

FCC Radio Test Report

FCC ID: BEJNT-15U50Q

Report No. : BTL-FCCP-3-2302T026
Equipment : Notebook Computer
Model Name : 15U50Q
Brand Name : LG
Applicant : LG Electronics USA
Address : 111 Sylvan Avenue, North Building, Englewood Cliffs, New Jersey 07632, United States

Radio Function : WLAN 2.4 GHz

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

Date of Receipt : 2023/2/6
Date of Test : 2023/2/10 ~ 2023/2/17
Issued Date : 2023/3/6

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

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Declaration

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

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

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

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2302T026	R00	Original Report.	2023/3/6	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

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

NOTE:

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

1.1 TEST FACILITY

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

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

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

C05 CB08 CB11 SR10 SR11

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

C06 CB21 CB22

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, 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)
C05	CISPR	150 kHz ~ 30MHz	3.44

B. Radiated emissions test :

Test Site	Measurement Frequency Range	U (dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

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

NOTE:

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	22 °C, 65 %	AC 120V	Jay Tien
Radiated emissions below 1 GHz	Refer to data	AC 120V	Mark Wang
Radiated emissions above 1 GHz	Refer to data	AC 120V	Mark Wang
Bandwidth	19.7 °C, 56 %	AC 120V	Jay Tien
Output Power	19.7 °C, 56 %	AC 120V	Jay Tien
Power Spectral Density	19.7 °C, 56 %	AC 120V	Jay Tien
Antenna conducted Spurious Emission	19.7 °C, 56 %	AC 120V	Jay Tien

1.4 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

Antenna	SISO_Main					
Test Software	DRTU V03544.22.200.0					
Mode	2412 MHz	2442 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	19.875	19.875	19.875	17	16.5	1 Mbps
IEEE 802.11g	19.5	20	18.75	15	13	6 Mbps

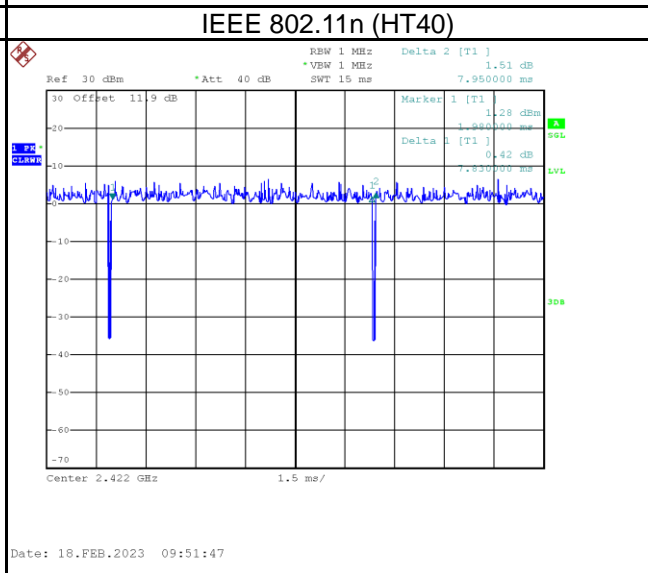
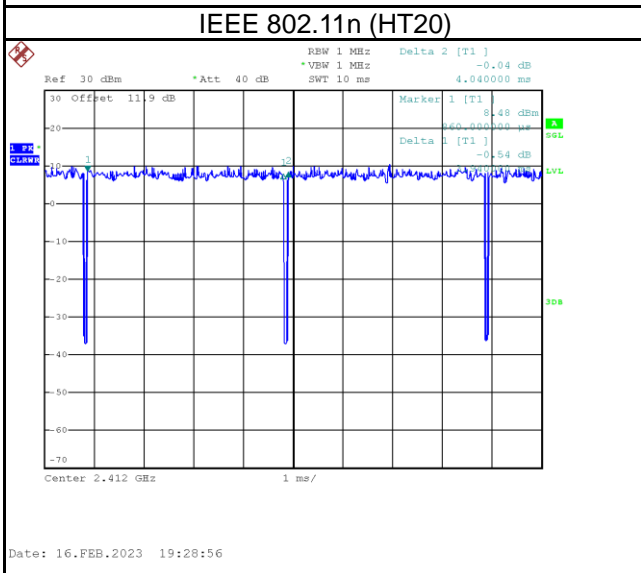
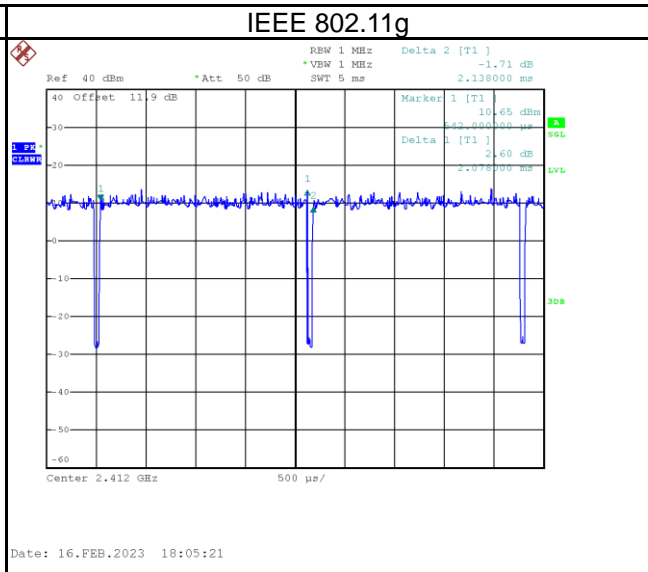
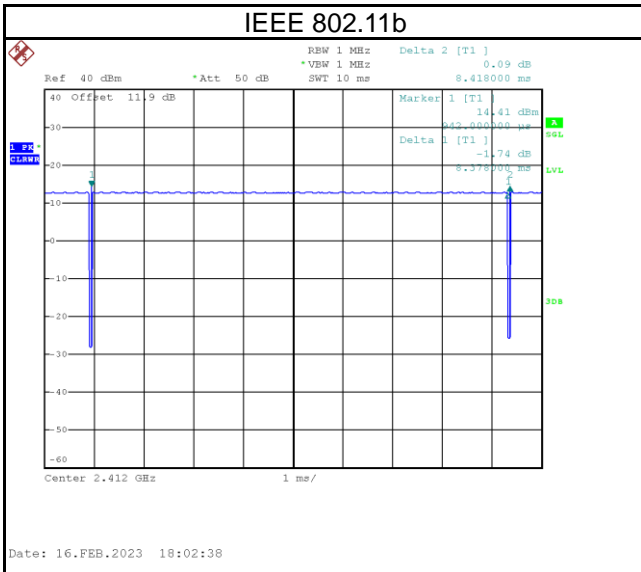
Antenna	SISO_Aux					
Test Software	DRTU V03544.22.200.0					
Mode	2412 MHz	2442 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	20	20	19.875	17	16.5	1 Mbps
IEEE 802.11g	19.25	20.125	19	15	13	6 Mbps

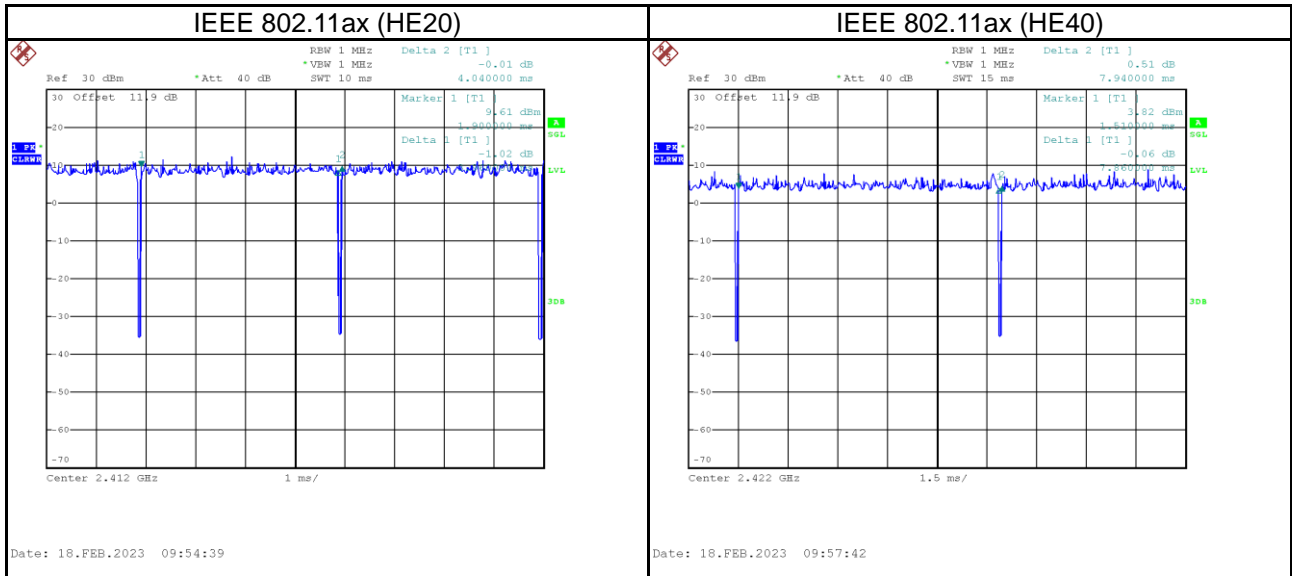
Antenna	MIMO_Main+ Aux					
Test Software	DRTU V03544.22.200.0					
Mode	2412 MHz	2442 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11n (HT20)	16.5	17	16.25	15	11.75	HT 0
IEEE 802.11ax (HE20)	16.5	17.25	16.25	14.5	11.75	MCS 0
Mode	2422 MHz	2442 MHz	2452 MHz	2457 MHz	2462 MHz	Data Rate
IEEE 802.11n (HT40)	16.25	16.75	15	11.25	11.25	HT 0
IEEE 802.11ax (HE40)	16.25	16.75	16	10.75	10	MCS 0

1.5 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	8.378	1	8.378	8.418	99.52%	0.02
IEEE 802.11g	2.078	1	2.078	2.138	97.19%	0.12
IEEE 802.11n (HT20)	3.940	1	3.940	4.040	97.52%	0.11
IEEE 802.11n (HT40)	7.830	1	7.830	7.950	98.49%	0.07
IEEE 802.11ax (HE20)	3.960	1	3.960	4.040	98.02%	0.09
IEEE 802.11ax (HE40)	7.860	1	7.860	7.940	98.99%	0.04





2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Notebook Computer
Model Name	15U50Q
Brand Name	LG
Model Difference	N/A
Power Source	DC voltage supplied from AC/DC Adapter.
Power Rating	19.0V $\overline{=}$ 3.42A
Power Adapter Power Rating	I/P: 100-240V~1.7A 50-60Hz O/P: 19.0V $\overline{=}$ 3.42A 65.0W
Power Adapter	Chicony / A18-065N3A
Battery	LG / LBX822BM
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2472 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 866.7 Mbps
Output Power Max. -Main Antenna	IEEE 802.11b: 21.10 dBm (0.1288 W) IEEE 802.11g: 23.01 dBm (0.2000 W)
Output Power Max. -Aux Antenna	IEEE 802.11b: 21.25 dBm (0.1334 W) IEEE 802.11g: 23.44 dBm (0.2208 W)
Output Power Max. -Main + Aux (MIMO Mode)	IEEE 802.11n (HT20): 23.99 dBm (0.2505 W) IEEE 802.11n (HT40): 24.58 dBm (0.2872W) IEEE 802.11ax (HE20): 24.25 dBm (0.2663 W) IEEE 802.11ax (HE40): 23.61 dBm (0.2294 W)
Test Model	15U50Q
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

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

(2) Channel List:

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

(3) Table for Filed Antenna:

Ant.	Brand	Part number	Type	Frequency Range (MHz)	Gain (dBi)
Main	High-Tek Electronics Co., Ltd	DQ60ACQD0B3	PIFA	2400-2483.5	1.41
				5150-5250	2.83
				5250-5350	2.83
				5470-5725	2.93
				5725-5850	2.93
Aux	High-Tek Electronics Co., Ltd	DQ60ACQD0B3	PIFA	2400-2483.5	2.20
				5150-5250	2.22
				5250-5350	2.65
				5470-5725	2.72
				5725-5850	2.88

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

(5) Operating Mode and Antenna Configuration

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

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11b	07	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11/12/13	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)	03/09/10/11	
	TX Mode_IEEE 802.11n (HT40)		
	TX Mode_IEEE 802.11ax (HE40)		
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/07/11/12/13	Harmonic
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)	03/07/09/10/11	
	TX Mode_IEEE 802.11n (HT40)		
	TX Mode_IEEE 802.11ax (HE40)		
Bandwidth & Output Power & Power Spectral Density & Antenna conducted Spurious Emission	TX Mode_IEEE 802.11b	01/07/11/12/13	-
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)	03/07/09/10/11	
	TX Mode_IEEE 802.11n (HT40)		
	TX Mode_IEEE 802.11ax (HE40)		

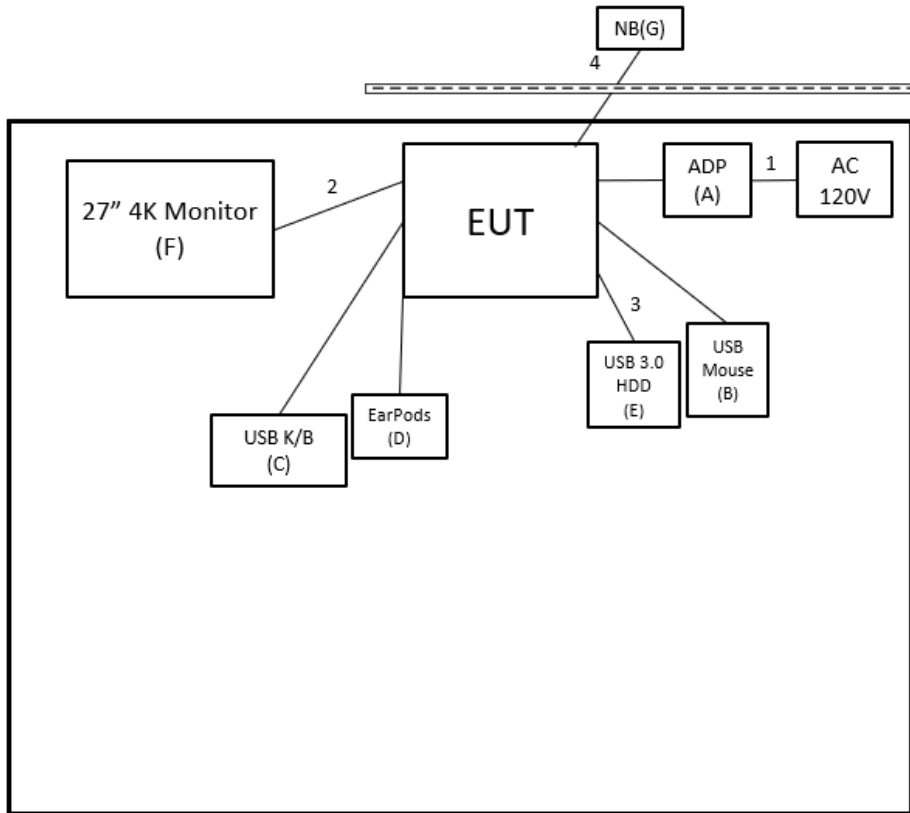
NOTE:

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

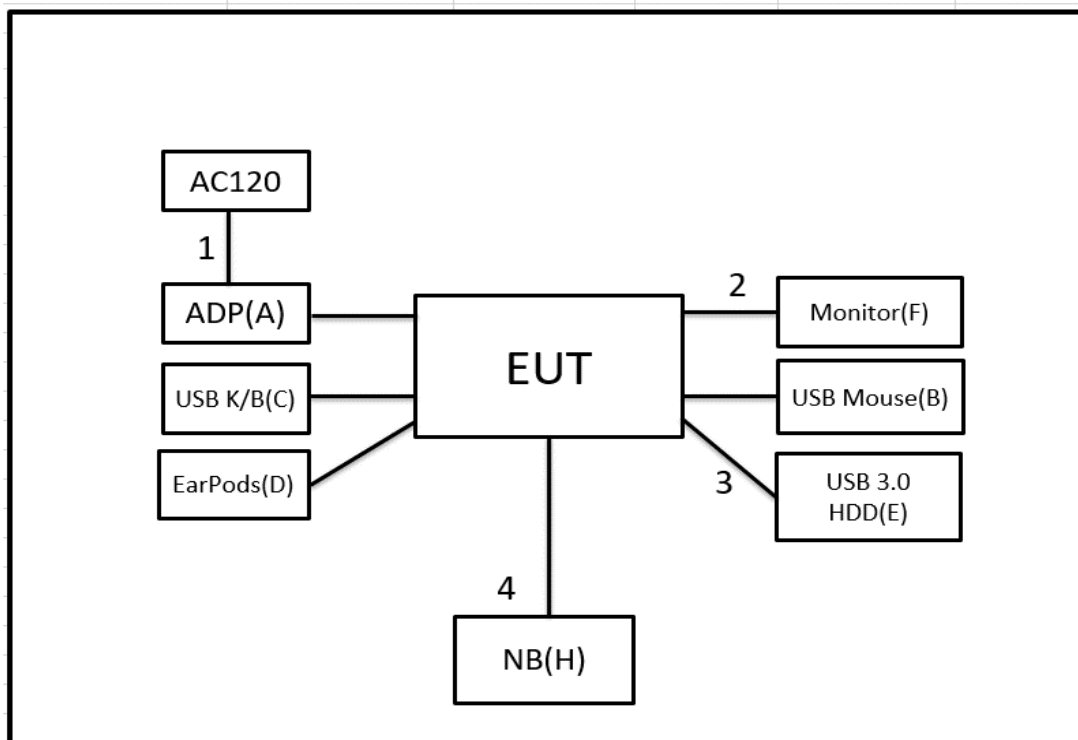
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	CHICONY	A18-065N3A	N/A	Supplied by test requester
B	USB Mouse	DELL	MOCZUL	CN-049TWY-PRC0 0-79E-01HA	Furnished by test lab.
C	USB K/B	DELL	KB216t	CN-0W33XP-L0300 -797-05TY-A03	Furnished by test lab.
D	EarPods	Apple	A1472	N/A	Furnished by test lab.
E	USB 3.0 HDD	WD	WDBC3C0010BSL-0B	WX81A88ALJUC	Furnished by test lab.
F	27" 4K Monitor	DELL	U2718Qb	CN-0M5R5F-QDC0 0-818-041L-A03	Furnished by test lab.
G	NB	DELL	OptiPlex 790 MT	64NJVBX	Furnished by test lab.
H	NB	HP	TPN-I119	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	No	No	1m	Power Cable	Furnished by test lab.
2	No	No	1.7m	HDMI Cable	Furnished by test lab.
3	No	No	0.17m	TypeC to TypeC Cable	Furnished by test lab.
4	No	No	2m	RJ-45 Cable	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

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

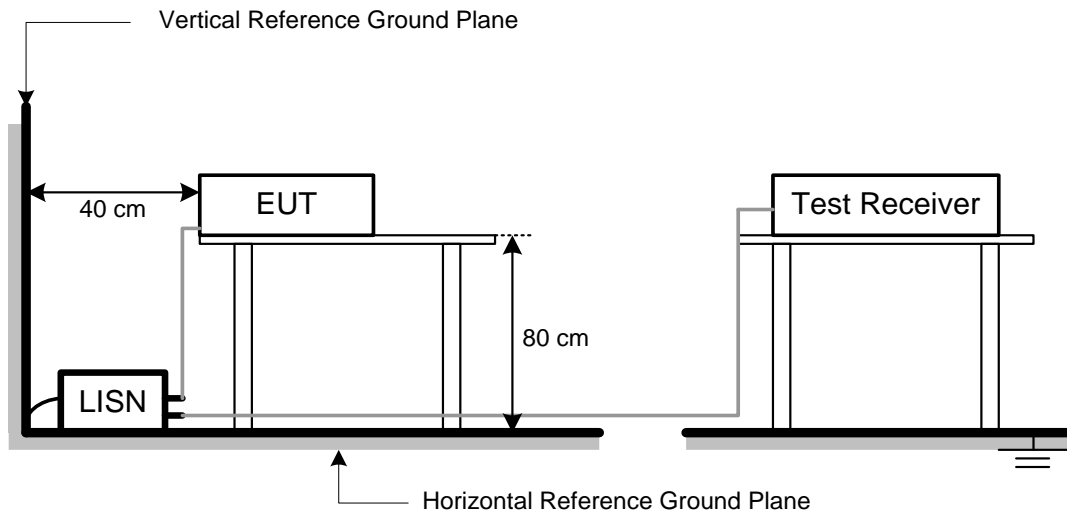
NOTE:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

NOTE:

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

Measurement Value = Reading Level + Correct Factor

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

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level		Correct Factor		Measurement Value
19.11	+	2.11	=	21.22

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

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

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

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

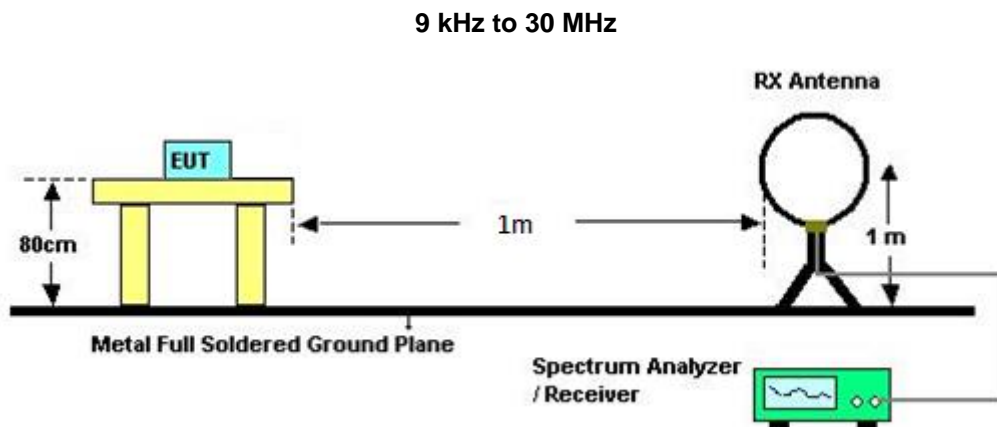
4.2 TEST PROCEDURE

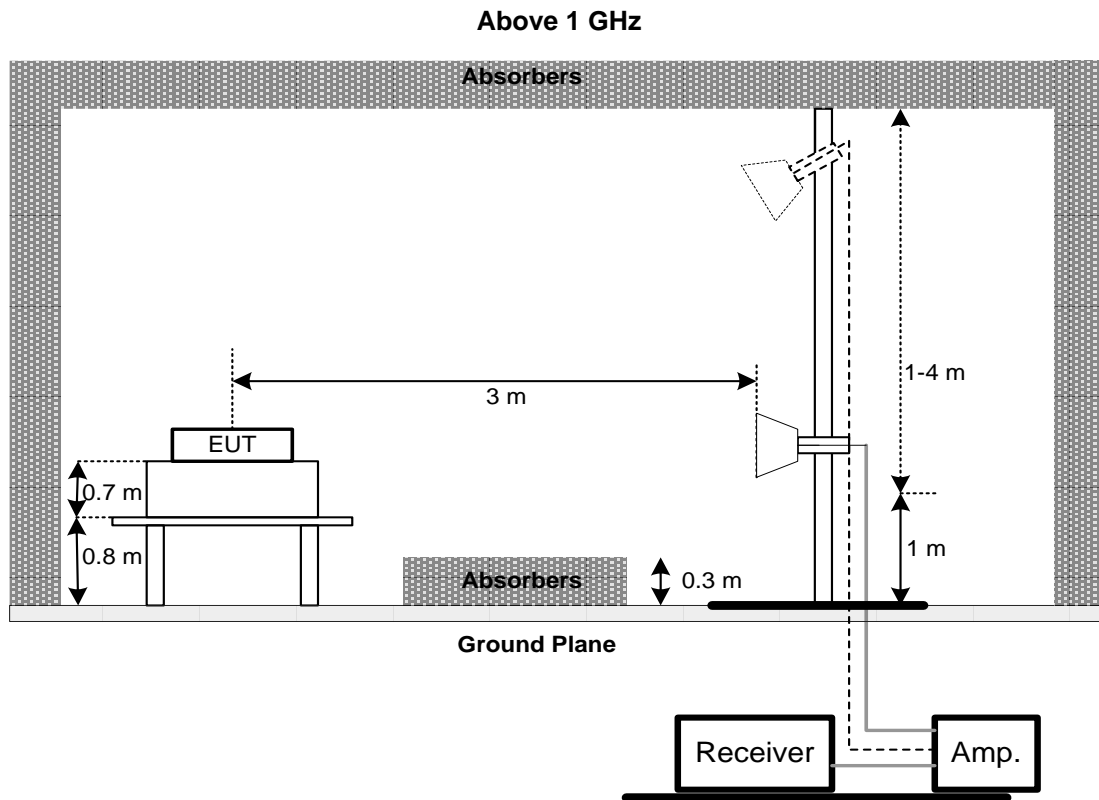
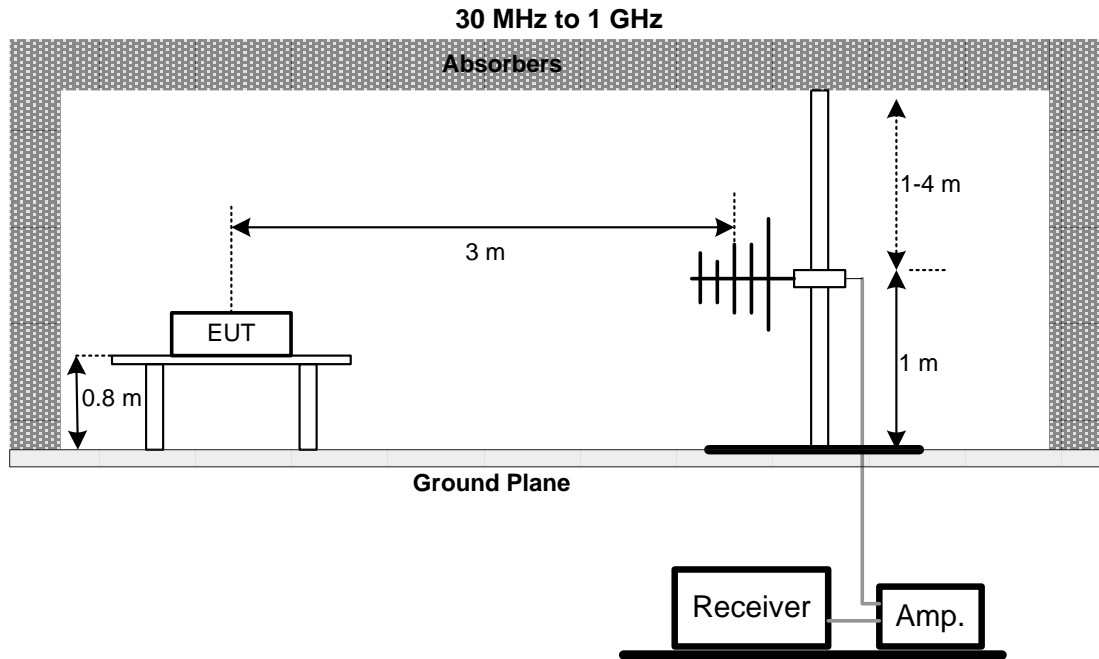
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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





4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – BELOW 30 MHZ

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

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

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

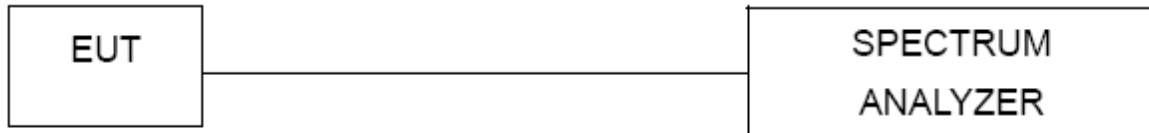
5.2 TEST PROCEDURE

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

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

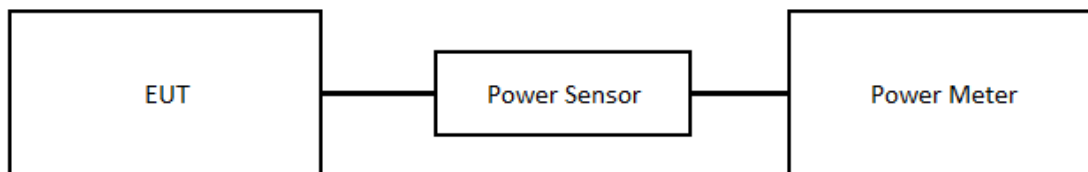
6.2 TEST PROCEDURE

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

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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

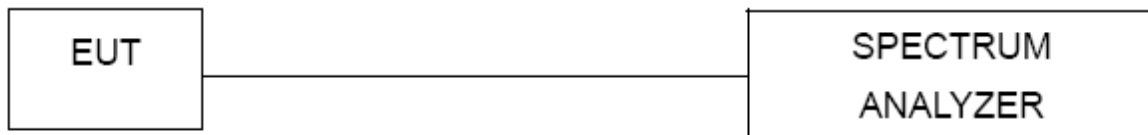
7.2 TEST PROCEDURE

- 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 F.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

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

8.2 TEST PROCEDURE

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

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX G.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101521	2022/9/28	2023/9/27
2	Test Cable	EMCI	EMCCFD300-BM-BMR-5000	220331	2022/3/31	2023/3/30
3	EMI Test Receiver	R&S	ESR 7	101433	2022/11/16	2023/11/15
4	Measurement Software	EZ	EZ_EMG (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2022/9/19	2023/9/18
2	Preamplifier	EMCI	EMC118A45SE	980819	2022/3/8	2023/3/7
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2022/9/28	2023/9/27
4	Preamplifier	EMCI	EMC001340	980579	2022/9/30	2023/9/29
5	Test Cable	EMCI	EMC104-SM-SM-1000	220319	2022/3/15	2023/3/14
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2022/3/15	2023/3/14
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2022/3/15	2023/3/14
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2022/3/7	2023/3/6
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2022/9/19	2023/9/18
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2022/5/18	2023/5/17
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2022/5/18	2023/5/17
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2022/5/20	2023/5/19
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2022/5/20	2023/5/19
14	Measurement Software	EZ	EZ_EMG (Version NB-03A1-01)	N/A	N/A	N/A

Bandwidth

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

Output Power

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

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

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

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

10 EUT TEST PHOTO

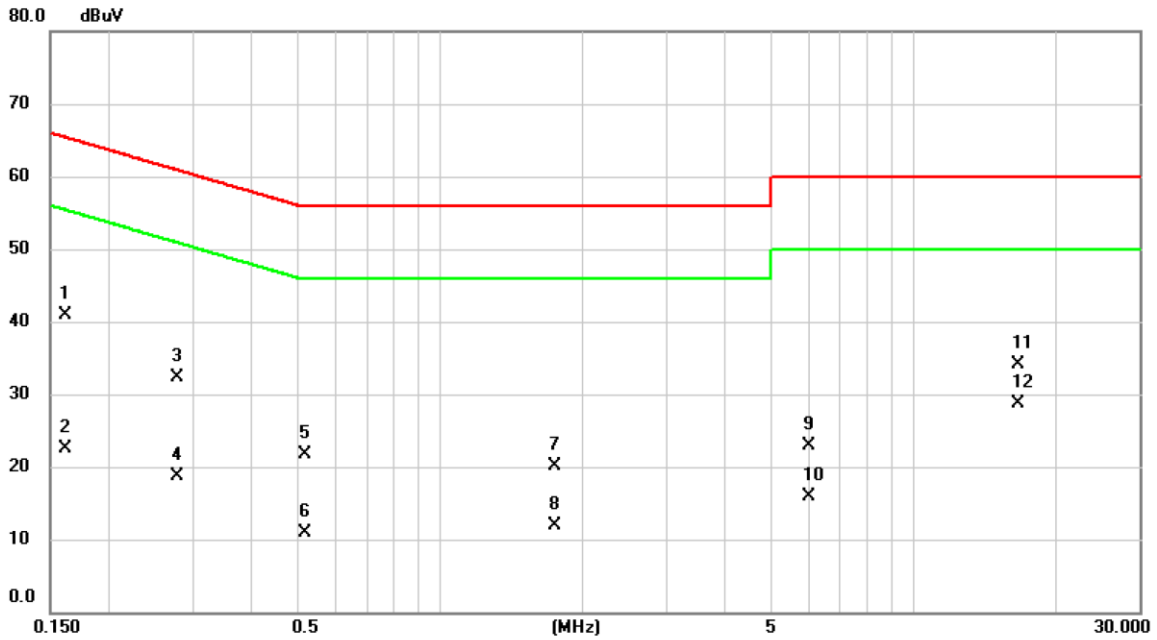
Please refer to document Appendix No.: TP-2302T026-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2302T026-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2023/2/10
Test Frequency	-	Phase	Line

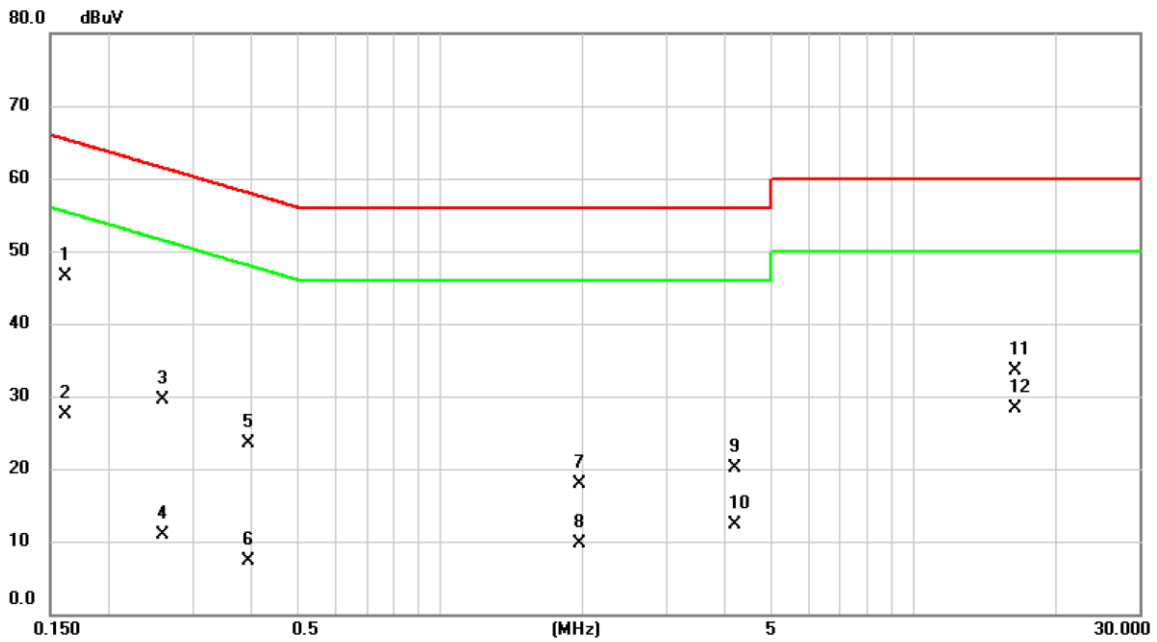


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1612	40.91	0.02	40.93	65.40	-24.47	QP	
2		0.1612	22.57	0.02	22.59	55.40	-32.81	AVG	
3		0.2782	32.19	0.02	32.21	60.87	-28.66	QP	
4		0.2782	18.65	0.02	18.67	50.87	-32.20	AVG	
5		0.5167	21.66	0.02	21.68	56.00	-34.32	QP	
6		0.5167	10.84	0.02	10.86	46.00	-35.14	AVG	
7		1.7475	19.97	0.06	20.03	56.00	-35.97	QP	
8		1.7475	11.84	0.06	11.90	46.00	-34.10	AVG	
9		6.0135	22.76	0.13	22.89	60.00	-37.11	QP	
10		6.0135	15.82	0.13	15.95	50.00	-34.05	AVG	
11		16.6425	33.84	0.21	34.05	60.00	-25.95	QP	
12	*	16.6425	28.45	0.21	28.66	50.00	-21.34	AVG	

REMARKS:

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

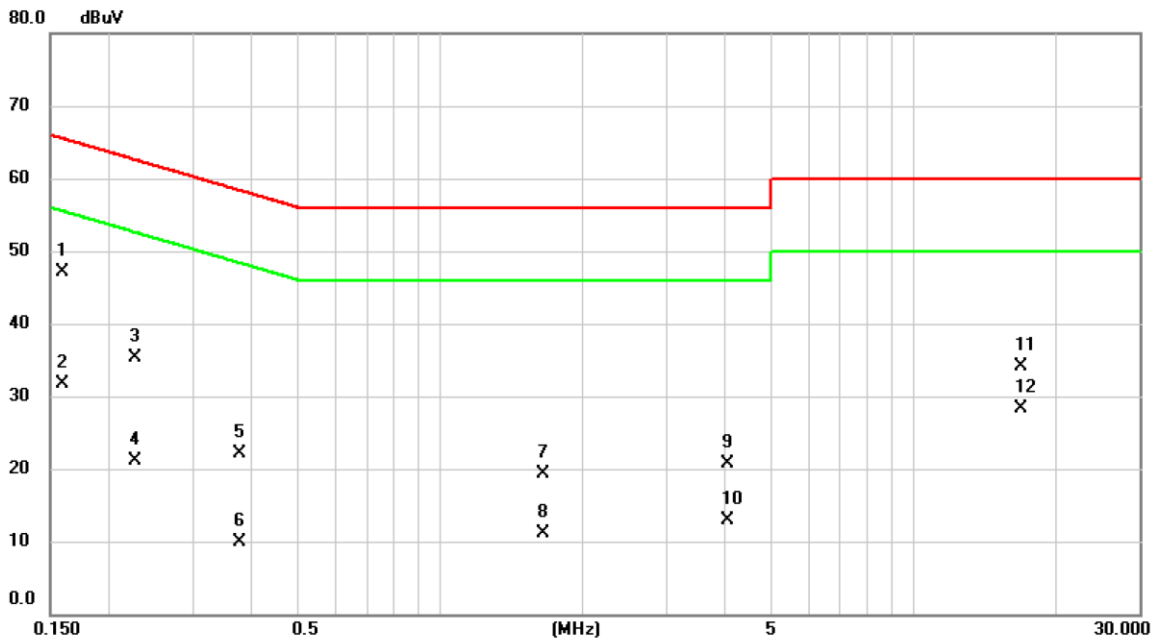
Test Mode	Normal	Tested Date	2023/2/10
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1613	46.47	0.02	46.49	65.40	-18.91	QP	
2		0.1613	27.44	0.02	27.46	55.40	-27.94	AVG	
3		0.2602	29.54	0.02	29.56	61.43	-31.87	QP	
4		0.2602	10.98	0.02	11.00	51.43	-40.43	AVG	
5		0.3930	23.58	0.02	23.60	58.00	-34.40	QP	
6		0.3930	7.19	0.02	7.21	48.00	-40.79	AVG	
7		1.9748	17.89	0.07	17.96	56.00	-38.04	QP	
8		1.9748	9.56	0.07	9.63	46.00	-36.37	AVG	
9		4.1865	20.03	0.11	20.14	56.00	-35.86	QP	
10		4.1865	12.12	0.11	12.23	46.00	-33.77	AVG	
11		16.4467	33.31	0.21	33.52	60.00	-26.48	QP	
12		16.4467	28.02	0.21	28.23	50.00	-21.77	AVG	

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

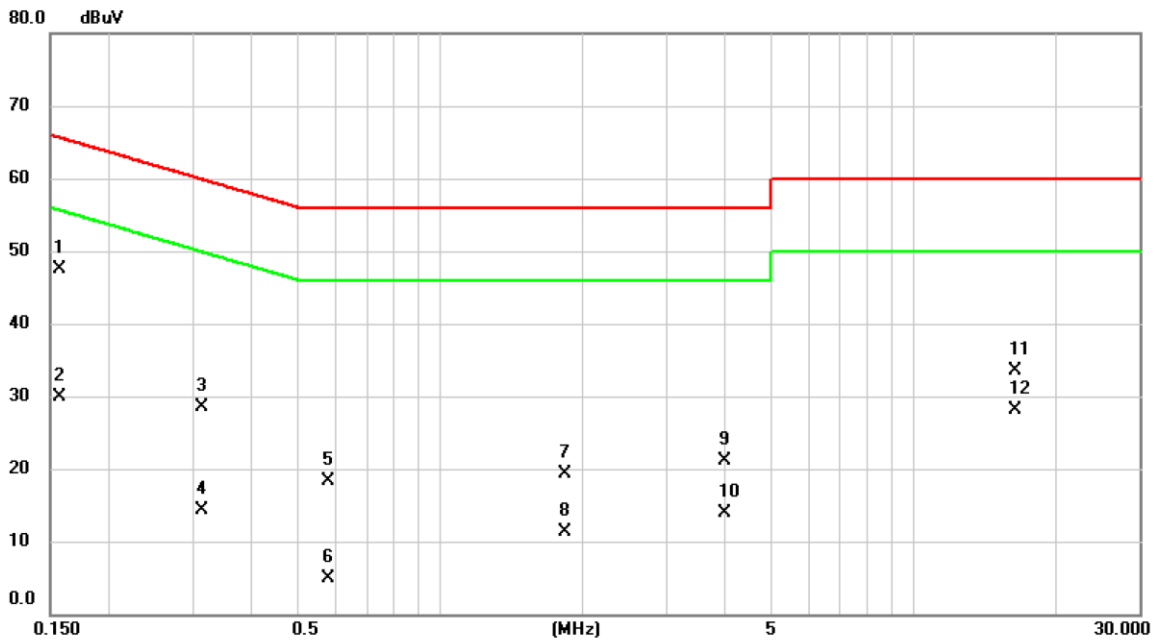
Test Mode	Idle	Tested Date	2023/2/10
Test Frequency	-	Phase	Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1598	47.15	0.02	47.17	65.47	-18.30	QP	
2		0.1598	31.77	0.02	31.79	55.47	-23.68	AVG	
3		0.2268	35.28	0.02	35.30	62.57	-27.27	QP	
4		0.2268	21.03	0.02	21.05	52.57	-31.52	AVG	
5		0.3772	22.12	0.02	22.14	58.34	-36.20	QP	
6		0.3772	9.90	0.02	9.92	48.34	-38.42	AVG	
7		1.6530	19.31	0.06	19.37	56.00	-36.63	QP	
8		1.6530	11.05	0.06	11.11	46.00	-34.89	AVG	
9		4.0605	20.65	0.11	20.76	56.00	-35.24	QP	
10		4.0605	12.80	0.11	12.91	46.00	-33.09	AVG	
11		16.8225	33.94	0.21	34.15	60.00	-25.85	QP	
12		16.8225	28.02	0.21	28.23	50.00	-21.77	AVG	

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

Test Mode	Idle	Tested Date	2023/2/10
Test Frequency	-	Phase	Neutral



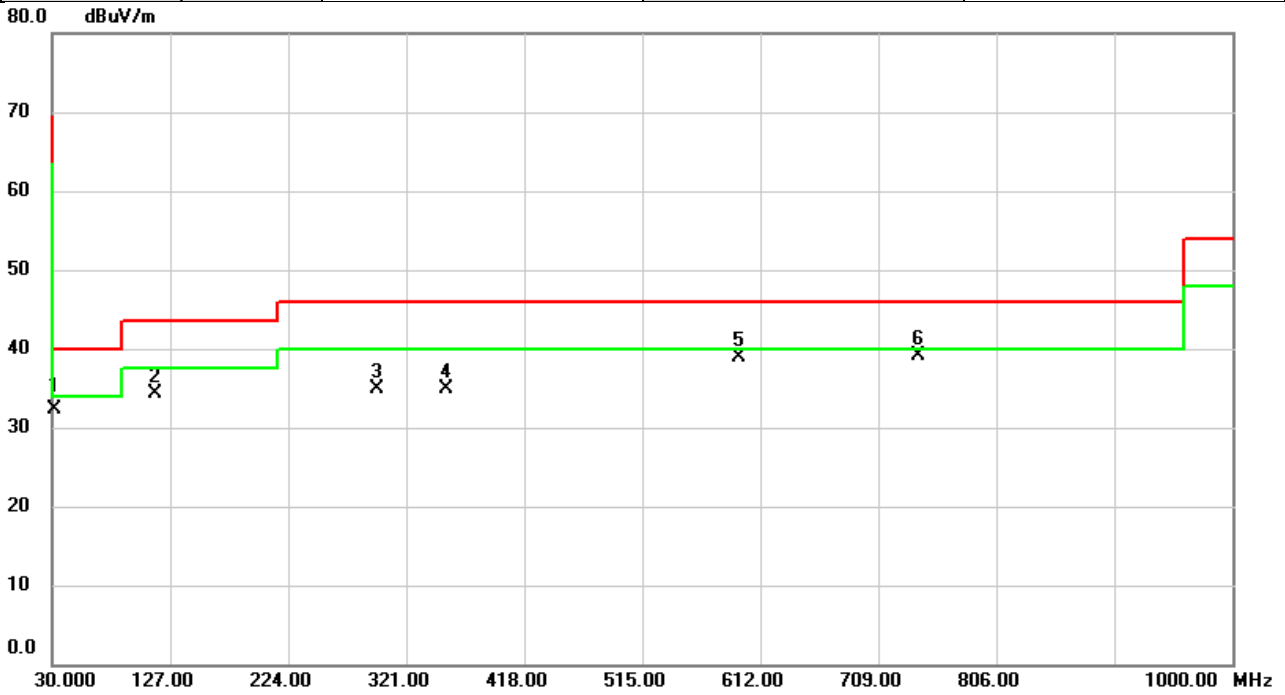
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1568	47.51	0.02	47.53	65.63	-18.10	QP	
2		0.1568	29.89	0.02	29.91	55.63	-25.72	AVG	
3		0.3141	28.45	0.02	28.47	59.86	-31.39	QP	
4		0.3141	14.29	0.02	14.31	49.86	-35.55	AVG	
5		0.5820	18.27	0.02	18.29	56.00	-37.71	QP	
6		0.5820	4.84	0.02	4.86	46.00	-41.14	AVG	
7		1.8308	19.29	0.07	19.36	56.00	-36.64	QP	
8		1.8308	11.28	0.07	11.35	46.00	-34.65	AVG	
9		3.9908	20.90	0.11	21.01	56.00	-34.99	QP	
10		3.9908	13.73	0.11	13.84	46.00	-32.16	AVG	
11		16.3793	33.25	0.21	33.46	60.00	-26.54	QP	
12		16.3793	27.96	0.21	28.17	50.00	-21.83	AVG	

REMARKS:

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11b	Test Date	2023/2/17
Test Frequency	2442MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

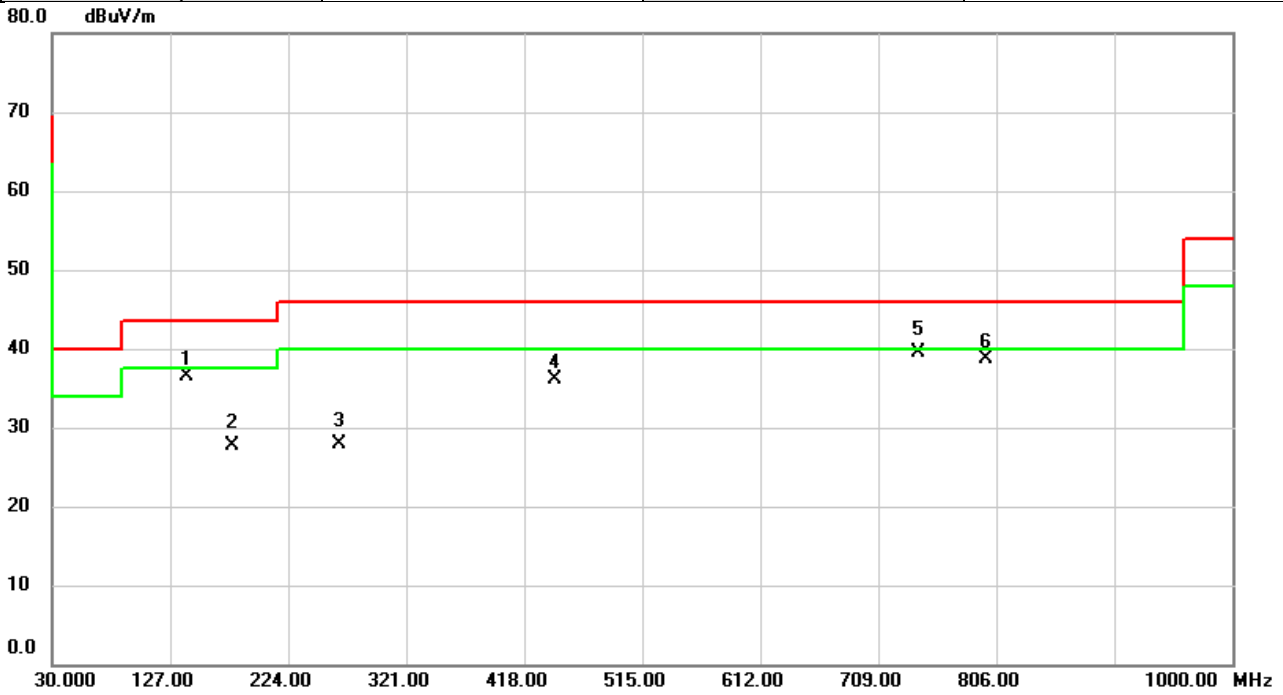


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		32.2633	44.81	-12.45	32.36	40.00	-7.64	QP	
2		114.2283	48.85	-14.54	34.31	43.50	-9.19	peak	
3		297.0087	46.25	-11.43	34.82	46.00	-11.18	peak	
4		354.1417	45.07	-10.23	34.84	46.00	-11.16	peak	
5		593.9903	43.22	-4.33	38.89	46.00	-7.11	peak	
6	*	742.4973	40.74	-1.71	39.03	46.00	-6.97	peak	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/17
Test Frequency	2442MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



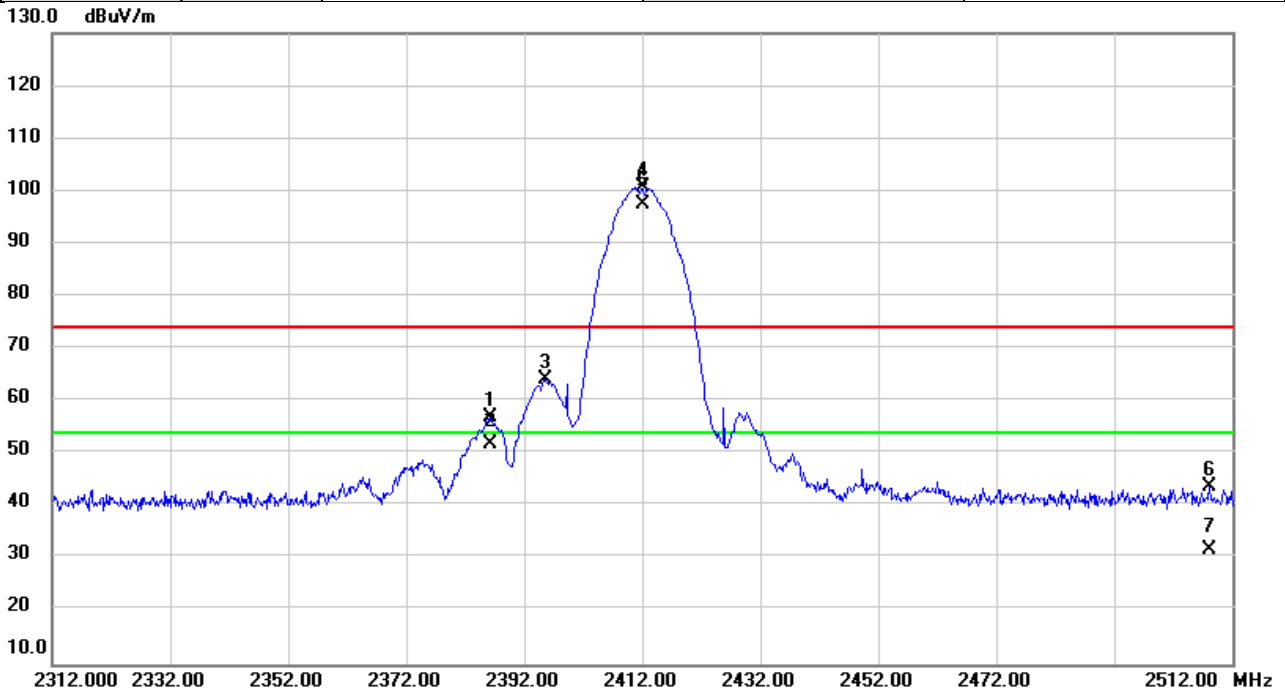
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		141.1620	48.87	-12.28	36.59	43.50	-6.91	peak	
2		177.5047	40.83	-13.07	27.76	43.50	-15.74	QP	
3		266.0657	40.20	-12.38	27.82	46.00	-18.18	QP	
4		442.7350	43.74	-7.58	36.16	46.00	-9.84	peak	
5	*	742.4973	41.15	-1.71	39.44	46.00	-6.56	QP	
6		797.0436	39.87	-1.07	38.80	46.00	-7.20	peak	

REMARKS:

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	IEEE 802.11b	Test Date	2023/2/10
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

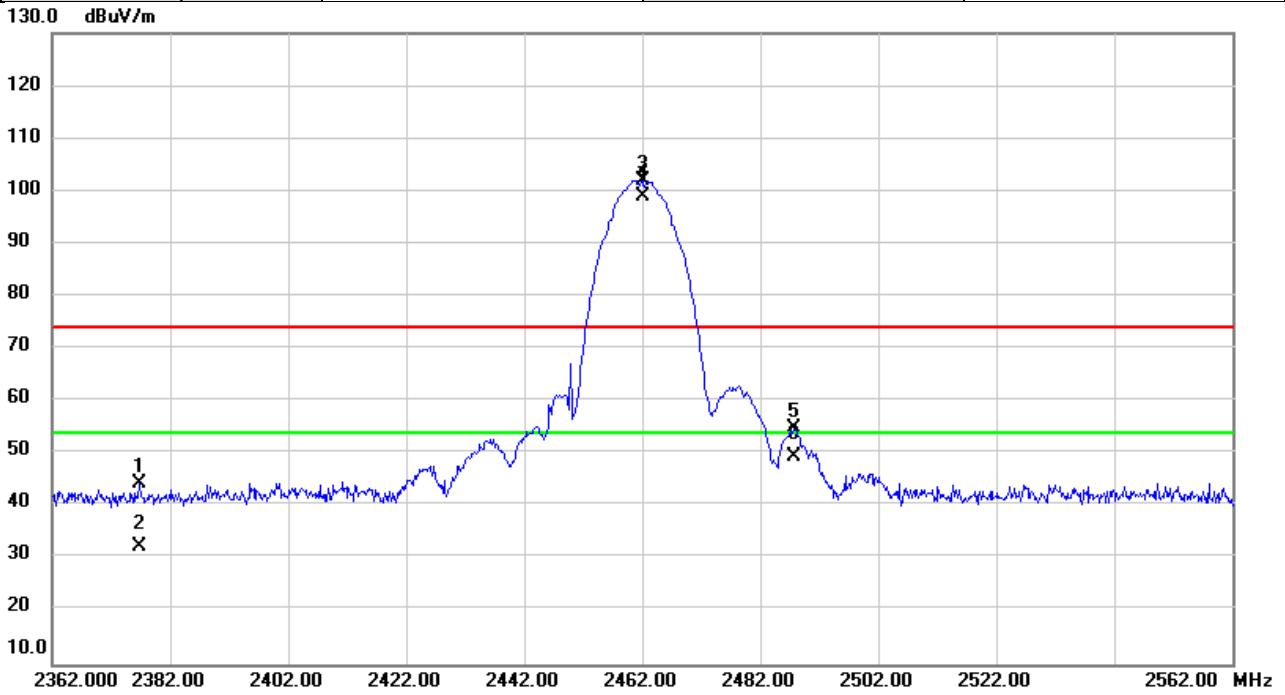


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2386.187	66.65	-9.79	56.86	74.00	-17.14	peak	
2		2386.187	61.68	-9.79	51.89	54.00	-2.11	AVG	
3		2395.633	73.92	-9.79	64.13	74.00	-9.87	peak	No Limit
4	X	2412.000	110.43	-9.79	100.64	74.00	26.64	peak	No Limit
5	*	2412.000	107.31	-9.79	97.52	54.00	43.52	AVG	No Limit
6		2508.160	53.48	-9.72	43.76	74.00	-30.24	peak	
7		2508.160	41.37	-9.72	31.65	54.00	-22.35	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/10
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

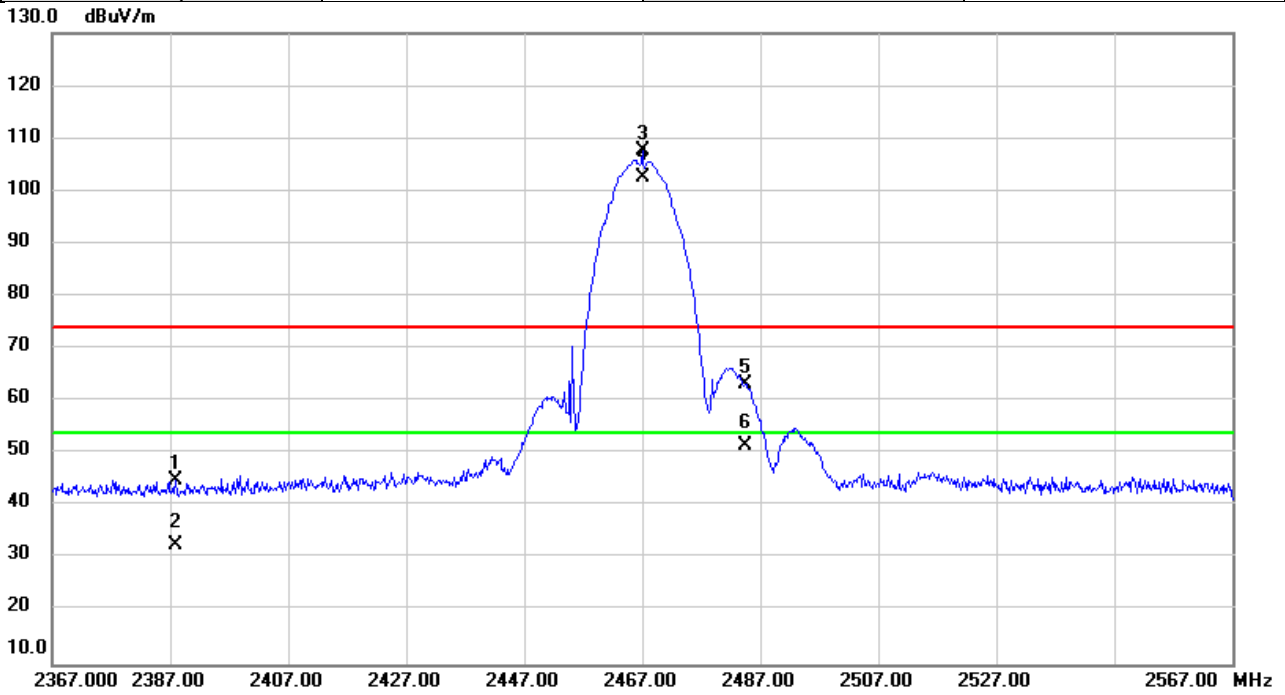


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2376.693	54.02	-9.79	44.23	74.00	-29.77	peak	
2		2376.693	42.07	-9.79	32.28	54.00	-21.72	AVG	
3	X	2462.000	111.83	-9.77	102.06	74.00	28.06	peak	No Limit
4	*	2462.000	108.66	-9.77	98.89	54.00	44.89	AVG	No Limit
5		2487.827	64.48	-9.75	54.73	74.00	-19.27	peak	
6		2487.827	59.25	-9.75	49.50	54.00	-4.50	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/10
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

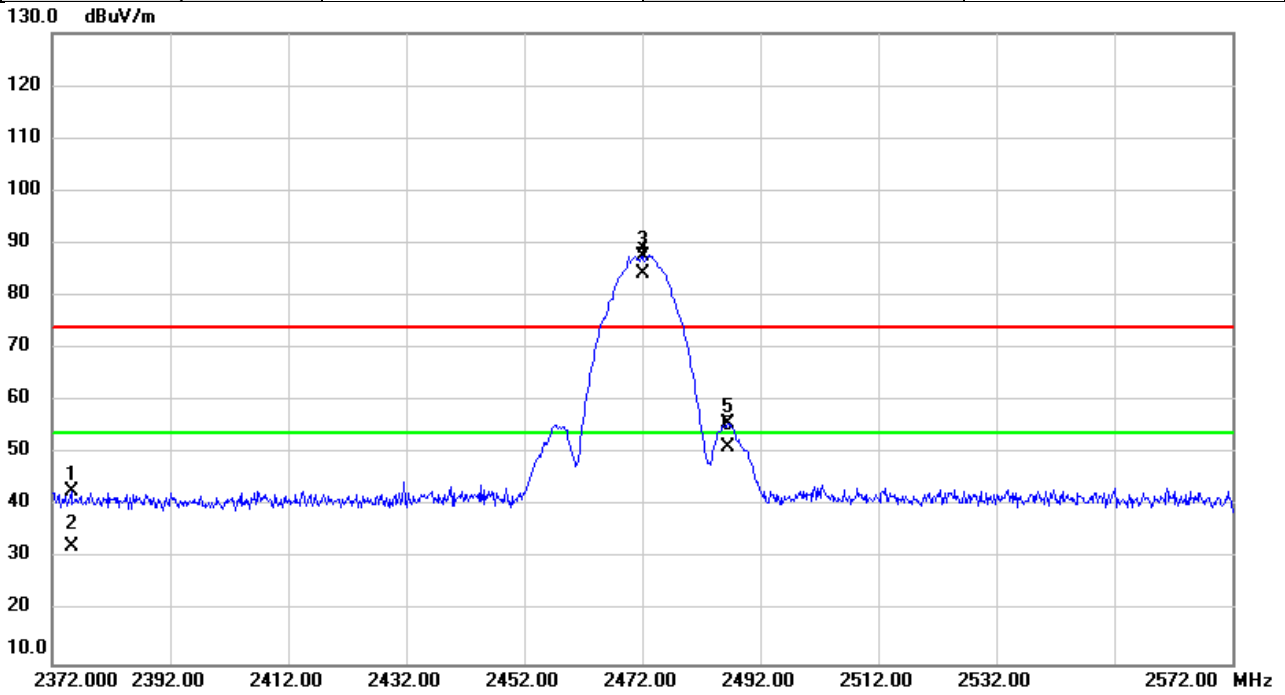


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2387.993	54.63	-9.79	44.84	74.00	-29.16	peak	
2		2387.993	42.51	-9.79	32.72	54.00	-21.28	AVG	
3	X	2467.000	117.48	-9.76	107.72	74.00	33.72	peak	No Limit
4	*	2467.000	112.37	-9.76	102.61	54.00	48.61	AVG	No Limit
5		2484.407	73.07	-9.76	63.31	74.00	-10.69	peak	
6		2484.407	61.37	-9.76	51.61	54.00	-2.39	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/10
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

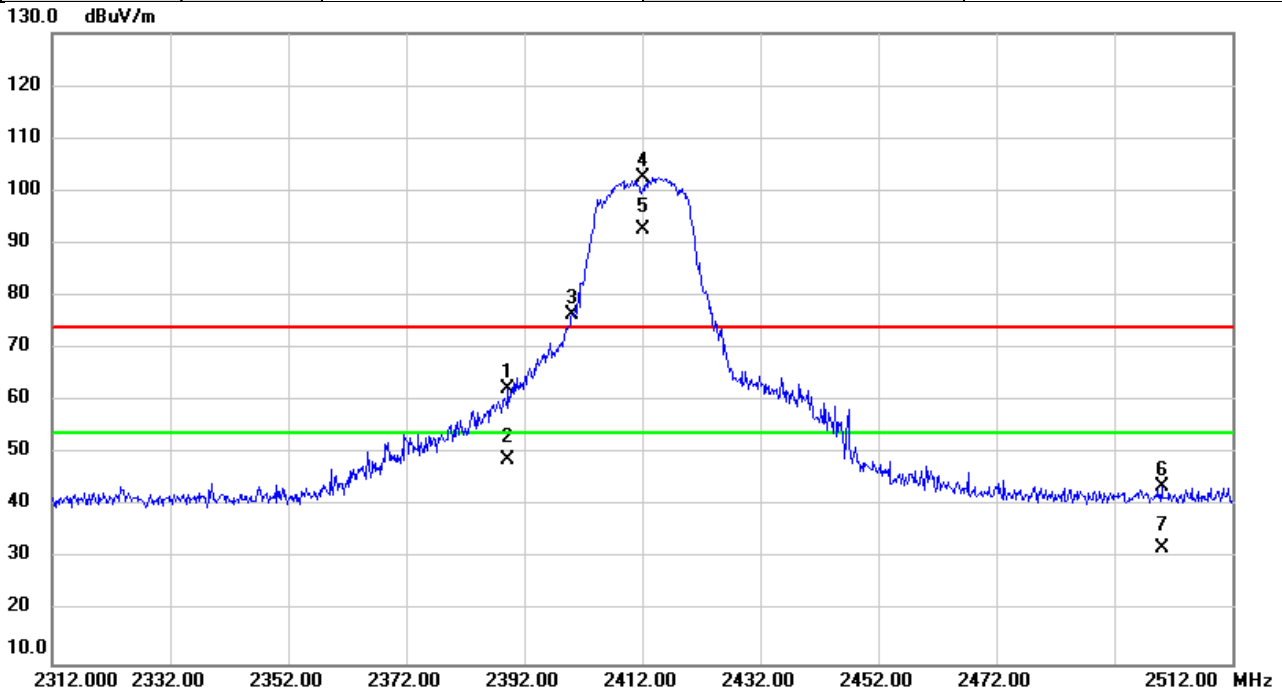


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2375.327	52.49	-9.79	42.70	74.00	-31.30	peak	
2		2375.327	42.20	-9.79	32.41	54.00	-21.59	AVG	
3	X	2472.000	97.46	-9.76	87.70	74.00	13.70	peak	No Limit
4	*	2472.000	94.13	-9.76	84.37	54.00	30.37	AVG	No Limit
5		2486.447	65.61	-9.75	55.86	74.00	-18.14	peak	
6		2486.447	60.95	-9.75	51.20	54.00	-2.80	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/10
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

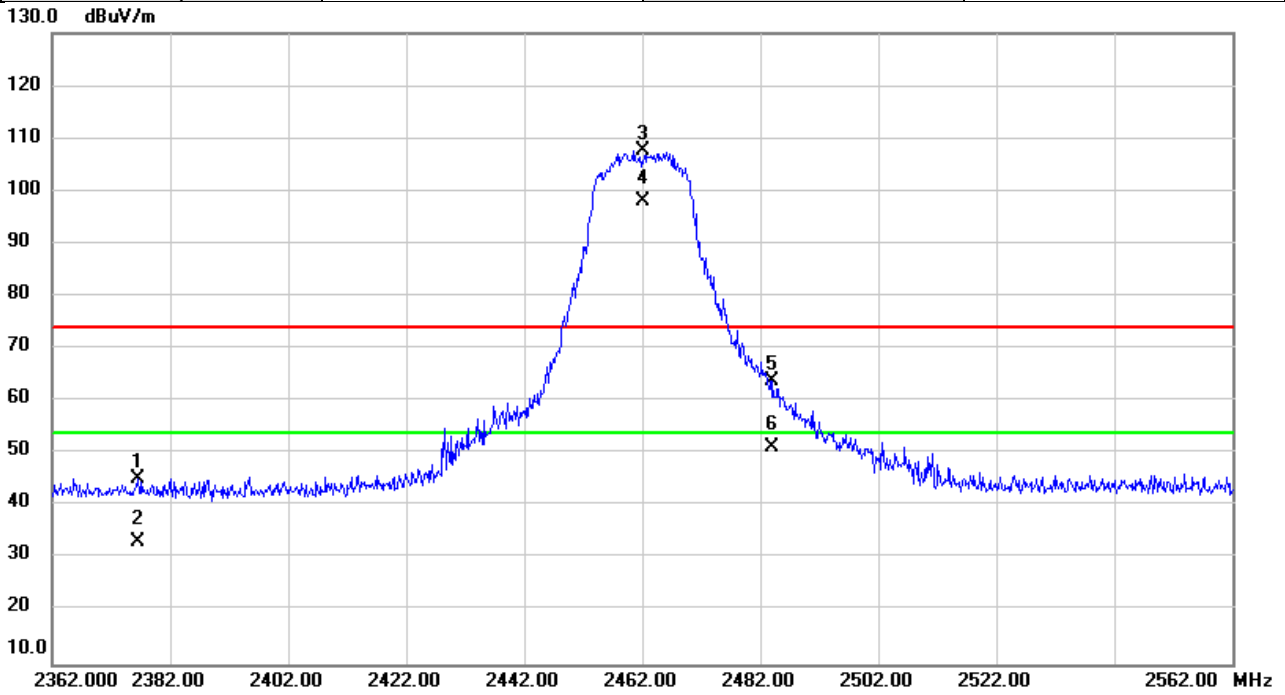


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2389.287	72.18	-9.79	62.39	74.00	-11.61	peak	
2		2389.287	58.77	-9.79	48.98	54.00	-5.02	AVG	
3	X	2400.000	86.23	-9.79	76.44	74.00	2.44	peak	No Limit
4	X	2412.000	112.23	-9.79	102.44	74.00	28.44	peak	No Limit
5	*	2412.000	102.54	-9.79	92.75	54.00	38.75	AVG	No Limit
6		2500.087	53.39	-9.75	43.64	74.00	-30.36	peak	
7		2500.087	41.79	-9.75	32.04	54.00	-21.96	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/10
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

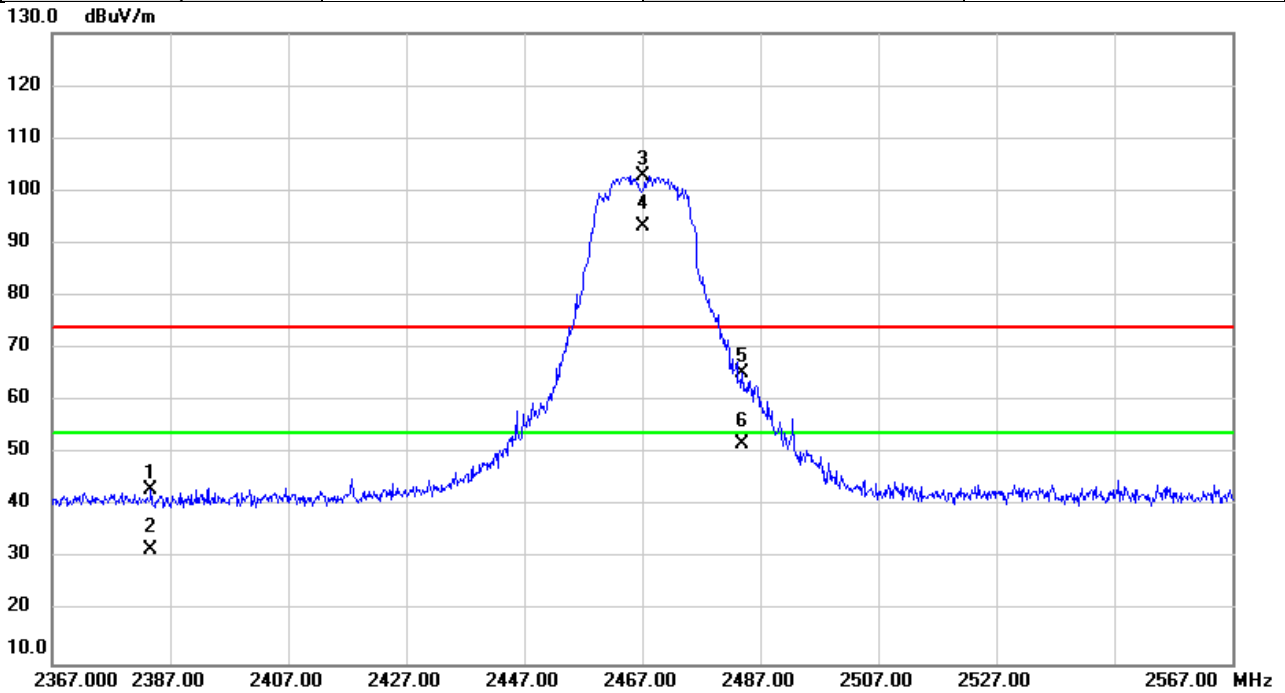


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2376.500	55.10	-9.79	45.31	74.00	-28.69	peak	
2		2376.500	42.96	-9.79	33.17	54.00	-20.83	AVG	
3	X	2462.000	117.54	-9.77	107.77	74.00	33.77	peak	No Limit
4	*	2462.000	107.89	-9.77	98.12	54.00	44.12	AVG	No Limit
5		2484.047	73.76	-9.76	64.00	74.00	-10.00	peak	
6		2484.047	61.07	-9.76	51.31	54.00	-2.69	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/10
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

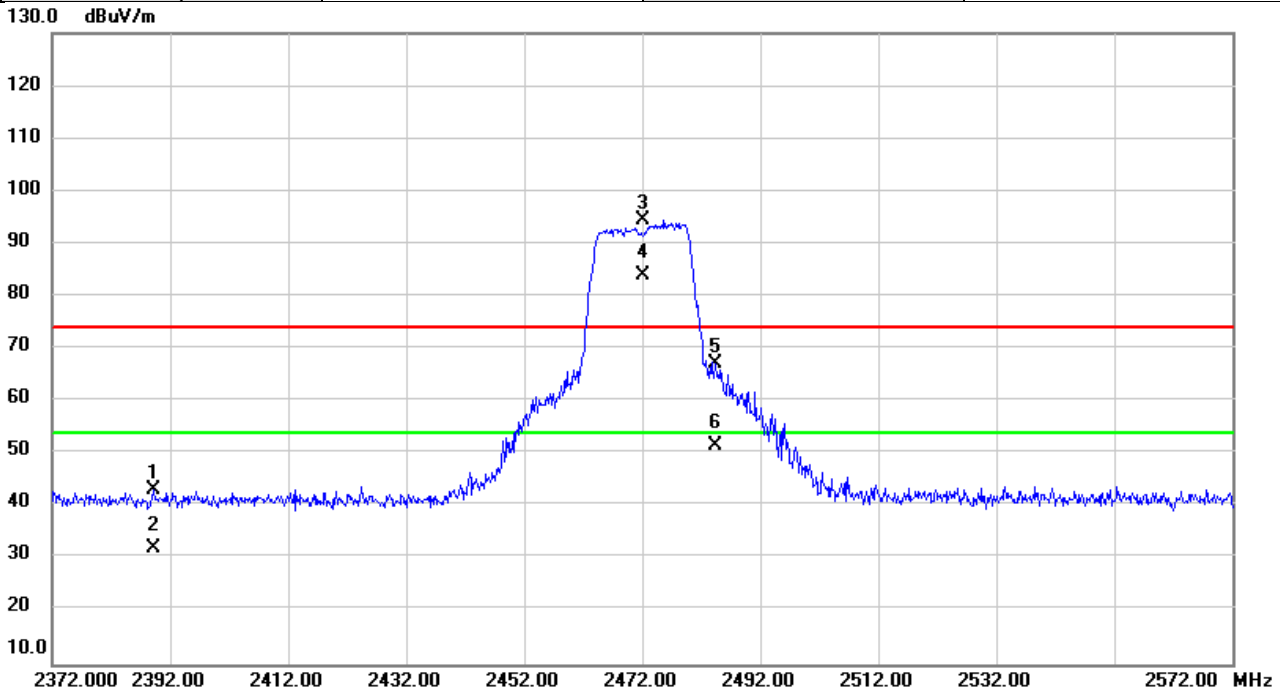


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2383.640	52.96	-9.80	43.16	74.00	-30.84	peak	
2		2383.640	41.62	-9.80	31.82	54.00	-22.18	AVG	
3	X	2467.000	112.61	-9.76	102.85	74.00	28.85	peak	No Limit
4	*	2467.000	102.95	-9.76	93.19	54.00	39.19	AVG	No Limit
5		2484.013	74.96	-9.76	65.20	74.00	-8.80	peak	
6		2484.013	61.72	-9.76	51.96	54.00	-2.04	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/10
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

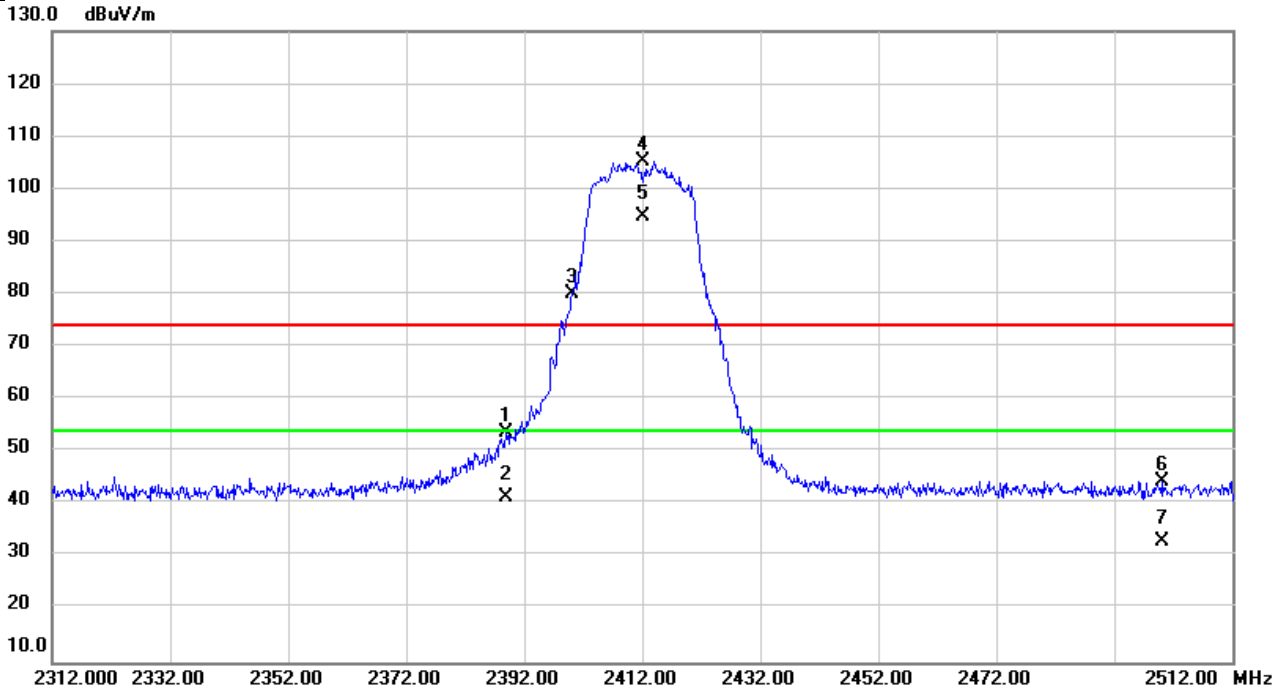


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2389.127	53.08	-9.79	43.29	74.00	-30.71	peak	
2		2389.127	41.95	-9.79	32.16	54.00	-21.84	AVG	
3	X	2472.000	104.11	-9.76	94.35	74.00	20.35	peak	No Limit
4	*	2472.000	93.68	-9.76	83.92	54.00	29.92	AVG	No Limit
5		2484.427	76.85	-9.76	67.09	74.00	-6.91	peak	
6		2484.427	61.36	-9.76	51.60	54.00	-2.40	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/10
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

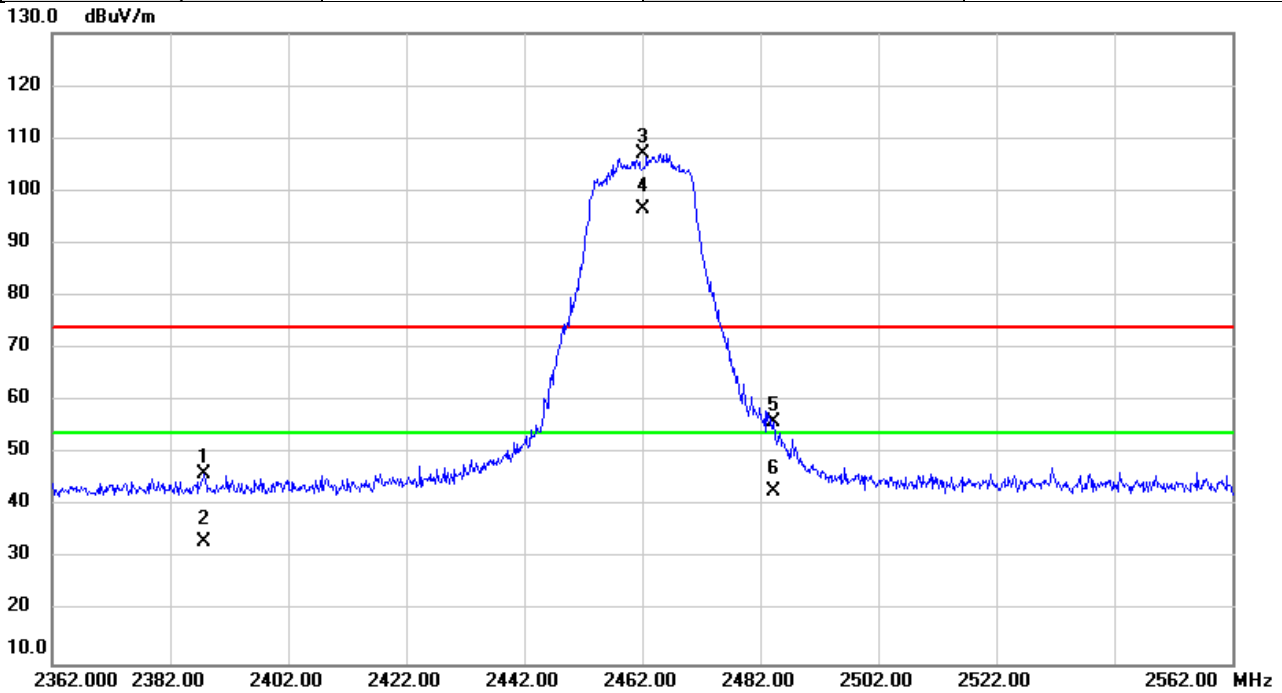


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2388.820	63.34	-9.79	53.55	74.00	-20.45	peak	
2		2388.820	51.24	-9.79	41.45	54.00	-12.55	AVG	
3	X	2400.000	89.74	-9.79	79.95	74.00	5.95	peak	No Limit
4	X	2412.000	114.97	-9.79	105.18	74.00	31.18	peak	No Limit
5	*	2412.000	104.42	-9.79	94.63	54.00	40.63	AVG	No Limit
6		2500.067	54.13	-9.75	44.38	74.00	-29.62	peak	
7		2500.067	42.69	-9.75	32.94	54.00	-21.06	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/10
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

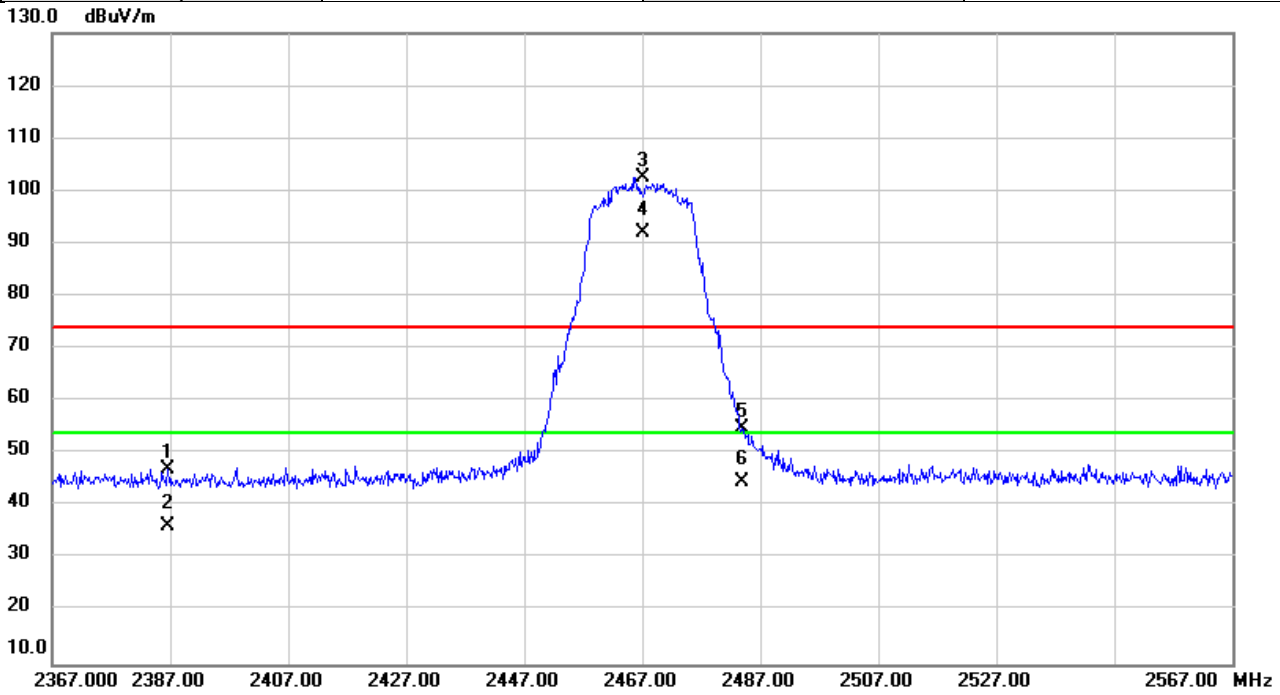


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2387.807	55.92	-9.79	46.13	74.00	-27.87	peak	
2		2387.807	42.91	-9.79	33.12	54.00	-20.88	AVG	
3	X	2462.000	116.79	-9.77	107.02	74.00	33.02	peak	No Limit
4	*	2462.000	106.44	-9.77	96.67	54.00	42.67	AVG	No Limit
5		2484.340	65.91	-9.76	56.15	74.00	-17.85	peak	
6		2484.340	52.51	-9.76	42.75	54.00	-11.25	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

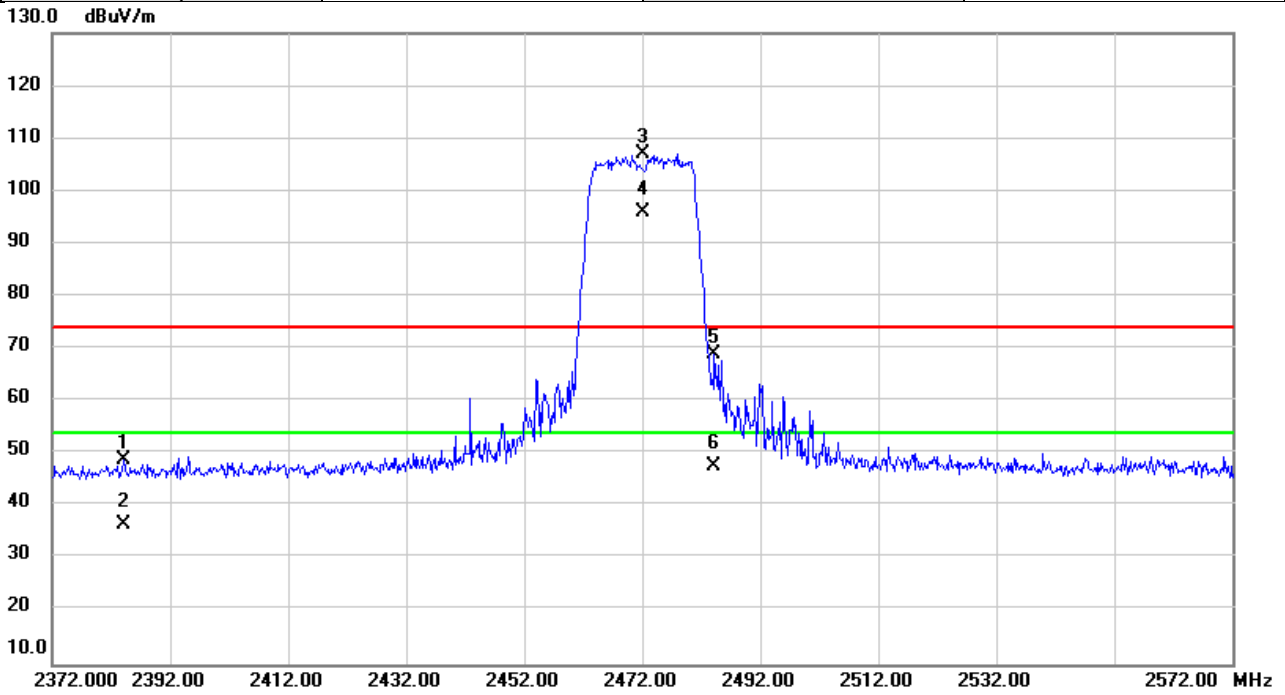


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2386.640	52.82	-5.77	47.05	74.00	-26.95	peak	
2		2386.640	42.09	-5.77	36.32	54.00	-17.68	AVG	
3	X	2467.000	108.25	-5.66	102.59	74.00	28.59	peak	No Limit
4	*	2467.000	97.70	-5.66	92.04	54.00	38.04	AVG	No Limit
5		2483.993	60.46	-5.65	54.81	74.00	-19.19	peak	
6		2483.993	50.29	-5.65	44.64	54.00	-9.36	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

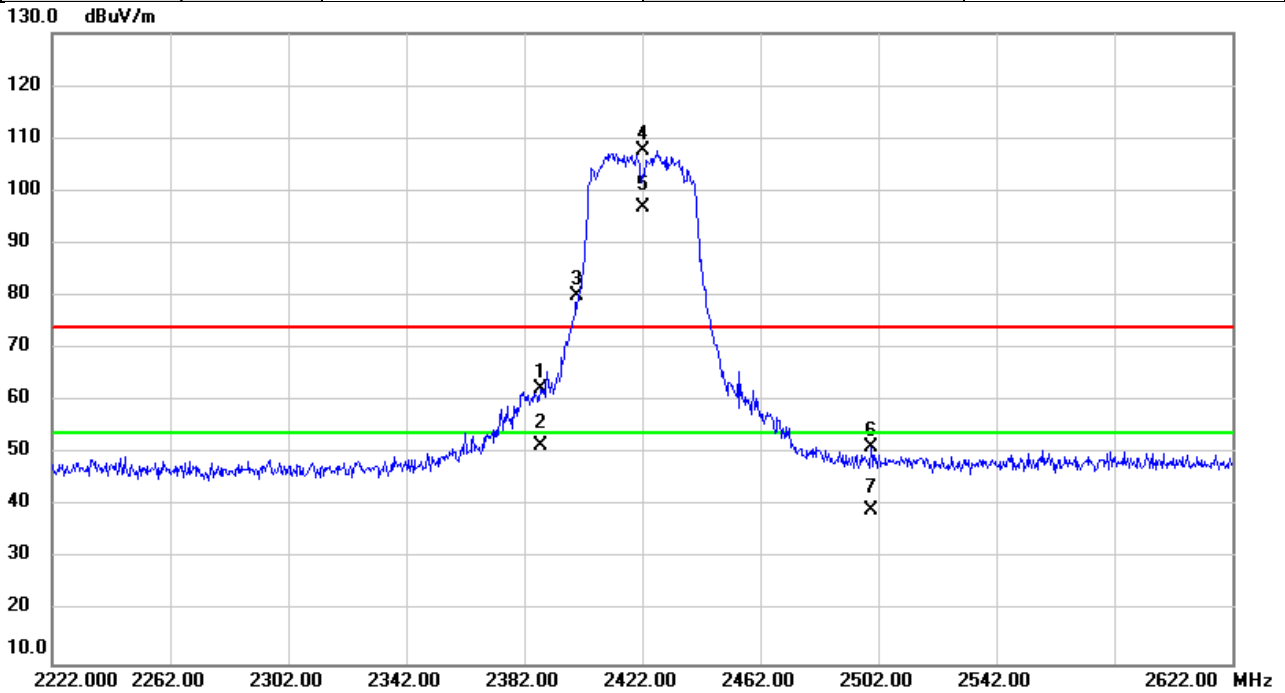


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2384.013	54.52	-5.78	48.74	74.00	-25.26	peak	
2		2384.013	42.27	-5.78	36.49	54.00	-17.51	AVG	
3	X	2472.000	112.76	-5.66	107.10	74.00	33.10	peak	No Limit
4	*	2472.000	101.62	-5.66	95.96	54.00	41.96	AVG	No Limit
5		2484.233	74.62	-5.65	68.97	74.00	-5.03	peak	
6		2484.233	53.29	-5.65	47.64	54.00	-6.36	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

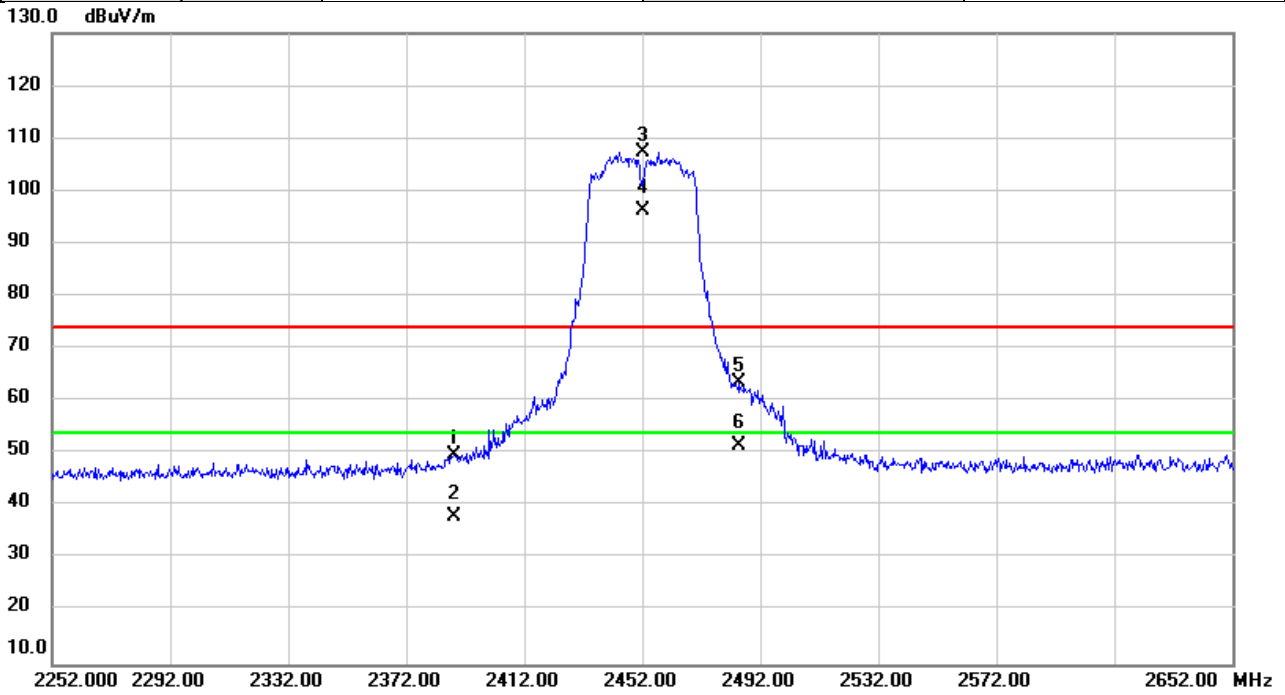


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2387.373	68.21	-5.77	62.44	74.00	-11.56	peak	
2		2387.373	57.32	-5.77	51.55	54.00	-2.45	AVG	
3	X	2400.000	85.92	-5.76	80.16	74.00	6.16	peak	No Limit
4	X	2422.000	113.30	-5.72	107.58	74.00	33.58	peak	No Limit
5	*	2422.000	102.52	-5.72	96.80	54.00	42.80	AVG	No Limit
6		2499.387	56.92	-5.62	51.30	74.00	-22.70	peak	
7		2499.387	44.95	-5.62	39.33	54.00	-14.67	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

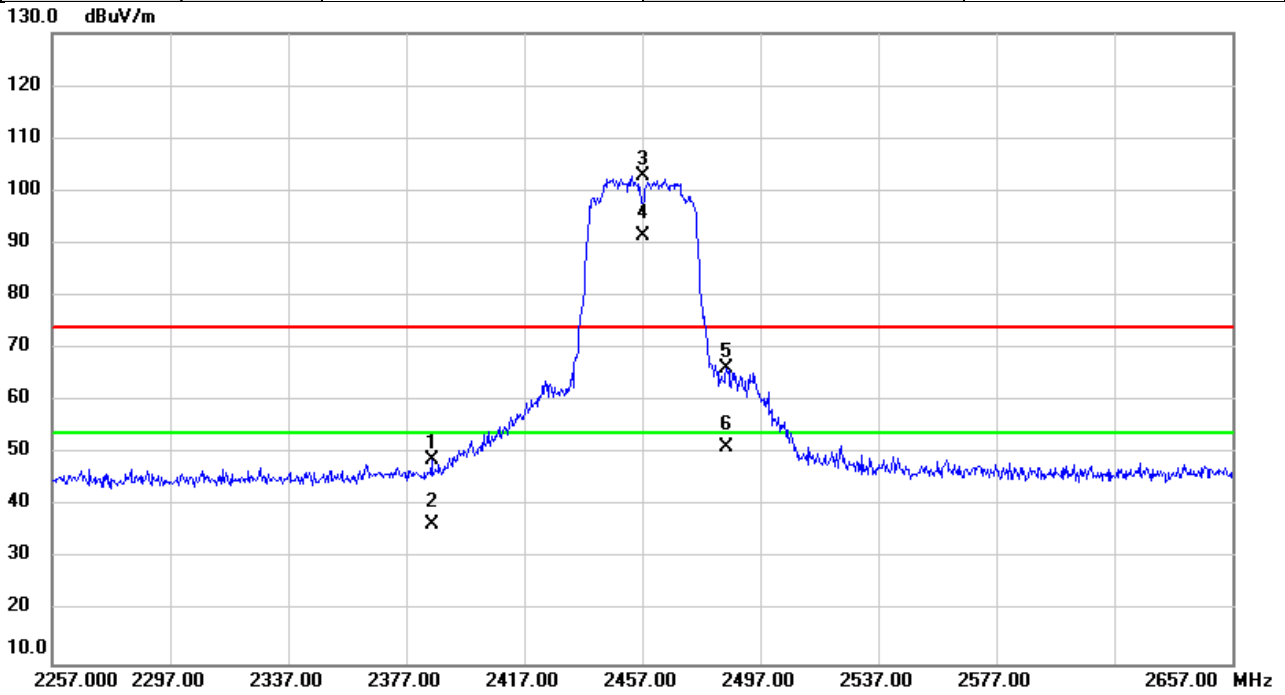


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2388.000	55.40	-5.77	49.63	74.00	-24.37	peak	
2		2388.000	43.89	-5.77	38.12	54.00	-15.88	AVG	
3	X	2452.000	113.05	-5.69	107.36	74.00	33.36	peak	No Limit
4	*	2452.000	101.90	-5.69	96.21	54.00	42.21	AVG	No Limit
5		2485.027	69.17	-5.63	63.54	74.00	-10.46	peak	
6		2485.027	57.08	-5.63	51.45	54.00	-2.55	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

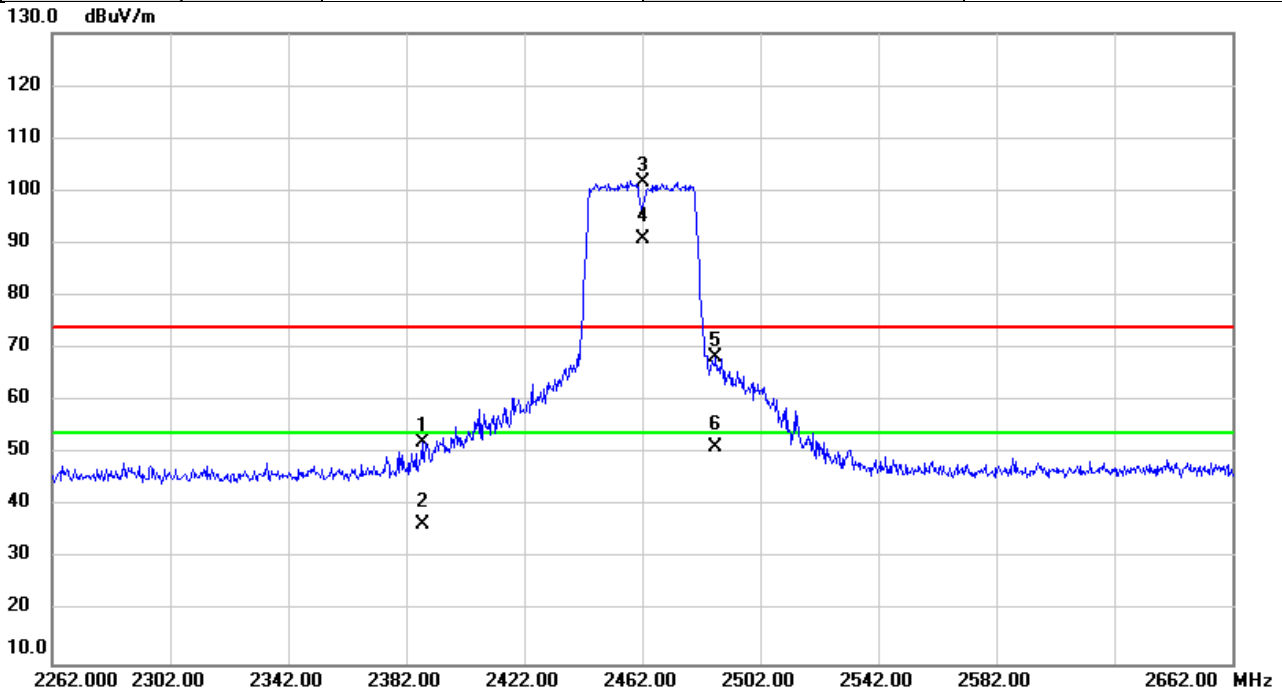


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2385.613	54.51	-5.77	48.74	74.00	-25.26	peak	
2		2385.613	42.40	-5.77	36.63	54.00	-17.37	AVG	
3	X	2457.000	108.38	-5.67	102.71	74.00	28.71	peak	No Limit
4	*	2457.000	97.18	-5.67	91.51	54.00	37.51	AVG	No Limit
5		2485.453	71.74	-5.63	66.11	74.00	-7.89	peak	
6		2485.453	57.00	-5.63	51.37	54.00	-2.63	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

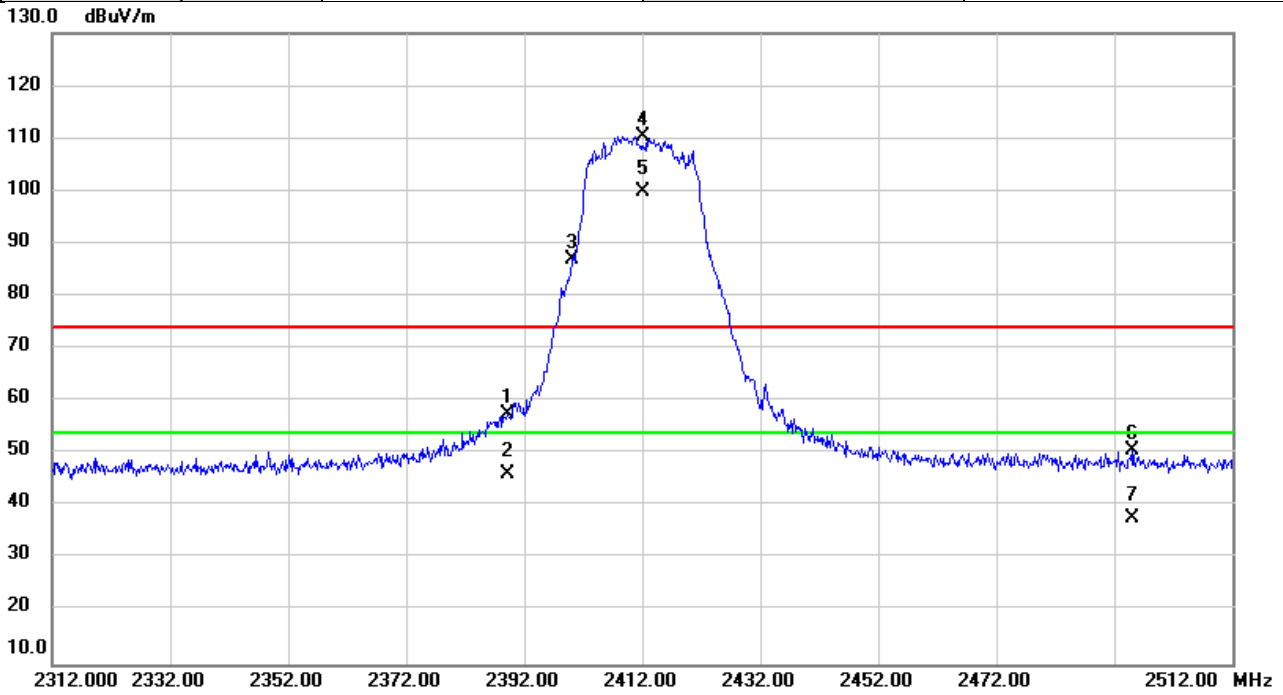


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2387.547	58.01	-5.77	52.24	74.00	-21.76	peak	
2		2387.547	42.19	-5.77	36.42	54.00	-17.58	AVG	
3	X	2462.000	107.48	-5.68	101.80	74.00	27.80	peak	No Limit
4	*	2462.000	96.39	-5.68	90.71	54.00	36.71	AVG	No Limit
5		2486.827	73.85	-5.63	68.22	74.00	-5.78	peak	
6		2486.827	56.86	-5.63	51.23	54.00	-2.77	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/13
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

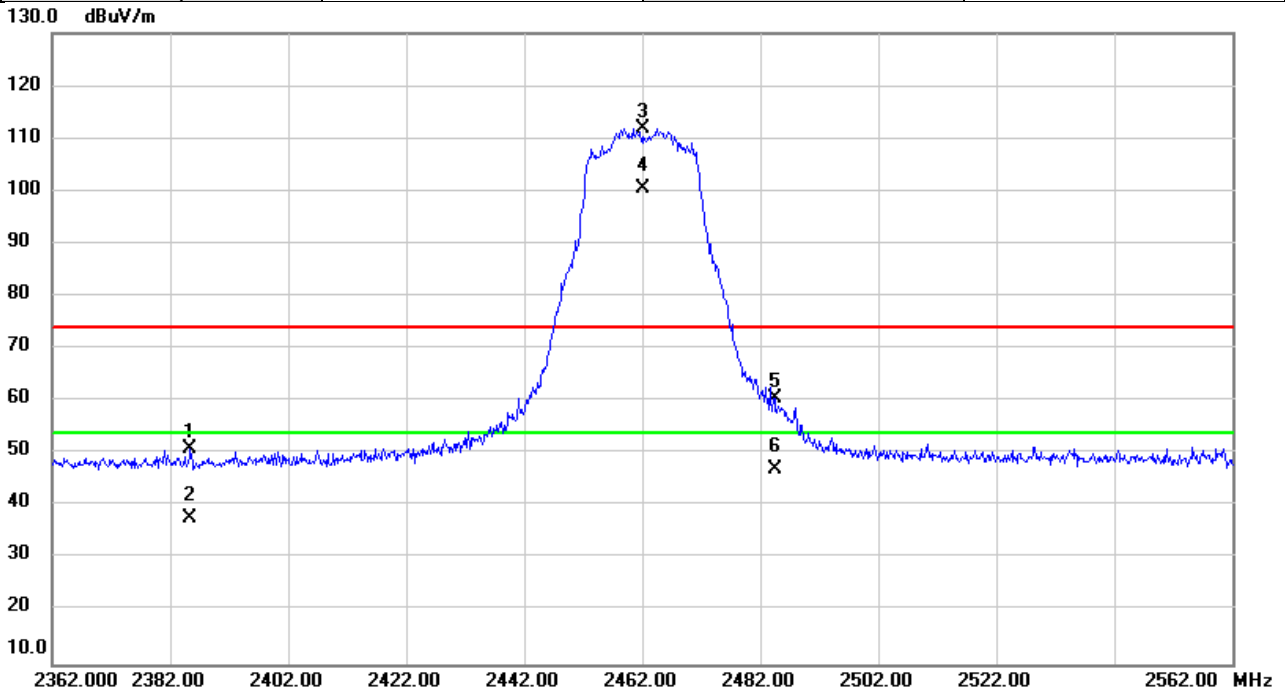


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2389.327	63.19	-5.77	57.42	74.00	-16.58	peak	
2		2389.327	52.07	-5.77	46.30	54.00	-7.70	AVG	
3	X	2400.000	92.72	-5.76	86.96	74.00	12.96	peak	No Limit
4	X	2412.000	116.13	-5.74	110.39	74.00	36.39	peak	No Limit
5	*	2412.000	105.69	-5.74	99.95	54.00	45.95	AVG	No Limit
6		2494.953	56.30	-5.63	50.67	74.00	-23.33	peak	
7		2494.953	43.47	-5.63	37.84	54.00	-16.16	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

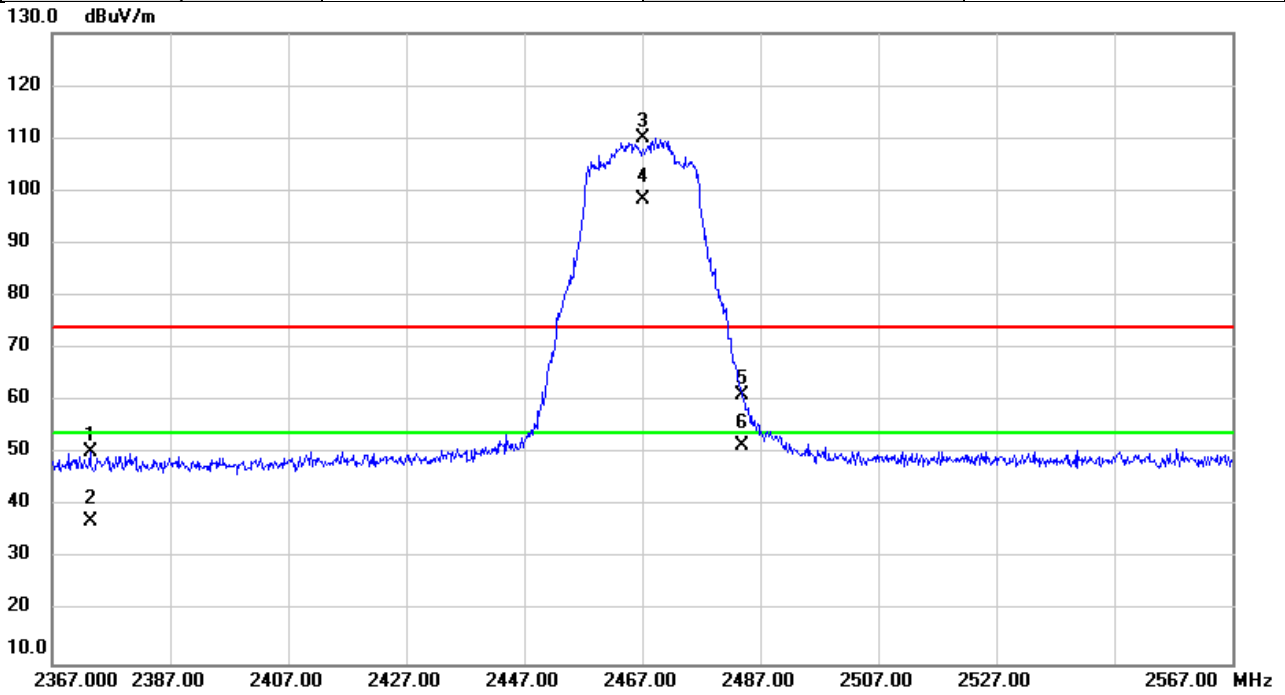


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2385.427	56.60	-5.77	50.83	74.00	-23.17	peak	
2		2385.427	43.56	-5.77	37.79	54.00	-16.21	AVG	
3	X	2462.000	117.66	-5.68	111.98	74.00	37.98	peak	No Limit
4	*	2462.000	106.00	-5.68	100.32	54.00	46.32	AVG	No Limit
5		2484.440	66.33	-5.64	60.69	74.00	-13.31	peak	
6		2484.440	52.77	-5.64	47.13	54.00	-6.87	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/13
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

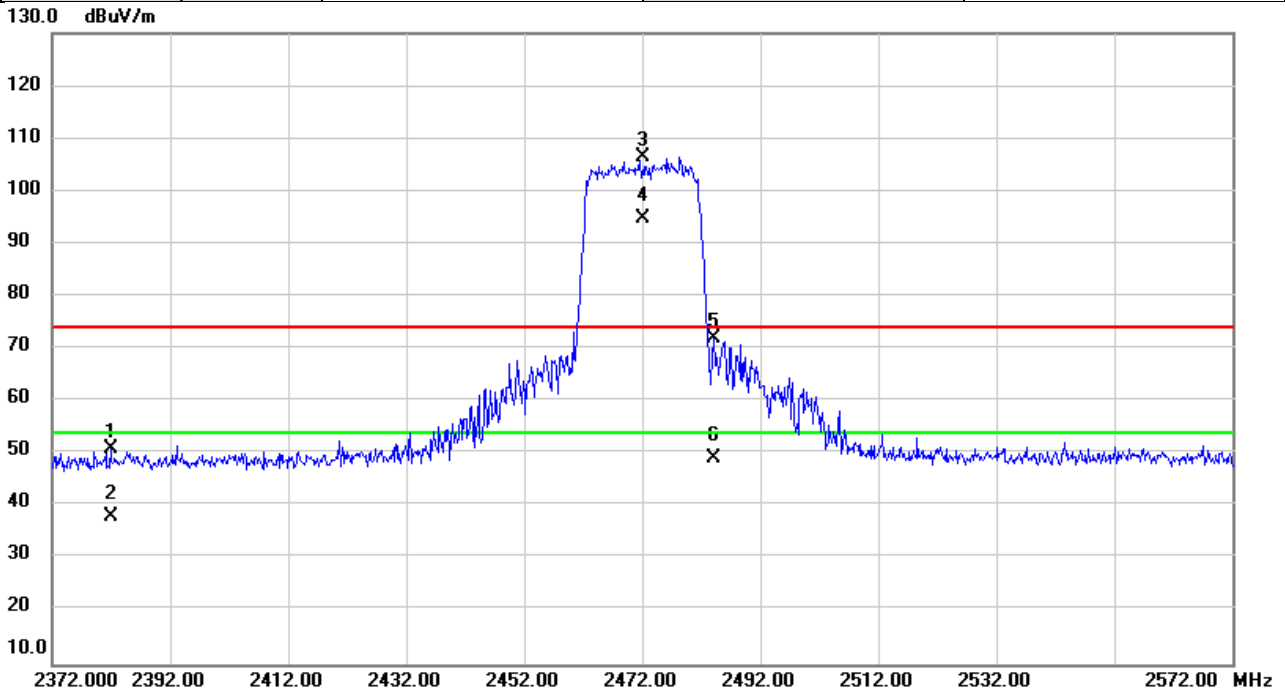


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2373.427	56.12	-5.79	50.33	74.00	-23.67	peak	
2		2373.427	42.99	-5.79	37.20	54.00	-16.80	AVG	
3	X	2467.000	115.67	-5.66	110.01	74.00	36.01	peak	No Limit
4	*	2467.000	104.06	-5.66	98.40	54.00	44.40	AVG	No Limit
5		2483.800	66.95	-5.65	61.30	74.00	-12.70	peak	
6		2483.800	57.22	-5.65	51.57	54.00	-2.43	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/13
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

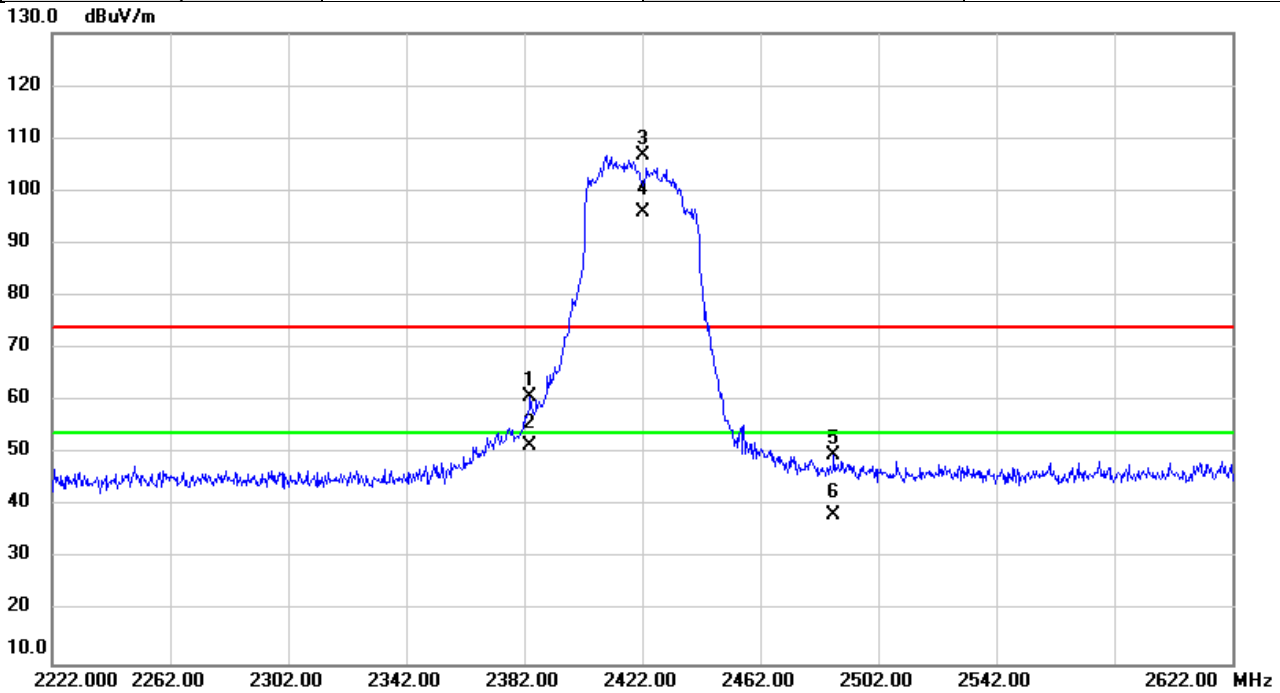


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2381.973	56.76	-5.78	50.98	74.00	-23.02	peak	
2		2381.973	43.70	-5.78	37.92	54.00	-16.08	AVG	
3	X	2472.000	112.15	-5.66	106.49	74.00	32.49	peak	No Limit
4	*	2472.000	100.36	-5.66	94.70	54.00	40.70	AVG	No Limit
5		2484.213	77.51	-5.65	71.86	74.00	-2.14	peak	
6		2484.213	54.73	-5.65	49.08	54.00	-4.92	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/13
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

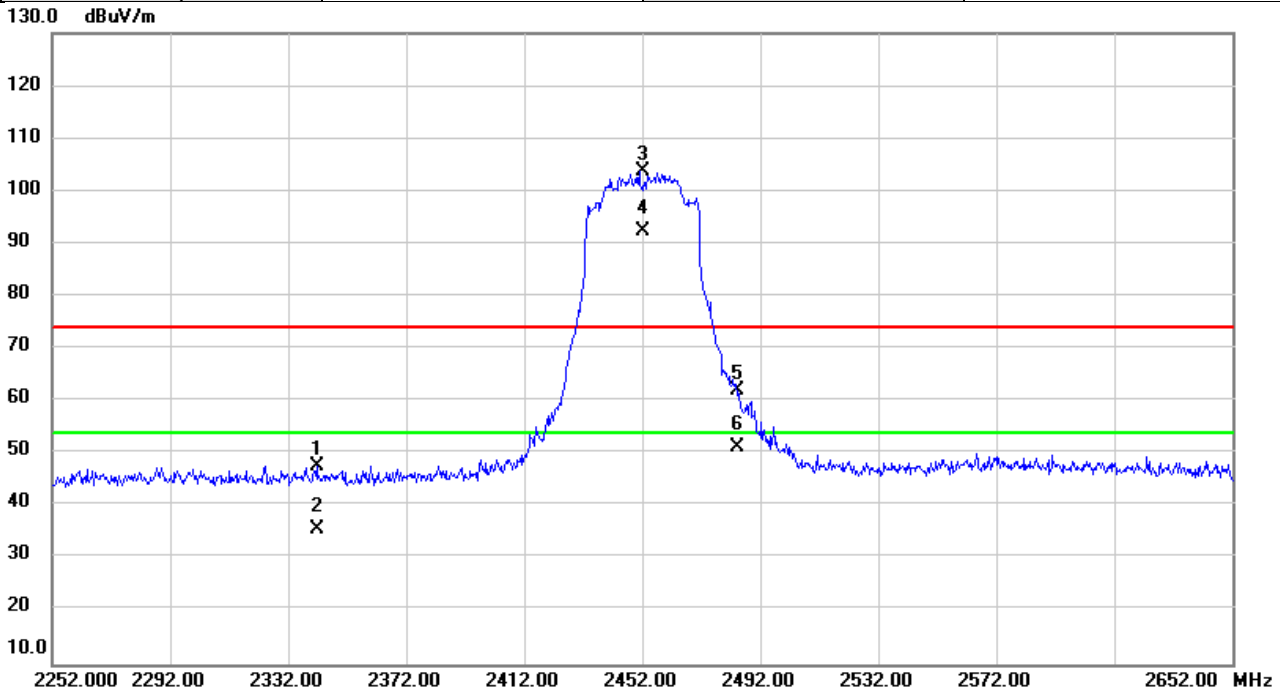


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2384.040	66.60	-5.78	60.82	74.00	-13.18	peak	
2		2384.040	57.20	-5.78	51.42	54.00	-2.58	AVG	
3	X	2422.000	112.38	-5.72	106.66	74.00	32.66	peak	No Limit
4	*	2422.000	101.56	-5.72	95.84	54.00	41.84	AVG	No Limit
5		2486.933	55.43	-5.63	49.80	74.00	-24.20	peak	
6		2486.933	44.01	-5.63	38.38	54.00	-15.62	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/13
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

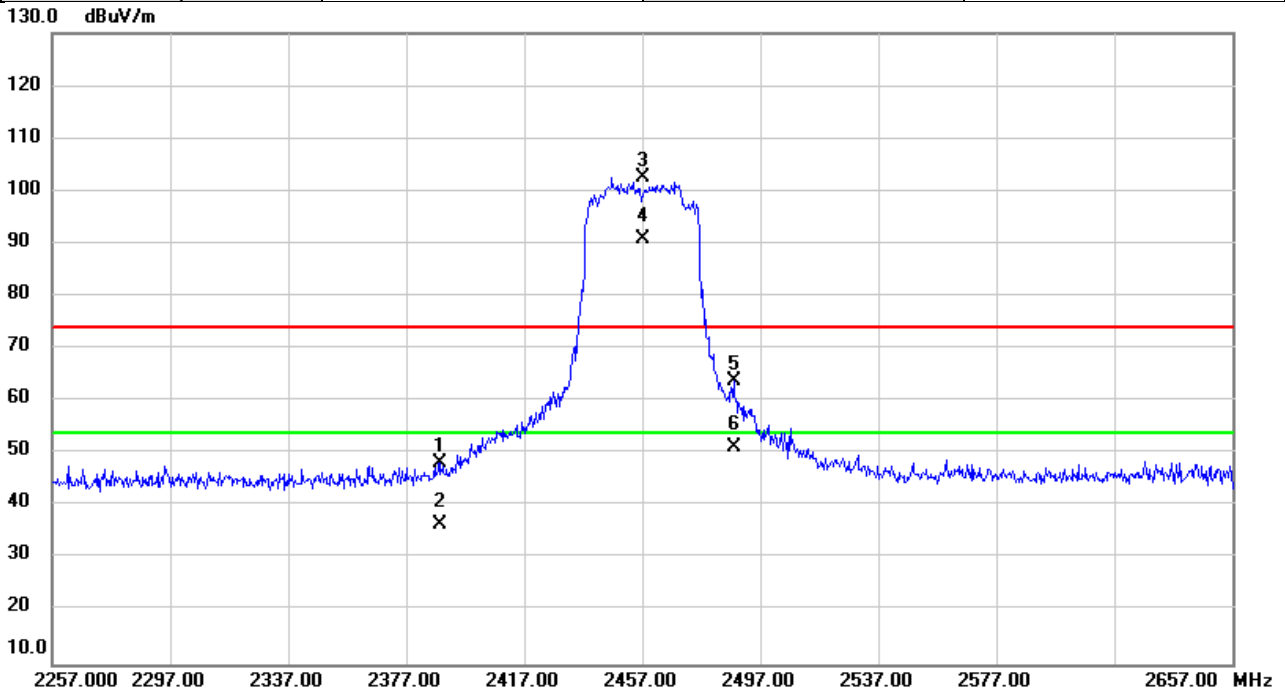


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2341.933	53.62	-5.83	47.79	74.00	-26.21	peak	
2		2341.933	41.37	-5.83	35.54	54.00	-18.46	AVG	
3	X	2452.000	109.41	-5.69	103.72	74.00	29.72	peak	No Limit
4	*	2452.000	98.05	-5.69	92.36	54.00	38.36	AVG	No Limit
5		2484.493	67.83	-5.64	62.19	74.00	-11.81	peak	
6		2484.493	57.04	-5.64	51.40	54.00	-2.60	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/13
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

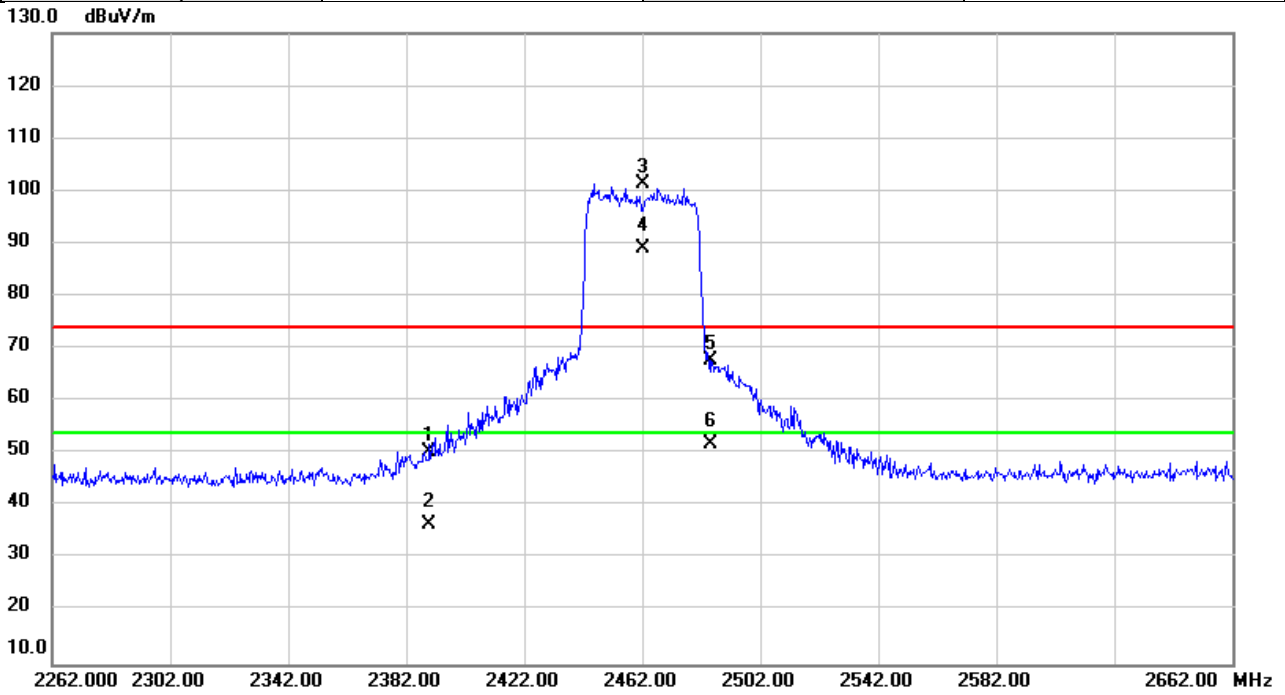


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2388.267	53.99	-5.77	48.22	74.00	-25.78	peak	
2		2388.267	42.45	-5.77	36.68	54.00	-17.32	AVG	
3	X	2457.000	108.10	-5.67	102.43	74.00	28.43	peak	No Limit
4	*	2457.000	96.60	-5.67	90.93	54.00	36.93	AVG	No Limit
5		2488.040	69.47	-5.63	63.84	74.00	-10.16	peak	
6		2488.040	56.93	-5.63	51.30	54.00	-2.70	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

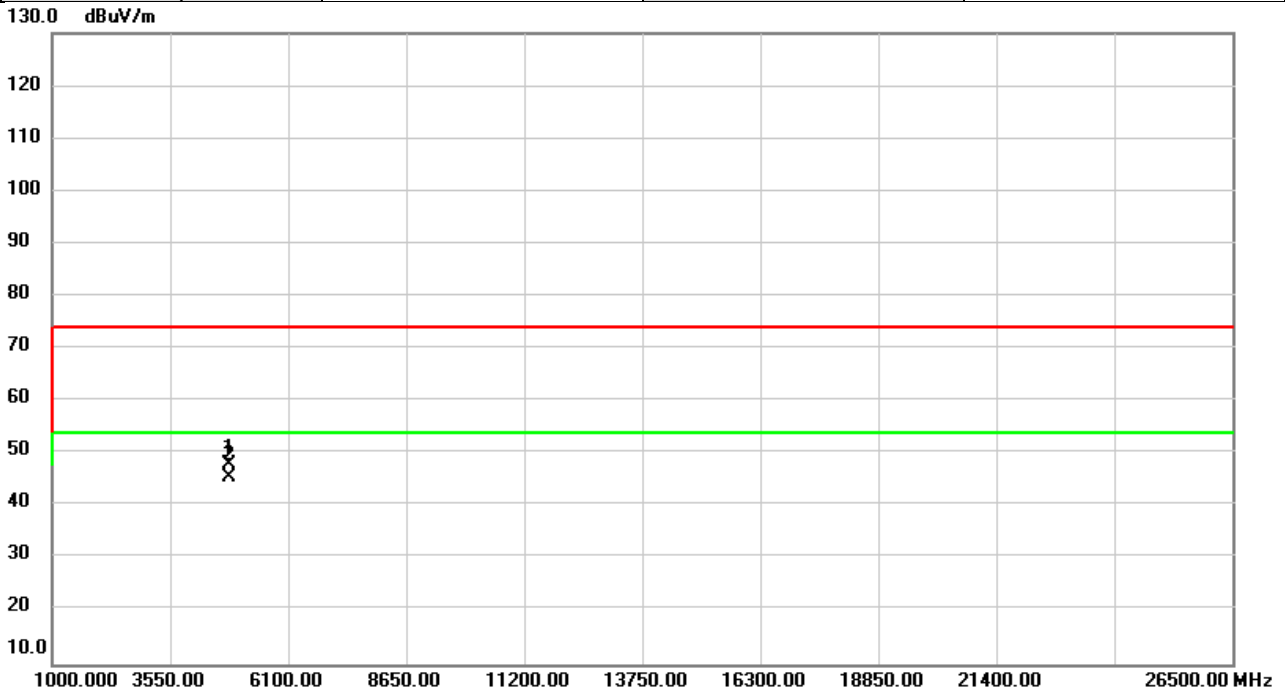


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2389.974	56.12	-5.77	50.35	74.00	-23.65	peak	
2		2389.974	42.43	-5.77	36.66	54.00	-17.34	AVG	
3	X	2462.000	107.10	-5.68	101.42	74.00	27.42	peak	No Limit
4	*	2462.000	94.80	-5.68	89.12	54.00	35.12	AVG	No Limit
5		2485.293	73.27	-5.63	67.64	74.00	-6.36	peak	
6		2485.293	57.48	-5.63	51.85	54.00	-2.15	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/13
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

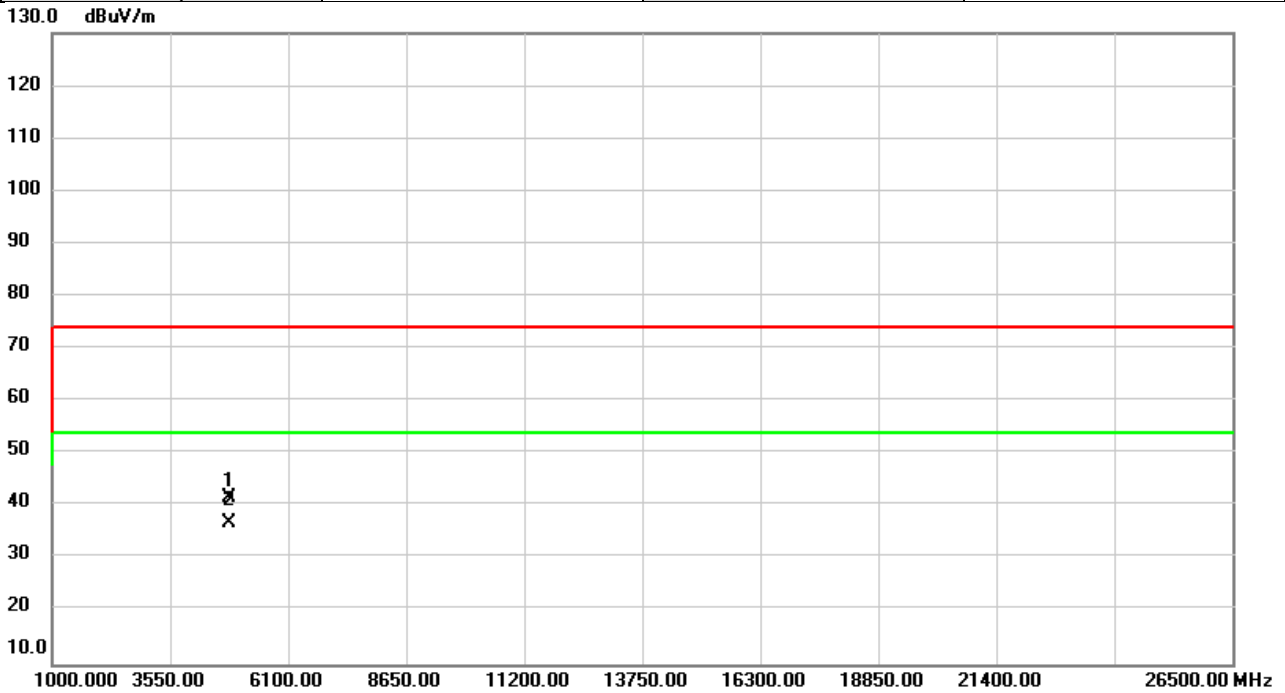


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	47.26	0.72	47.98	74.00	-26.02	peak	
2	*	4824.000	44.82	0.72	45.54	54.00	-8.46	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/13
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

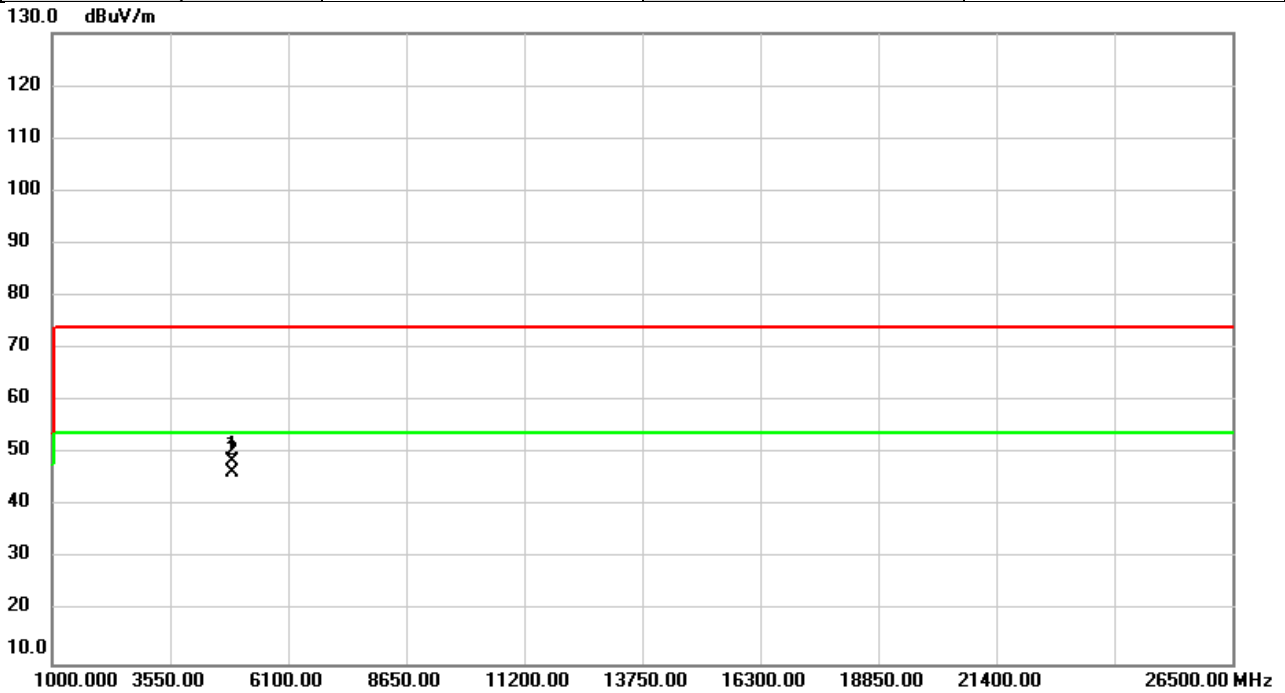


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	40.91	0.72	41.63	74.00	-32.37	peak	
2	*	4824.000	35.98	0.72	36.70	54.00	-17.30	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/17
Test Frequency	2442MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

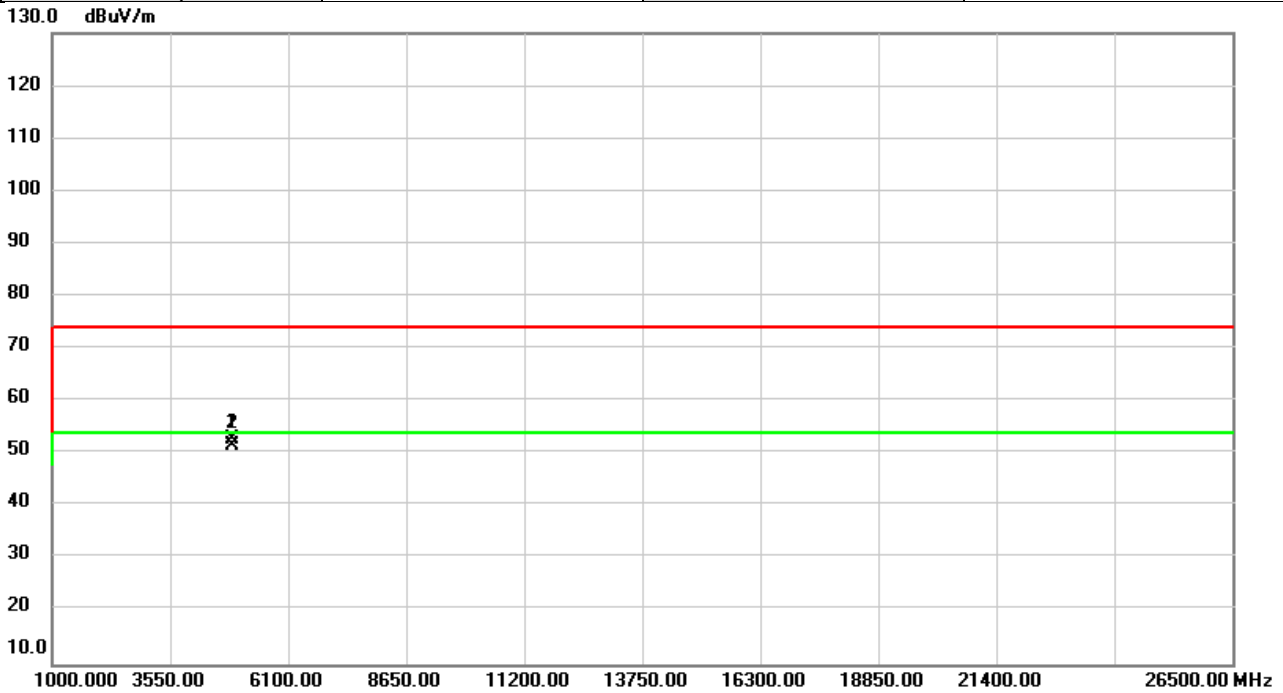


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	57.15	-8.71	48.44	74.00	-25.56	peak	
2	*	4884.000	55.09	-8.71	46.38	54.00	-7.62	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/17
Test Frequency	2442MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

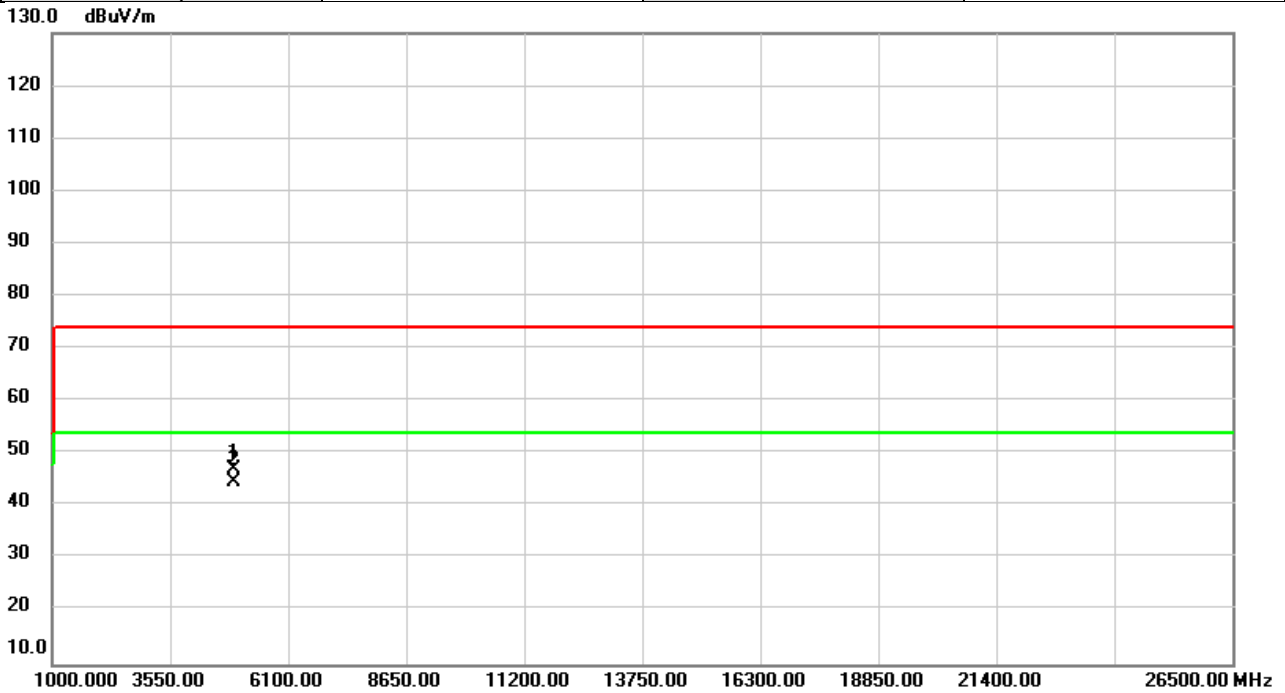


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	61.58	-8.71	52.87	74.00	-21.13	peak	
2	*	4884.000	60.15	-8.71	51.44	54.00	-2.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

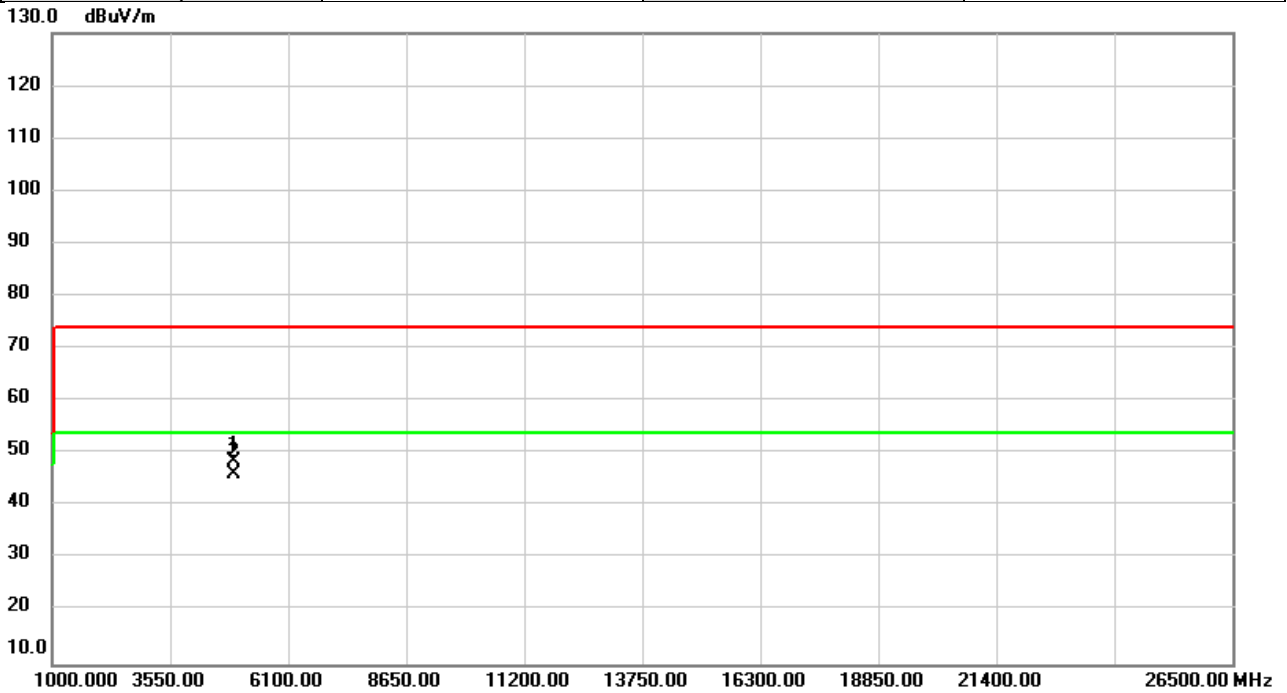


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	45.96	1.07	47.03	74.00	-26.97	peak	
2	*	4924.000	43.58	1.07	44.65	54.00	-9.35	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

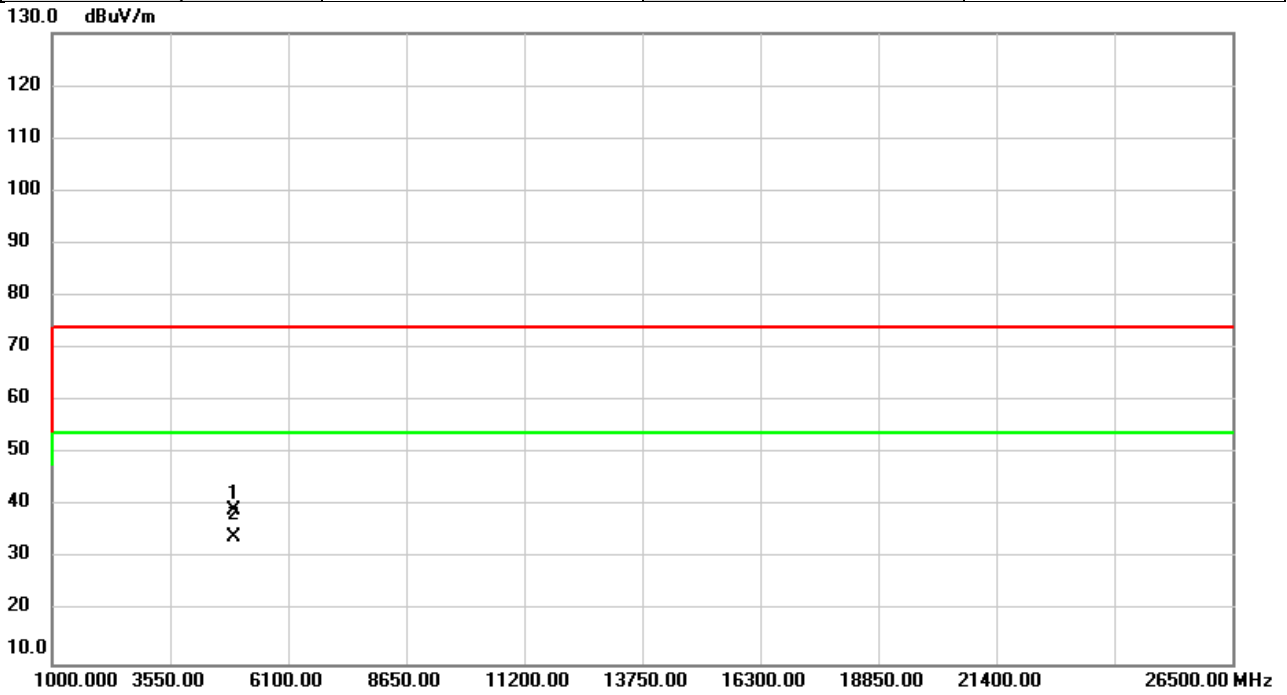


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	47.34	1.07	48.41	74.00	-25.59	peak	
2	*	4924.000	45.08	1.07	46.15	54.00	-7.85	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/13
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

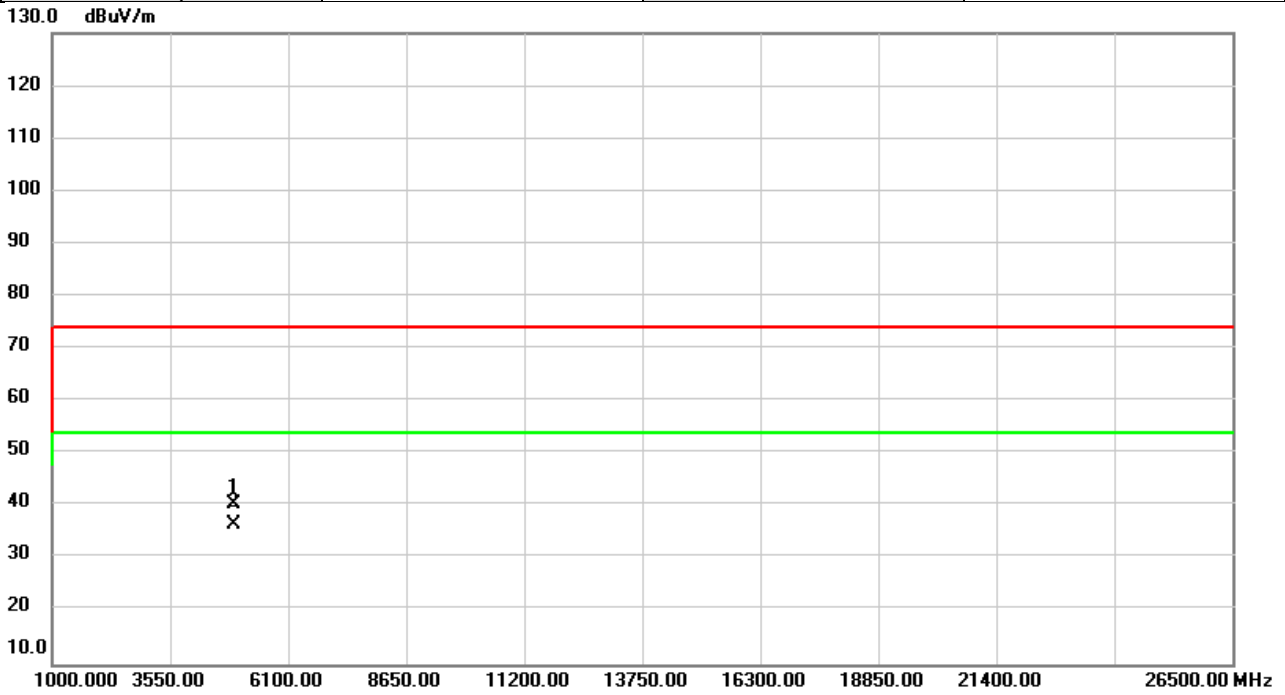


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	38.11	1.10	39.21	74.00	-34.79	peak	
2	*	4934.000	32.92	1.10	34.02	54.00	-19.98	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/13
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

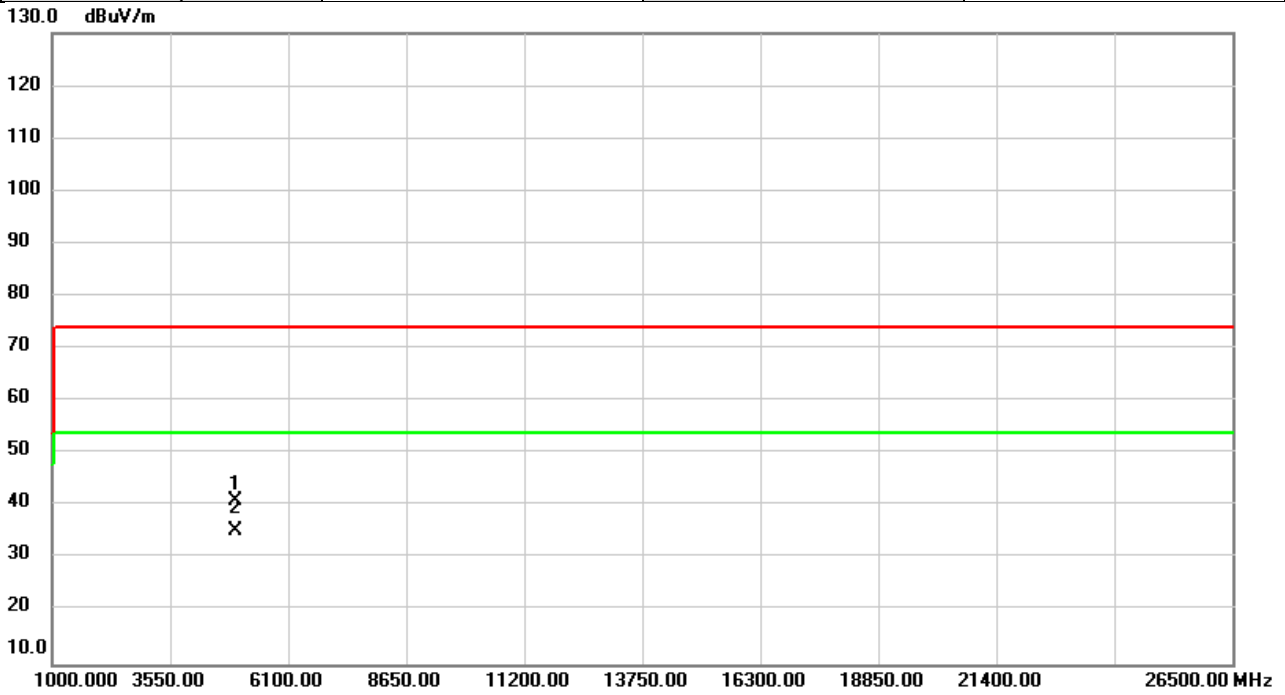


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4934.000	39.48	1.10	40.58	74.00	-33.42	peak	
2	*	4934.000	35.33	1.10	36.43	54.00	-17.57	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/13
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

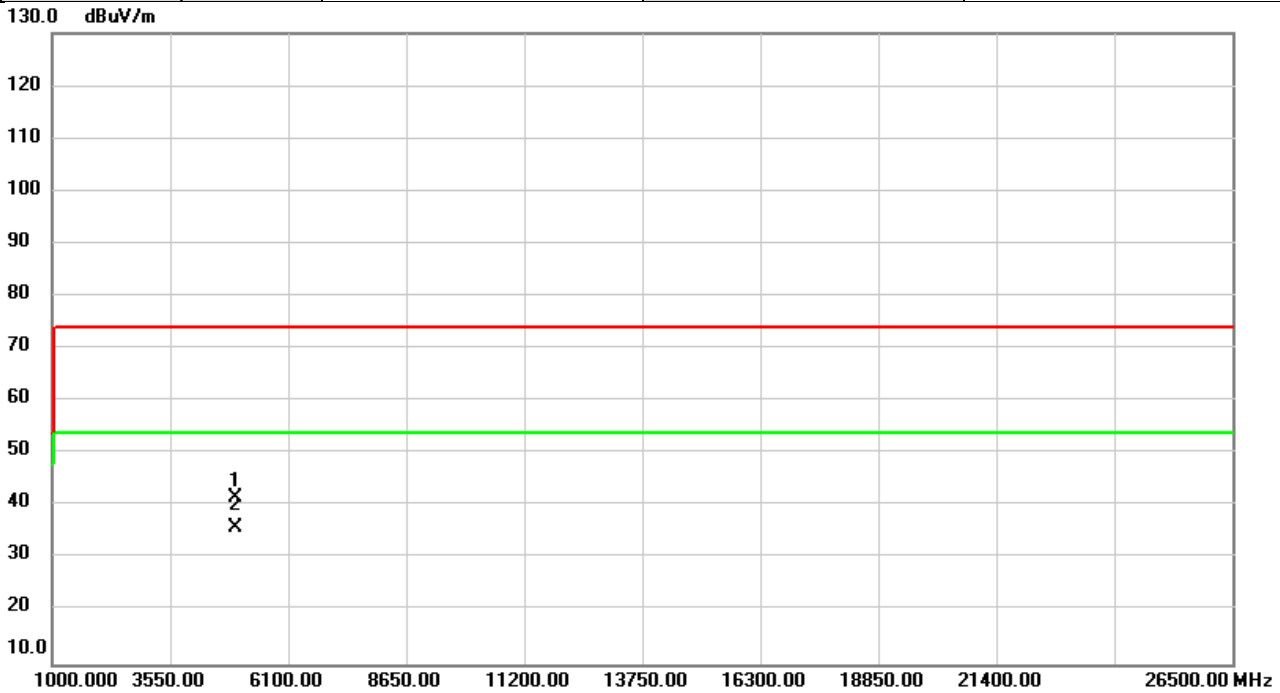


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	40.03	1.13	41.16	74.00	-32.84	peak	
2	*	4944.000	34.25	1.13	35.38	54.00	-18.62	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/2/13
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

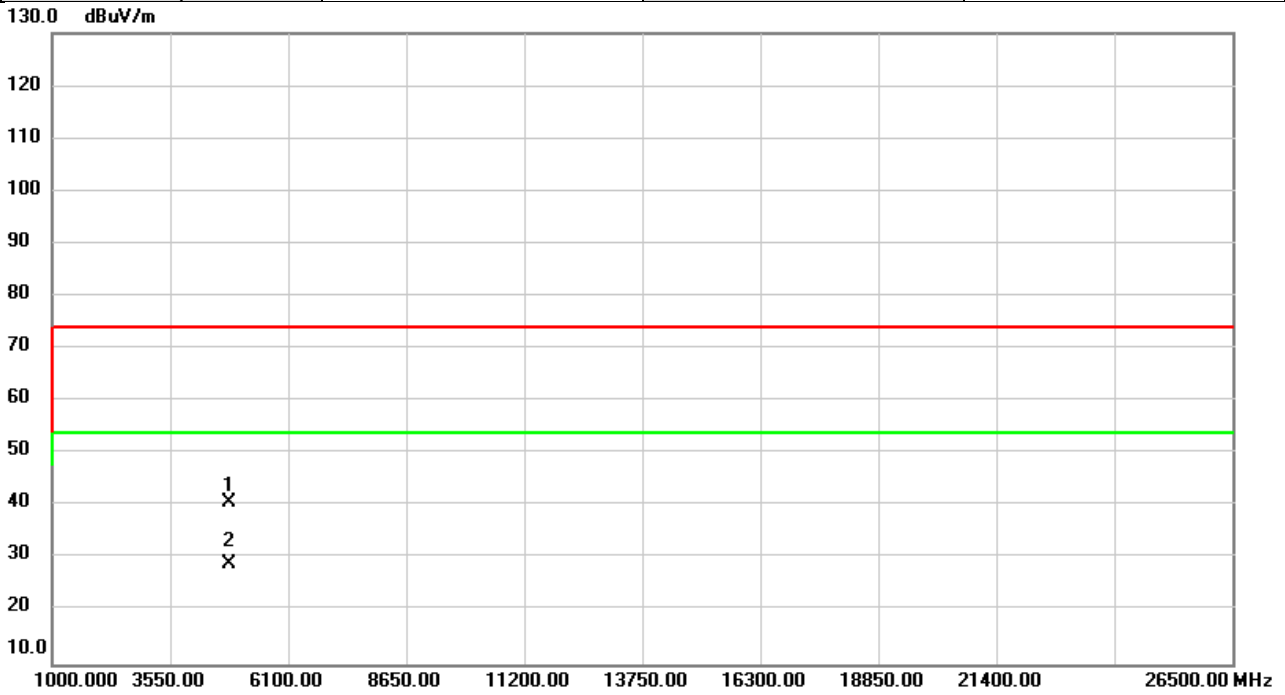


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	40.51	1.13	41.64	74.00	-32.36	peak	
2	*	4944.000	34.87	1.13	36.00	54.00	-18.00	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

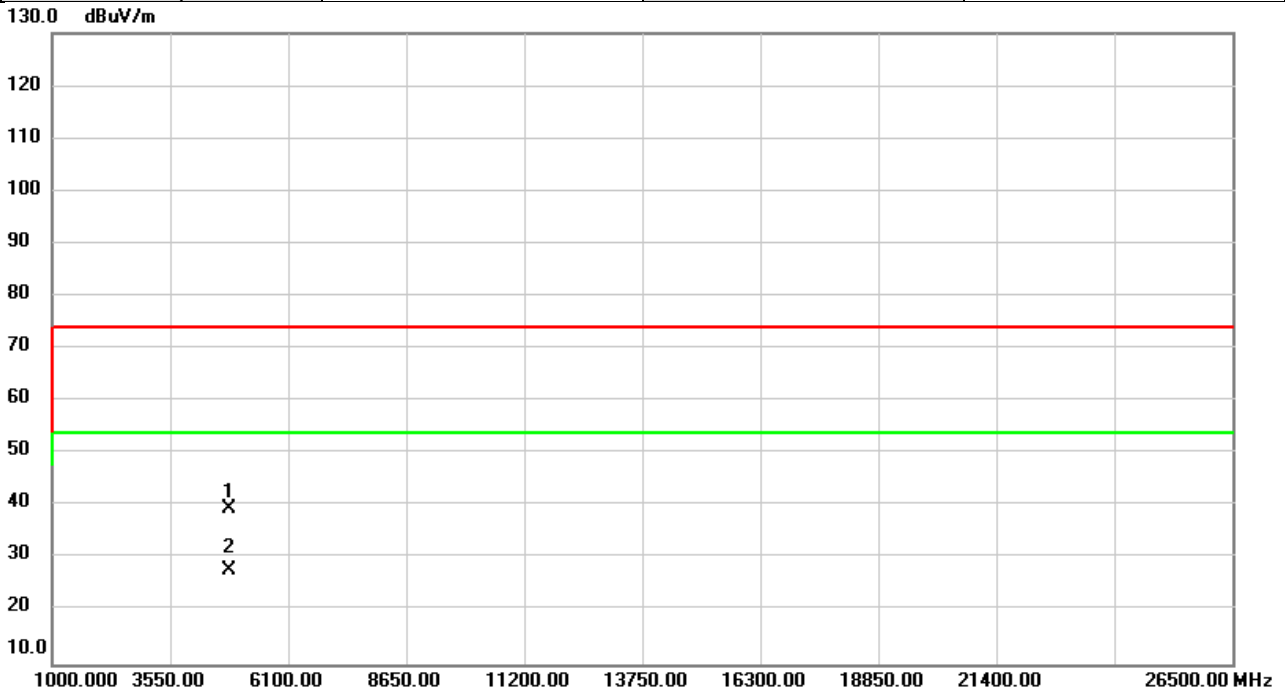


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	39.94	0.72	40.66	74.00	-33.34	peak	
2	*	4824.000	28.45	0.72	29.17	54.00	-24.83	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

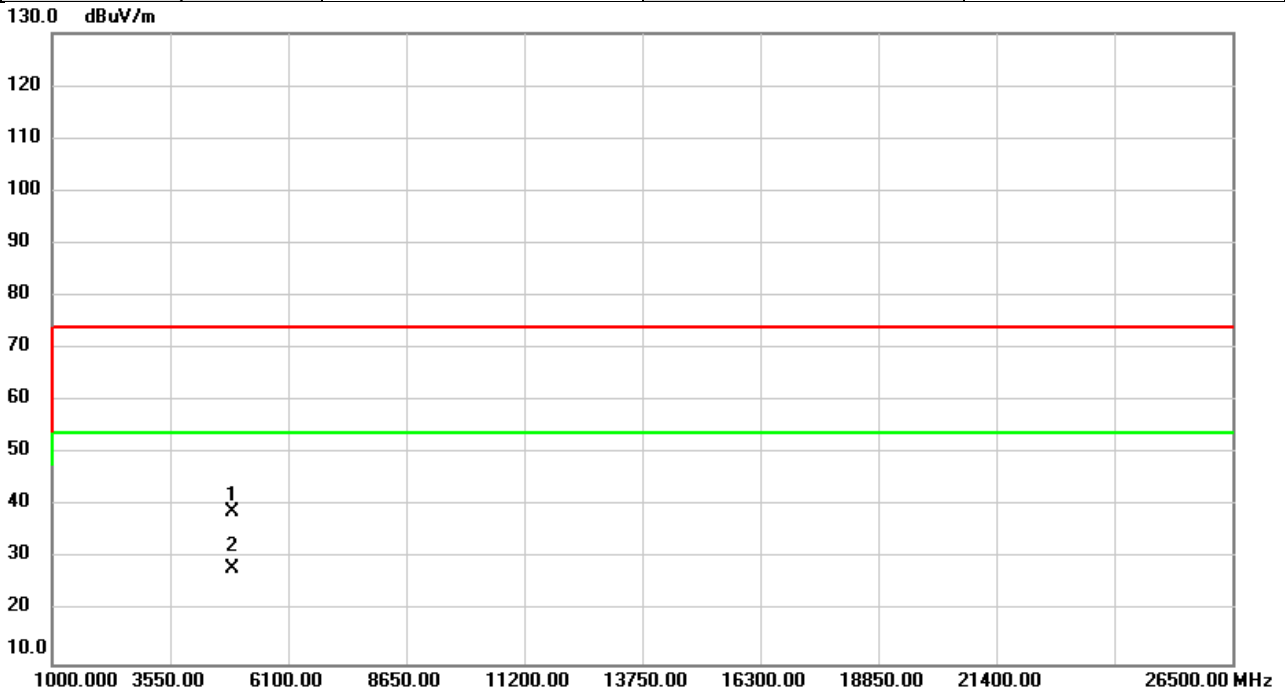


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	38.86	0.72	39.58	74.00	-34.42	peak	
2	*	4824.000	27.09	0.72	27.81	54.00	-26.19	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2442MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

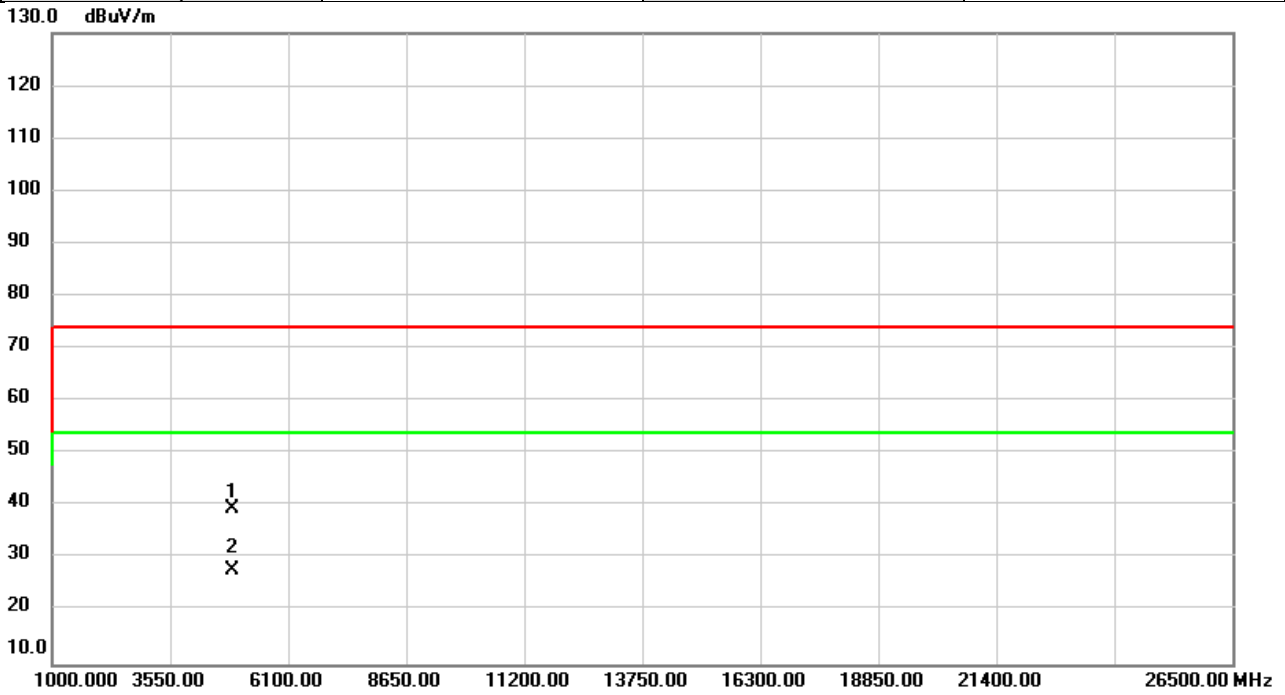


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	38.12	0.93	39.05	74.00	-34.95	peak	
2	*	4884.000	27.33	0.93	28.26	54.00	-25.74	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2442MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

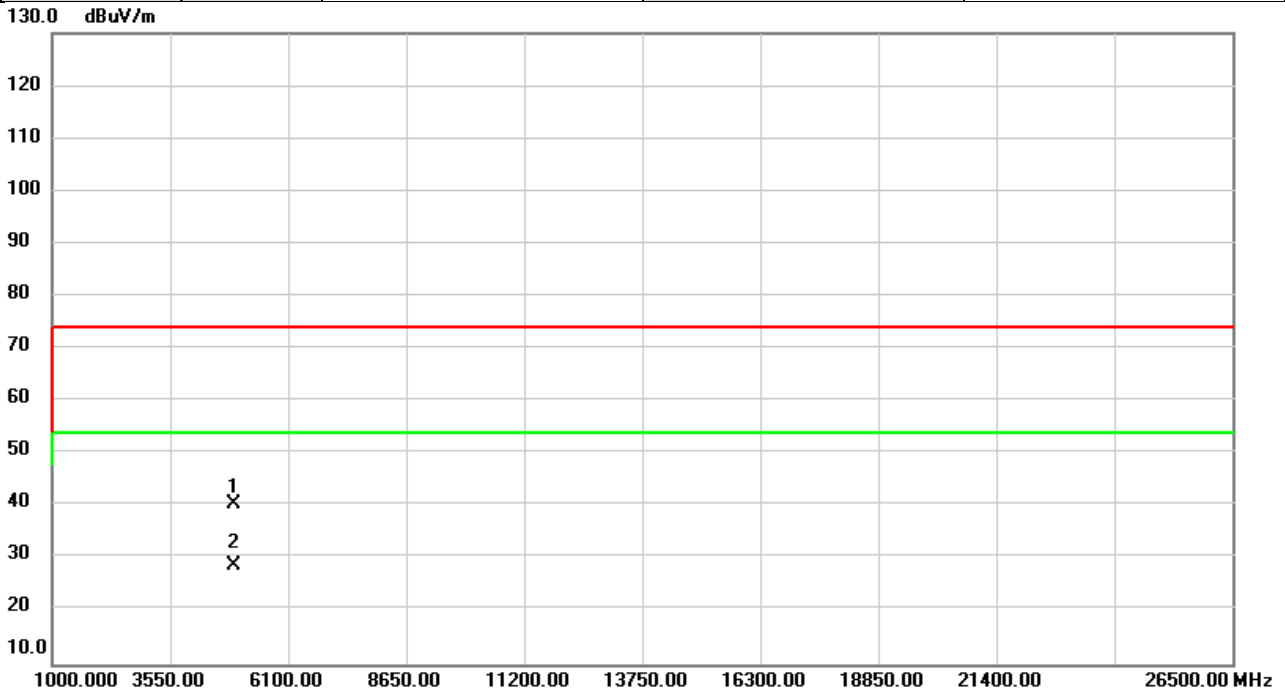


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	38.76	0.93	39.69	74.00	-34.31	peak	
2	*	4884.000	26.93	0.93	27.86	54.00	-26.14	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

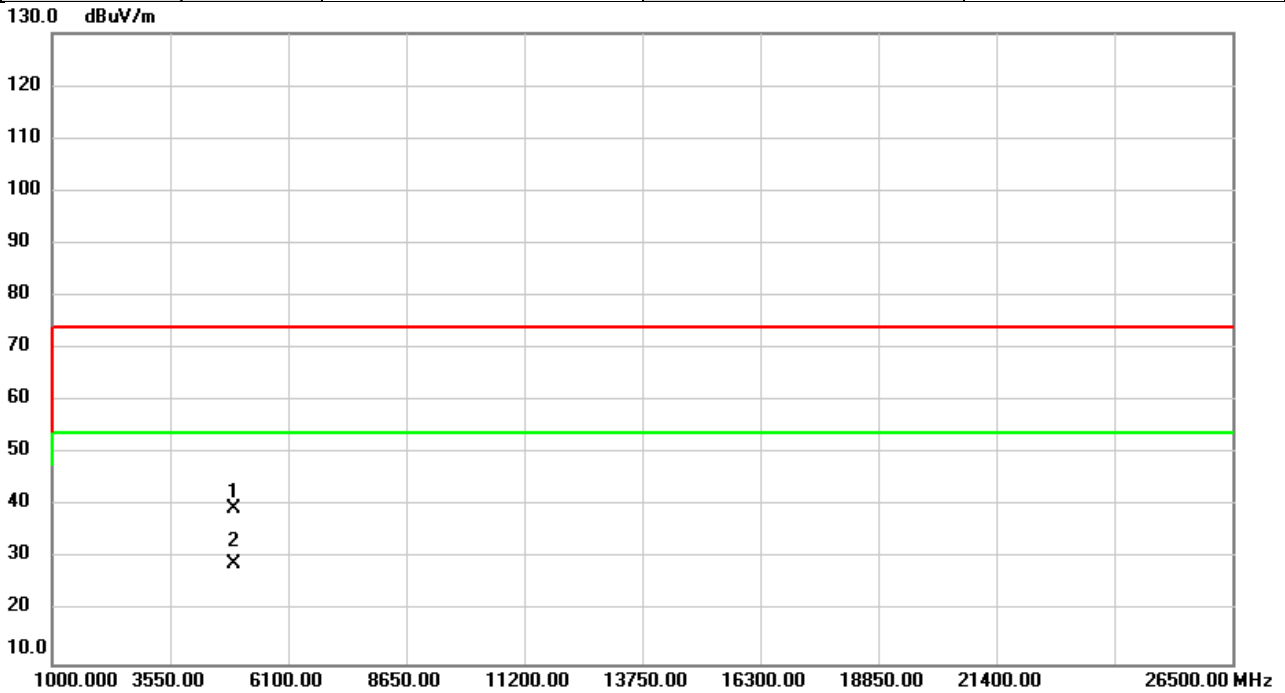


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	39.29	1.07	40.36	74.00	-33.64	peak	
2	*	4924.000	27.63	1.07	28.70	54.00	-25.30	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

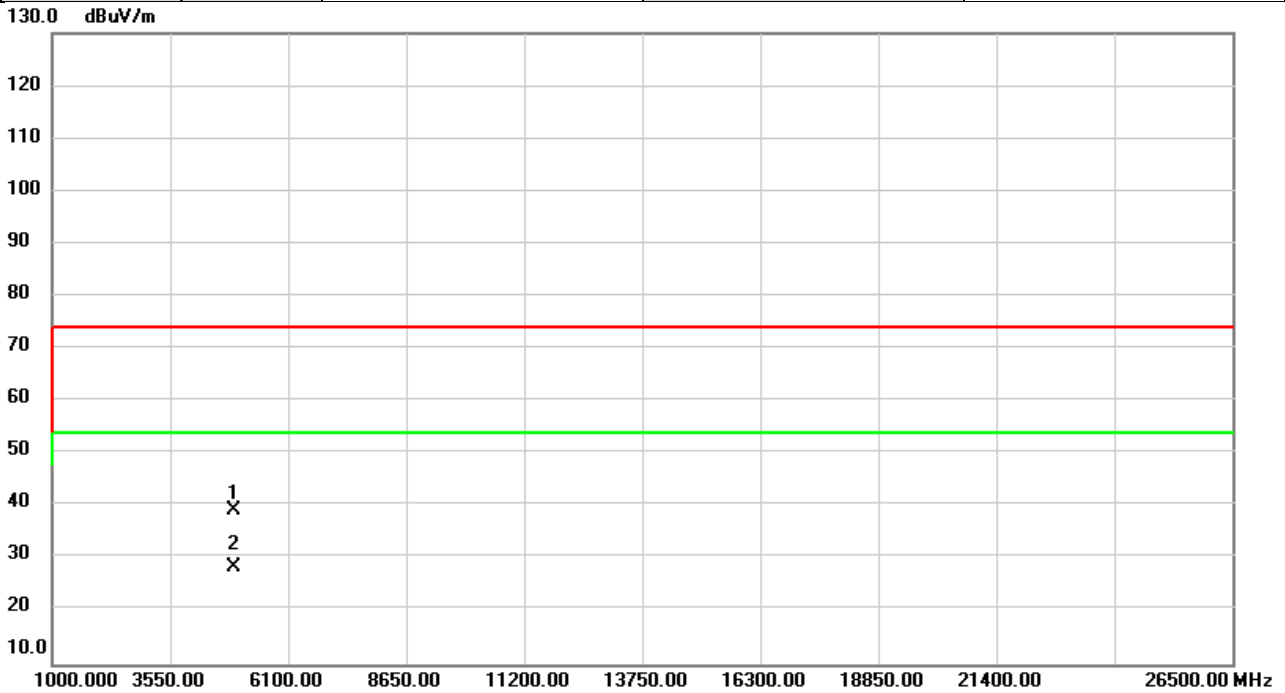


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	38.57	1.07	39.64	74.00	-34.36	peak	
2	*	4924.000	28.06	1.07	29.13	54.00	-24.87	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

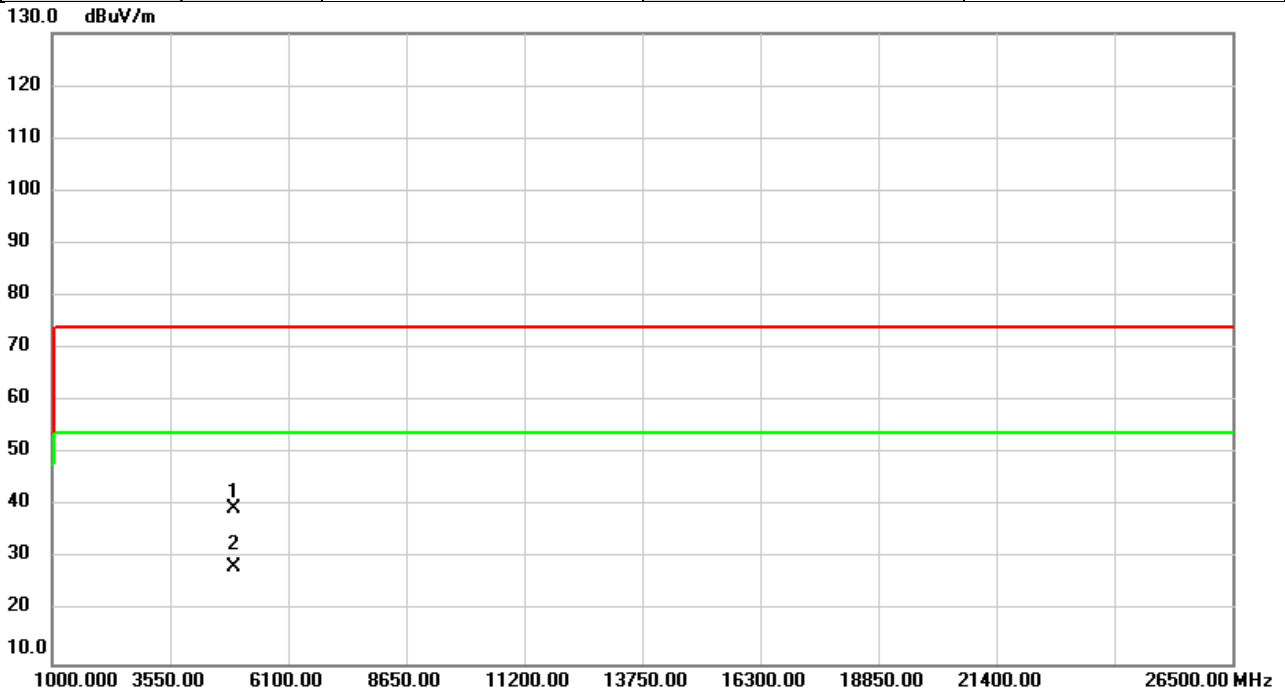


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	38.21	1.10	39.31	74.00	-34.69	peak	
2	*	4934.000	27.40	1.10	28.50	54.00	-25.50	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

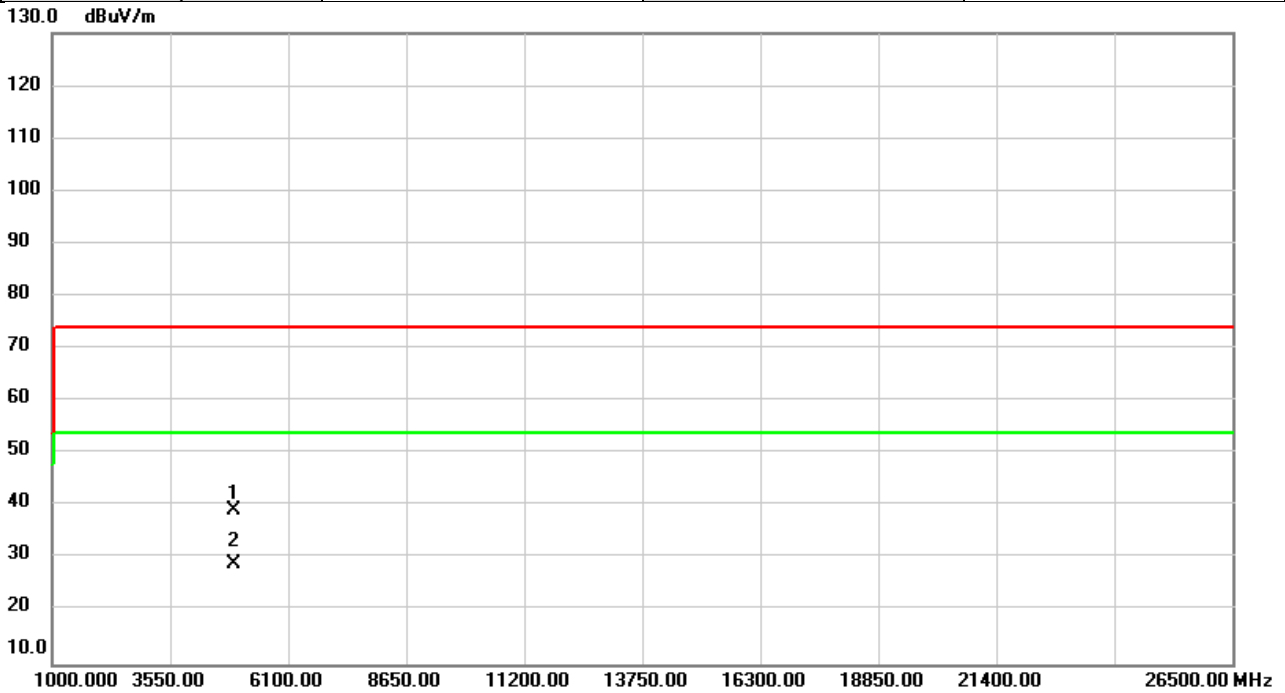


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	38.33	1.10	39.43	74.00	-34.57	peak	
2	*	4934.000	27.26	1.10	28.36	54.00	-25.64	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

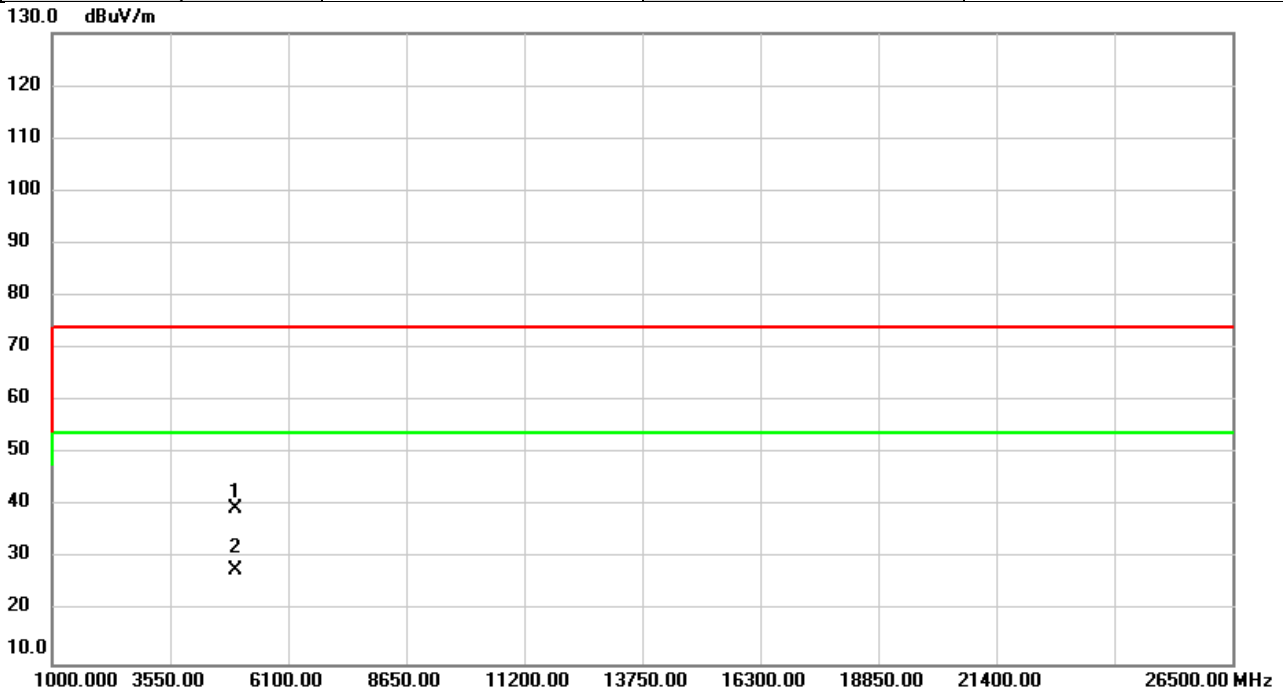


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	38.15	1.10	39.25	74.00	-34.75	peak	
2	*	4944.000	27.84	1.10	28.94	54.00	-25.06	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/2/13
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

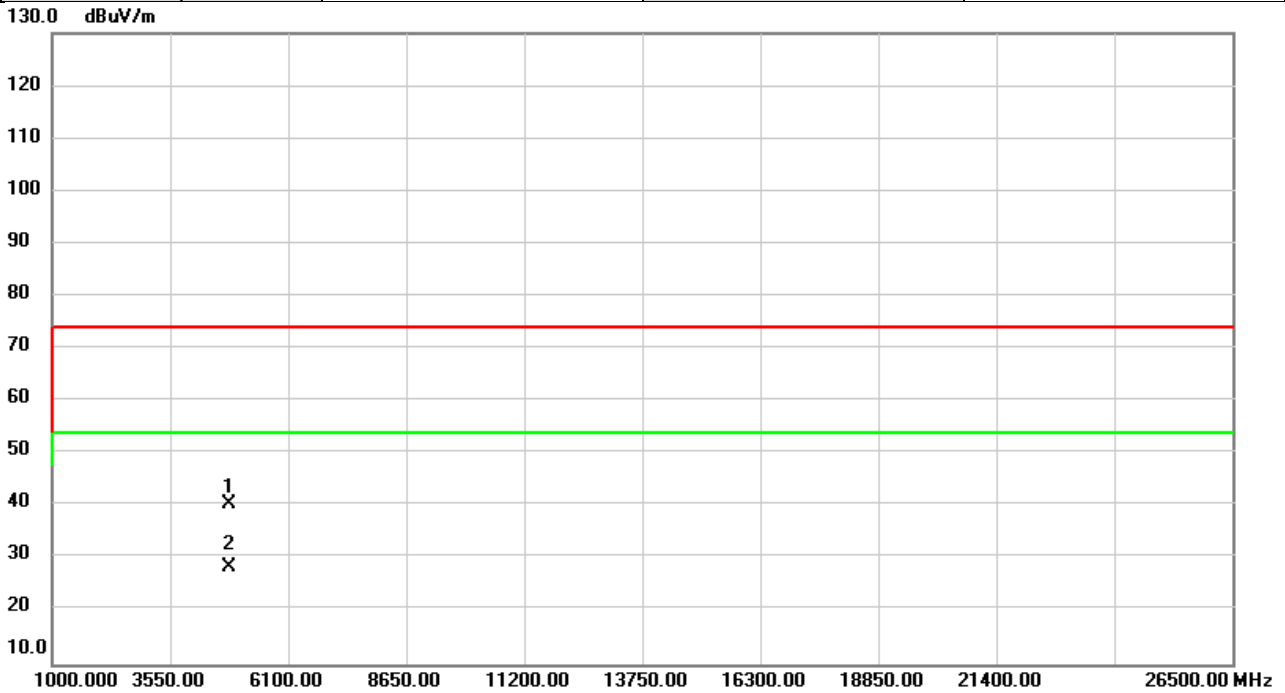


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	38.44	1.13	39.57	74.00	-34.43	peak	
2	*	4944.000	26.65	1.13	27.78	54.00	-26.22	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

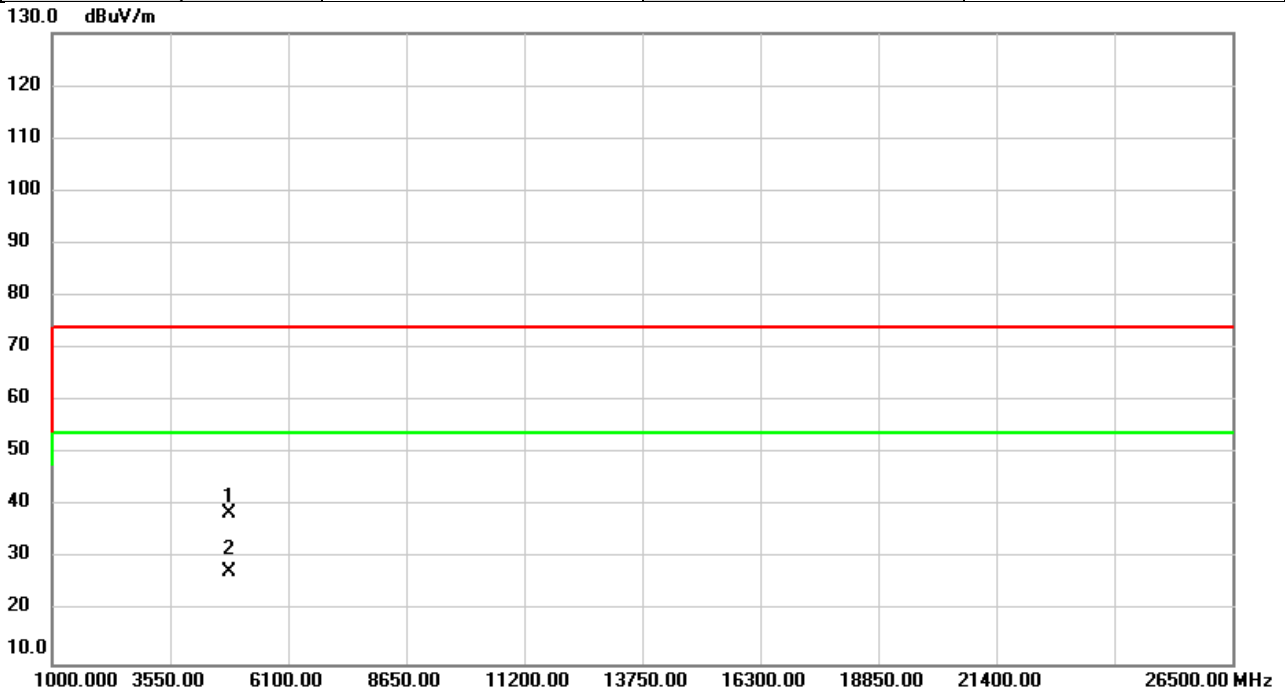


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	39.74	0.72	40.46	74.00	-33.54	peak	
2	*	4824.000	27.86	0.72	28.58	54.00	-25.42	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

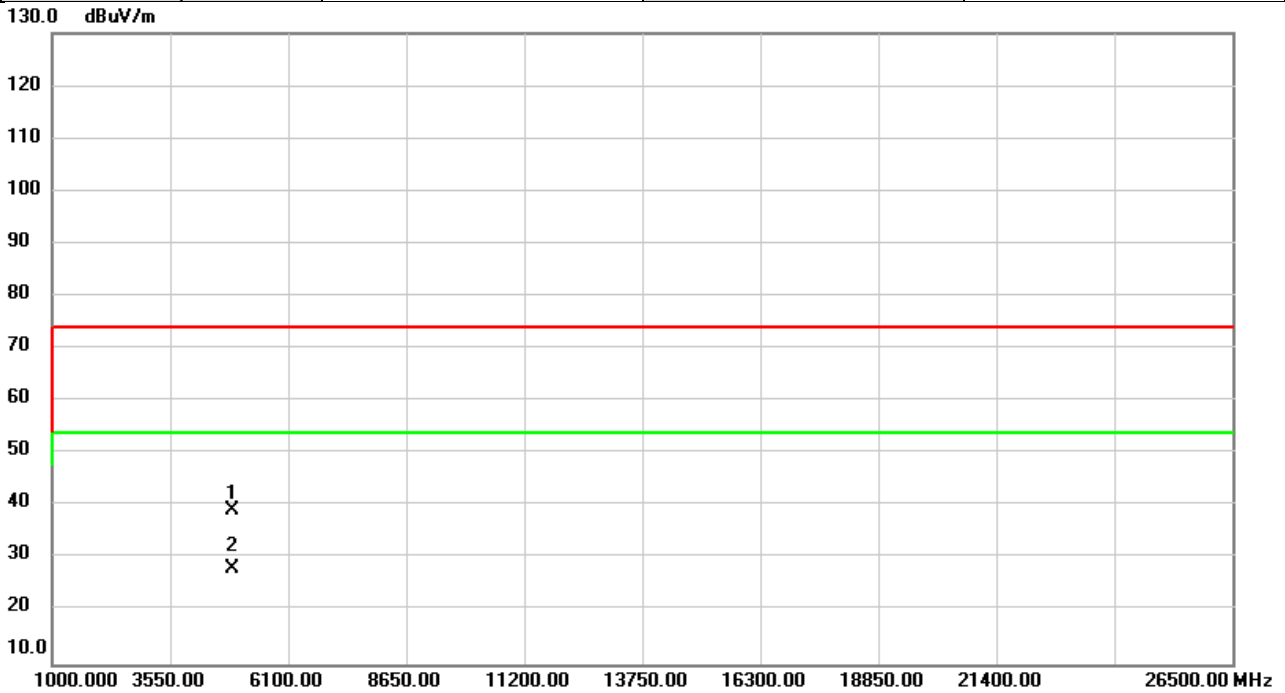


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	38.08	0.72	38.80	74.00	-35.20	peak	
2	*	4824.000	26.72	0.72	27.44	54.00	-26.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2442MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

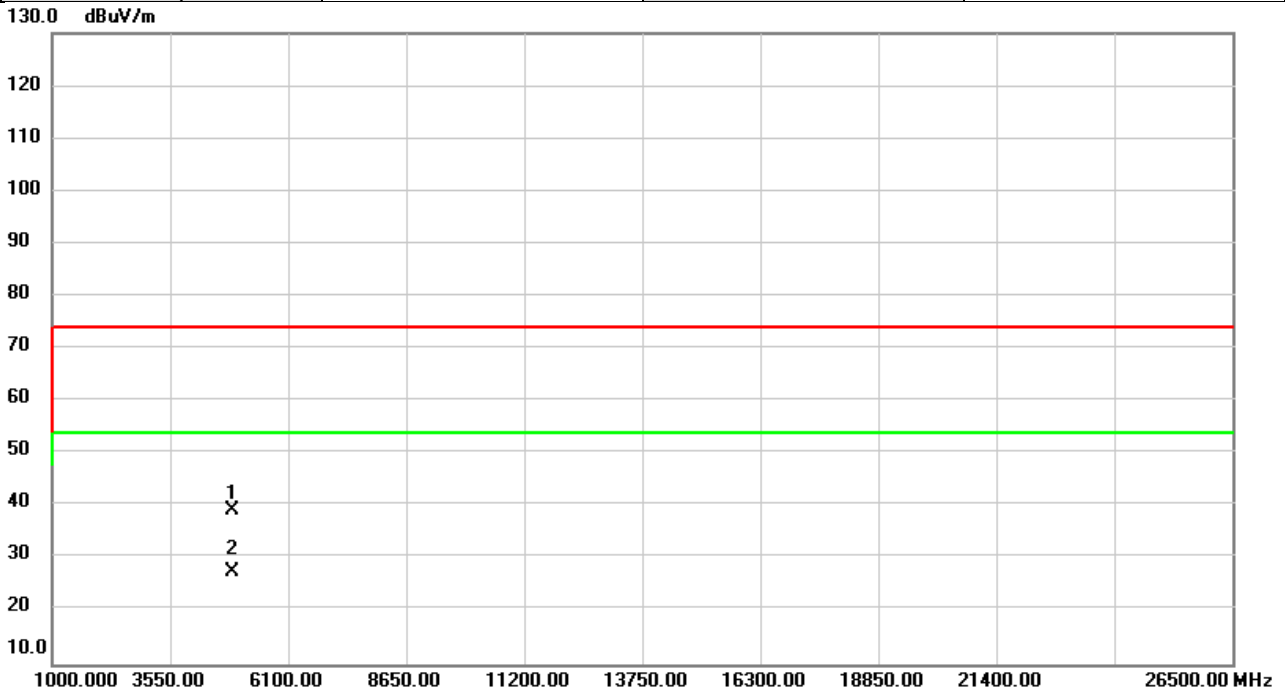


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	38.18	0.93	39.11	74.00	-34.89	peak	
2	*	4884.000	27.16	0.93	28.09	54.00	-25.91	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2442MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

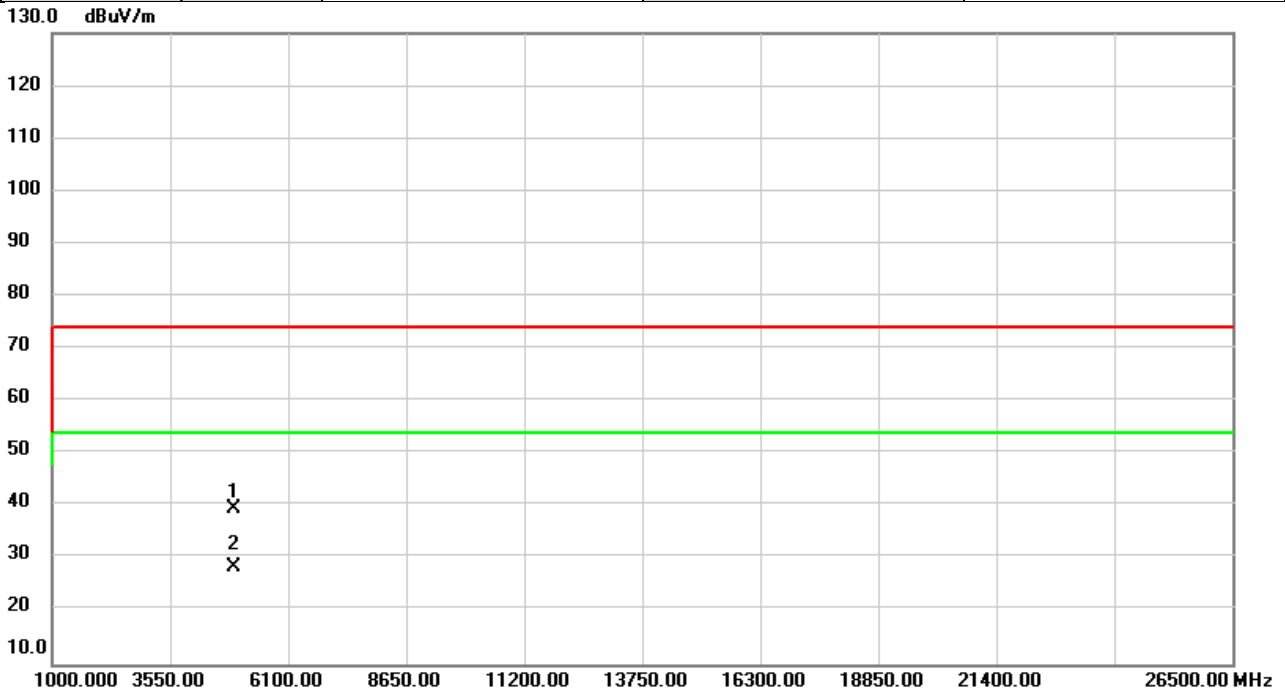


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	38.46	0.93	39.39	74.00	-34.61	peak	
2	*	4884.000	26.53	0.93	27.46	54.00	-26.54	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

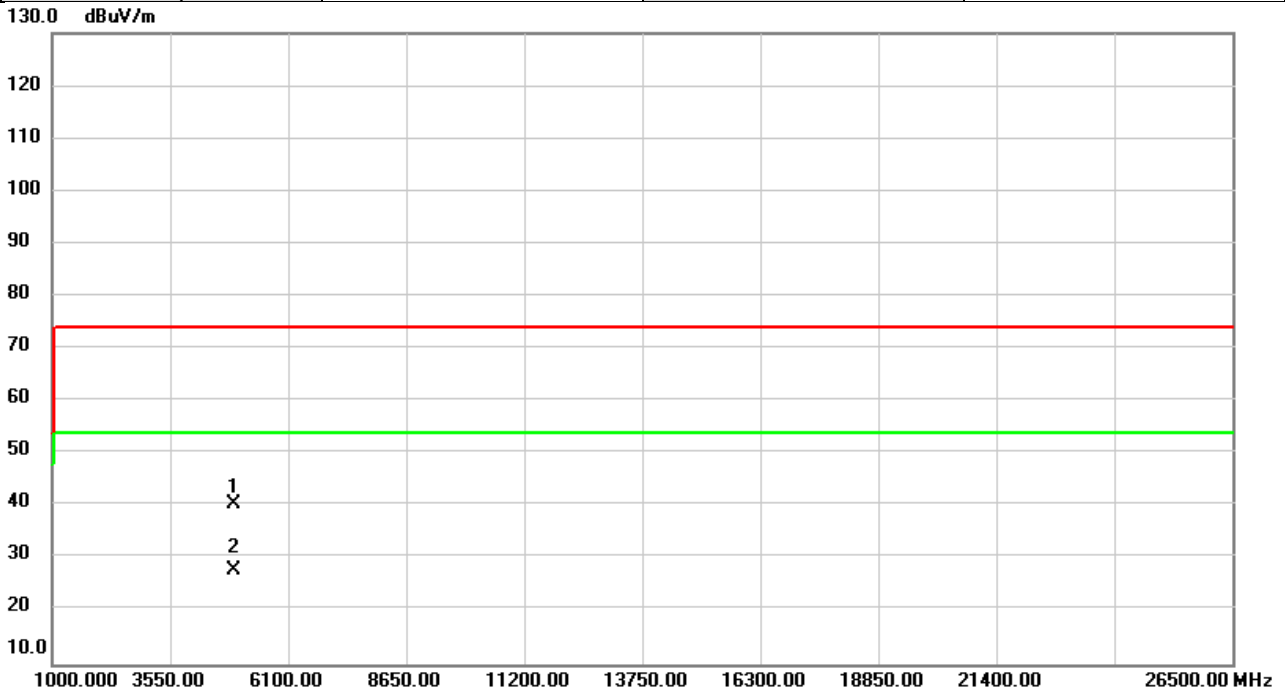


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	38.49	1.07	39.56	74.00	-34.44	peak	
2	*	4924.000	27.47	1.07	28.54	54.00	-25.46	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

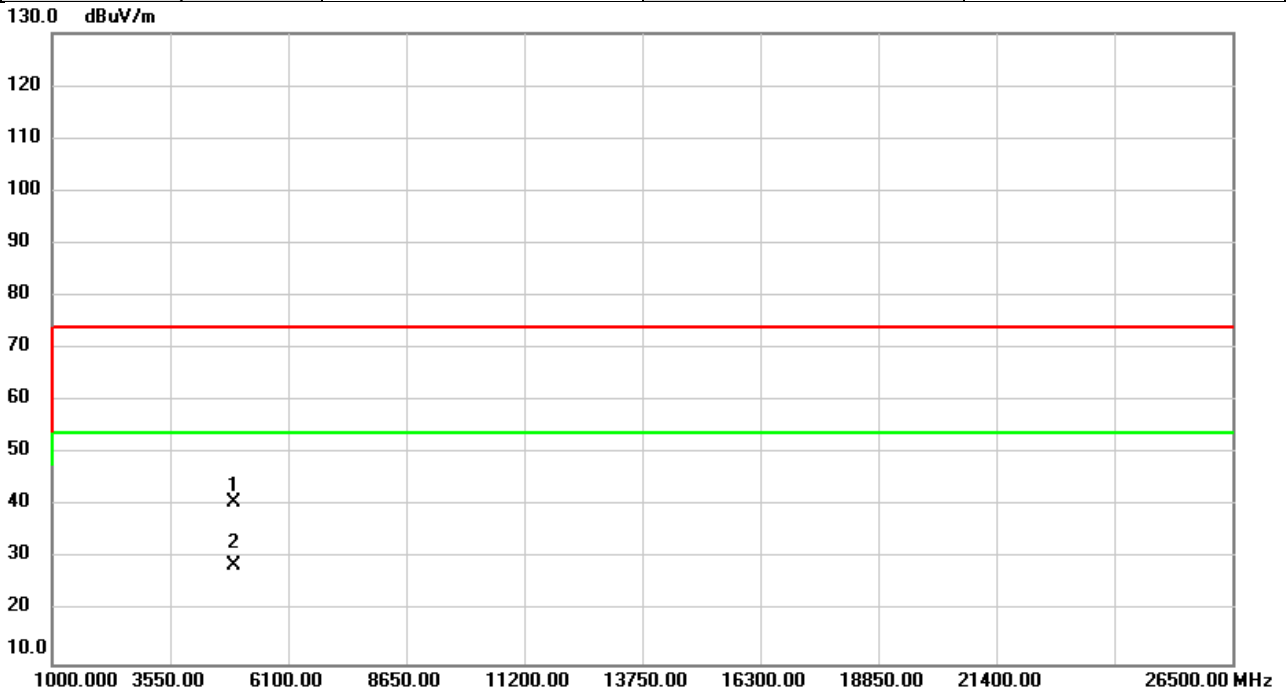


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	39.49	1.07	40.56	74.00	-33.44	peak	
2	*	4924.000	26.91	1.07	27.98	54.00	-26.02	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

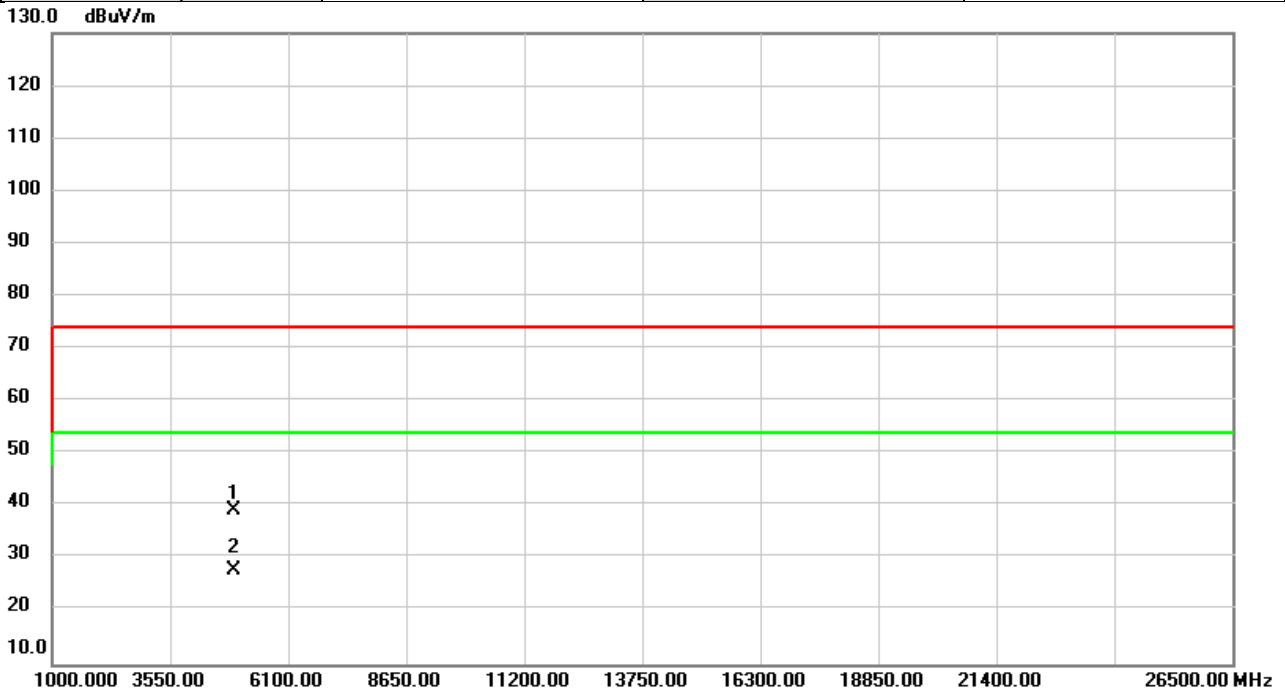


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	39.51	1.10	40.61	74.00	-33.39	peak	
2	*	4934.000	27.51	1.10	28.61	54.00	-25.39	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

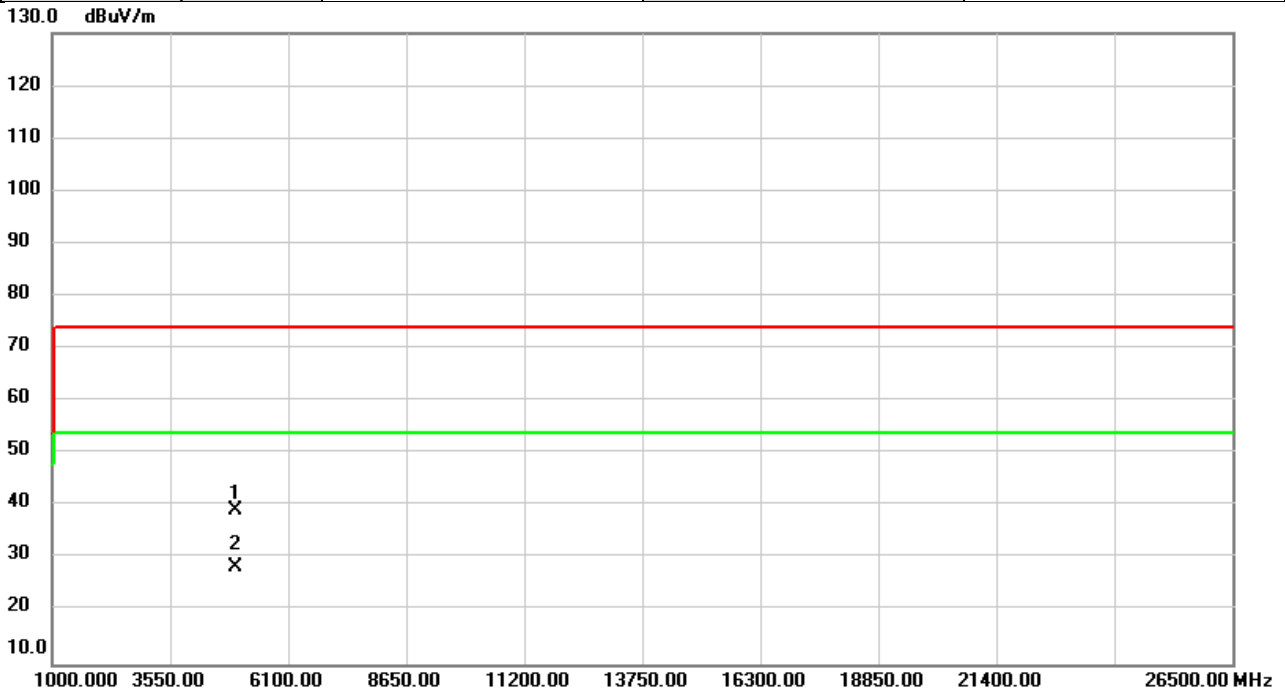


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	38.13	1.10	39.23	74.00	-34.77	peak	
2	*	4934.000	26.88	1.10	27.98	54.00	-26.02	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

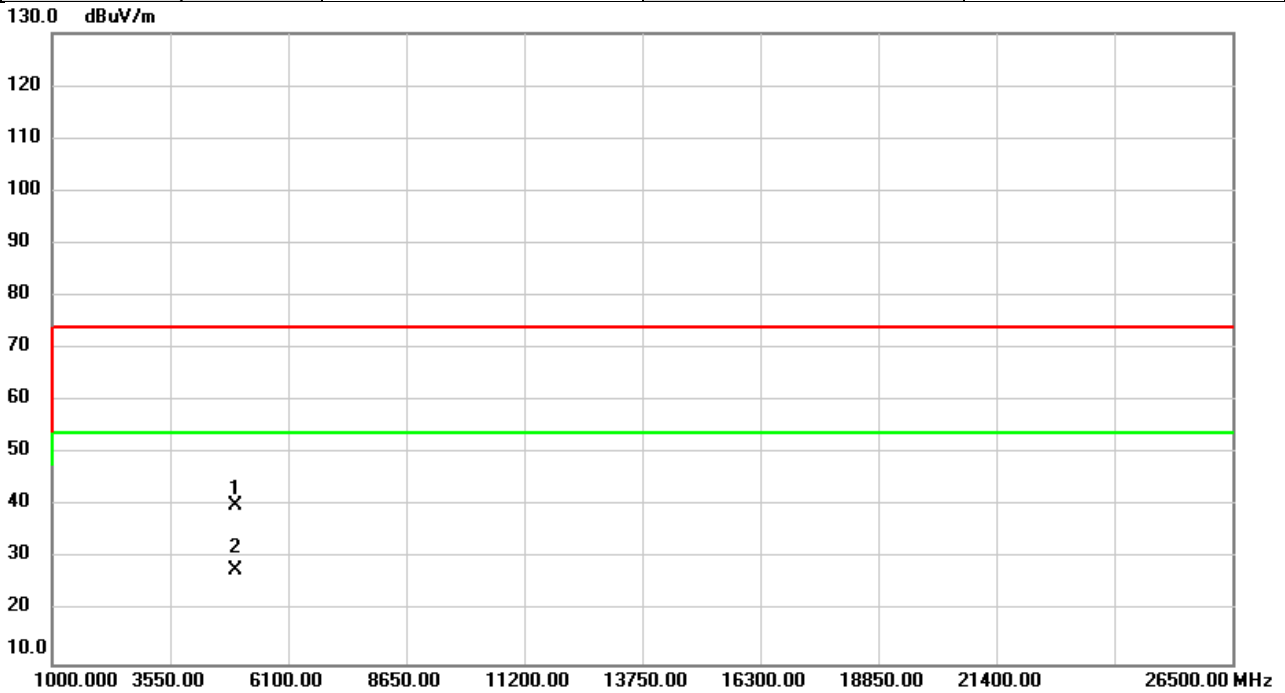


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	38.21	1.13	39.34	74.00	-34.66	peak	
2	*	4944.000	27.25	1.13	28.38	54.00	-25.62	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/2/13
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

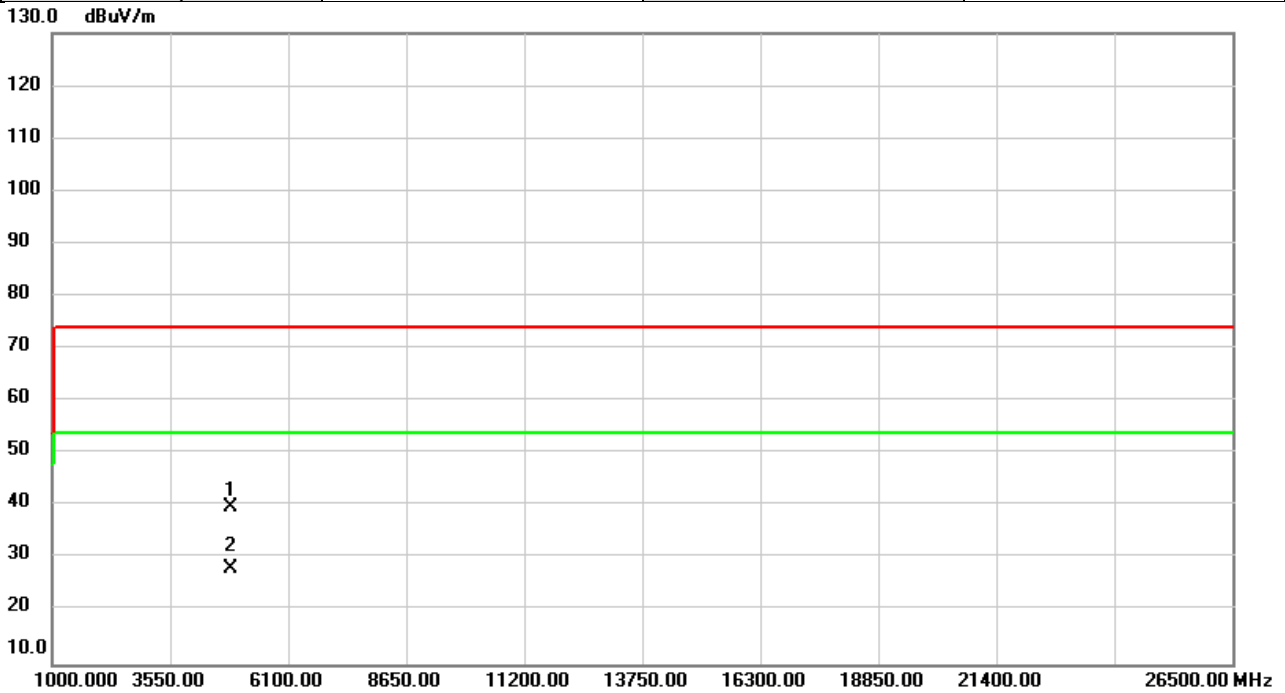


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	38.94	1.13	40.07	74.00	-33.93	peak	
2	*	4944.000	26.71	1.13	27.84	54.00	-26.16	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2422MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

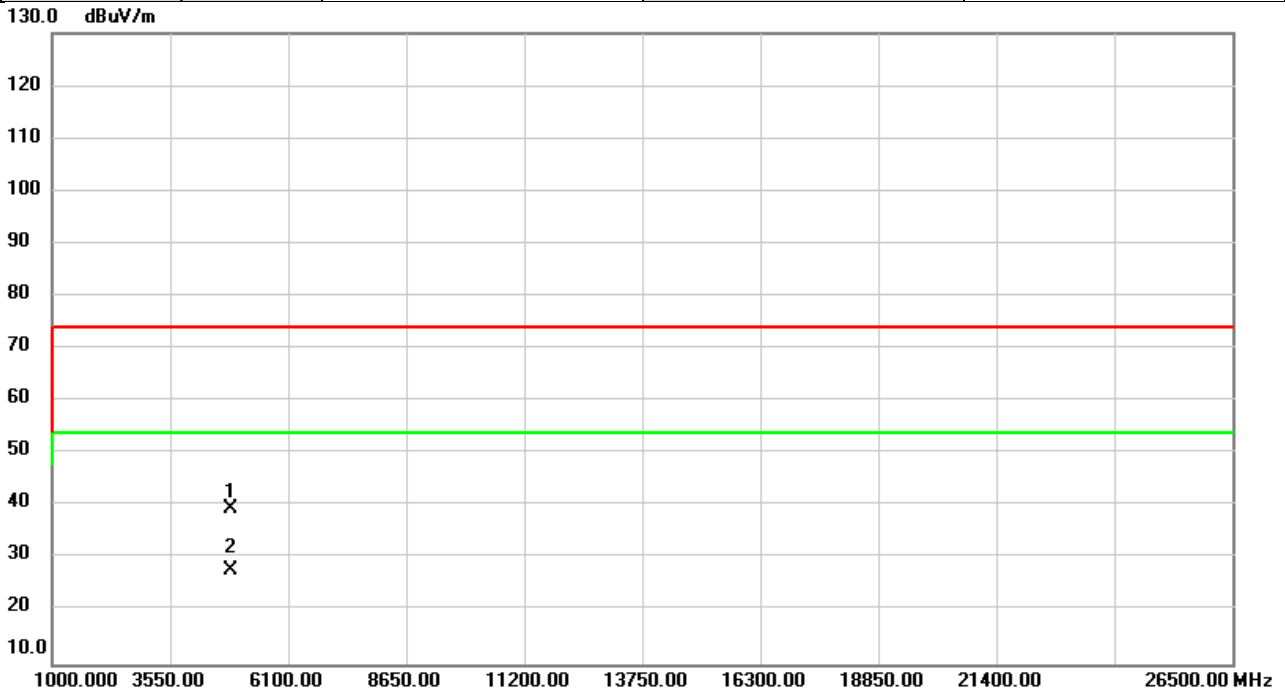


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	39.16	0.78	39.94	74.00	-34.06	peak	
2	*	4844.000	27.34	0.78	28.12	54.00	-25.88	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

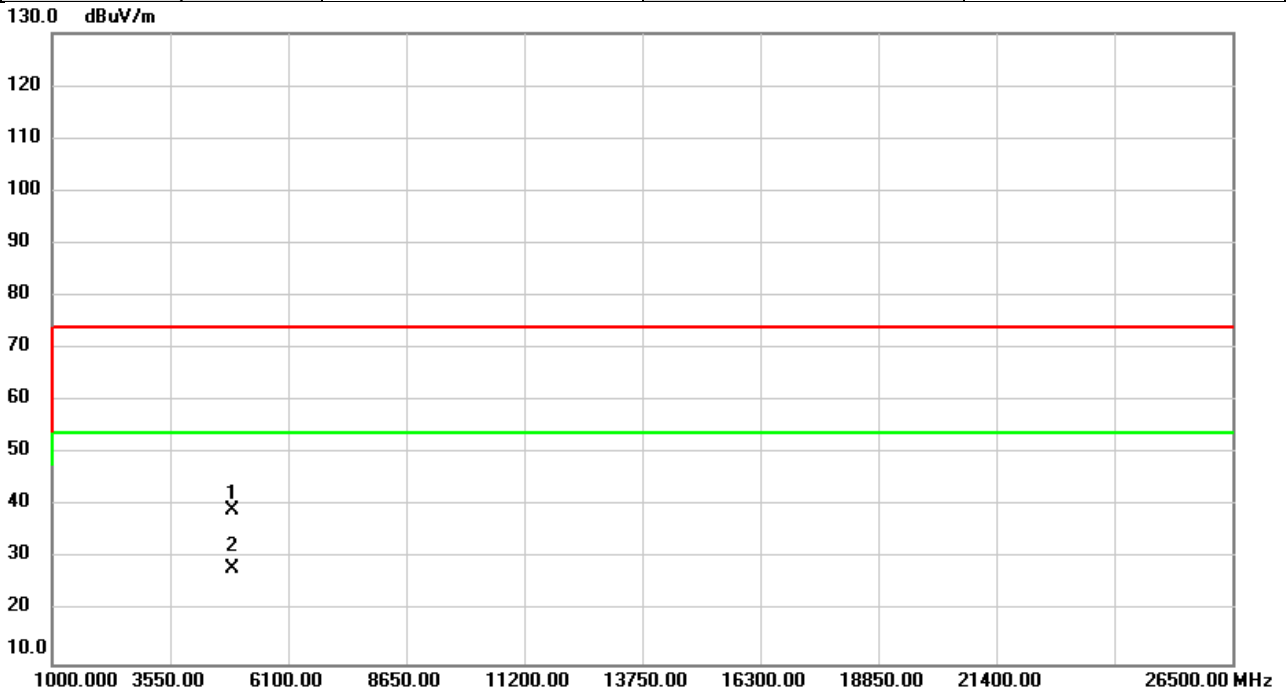


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	38.83	0.78	39.61	74.00	-34.39	peak	
2	*	4844.000	26.96	0.78	27.74	54.00	-26.26	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2442MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

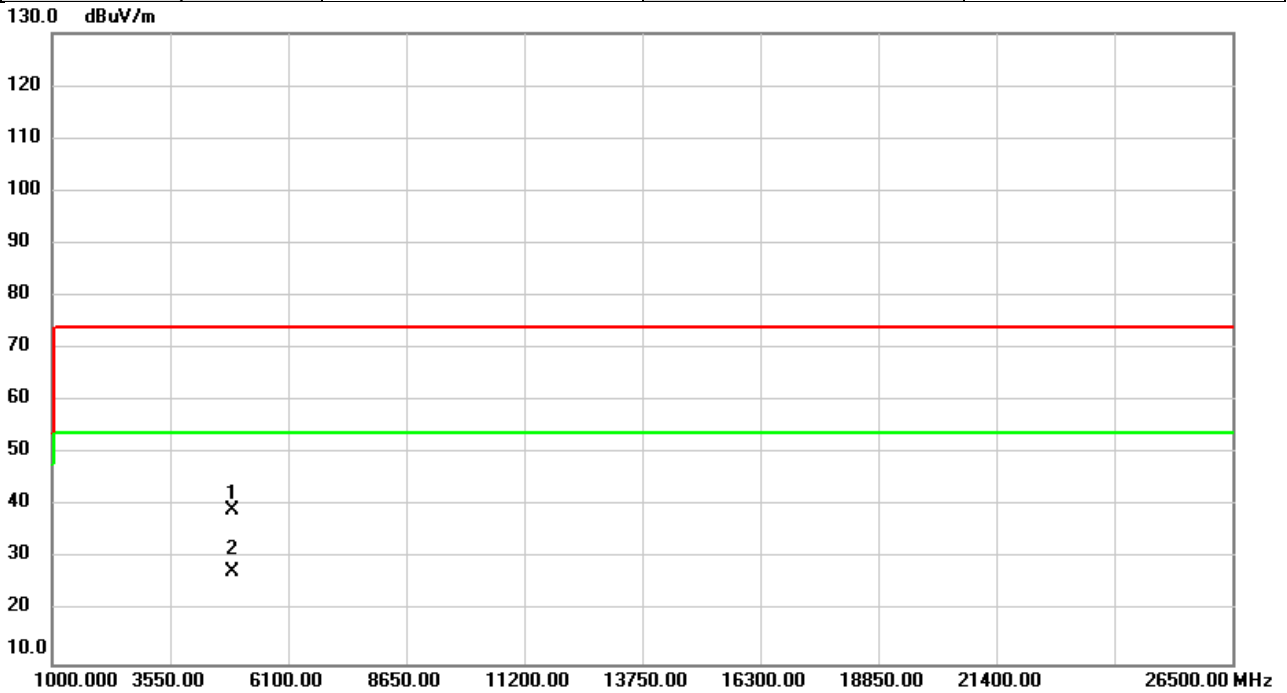


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	38.22	0.93	39.15	74.00	-34.85	peak	
2	*	4884.000	27.24	0.93	28.17	54.00	-25.83	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2442MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

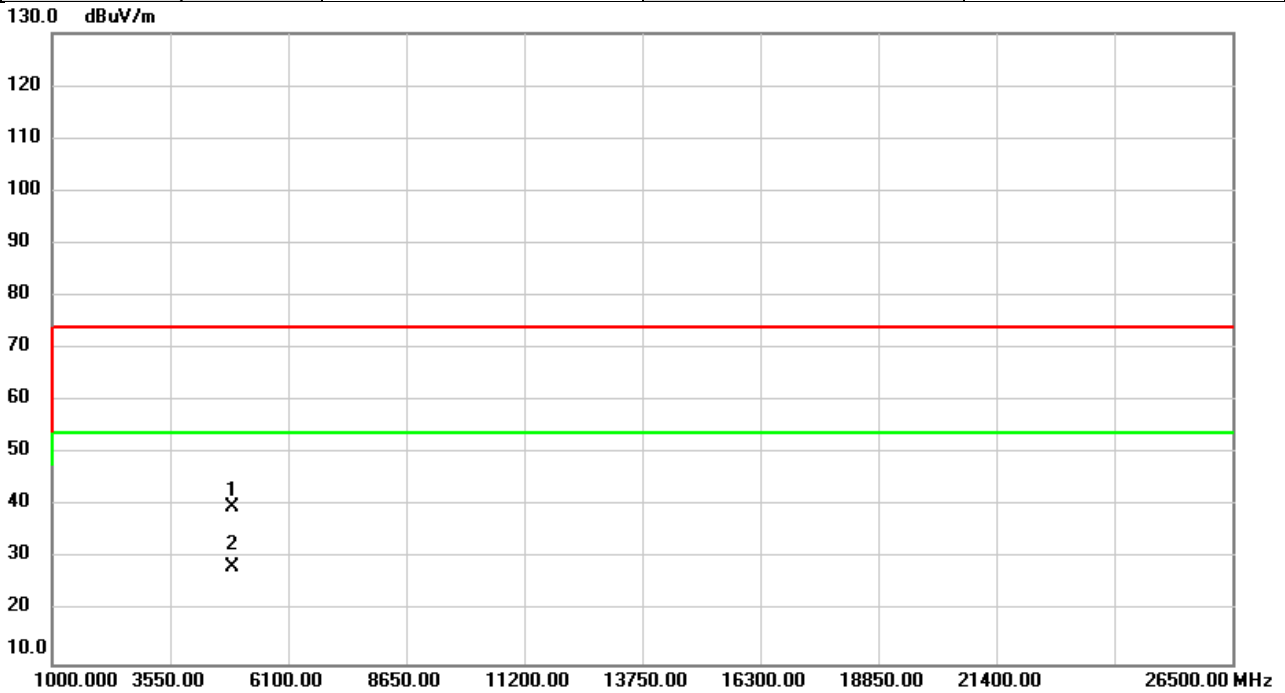


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	38.25	0.93	39.18	74.00	-34.82	peak	
2	*	4884.000	26.59	0.93	27.52	54.00	-26.48	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2452MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

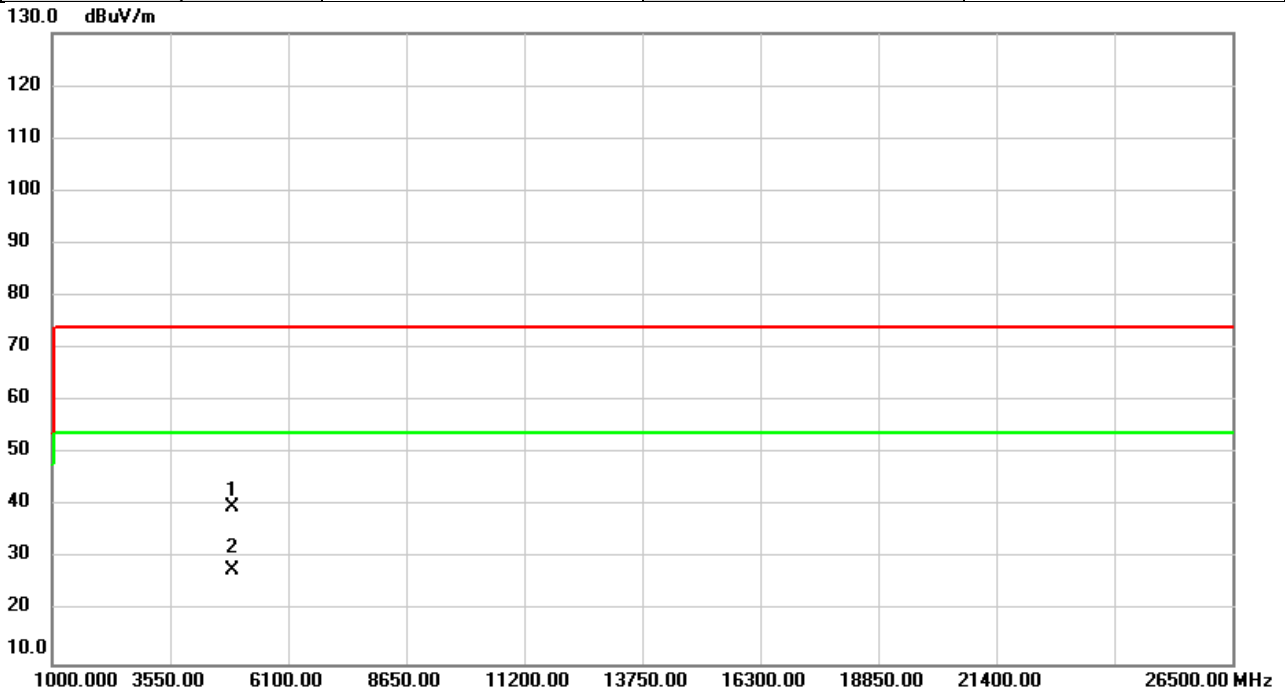


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	38.99	0.99	39.98	74.00	-34.02	peak	
2	*	4904.000	27.48	0.99	28.47	54.00	-25.53	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

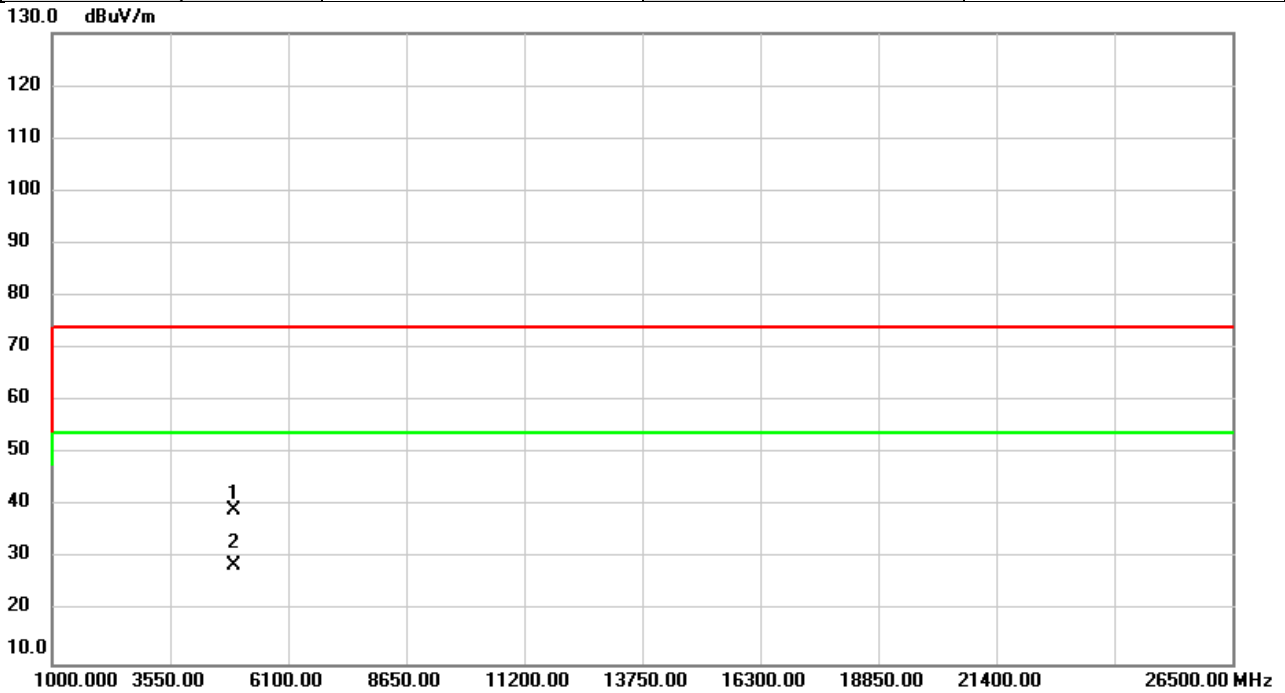


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	38.85	0.99	39.84	74.00	-34.16	peak	
2	*	4904.000	26.91	0.99	27.90	54.00	-26.10	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2457MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

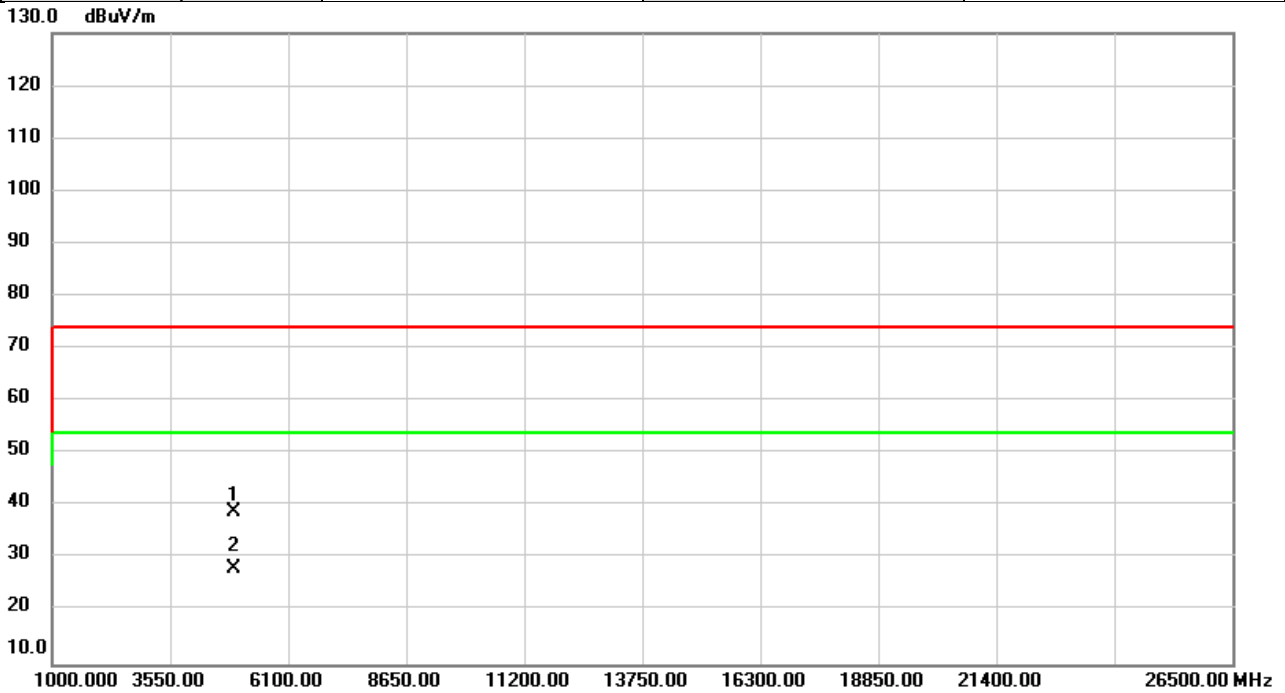


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	38.08	1.02	39.10	74.00	-34.90	peak	
2	*	4914.000	27.70	1.02	28.72	54.00	-25.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

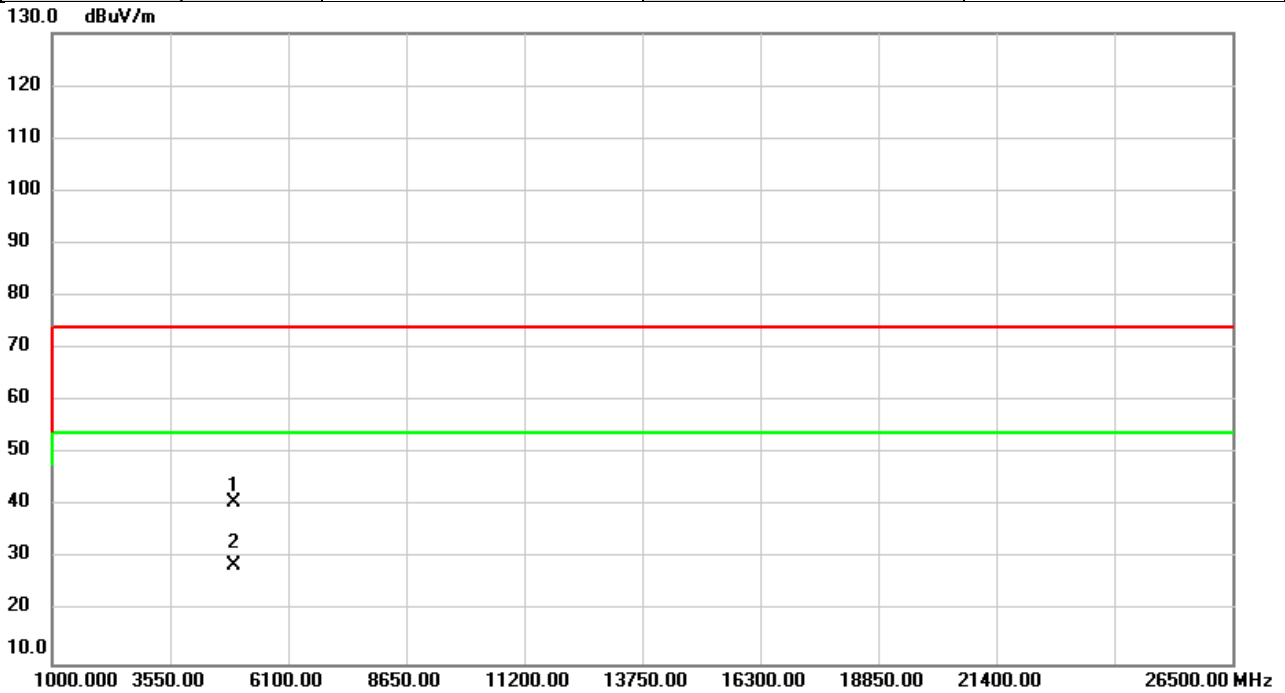


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	37.87	1.02	38.89	74.00	-35.11	peak	
2	*	4914.000	27.04	1.02	28.06	54.00	-25.94	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

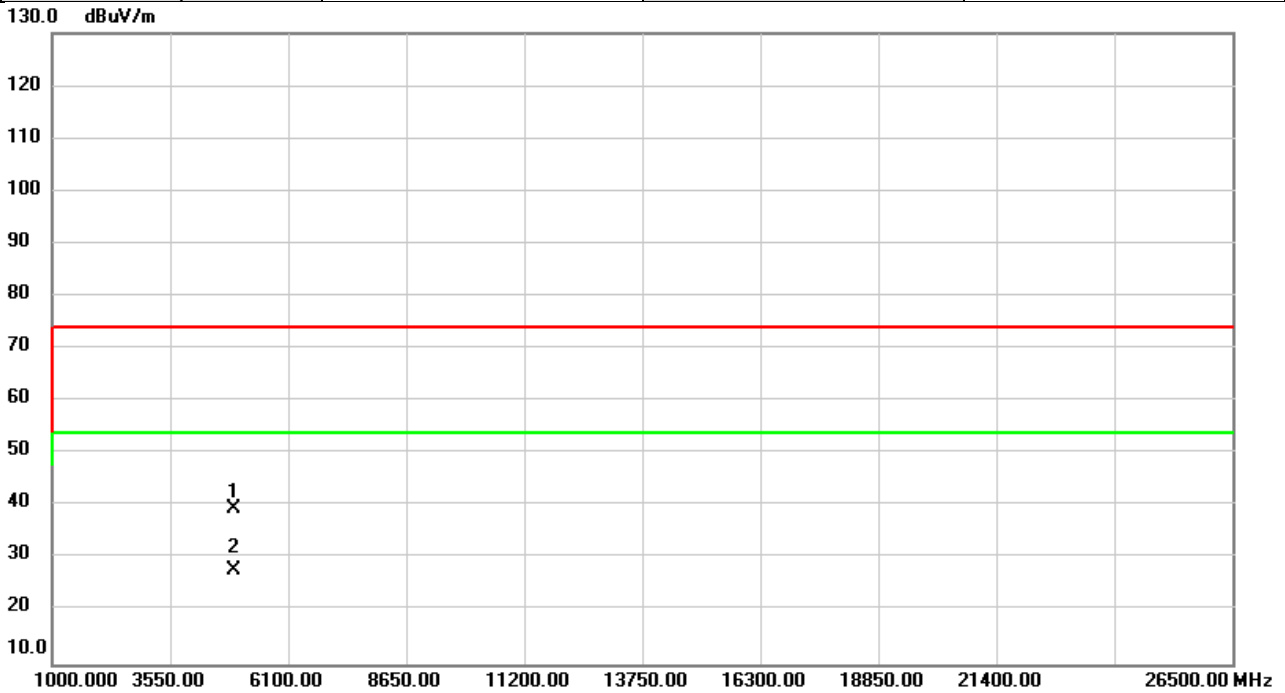


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	39.53	1.07	40.60	74.00	-33.40	peak	
2	*	4924.000	27.59	1.07	28.66	54.00	-25.34	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/2/13
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

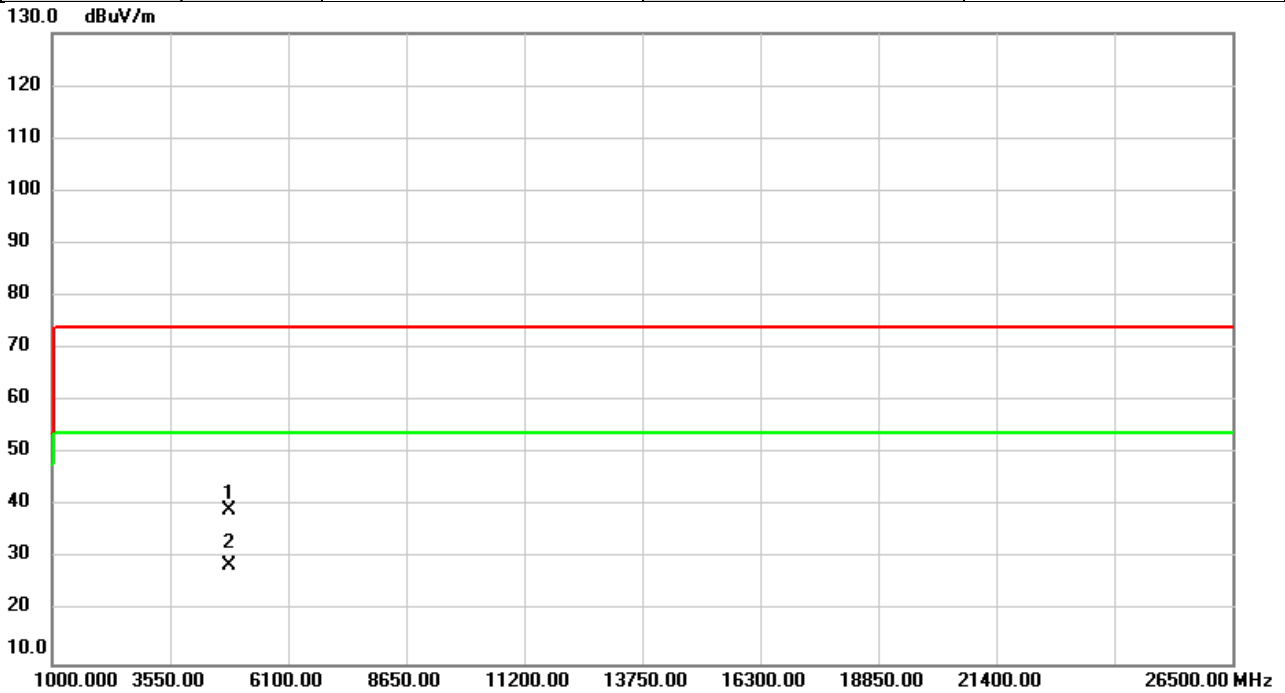


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	38.46	1.07	39.53	74.00	-34.47	peak	
2	*	4924.000	26.90	1.07	27.97	54.00	-26.03	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

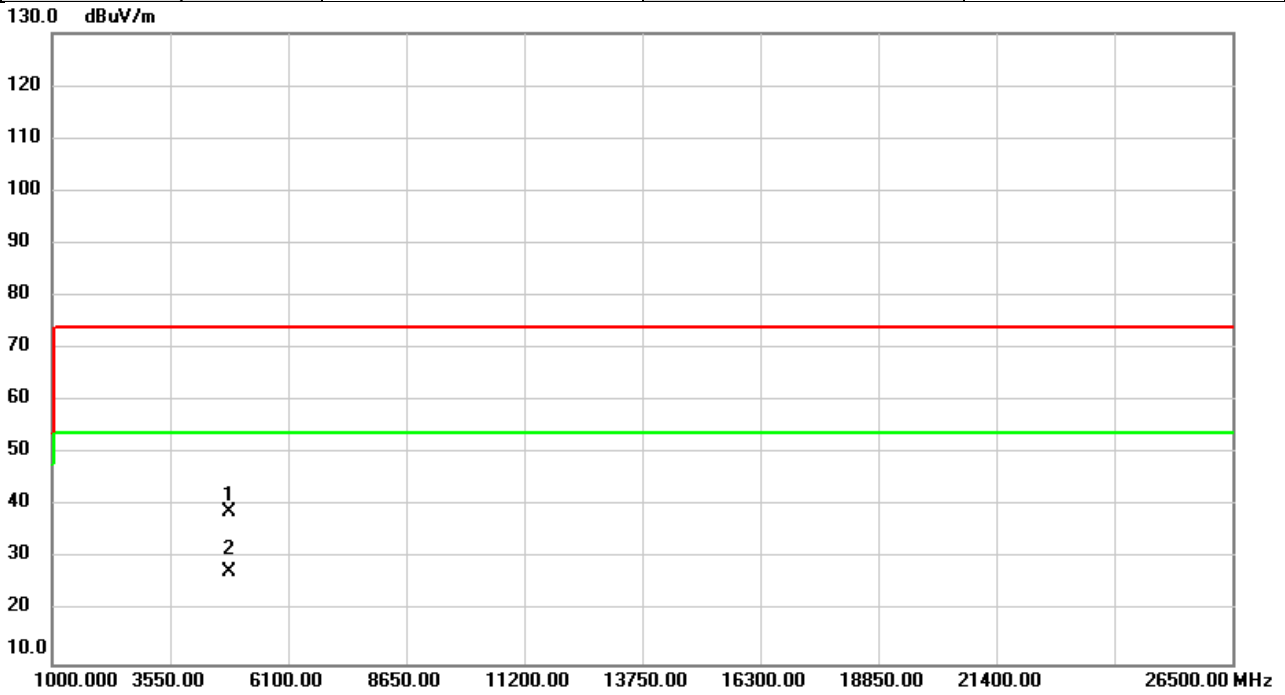


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	38.66	0.72	39.38	74.00	-34.62	peak	
2	*	4824.000	28.05	0.72	28.77	54.00	-25.23	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

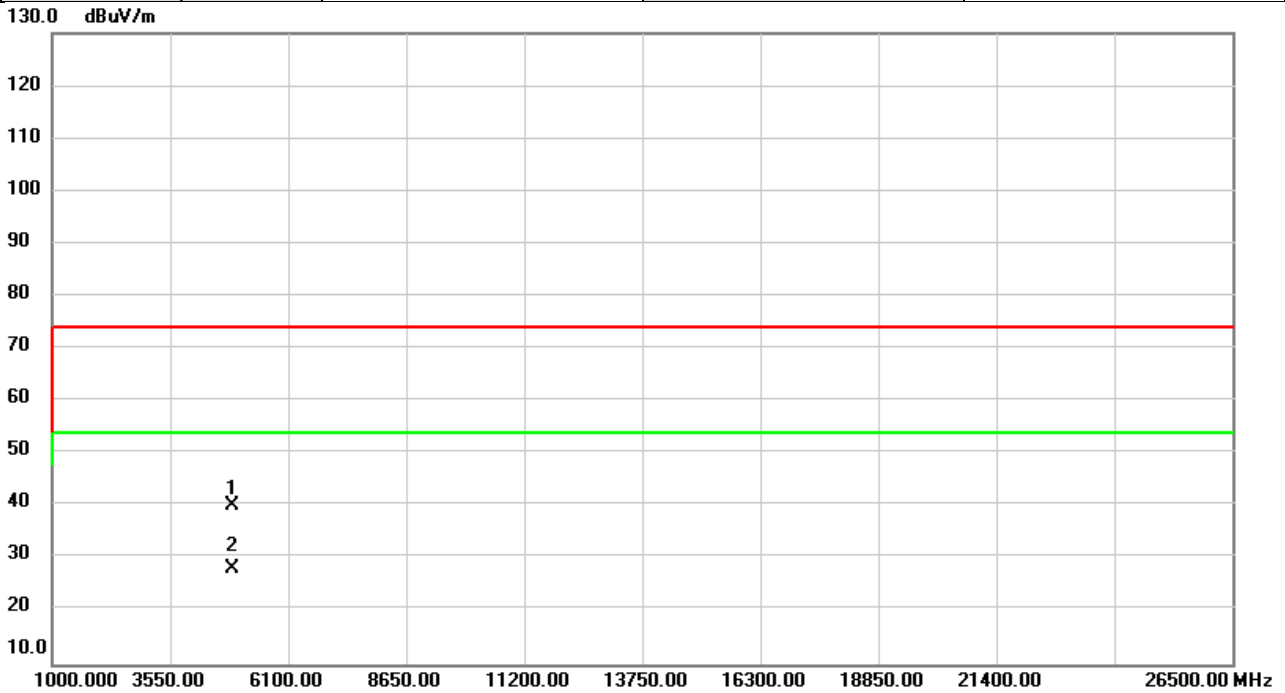


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	38.14	0.72	38.86	74.00	-35.14	peak	
2	*	4824.000	26.86	0.72	27.58	54.00	-26.42	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2442MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

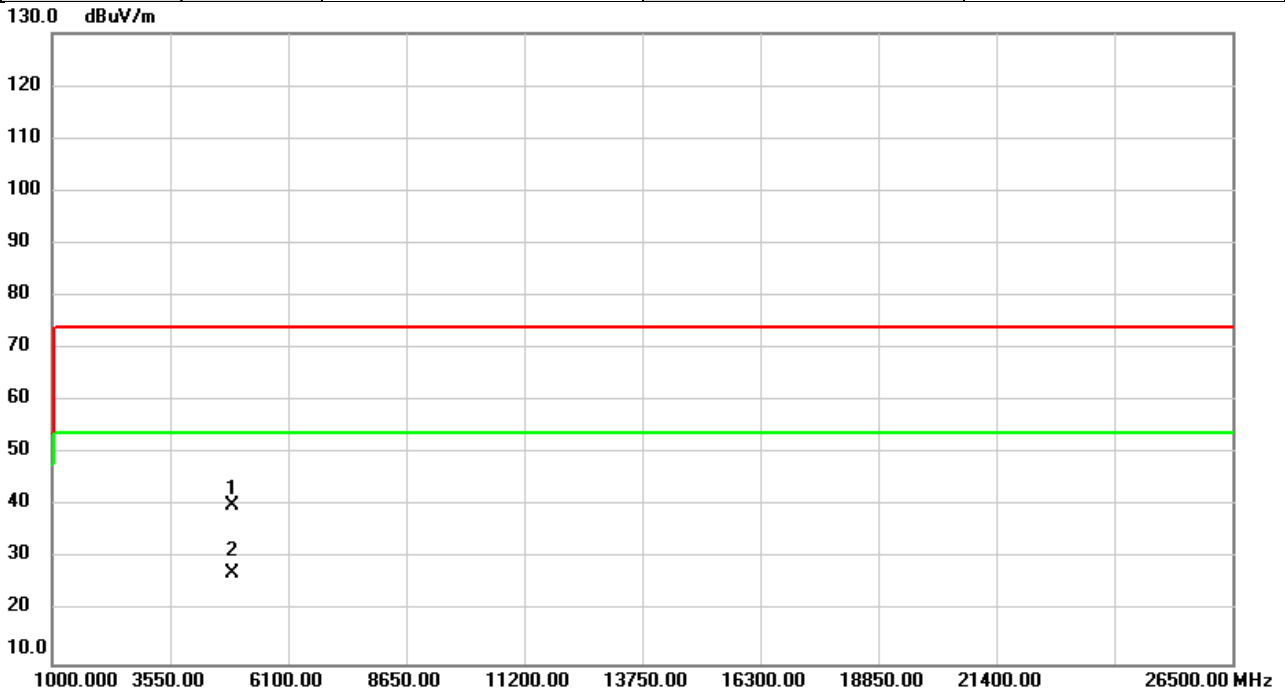


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	39.20	0.93	40.13	74.00	-33.87	peak	
2	*	4884.000	27.08	0.93	28.01	54.00	-25.99	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2442MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

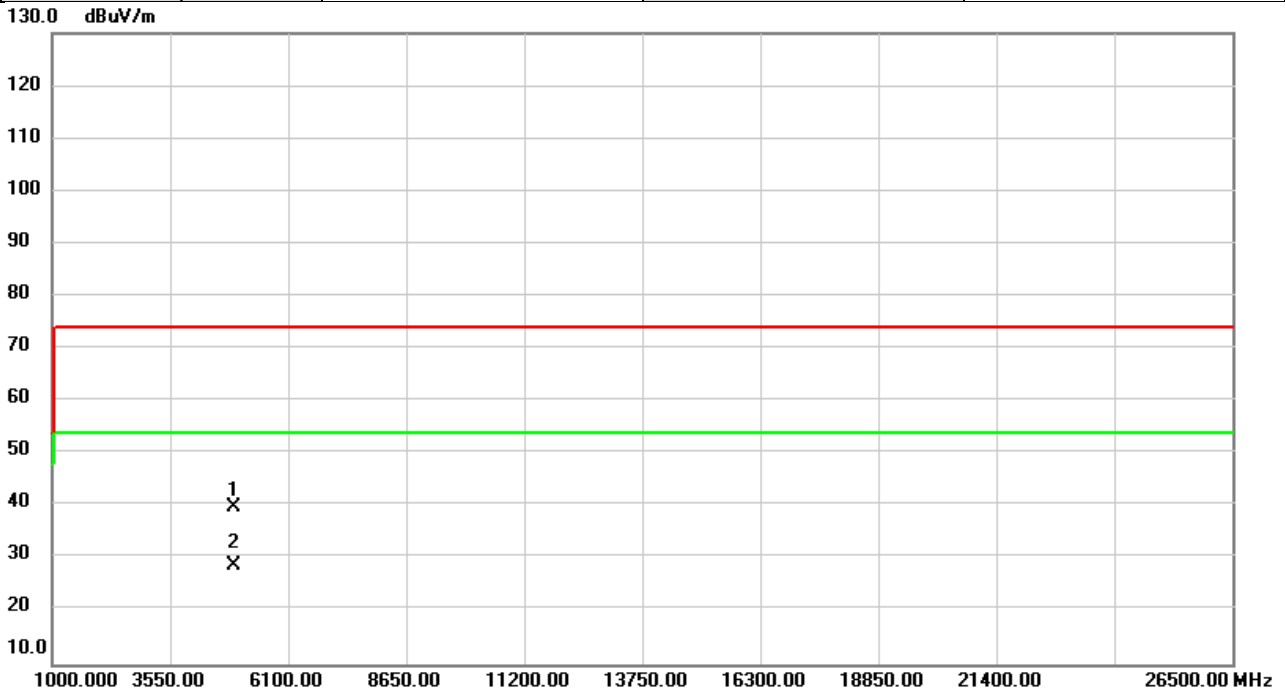


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	39.29	0.93	40.22	74.00	-33.78	peak	
2	*	4884.000	26.42	0.93	27.35	54.00	-26.65	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

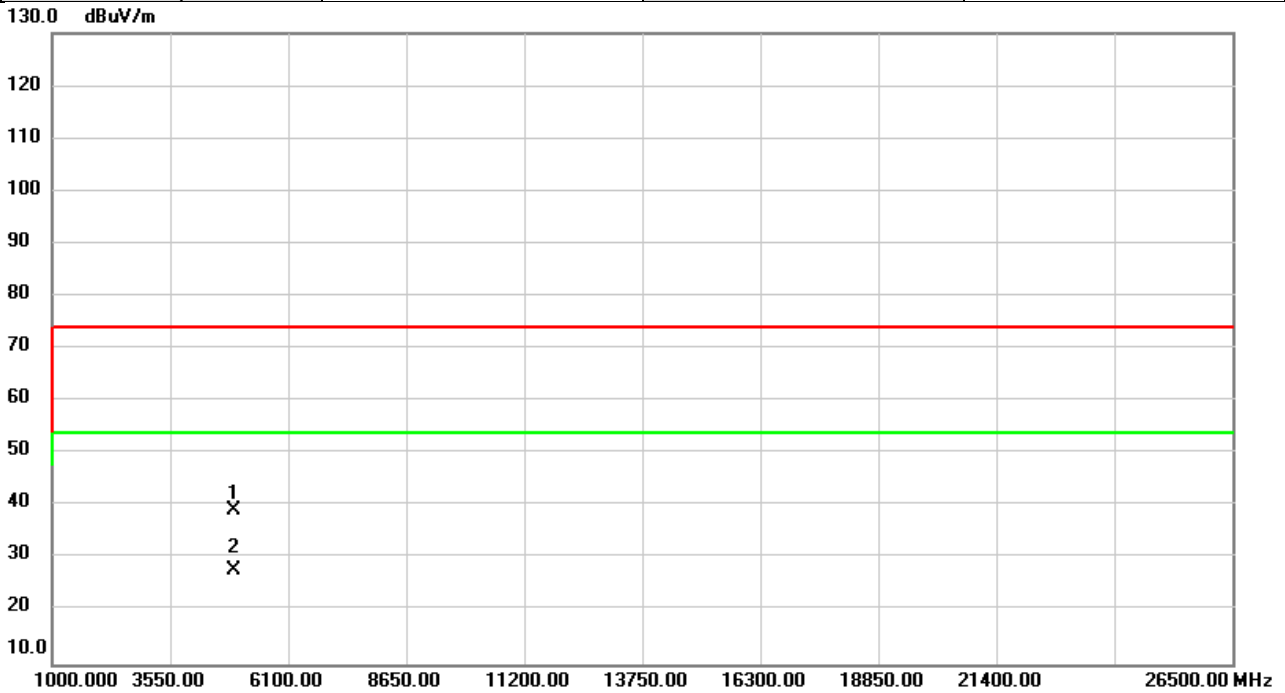


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	38.69	1.07	39.76	74.00	-34.24	peak	
2	*	4924.000	27.57	1.07	28.64	54.00	-25.36	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

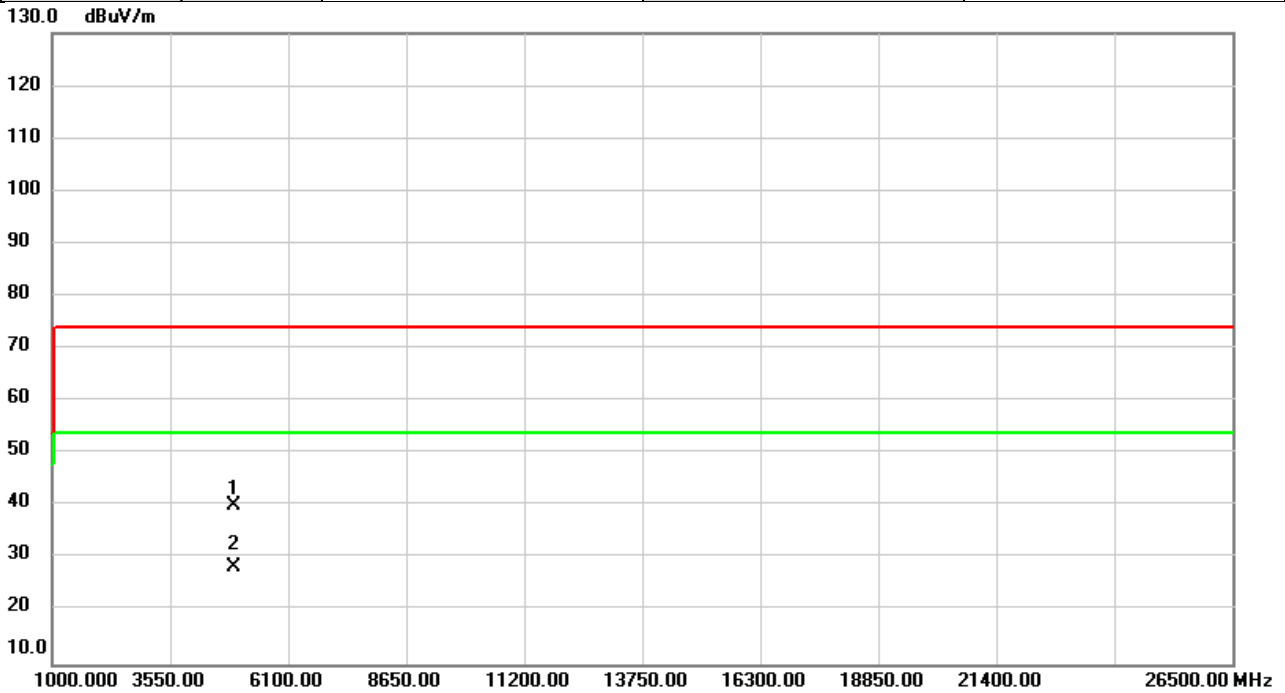


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	38.08	1.07	39.15	74.00	-34.85	peak	
2	*	4924.000	26.91	1.07	27.98	54.00	-26.02	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

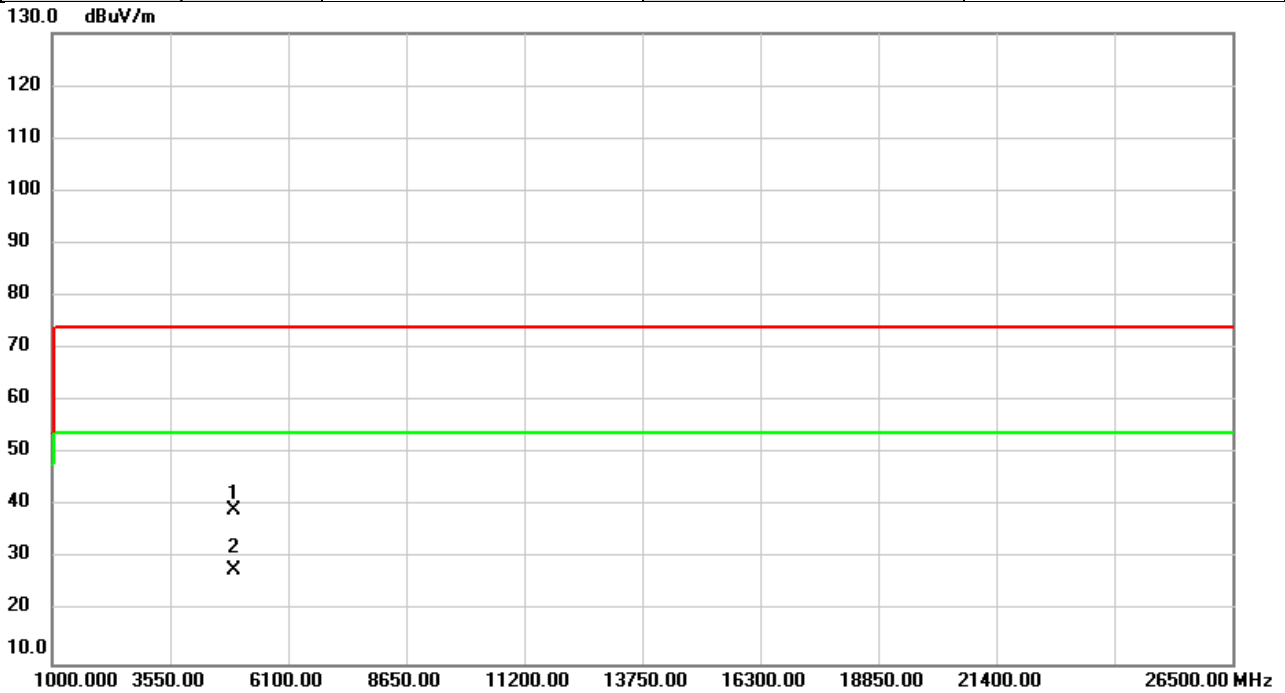


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	39.03	1.10	40.13	74.00	-33.87	peak	
2	*	4934.000	27.21	1.10	28.31	54.00	-25.69	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

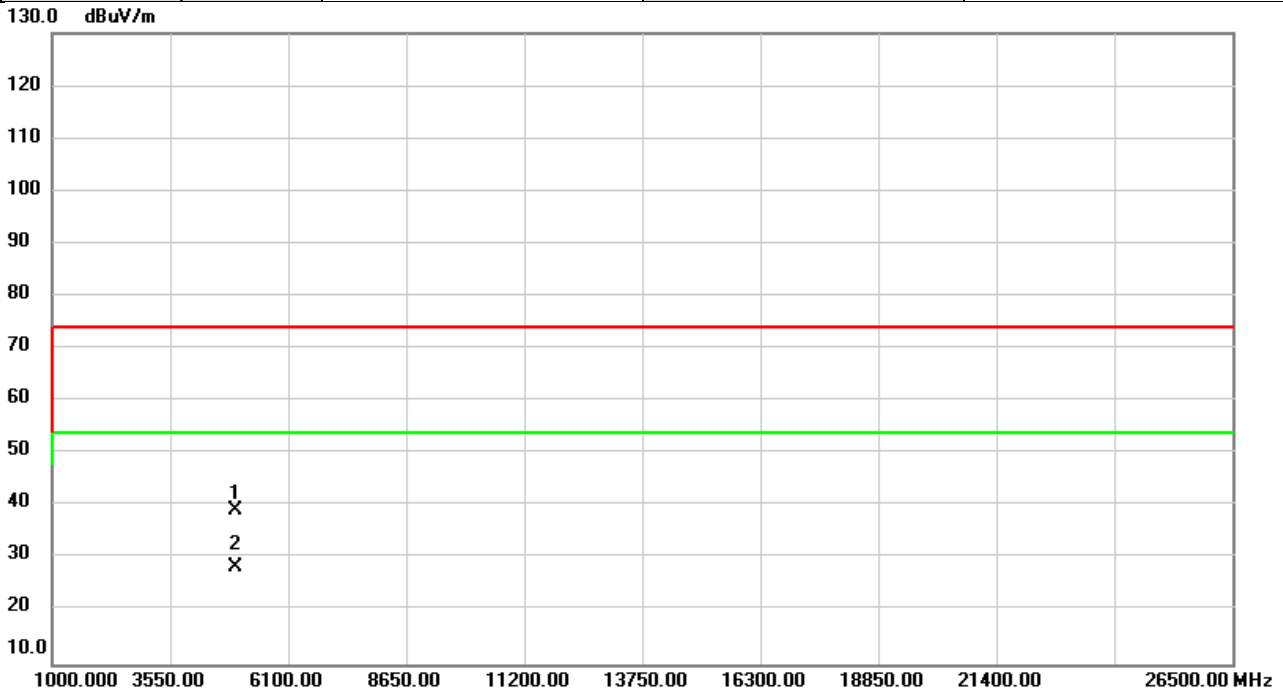


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	38.02	1.10	39.12	74.00	-34.88	peak	
2	*	4934.000	26.85	1.10	27.95	54.00	-26.05	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

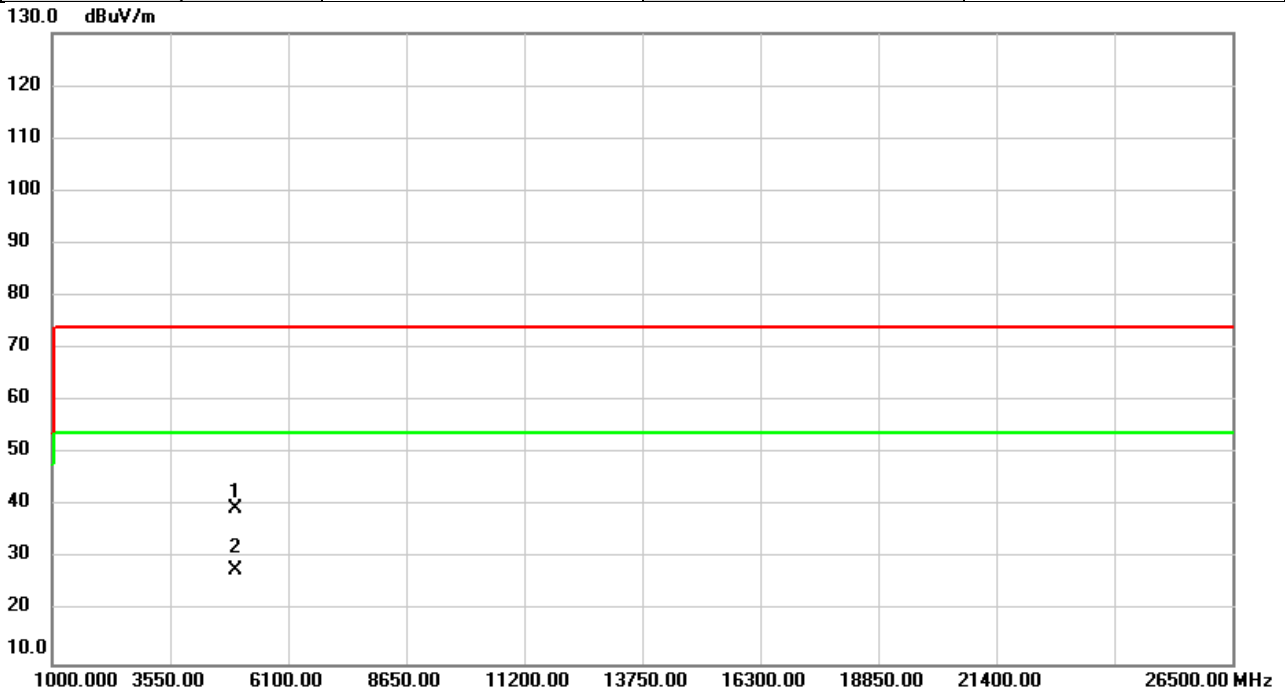


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	38.02	1.13	39.15	74.00	-34.85	peak	
2	*	4944.000	27.22	1.13	28.35	54.00	-25.65	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2023/2/14
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

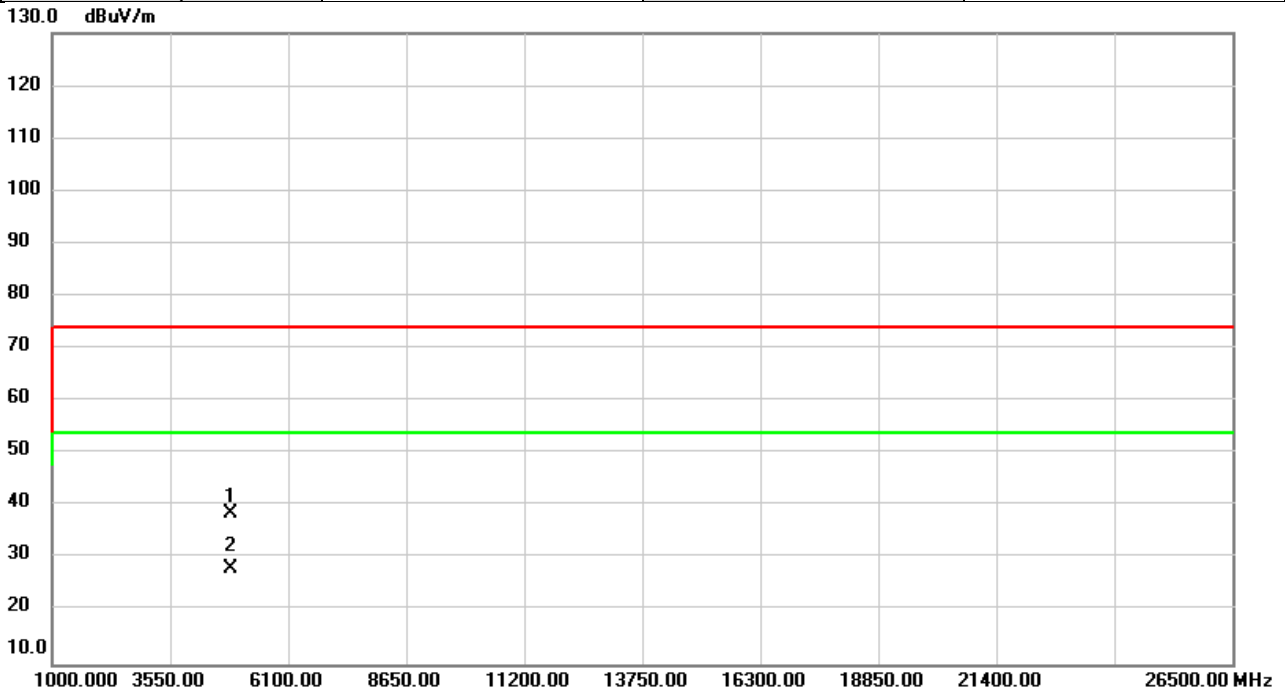


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	38.50	1.13	39.63	74.00	-34.37	peak	
2	*	4944.000	26.81	1.13	27.94	54.00	-26.06	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2422MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

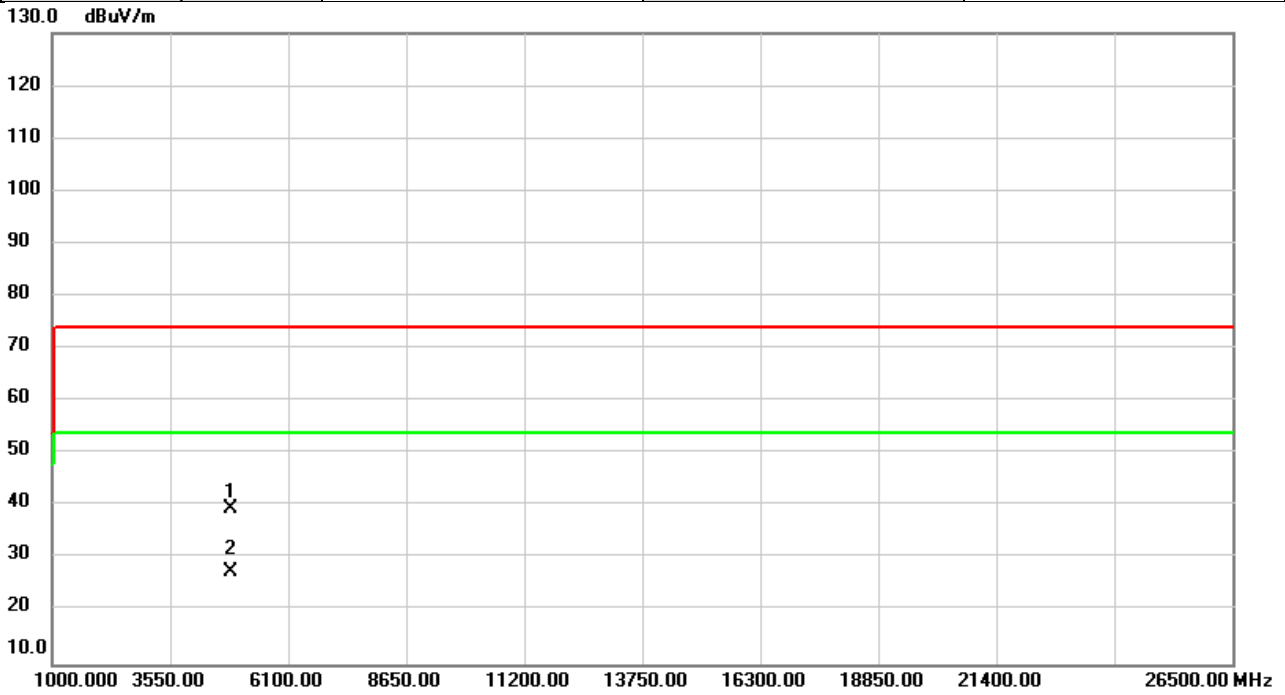


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	37.97	0.78	38.75	74.00	-35.25	peak	
2	*	4844.000	27.37	0.78	28.15	54.00	-25.85	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

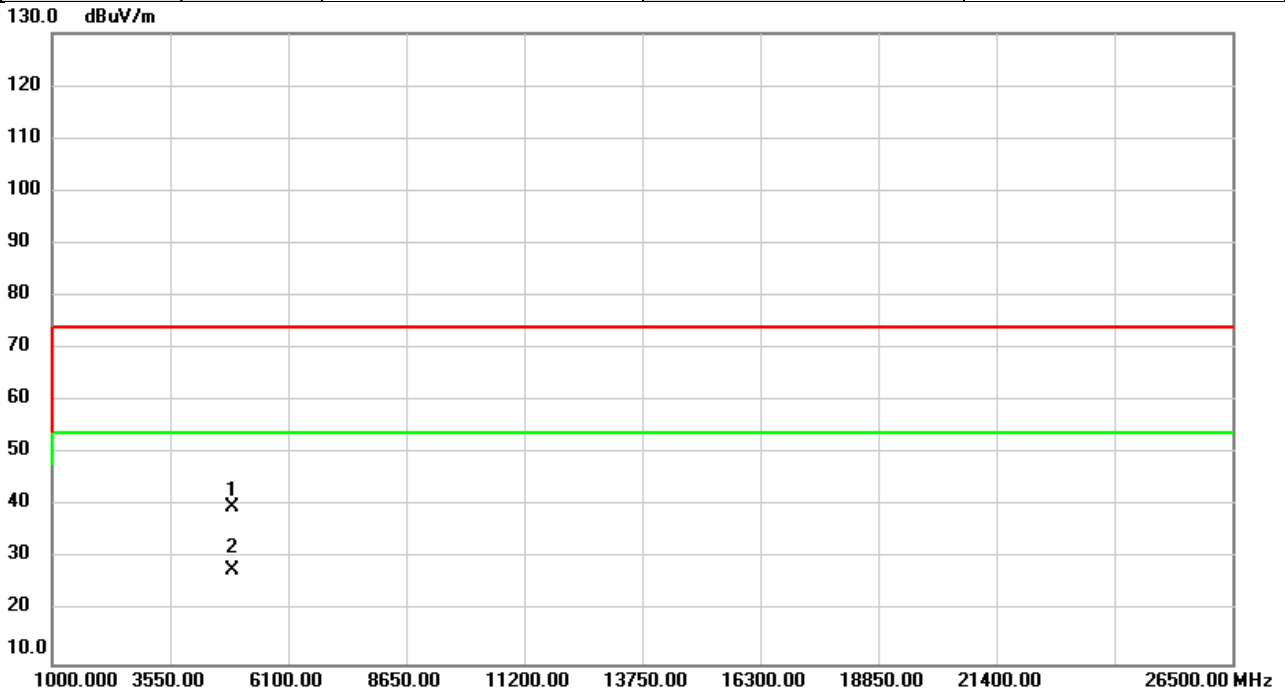


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	38.83	0.78	39.61	74.00	-34.39	peak	
2	*	4844.000	26.90	0.78	27.68	54.00	-26.32	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2442MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

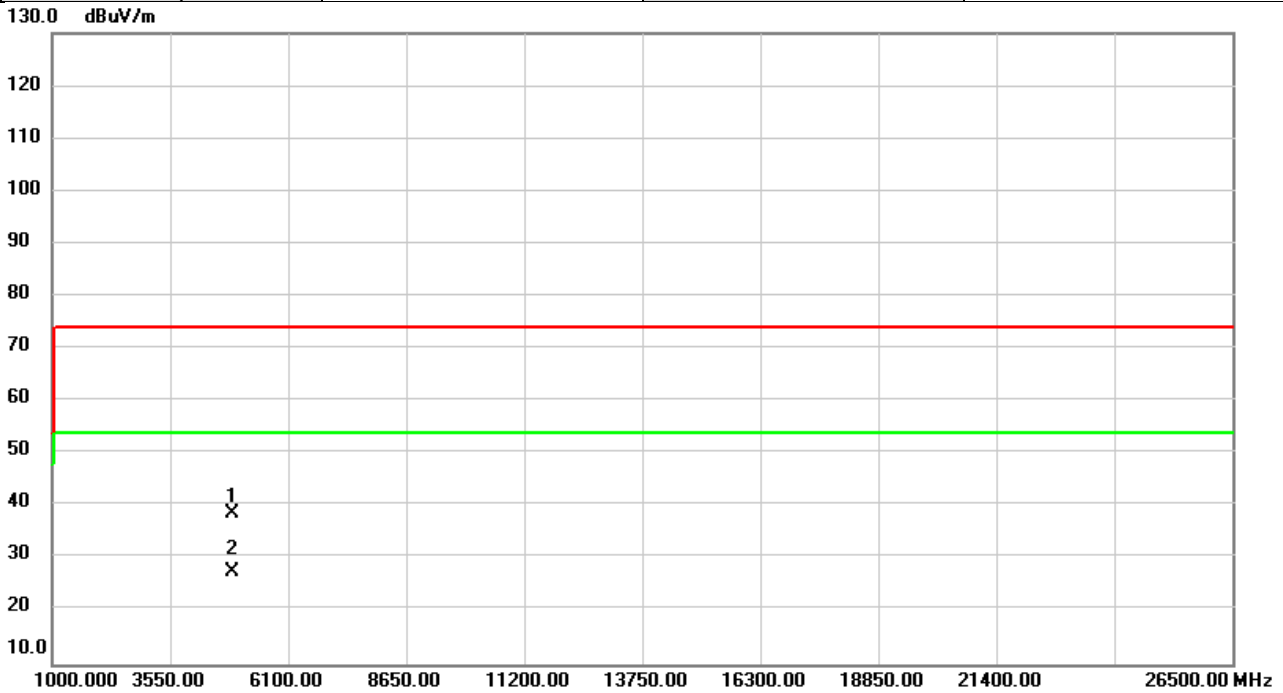


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	38.87	0.93	39.80	74.00	-34.20	peak	
2	*	4884.000	26.99	0.93	27.92	54.00	-26.08	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2442MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

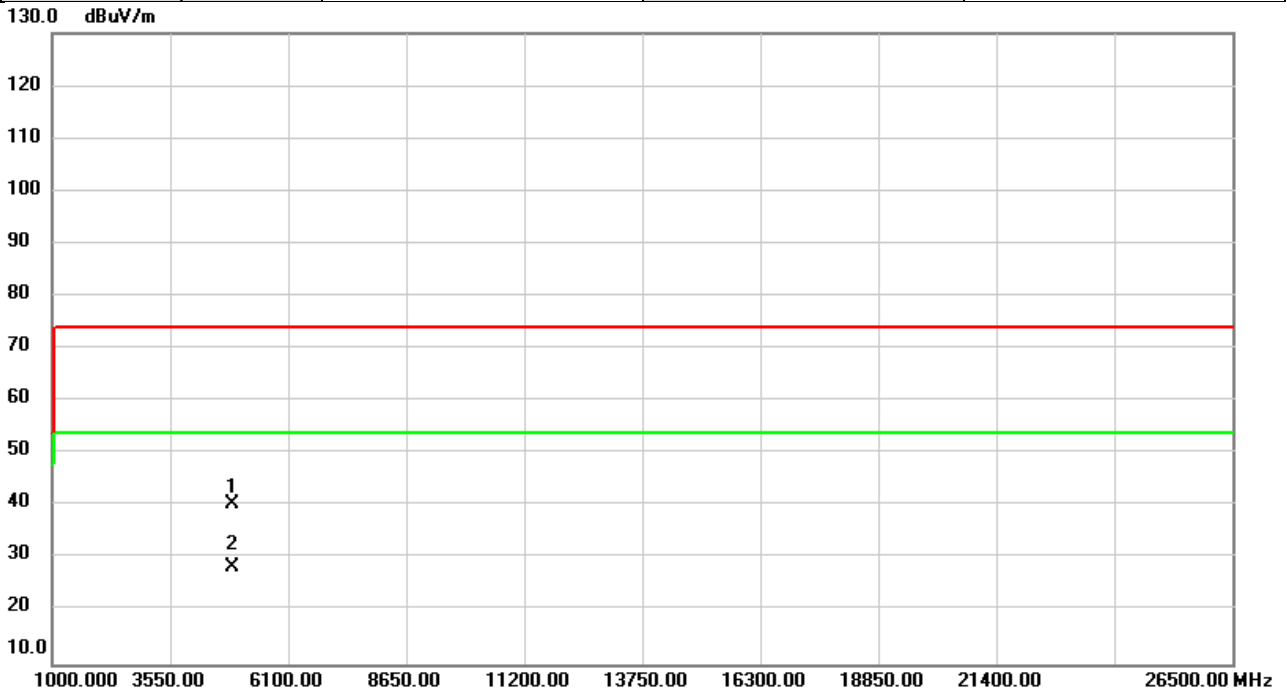


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	37.84	0.93	38.77	74.00	-35.23	peak	
2	*	4884.000	26.53	0.93	27.46	54.00	-26.54	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2452MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

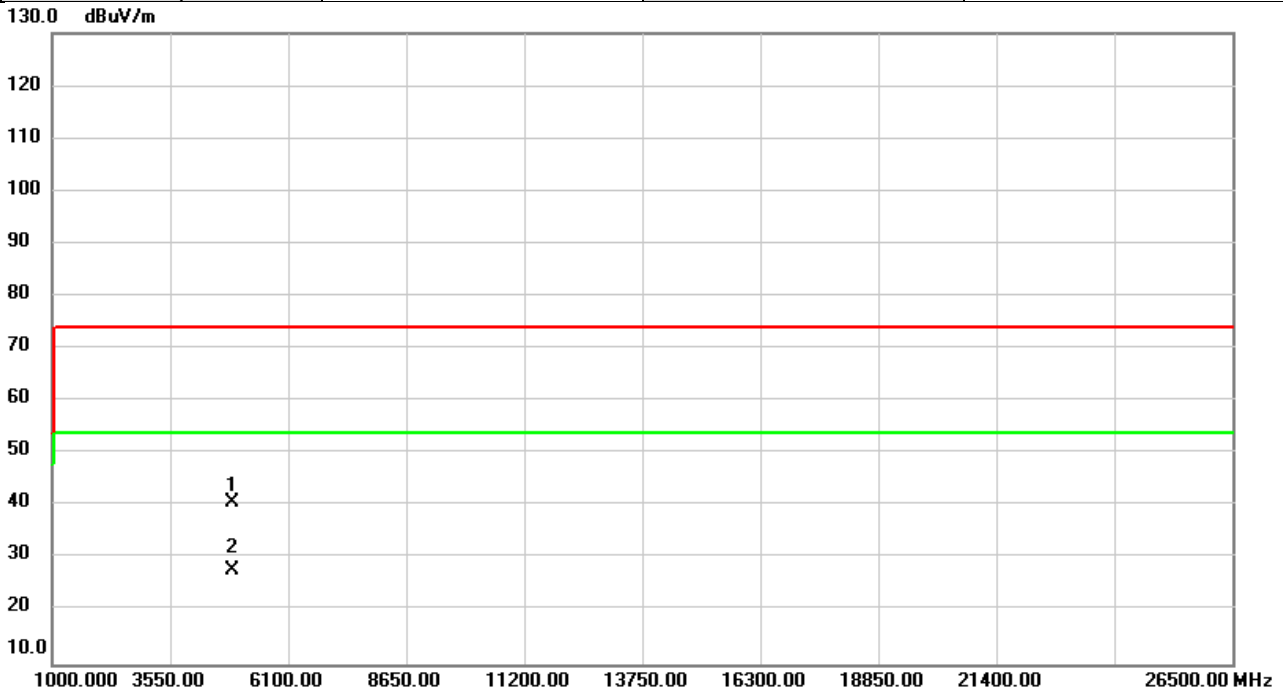


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	39.34	0.99	40.33	74.00	-33.67	peak	
2	*	4904.000	27.44	0.99	28.43	54.00	-25.57	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

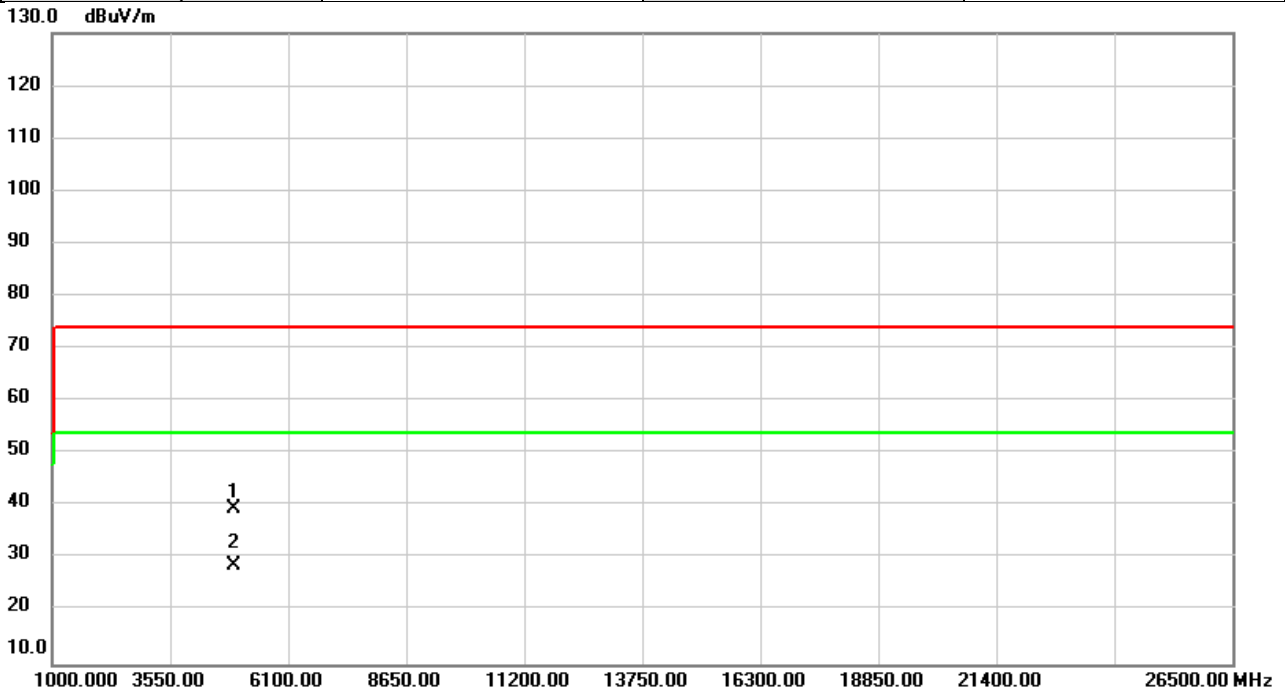


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	39.90	0.99	40.89	74.00	-33.11	peak	
2	*	4904.000	26.90	0.99	27.89	54.00	-26.11	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2457MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

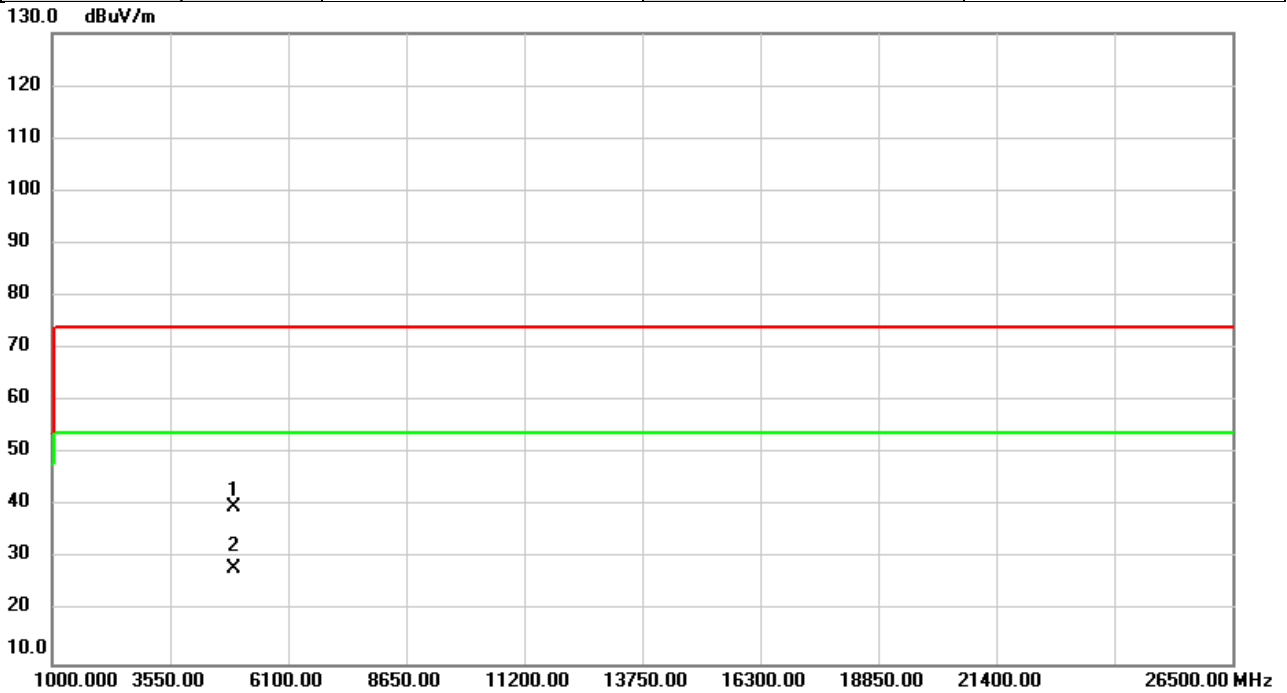


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	38.50	1.02	39.52	74.00	-34.48	peak	
2	*	4914.000	27.79	1.02	28.81	54.00	-25.19	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

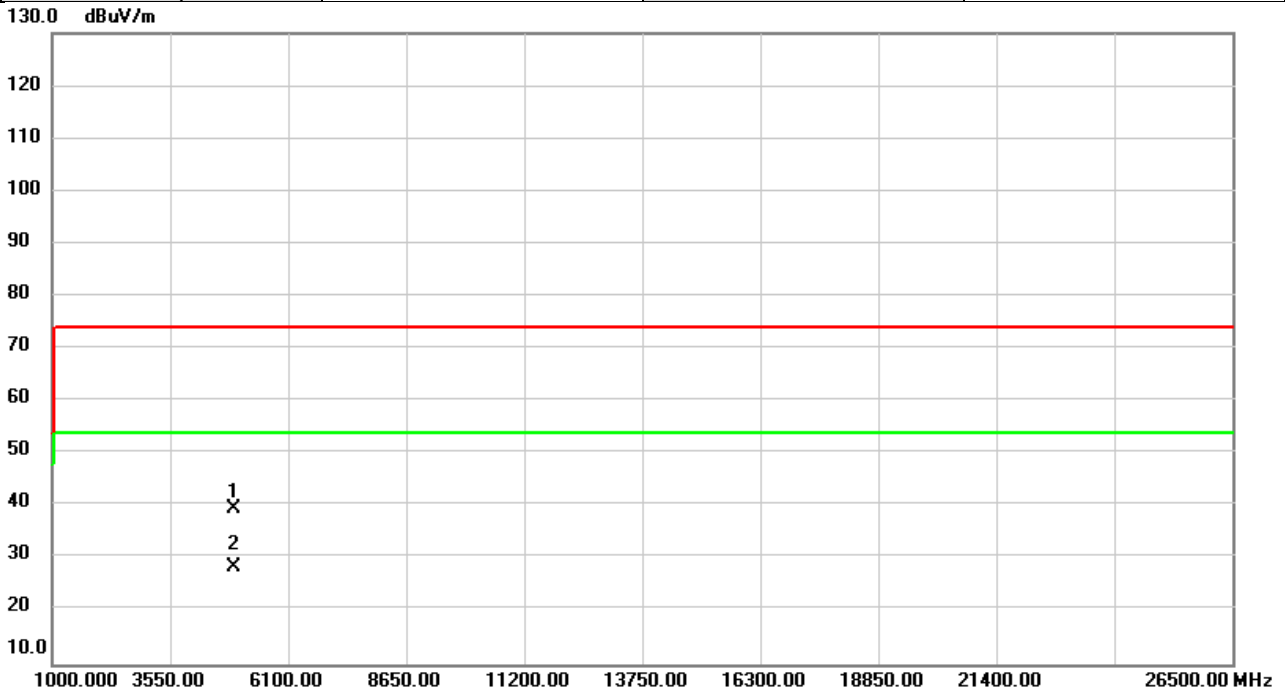


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	38.83	1.02	39.85	74.00	-34.15	peak	
2	*	4914.000	27.02	1.02	28.04	54.00	-25.96	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	59%

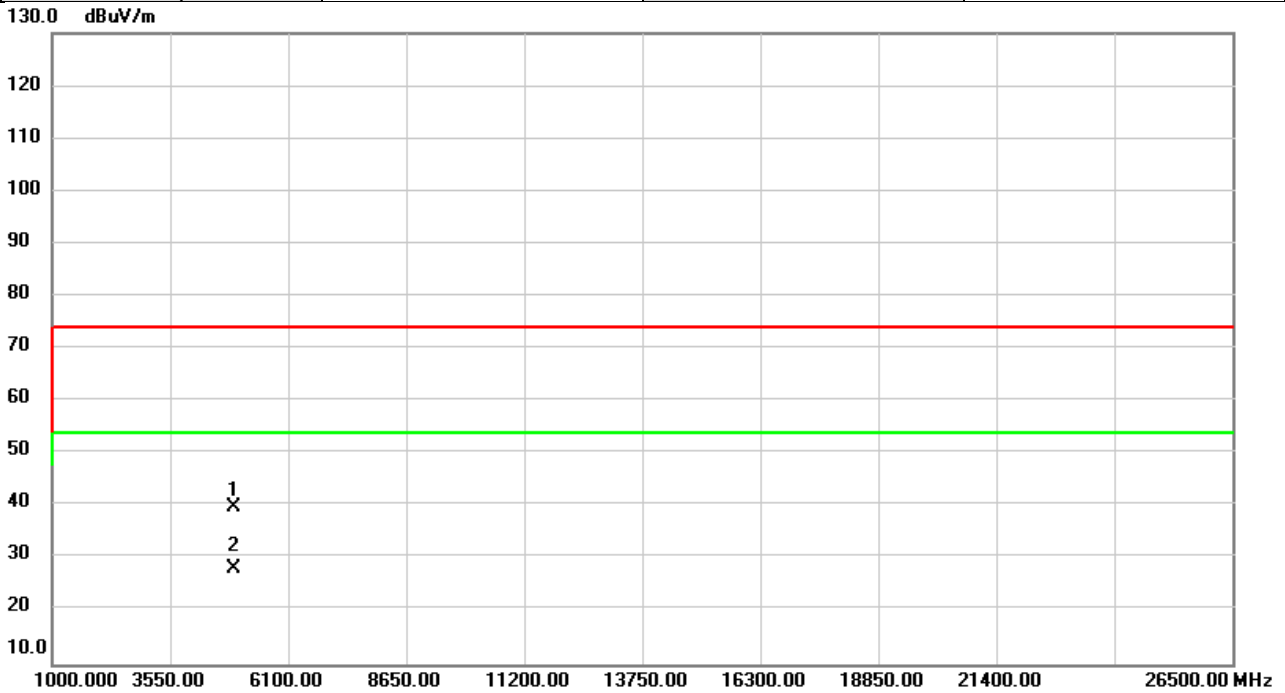


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	38.40	1.07	39.47	74.00	-34.53	peak	
2	*	4924.000	27.47	1.07	28.54	54.00	-25.46	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2023/2/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	38.65	1.07	39.72	74.00	-34.28	peak	
2	*	4924.000	26.95	1.07	28.02	54.00	-25.98	AVG	

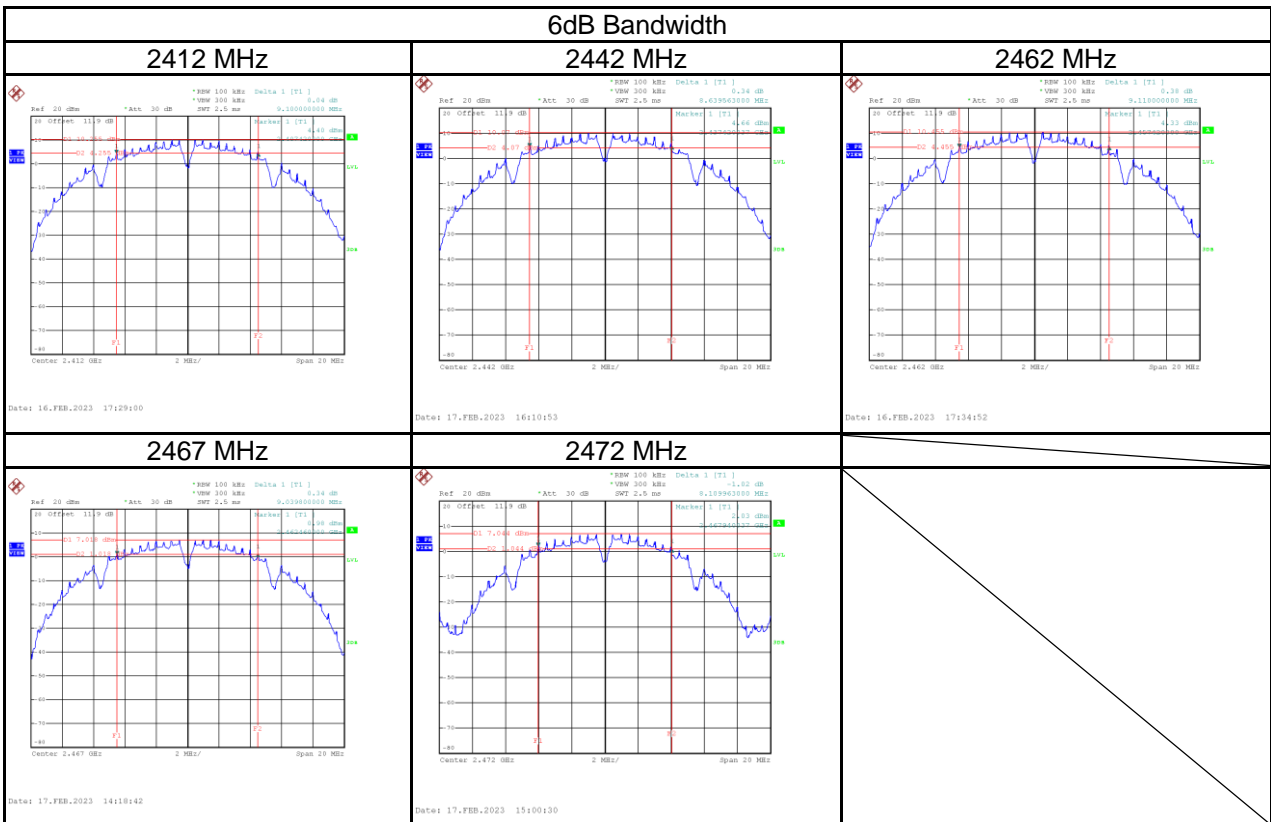
REMARKS:

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

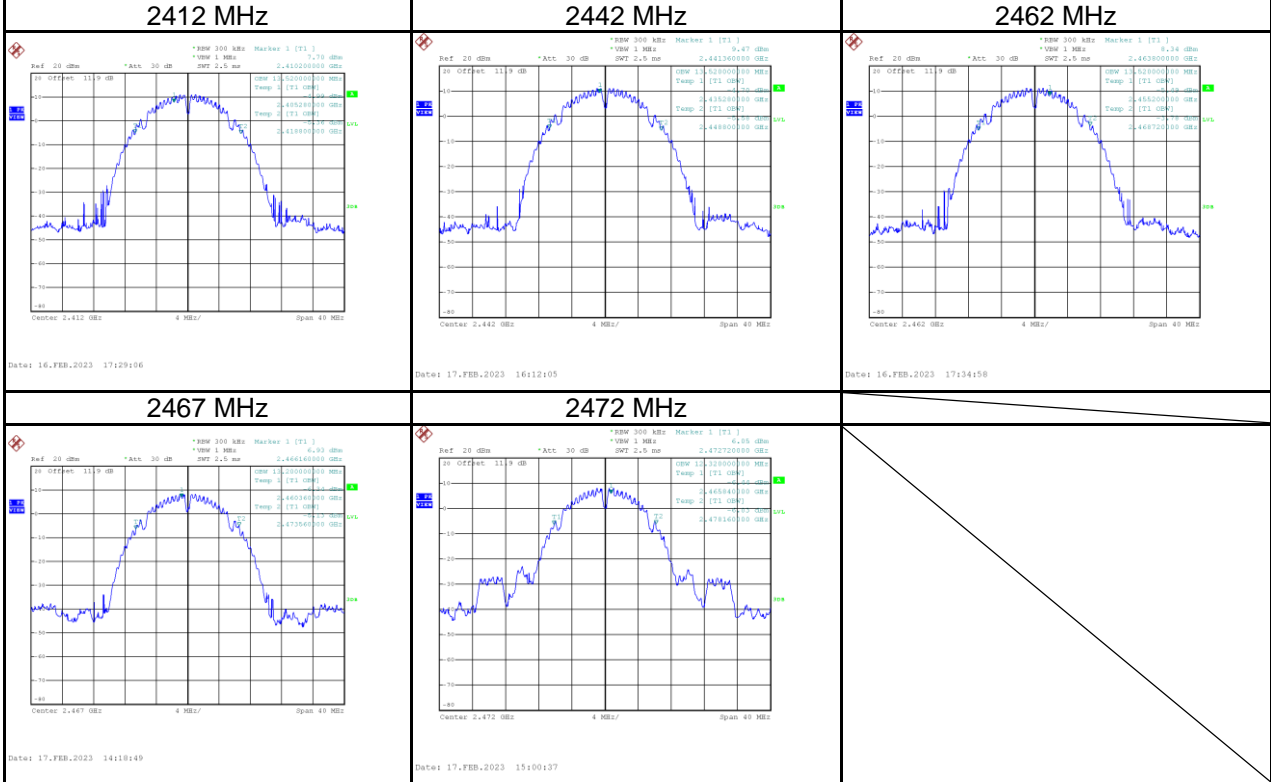
APPENDIX D BANDWIDTH

Test Mode	IEEE 802.11b_Main Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	9.10	13.52	≥ 500	Pass
2442	8.64	13.52	≥ 500	Pass
2462	9.11	13.52	≥ 500	Pass
2467	9.04	13.20	≥ 500	Pass
2472	8.11	12.32	≥ 500	Pass

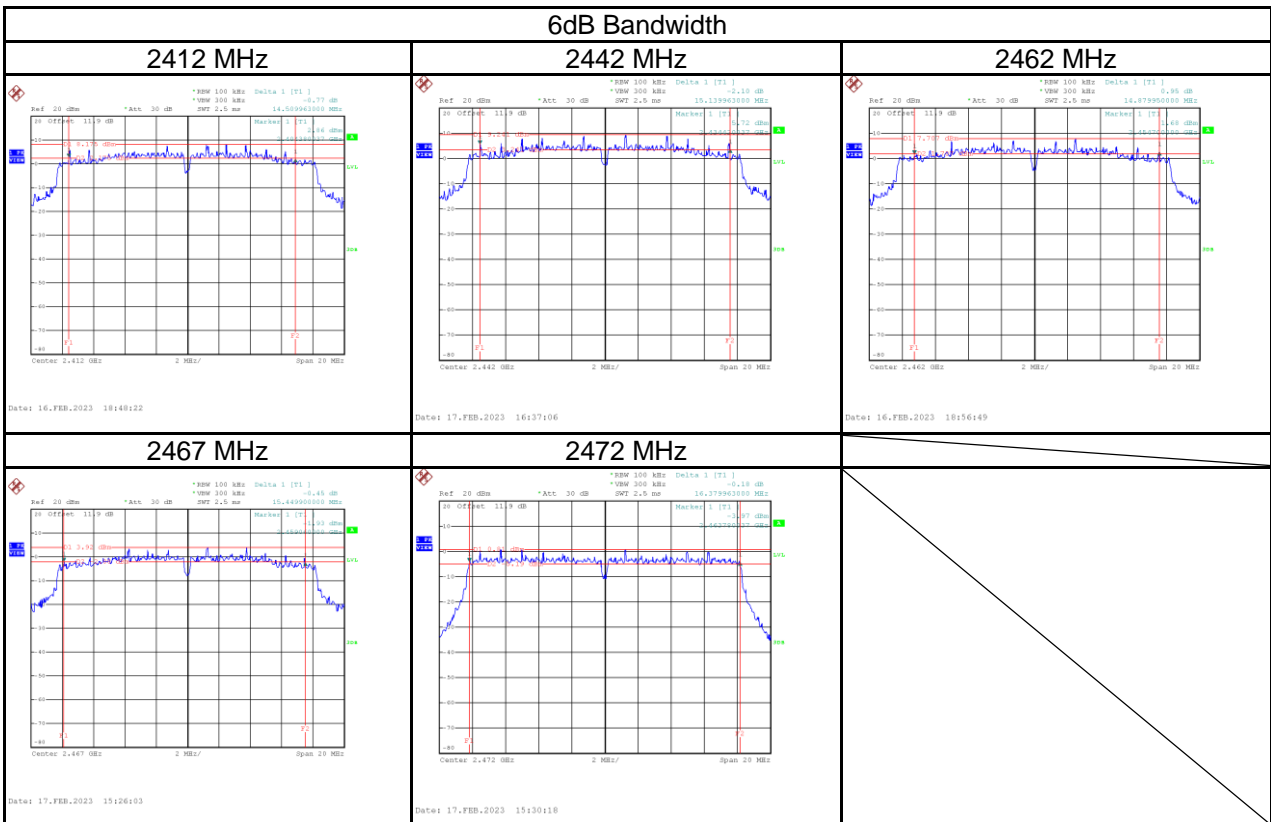


99% Occupied BW

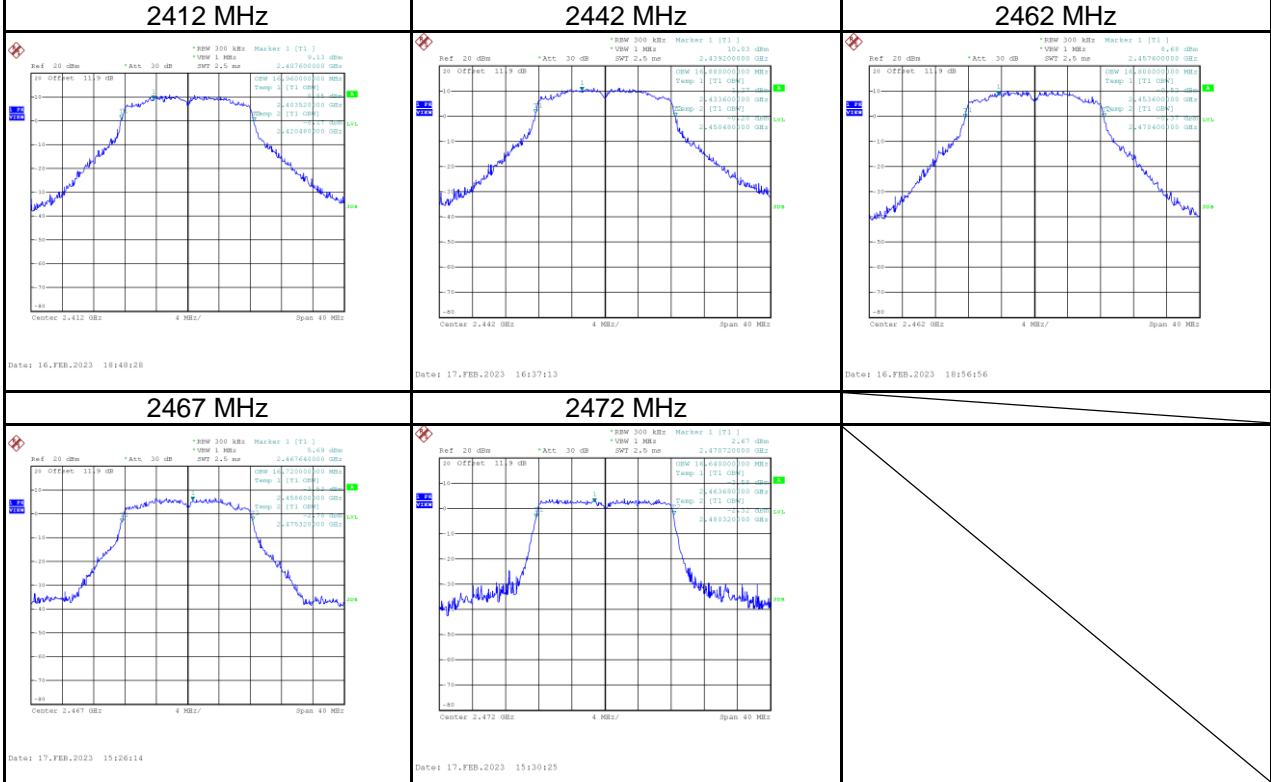


Test Mode	IEEE 802.11g_Main Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	14.51	16.96	≥ 500	Pass
2442	15.14	16.88	≥ 500	Pass
2462	14.88	16.80	≥ 500	Pass
2467	15.45	16.72	≥ 500	Pass
2472	16.38	16.64	≥ 500	Pass

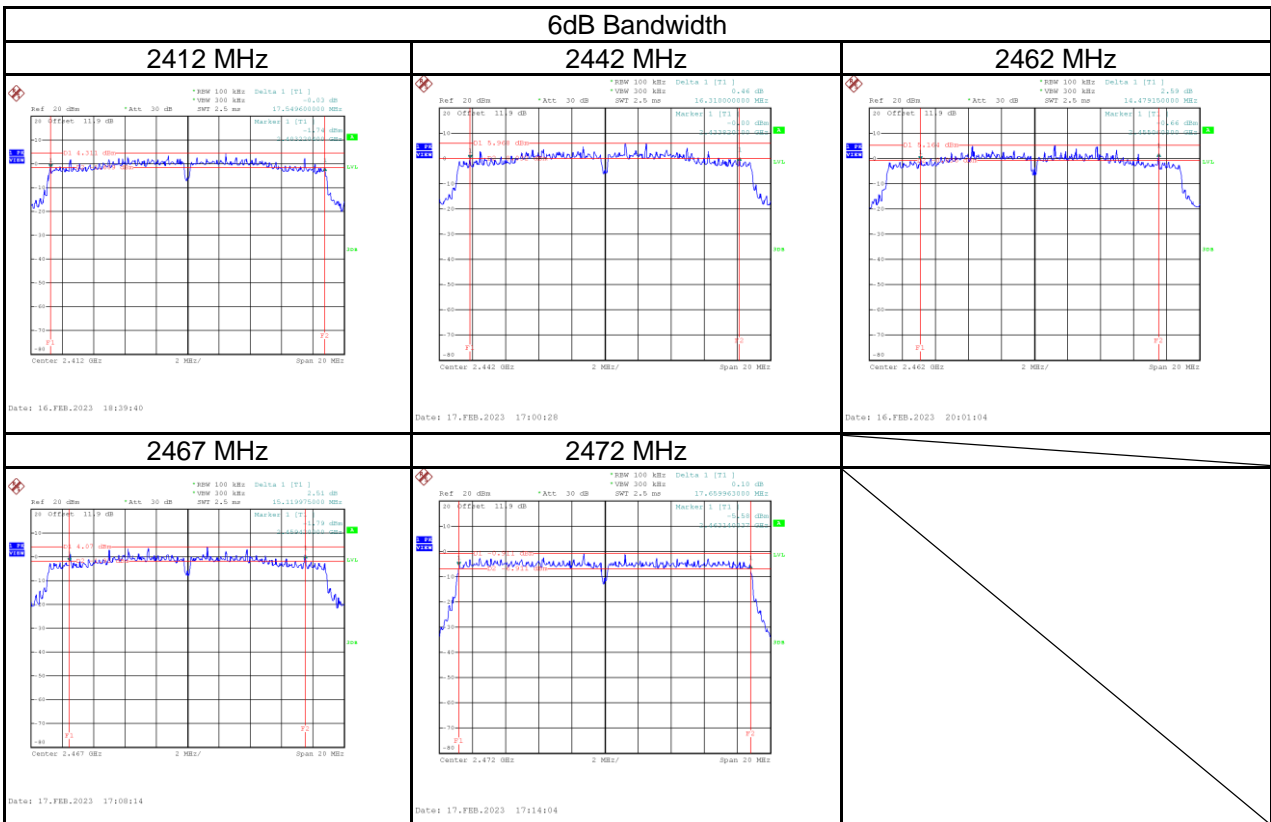


99% Occupied BW

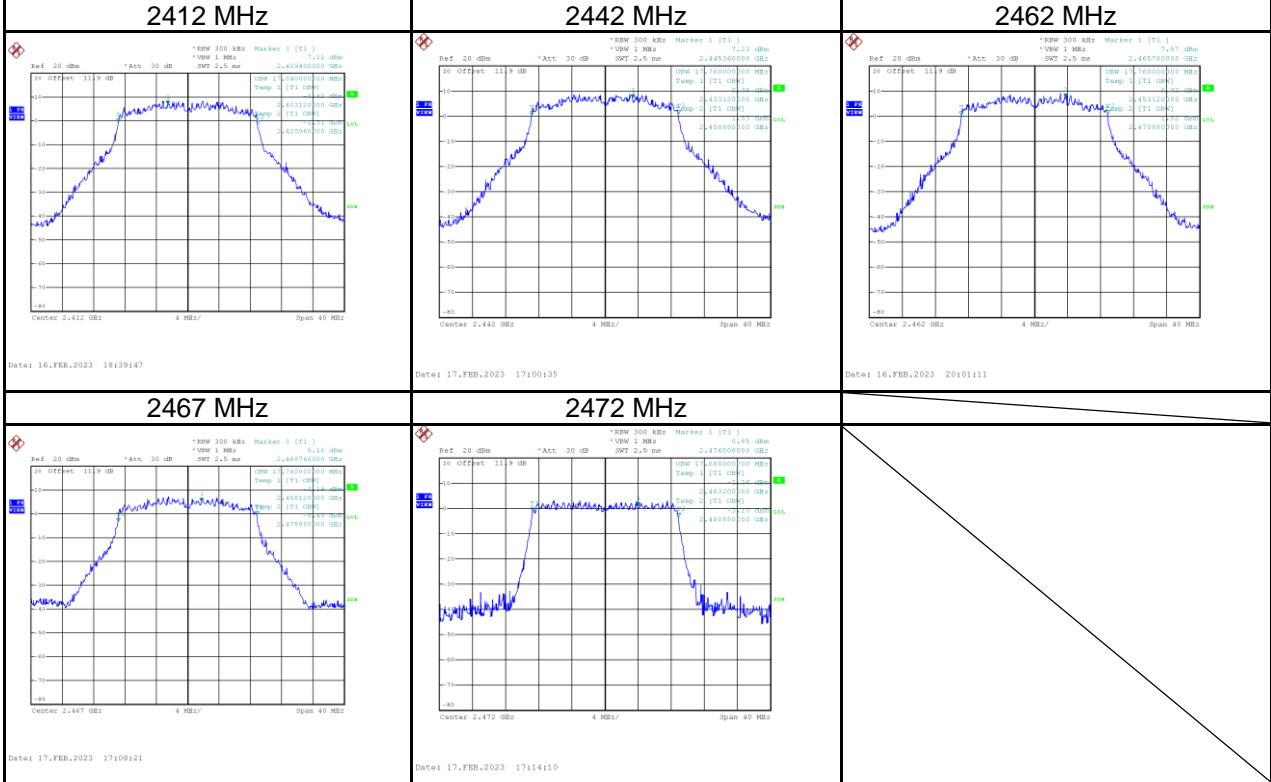


Test Mode	IEEE 802.11n (HT20)_Main Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.55	17.84	≥ 500	Pass
2442	16.31	17.76	≥ 500	Pass
2462	14.48	17.76	≥ 500	Pass
2467	15.12	17.76	≥ 500	Pass
2472	17.66	17.68	≥ 500	Pass

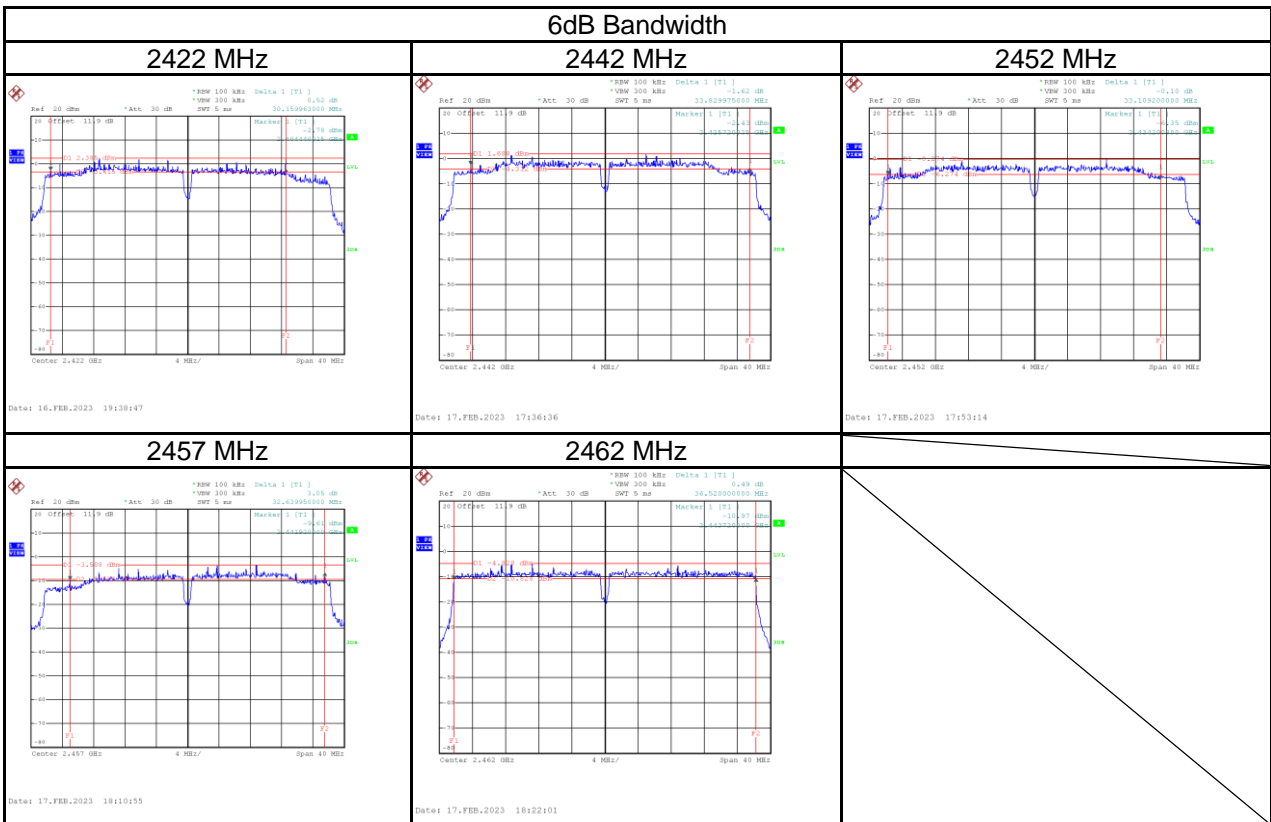


99% Occupied BW

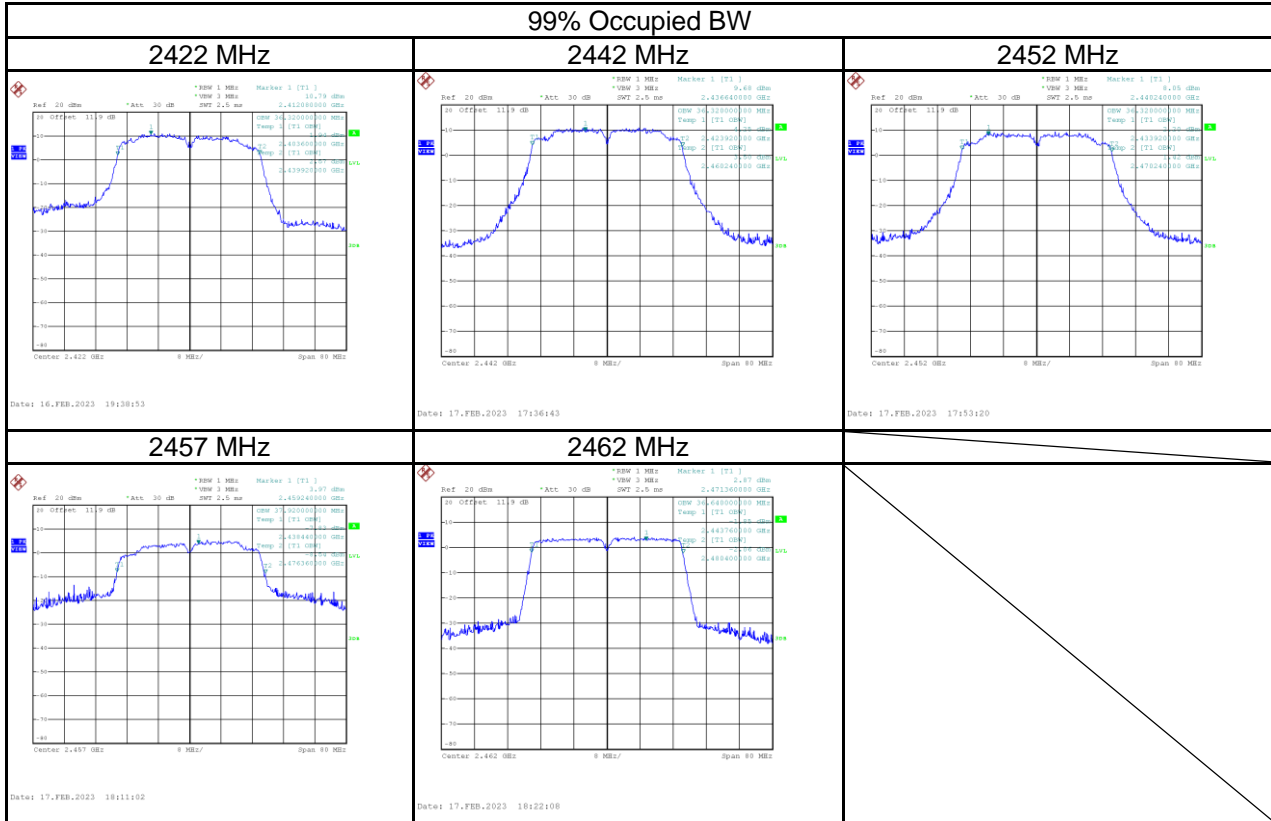


Test Mode	IEEE 802.11n (HT40)_Main Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	30.16	36.32	≥ 500	Pass
2442	33.83	36.32	≥ 500	Pass
2452	33.11	36.32	≥ 500	Pass
2457	32.64	37.92	≥ 500	Pass
2462	36.52	36.64	≥ 500	Pass

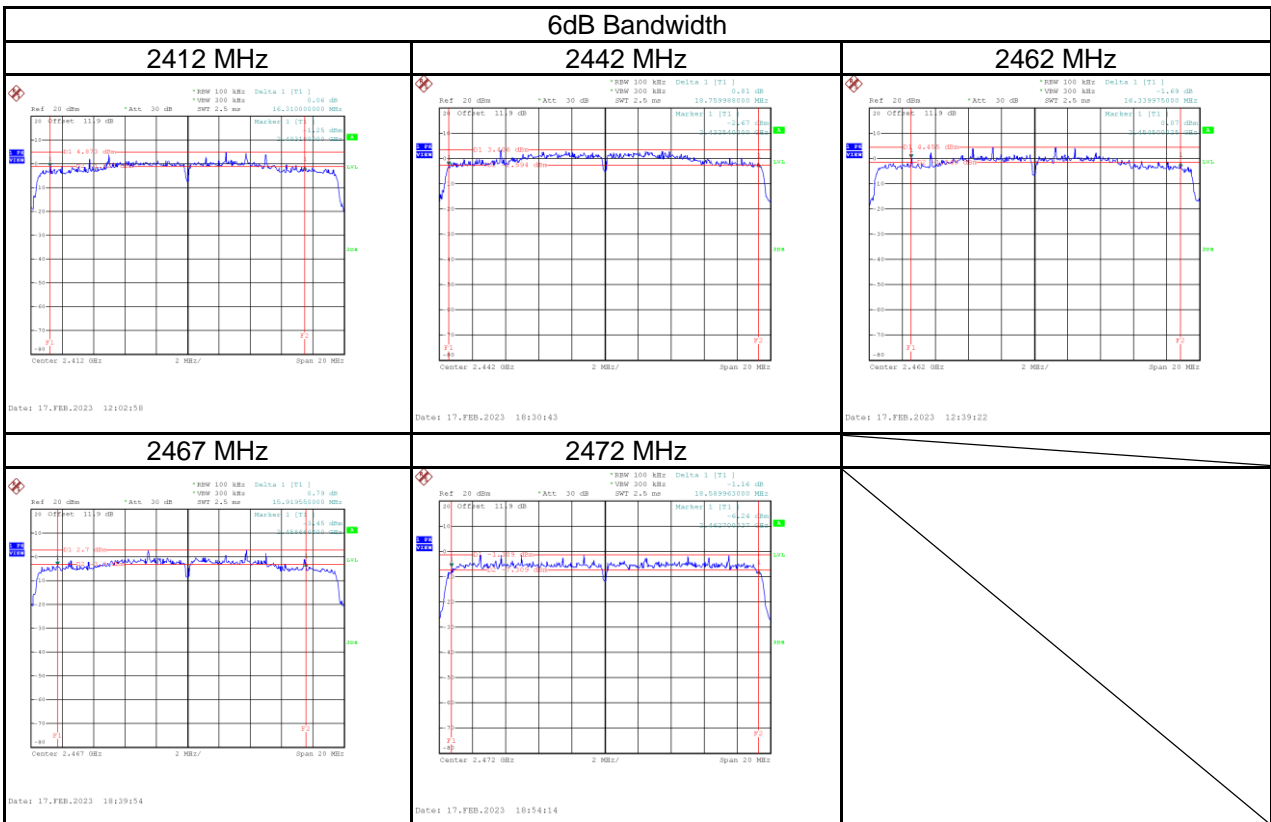


99% Occupied BW

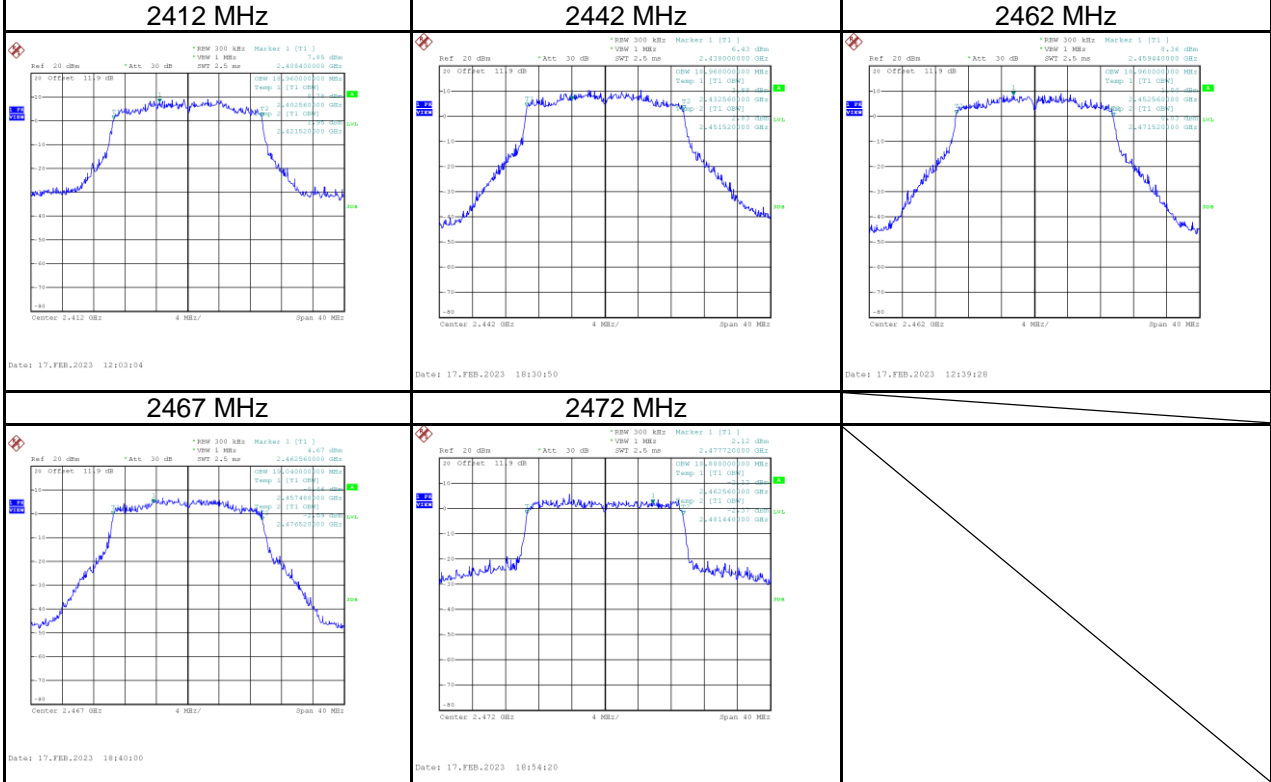


Test Mode	IEEE 802.11ax (HE20)_Main Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	16.31	18.96	≥ 500	Pass
2442	18.76	18.96	≥ 500	Pass
2462	16.34	18.96	≥ 500	Pass
2467	15.92	19.04	≥ 500	Pass
2472	18.59	18.88	≥ 500	Pass

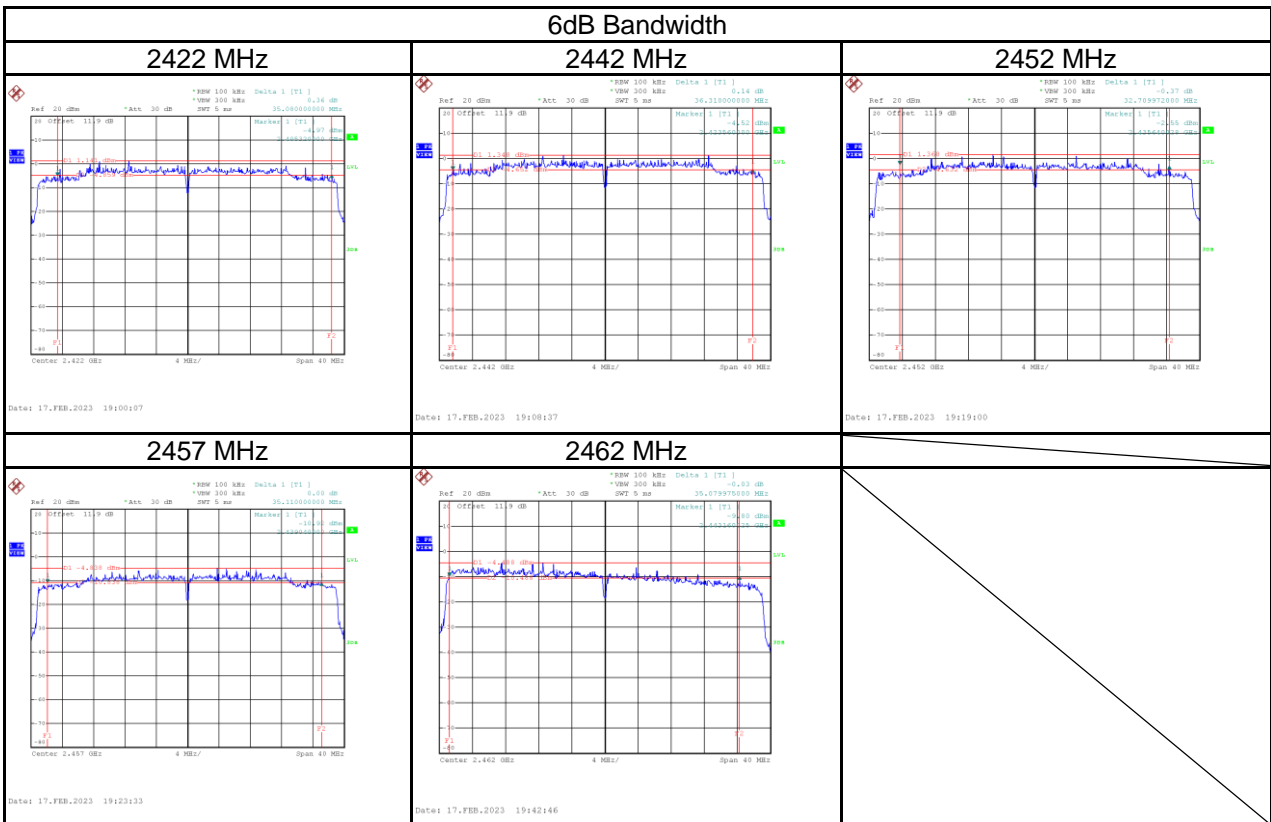


99% Occupied BW

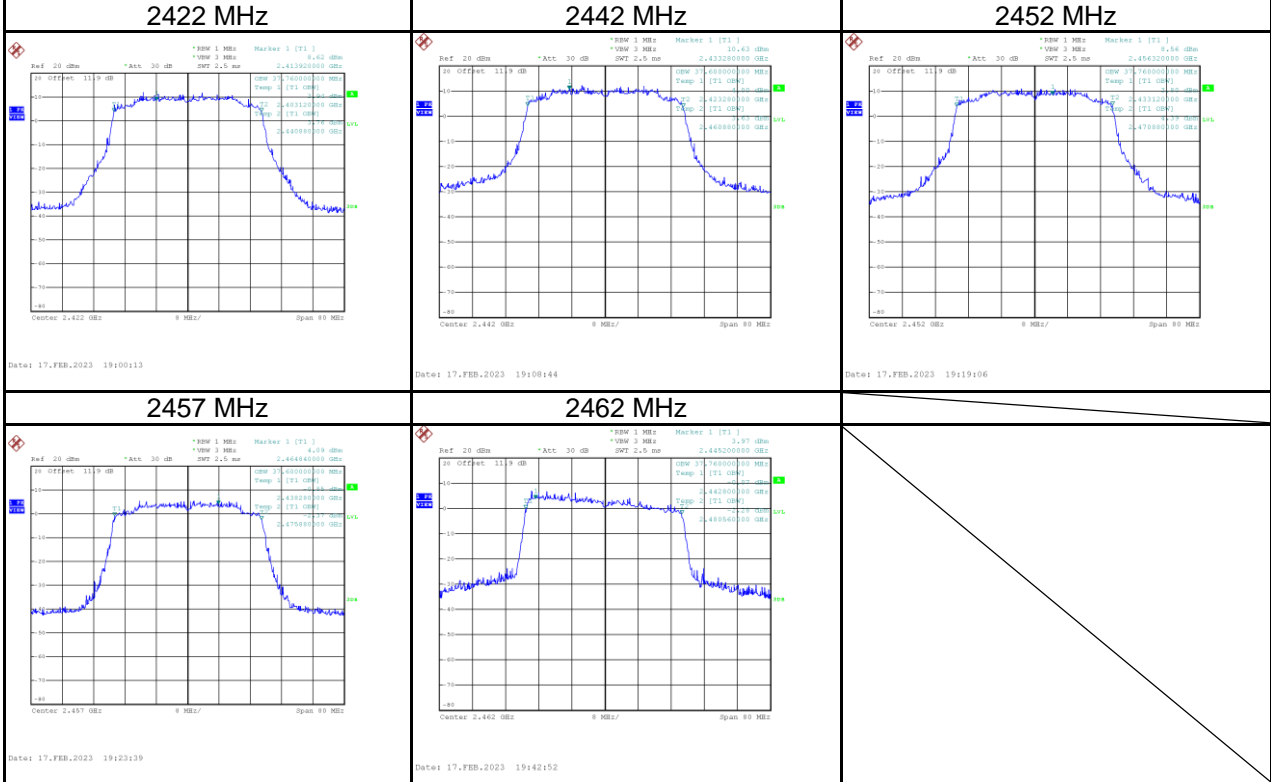


Test Mode	IEEE 802.11ax (HE40)_Main Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	35.08	37.76	≥ 500	Pass
2442	36.31	37.60	≥ 500	Pass
2452	32.71	37.76	≥ 500	Pass
2457	35.11	37.60	≥ 500	Pass
2462	35.08	37.76	≥ 500	Pass

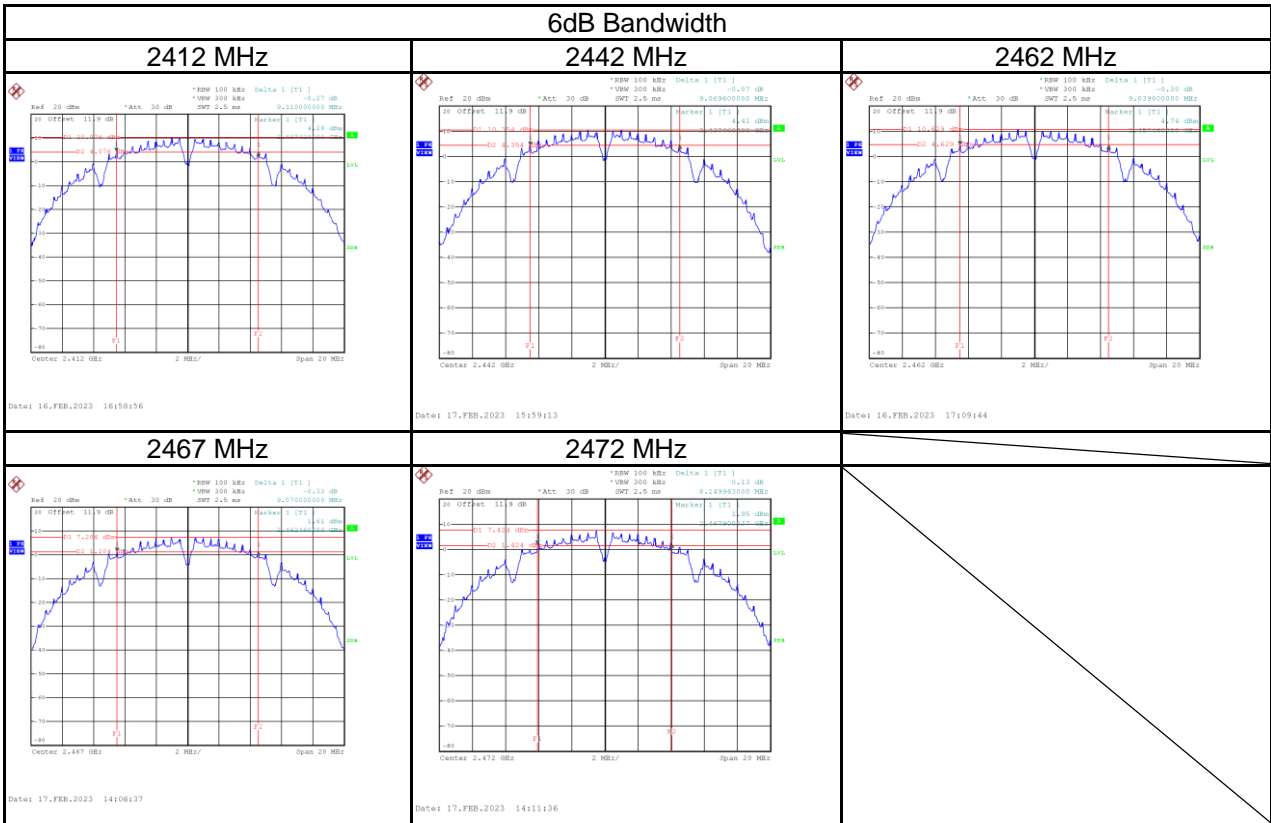


99% Occupied BW

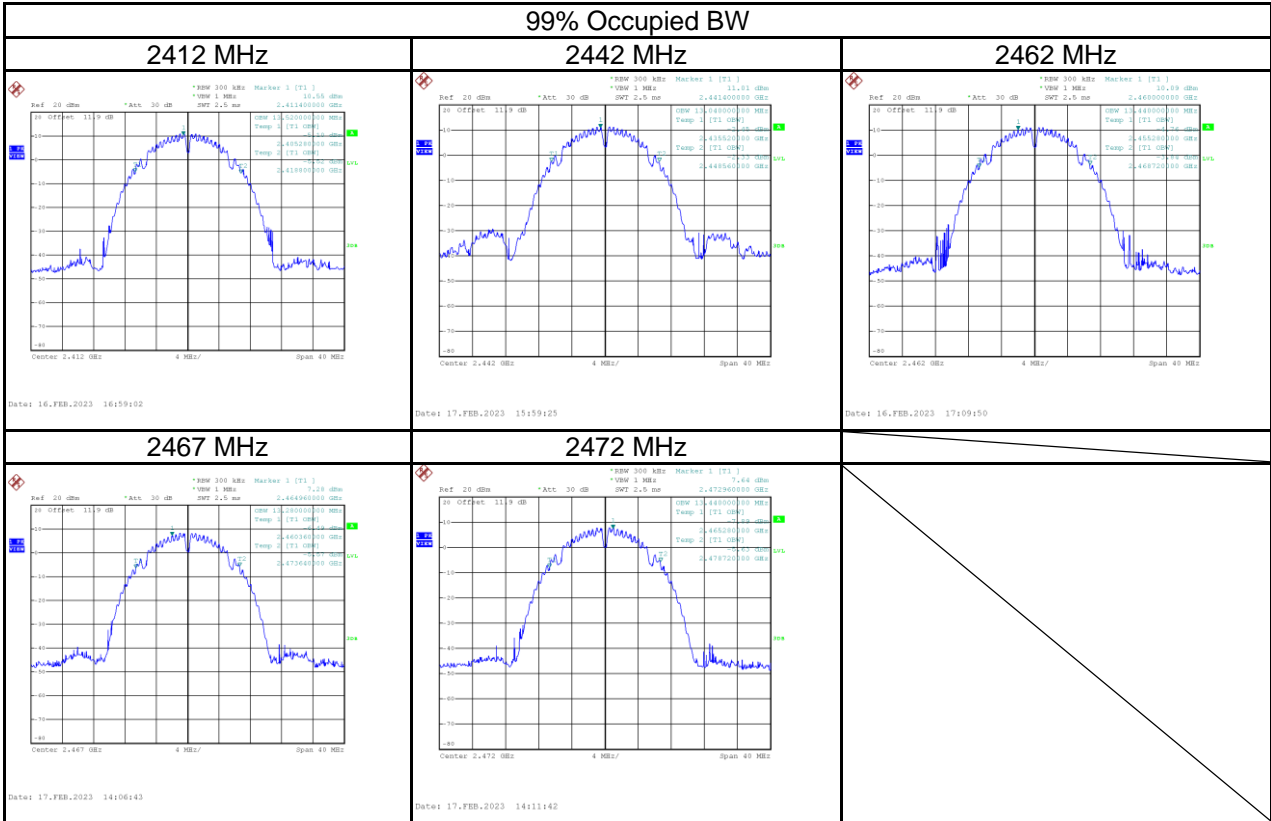


Test Mode	IEEE 802.11b_Aux Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	9.11	13.52	≥ 500	Pass
2442	9.07	13.04	≥ 500	Pass
2462	9.04	13.44	≥ 500	Pass
2467	9.07	13.28	≥ 500	Pass
2472	8.15	13.44	≥ 500	Pass

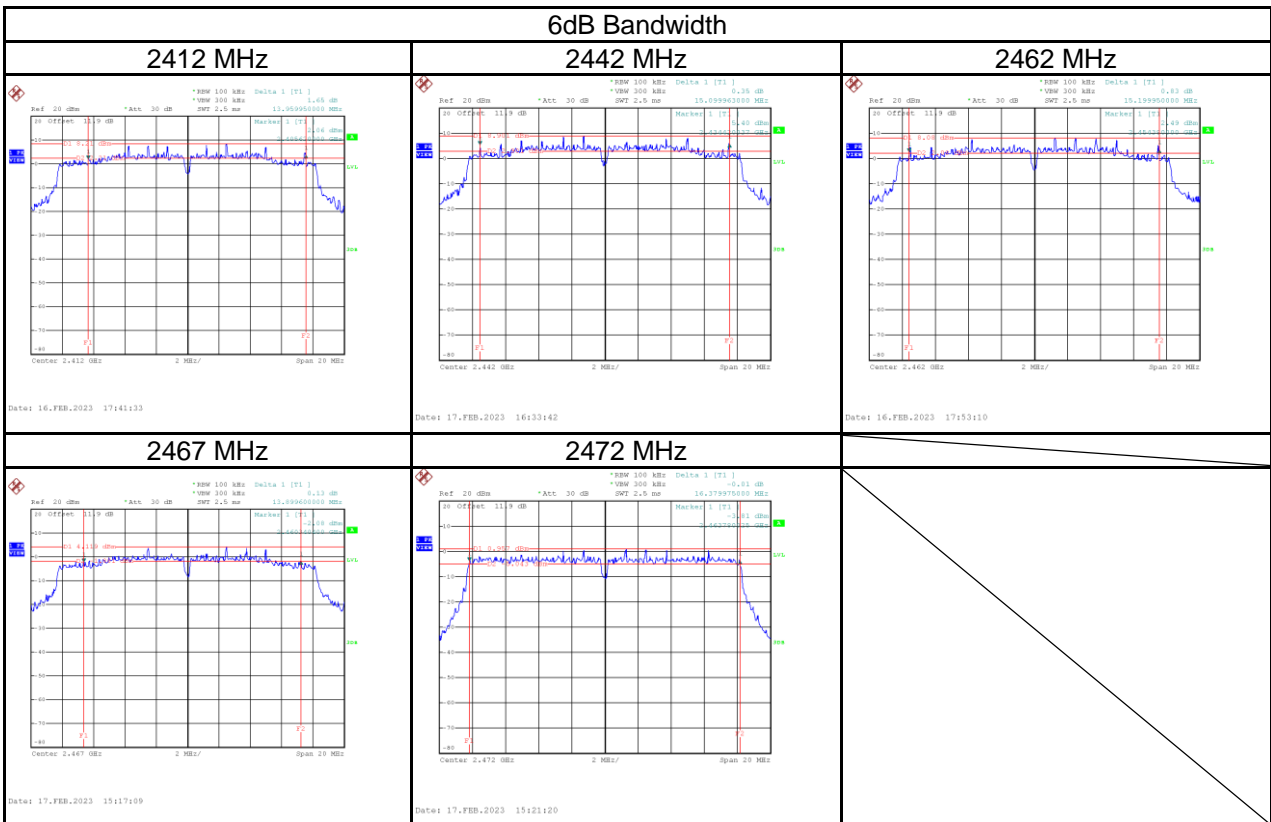


99% Occupied BW

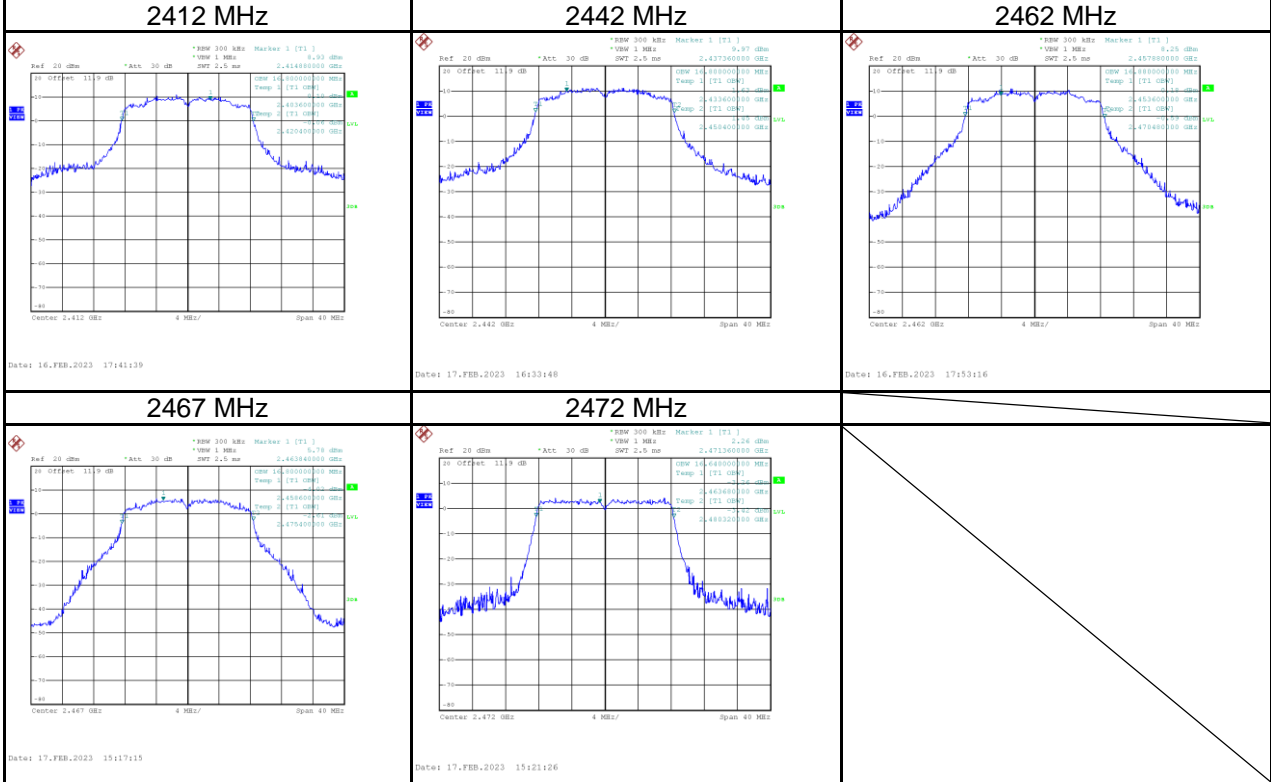


Test Mode	IEEE 802.11g_Aux Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	13.96	16.80	≥ 500	Pass
2442	15.10	16.80	≥ 500	Pass
2462	15.20	16.88	≥ 500	Pass
2467	13.90	16.80	≥ 500	Pass
2472	16.38	16.64	≥ 500	Pass

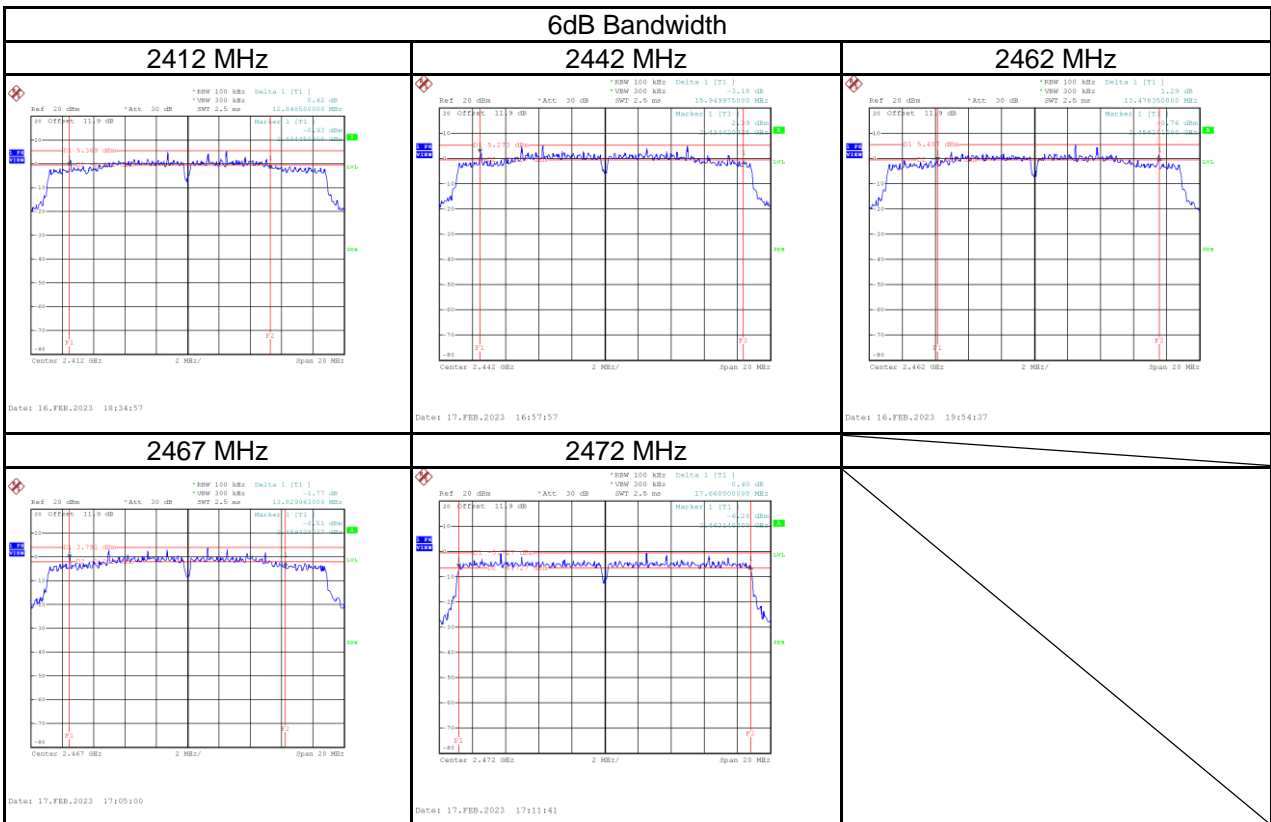


99% Occupied BW

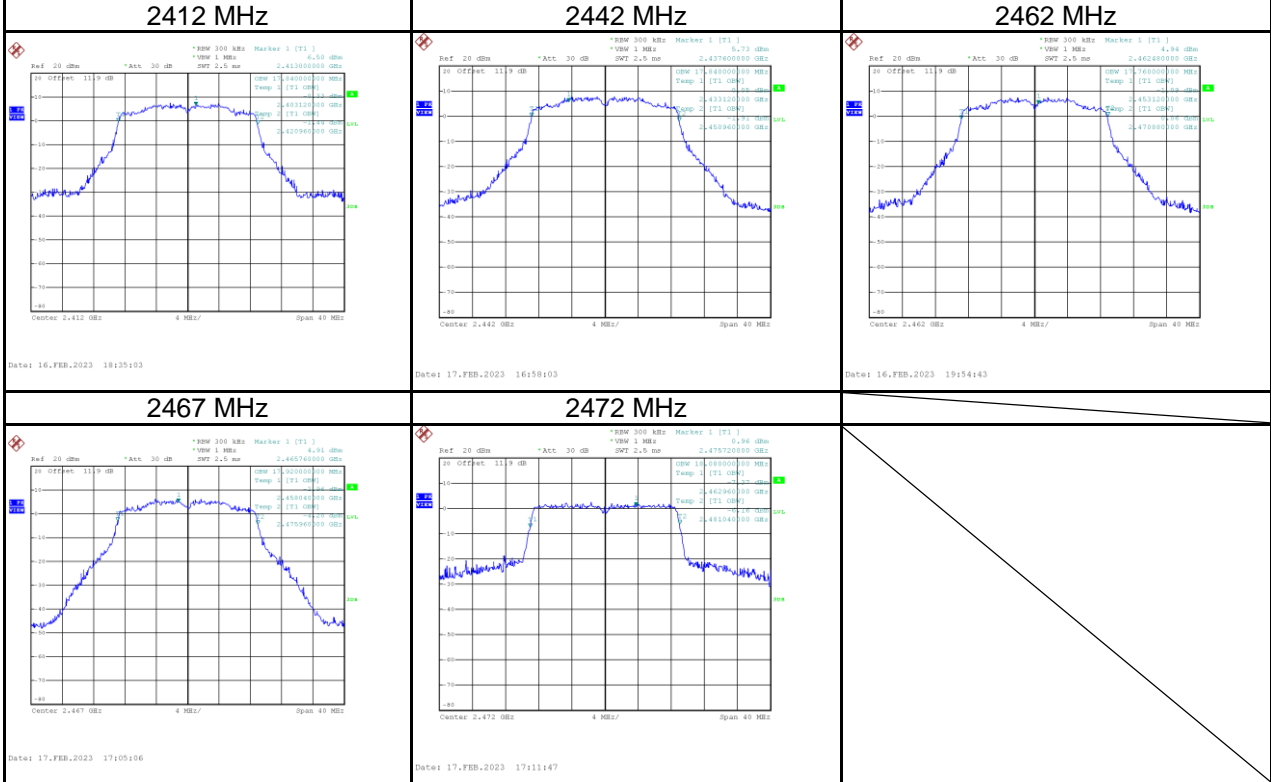


Test Mode	IEEE 802.11n (HT20)_Aux Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	12.85	17.84	≥ 500	Pass
2442	15.95	17.84	≥ 500	Pass
2462	13.48	17.76	≥ 500	Pass
2467	13.83	17.92	≥ 500	Pass
2472	17.66	18.00	≥ 500	Pass

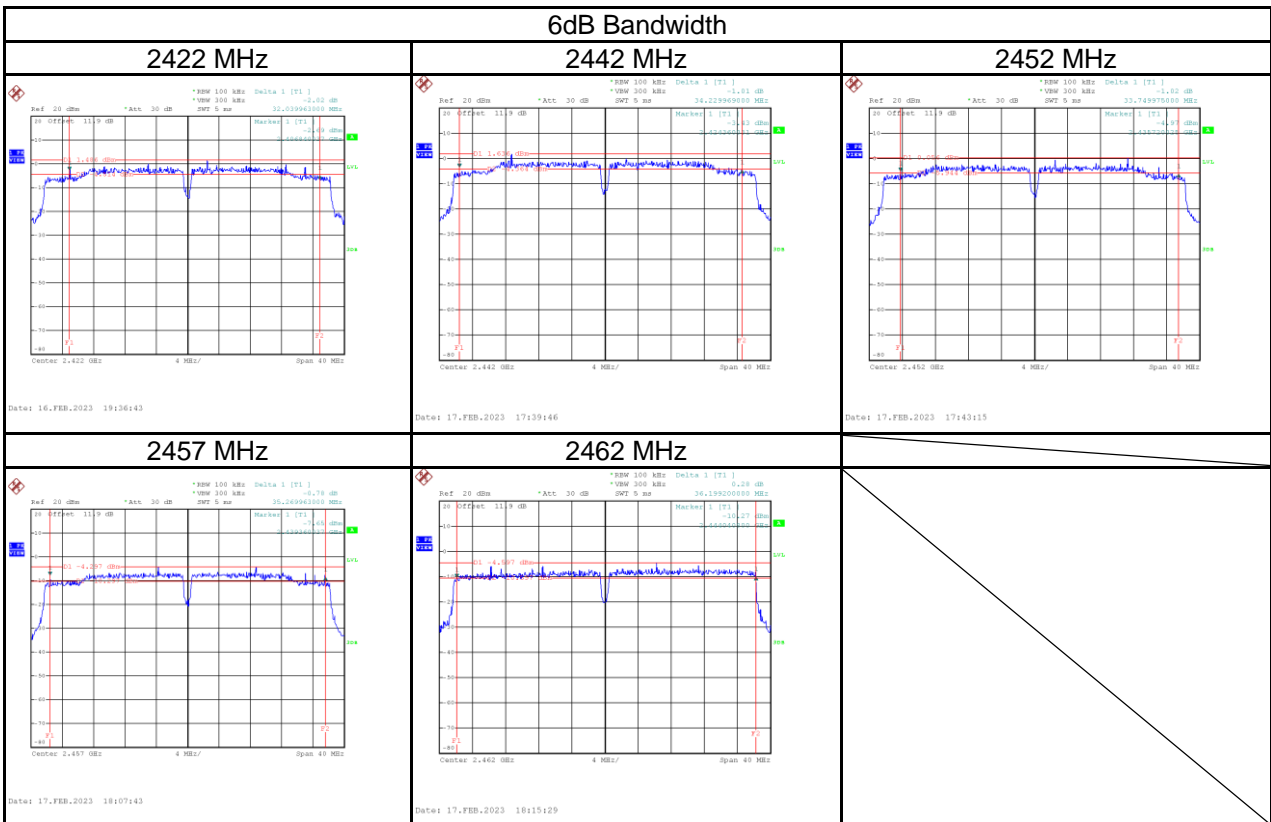


99% Occupied BW

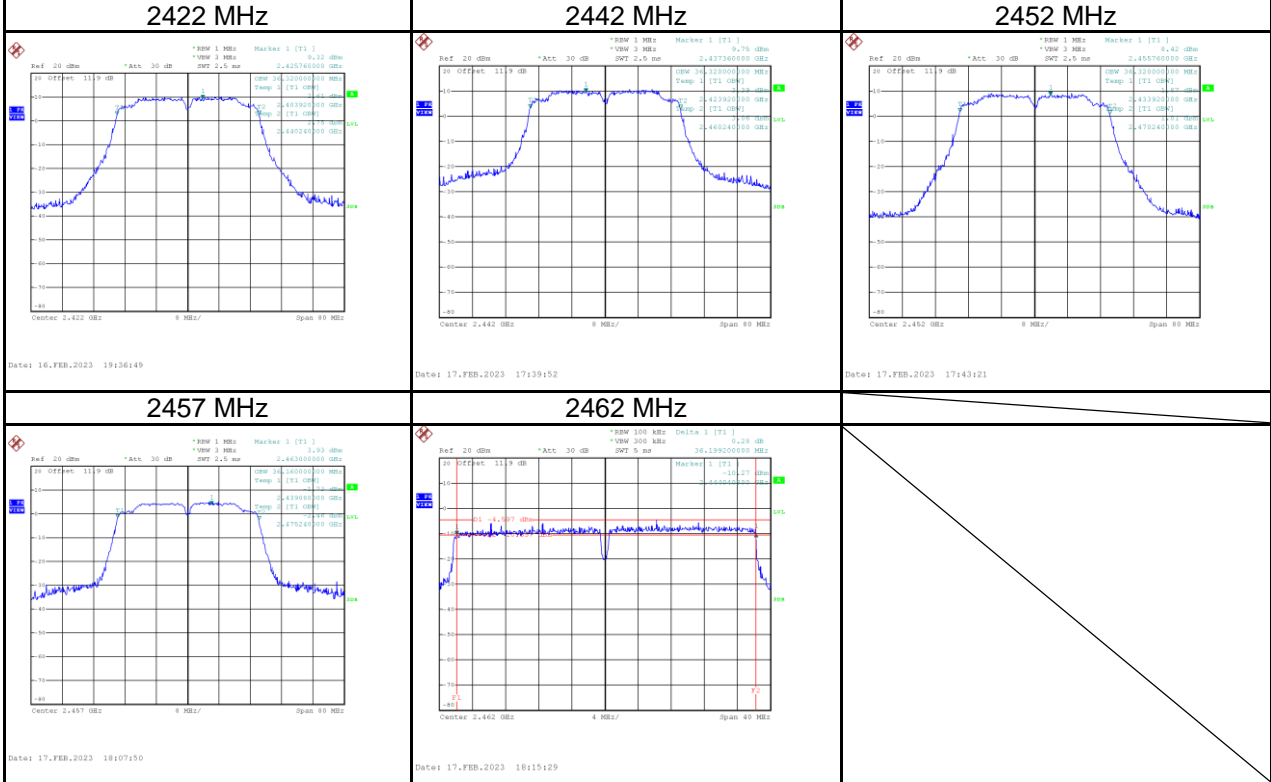


Test Mode	IEEE 802.11n (HT40)_Aux Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	32.04	36.32	≥ 500	Pass
2442	34.23	36.32	≥ 500	Pass
2452	33.75	36.32	≥ 500	Pass
2457	35.27	36.16	≥ 500	Pass
2462	36.20	37.28	≥ 500	Pass

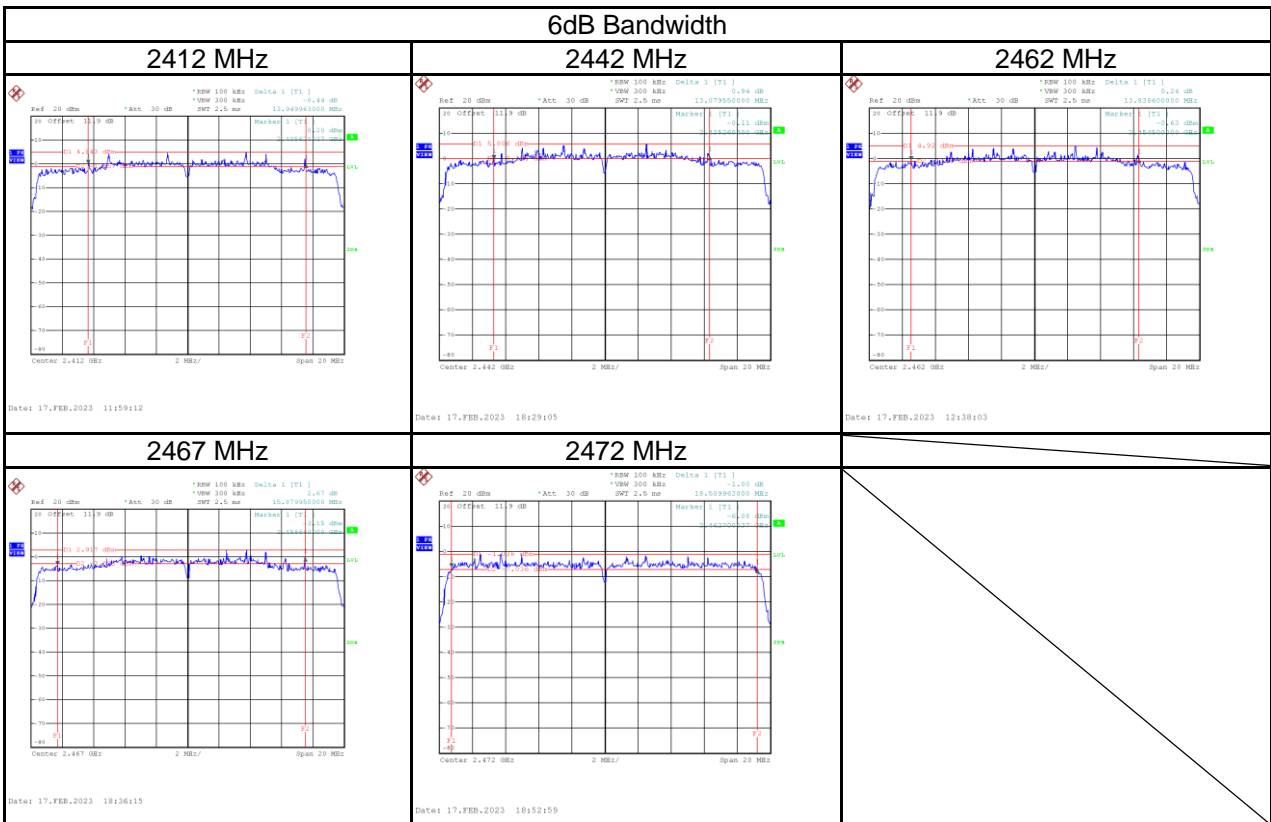


99% Occupied BW

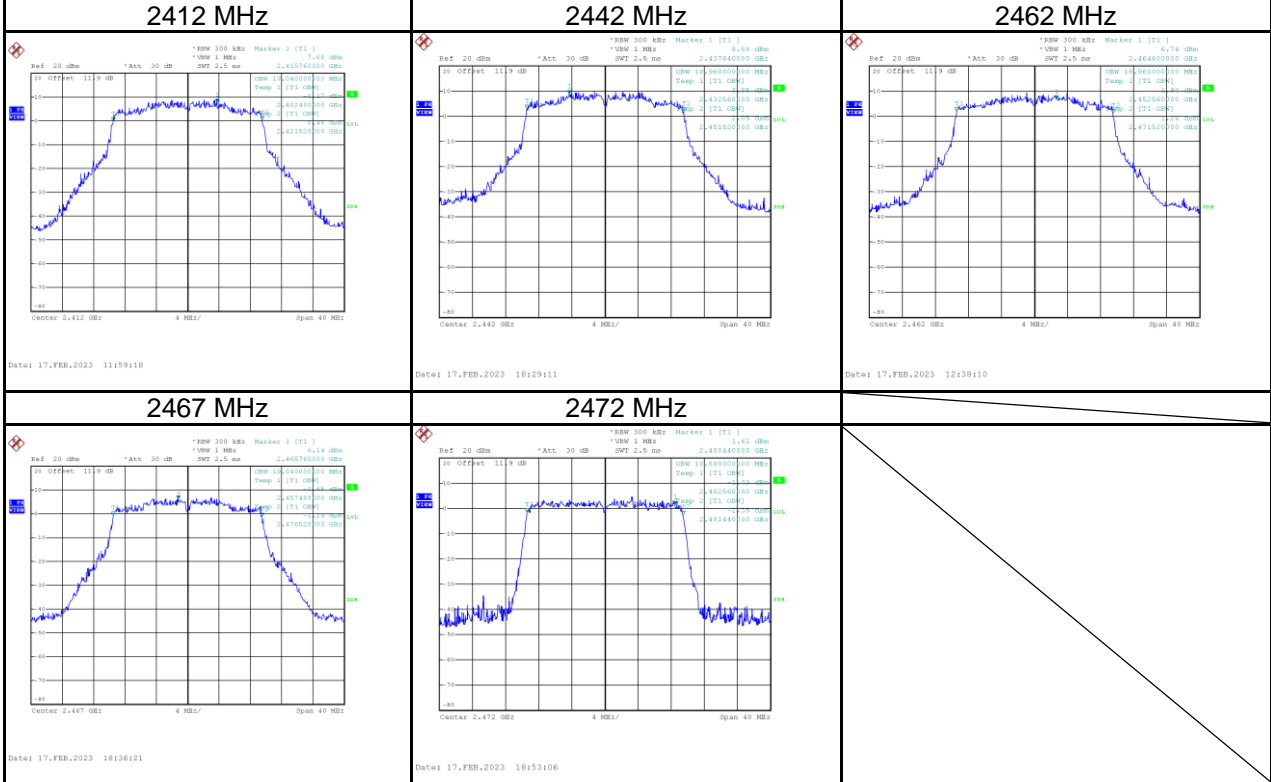


Test Mode	IEEE 802.11ax (HE20)_Aux Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	13.95	19.04	≥ 500	Pass
2442	13.08	18.96	≥ 500	Pass
2462	13.84	18.96	≥ 500	Pass
2467	15.88	19.04	≥ 500	Pass
2472	18.51	18.88	≥ 500	Pass

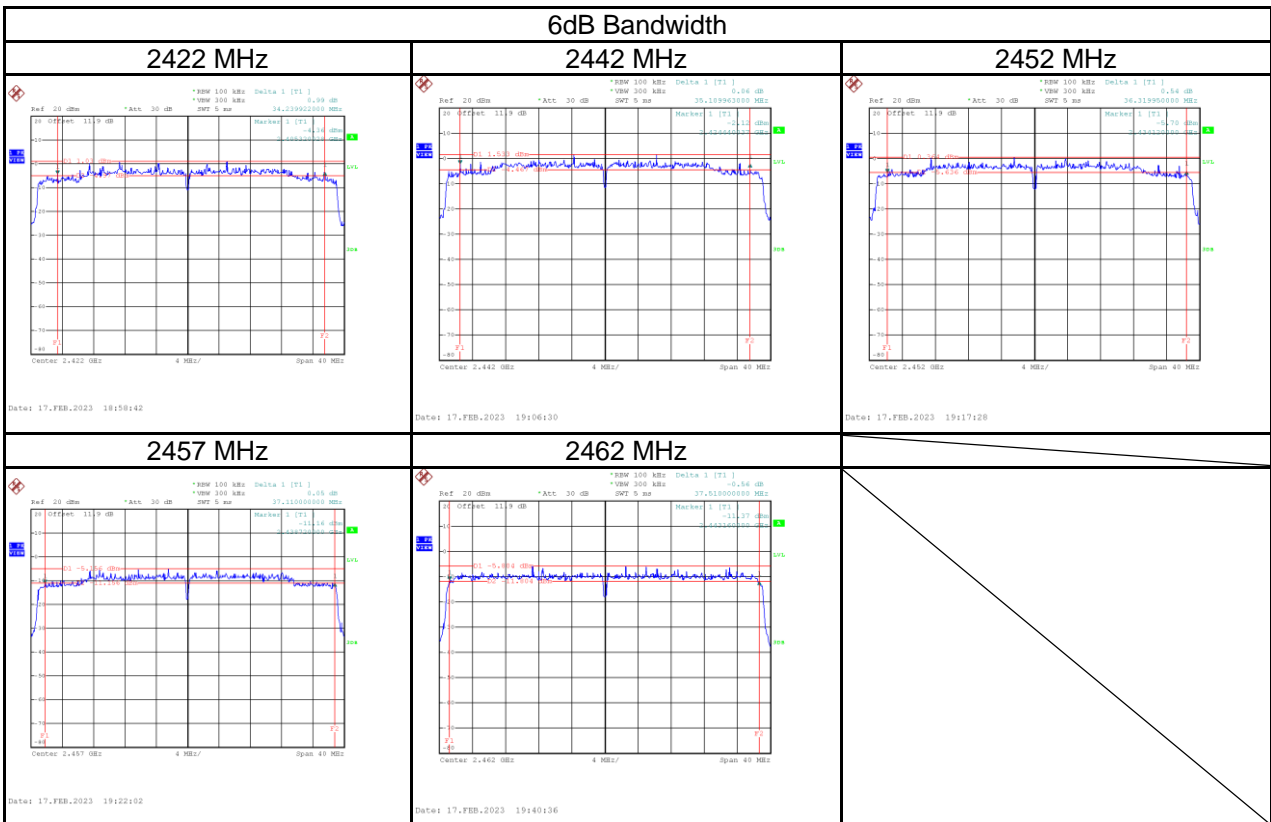


99% Occupied BW

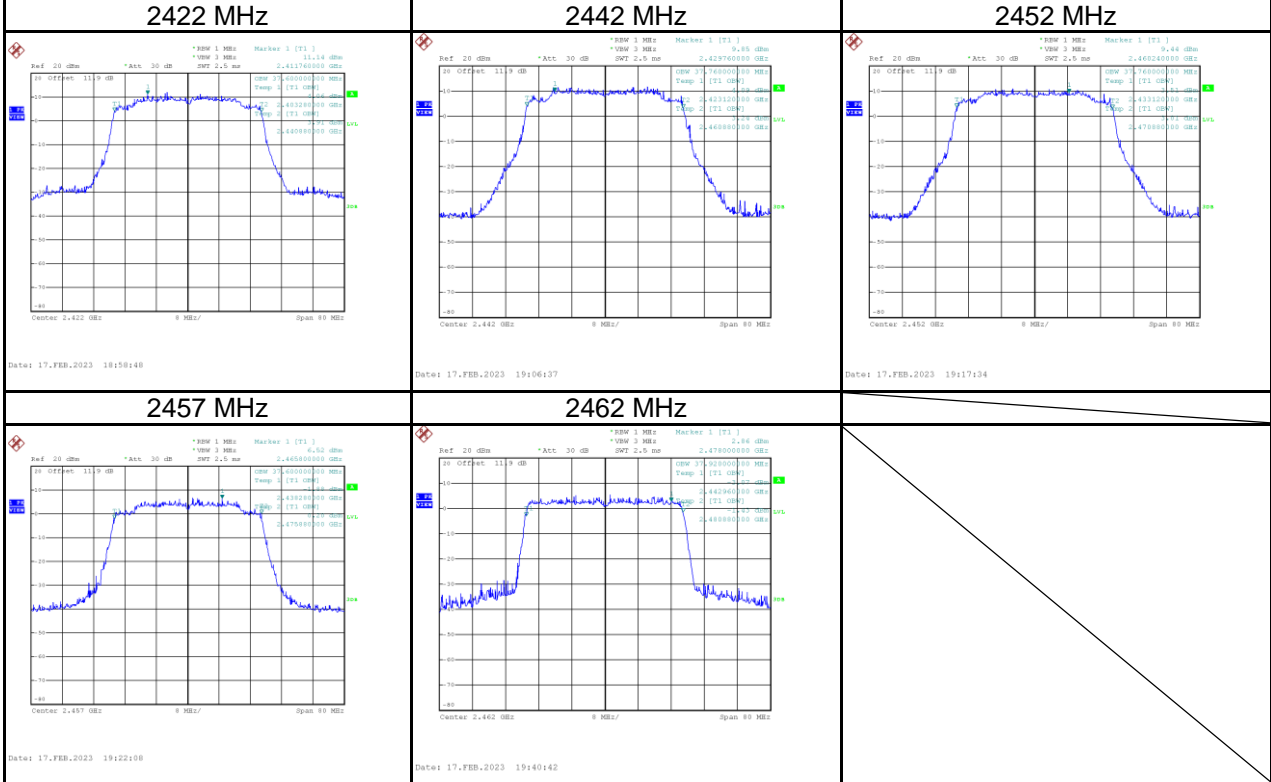


Test Mode	IEEE 802.11ax (HE40)_Aux Antenna
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	34.24	37.60	≥ 500	Pass
2442	35.11	37.76	≥ 500	Pass
2452	36.32	37.76	≥ 500	Pass
2457	37.11	37.60	≥ 500	Pass
2462	37.51	37.92	≥ 500	Pass



99% Occupied BW



APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_Main Antenna	Tested Date	2023/2/16
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.08	0.1282	30.00	1.0000	Complies
2442	21.10	0.1288	30.00	1.0000	Complies
2462	21.10	0.1288	30.00	1.0000	Complies
2467	18.38	0.0689	30.00	1.0000	Complies
2472	18.11	0.0647	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Main Antenna	Tested Date	2023/2/16
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	22.83	0.1919	30.00	1.0000	Complies
2442	23.01	0.2000	30.00	1.0000	Complies
2462	22.38	0.1730	30.00	1.0000	Complies
2467	19.19	0.0830	30.00	1.0000	Complies
2472	20.22	0.1052	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Aux Antenna	Tested Date	2023/2/16
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.10	0.1288	30.00	1.0000	Complies
2442	21.25	0.1334	30.00	1.0000	Complies
2462	21.12	0.1294	30.00	1.0000	Complies
2467	18.21	0.0662	30.00	1.0000	Complies
2472	17.84	0.0608	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Aux Antenna	Tested Date	2023/2/16
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.44	0.2208	30.00	1.0000	Complies
2442	23.17	0.2075	30.00	1.0000	Complies
2462	22.53	0.1791	30.00	1.0000	Complies
2467	18.83	0.0764	30.00	1.0000	Complies
2472	20.57	0.1140	30.00	1.0000	Complies

MIMO Mode:

Test Mode	IEEE 802.11n (HT20)_Main Antenna	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.24	0.1057	30.00	1.0000	Complies
2442	20.70	0.1175	30.00	1.0000	Complies
2462	20.12	0.1028	30.00	1.0000	Complies
2467	19.15	0.0822	30.00	1.0000	Complies
2472	20.07	0.1016	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Aux Antenna	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.71	0.1178	30.00	1.0000	Complies
2442	21.24	0.1330	30.00	1.0000	Complies
2462	19.25	0.0841	30.00	1.0000	Complies
2467	18.75	0.0750	30.00	1.0000	Complies
2472	19.72	0.0938	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.49	0.2234	30.00	1.0000	Complies
2442	23.99	0.2505	30.00	1.0000	Complies
2462	22.72	0.1869	30.00	1.0000	Complies
2467	21.96	0.1572	30.00	1.0000	Complies
2472	22.91	0.1954	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Main Antenna	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.67	0.1167	30.00	1.0000	Complies
2442	21.94	0.1563	30.00	1.0000	Complies
2452	19.14	0.0820	30.00	1.0000	Complies
2457	17.41	0.0551	30.00	1.0000	Complies
2462	19.41	0.0873	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Aux Antenna	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.42	0.1102	30.00	1.0000	Complies
2442	21.17	0.1309	30.00	1.0000	Complies
2452	19.35	0.0861	30.00	1.0000	Complies
2457	17.62	0.0578	30.00	1.0000	Complies
2462	19.52	0.0895	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.56	0.2268	30.00	1.0000	Complies
2442	24.58	0.2872	30.00	1.0000	Complies
2452	22.26	0.1681	30.00	1.0000	Complies
2457	20.53	0.1129	30.00	1.0000	Complies
2462	22.48	0.1768	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Main Antenna	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.17	0.1040	30.00	1.0000	Complies
2442	20.72	0.1180	30.00	1.0000	Complies
2462	19.81	0.0957	30.00	1.0000	Complies
2467	18.26	0.0670	30.00	1.0000	Complies
2472	21.09	0.1285	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Aux Antenna	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.73	0.1183	30.00	1.0000	Complies
2442	21.71	0.1483	30.00	1.0000	Complies
2462	19.95	0.0989	30.00	1.0000	Complies
2467	18.46	0.0701	30.00	1.0000	Complies
2472	20.35	0.1084	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.47	0.2223	30.00	1.0000	Complies
2442	24.25	0.2663	30.00	1.0000	Complies
2462	22.89	0.1946	30.00	1.0000	Complies
2467	21.37	0.1371	30.00	1.0000	Complies
2472	23.75	0.2369	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_Main Antenna	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.21	0.1050	30.00	1.0000	Complies
2442	20.55	0.1135	30.00	1.0000	Complies
2452	20.15	0.1035	30.00	1.0000	Complies
2457	16.32	0.0429	30.00	1.0000	Complies
2462	17.80	0.0603	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_Aux Antenna	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.32	0.1076	30.00	1.0000	Complies
2442	20.64	0.1159	30.00	1.0000	Complies
2452	20.22	0.1052	30.00	1.0000	Complies
2457	16.53	0.0450	30.00	1.0000	Complies
2462	18.34	0.0682	30.00	1.0000	Complies

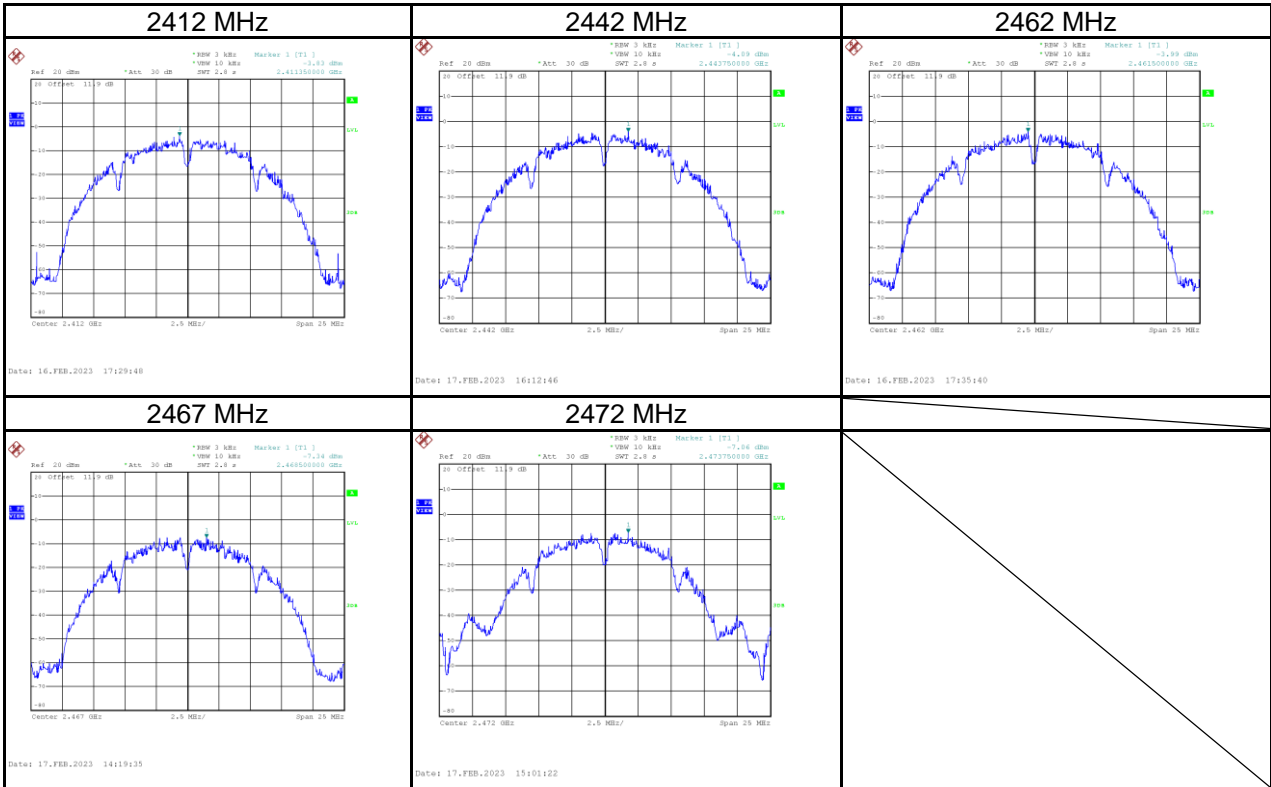
Test Mode	IEEE 802.11ax (HE40)_Total	Tested Date	2023/2/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.28	0.2126	30.00	1.0000	Complies
2442	23.61	0.2294	30.00	1.0000	Complies
2452	23.20	0.2087	30.00	1.0000	Complies
2457	19.44	0.0878	30.00	1.0000	Complies
2462	21.09	0.1285	30.00	1.0000	Complies

APPENDIX F POWER SPECTRAL DENSITY

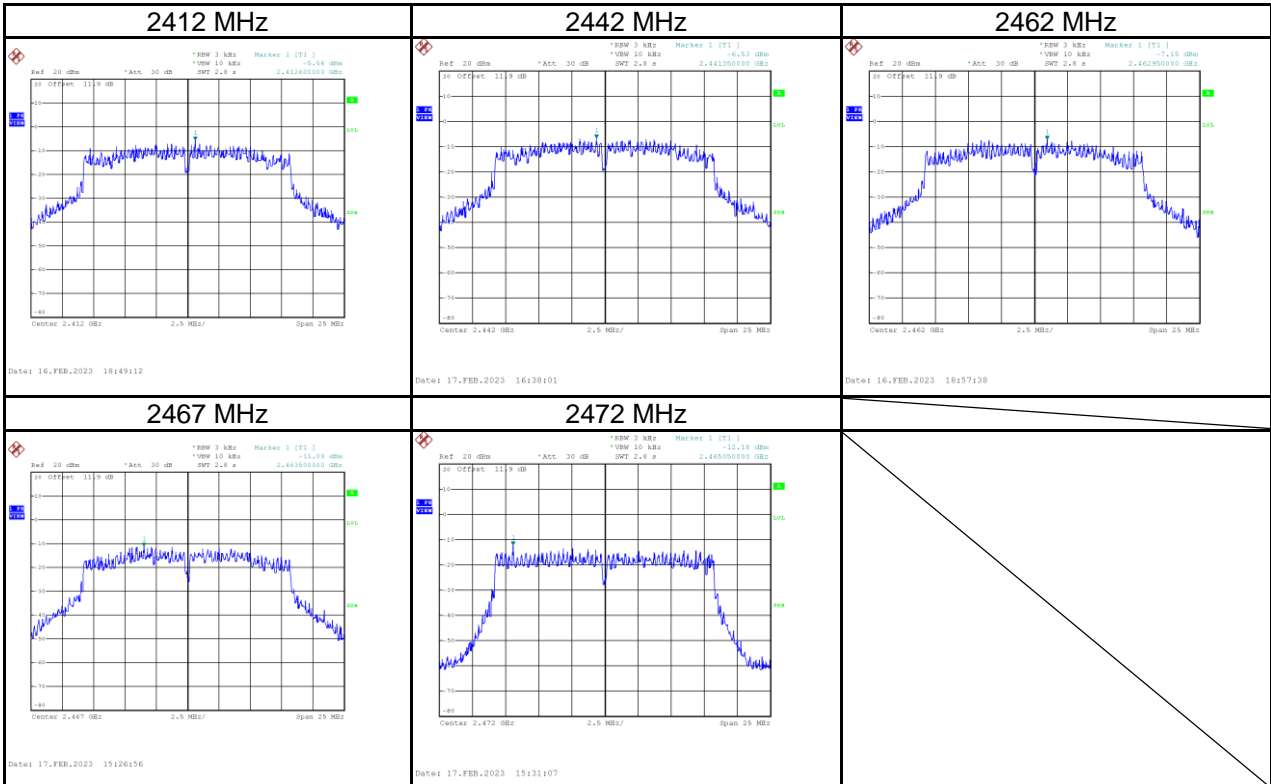
Test Mode	IEEE 802.11b_Main Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-3.83	8.00	Pass
2442	-4.09	8.00	Pass
2462	-3.99	8.00	Pass
2467	-7.34	8.00	Pass
2472	-7.06	8.00	Pass



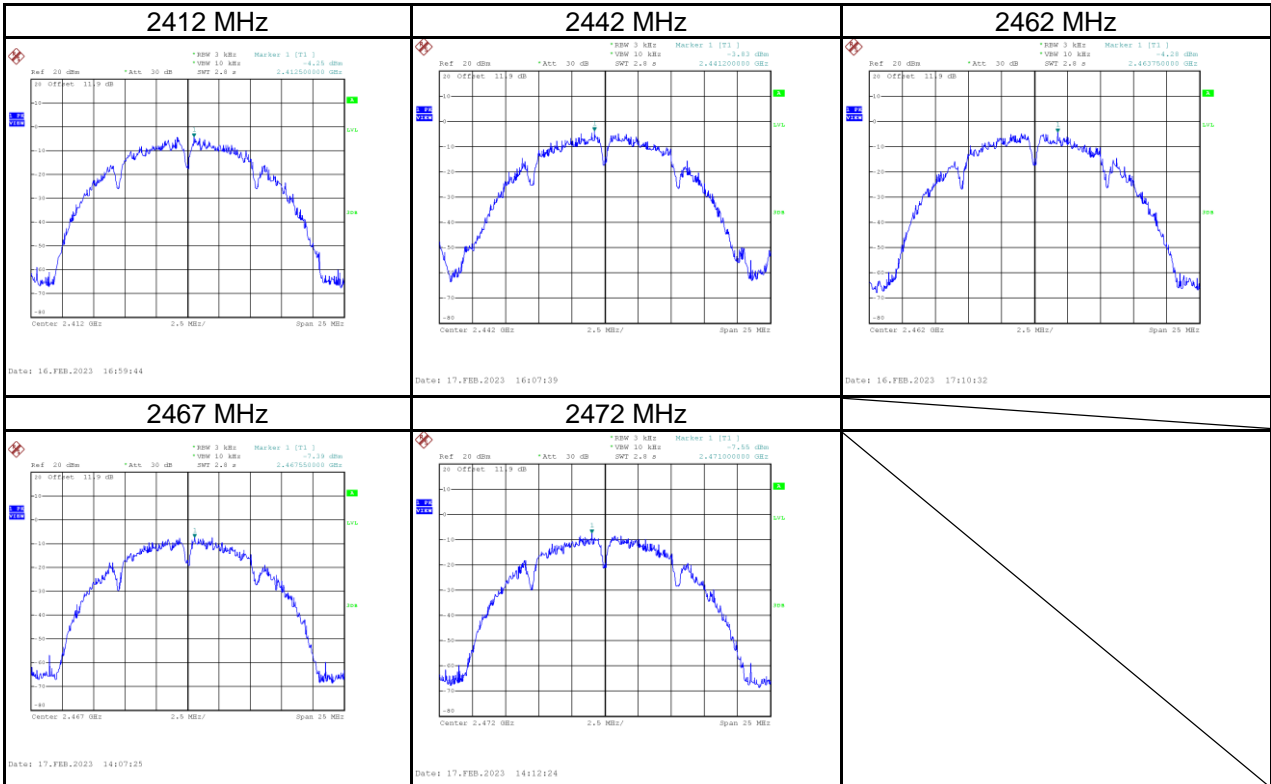
Test Mode	IEEE 802.11g_Main Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-5.56	8.00	Pass
2442	-6.53	8.00	Pass
2462	-7.15	8.00	Pass
2467	-11.09	8.00	Pass
2472	-12.18	8.00	Pass



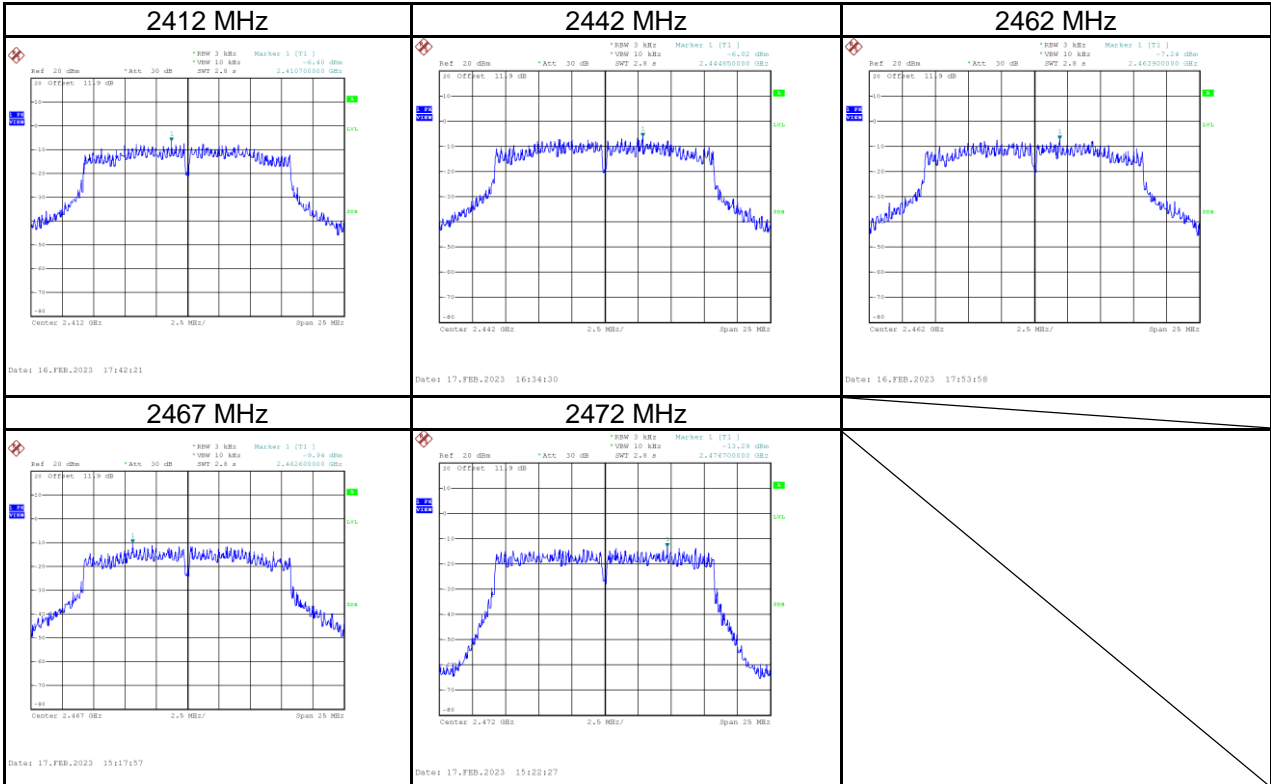
Test Mode	IEEE 802.11b_Aux Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-4.25	8.00	Pass
2442	-3.83	8.00	Pass
2462	-4.28	8.00	Pass
2467	-7.39	8.00	Pass
2472	-7.55	8.00	Pass



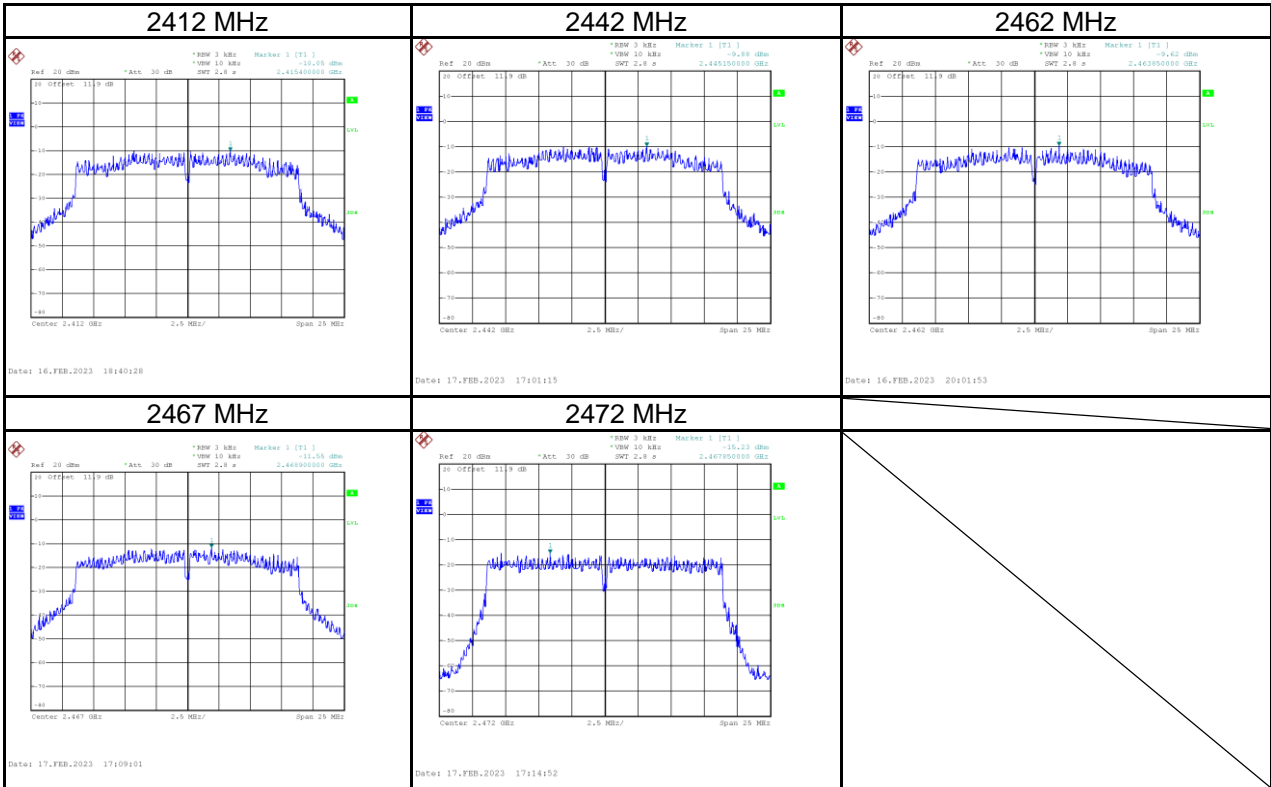
Test Mode	IEEE 802.11g_Aux Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-6.40	8.00	Pass
2442	-6.02	8.00	Pass
2462	-7.24	8.00	Pass
2467	-9.94	8.00	Pass
2472	-13.29	8.00	Pass



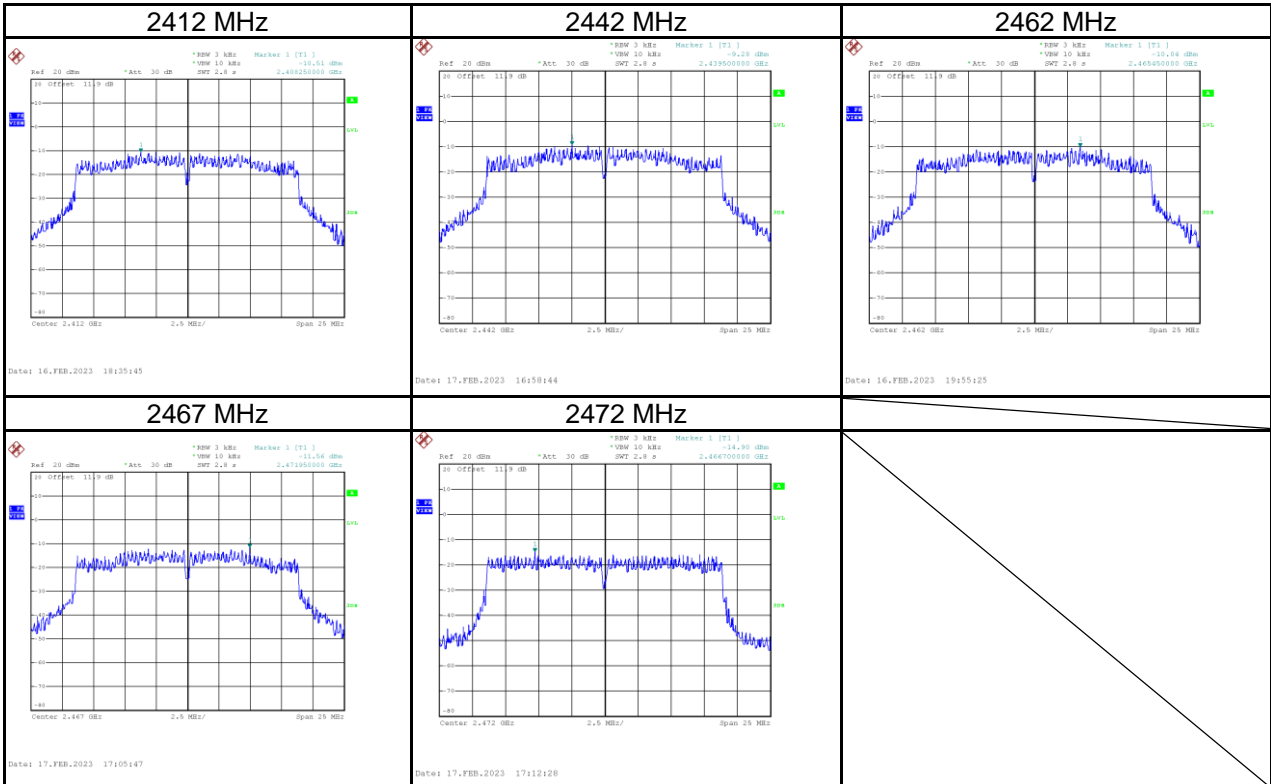
Test Mode	IEEE 802.11n (HT20)_Main Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-10.05	8.00	Pass
2442	-9.88	8.00	Pass
2462	-9.62	8.00	Pass
2467	-11.55	8.00	Pass
2472	-15.23	8.00	Pass



Test Mode	IEEE 802.11n (HT20)_Aux Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-10.51	8.00	Pass
2442	-9.28	8.00	Pass
2462	-10.04	8.00	Pass
2467	-11.56	8.00	Pass
2472	-14.90	8.00	Pass

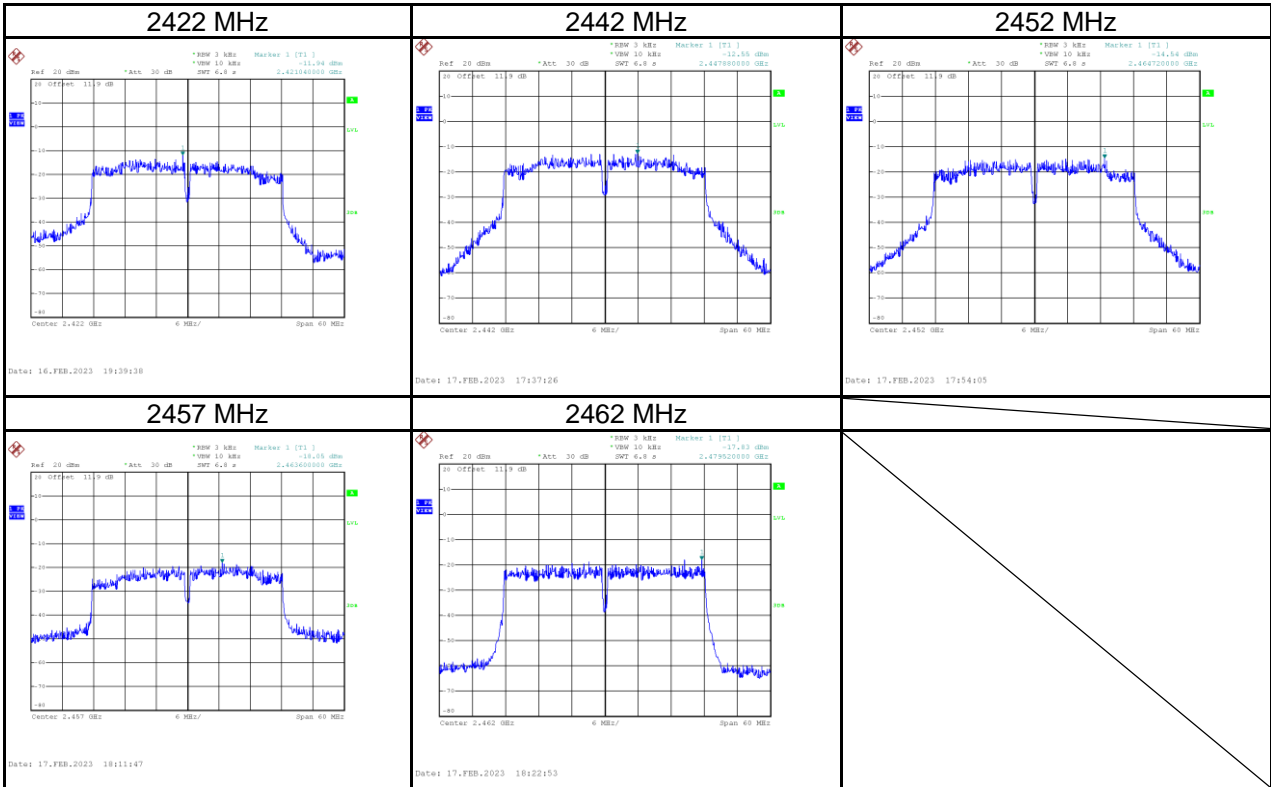


Test Mode	IEEE 802.11n (HT20)_Total
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-7.26	8.00	Pass
2442	-6.56	8.00	Pass
2462	-6.81	8.00	Pass
2467	-8.54	8.00	Pass
2472	-12.05	8.00	Pass

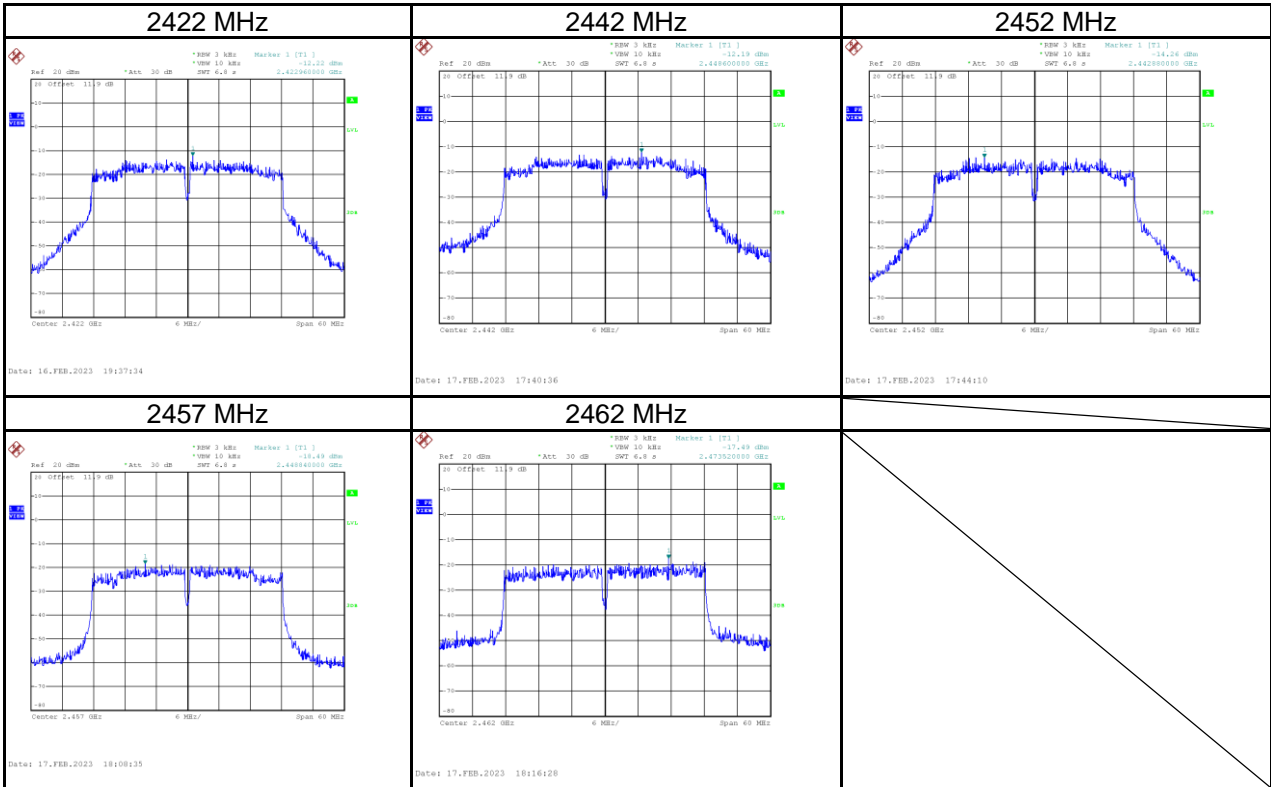
Test Mode	IEEE 802.11n (HT40)_Main Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-11.94	8.00	Pass
2442	-12.55	8.00	Pass
2452	-14.54	8.00	Pass
2457	-18.05	8.00	Pass
2462	-17.83	8.00	Pass



Test Mode	IEEE 802.11n (HT40)_Aux Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-12.22	8.00	Pass
2442	-12.19	8.00	Pass
2452	-14.26	8.00	Pass
2457	-18.49	8.00	Pass
2462	-17.49	8.00	Pass



Test Mode	IEEE 802.11n (HT40)_Total
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-9.07	8.00	Pass
2442	-9.36	8.00	Pass
2452	-11.39	8.00	Pass
2457	-15.25	8.00	Pass
2462	-14.65	8.00	Pass

Test Mode	IEEE 802.11ax (HE20)_Main Antenna
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-10.95	8.00	Pass
2442	-7.29	8.00	Pass
2462	-10.38	8.00	Pass
2467	-12.78	8.00	Pass
2472	-16.16	8.00	Pass

