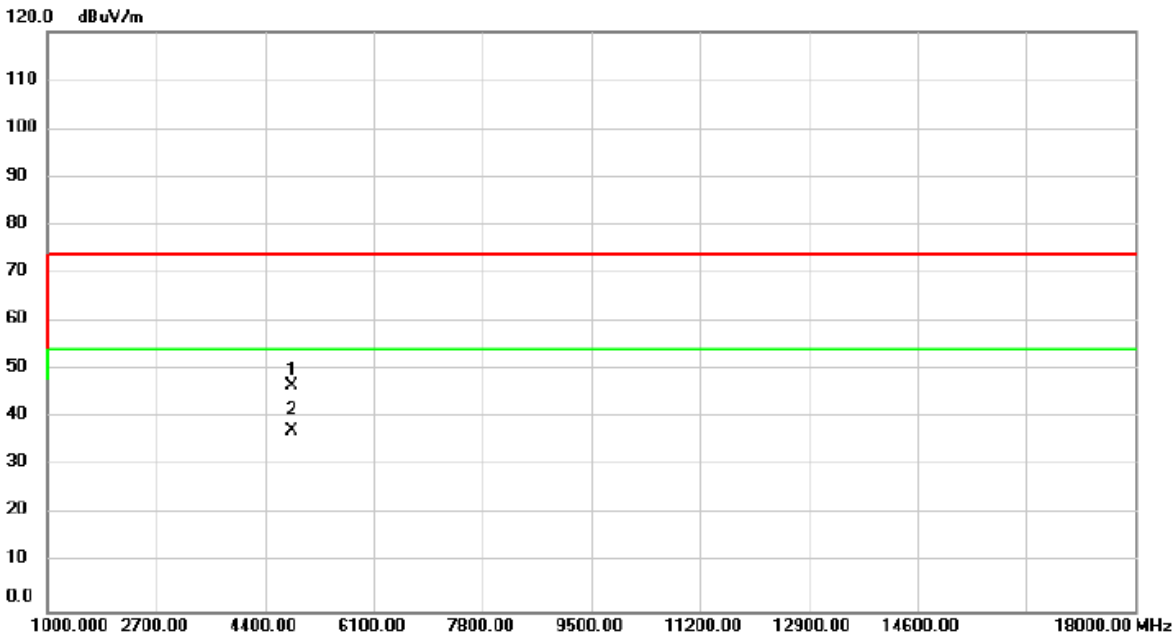
Test Mode	IEEE 802.11g	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	44.34	0.92	45.26	74.00	-28.74	peak	
2	*	4824.000	36.41	0.92	37.33	54.00	-16.67	AVG	

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

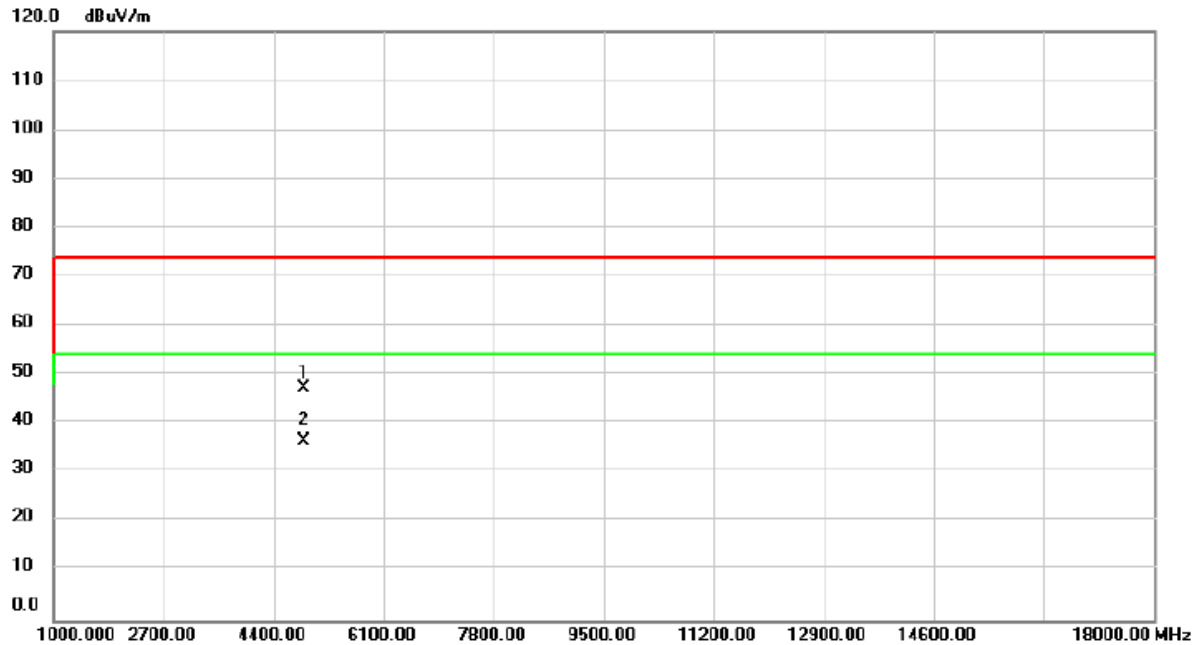
Test Mode	IEEE 802.11g	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	45.80	0.92	46.72	74.00	-27.28	peak	
2	*	4824.000	36.48	0.92	37.40	54.00	-16.60	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

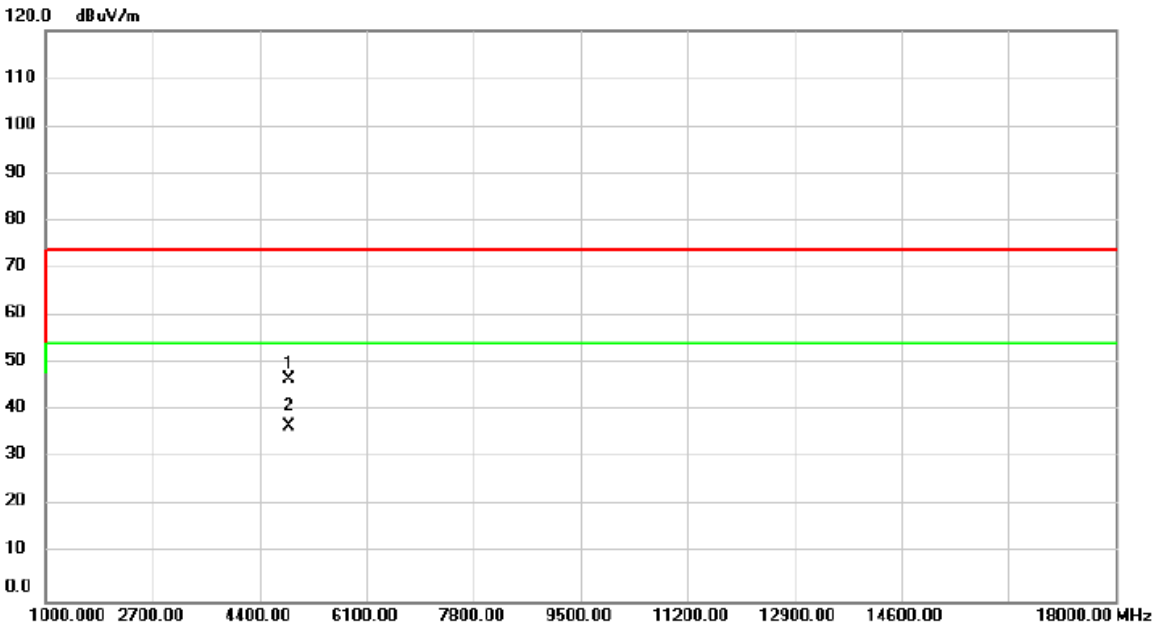


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	46.26	1.02	47.28	74.00	-26.72	peak	
2	*	4874.000	35.34	1.02	36.36	54.00	-17.64	AVG	

REMARKS:

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

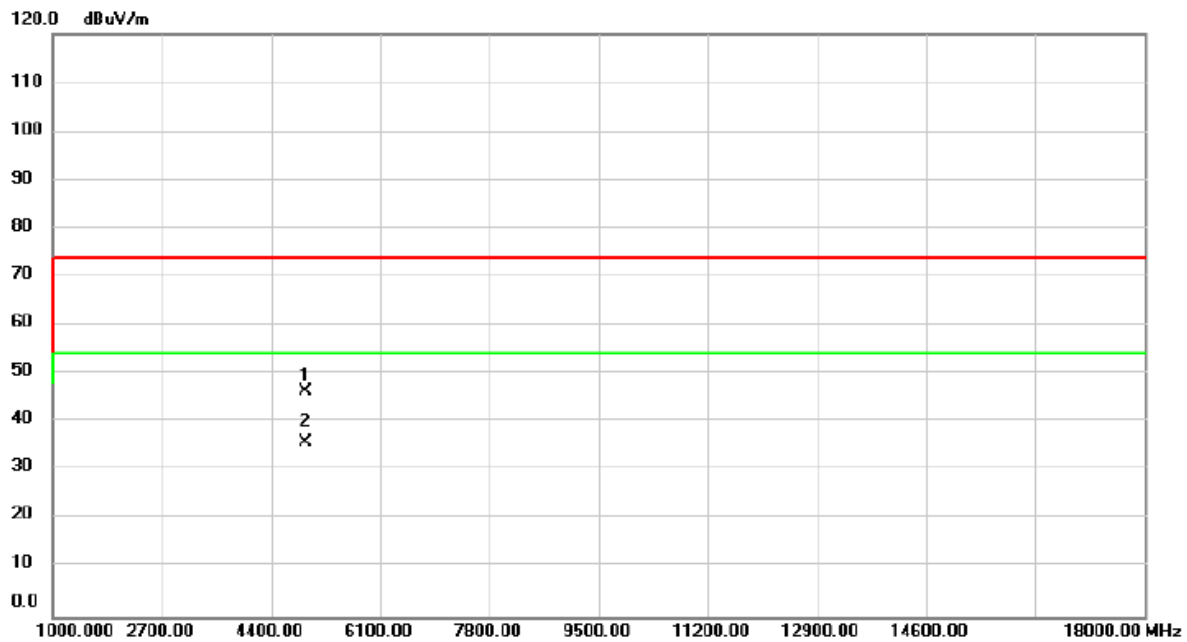
Test Mode	IEEE 802.11g	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	45.54	1.02	46.56	74.00	-27.44	peak	
2	*	4874.000	35.69	1.02	36.71	54.00	-17.29	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

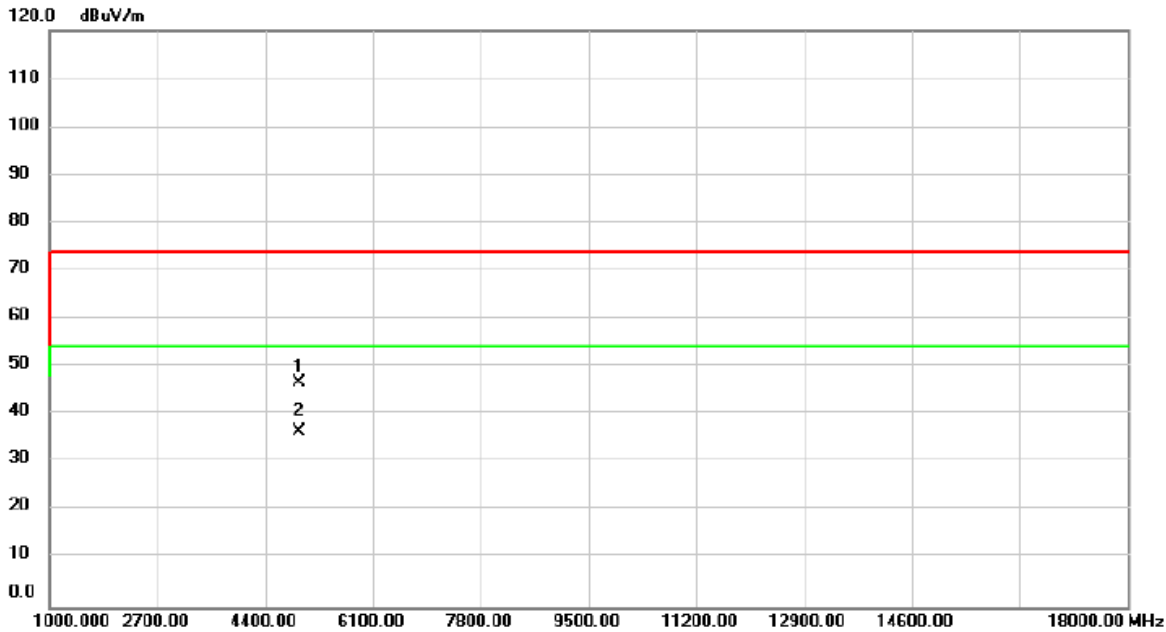


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	45.32	1.13	46.45	74.00	-27.55	peak	
2	*	4924.000	34.86	1.13	35.99	54.00	-18.01	AVG	

REMARKS:

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

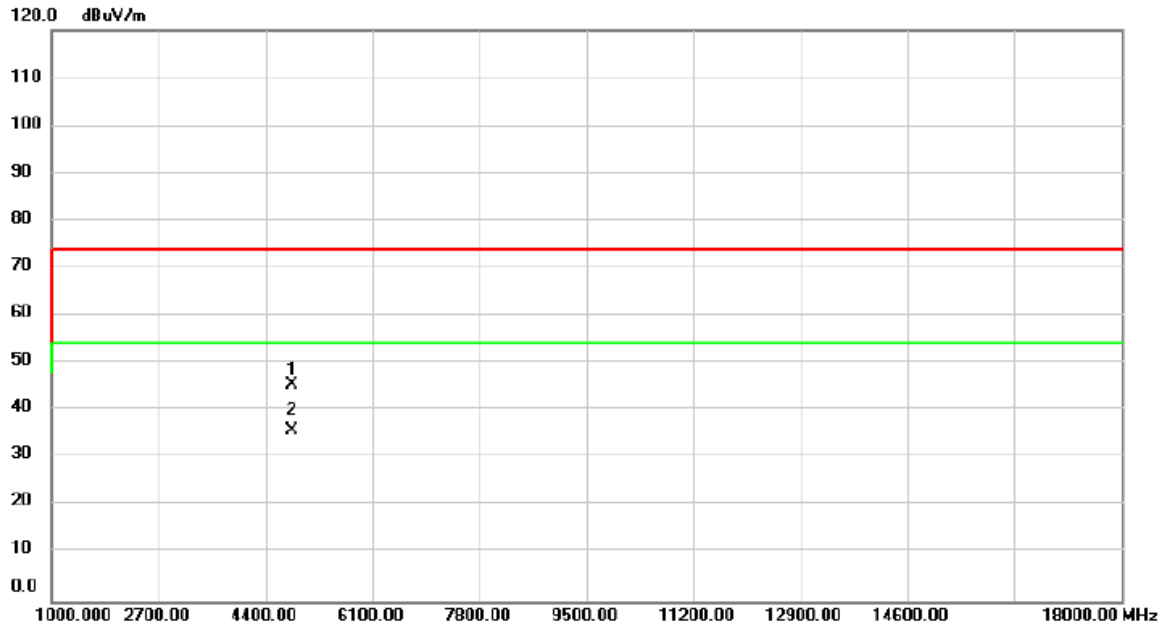
Test Mode	IEEE 802.11g	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.52	1.13	46.65	74.00	-27.35	peak	
2	*	4924.000	35.35	1.13	36.48	54.00	-17.52	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/12/12
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

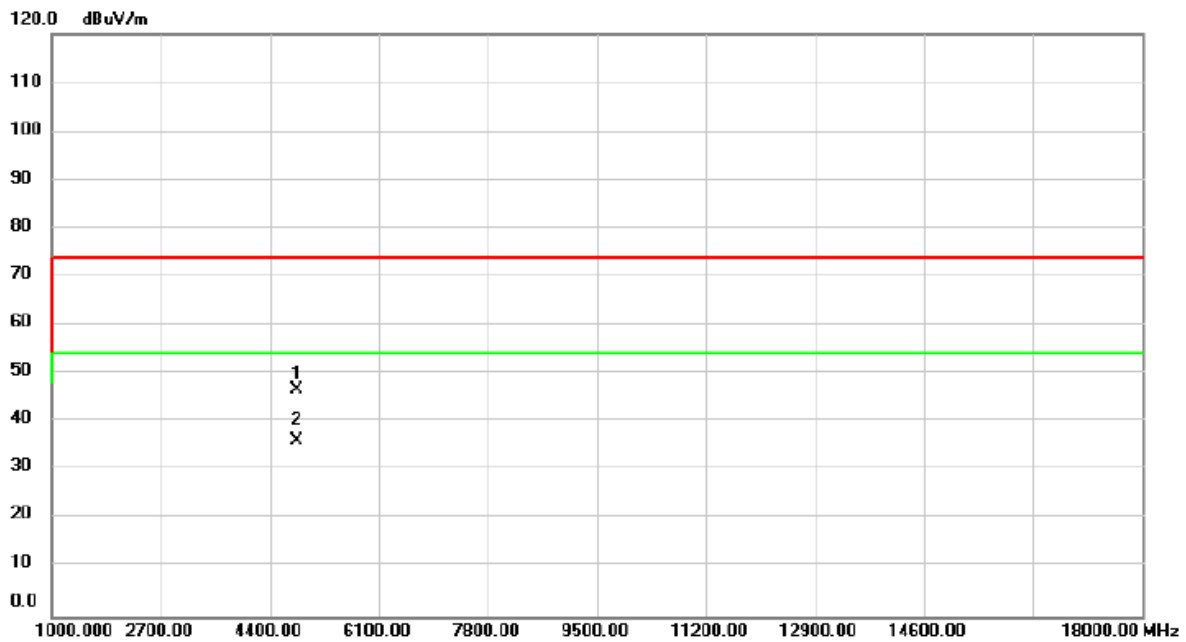


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	44.45	0.92	45.37	74.00	-28.63	peak	
2	*	4824.000	34.95	0.92	35.87	54.00	-18.13	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/12/12
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%

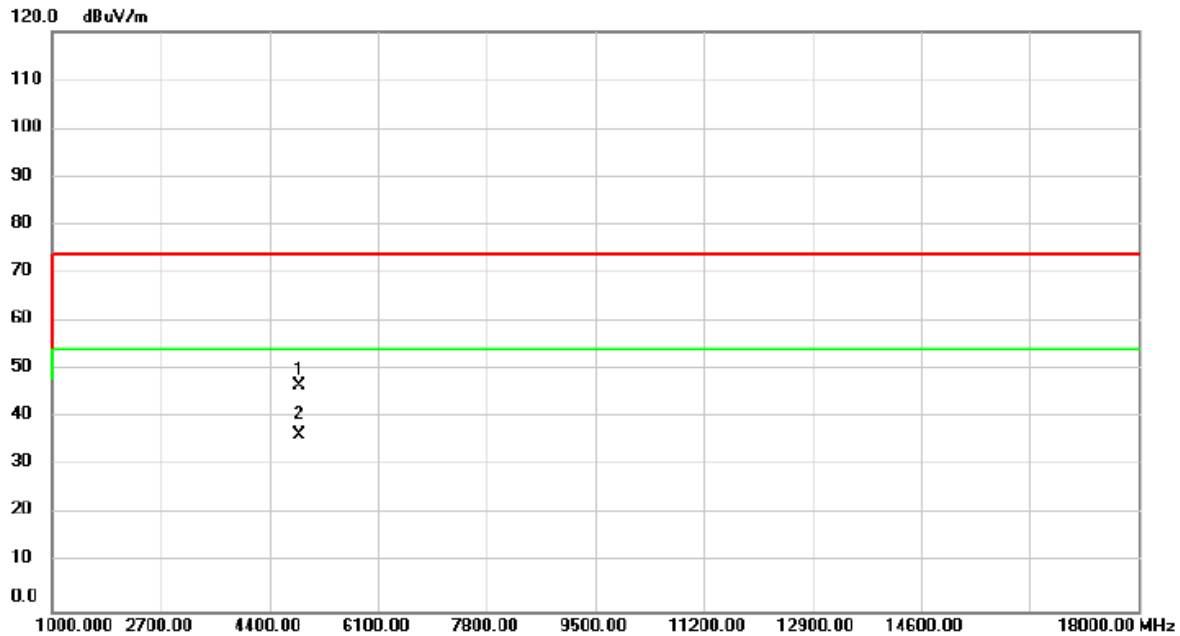


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	45.81	0.92	46.73	74.00	-27.27	peak	
2	*	4824.000	35.36	0.92	36.28	54.00	-17.72	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

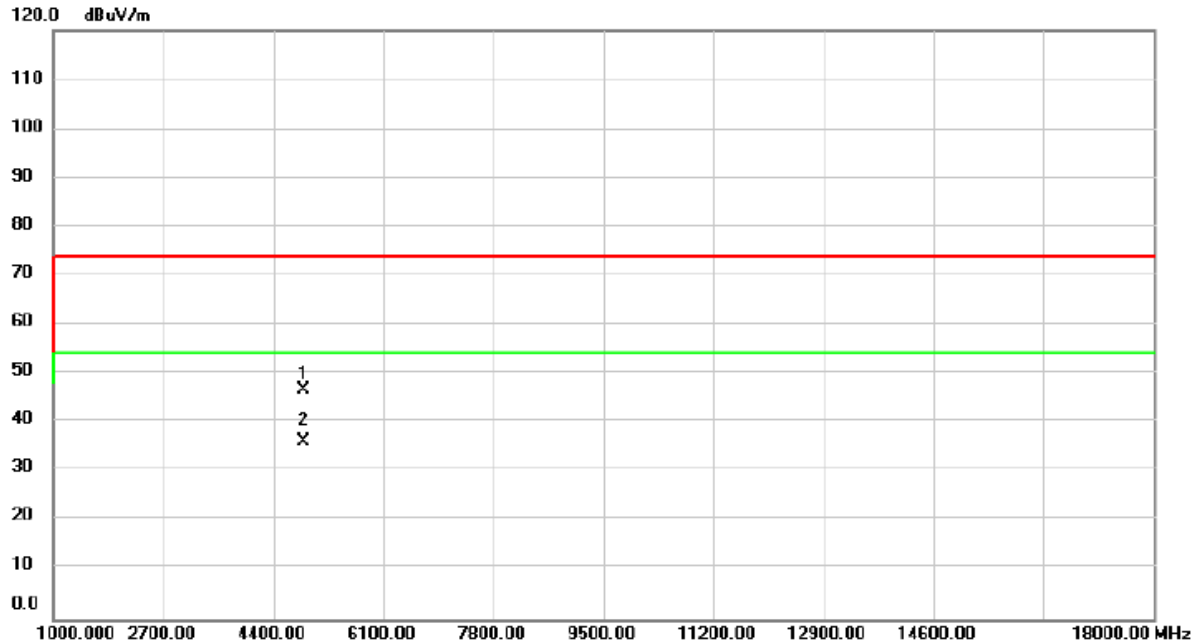


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	45.50	1.02	46.52	74.00	-27.48	peak	
2	*	4874.000	35.49	1.02	36.51	54.00	-17.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%

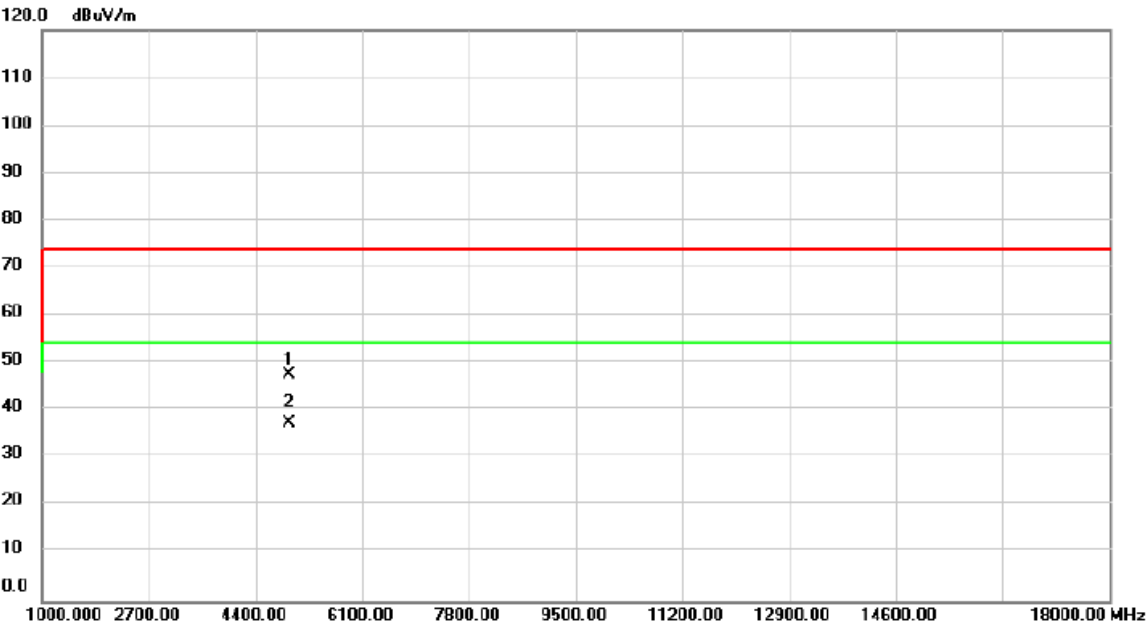


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	45.67	1.02	46.69	74.00	-27.31	peak	
2	*	4874.000	35.01	1.02	36.03	54.00	-17.97	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



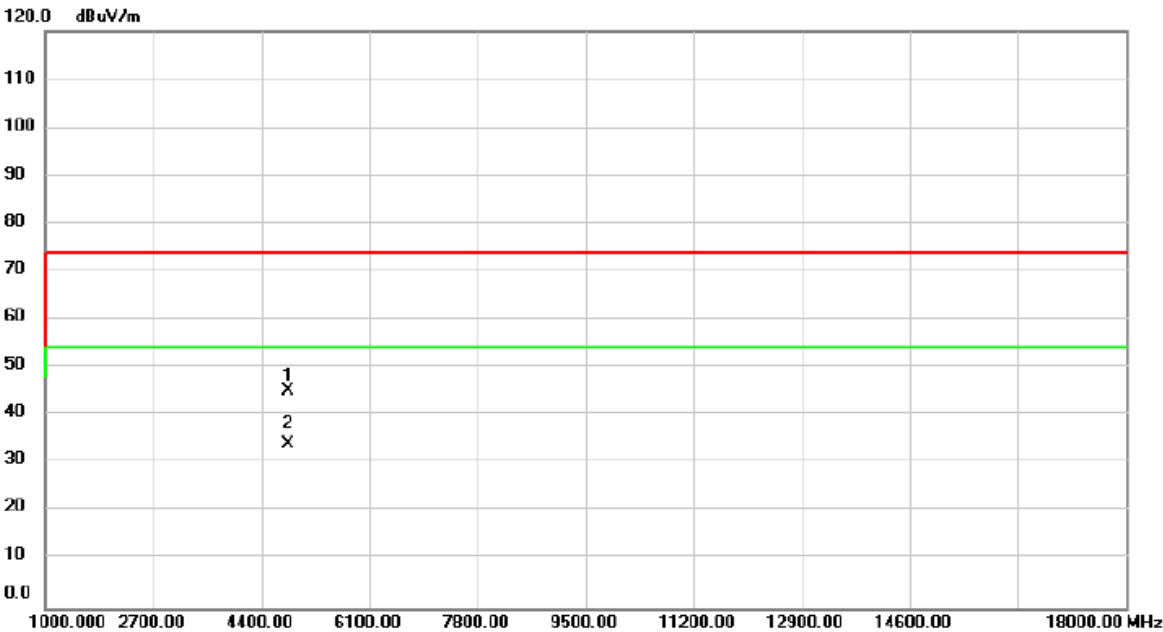
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	46.56	1.13	47.69	74.00	-26.31	peak	
2	*	4924.000	36.17	1.13	37.30	54.00	-16.70	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

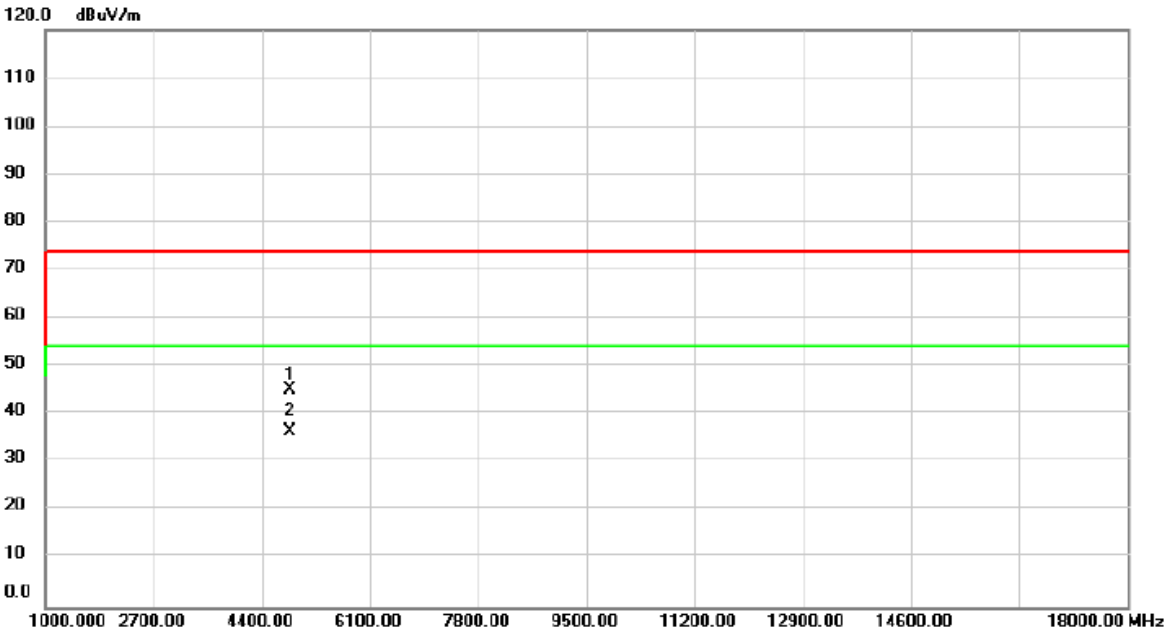
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	44.20	0.92	45.12	74.00	-28.88	peak	
2	*	4824.000	33.23	0.92	34.15	54.00	-19.85	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/8/6
Test Frequency	2422MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



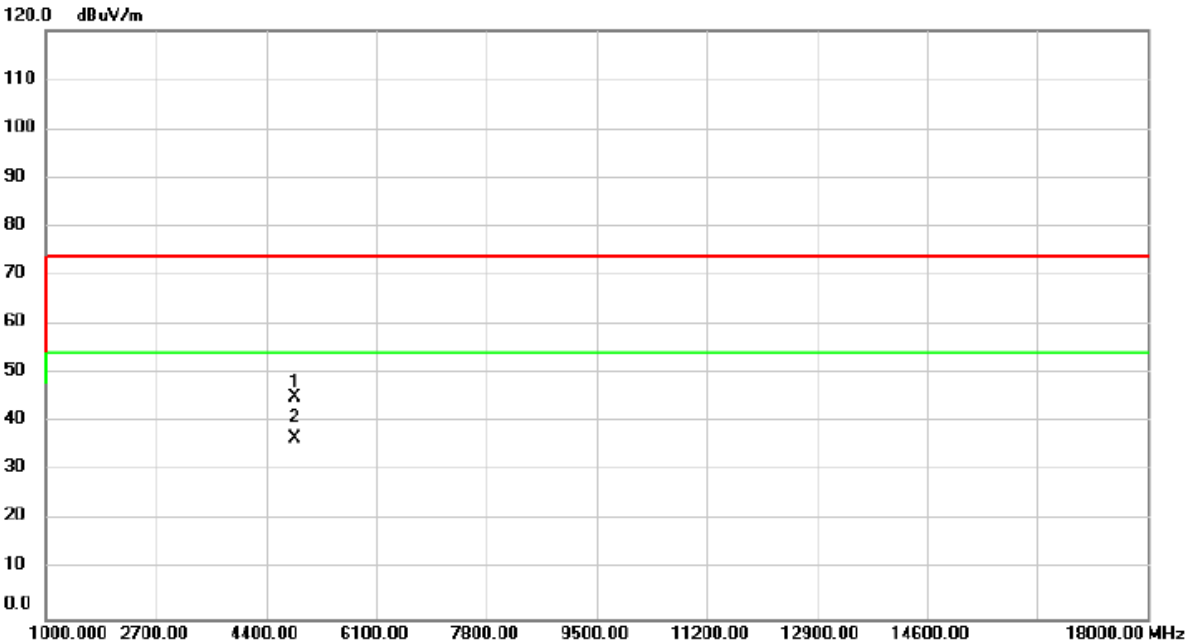
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.08	0.96	45.04	74.00	-28.96	peak	
2	*	4844.000	35.36	0.96	36.32	54.00	-17.68	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

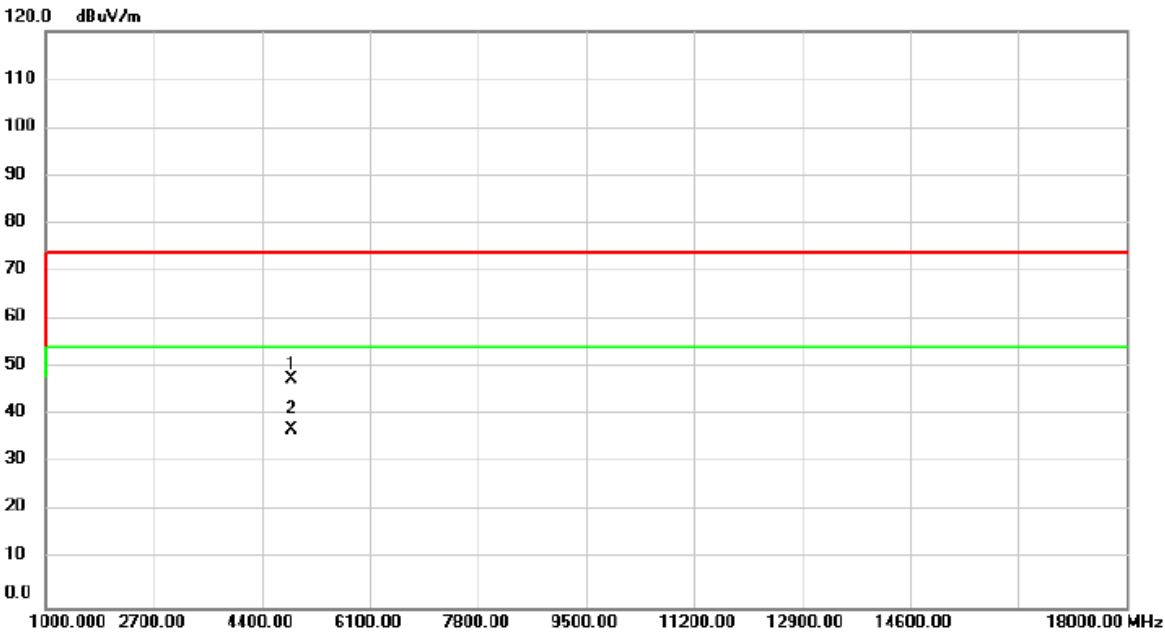
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/8/6
Test Frequency	2422MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	44.18	0.96	45.14	74.00	-28.86	peak	
2	*	4844.000	35.69	0.96	36.65	54.00	-17.35	AVG	

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

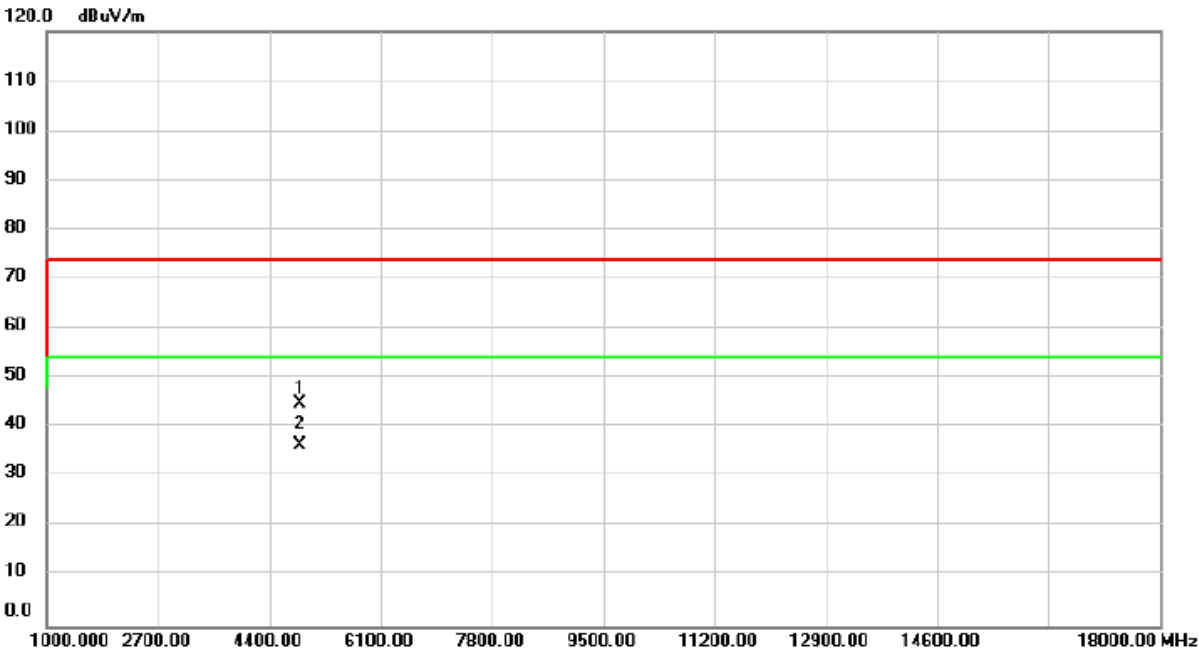
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	46.47	1.02	47.49	74.00	-26.51	peak	
2	*	4874.000	35.90	1.02	36.92	54.00	-17.08	AVG	

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

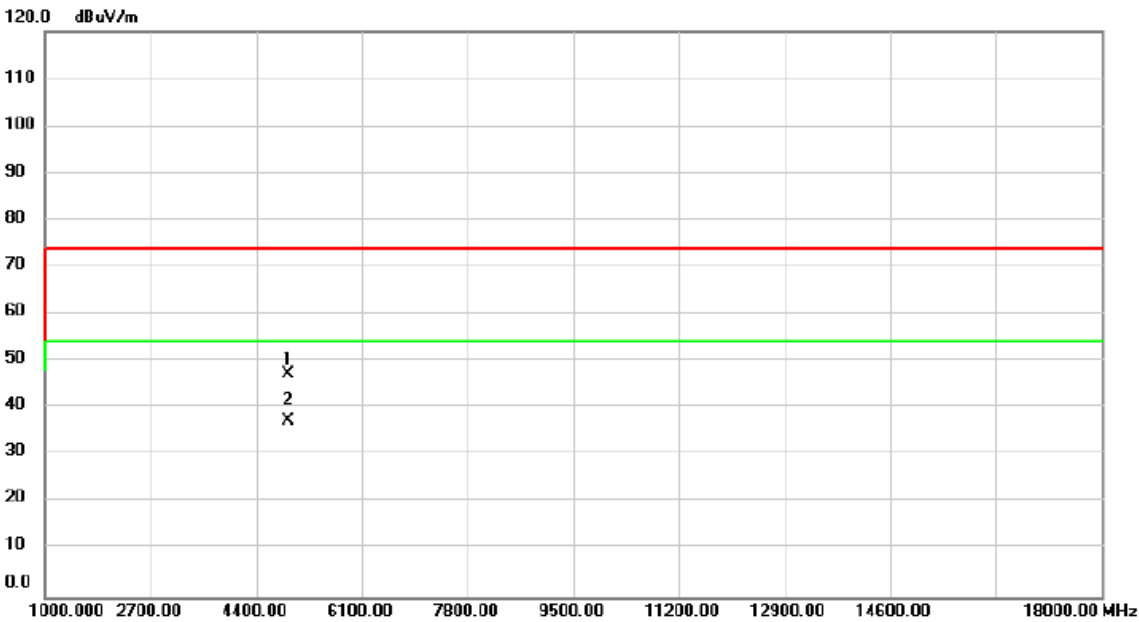
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	43.90	1.02	44.92	74.00	-29.08	peak	
2	*	4874.000	35.37	1.02	36.39	54.00	-17.61	AVG	

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

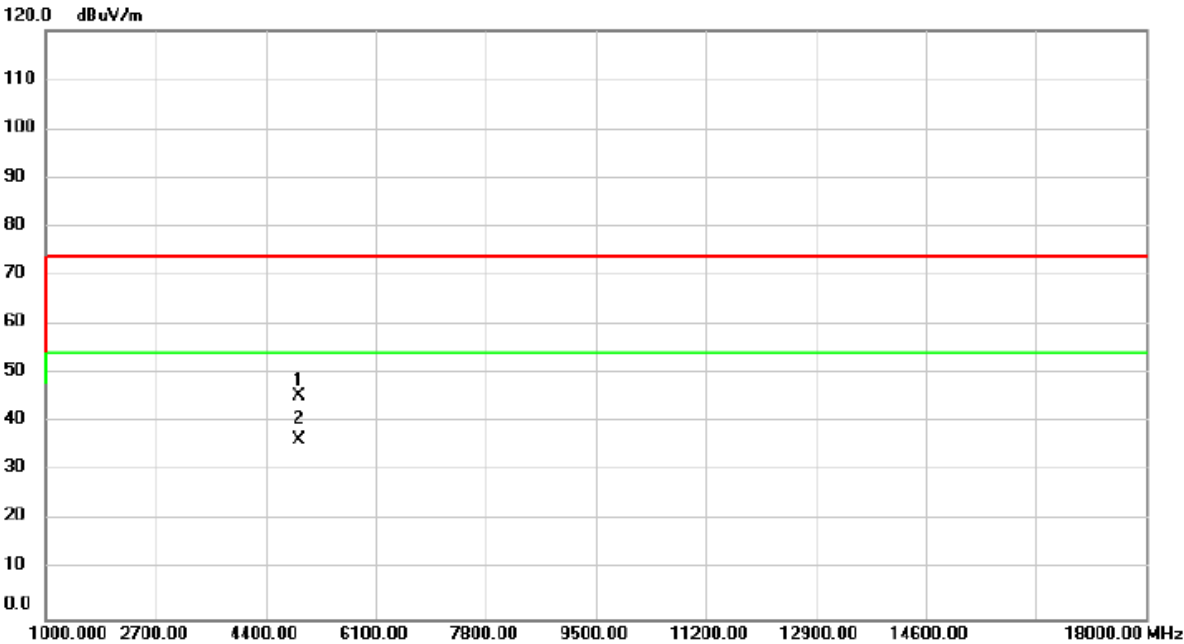
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/8/6
Test Frequency	2452MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	46.20	1.09	47.29	74.00	-26.71	peak	
2	*	4904.000	36.25	1.09	37.34	54.00	-16.66	AVG	

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

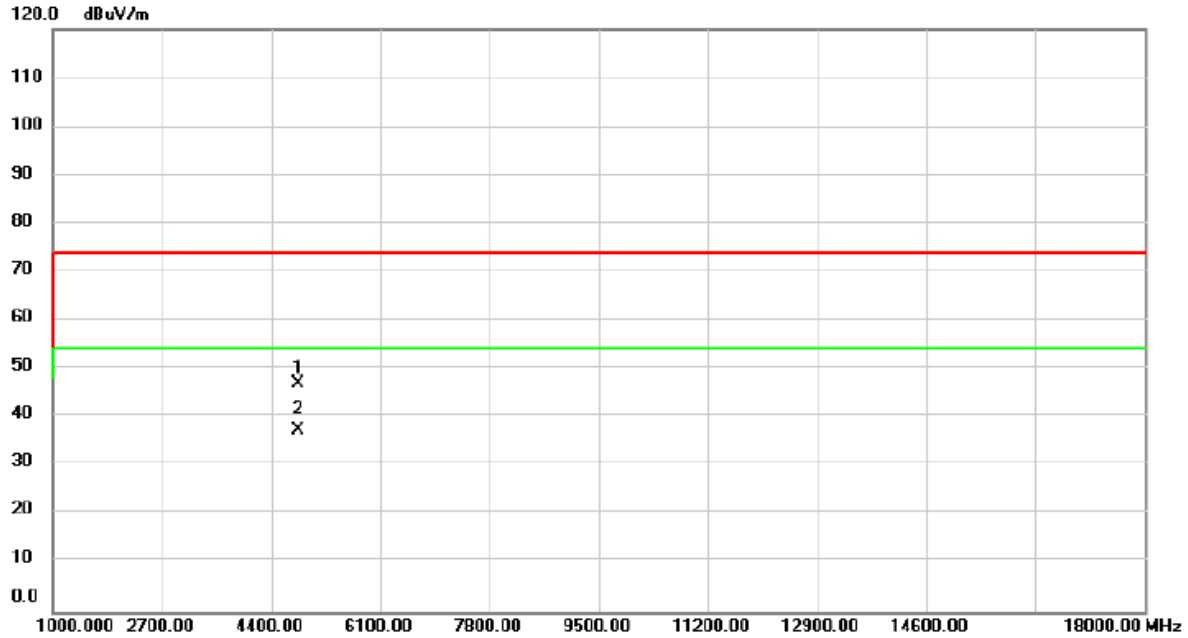
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/8/6
Test Frequency	2452MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	44.48	1.09	45.57	74.00	-28.43	peak	
2	*	4904.000	35.47	1.09	36.56	54.00	-17.44	AVG	

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

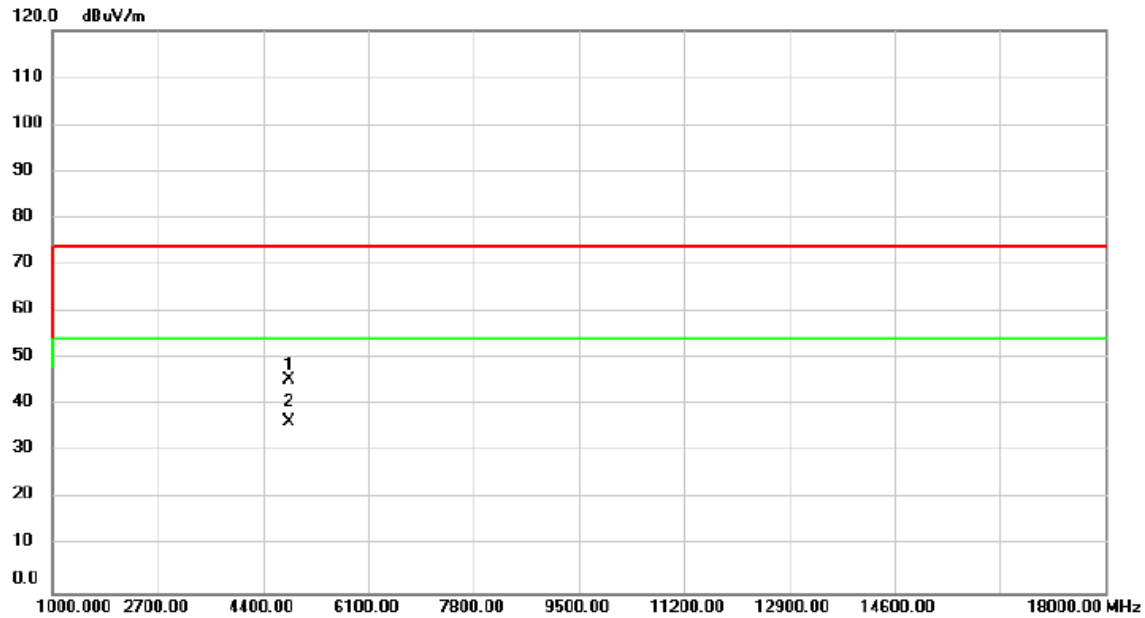


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	46.06	0.92	46.98	74.00	-27.02	peak	
2	*	4824.000	36.46	0.92	37.38	54.00	-16.62	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/6
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%

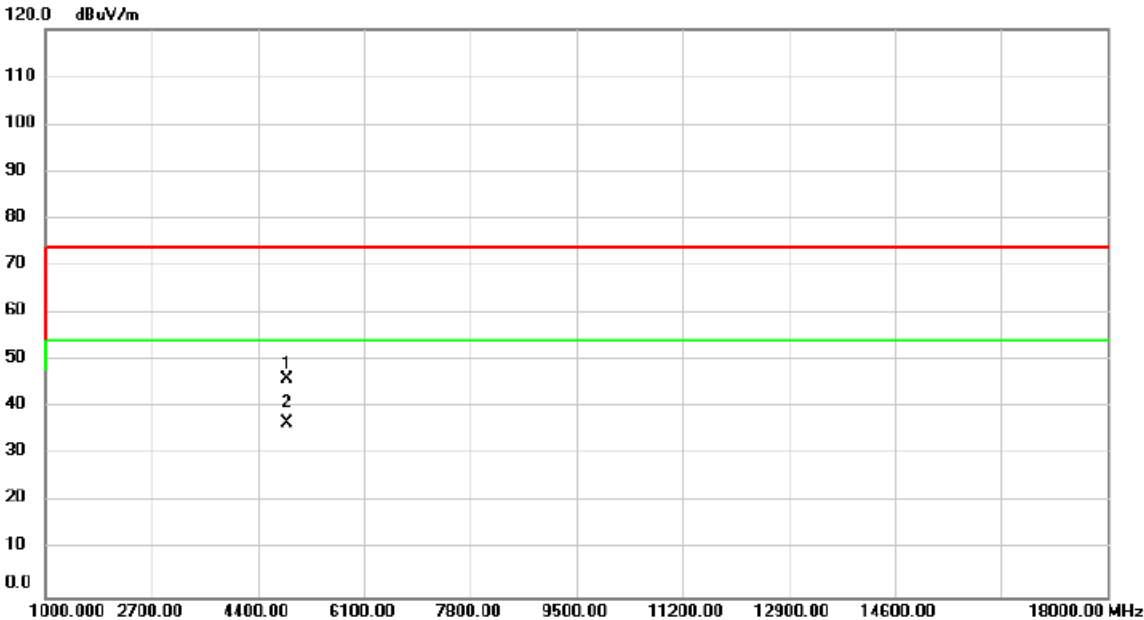


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	44.66	0.92	45.58	74.00	-28.42	peak	
2	*	4824.000	35.49	0.92	36.41	54.00	-17.59	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



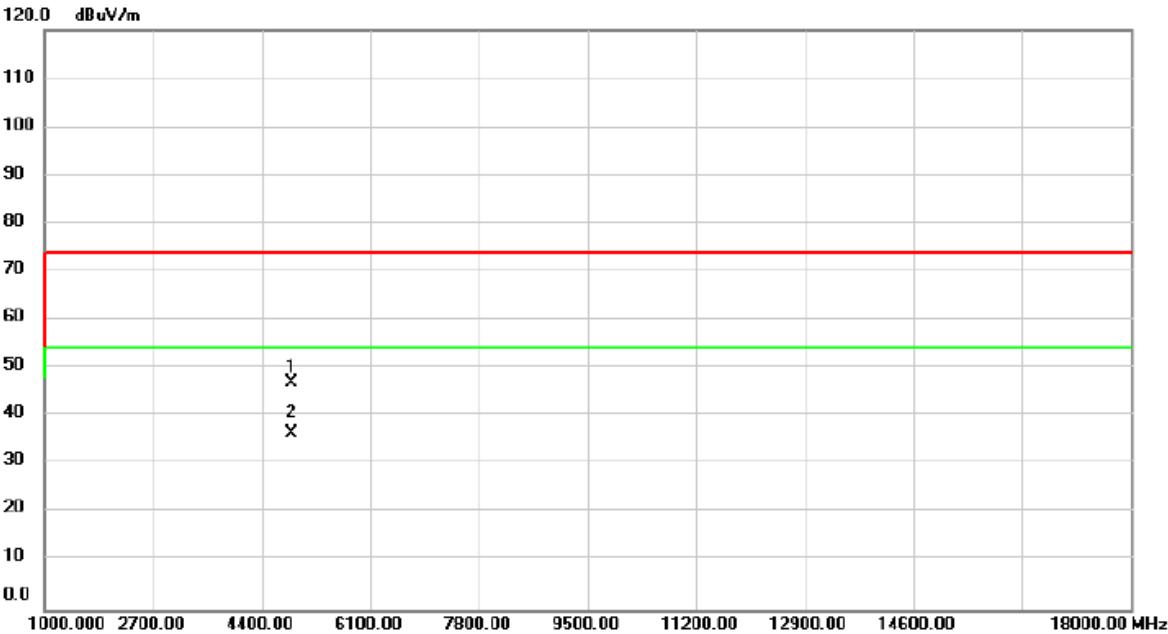
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.99	1.02	46.01	74.00	-27.99	peak	
2	*	4874.000	35.66	1.02	36.68	54.00	-17.32	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

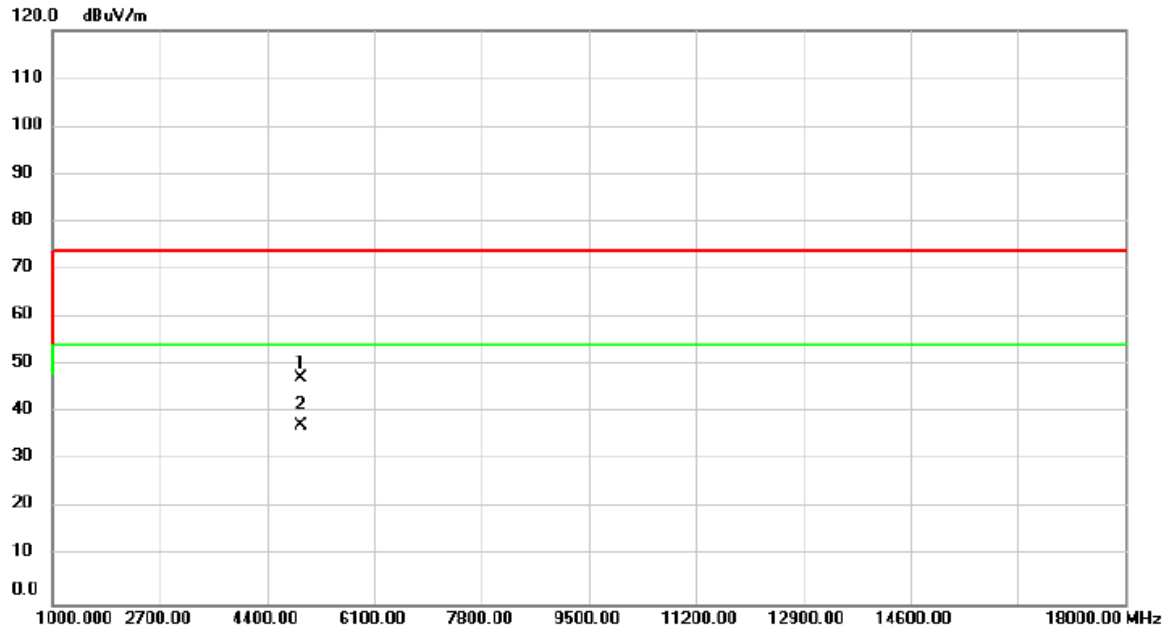
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	45.79	1.02	46.81	74.00	-27.19	peak	
2	*	4874.000	35.47	1.02	36.49	54.00	-17.51	AVG	

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

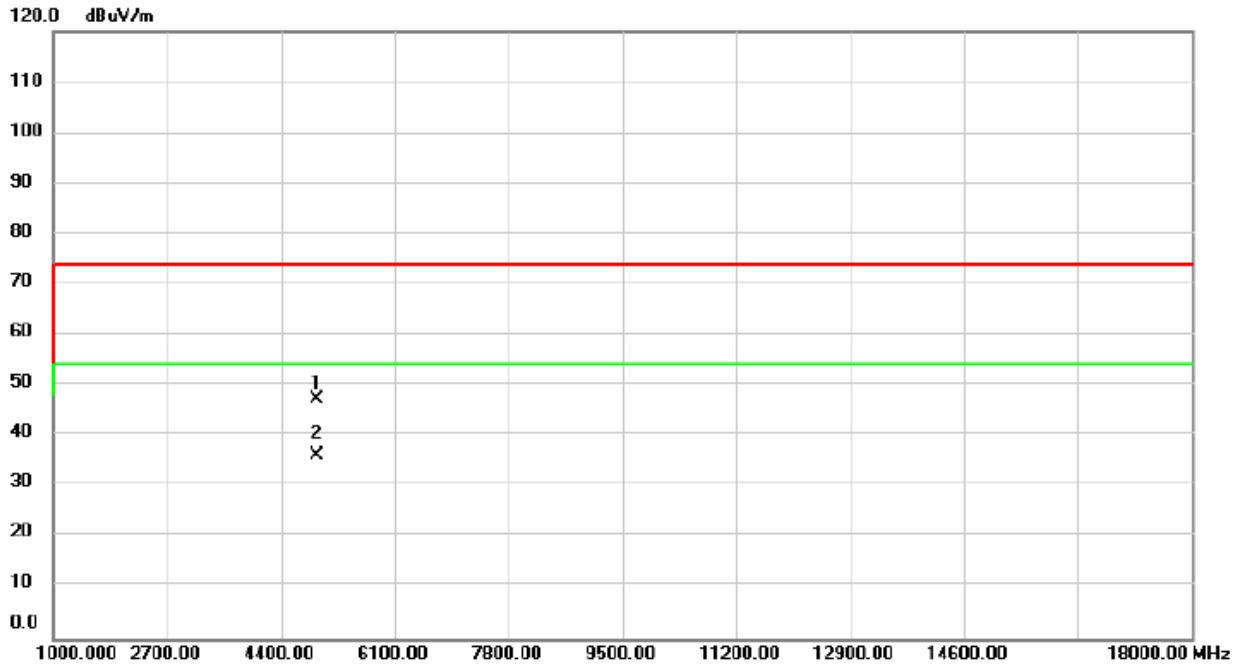


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	46.02	1.13	47.15	74.00	-26.85	peak	
2	*	4924.000	36.33	1.13	37.46	54.00	-16.54	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/6
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%

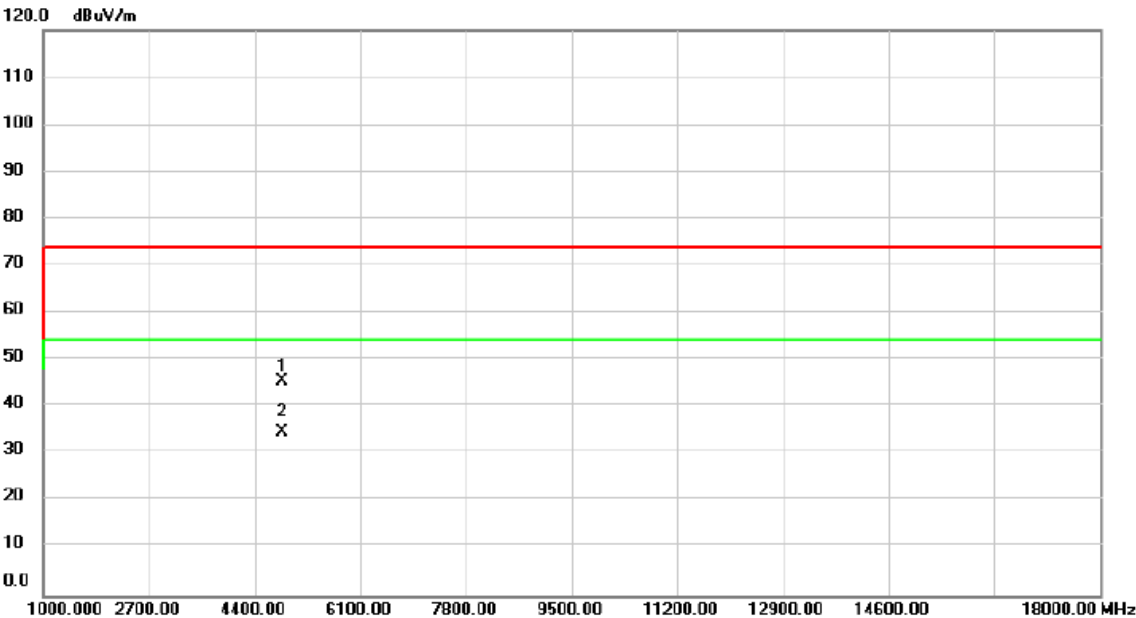


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	46.18	1.13	47.31	74.00	-26.69	peak	
2	*	4924.000	34.93	1.13	36.06	54.00	-17.94	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/8/6
Test Frequency	2422MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



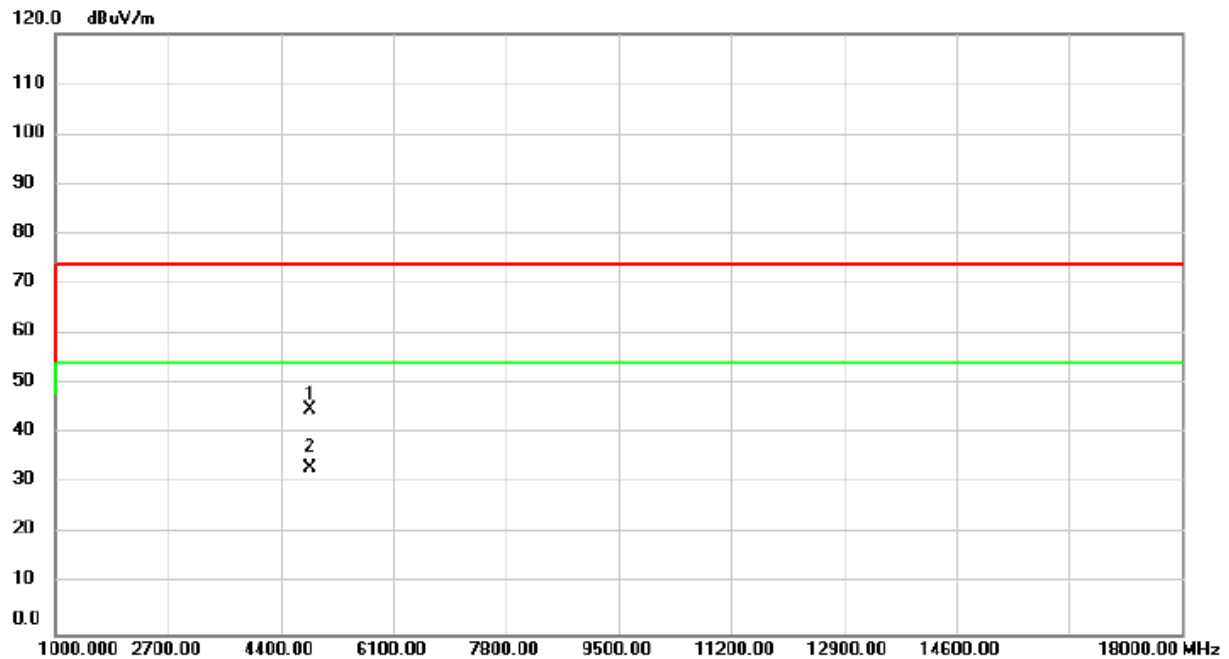
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.50	0.96	45.46	74.00	-28.54	peak	
2	*	4844.000	33.83	0.96	34.79	54.00	-19.21	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/8/6
Test Frequency	2422MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%

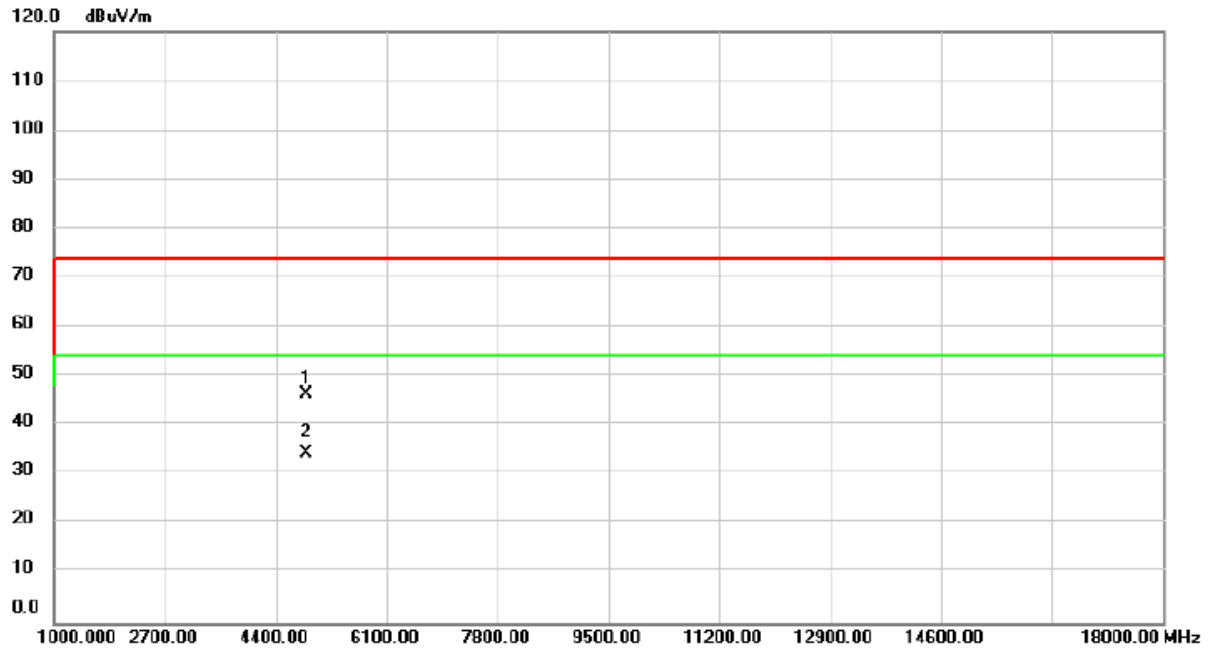


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	43.99	0.96	44.95	74.00	-29.05	peak	
2	*	4844.000	32.34	0.96	33.30	54.00	-20.70	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	53%

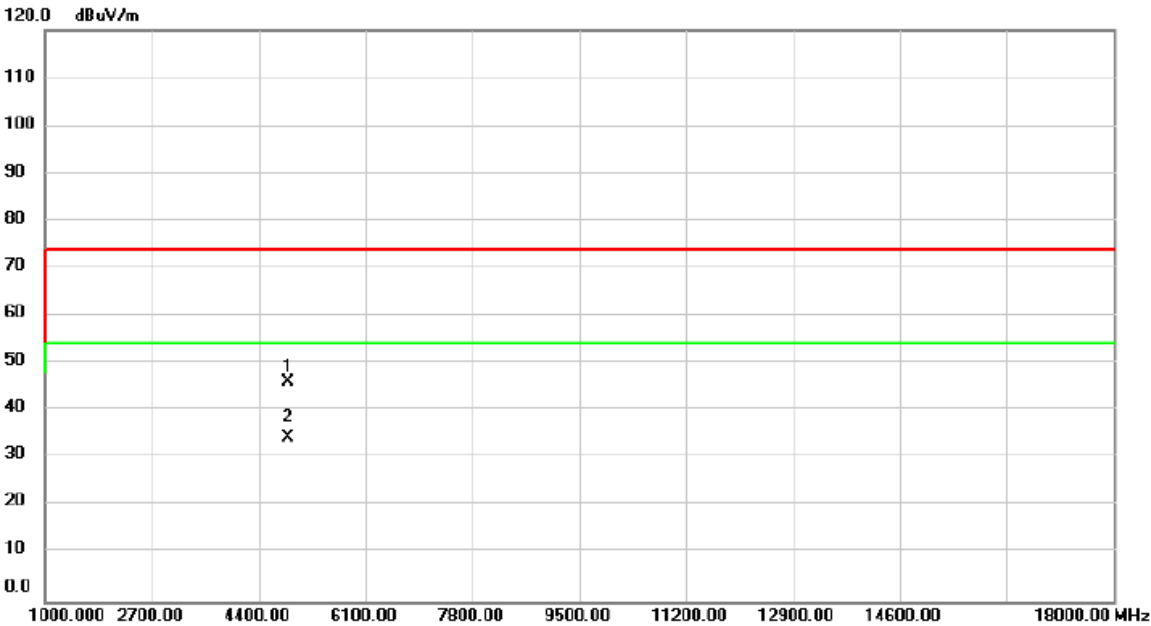


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.36	1.02	46.38	74.00	-27.62	peak	
2	*	4874.000	33.40	1.02	34.42	54.00	-19.58	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/8/6
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



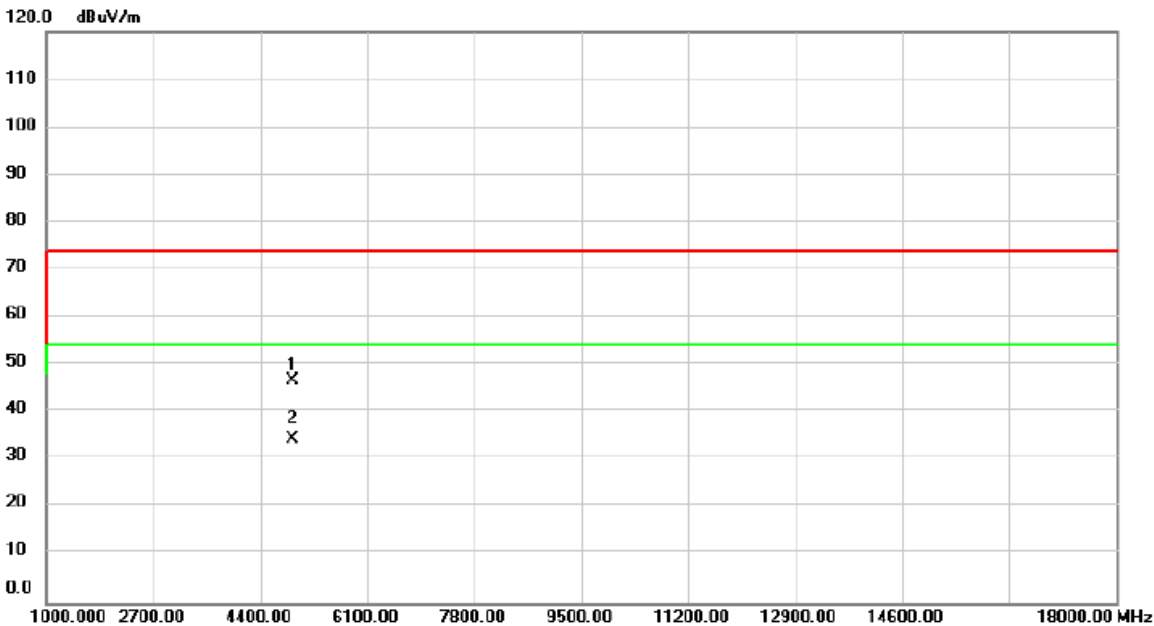
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.94	1.02	45.96	74.00	-28.04	peak	
2	*	4874.000	33.31	1.02	34.33	54.00	-19.67	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

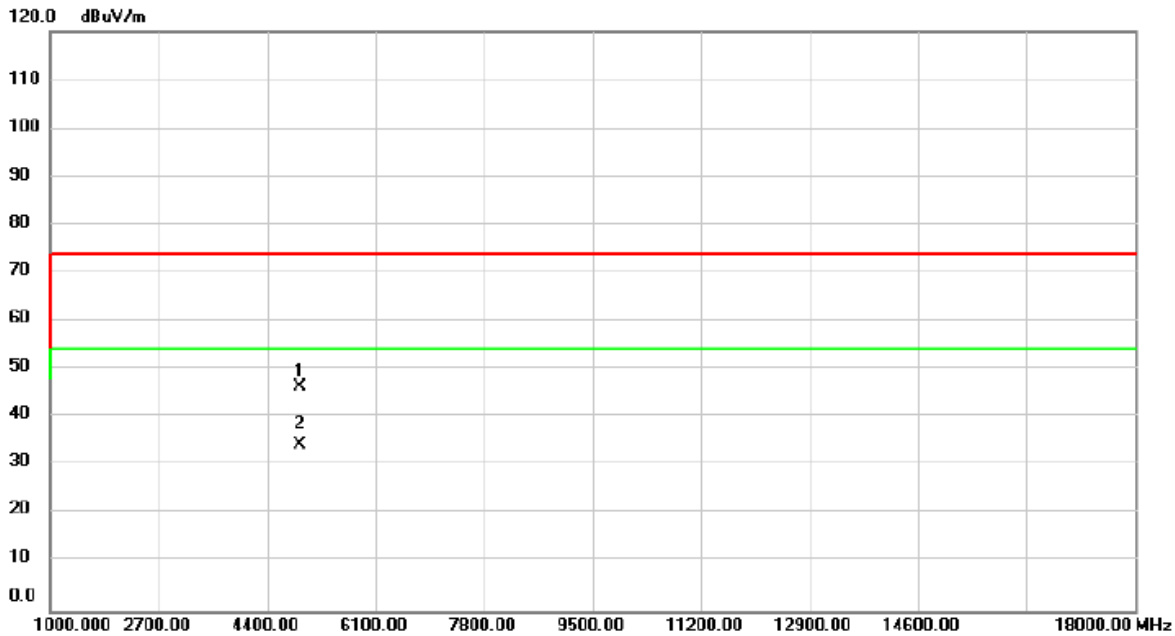
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/8/6
Test Frequency	2452MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	45.64	1.09	46.73	74.00	-27.27	peak	
2	*	4904.000	33.28	1.09	34.37	54.00	-19.63	AVG	

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

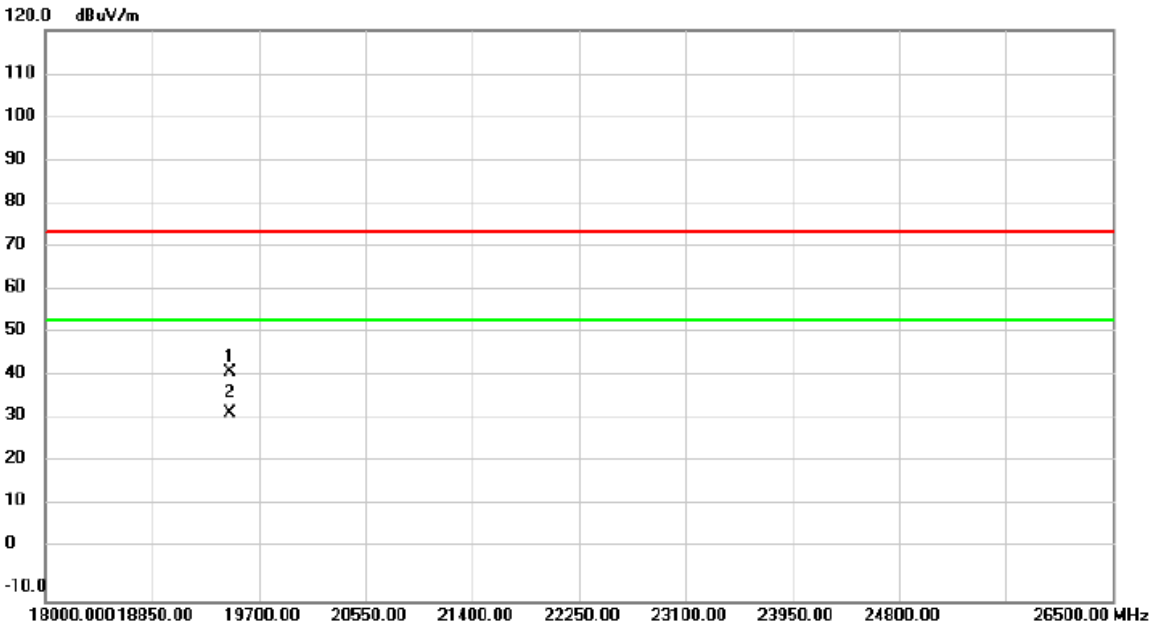
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/8/6
Test Frequency	2452MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	45.36	1.09	46.45	74.00	-27.55	peak	
2	*	4904.000	33.20	1.09	34.29	54.00	-19.71	AVG	

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

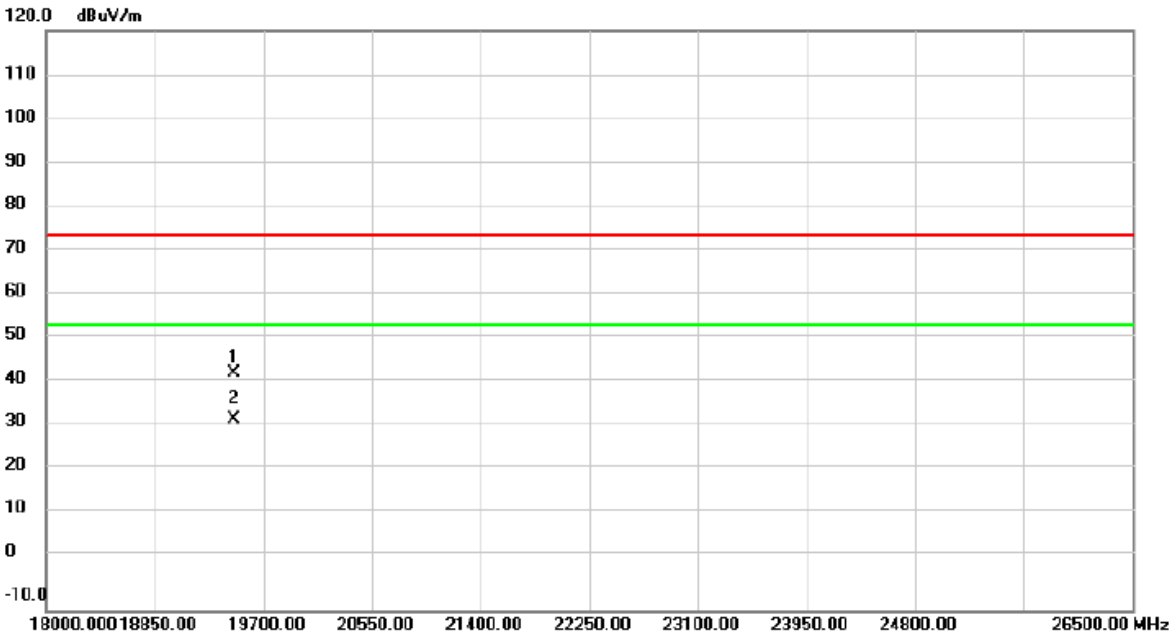
Test Mode	IEEE 802.11b	Test Date	2024/8/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		19464.00	48.55	-6.27	42.28	74.00	-31.72	peak	
2	*	19464.00	39.15	-6.27	32.88	54.00	-21.12	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2024/8/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	53%



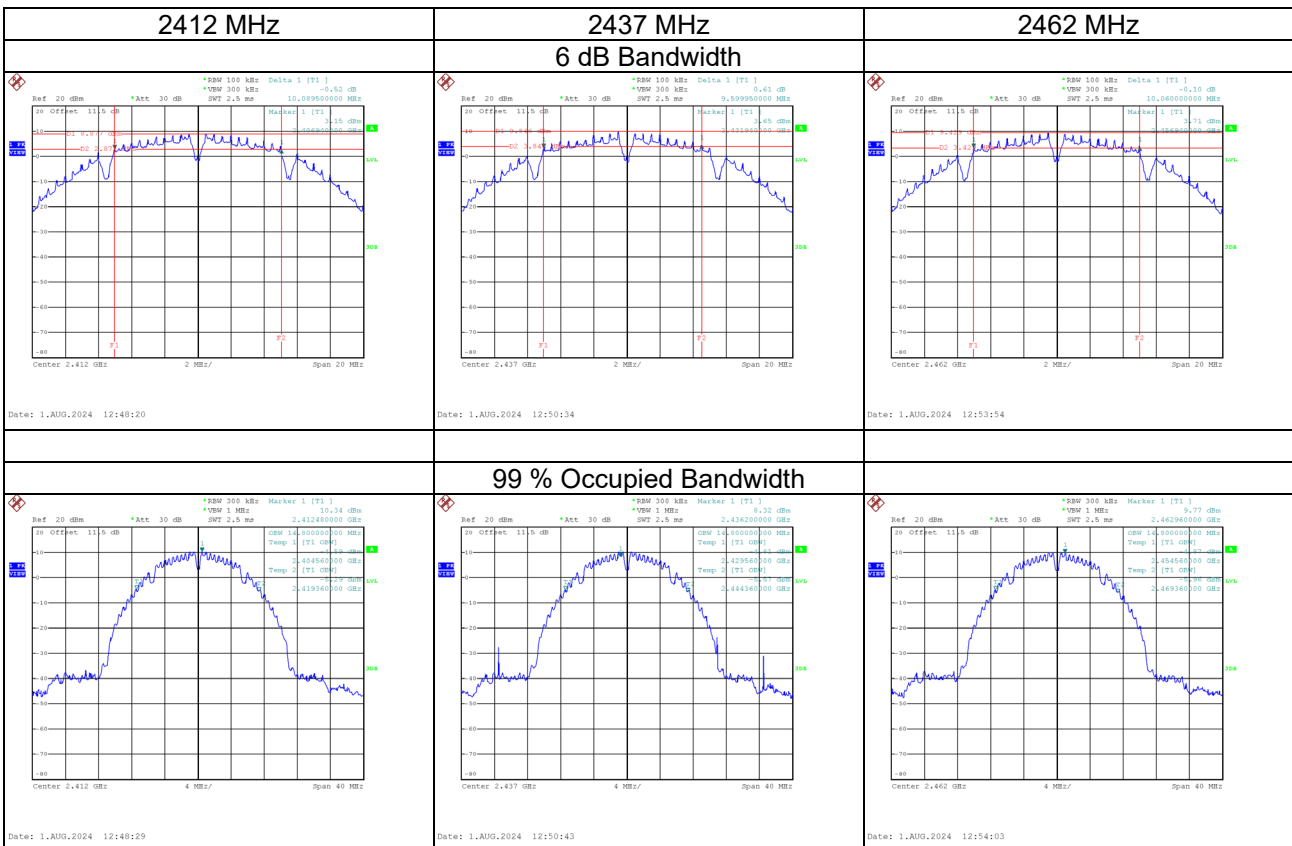
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		19464.00	49.54	-6.27	43.27	74.00	-30.73	peak	
2	*	19464.00	38.86	-6.27	32.59	54.00	-21.41	AVG	

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

APPENDIX E BANDWIDTH

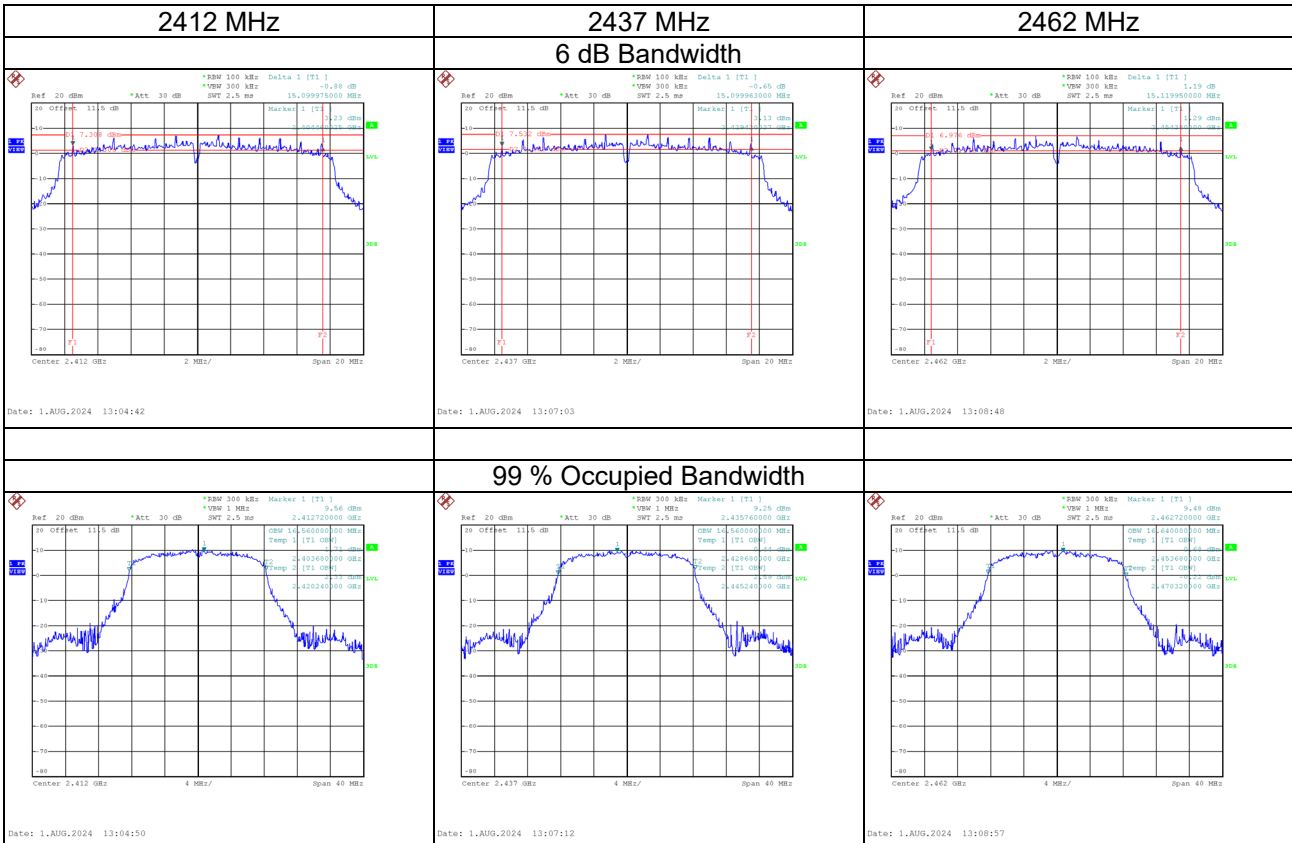
Test Mode	IEEE 802.11b
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.090	14.800	≥ 500	Pass
2437	9.600	14.800	≥ 500	Pass
2462	10.060	14.800	≥ 500	Pass



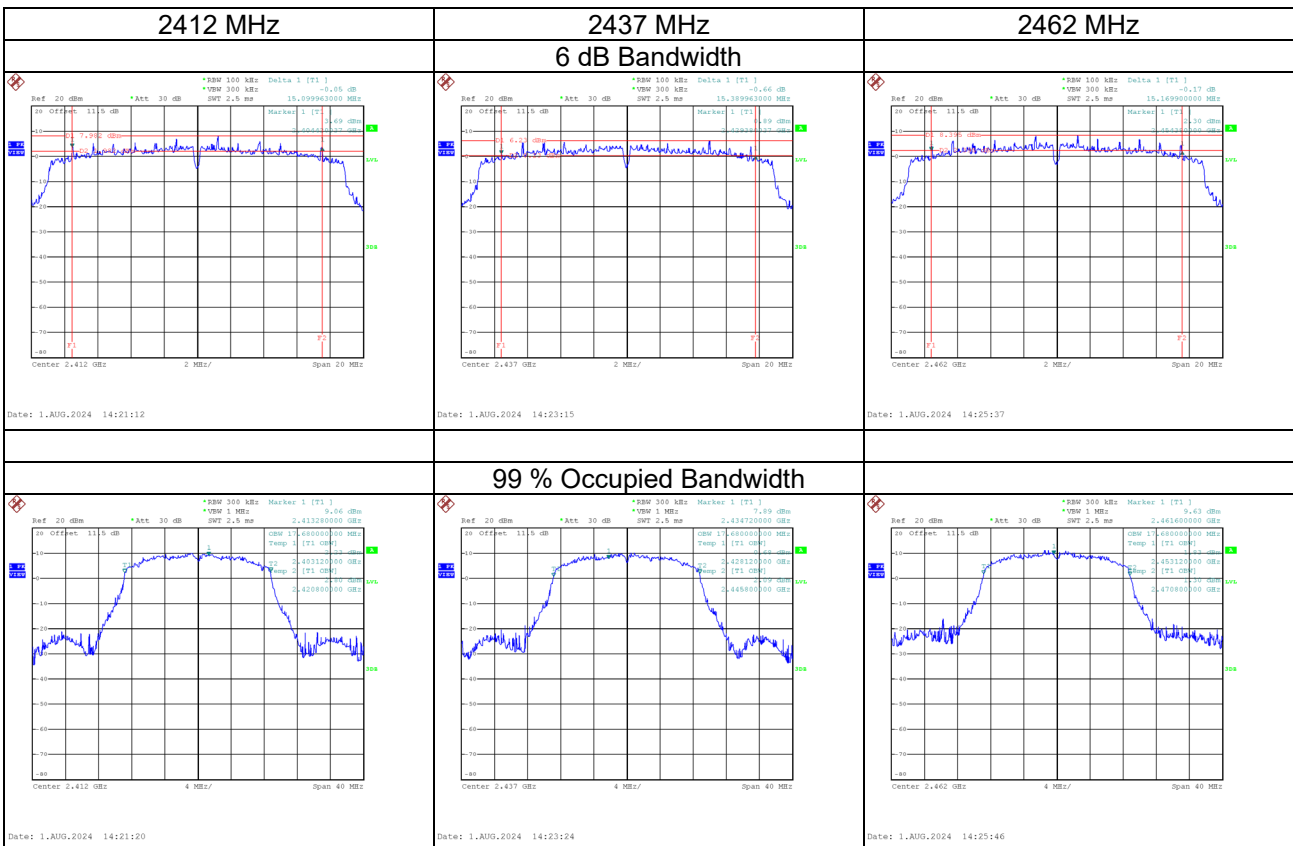
Test Mode	IEEE 802.11g
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.100	16.560	≥ 500	Pass
2437	15.100	16.560	≥ 500	Pass
2462	15.120	16.640	≥ 500	Pass



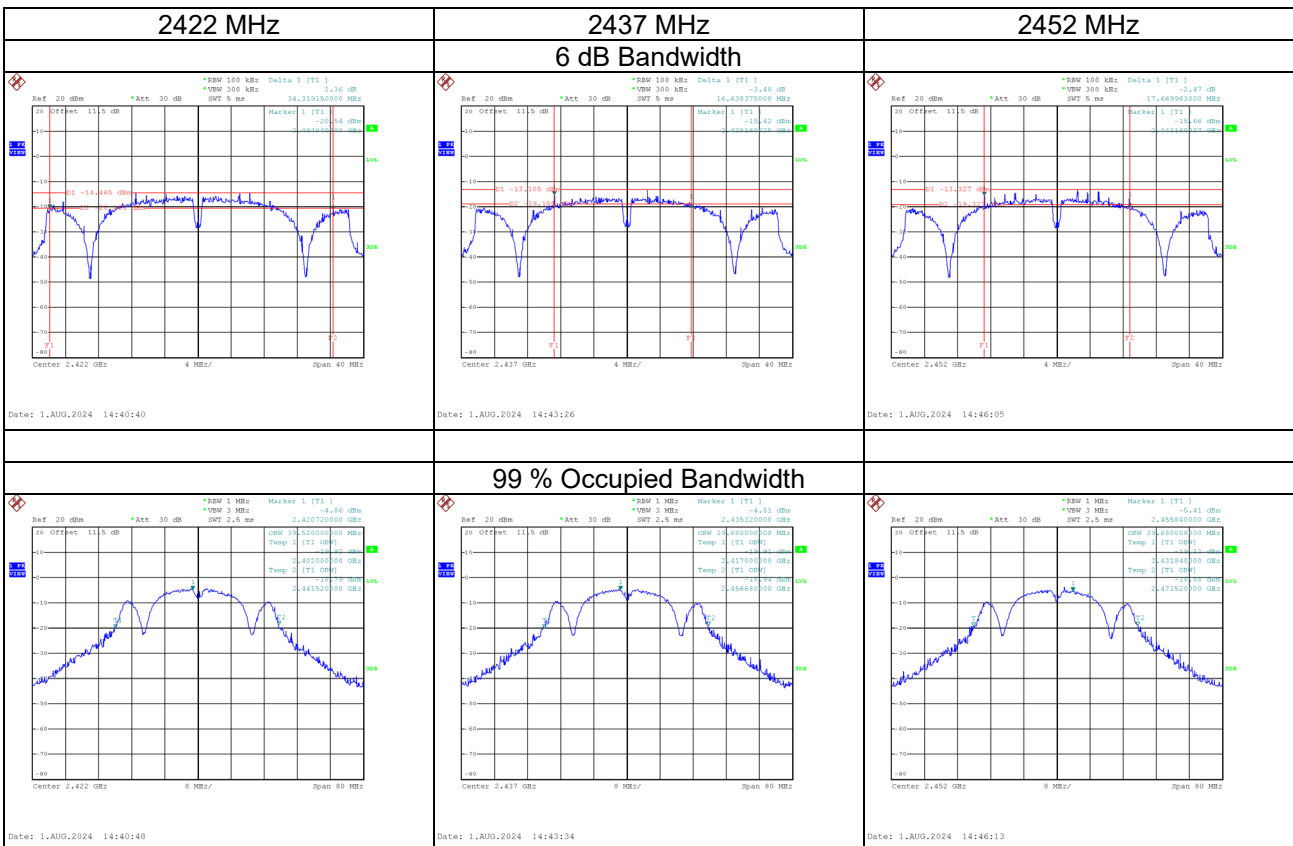
Test Mode	IEEE 802.11n (HT20)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.100	17.680	≥ 500	Pass
2437	15.390	17.680	≥ 500	Pass
2462	15.170	17.680	≥ 500	Pass



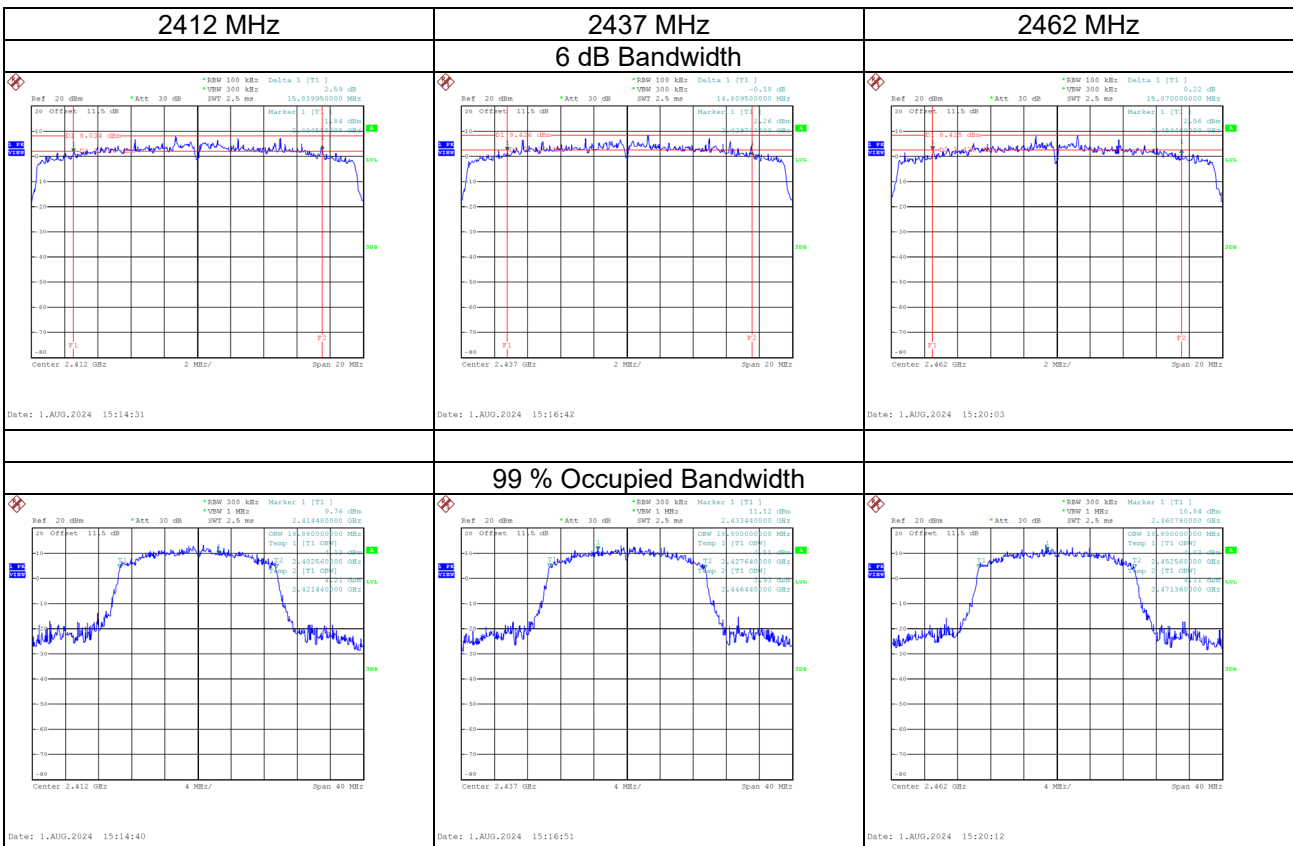
Test Mode	IEEE 802.11n (HT40)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	34.319	39.520	≥ 500	Pass
2437	16.638	39.680	≥ 500	Pass
2452	17.670	39.680	≥ 500	Pass



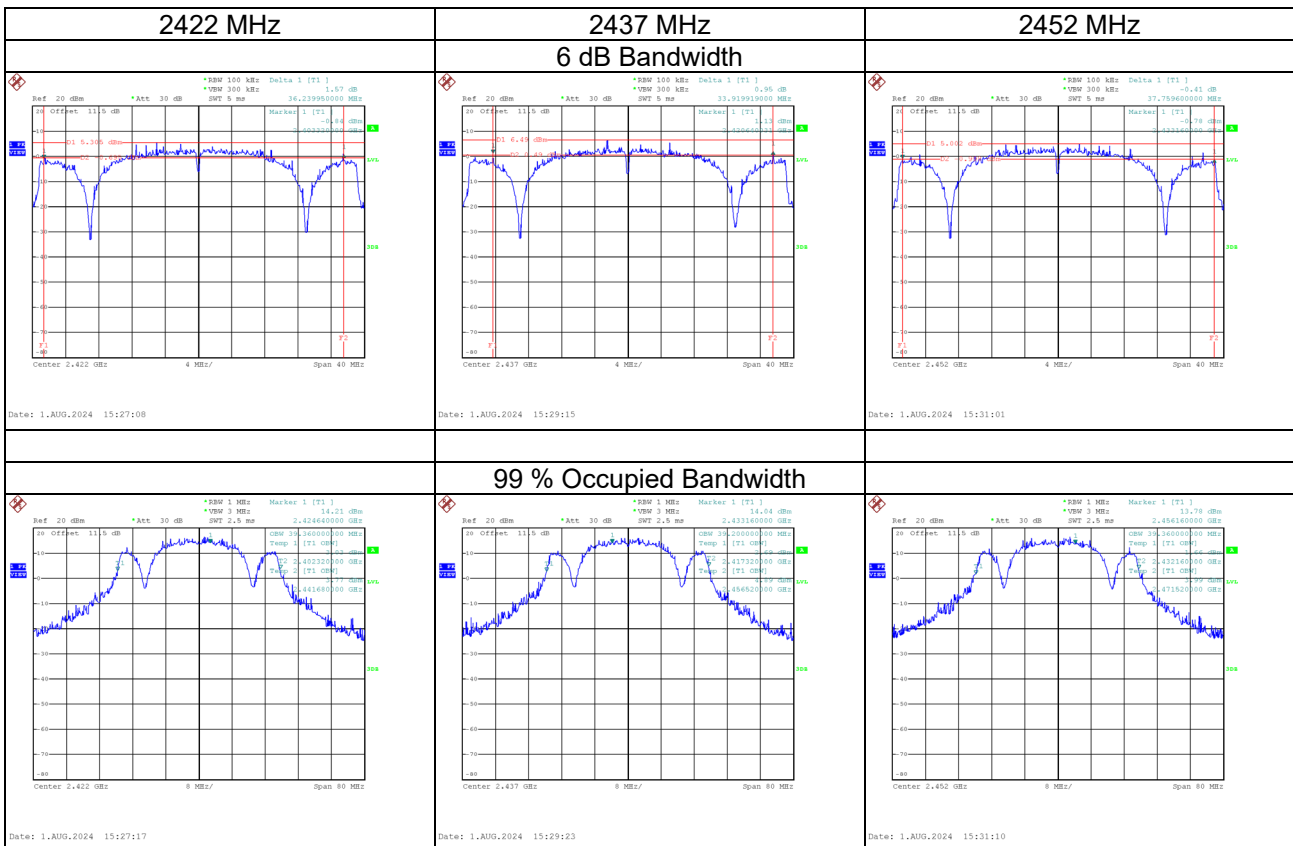
Test Mode	IEEE 802.11ax (HE20)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.040	18.880	≥ 500	Pass
2437	14.810	18.800	≥ 500	Pass
2462	15.070	18.800	≥ 500	Pass



Test Mode	IEEE 802.11ax (HE40)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	36.240	39.360	≥ 500	Pass
2437	33.920	39.200	≥ 500	Pass
2452	37.760	39.360	≥ 500	Pass



APPENDIX F OUTPUT POWER

Test Mode	IEEE 802.11b	Tested Date	2024/8/1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.87	0.00	19.87	30.00	1.0000	Complies
06	2437	19.63	0.00	19.63	30.00	1.0000	Complies
11	2462	19.32	0.00	19.32	30.00	1.0000	Complies

Test Mode	IEEE 802.11g	Tested Date	2024/8/1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.90	0.40	19.30	30.00	1.0000	Complies
06	2437	17.72	0.40	18.12	30.00	1.0000	Complies
11	2462	17.32	0.40	17.72	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)	Tested Date	2024/8/1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.79	0.54	18.33	30.00	1.0000	Complies
06	2437	17.42	0.54	17.96	30.00	1.0000	Complies
11	2462	18.14	0.54	18.68	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)	Tested Date	2024/8/1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	17.66	1.03	18.69	30.00	1.0000	Complies
06	2437	17.97	1.03	19.00	30.00	1.0000	Complies
09	2452	17.96	1.03	18.99	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)	Tested Date	2024/8/1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.37	0.35	19.72	30.00	1.0000	Complies
06	2437	18.91	0.35	19.26	30.00	1.0000	Complies
11	2462	18.77	0.35	19.12	30.00	1.0000	Complies

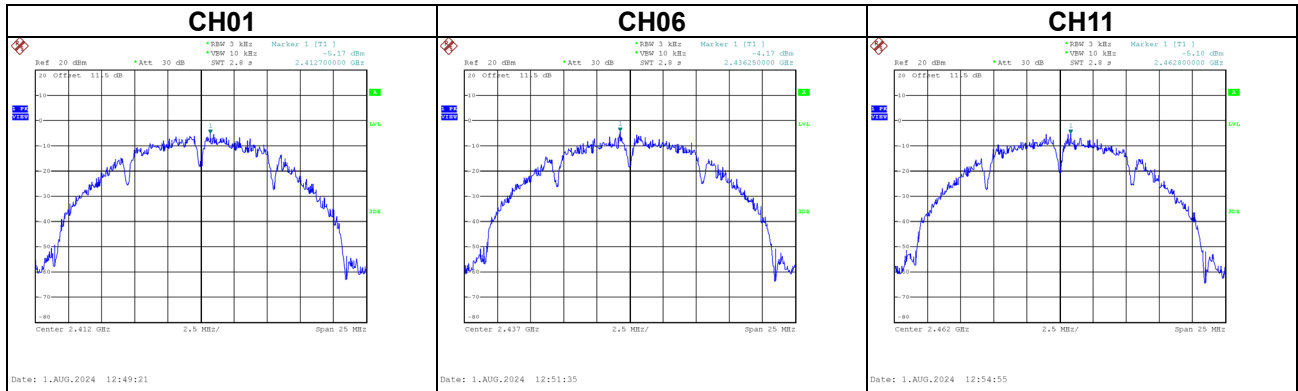
Test Mode	IEEE 802.11ax (HE40)	Tested Date	2024/8/1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	18.88	0.58	19.46	30.00	1.0000	Complies
06	2437	18.66	0.58	19.24	30.00	1.0000	Complies
09	2452	18.46	0.58	19.04	30.00	1.0000	Complies

APPENDIX G POWER SPECTRAL DENSITY

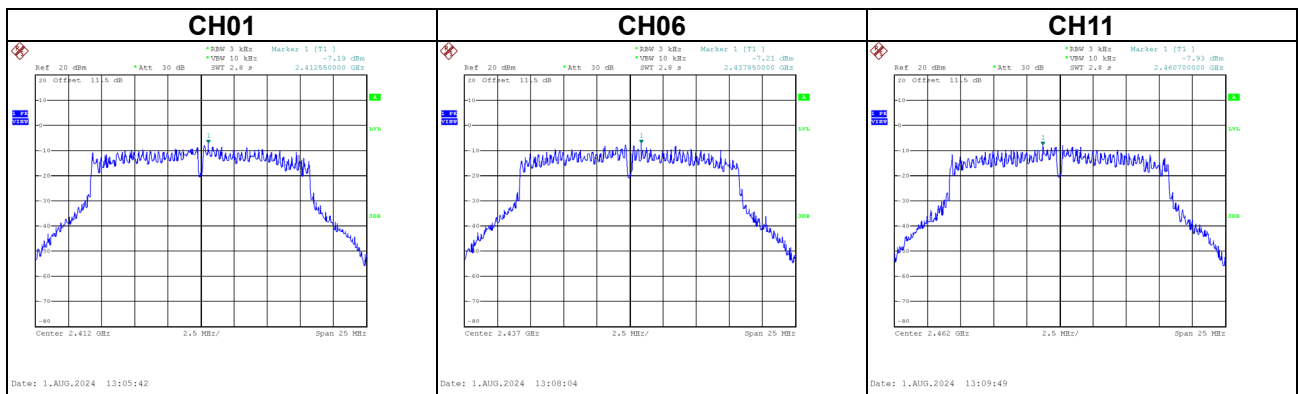
Test Mode	IEEE 802.11b
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-5.17	8.00	Complies
06	2437	-4.17	8.00	Complies
11	2462	-5.10	8.00	Complies



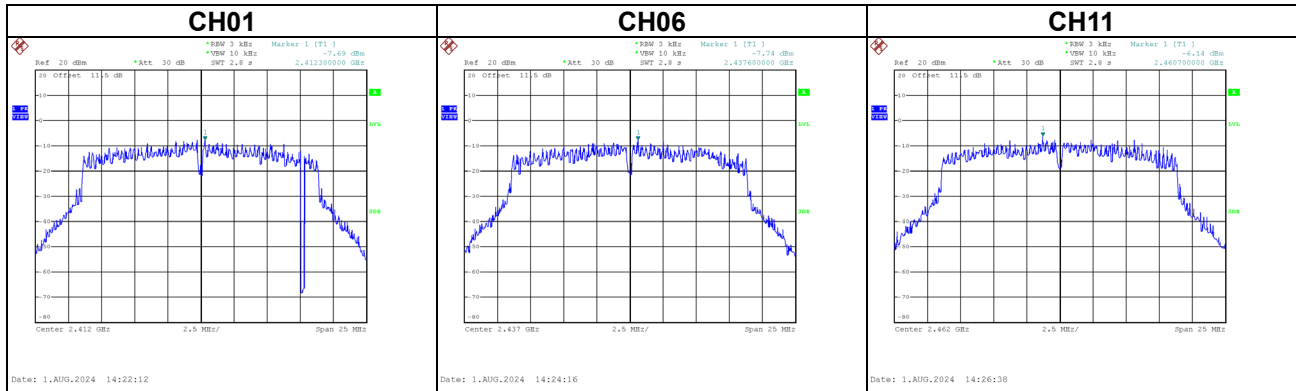
Test Mode	IEEE 802.11g
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-7.19	8.00	Complies
06	2437	-7.21	8.00	Complies
11	2462	-7.93	8.00	Complies



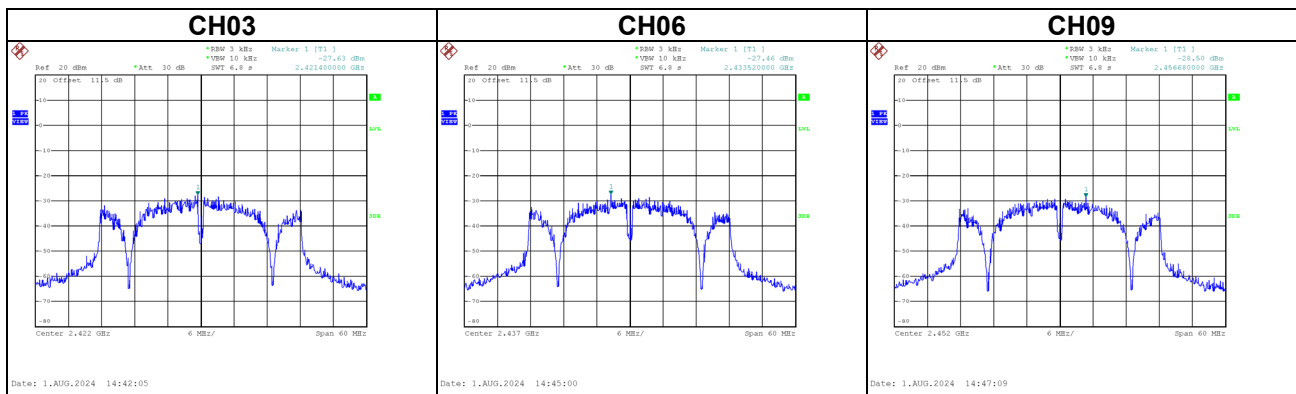
Test Mode	IEEE 802.11n (HT20)
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-7.69	8.00	Complies
06	2437	-7.74	8.00	Complies
11	2462	-6.14	8.00	Complies



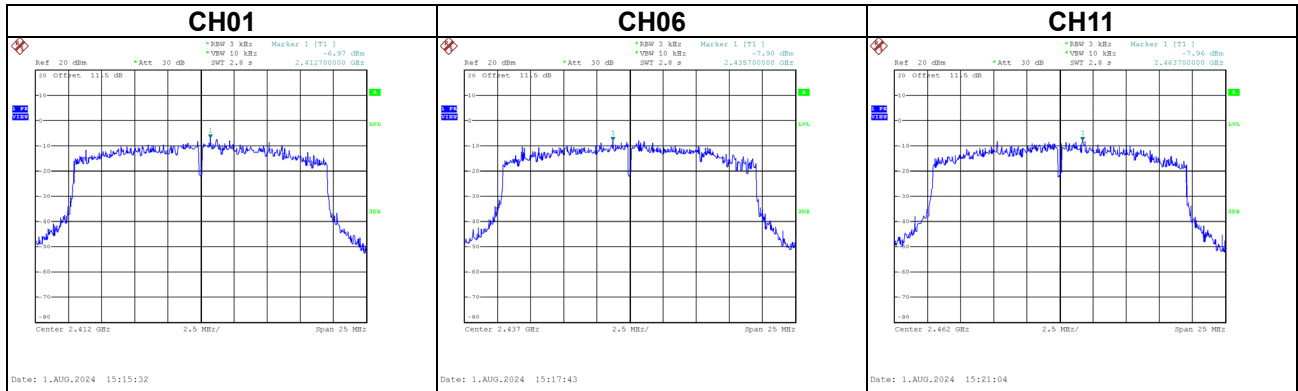
Test Mode	IEEE 802.11n (HT40)
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-27.63	8.00	Complies
06	2437	-27.46	8.00	Complies
09	2452	-28.50	8.00	Complies



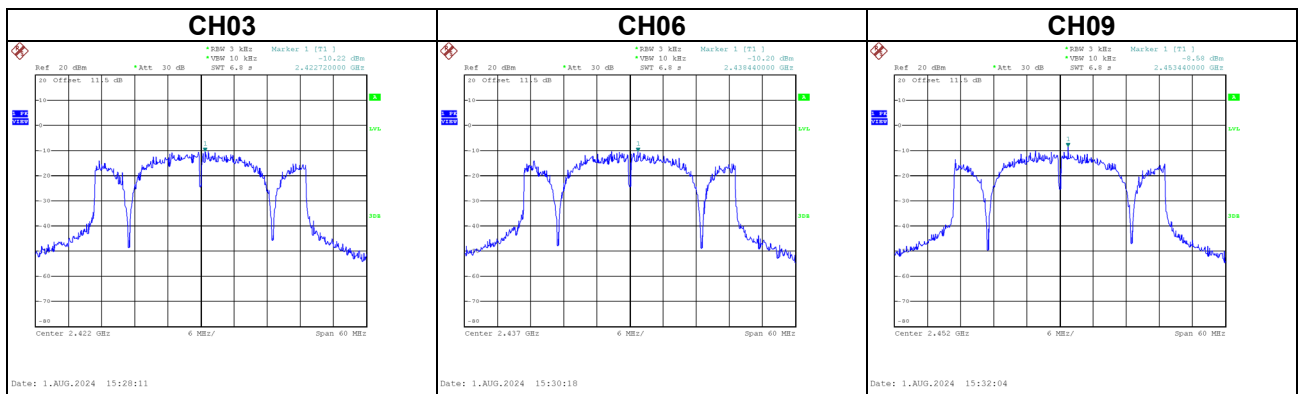
Test Mode	IEEE 802.11ax (HE20)
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-6.97	8.00	Complies
06	2437	-7.90	8.00	Complies
11	2462	-7.96	8.00	Complies



Test Mode	IEEE 802.11ax (HE40)
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-10.22	8.00	Complies
06	2437	-10.20	8.00	Complies
09	2452	-8.58	8.00	Complies



APPENDIX H ANTENNA CONDUCTED SPURIOUS EMISSIONS

Test Mode	IEEE 802.11b
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