

FCC Radio Test Report

FCC ID: 2BCGWGXE75

Report No. : BTL-FCCP-1-2402G042
Equipment : AXE5400 Tri-Band Wi-Fi 6E Gaming Router
Model Name : Archer GXE75
Brand Name : tp-link
Applicant : TP-LINK CORPORATION PTE. LTD.
Address : 7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

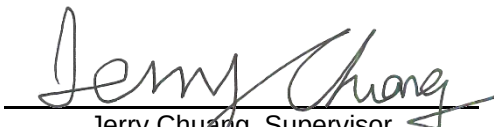
Radio Function : WLAN 2.4 GHz

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

Date of Receipt : 2024/2/21
Date of Test : 2024/5/7 ~ 2024/5/21
Issued Date : 2024/7/23

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

Prepared by : 
Eddie Lee, Engineer

Approved by : 
Jerry Chuang, Supervisor

**BTL Inc.**

No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan

Tel: +886-2-2657-3299 Fax: +886-2-2657-3331 Web: www.newbtl.com Service mail: btl_qa@newbtl.com

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** assumes no responsibility for the data provided by the Customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by **BTL**.

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

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

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

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

Limitation

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

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

CONTENTS

REVISION HISTORY	5
1 SUMMARY OF TEST RESULTS	6
1.1 TEST FACILITY	7
1.2 MEASUREMENT UNCERTAINTY	7
1.3 TEST ENVIRONMENT CONDITIONS	7
1.4 DUTY CYCLE	8
2 GENERAL INFORMATION	10
2.1 DESCRIPTION OF EUT	10
2.2 TEST MODES	12
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	13
2.4 SUPPORT UNITS	14
3 AC POWER LINE CONDUCTED EMISSIONS TEST	15
3.1 LIMIT	15
3.2 TEST PROCEDURE	15
3.3 DEVIATION FROM TEST STANDARD	15
3.4 TEST SETUP	16
3.5 TEST RESULT	16
4 RADIATED EMISSIONS TEST	17
4.1 LIMIT	17
4.2 TEST PROCEDURE	18
4.3 DEVIATION FROM TEST STANDARD	18
4.4 TEST SETUP	19
4.5 EUT OPERATING CONDITIONS	20
4.6 TEST RESULT – 9 KHZ TO 30 MHZ	20
4.7 TEST RESULT – 30 MHZ TO 1 GHZ	20
4.8 TEST RESULT – ABOVE 1 GHZ	20
5 BANDWIDTH TEST	21
5.1 LIMIT	21
5.2 TEST PROCEDURE	21
5.3 DEVIATION FROM TEST STANDARD	21
5.4 TEST SETUP	21
5.5 EUT OPERATING CONDITIONS	21
5.6 TEST RESULT	21
6 OUTPUT POWER TEST	22
6.1 LIMIT	22
6.2 TEST PROCEDURE	22
6.3 DEVIATION FROM TEST STANDARD	22
6.4 TEST SETUP	22
6.5 EUT OPERATING CONDITIONS	22
6.6 TEST RESULT	22
7 POWER SPECTRAL DENSITY	23
7.1 LIMIT	23
7.2 TEST PROCEDURE	23
7.3 DEVIATION FROM TEST STANDARD	23
7.4 TEST SETUP	23
7.5 EUT OPERATING CONDITIONS	23
7.6 TEST RESULT	23

8	ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST	24
8.1	LIMIT	24
8.2	TEST PROCEDURE	24
8.3	DEVIATION FROM TEST STANDARD	24
8.4	TEST SETUP	24
8.5	EUT OPERATING CONDITIONS	24
8.6	TEST RESULT	24
9	LIST OF MEASURING EQUIPMENTS	25
10	EUT TEST PHOTO	27
11	EUT PHOTOS	27
APPENDIX A	AC POWER LINE CONDUCTED EMISSIONS	28
APPENDIX B	RADIATED EMISSIONS - 9 KHZ TO 30 MHZ	33
APPENDIX C	RADIATED EMISSIONS - 30 MHZ TO 1 GHZ	38
APPENDIX D	RADIATED EMISSIONS - ABOVE 1 GHZ	41
APPENDIX E	BANDWIDTH	140
APPENDIX F	OUTPUT POWER	165
APPENDIX G	POWER SPECTRAL DENSITY	176
APPENDIX H	ANTENNA CONDUCTED SPURIOUS EMISSIONS	189

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2402G042	R00	Original Report.	2024/7/23	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

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

NOTE:

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

1.1 TEST FACILITY

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

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

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

☐ C05 ☐ CB08 ☐ CB11 ☐ SR10 ☒ SR11

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

☐ CB12 ☒ SR05

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 %**.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
SR05	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

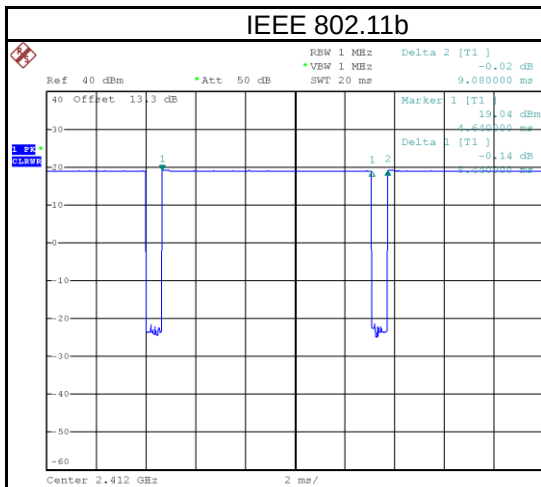
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25 °C, 49 %	AC 120V	Easton Tsai
Radiated emissions below 1 GHz	Refer to data	AC 120V	Sean Huang
Radiated emissions above 1 GHz	Refer to data	AC 120V	Sean Huang Mark Wang
Bandwidth	23 °C, 56 %	AC 120V	Easton Tsai
Output Power	23 °C, 56 %	AC 120V	Easton Tsai
Power Spectral Density	23 °C, 56 %	AC 120V	Easton Tsai
Antenna conducted Spurious Emission	23 °C, 56 %	AC 120V	Easton Tsai

1.4 DUTY CYCLE

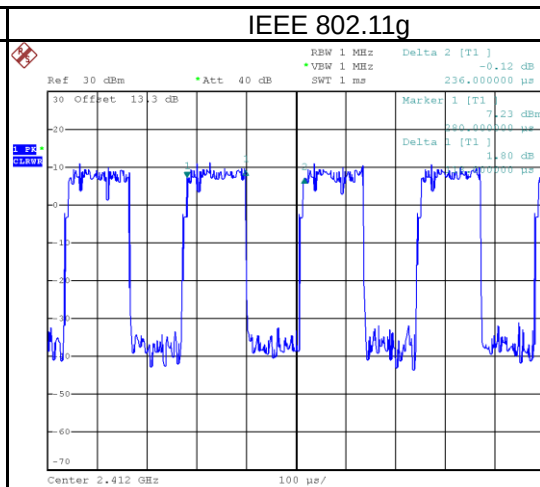
If duty cycle is $\geq 98\%$, duty factor is not required.

If duty cycle is $< 98\%$, duty factor shall be considered.

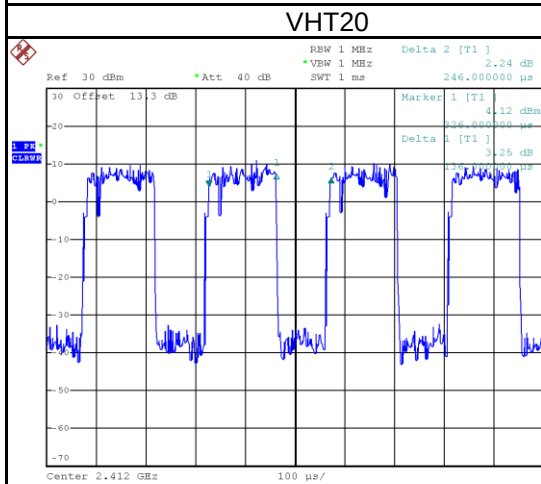
Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	8.440	1	8.440	9.080	92.95%	0.32
IEEE 802.11g	0.118	1	0.118	0.236	50.00%	3.01
VHT20	0.136	1	0.136	0.246	55.28%	2.57
VHT40	0.106	1	0.106	0.220	48.18%	3.17
IEEE 802.11ax (HE20)	0.308	1	0.308	0.350	88.00%	0.56
IEEE 802.11ax (HE40)	0.268	1	0.268	0.344	77.91%	1.08



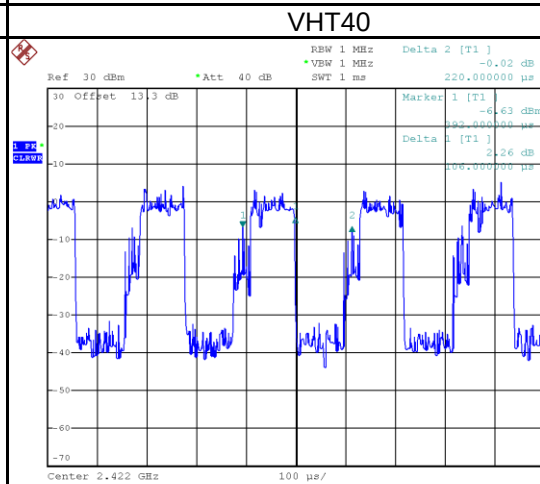
Date: 7.MAY.2024 18:04:49



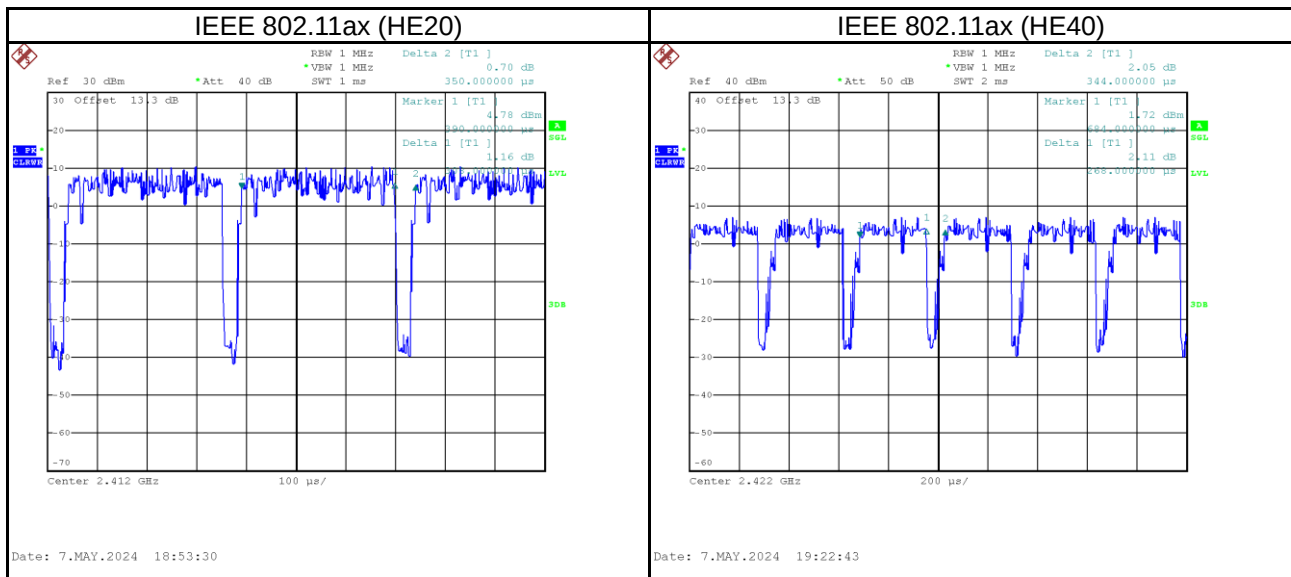
Date: 7.MAY.2024 18:13:11



Date: 7.MAY.2024 18:28:49



Date: 7.MAY.2024 19:25:13



2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	AXE5400 Tri-Band Wi-Fi 6E Gaming Router
Model Name	Archer GXE75
Brand Name	tp-link
Model Difference	N/A
Power Source	DC voltage supplied from AC Adapter.
Power Rating	I/P: 100-240V~, 50/60Hz, 0.8A O/P: 12.0V — 2.5A
Products Covered	1 * Adapter: MASS POWER / NBS30D120250VU 1 * LAN Cable
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 866.7 Mbps
Output Power Max. - Non-Beamforming mode	IEEE 802.11b: 27.57 dBm (0.5717 W) IEEE 802.11g: 27.64 dBm (0.5807 W) VHT20: 27.69 dBm (0.5869 W) VHT40: 25.72 dBm (0.3733 W) IEEE 802.11ax (HE20): 27.96 dBm (0.6252 W) IEEE 802.11ax (HE40): 25.76 dBm (0.3763 W)
Output Power Max. - Beamforming mode	VHT20: 27.28 dBm (0.5341 W) VHT40: 25.30 dBm (0.3389 W) IEEE 802.11ax (HE20): 27.54 dBm (0.5669 W) IEEE 802.11ax (HE40): 25.33 dBm (0.3409 W)
Operating Software	Access Manual Tool 3.2.1.2
Test Model	Archer GXE75
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

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

(2) Channel List:

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

(3) Table for Filed Antenna:

Ant	Manufacturer	Product Model	Antenna Type	Connector	Frequency (MHz)	Gain (dBi)
3	TP-LINK CORPORATION PTE. LTD.	Archer GXE75	Dipole	I-PEX	2400~2500	2.77
4	TP-LINK CORPORATION PTE. LTD.	Archer GXE75	Dipole	I-PEX	2400~2500	2.89

NOTE:

- The EUT incorporates a CDD function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
- For Power Spectral Density:
 $\text{Directional Gain} = 10 \log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / N_{\text{ANT}}] = 5.84 \text{ dBi} < 6 \text{ dBi}.$
The Direction gain is less than 6 dBi, so power spectral density limits will not be reduced.
- For Output Power:
For $N_{\text{ANT}} = 2 < 5$,
 $\text{Direction gain} = G_{\text{ANT}} + 0 = 2.89 + 0 = 2.89 \text{ dBi}.$
The Direction gain is less than 6 dBi, so output power limits will not be reduced.
- For Beamforming mode:
Beamforming gain is 3. Then the Directional gain = $3 + 2.89 = 5.89 < 6 \text{ dBi}.$
The Direction gain is less than 6 dBi, so output power limits will not be reduced.

- 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 (Ant 3+Ant 4)
IEEE 802.11g		V (Ant 3+Ant 4)
IEEE 802.11n (HT20)		V (Ant 3+Ant 4)
IEEE 802.11n (HT40)		V (Ant 3+Ant 4)
IEEE 802.11ax (HE20)		V (Ant 3+Ant 4)
IEEE 802.11ax (HE40)		V (Ant 3+Ant 4)

2.2 TEST MODES

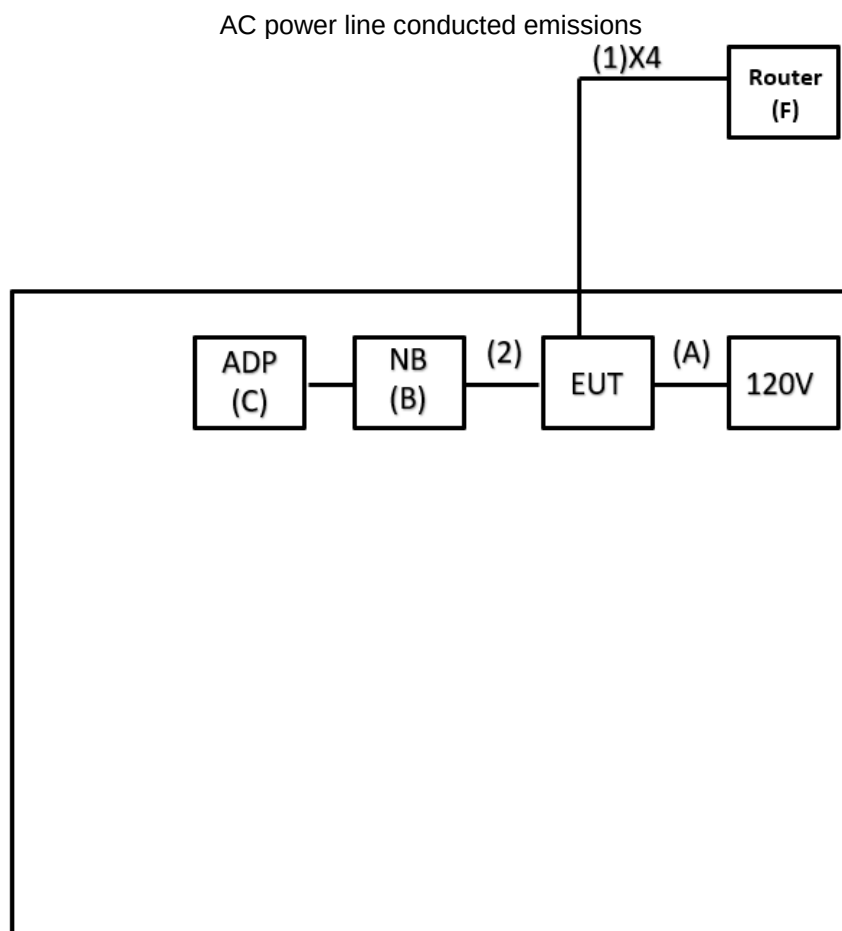
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_ IEEE 802.11b	06	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_ IEEE 802.11b	01/02/10/11	Bandedge
	TX Mode_ IEEE 802.11g		
	VHT20		
	TX Mode_ IEEE 802.11ax (HE20)		
	VHT40	03/04/08/09	
	TX Mode_ IEEE 802.11ax (HE40)		
Transmitter Radiated Emissions (above 1GHz)	TX Mode_ IEEE 802.11b	01/02/06/07/10/11	Harmonic
	TX Mode_ IEEE 802.11g		
	VHT20		
	TX Mode_ IEEE 802.11ax (HE20)		
	VHT40	03/04/06/07/08/09	
	TX Mode_ IEEE 802.11ax (HE40)		
Transmitter Radiated Emissions (above 18GHz)	TX Mode_ IEEE 802.11b	06	-
Bandwidth & Output Power & Power Spectral Density & Antenna conducted Spurious Emission	TX Mode_ IEEE 802.11b	01/02/06/07/10/11	-
	TX Mode_ IEEE 802.11g		
	VHT20		
	TX Mode_ IEEE 802.11ax (HE20)		
	VHT40	03/04/06/07/08/09	
	TX Mode_ IEEE 802.11ax (HE40)		
Output Power	VHT20	01/02/06/07/10/11	Beamforming mode
	TX Mode_ IEEE 802.11ax (HE20)		
	VHT40	03/04/06/07/08/09	
	TX Mode_ IEEE 802.11ax (HE40)		

NOTE:

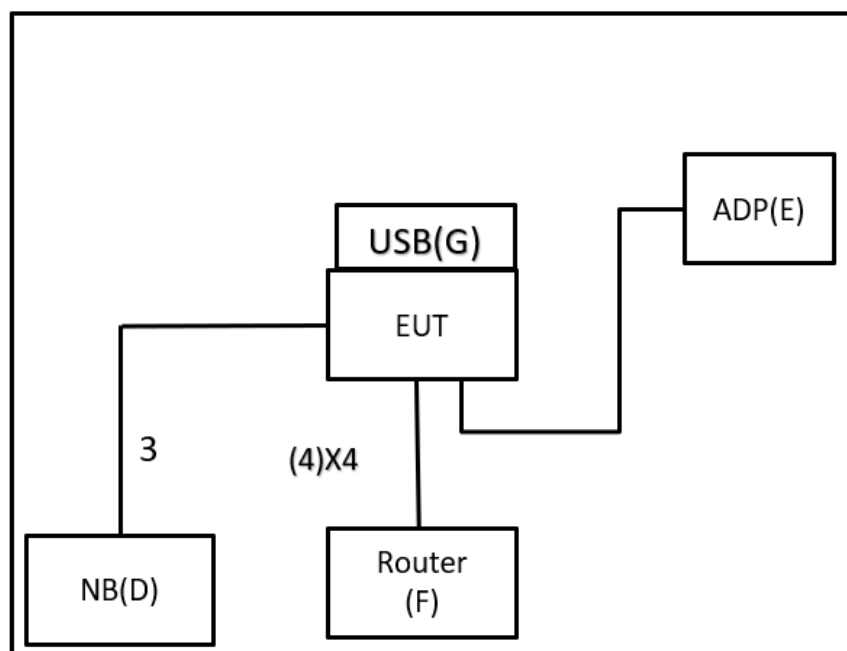
- (1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (2) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
- (3) VHT20 & VHT40 mode is worse than IEEE 802.11n (HT20) & IEEE 802.11n (HT40) mode, so we select VHT20 & VHT40 mode for the test.
- (4) For IEEE 802.11ax modes, refer to TCB Workshop presentations on October 3, 2018, after evaluated, all testing are performed under fully loaded conditions (Full RU). In the test data, only the partially loaded conditions data are marked with tones.

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	ADP	MASS POWER	NBS30D120250VU	N/A	Supplied by test requester
B	NB	HP	N/A	N/A	Furnished by test lab.
C	ADP	HP	N/A	N/A	Furnished by test lab.
D	NB	HP	TPN-I119	N/A	Furnished by test lab.
E	ADP	MASS POWER	NBS30D120250VU	N/A	Supplied by test requester
F	Router	tp-link	Archer C64	N/A	Furnished by test lab.
G	USB	ADATA	UV150	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	No	No	5m	LAN CABLE	Furnished by test lab.
2	No	No	1.2m	LAN CABLE	Furnished by test lab.
3	No	No	1.2m	LAN CABLE	Supplied by test requester
4	No	No	1m	LAN CABLE	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

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

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

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

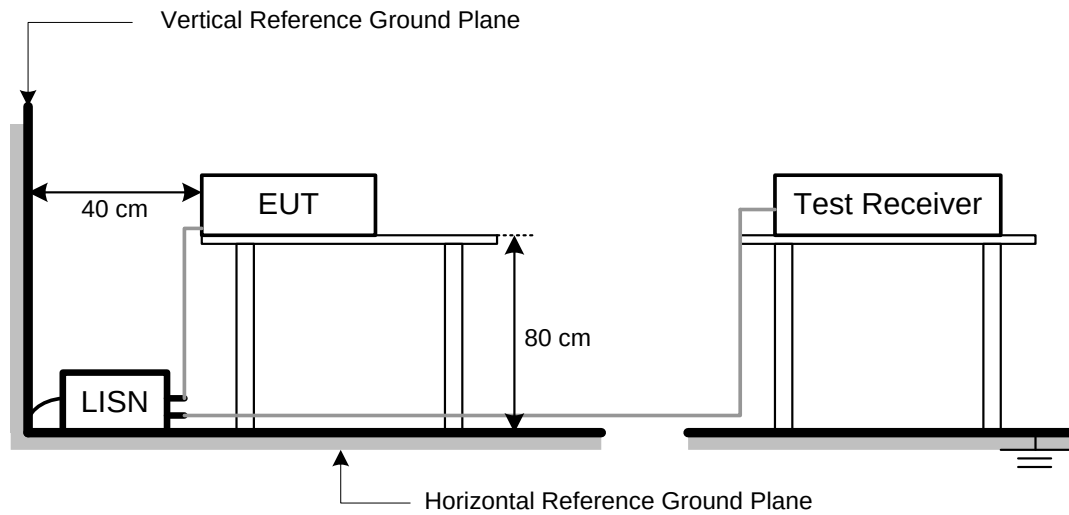
NOTE:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

NOTE:

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

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

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

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

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

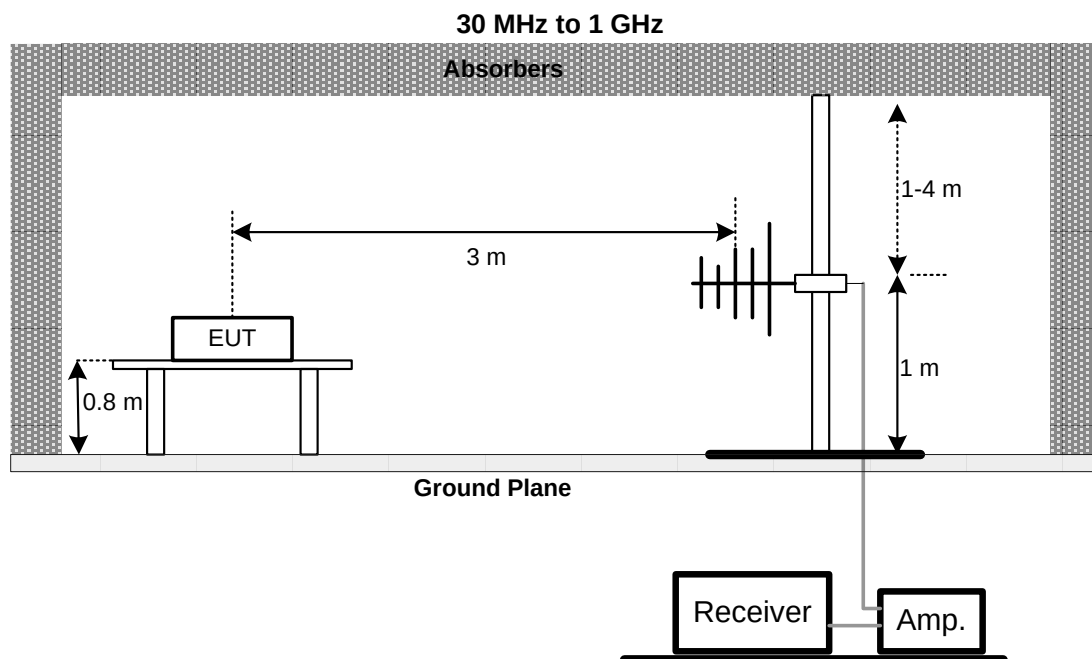
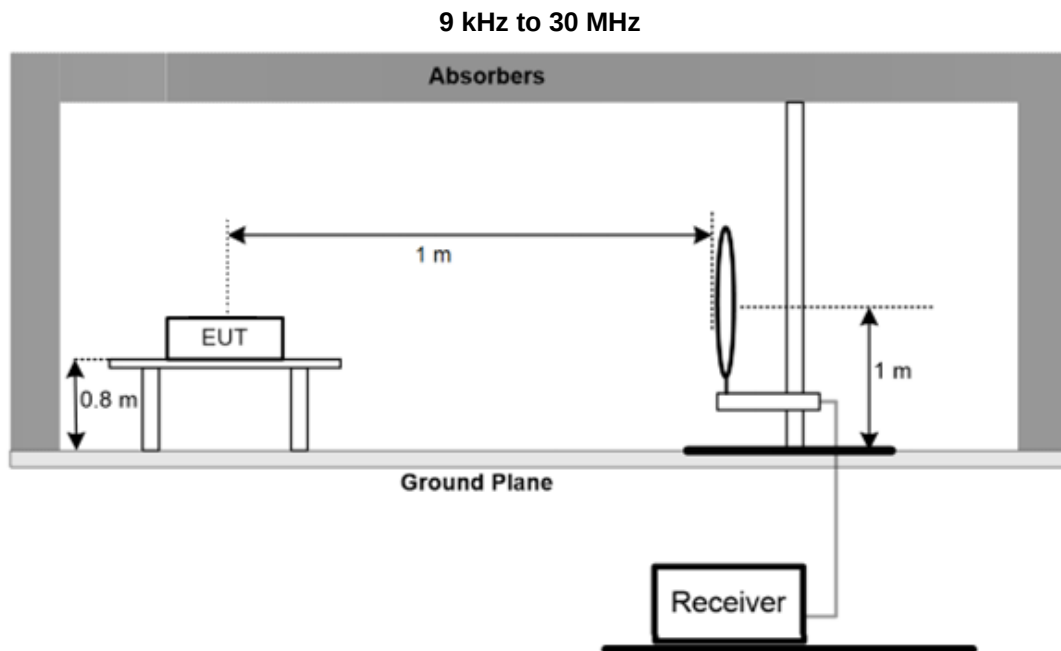
4.2 TEST PROCEDURE

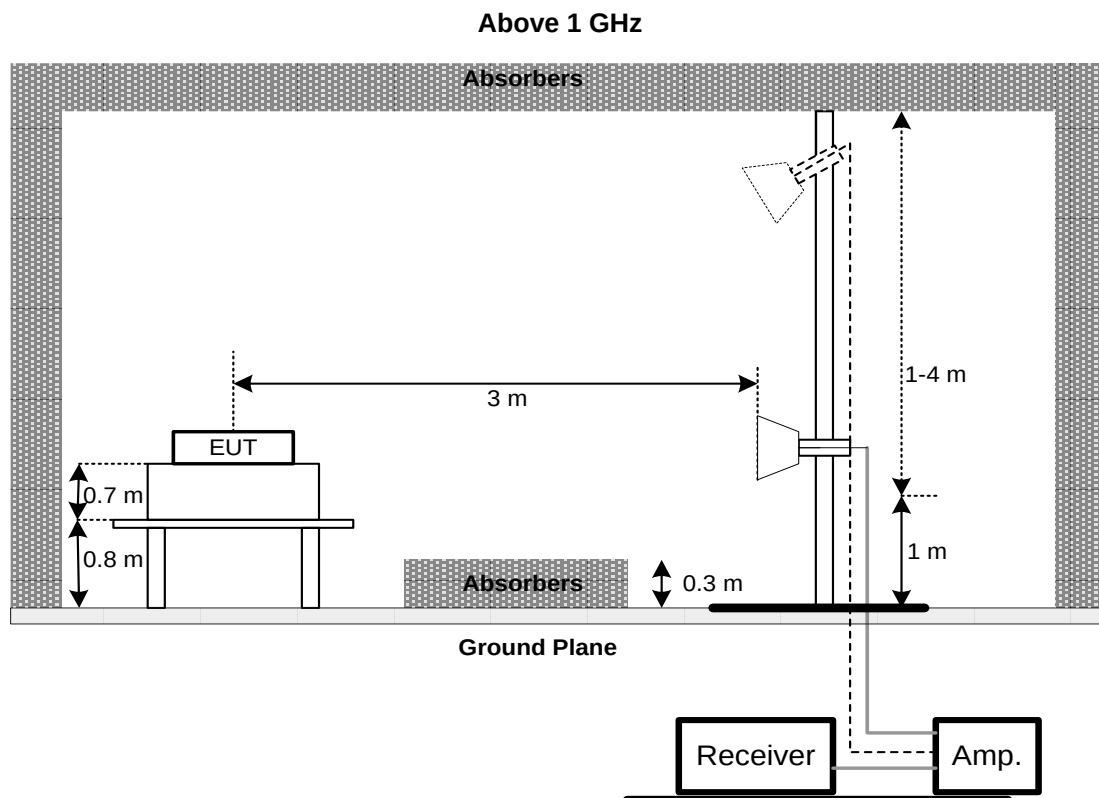
- The measuring distance of 1 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 30MHz)
- The measuring distance 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 – 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX D.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

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

5.2 TEST PROCEDURE

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX E.

6 OUTPUT POWER TEST

6.1 LIMIT

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

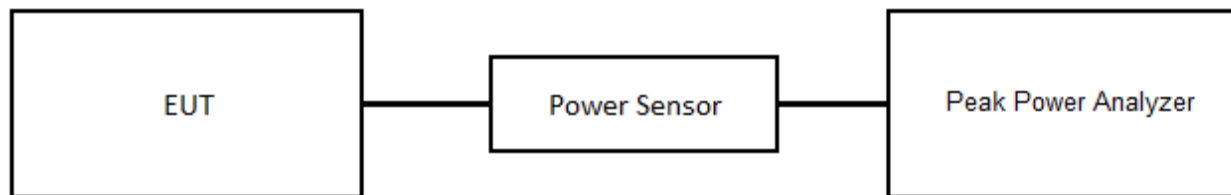
6.2 TEST PROCEDURE

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

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX F.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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

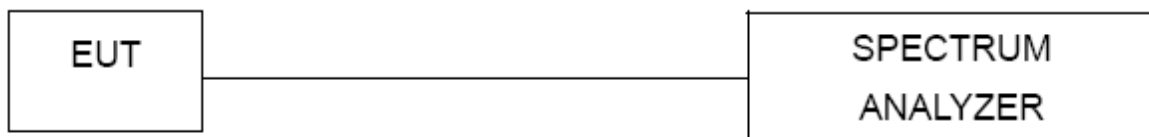
7.2 TEST PROCEDURE

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

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX G.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

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

8.2 TEST PROCEDURE

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

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX H.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101497	2023/5/18	2024/5/17
2	Test Cable	EMCI	EMC400-BM-BM-5000	170501	2023/8/1	2024/7/31
3	EMI Test Receiver	R&S	ESR3	102950	2024/4/12	2025/4/11
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2023/9/6	2024/9/5
2	Preamplifier	EMCI	EMC118A45SE	980819	2024/3/6	2025/3/5
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2023/9/21	2024/9/20
4	Preamplifier	EMCI	EMC001340	980579	2023/9/6	2024/9/5
5	Test Cable	EMCI	EMC104-SM-1000	180809	2024/3/8	2025/3/7
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2024/3/8	2025/3/7
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2024/3/8	2025/3/7
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2023/9/12	2024/9/11
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2024/5/9	2025/5/8
11	Horn Ant	Schwarzbeck	BBHA 9170	1136	2023/6/28	2024/6/27
12	TRILOG Broadband Antenna	Schwarzbeck	VULB9168	1371	2023/8/8	2024/8/7
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-N0625	2023/8/8	2024/8/7
14	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2024/3/13	2025/3/12
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2024/3/13	2025/3/12
16	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2024/5/9	2025/5/8
17	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2024/3/8	2025/3/7

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Peak Power Analyzer	Keysight	8990B	MY51000517	2024/3/12	2025/3/11
2	Power Sensor	Keysight	N1923A	MY58310005	2024/3/12	2025/3/11

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2024/3/8	2025/3/7

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2024/3/8	2025/3/7

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

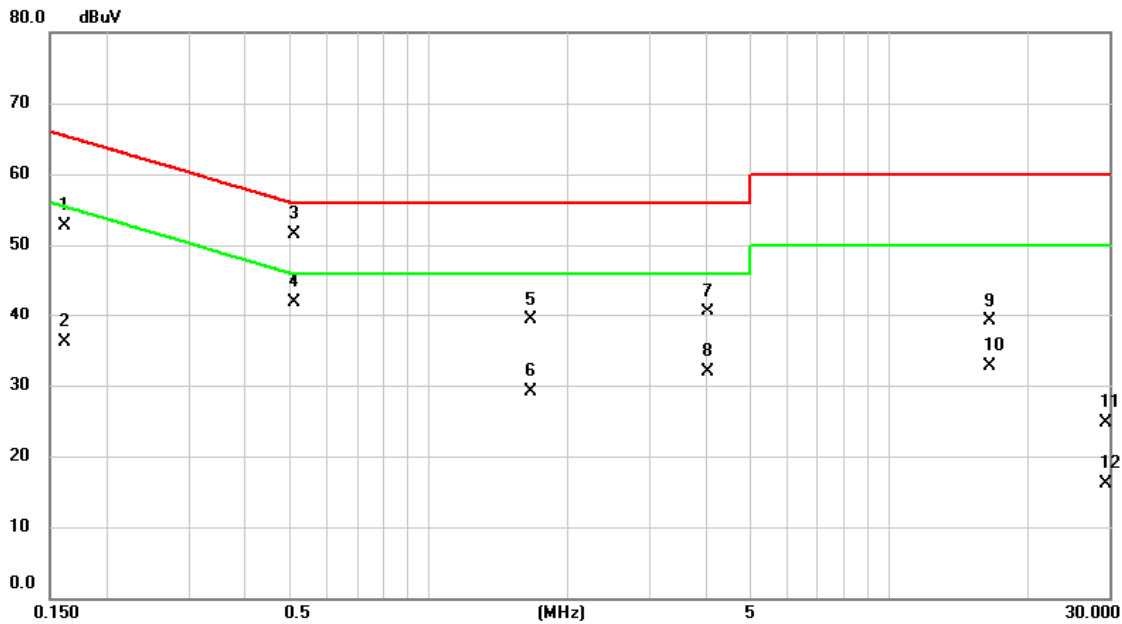
Please refer to document Appendix No.: TP-2402G042-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2402G042-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2024/5/7
Test Frequency	-	Phase	Line



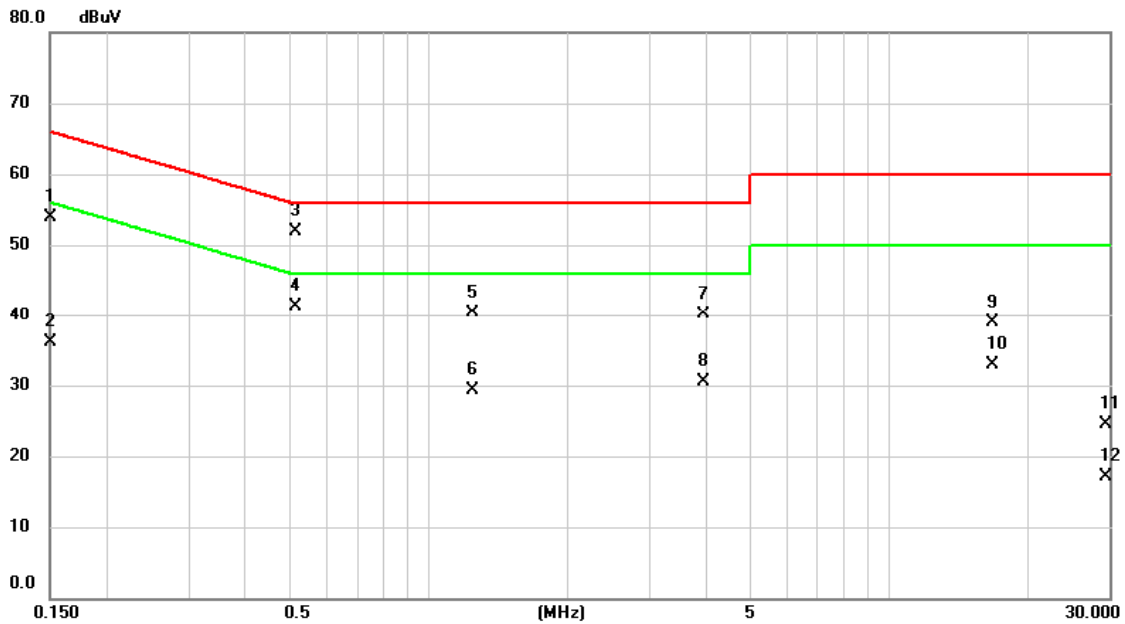
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1612	42.95	9.80	52.75	65.40	-12.65	QP	
2		0.1612	26.27	9.80	36.07	55.40	-19.33	AVG	
3		0.5122	41.77	9.76	51.53	56.00	-4.47	QP	
4	*	0.5122	32.07	9.76	41.83	46.00	-4.17	AVG	
5		1.6642	29.56	9.77	39.33	56.00	-16.67	QP	
6		1.6642	19.34	9.77	29.11	46.00	-16.89	AVG	
7		4.0245	30.74	9.79	40.53	56.00	-15.47	QP	
8		4.0245	22.17	9.79	31.96	46.00	-14.04	AVG	
9		16.5006	28.95	10.07	39.02	60.00	-20.98	QP	
10		16.5006	22.56	10.07	32.63	50.00	-17.37	AVG	
11		29.4000	14.65	9.98	24.63	60.00	-35.37	QP	
12		29.4000	6.15	9.98	16.13	50.00	-33.87	AVG	

REMARKS:

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

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

Test Mode	Normal	Tested Date	2024/5/7
Test Frequency	-	Phase	Neutral



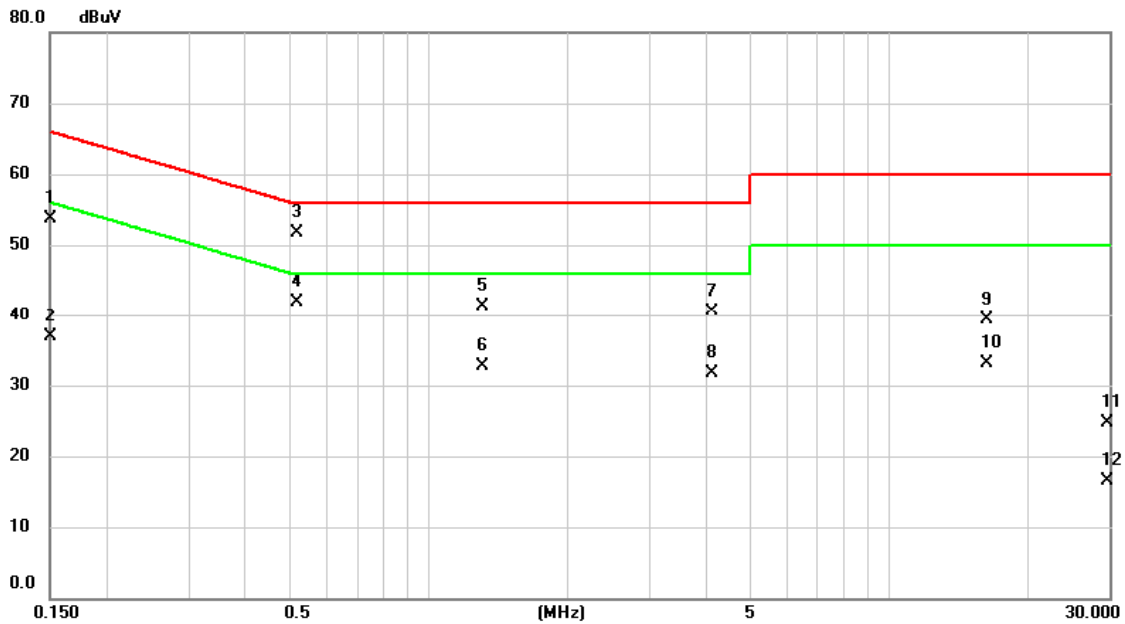
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	44.12	9.76	53.88	66.00	-12.12	QP	
2		0.1500	26.40	9.76	36.16	56.00	-19.84	AVG	
3	*	0.5144	42.21	9.75	51.96	56.00	-4.04	QP	
4		0.5144	31.61	9.75	41.36	46.00	-4.64	AVG	
5		1.2480	30.55	9.77	40.32	56.00	-15.68	QP	
6		1.2480	19.63	9.77	29.40	46.00	-16.60	AVG	
7		3.9458	30.26	9.76	40.02	56.00	-15.98	QP	
8		3.9458	20.80	9.76	30.56	46.00	-15.44	AVG	
9		16.7685	28.80	10.18	38.98	60.00	-21.02	QP	
10		16.7685	22.64	10.18	32.82	50.00	-17.18	AVG	
11		29.4833	14.18	10.26	24.44	60.00	-35.56	QP	
12		29.4833	6.79	10.26	17.05	50.00	-32.95	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2024/5/7
Test Frequency	-	Phase	Line



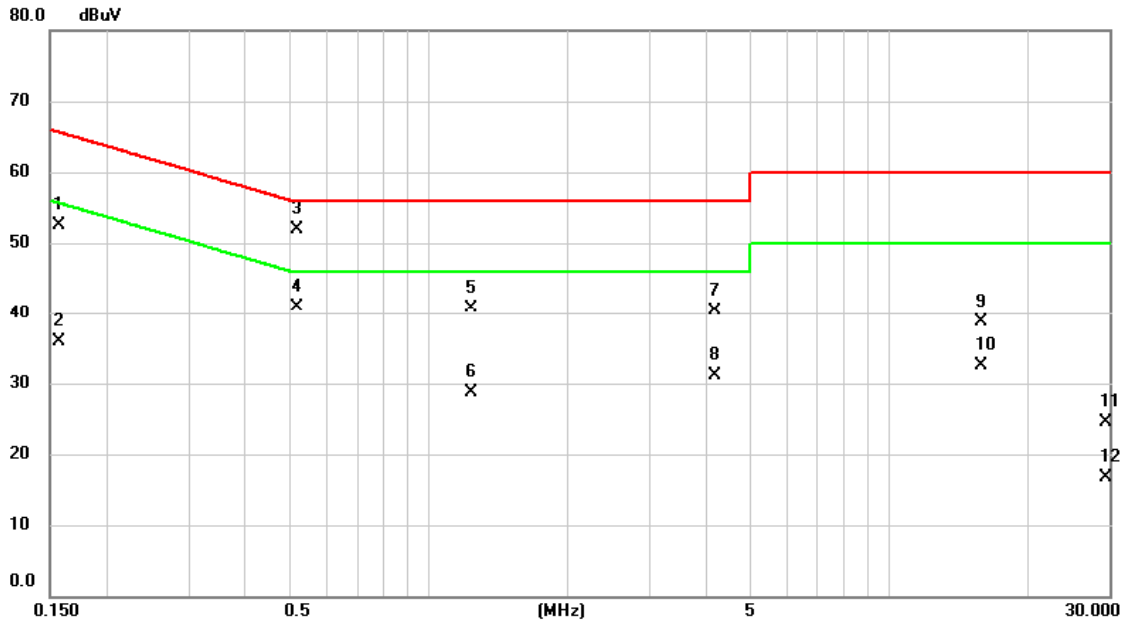
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1508	43.90	9.80	53.70	65.96	-12.26	QP	
2		0.1508	27.11	9.80	36.91	55.96	-19.05	AVG	
3		0.5167	41.95	9.76	51.71	56.00	-4.29	QP	
4	*	0.5167	32.23	9.76	41.99	46.00	-4.01	AVG	
5		1.3110	31.59	9.78	41.37	56.00	-14.63	QP	
6		1.3110	22.96	9.78	32.74	46.00	-13.26	AVG	
7		4.1100	30.72	9.79	40.51	56.00	-15.49	QP	
8		4.1100	21.86	9.79	31.65	46.00	-14.35	AVG	
9		16.2285	29.27	10.05	39.32	60.00	-20.68	QP	
10		16.2285	23.07	10.05	33.12	50.00	-16.88	AVG	
11		29.5913	14.69	9.97	24.66	60.00	-35.34	QP	
12		29.5913	6.60	9.97	16.57	50.00	-33.43	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2024/5/7
Test Frequency	-	Phase	Neutral



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1568	42.69	9.77	52.46	65.63	-13.17	QP	
2	0.1568	26.13	9.77	35.90	55.63	-19.73	AVG	
3 *	0.5190	42.21	9.75	51.96	56.00	-4.04	QP	
4	0.5190	31.24	9.75	40.99	46.00	-5.01	AVG	
5	1.2323	30.95	9.77	40.72	56.00	-15.28	QP	
6	1.2323	18.86	9.77	28.63	46.00	-17.37	AVG	
7	4.1640	30.50	9.77	40.27	56.00	-15.73	QP	
8	4.1640	21.30	9.77	31.07	46.00	-14.93	AVG	
9	15.7898	28.67	10.13	38.80	60.00	-21.20	QP	
10	15.7898	22.39	10.13	32.52	50.00	-17.48	AVG	
11	29.5080	14.31	10.26	24.57	60.00	-35.43	QP	
12	29.5080	6.50	10.26	16.76	50.00	-33.24	AVG	

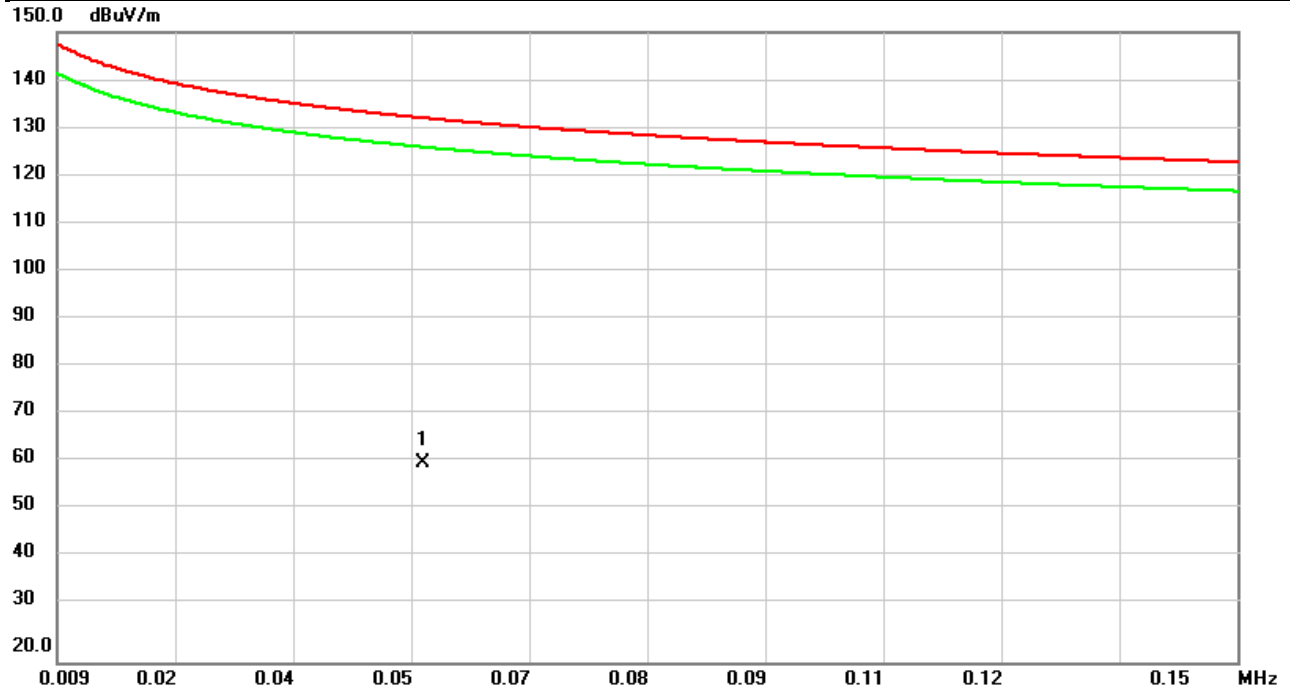
REMARKS:

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

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

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	66%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0527	37.95	23.01	60.96	132.25	-71.29	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	66%

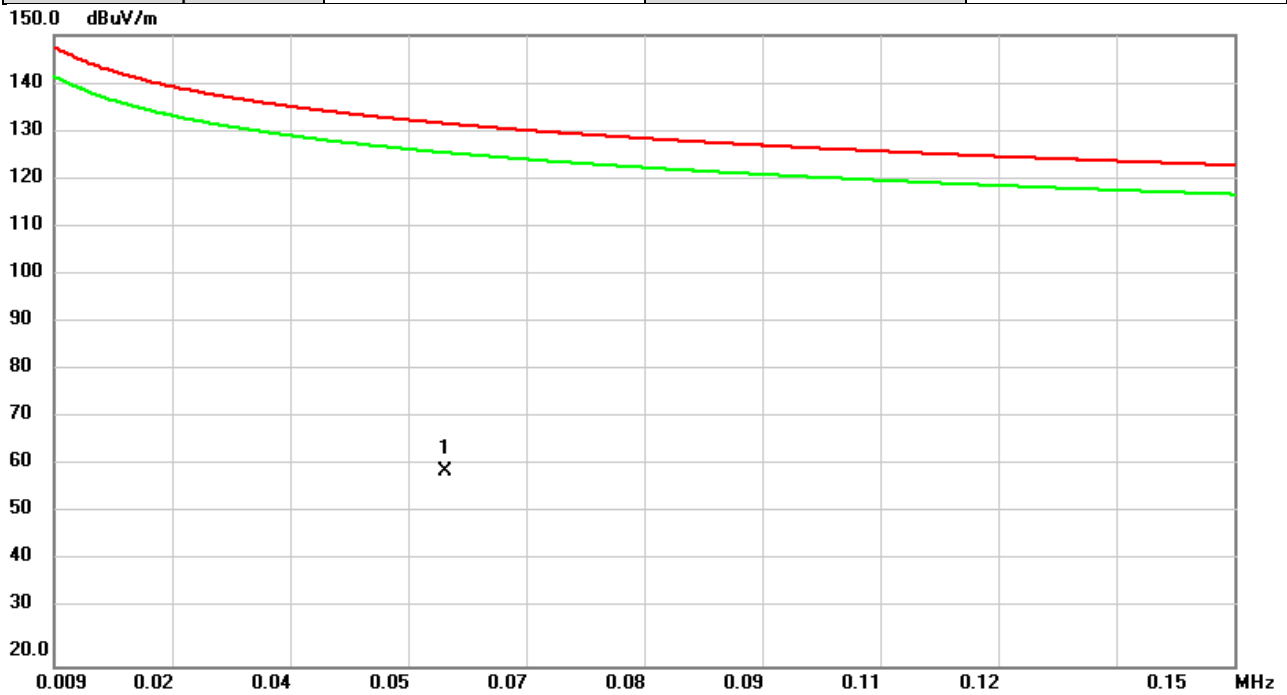


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.7470	77.24	3.10	80.34	89.21	-8.87	QP	
2		1.4932	74.22	-0.42	73.80	83.19	-9.39	QP	
3		2.1500	70.50	-2.04	68.46	88.62	-20.16	QP	
4		4.7470	61.24	-4.33	56.91	88.62	-31.71	QP	
5		16.2093	50.14	-3.75	46.39	88.62	-42.23	QP	
6		24.5076	50.49	-1.95	48.54	88.62	-40.08	QP	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	66%

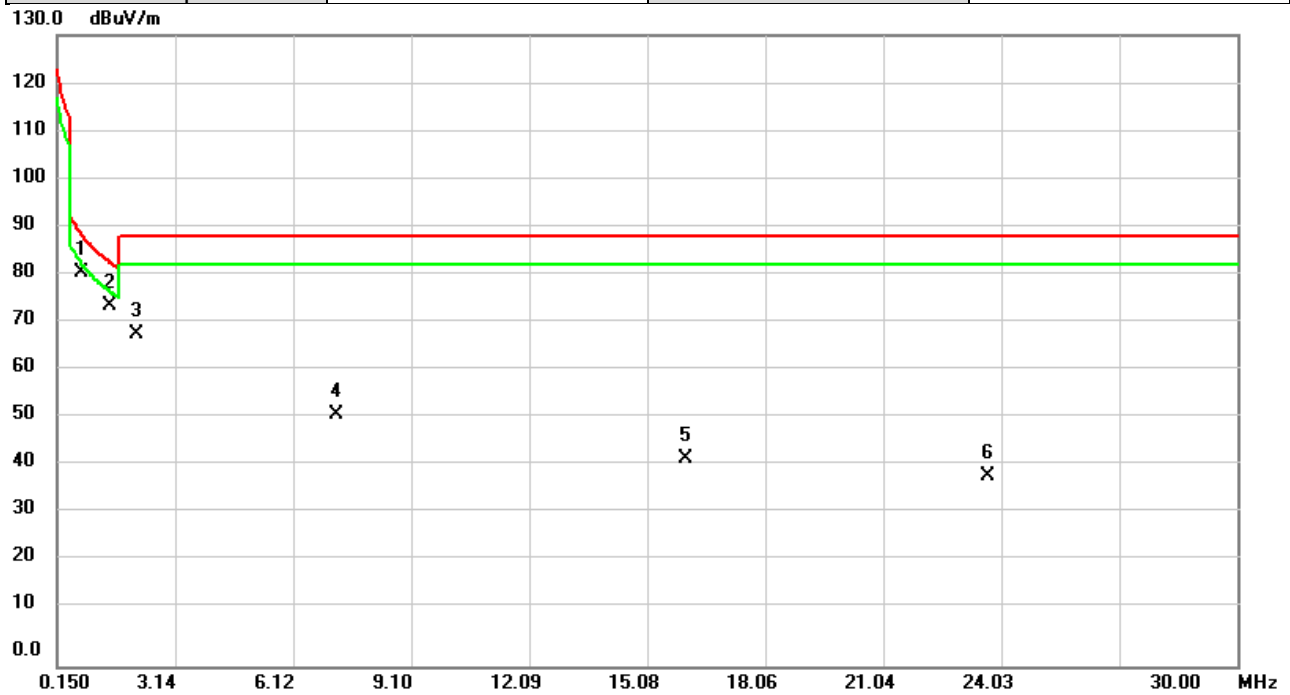


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0558	37.60	22.59	60.19	131.75	-71.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	66%



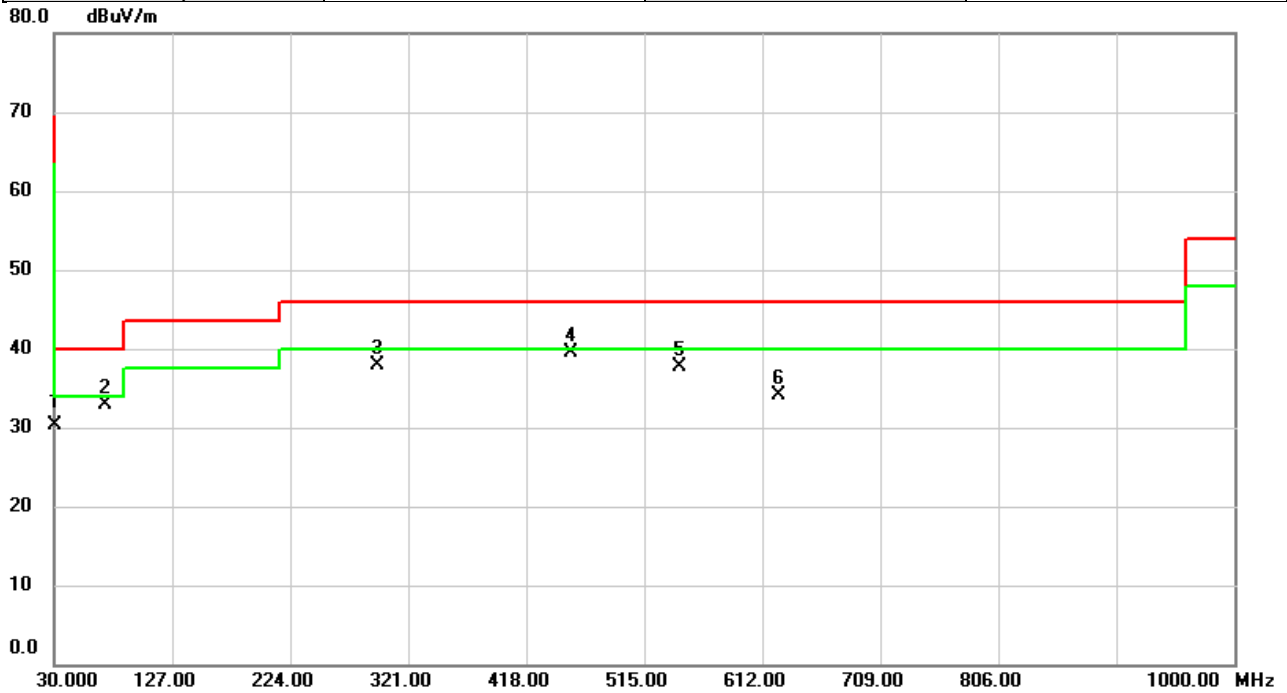
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.7470	77.85	3.10	80.95	89.21	-8.26	QP	
2		1.4932	74.71	-0.42	74.29	83.19	-8.90	QP	
3		2.1500	70.51	-2.04	68.47	88.62	-20.15	QP	
4		7.1946	55.63	-3.86	51.77	88.62	-36.85	QP	
5		16.0302	46.55	-3.73	42.82	88.62	-45.80	QP	
6		23.7017	41.61	-2.33	39.28	88.62	-49.34	QP	

REMARKS:

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

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11b	Test Date	2024-5-13
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	66%

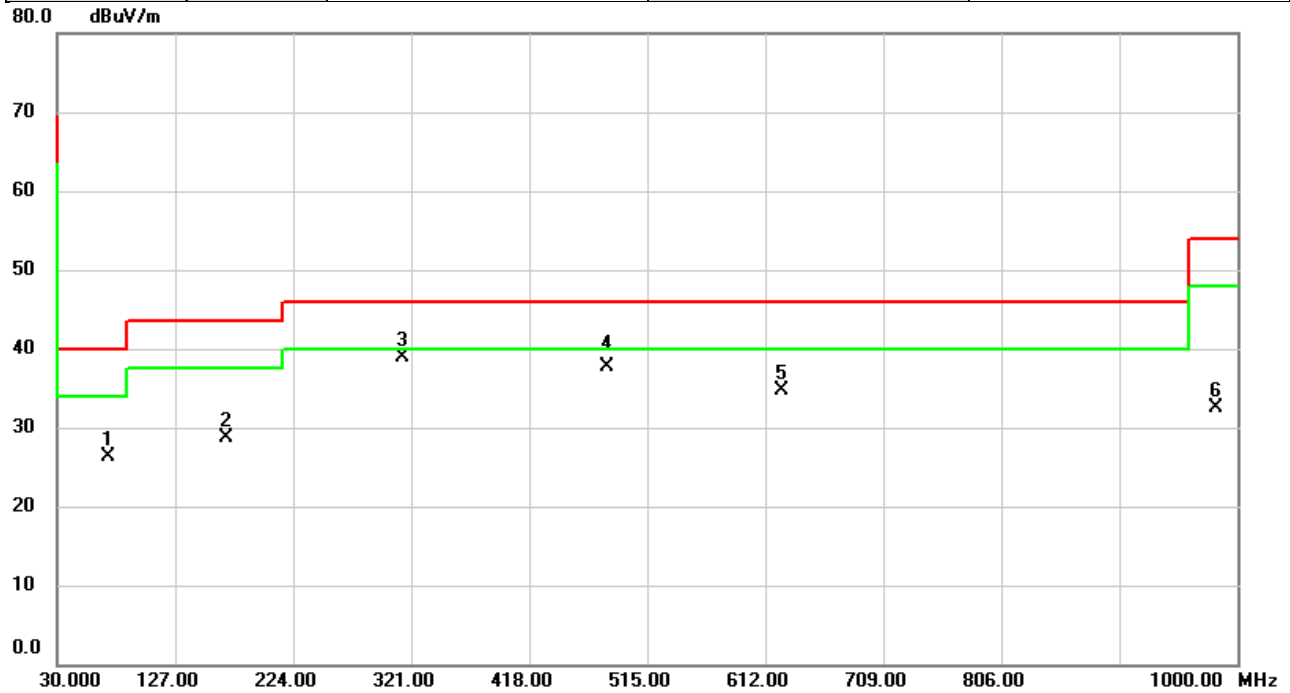


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		30.0000	44.40	-14.06	30.34	40.00	-9.66	QP	
2		72.2273	48.68	-15.80	32.88	40.00	-7.12	peak	
3		295.9417	50.26	-12.41	37.85	46.00	-8.15	peak	
4	*	455.0863	47.63	-8.12	39.51	46.00	-6.49	peak	
5		544.5850	44.45	-6.75	37.70	46.00	-8.30	peak	
6		625.0303	38.91	-4.78	34.13	46.00	-11.87	peak	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024-5-13
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	66%



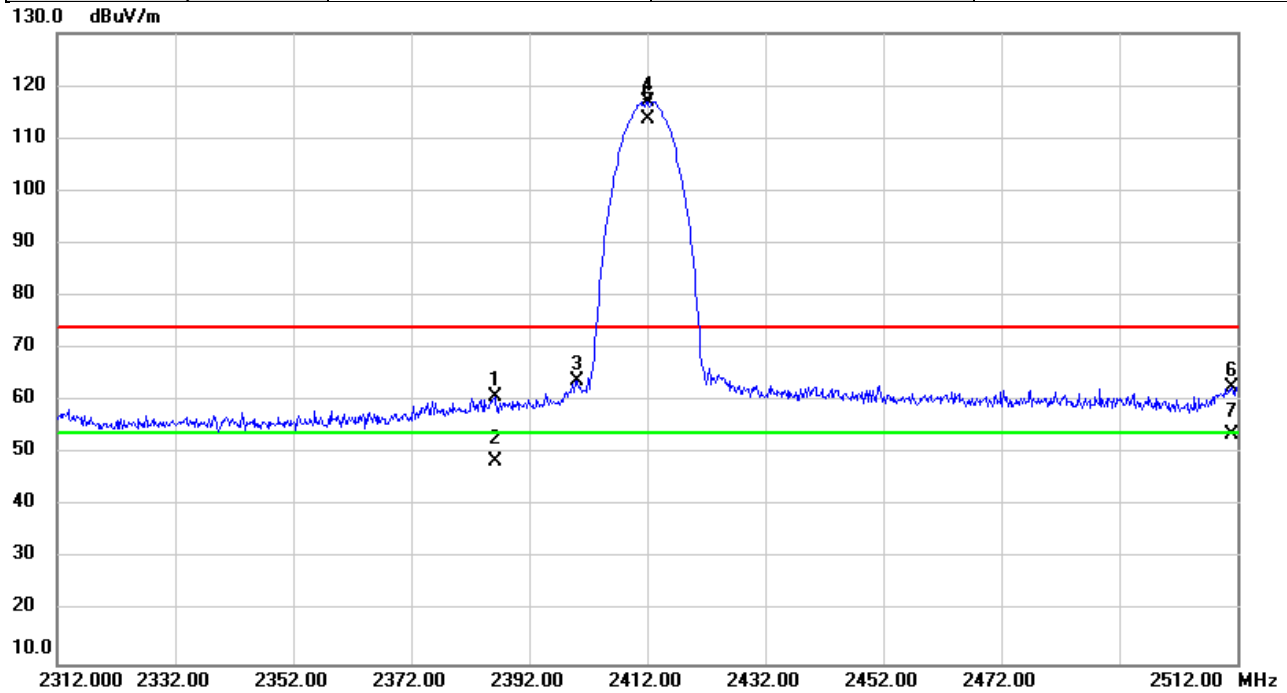
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		72.1950	42.04	-15.80	26.24	40.00	-13.76	peak	
2		169.6476	42.33	-13.65	28.68	43.50	-14.82	peak	
3	*	313.2400	50.86	-12.02	38.84	46.00	-7.16	peak	
4		482.5050	45.36	-7.72	37.64	46.00	-8.36	QP	
5		624.9980	39.56	-4.78	34.78	46.00	-11.22	peak	
6		982.1843	32.37	0.22	32.59	54.00	-21.41	peak	

REMARKS:

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

APPENDIX D RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	IEEE 802.11b	Test Date	2024/5/21
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

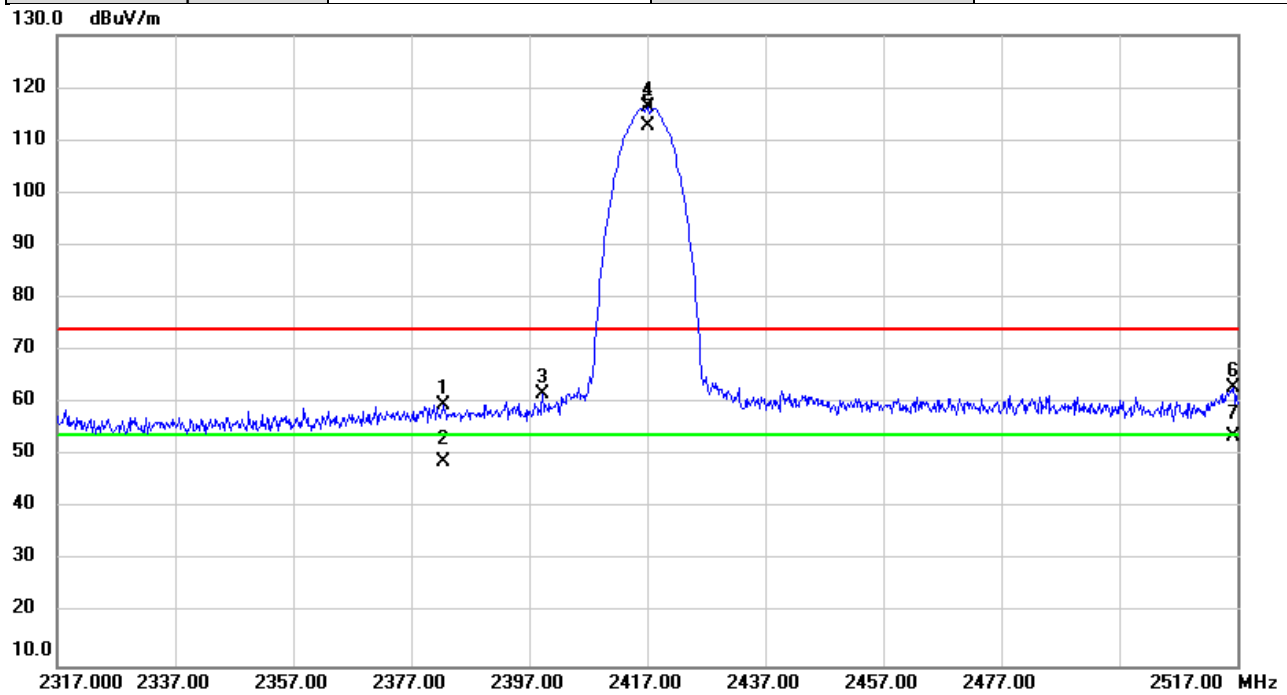


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.160	65.80	-5.01	60.79	74.00	-13.21	peak	
2		2386.160	53.54	-5.01	48.53	54.00	-5.47	AVG	
3		2400.000	68.74	-4.99	63.75	74.00	-10.25	peak	No Limit
4	X	2412.000	122.06	-4.97	117.09	74.00	43.09	peak	No Limit
5	*	2412.000	118.56	-4.97	113.59	54.00	59.59	AVG	No Limit
6		2511.013	67.42	-4.83	62.59	74.00	-11.41	peak	
7		2511.013	58.43	-4.83	53.60	54.00	-0.40	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/21
Test Frequency	2417MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

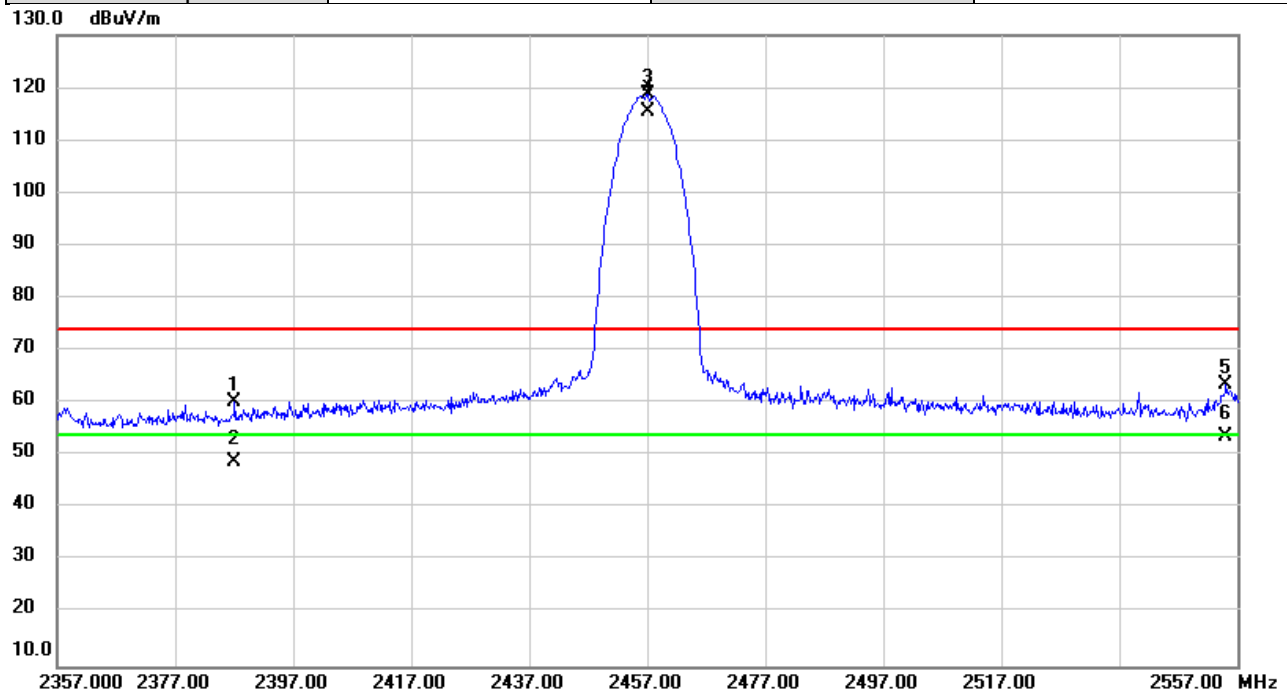


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2382.453	64.78	-5.01	59.77	74.00	-14.23	peak	
2		2382.453	53.77	-5.01	48.76	54.00	-5.24	AVG	
3		2399.340	66.72	-4.99	61.73	74.00	-12.27	peak	No Limit
4	X	2417.000	121.25	-4.97	116.28	74.00	42.28	peak	No Limit
5	*	2417.000	117.83	-4.97	112.86	54.00	58.86	AVG	No Limit
6		2516.340	67.65	-4.81	62.84	74.00	-11.16	peak	
7		2516.340	58.39	-4.81	53.58	54.00	-0.42	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/21
Test Frequency	2457MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

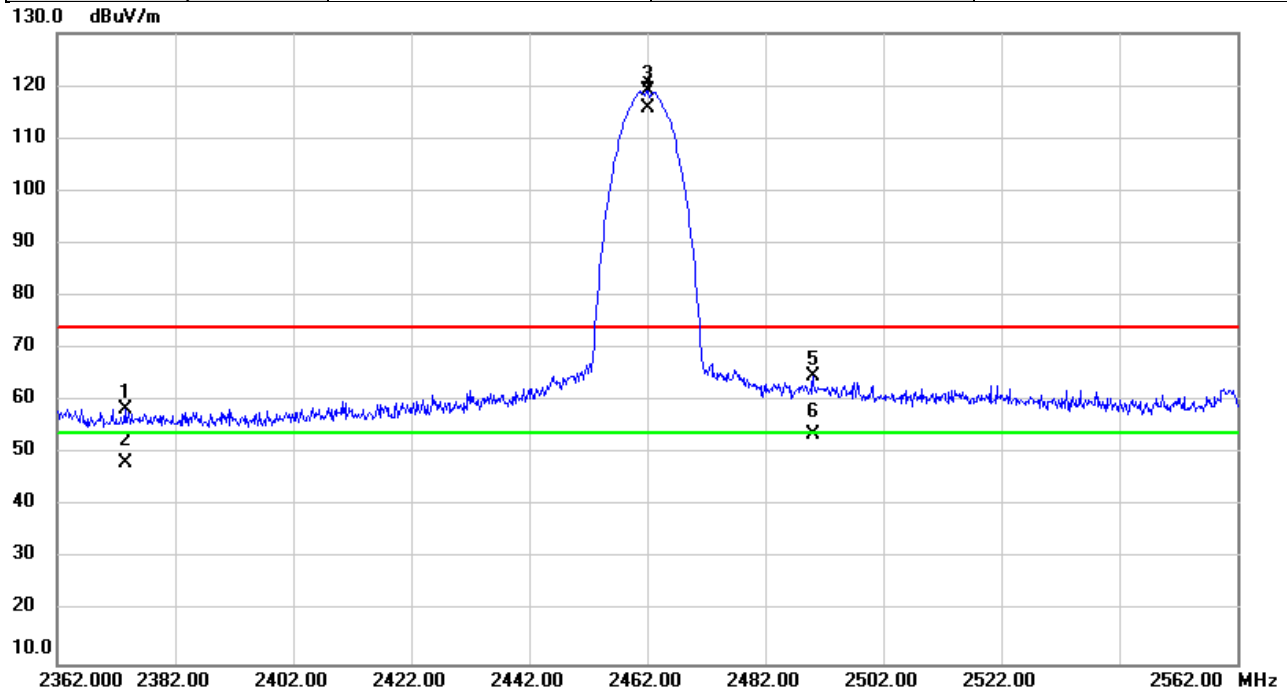


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.073	65.29	-5.01	60.28	74.00	-13.72	peak	
2		2387.073	53.74	-5.01	48.73	54.00	-5.27	AVG	
3	X	2457.000	123.60	-4.91	118.69	74.00	44.69	peak	No Limit
4	*	2457.000	120.39	-4.91	115.48	54.00	61.48	AVG	No Limit
5		2555.133	68.13	-4.71	63.42	74.00	-10.58	peak	
6		2555.133	58.36	-4.71	53.65	54.00	-0.35	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/21
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

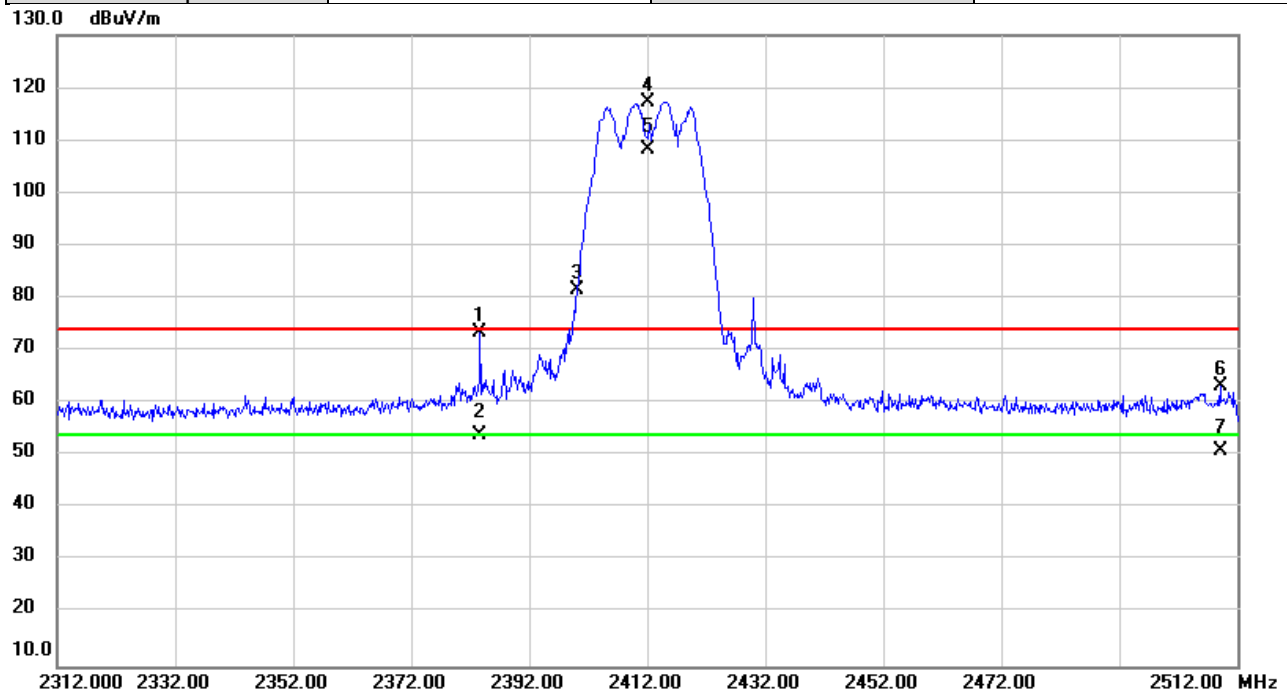


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2373.500	63.48	-5.03	58.45	74.00	-15.55	peak	
2		2373.500	53.40	-5.03	48.37	54.00	-5.63	AVG	
3	X	2462.000	123.94	-4.91	119.03	74.00	45.03	peak	No Limit
4	*	2462.000	120.71	-4.91	115.80	54.00	61.80	AVG	No Limit
5		2490.080	69.64	-4.86	64.78	74.00	-9.22	peak	
6		2490.080	58.66	-4.86	53.80	54.00	-0.20	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/21
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

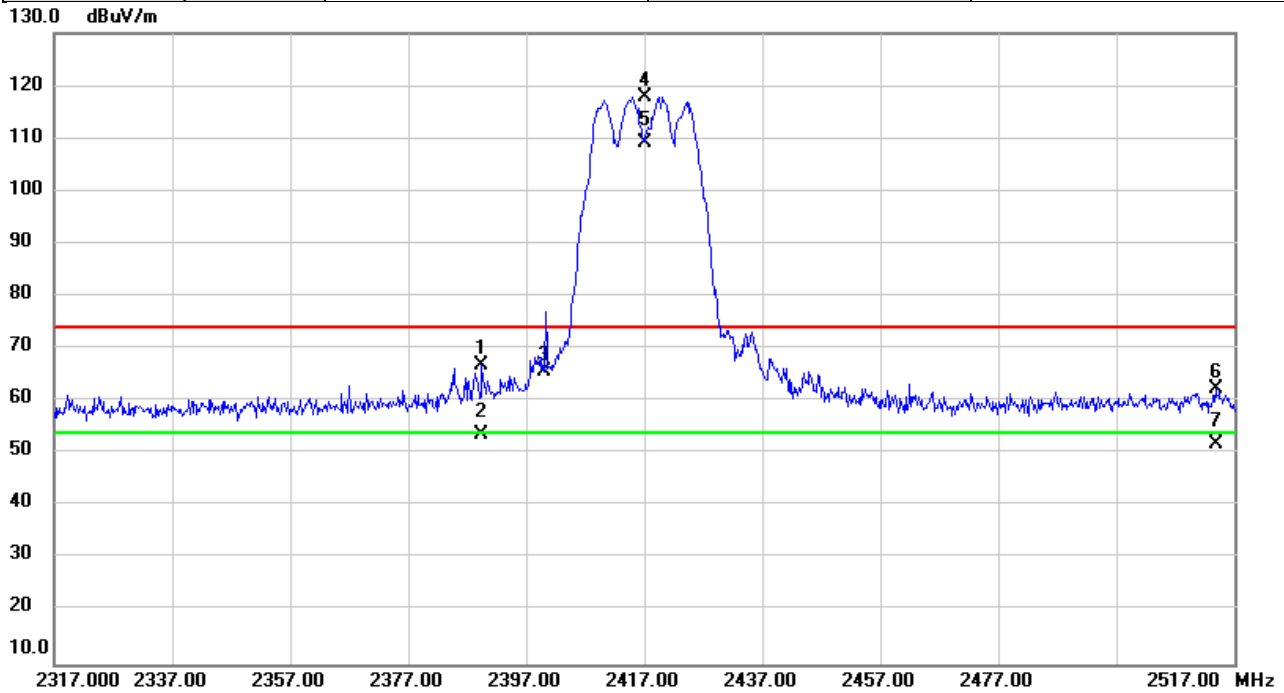


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2383.707	78.54	-5.01	73.53	74.00	-0.47	peak	
2		2383.707	58.82	-5.01	53.81	54.00	-0.19	AVG	
3	X	2400.000	86.54	-4.99	81.55	74.00	7.55	peak	No Limit
4	X	2412.000	122.22	-4.97	117.25	74.00	43.25	peak	No Limit
5	*	2412.000	113.32	-4.97	108.35	54.00	54.35	AVG	No Limit
6		2509.080	67.98	-4.84	63.14	74.00	-10.86	peak	
7		2509.080	55.72	-4.84	50.88	54.00	-3.12	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/21
Test Frequency	2417MHz	Polarization	Vertical
Temp	20°C	Hum.	60%



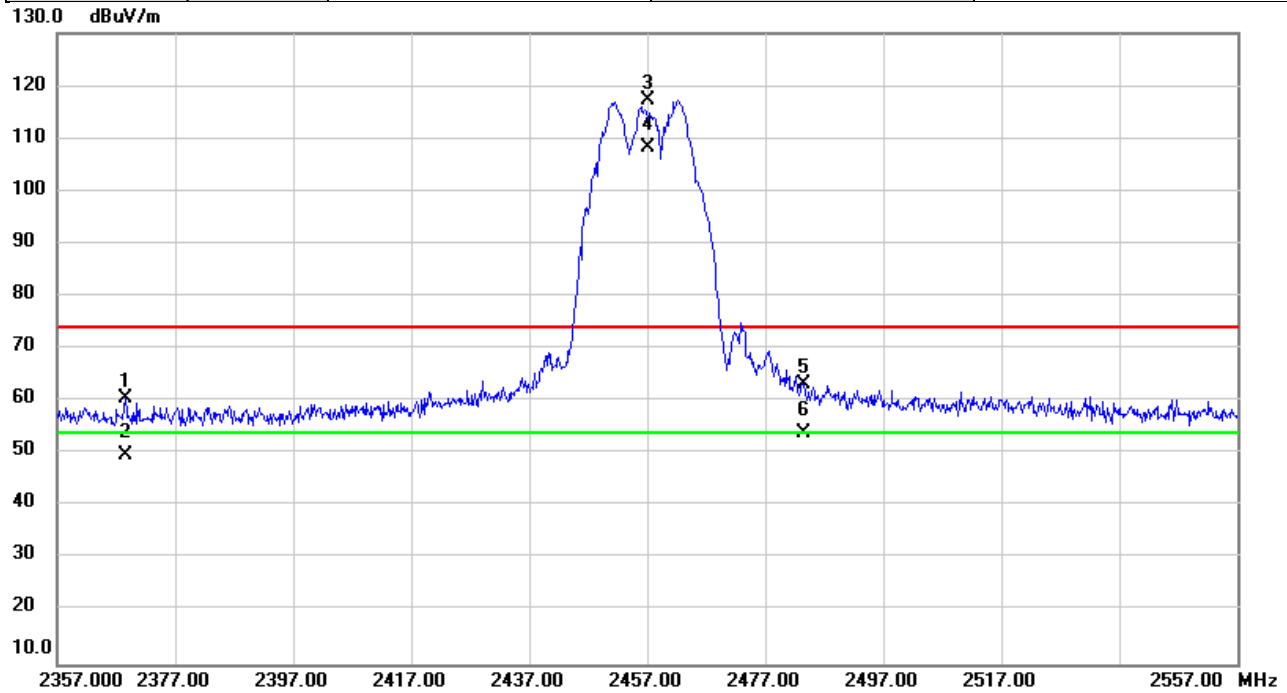
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2389.507	71.94	-5.01	66.93	74.00	-7.07	peak	
2		2389.507	58.57	-5.01	53.56	54.00	-0.44	AVG	
3		2400.000	70.69	-4.99	65.70	74.00	-8.30	peak	
4	X	2417.000	122.80	-4.97	117.83	74.00	43.83	peak	No Limit
5	*	2417.000	114.17	-4.97	109.20	54.00	55.20	AVG	No Limit
6		2513.940	67.24	-4.83	62.41	74.00	-11.59	peak	
7		2513.940	56.78	-4.83	51.95	54.00	-2.05	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11g	Test Date	2024/5/21
Test Frequency	2457MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

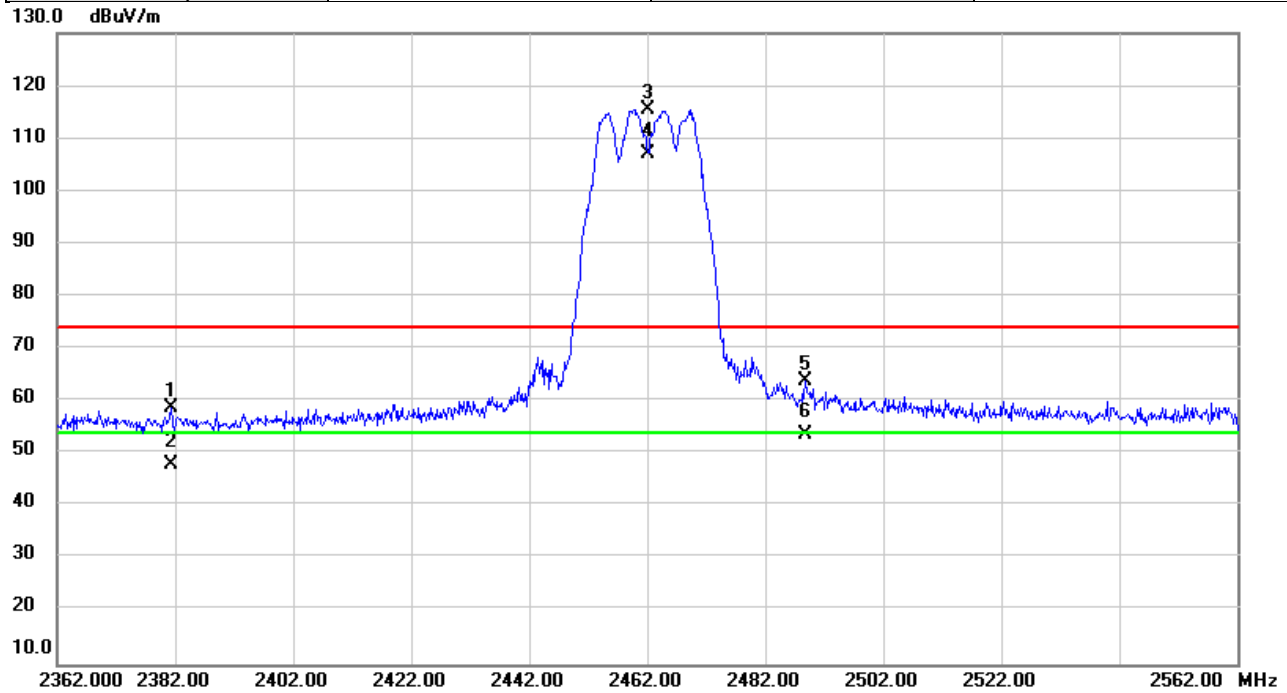


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2368.567	65.72	-5.03	60.69	74.00	-13.31	peak	
2		2368.567	54.81	-5.03	49.78	54.00	-4.22	AVG	
3	X	2457.000	122.03	-4.91	117.12	74.00	43.12	peak	No Limit
4	*	2457.000	113.15	-4.91	108.24	54.00	54.24	AVG	No Limit
5		2483.653	68.21	-4.87	63.34	74.00	-10.66	peak	
6		2483.653	58.75	-4.87	53.88	54.00	-0.12	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/21
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

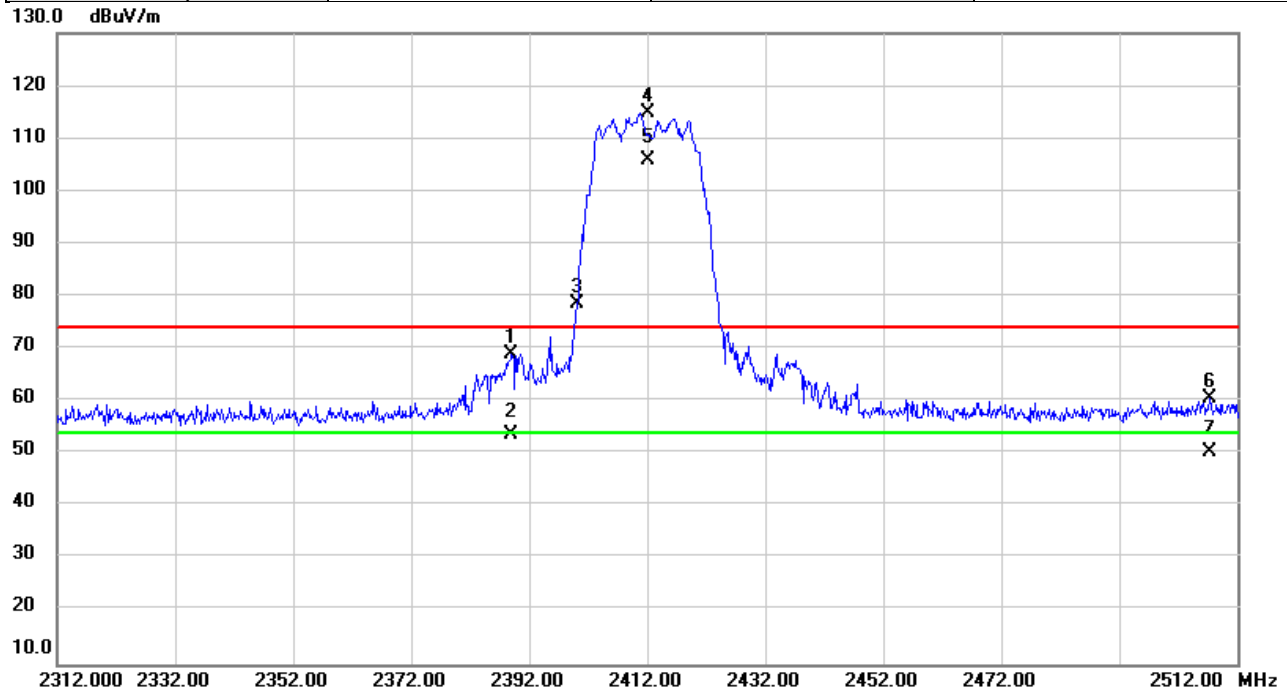


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2381.340	63.88	-5.02	58.86	74.00	-15.14	peak	
2		2381.340	53.07	-5.02	48.05	54.00	-5.95	AVG	
3	X	2462.000	120.47	-4.91	115.56	74.00	41.56	peak	No Limit
4	*	2462.000	111.87	-4.91	106.96	54.00	52.96	AVG	No Limit
5		2488.887	68.79	-4.88	63.91	74.00	-10.09	peak	
6		2488.887	58.40	-4.88	53.52	54.00	-0.48	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/21
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

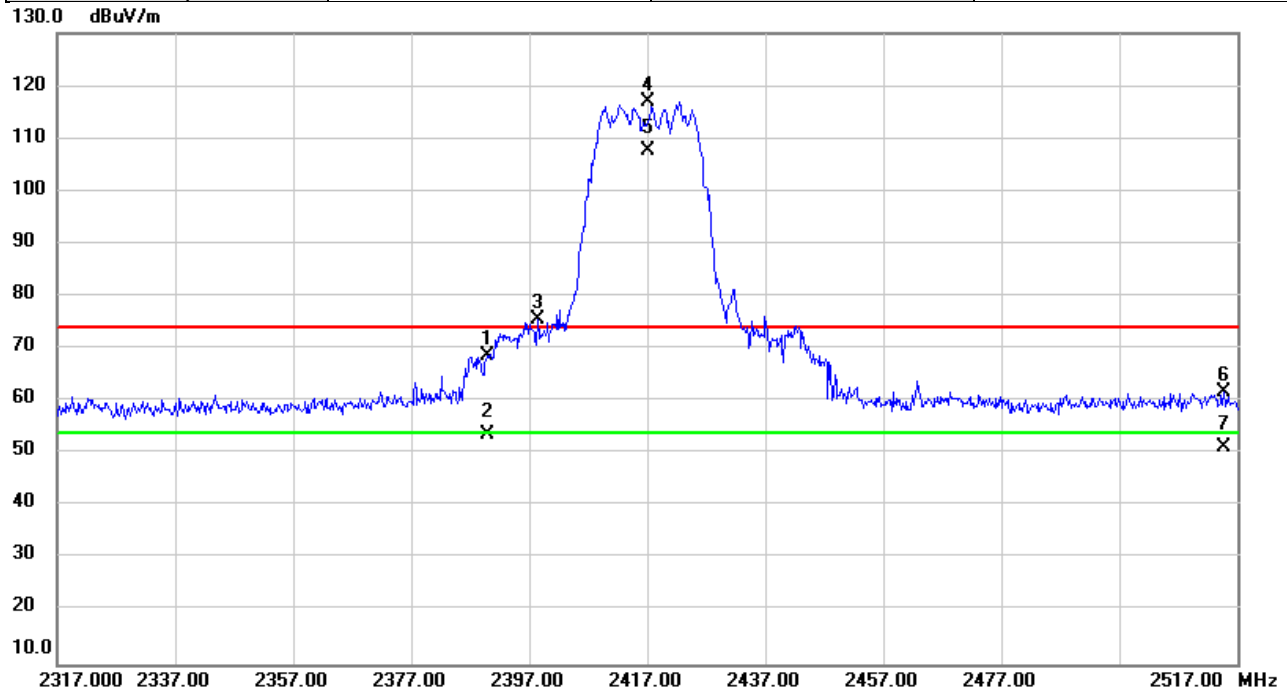


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.040	73.87	-5.01	68.86	74.00	-5.14	peak	
2		2389.040	58.54	-5.01	53.53	54.00	-0.47	AVG	
3	X	2400.000	83.57	-4.99	78.58	74.00	4.58	peak	No Limit
4	X	2412.000	119.78	-4.97	114.81	74.00	40.81	peak	No Limit
5	*	2412.000	110.85	-4.97	105.88	54.00	51.88	AVG	No Limit
6		2507.393	65.51	-4.84	60.67	74.00	-13.33	peak	
7		2507.393	55.14	-4.84	50.30	54.00	-3.70	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/21
Test Frequency	2417MHz	Polarization	Vertical
Temp	20°C	Hum.	60%



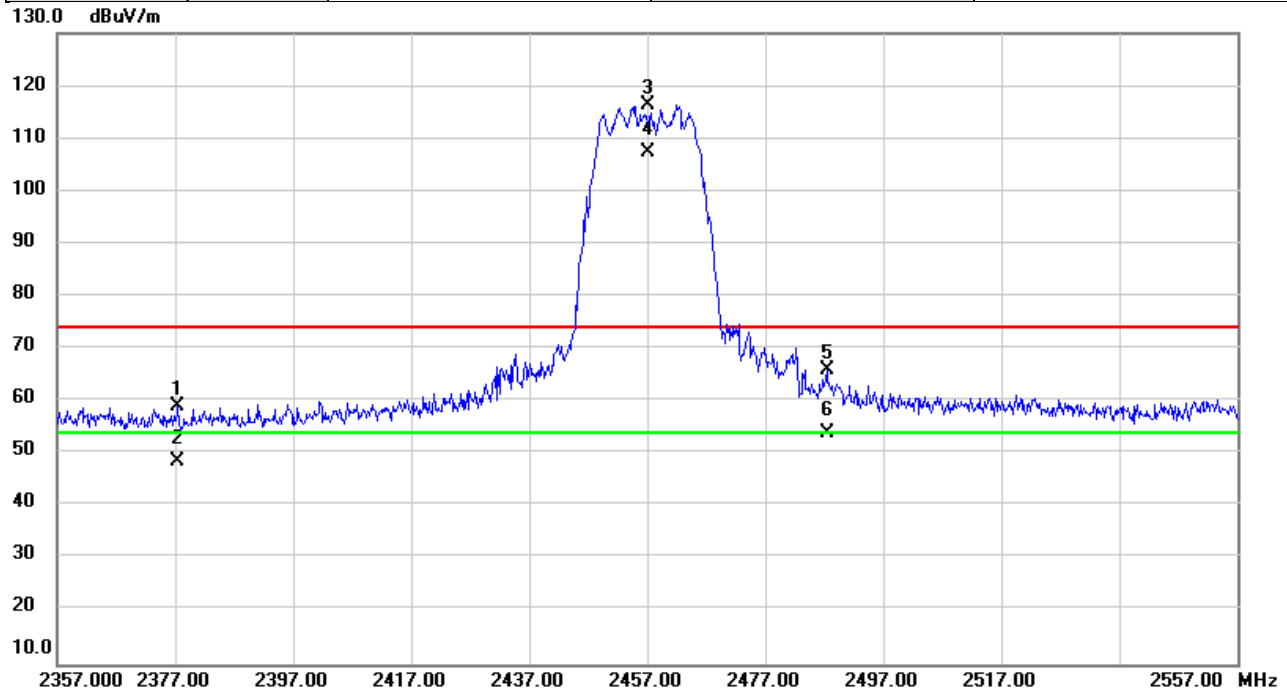
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.953	73.68	-5.01	68.67	74.00	-5.33	peak	
2		2389.953	58.64	-5.01	53.63	54.00	-0.37	AVG	
3	X	2398.527	80.62	-4.99	75.63	74.00	1.63	peak	No Limit
4	X	2417.000	121.90	-4.97	116.93	74.00	42.93	peak	No Limit
5	*	2417.000	112.55	-4.97	107.58	54.00	53.58	AVG	No Limit
6		2514.673	66.61	-4.82	61.79	74.00	-12.21	peak	
7		2514.673	55.97	-4.82	51.15	54.00	-2.85	AVG	

REMARKS:

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

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

Test Mode	VHT20	Test Date	2024/5/21
Test Frequency	2457MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

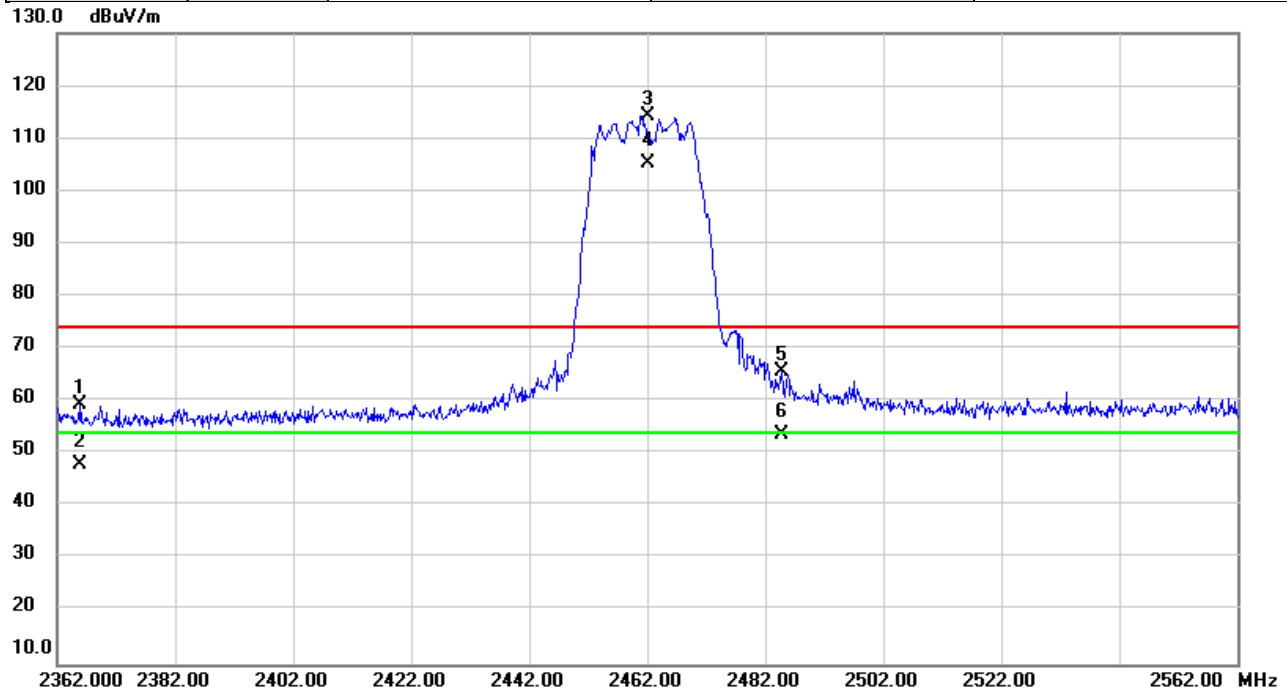


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2377.467	63.97	-5.02	58.95	74.00	-15.05	peak	
2		2377.467	53.64	-5.02	48.62	54.00	-5.38	AVG	
3	X	2457.000	121.27	-4.91	116.36	74.00	42.36	peak	No Limit
4	*	2457.000	112.21	-4.91	107.30	54.00	53.30	AVG	No Limit
5		2487.420	70.83	-4.88	65.95	74.00	-8.05	peak	
6		2487.420	58.77	-4.88	53.89	54.00	-0.11	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/21
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

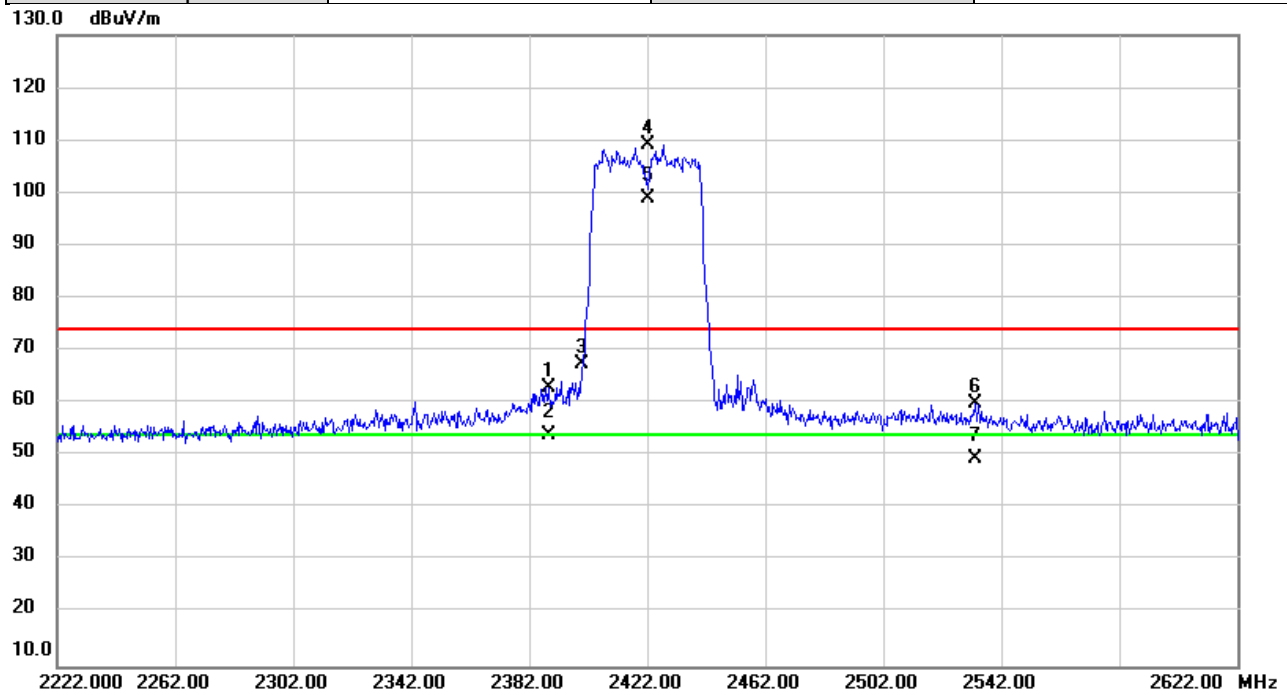


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2365.760	64.32	-5.04	59.28	74.00	-14.72	peak	
2		2365.760	52.88	-5.04	47.84	54.00	-6.16	AVG	
3	X	2462.000	119.28	-4.91	114.37	74.00	40.37	peak	No Limit
4	*	2462.000	110.11	-4.91	105.20	54.00	51.20	AVG	No Limit
5		2484.687	70.60	-4.88	65.72	74.00	-8.28	peak	
6		2484.687	58.63	-4.88	53.75	54.00	-0.25	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/21
Test Frequency	2422MHz	Polarization	Vertical
Temp	20°C	Hum.	60%



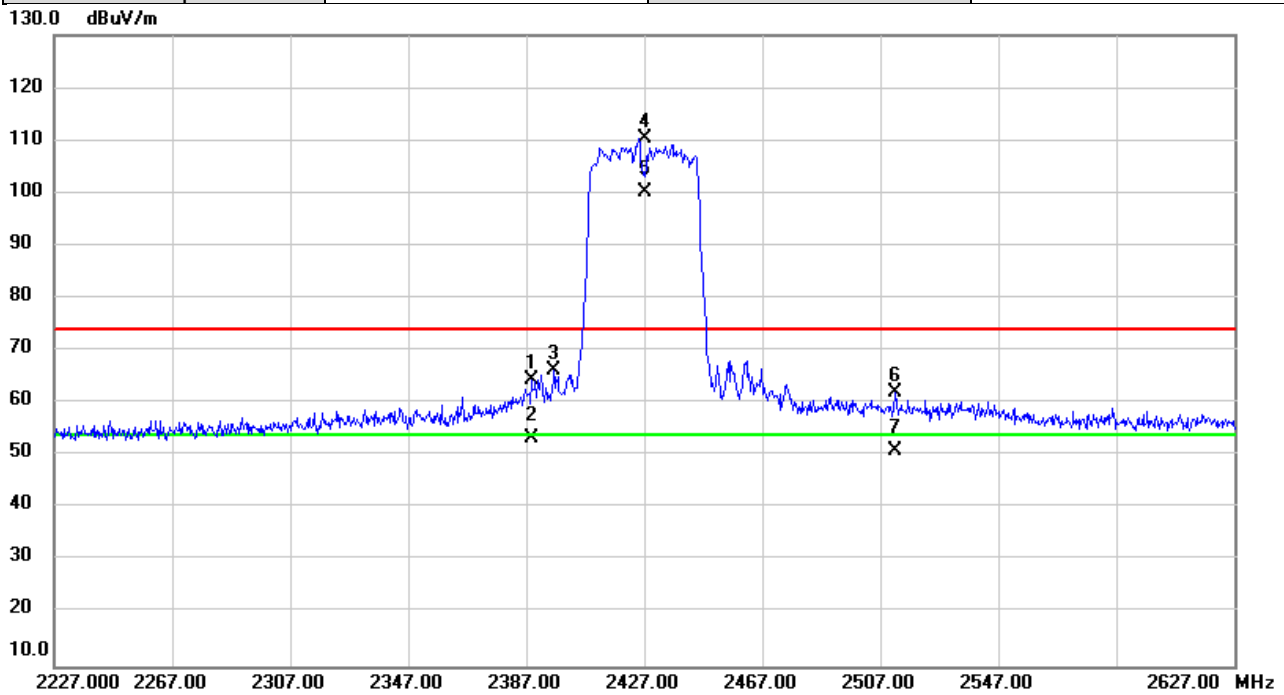
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.773	67.91	-5.01	62.90	74.00	-11.10	peak	
2		2388.773	58.84	-5.01	53.83	54.00	-0.17	AVG	
3		2400.000	72.36	-4.99	67.37	74.00	-6.63	peak	No Limit
4	X	2422.000	114.16	-4.97	109.19	74.00	35.19	peak	No Limit
5	*	2422.000	103.97	-4.97	99.00	54.00	45.00	AVG	No Limit
6		2533.200	64.65	-4.77	59.88	74.00	-14.12	peak	
7		2533.200	54.24	-4.77	49.47	54.00	-4.53	AVG	

REMARKS:

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

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

Test Mode	VHT40	Test Date	2024/5/21
Test Frequency	2427MHz	Polarization	Vertical
Temp	20°C	Hum.	60%



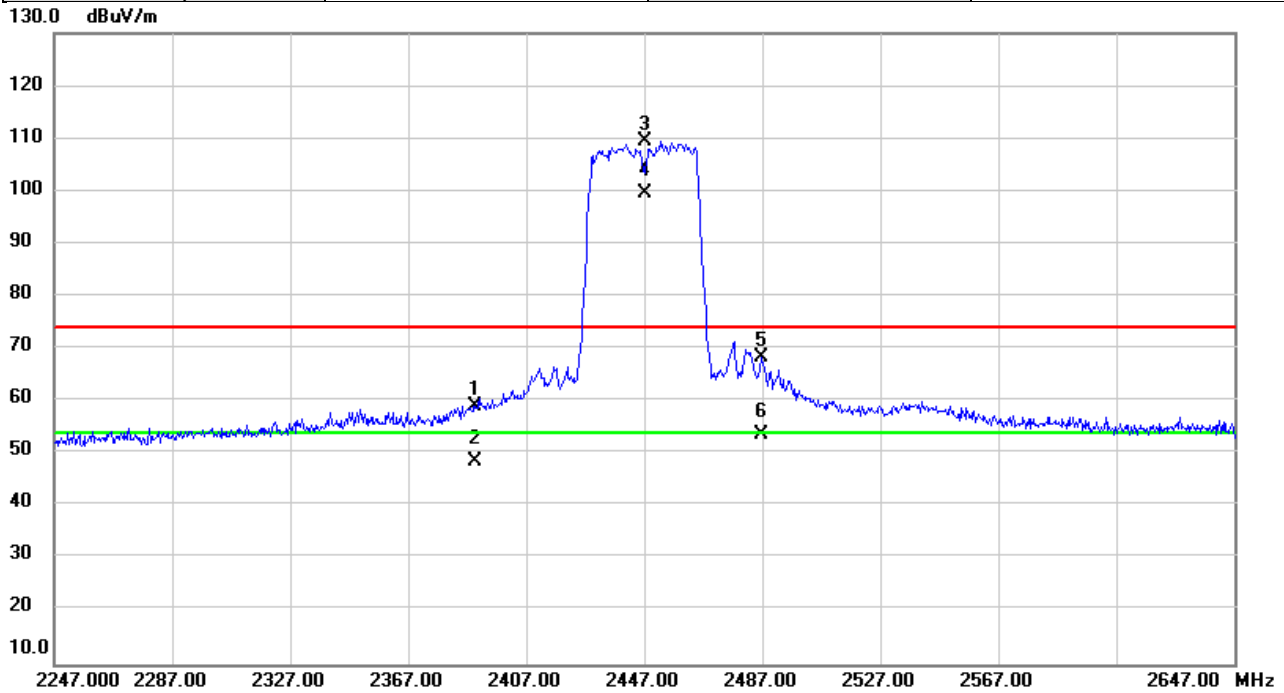
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.747	69.36	-5.01	64.35	74.00	-9.65	peak	
2		2388.747	58.46	-5.01	53.45	54.00	-0.55	AVG	
3		2396.333	71.34	-5.01	66.33	74.00	-7.67	peak	No Limit
4	X	2427.000	115.20	-4.95	110.25	74.00	36.25	peak	No Limit
5	*	2427.000	105.05	-4.95	100.10	54.00	46.10	AVG	No Limit
6		2512.000	66.88	-4.83	62.05	74.00	-11.95	peak	
7		2512.000	55.89	-4.83	51.06	54.00	-2.94	AVG	

REMARKS:

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

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

Test Mode	VHT40	Test Date	2024/5/21
Test Frequency	2447MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

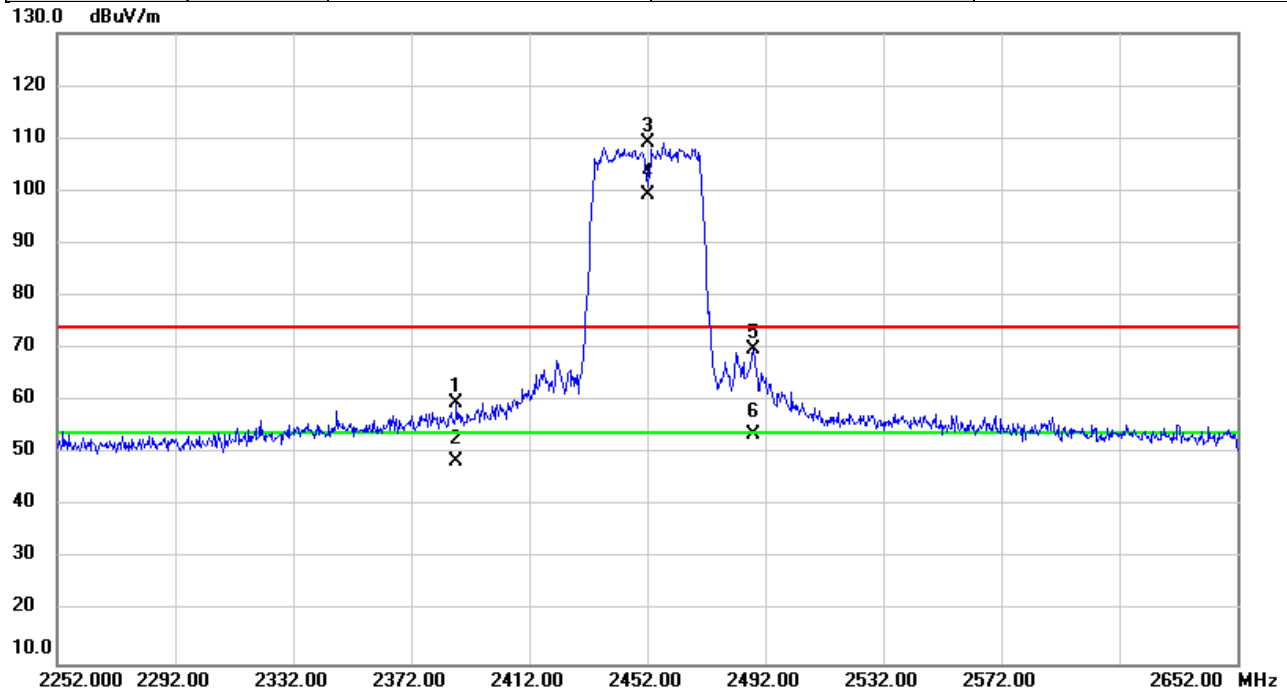


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.400	64.11	-5.01	59.10	74.00	-14.90	peak	
2		2389.400	53.64	-5.01	48.63	54.00	-5.37	AVG	
3	X	2447.000	114.28	-4.93	109.35	74.00	35.35	peak	No Limit
4	*	2447.000	104.39	-4.93	99.46	54.00	45.46	AVG	No Limit
5		2486.600	73.09	-4.88	68.21	74.00	-5.79	peak	
6		2486.600	58.40	-4.88	53.52	54.00	-0.48	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/21
Test Frequency	2452MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

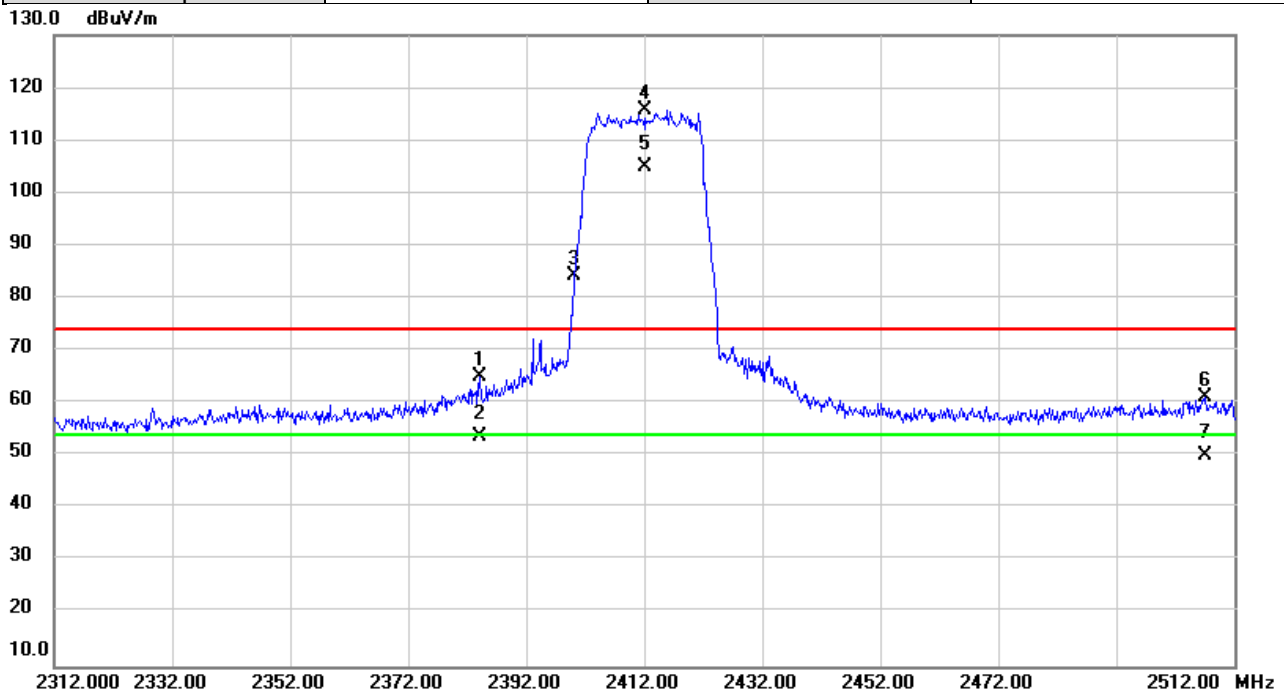


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.307	64.70	-5.01	59.69	74.00	-14.31	peak	
2		2387.307	53.58	-5.01	48.57	54.00	-5.43	AVG	
3	X	2452.000	114.17	-4.92	109.25	74.00	35.25	peak	No Limit
4	*	2452.000	104.25	-4.92	99.33	54.00	45.33	AVG	No Limit
5		2488.000	74.84	-4.88	69.96	74.00	-4.04	peak	
6		2488.000	58.40	-4.88	53.52	54.00	-0.48	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/21
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

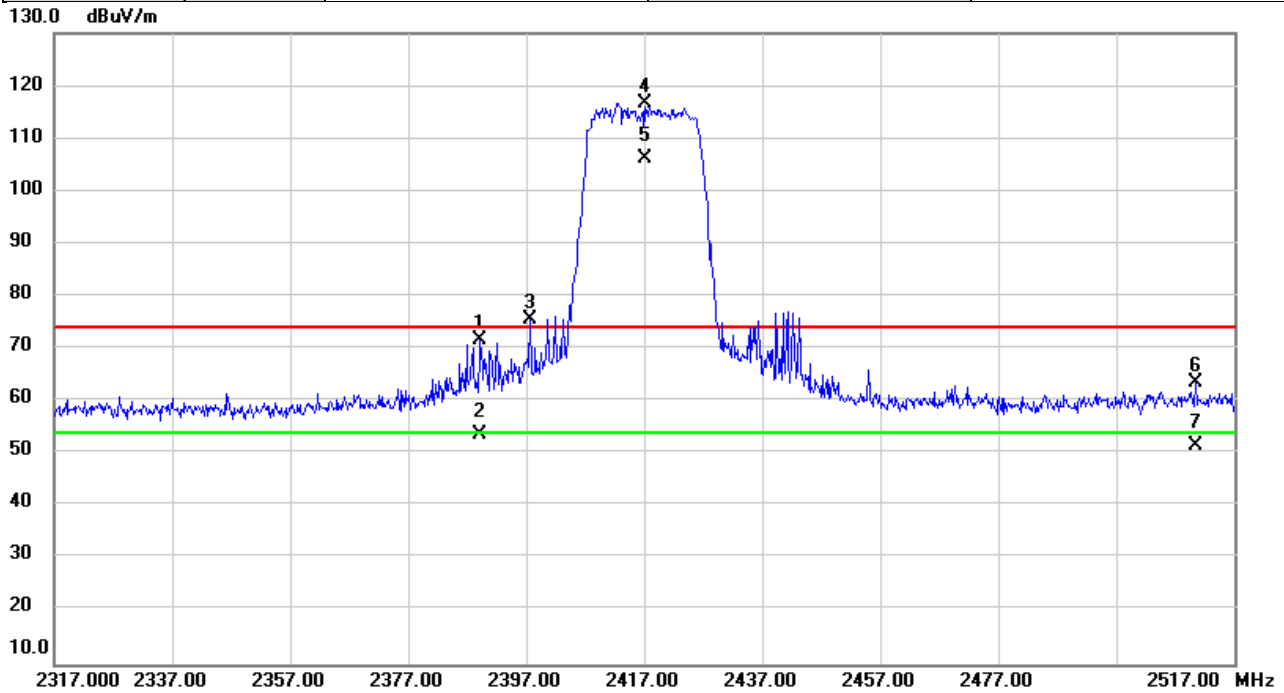


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2384.013	70.18	-5.01	65.17	74.00	-8.83	peak	
2		2384.013	58.81	-5.01	53.80	54.00	-0.20	AVG	
3	X	2400.000	89.14	-4.99	84.15	74.00	10.15	peak	No Limit
4	X	2412.000	120.67	-4.97	115.70	74.00	41.70	peak	No Limit
5	*	2412.000	109.78	-4.97	104.81	54.00	50.81	AVG	No Limit
6		2507.193	65.99	-4.84	61.15	74.00	-12.85	peak	
7		2507.193	54.78	-4.84	49.94	54.00	-4.06	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/21
Test Frequency	2417MHz	Polarization	Vertical
Temp	20°C	Hum.	60%



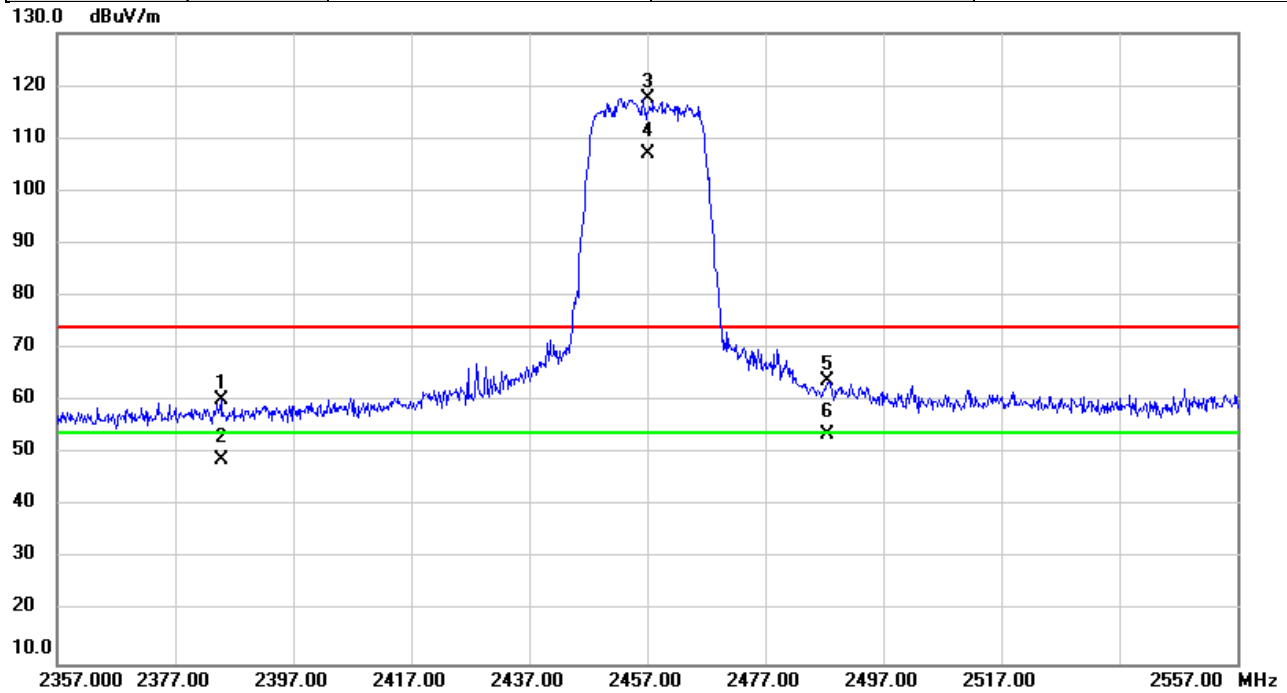
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.220	76.71	-5.01	71.70	74.00	-2.30	peak	
2		2389.220	58.62	-5.01	53.61	54.00	-0.39	AVG	
3	X	2397.720	80.64	-4.99	75.65	74.00	1.65	peak	No Limit
4	X	2417.000	121.72	-4.97	116.75	74.00	42.75	peak	No Limit
5	*	2417.000	111.11	-4.97	106.14	54.00	52.14	AVG	No Limit
6		2510.453	68.24	-4.83	63.41	74.00	-10.59	peak	
7		2510.453	56.52	-4.83	51.69	54.00	-2.31	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/21
Test Frequency	2457MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

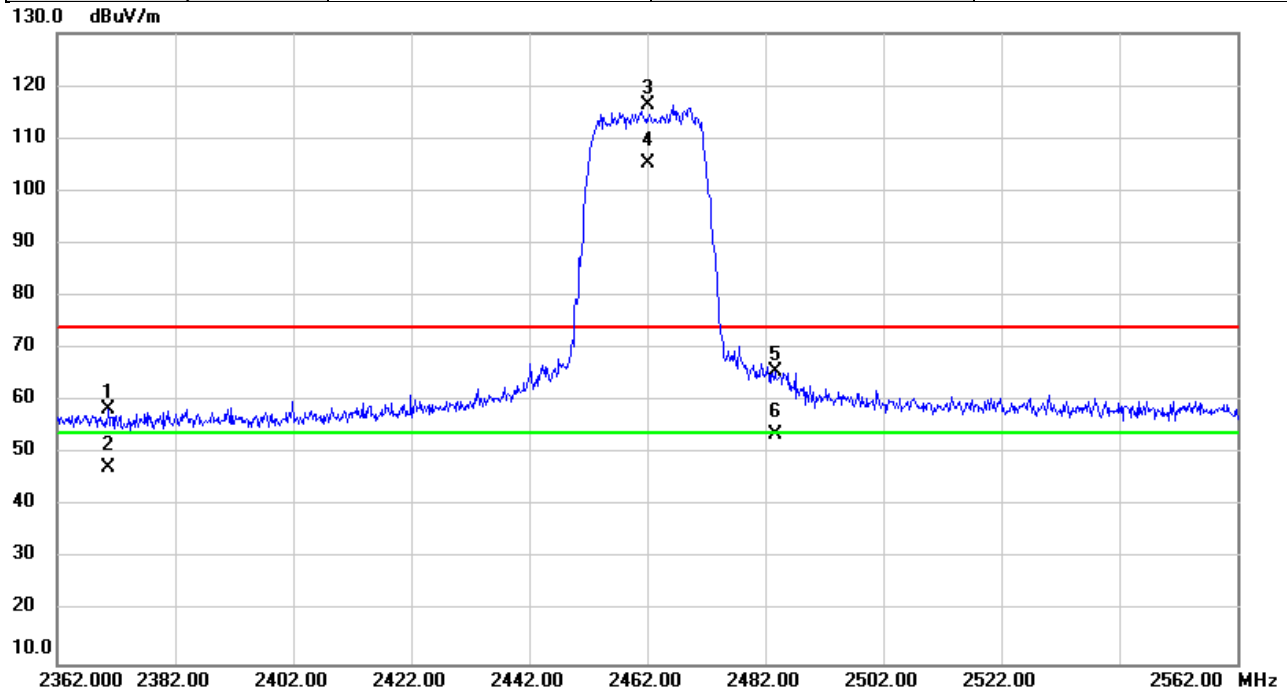


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2384.773	65.28	-5.01	60.27	74.00	-13.73	peak	
2		2384.773	53.94	-5.01	48.93	54.00	-5.07	AVG	
3	X	2457.000	122.59	-4.91	117.68	74.00	43.68	peak	No Limit
4	*	2457.000	112.07	-4.91	107.16	54.00	53.16	AVG	No Limit
5		2487.600	68.58	-4.88	63.70	74.00	-10.30	peak	
6		2487.600	58.51	-4.88	53.63	54.00	-0.37	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/21
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

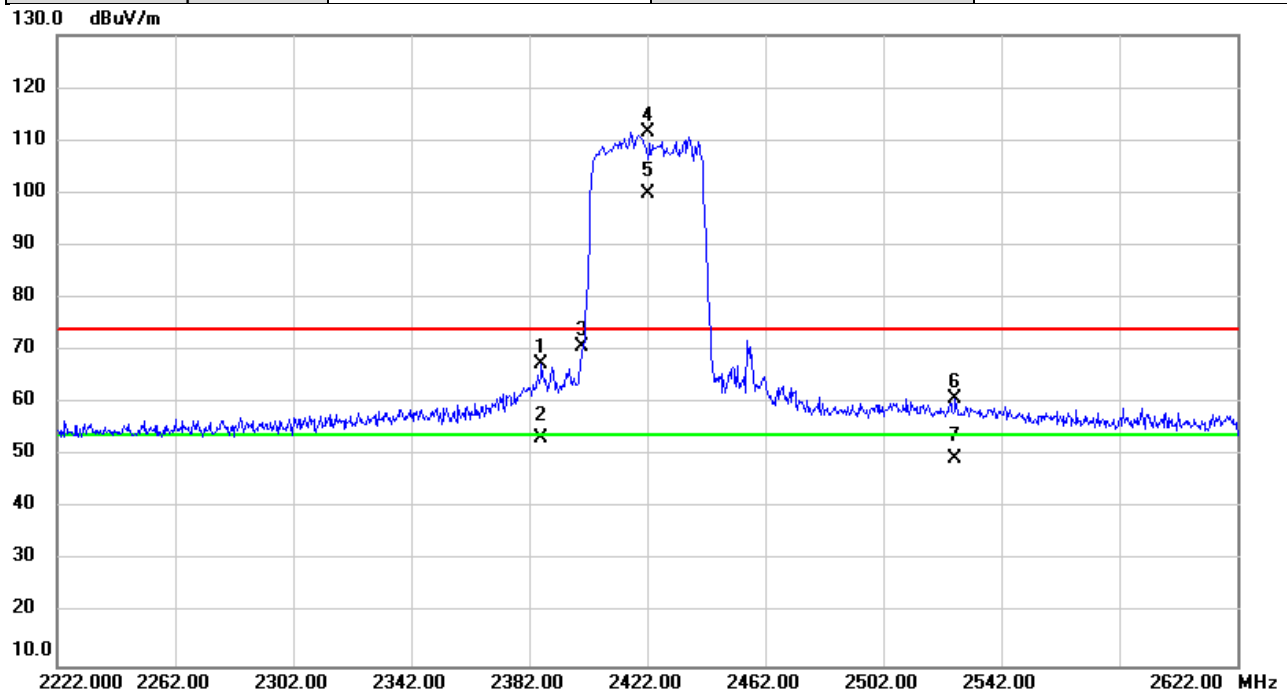


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2370.620	63.59	-5.03	58.56	74.00	-15.44	peak	
2		2370.620	52.44	-5.03	47.41	54.00	-6.59	AVG	
3	X	2462.000	121.14	-4.91	116.23	74.00	42.23	peak	No Limit
4	*	2462.000	110.06	-4.91	105.15	54.00	51.15	AVG	No Limit
5		2483.613	70.63	-4.87	65.76	74.00	-8.24	peak	
6		2483.613	58.52	-4.87	53.65	54.00	-0.35	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/21
Test Frequency	2422MHz	Polarization	Vertical
Temp	20°C	Hum.	60%



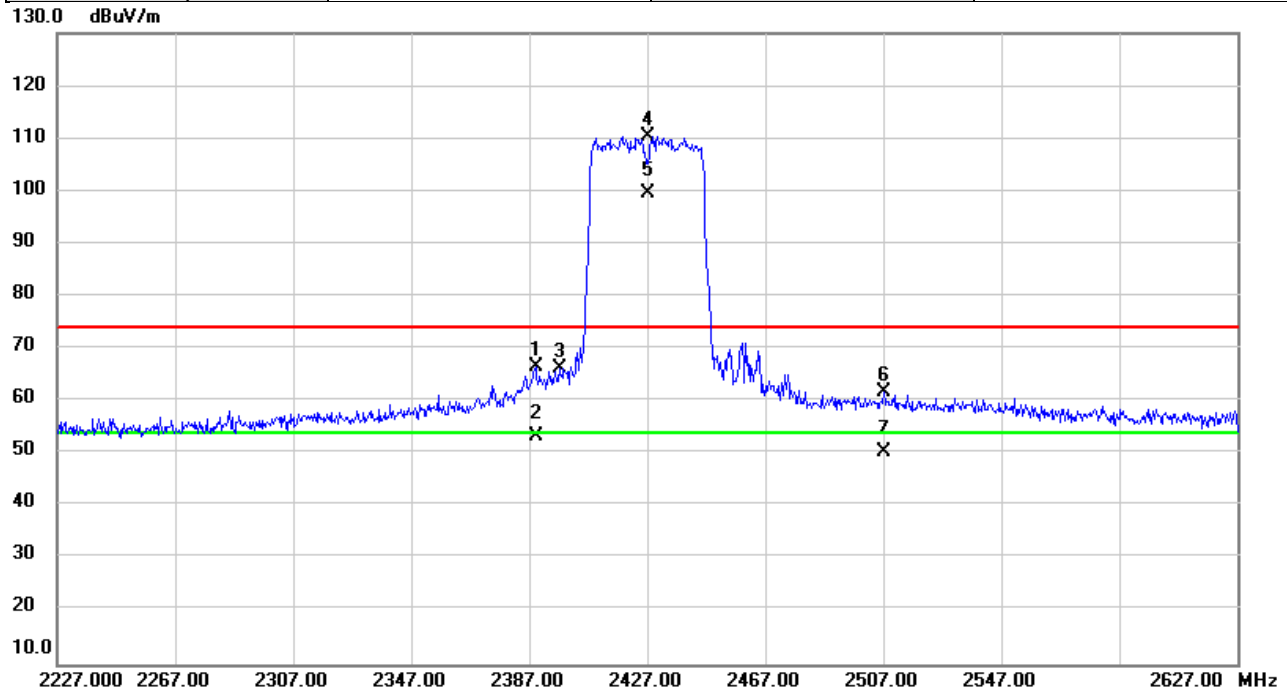
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.253	72.42	-5.01	67.41	74.00	-6.59	peak	
2		2386.253	58.47	-5.01	53.46	54.00	-0.54	AVG	
3		2400.000	75.68	-4.99	70.69	74.00	-3.31	peak	No Limit
4	X	2422.000	116.60	-4.97	111.63	74.00	37.63	peak	No Limit
5	*	2422.000	104.79	-4.97	99.82	54.00	45.82	AVG	No Limit
6		2526.440	65.58	-4.79	60.79	74.00	-13.21	peak	
7		2526.440	54.21	-4.79	49.42	54.00	-4.58	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/22
Test Frequency	2427MHz	Polarization	Vertical
Temp	20°C	Hum.	60%



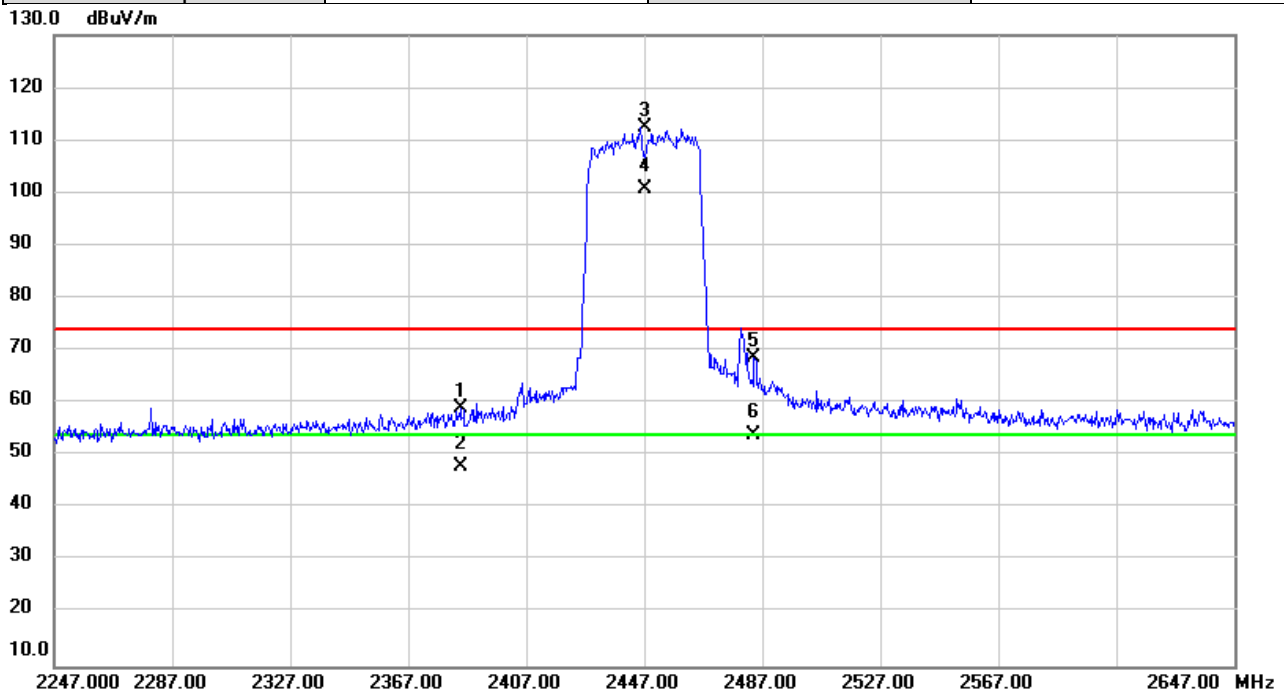
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.307	71.42	-5.01	66.41	74.00	-7.59	peak	
2		2389.307	58.38	-5.01	53.37	54.00	-0.63	AVG	
3		2397.347	71.26	-4.99	66.27	74.00	-7.73	peak	No Limit
4	X	2427.000	115.24	-4.95	110.29	74.00	36.29	peak	No Limit
5	*	2427.000	104.38	-4.95	99.43	54.00	45.43	AVG	No Limit
6		2507.173	66.45	-4.84	61.61	74.00	-12.39	peak	
7		2507.173	55.30	-4.84	50.46	54.00	-3.54	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/22
Test Frequency	2447MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

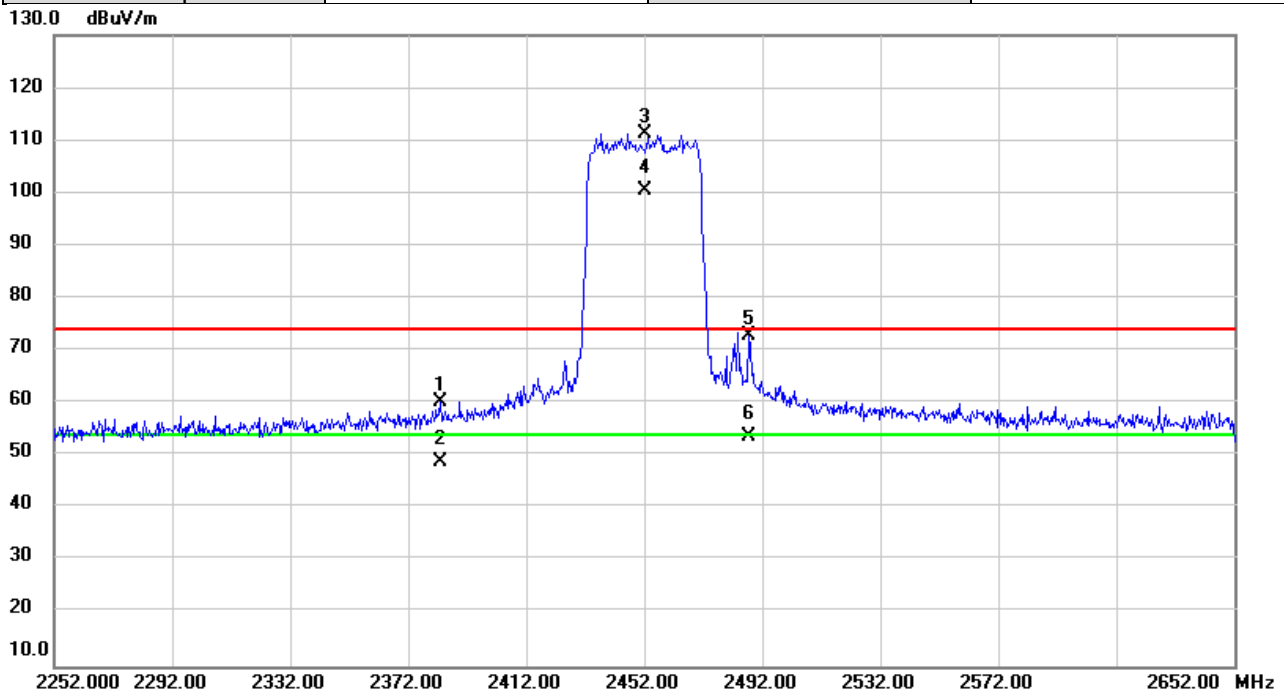


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2384.947	64.01	-5.01	59.00	74.00	-15.00	peak	
2		2384.947	52.82	-5.01	47.81	54.00	-6.19	AVG	
3	X	2447.000	117.32	-4.93	112.39	74.00	38.39	peak	No Limit
4	*	2447.000	105.82	-4.93	100.89	54.00	46.89	AVG	No Limit
5		2484.280	73.61	-4.88	68.73	74.00	-5.27	peak	
6		2484.280	58.74	-4.88	53.86	54.00	-0.14	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/22
Test Frequency	2452MHz	Polarization	Vertical
Temp	20°C	Hum.	60%

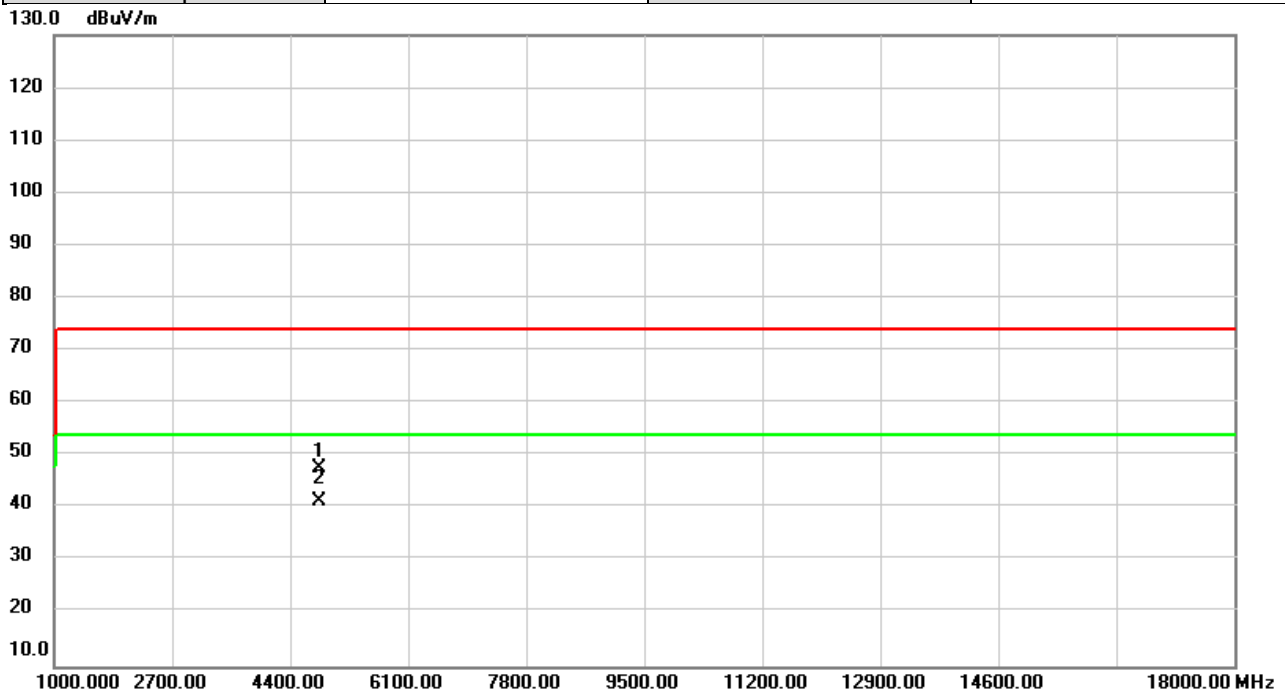


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2383.000	65.17	-5.02	60.15	74.00	-13.85	peak	
2		2383.000	53.99	-5.02	48.97	54.00	-5.03	AVG	
3	X	2452.000	116.28	-4.92	111.36	74.00	37.36	peak	No Limit
4	*	2452.000	105.35	-4.92	100.43	54.00	46.43	AVG	No Limit
5		2487.600	77.69	-4.88	72.81	74.00	-1.19	peak	
6		2487.600	58.61	-4.88	53.73	54.00	-0.27	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2412MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

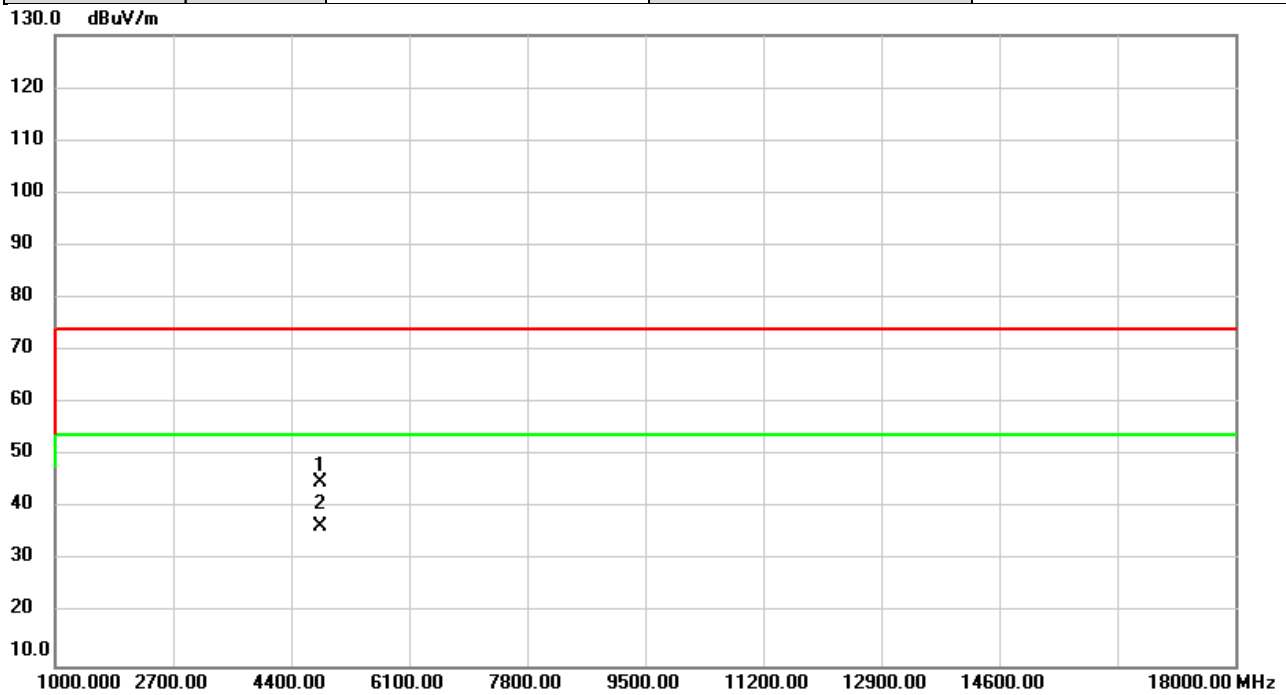


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	46.74	0.92	47.66	74.00	-26.34	peak	
2	*	4824.000	40.50	0.92	41.42	54.00	-12.58	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

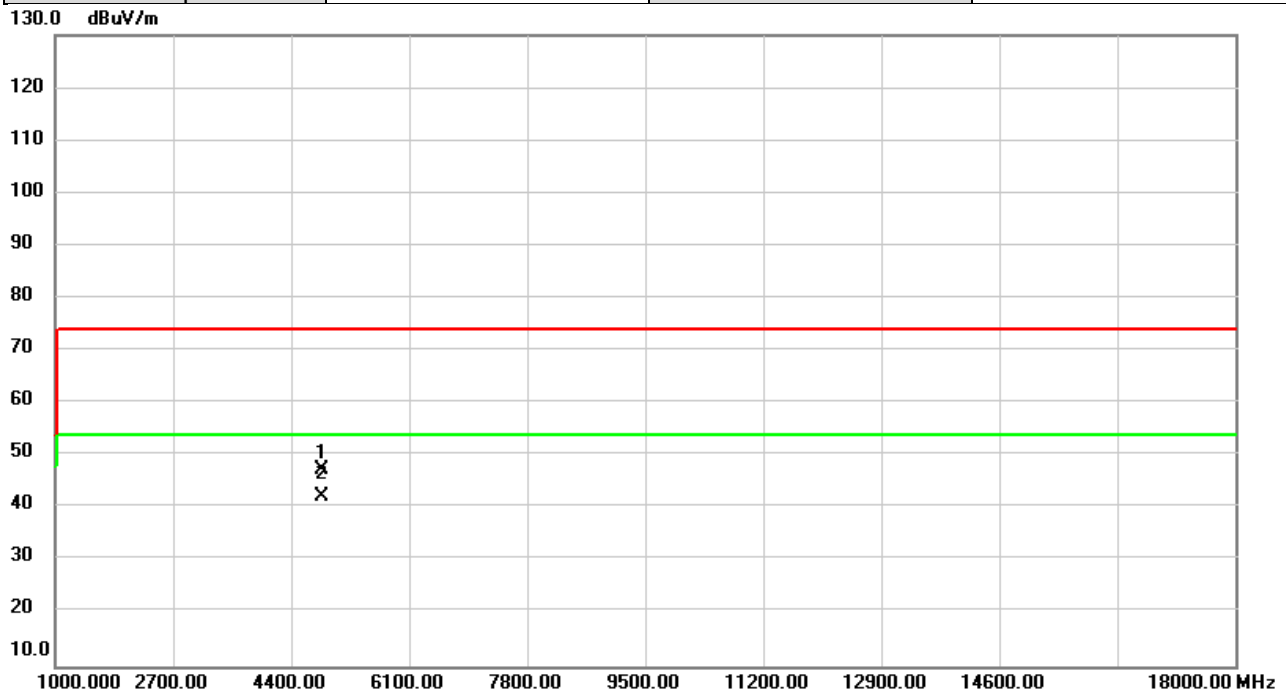


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.93	0.92	44.85	74.00	-29.15	peak	
2	*	4824.000	35.52	0.92	36.44	54.00	-17.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2417MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

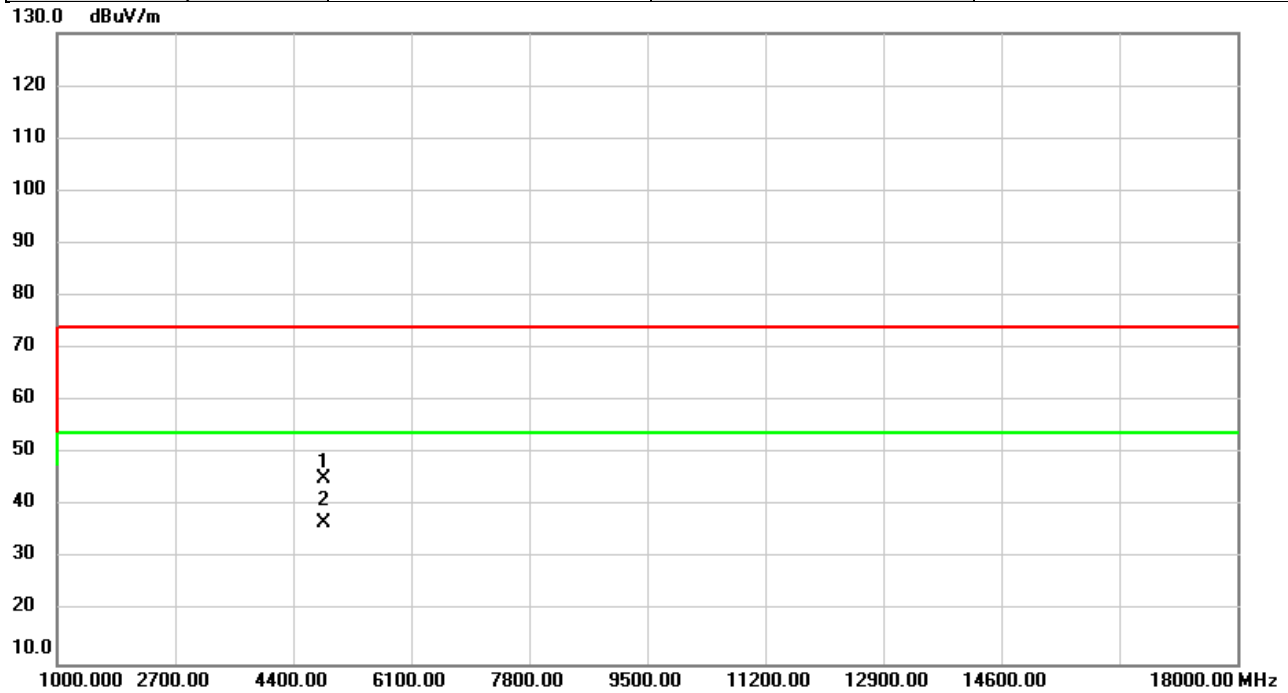


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.000	46.41	0.94	47.35	74.00	-26.65	peak	
2	*	4834.000	41.32	0.94	42.26	54.00	-11.74	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2417MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

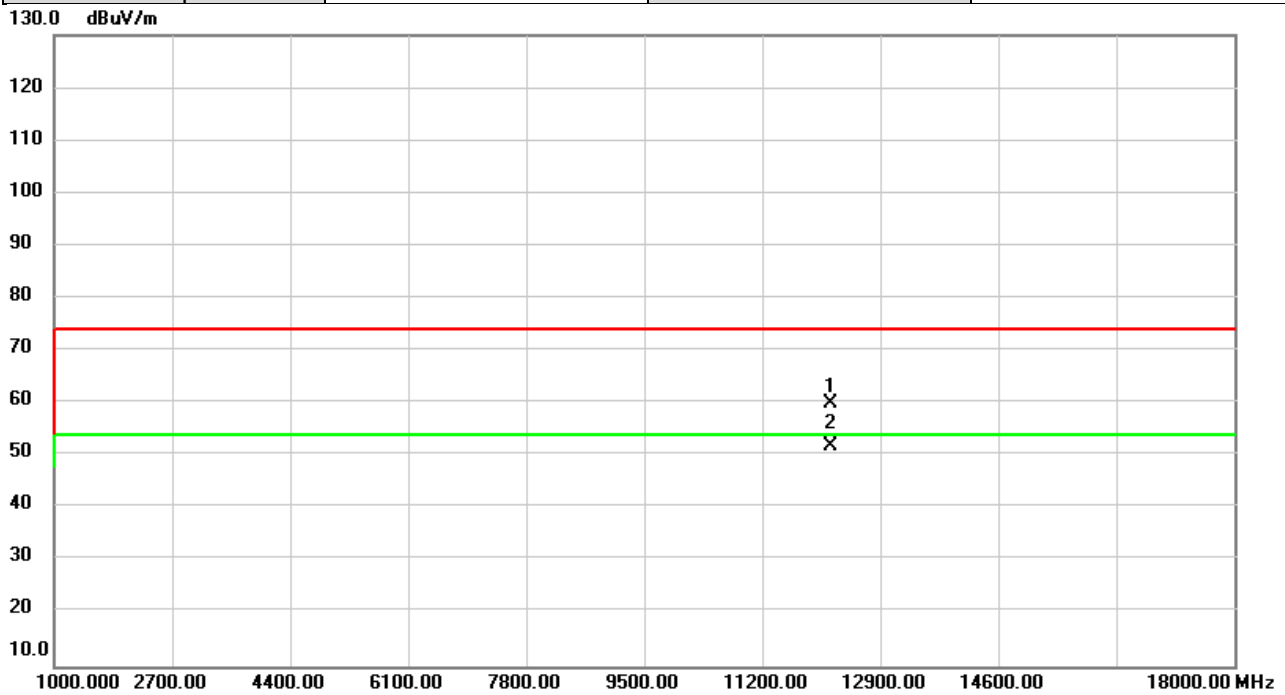


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.000	44.46	0.94	45.40	74.00	-28.60	peak	
2	*	4834.000	35.97	0.94	36.91	54.00	-17.09	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/17
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	65%

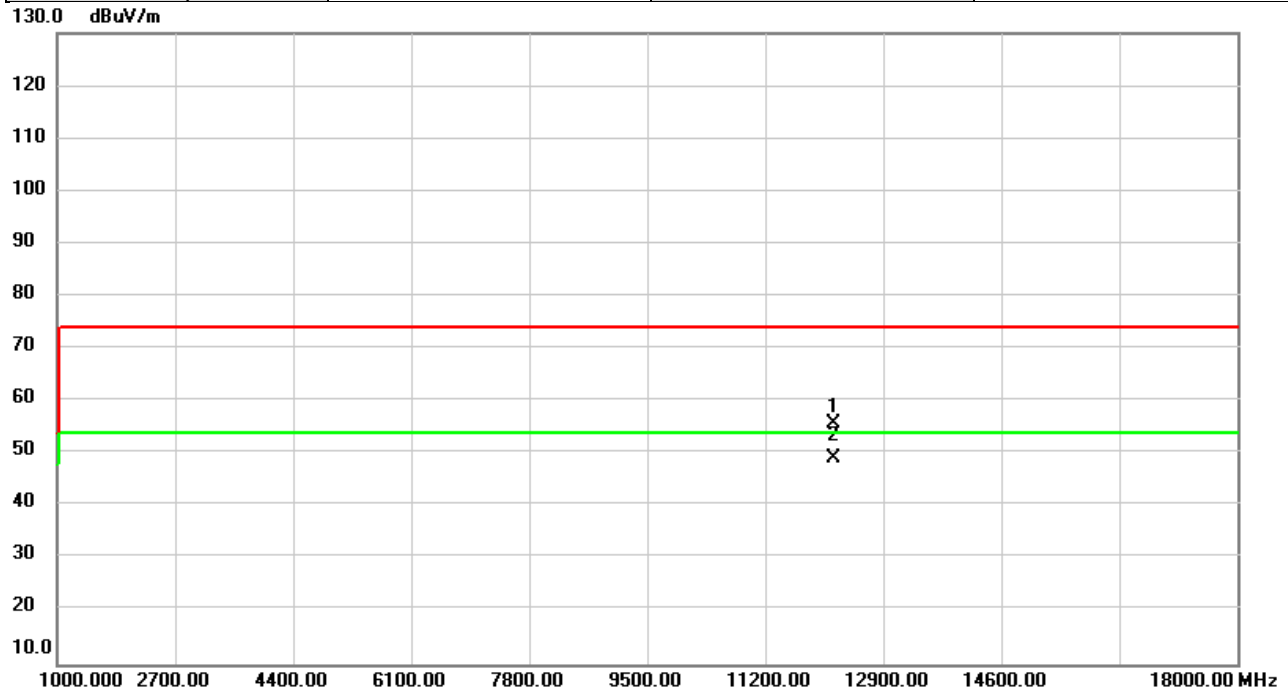


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12185.00	52.24	7.76	60.00	74.00	-14.00	peak	
2	*	12185.00	44.18	7.76	51.94	54.00	-2.06	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/17
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	65%

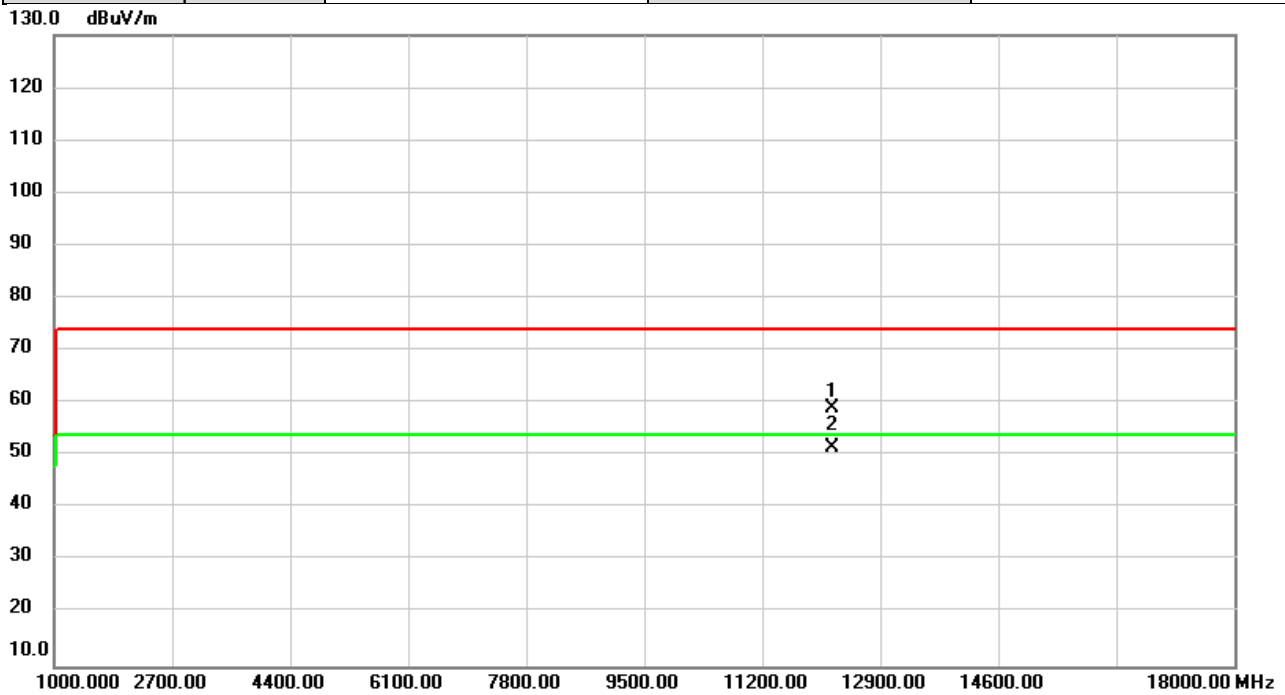


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12185.00	48.07	7.76	55.83	74.00	-18.17	peak	
2	*	12185.00	41.31	7.76	49.07	54.00	-4.93	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/17
Test Frequency	2442MHz	Polarization	Vertical
Temp	21°C	Hum.	65%

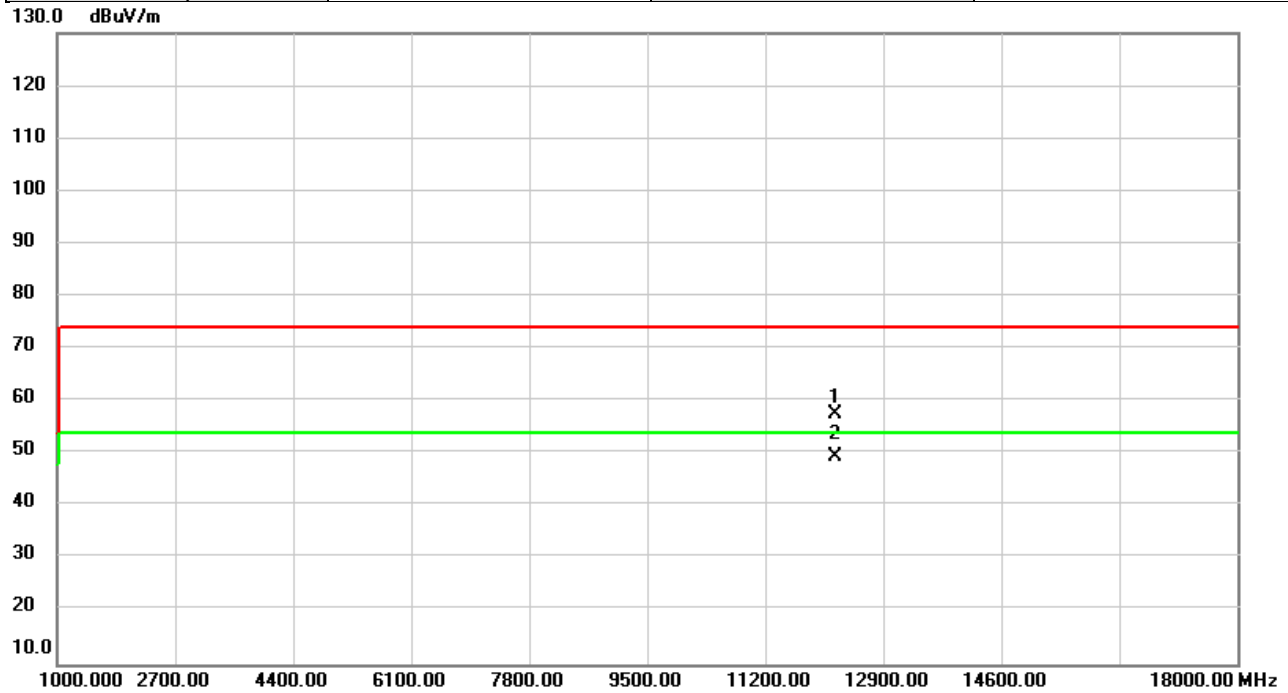


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12210.00	51.18	7.76	58.94	74.00	-15.06	peak	
2	*	12210.00	43.88	7.76	51.64	54.00	-2.36	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/17
Test Frequency	2442MHz	Polarization	Horizontal
Temp	21°C	Hum.	65%

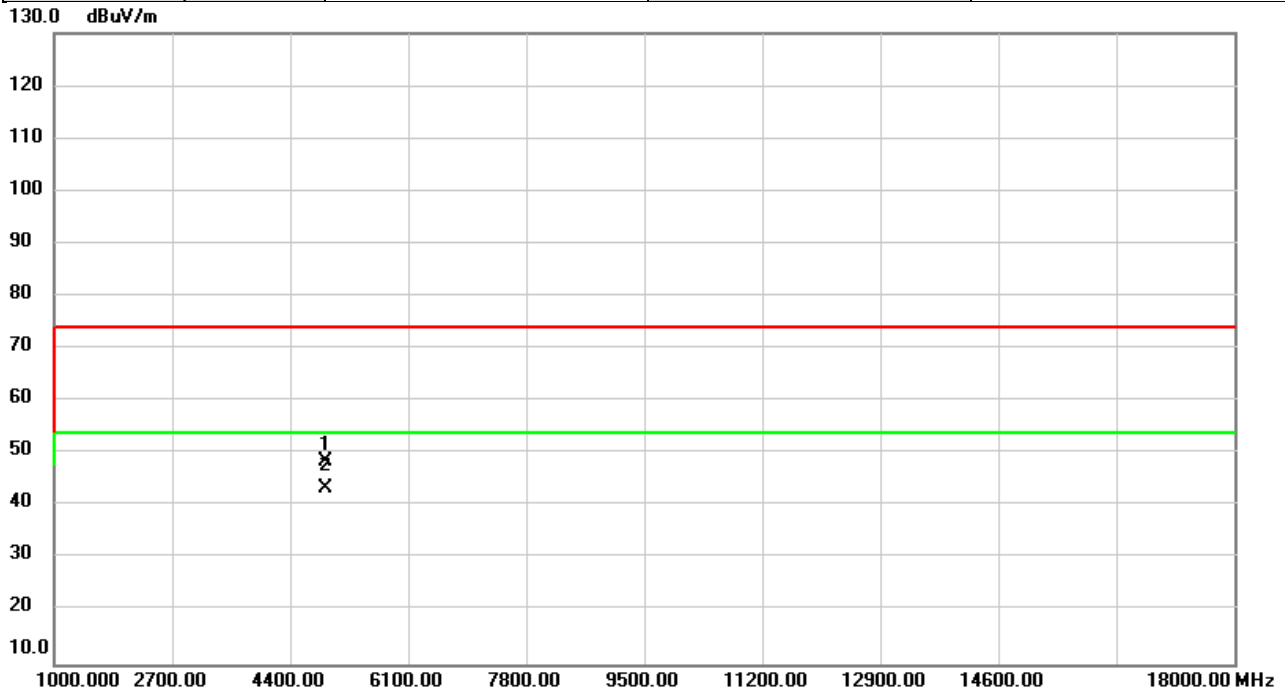


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		12210.00	49.67	7.76	57.43	74.00	-16.57	peak	
2	*	12210.00	41.59	7.76	49.35	54.00	-4.65	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2457MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

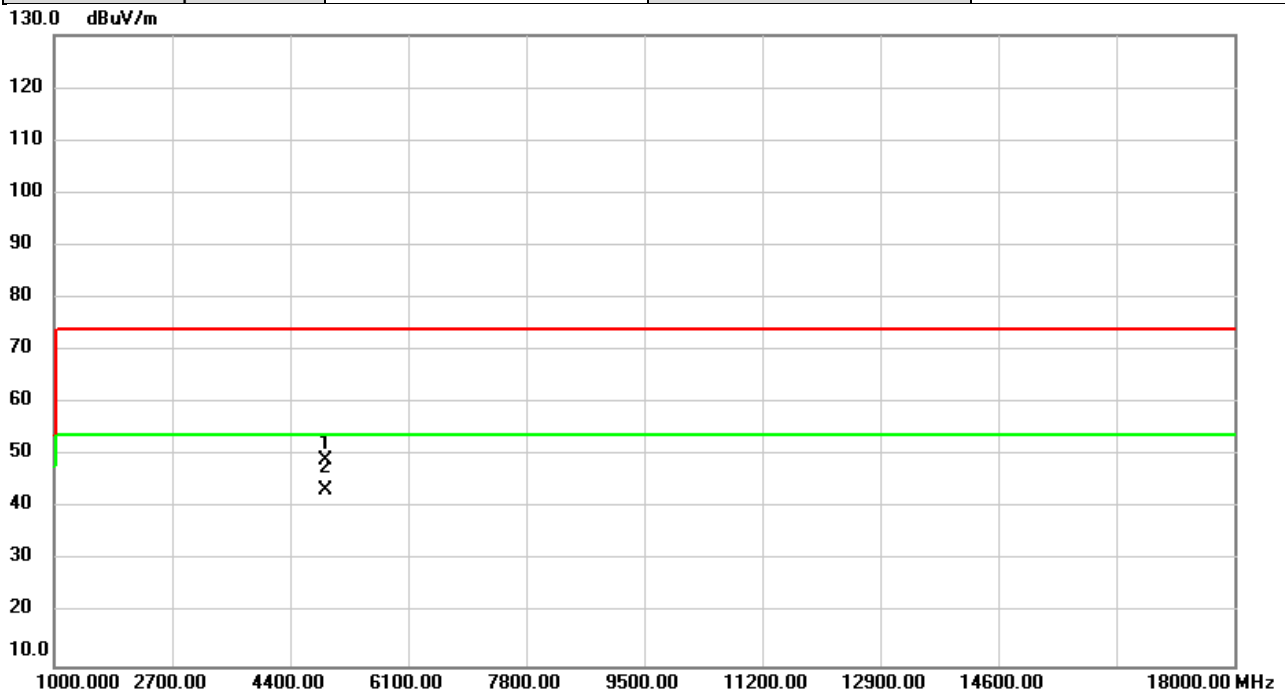


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	47.54	1.11	48.65	74.00	-25.35	peak	
2	*	4914.000	42.22	1.11	43.33	54.00	-10.67	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2457MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

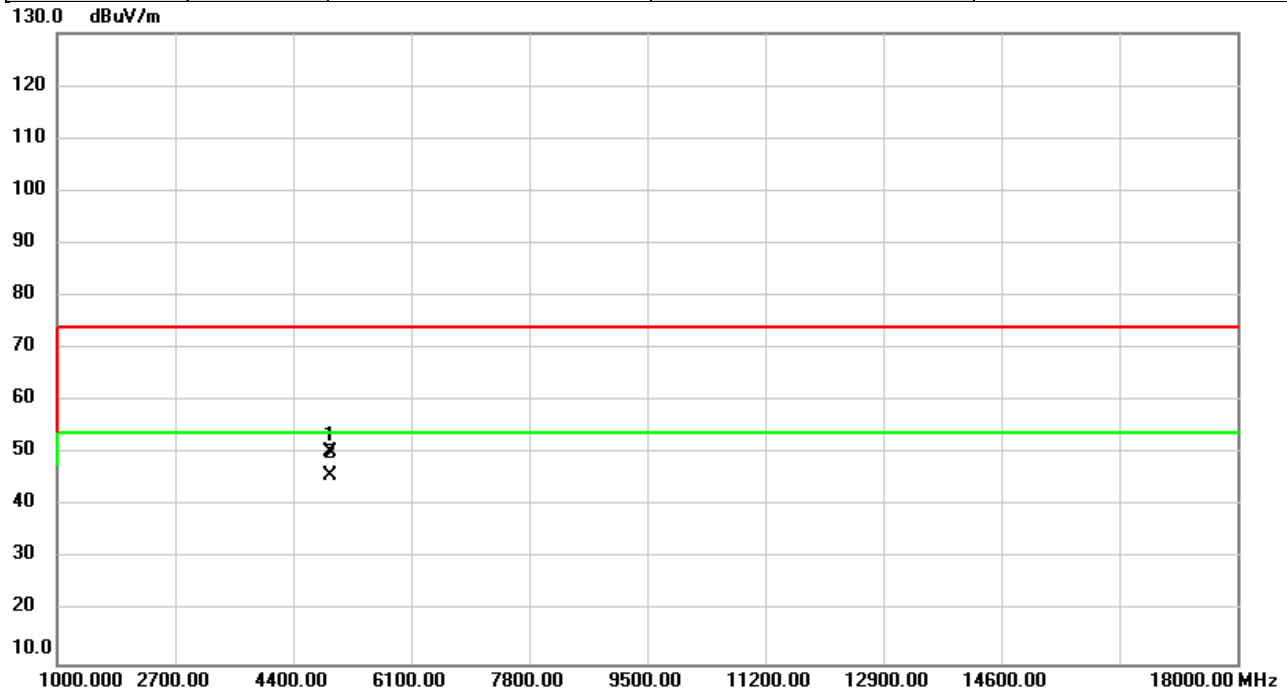


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	48.15	1.11	49.26	74.00	-24.74	peak	
2	*	4914.000	42.41	1.11	43.52	54.00	-10.48	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

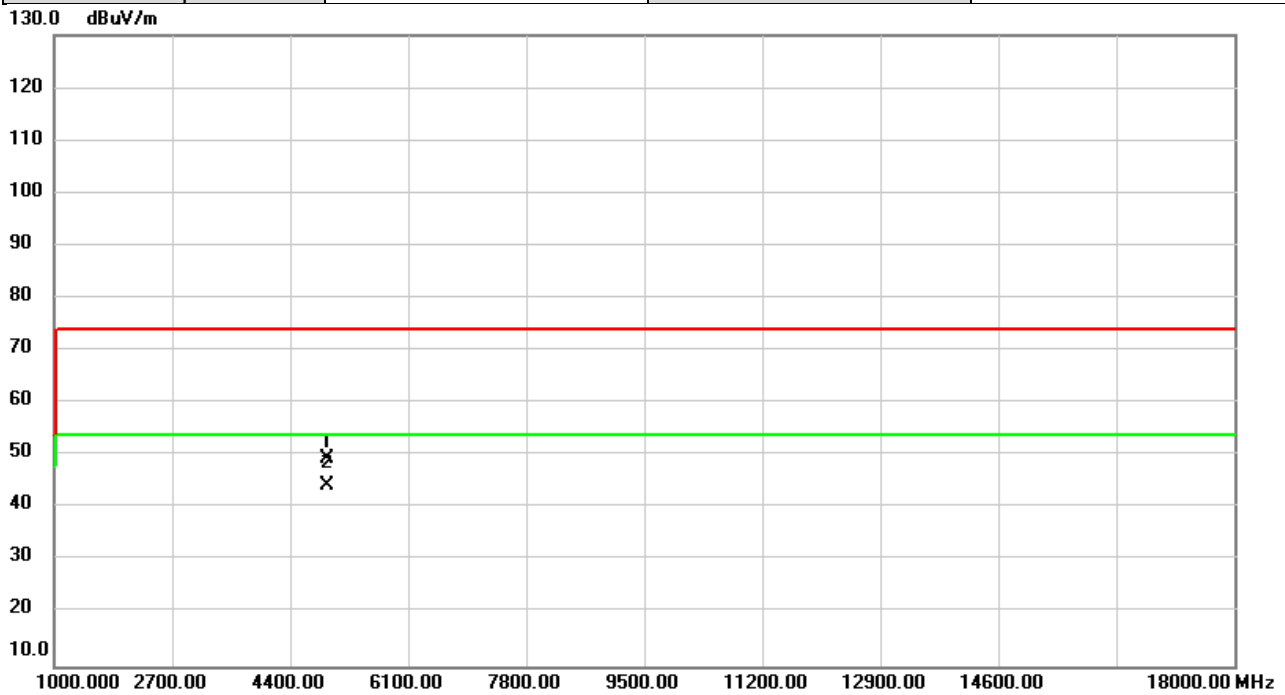


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	49.21	1.13	50.34	74.00	-23.66	peak	
2	*	4924.000	44.58	1.13	45.71	54.00	-8.29	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

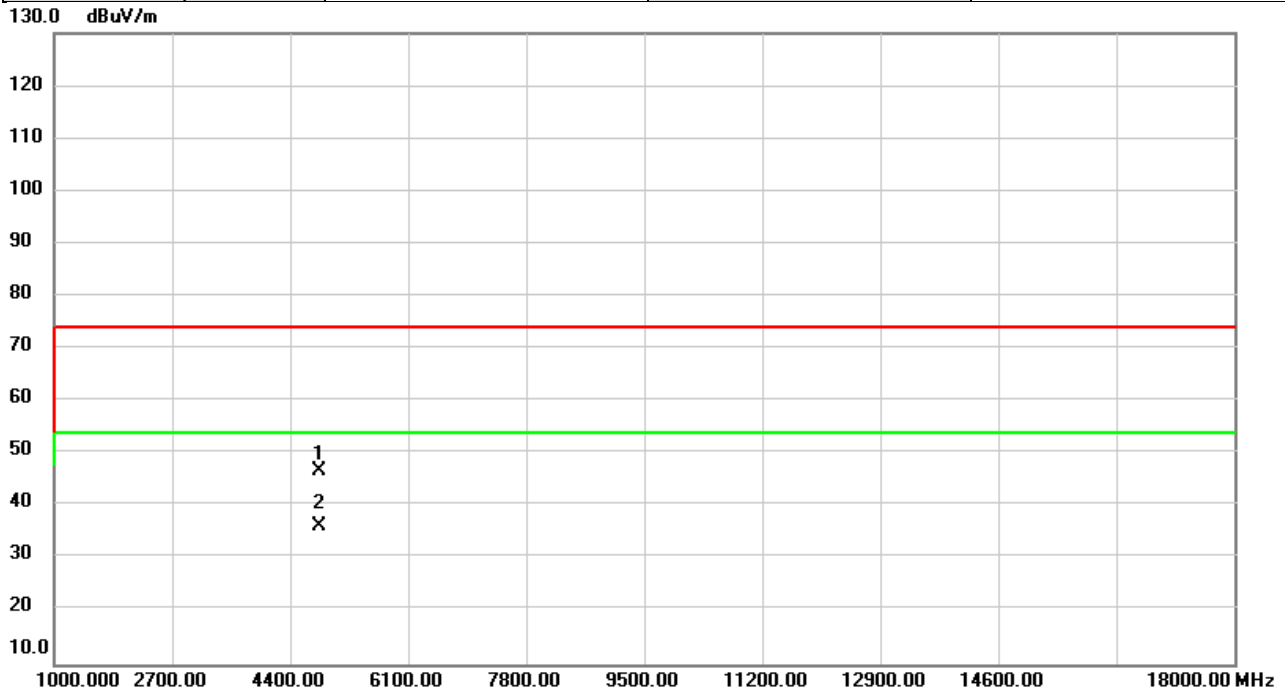


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	48.43	1.13	49.56	74.00	-24.44	peak	
2	*	4924.000	43.16	1.13	44.29	54.00	-9.71	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2412MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

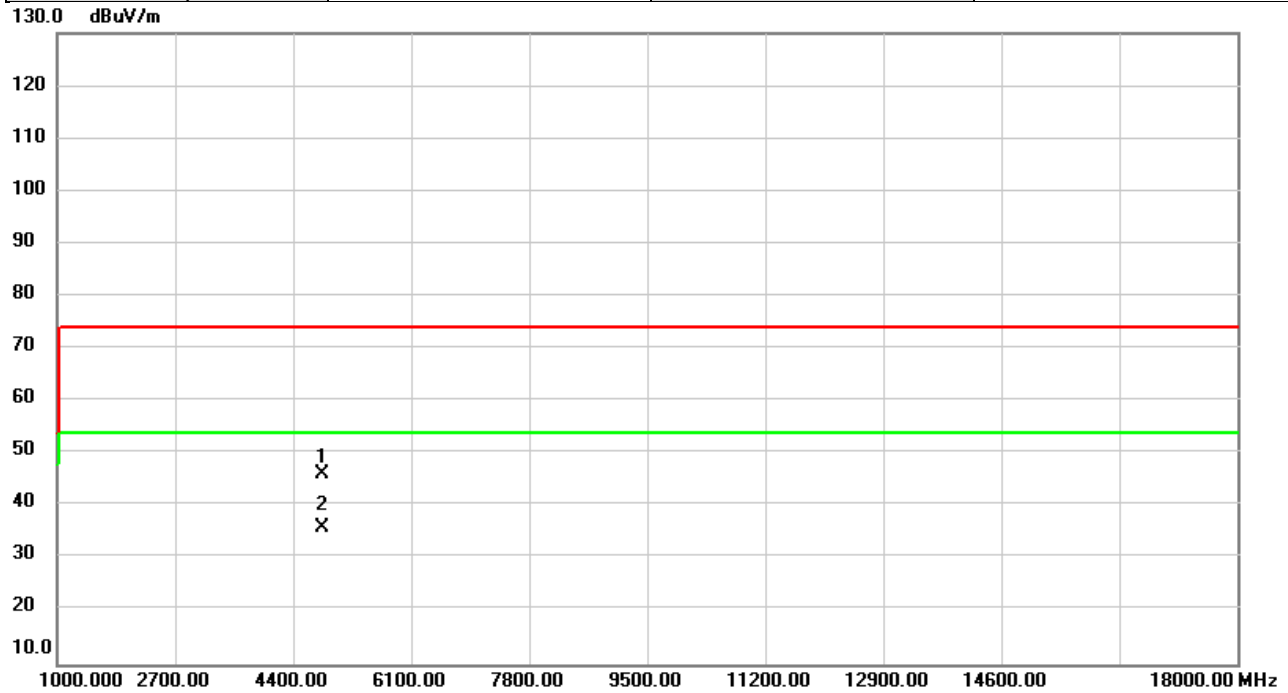


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	45.81	0.92	46.73	74.00	-27.27	peak	
2	*	4824.000	35.36	0.92	36.28	54.00	-17.72	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

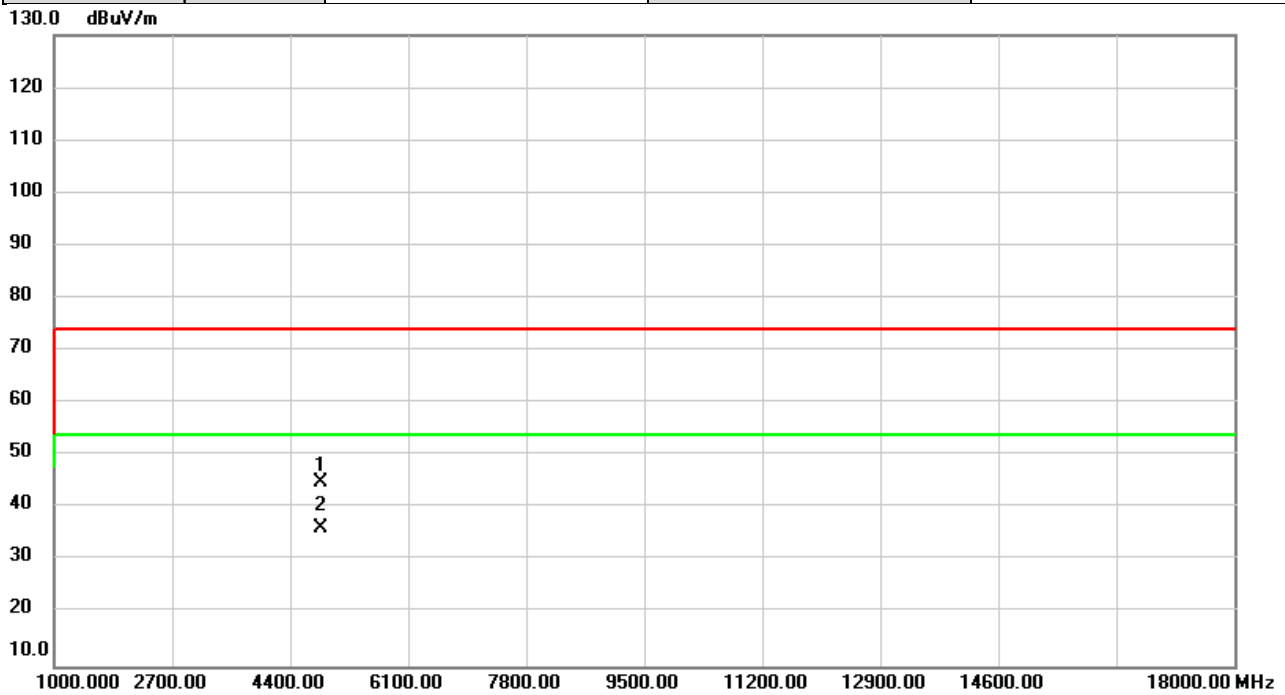


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	45.23	0.92	46.15	74.00	-27.85	peak	
2	*	4824.000	34.93	0.92	35.85	54.00	-18.15	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2417MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

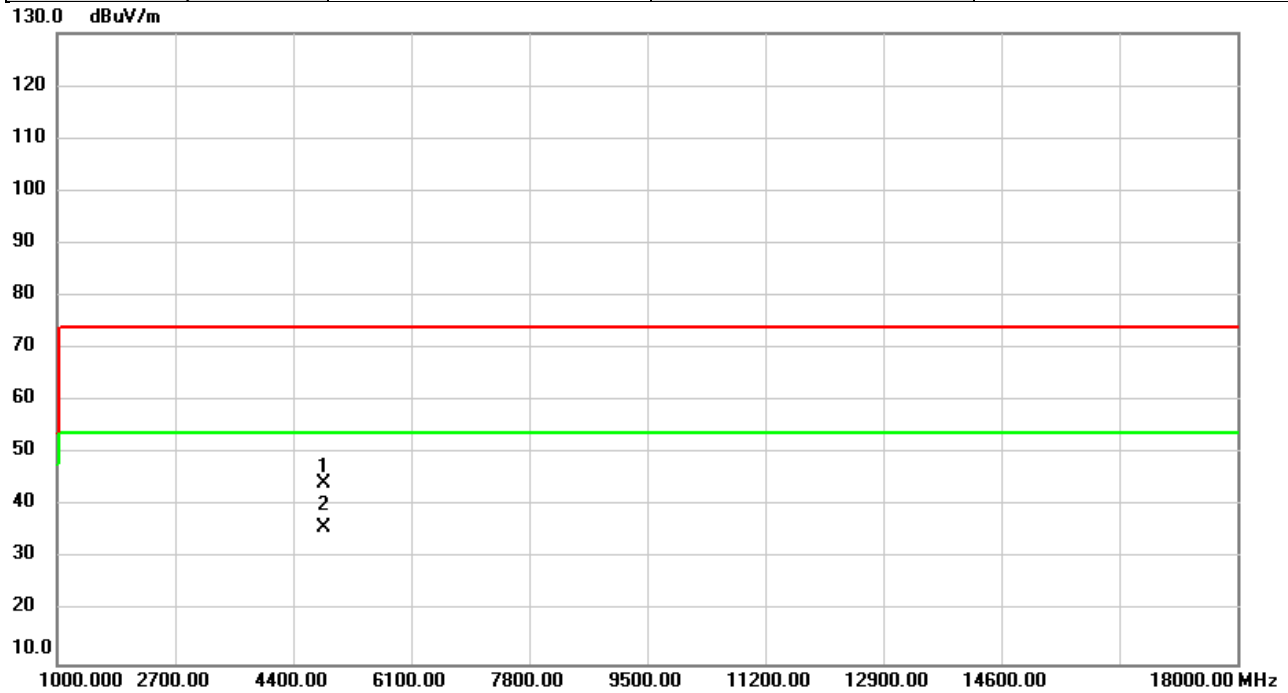


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.000	44.09	0.94	45.03	74.00	-28.97	peak	
2	*	4834.000	35.17	0.94	36.11	54.00	-17.89	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2417MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

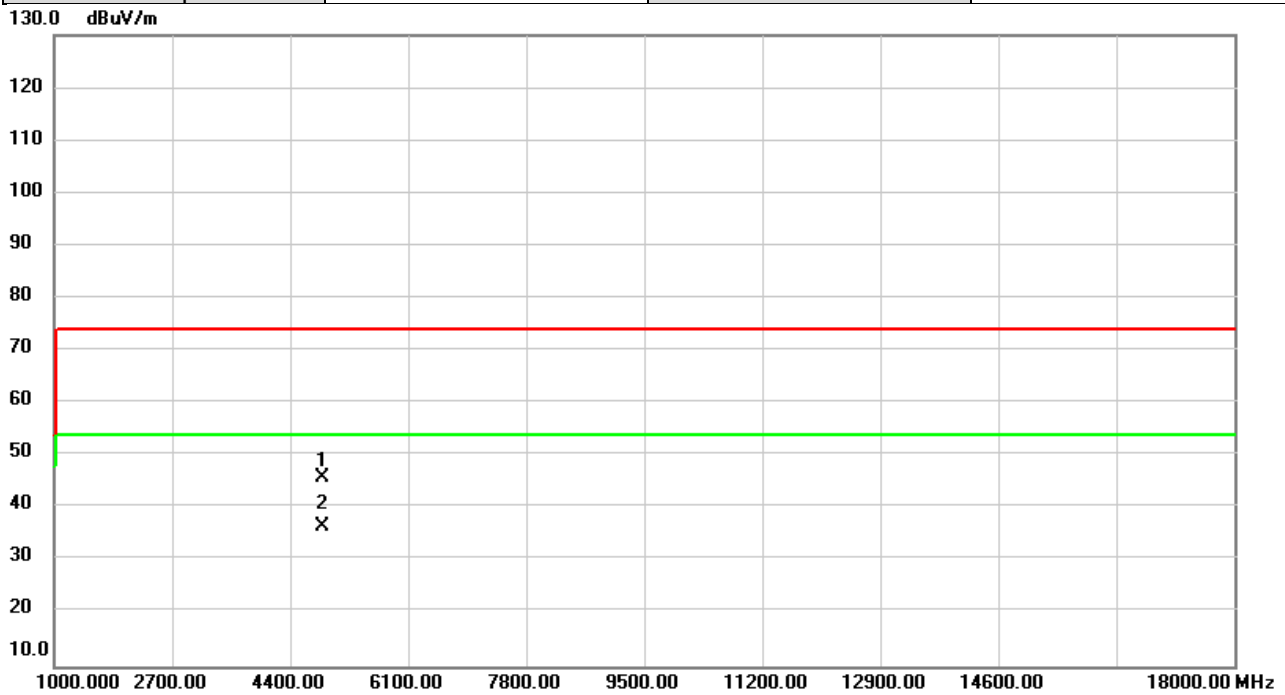


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.000	43.45	0.94	44.39	74.00	-29.61	peak	
2	*	4834.000	35.04	0.94	35.98	54.00	-18.02	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

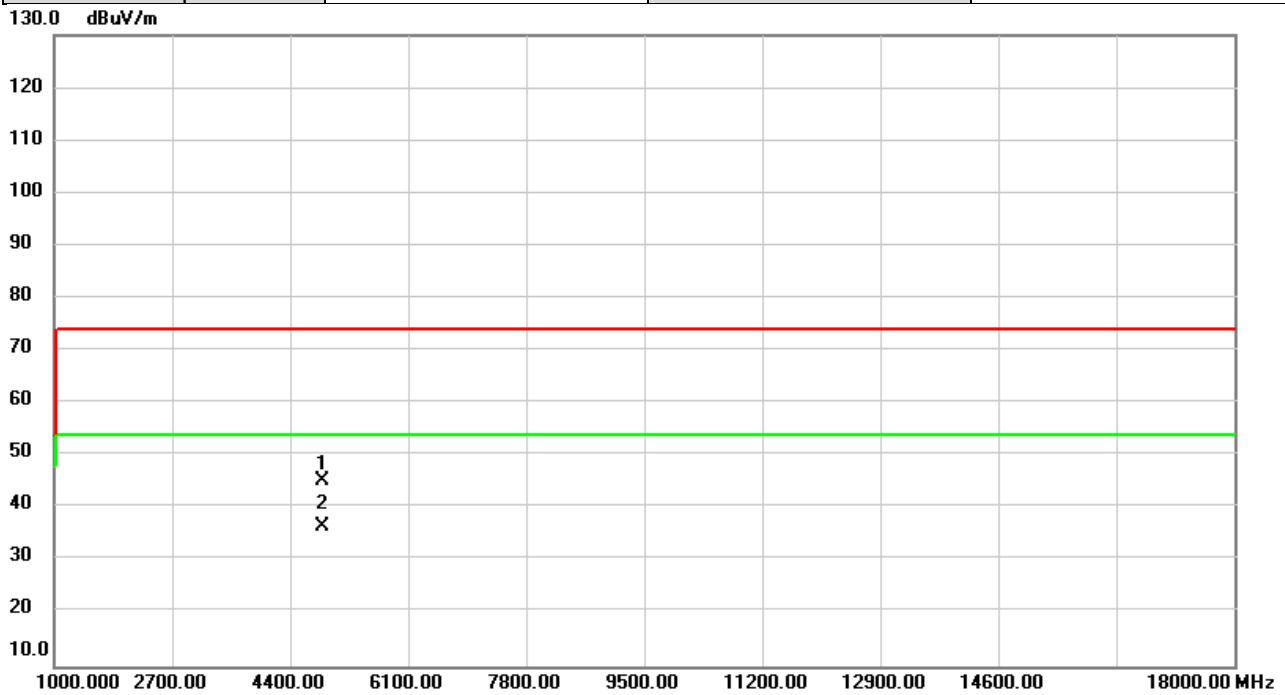


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.85	1.02	45.87	74.00	-28.13	peak	
2	*	4874.000	35.65	1.02	36.67	54.00	-17.33	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

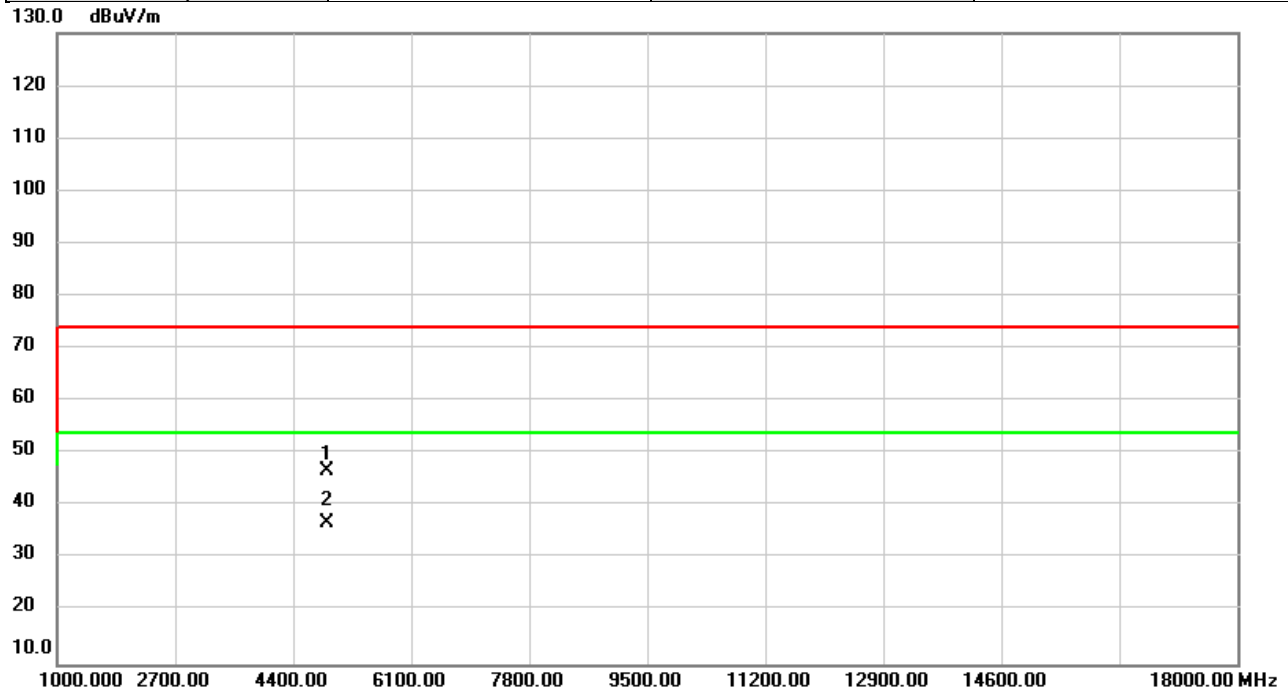


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.35	1.02	45.37	74.00	-28.63	peak	
2	*	4874.000	35.65	1.02	36.67	54.00	-17.33	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

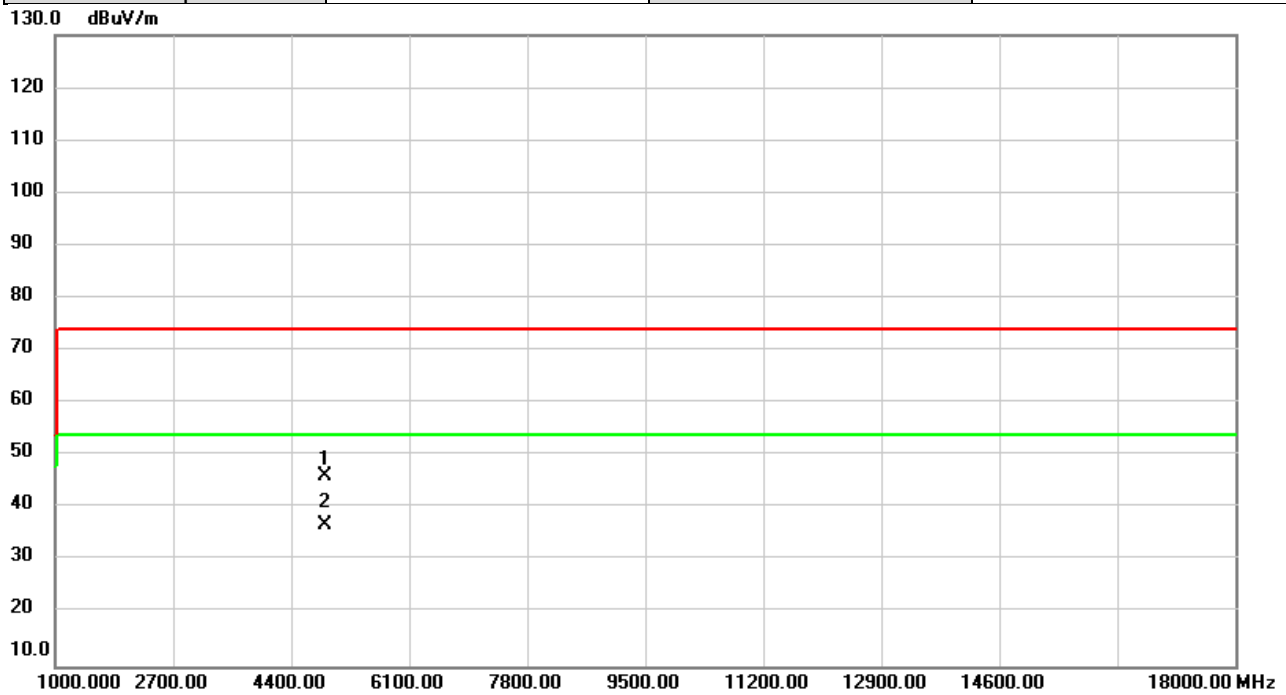


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4894.000	45.73	1.07	46.80	74.00	-27.20	peak	
2	*	4894.000	35.75	1.07	36.82	54.00	-17.18	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

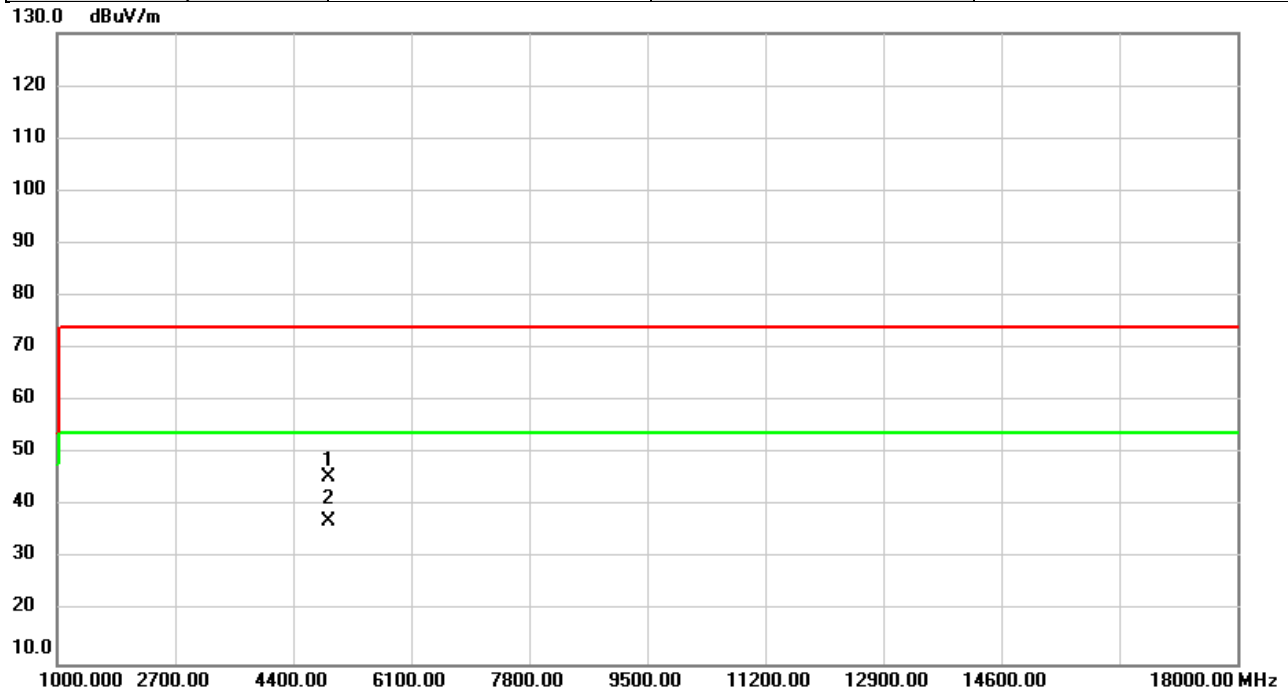


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4884.000	45.22	1.04	46.26	74.00	-27.74	peak	
2	*	4884.000	35.71	1.04	36.75	54.00	-17.25	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2457MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

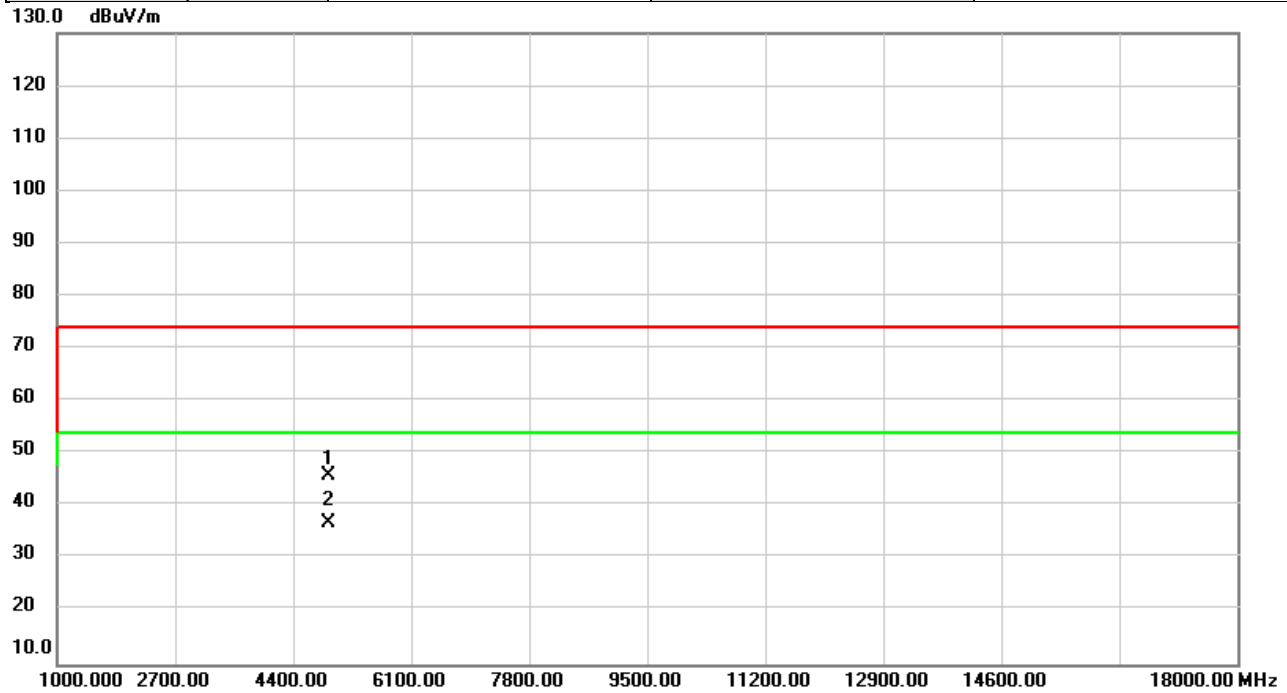


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	44.41	1.11	45.52	74.00	-28.48	peak	
2	*	4914.000	36.02	1.11	37.13	54.00	-16.87	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2457MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

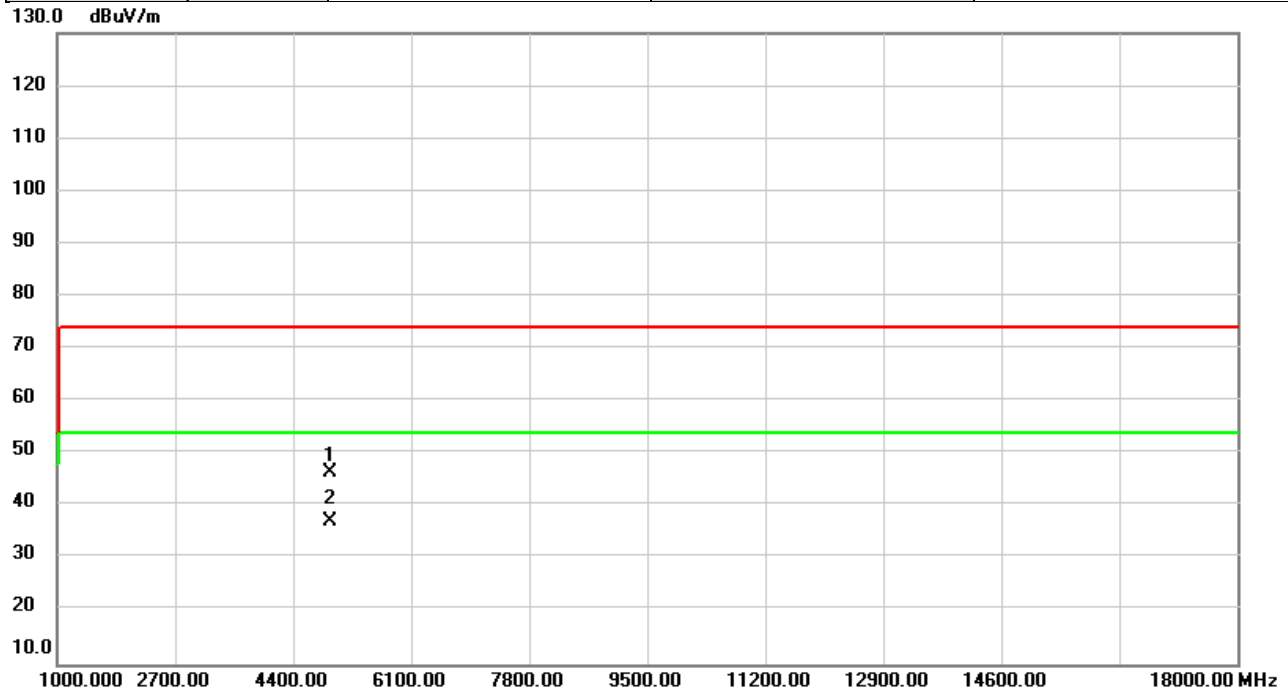


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	44.65	1.11	45.76	74.00	-28.24	peak	
2	*	4914.000	35.63	1.11	36.74	54.00	-17.26	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

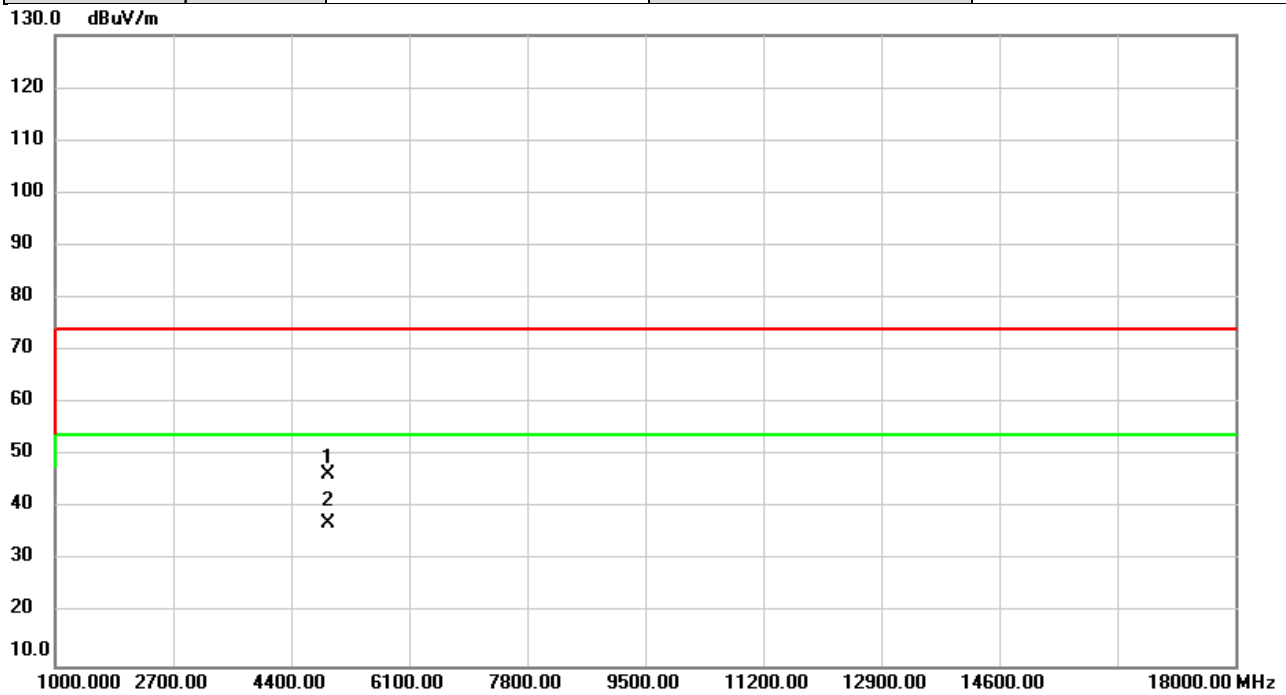


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.40	1.13	46.53	74.00	-27.47	peak	
2	*	4924.000	36.10	1.13	37.23	54.00	-16.77	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/5/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

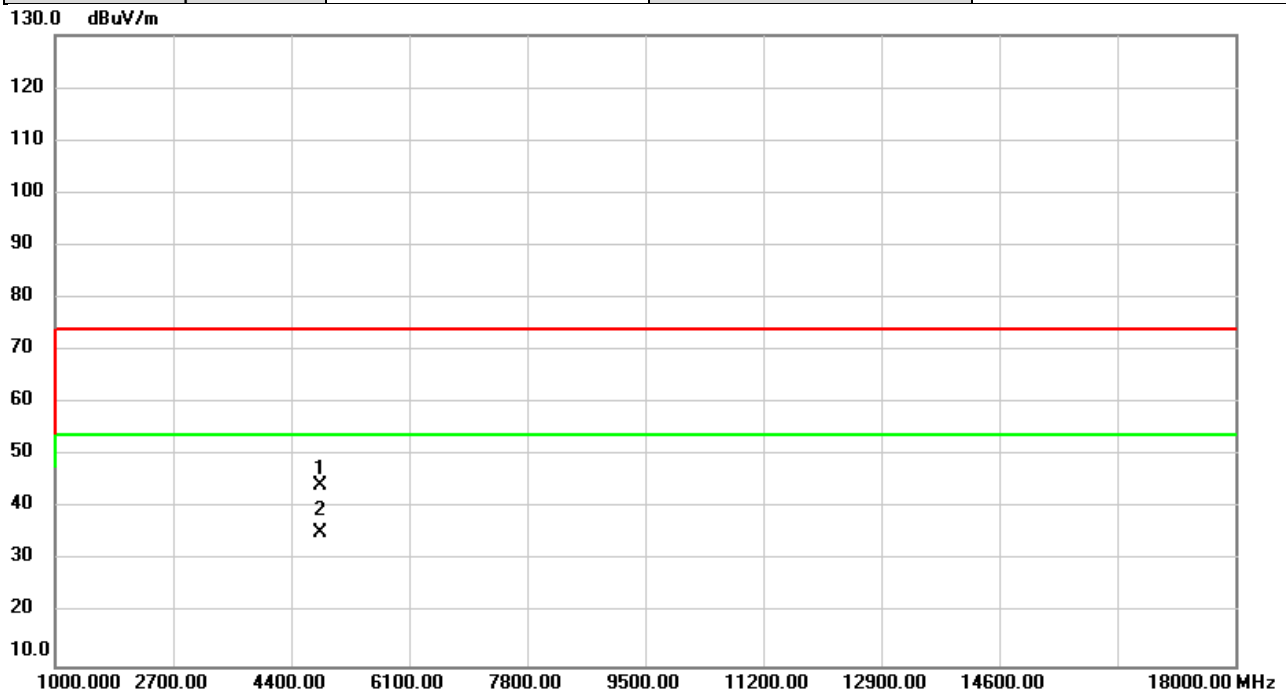


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.45	1.13	46.58	74.00	-27.42	peak	
2	*	4924.000	35.93	1.13	37.06	54.00	-16.94	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2412MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

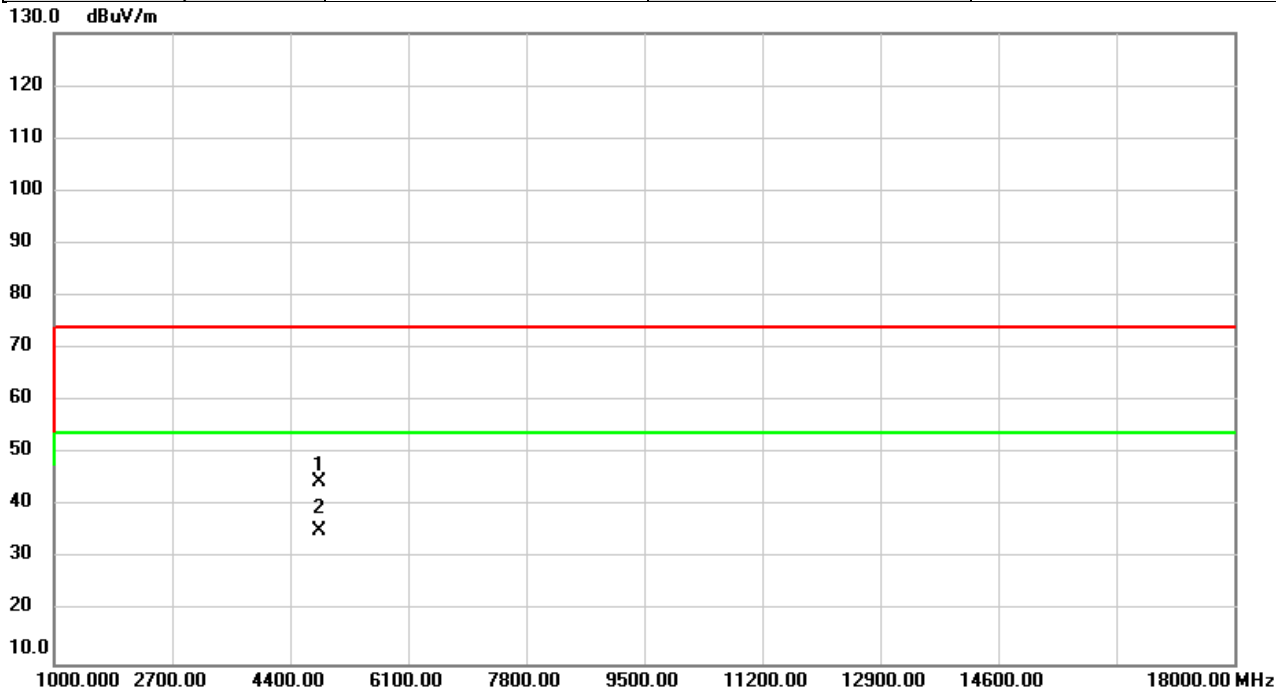


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.30	0.92	44.22	74.00	-29.78	peak	
2	*	4824.000	34.52	0.92	35.44	54.00	-18.56	AVG	

REMARKS:

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

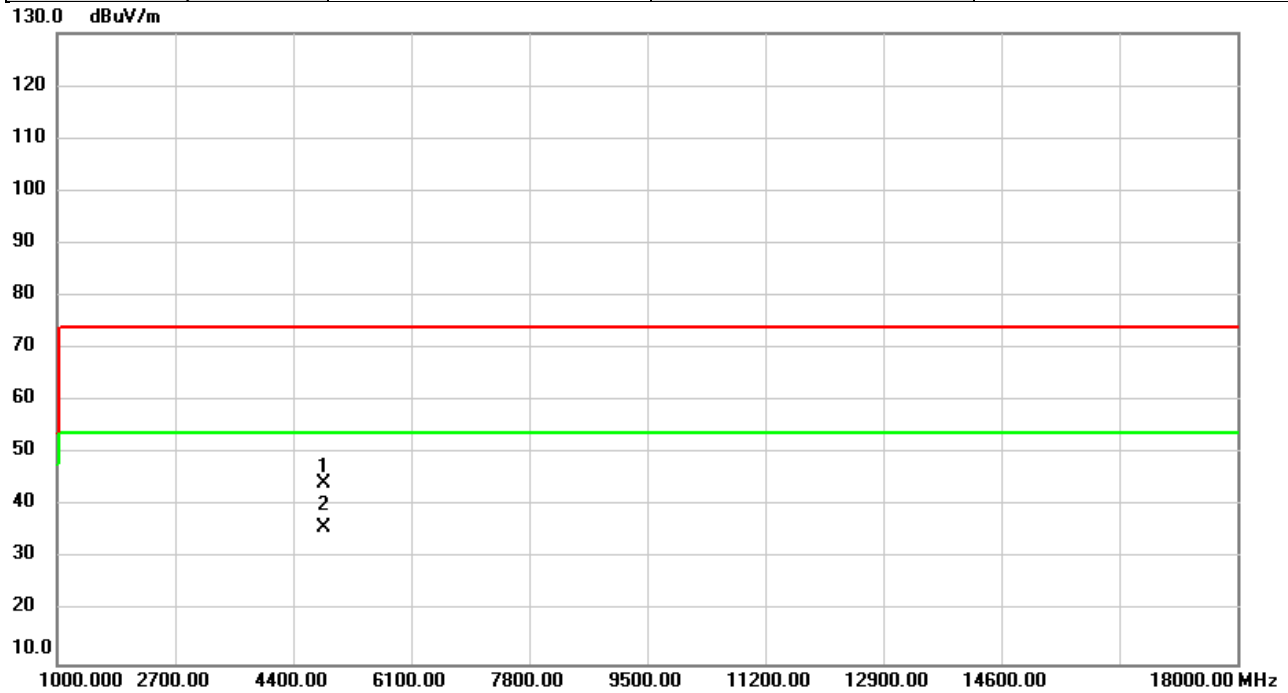
Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.69	0.92	44.61	74.00	-29.39	peak	
2	*	4824.000	34.43	0.92	35.35	54.00	-18.65	AVG	

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2417MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

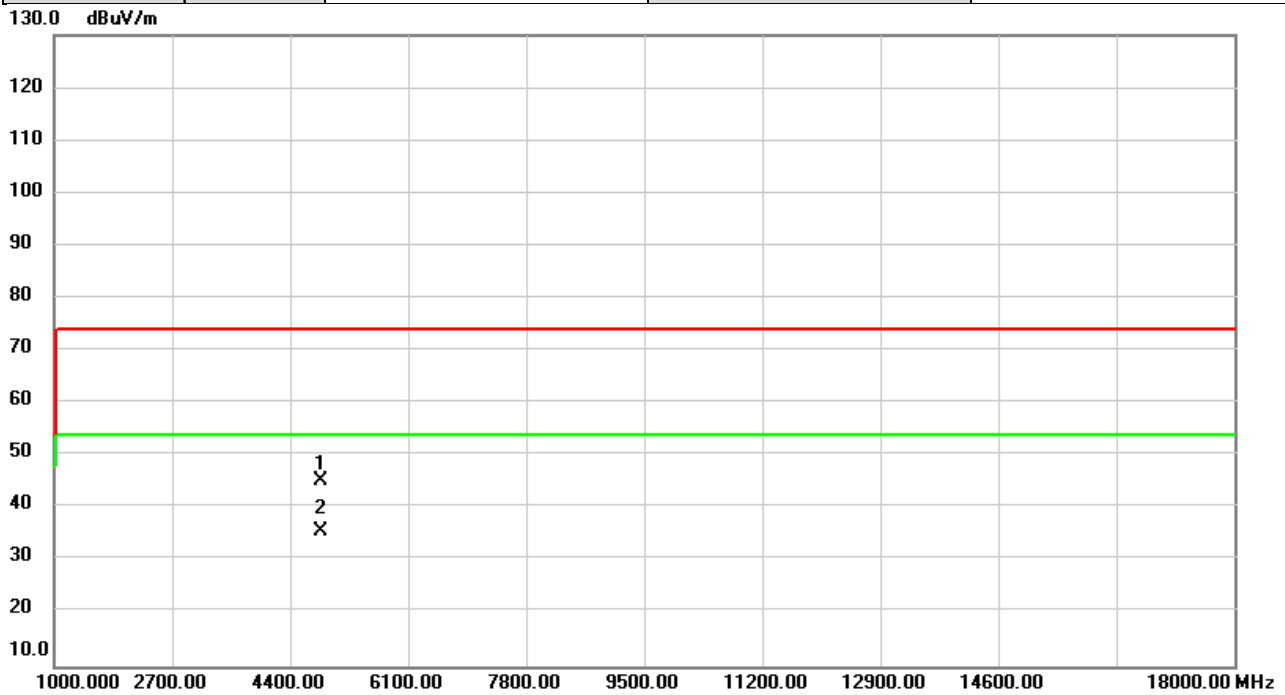


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.000	43.29	0.94	44.23	74.00	-29.77	peak	
2	*	4834.000	35.09	0.94	36.03	54.00	-17.97	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2417MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

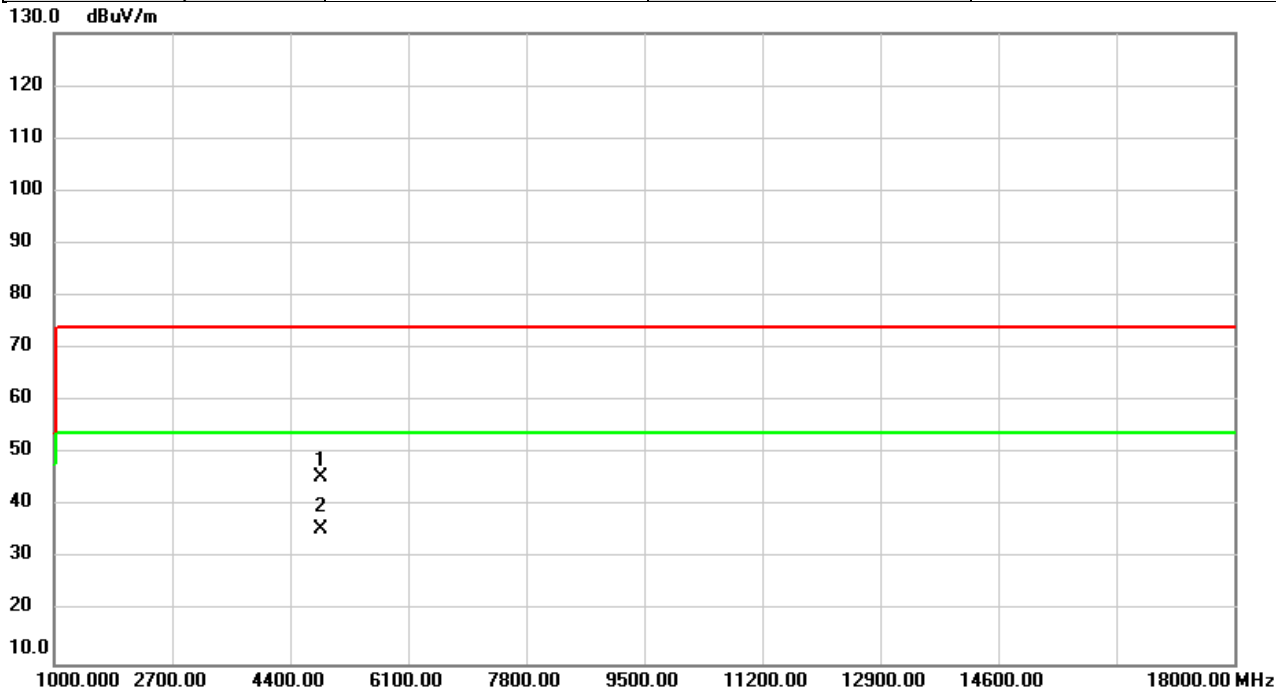


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.000	44.38	0.94	45.32	74.00	-28.68	peak	
2	*	4834.000	34.63	0.94	35.57	54.00	-18.43	AVG	

REMARKS:

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

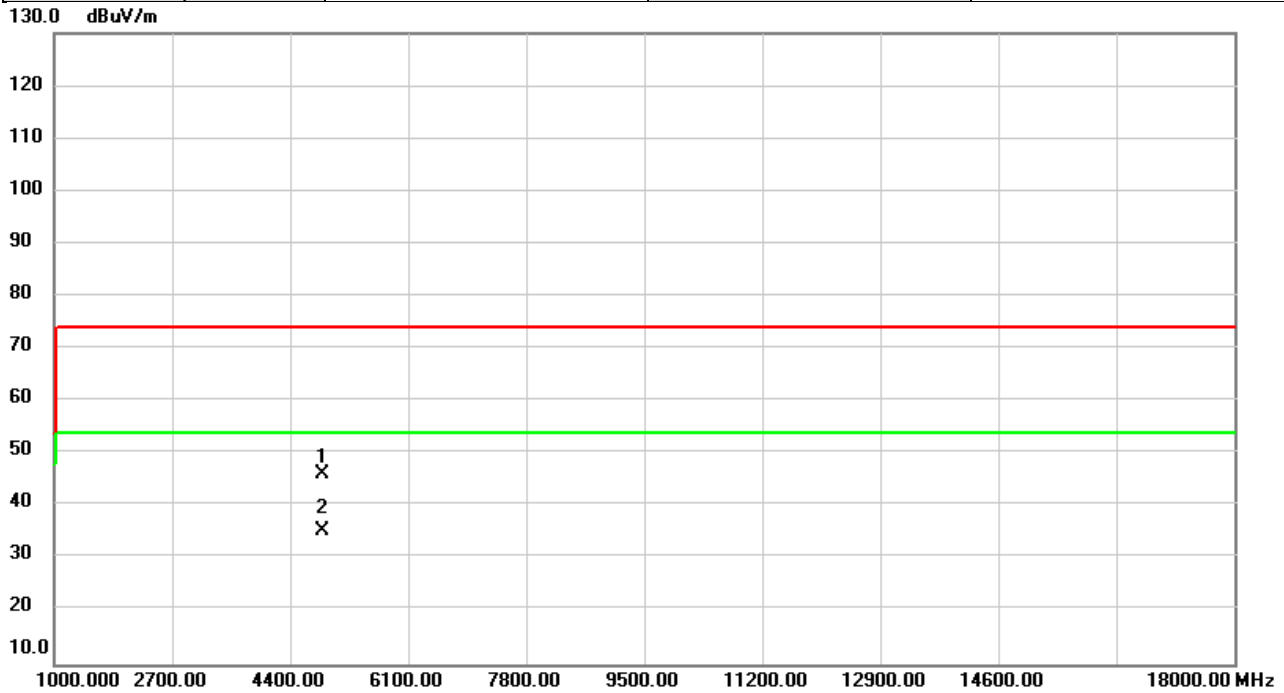
Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	66%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4834.000	44.53	0.94	45.47	74.00	-28.53	peak	
2	*	4834.000	34.68	0.94	35.62	54.00	-18.38	AVG	

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

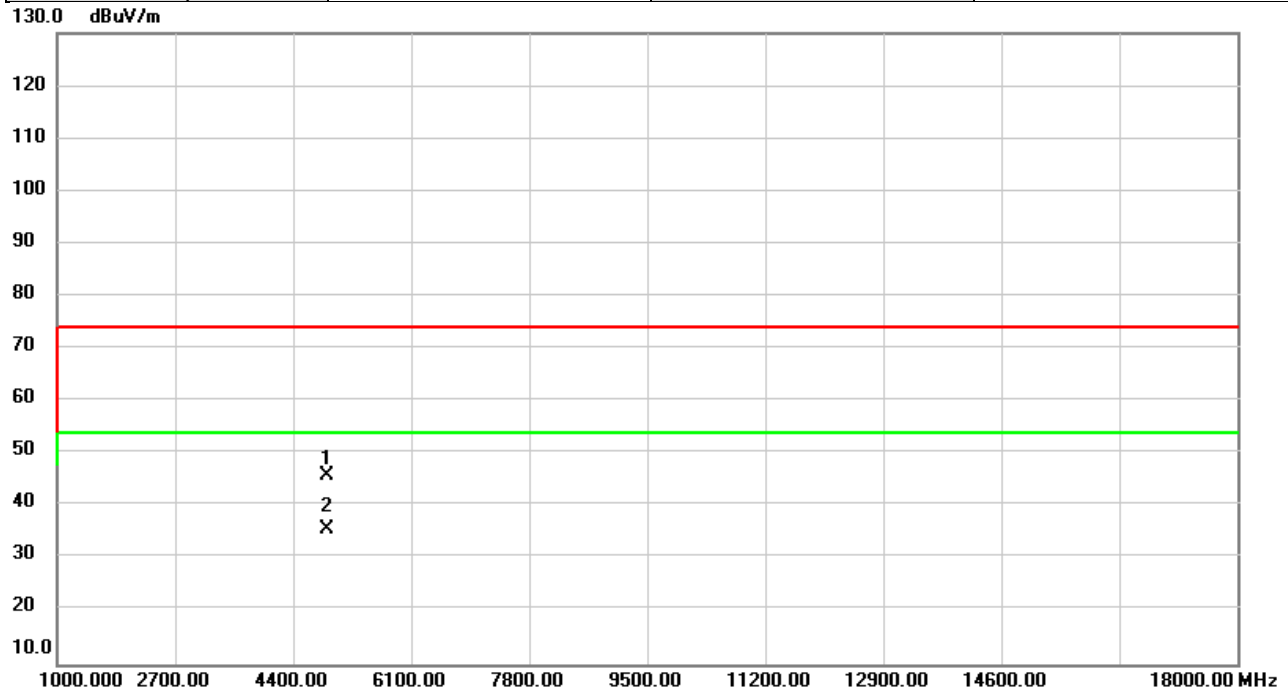


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.17	1.02	46.19	74.00	-27.81	peak	
2	*	4874.000	34.47	1.02	35.49	54.00	-18.51	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

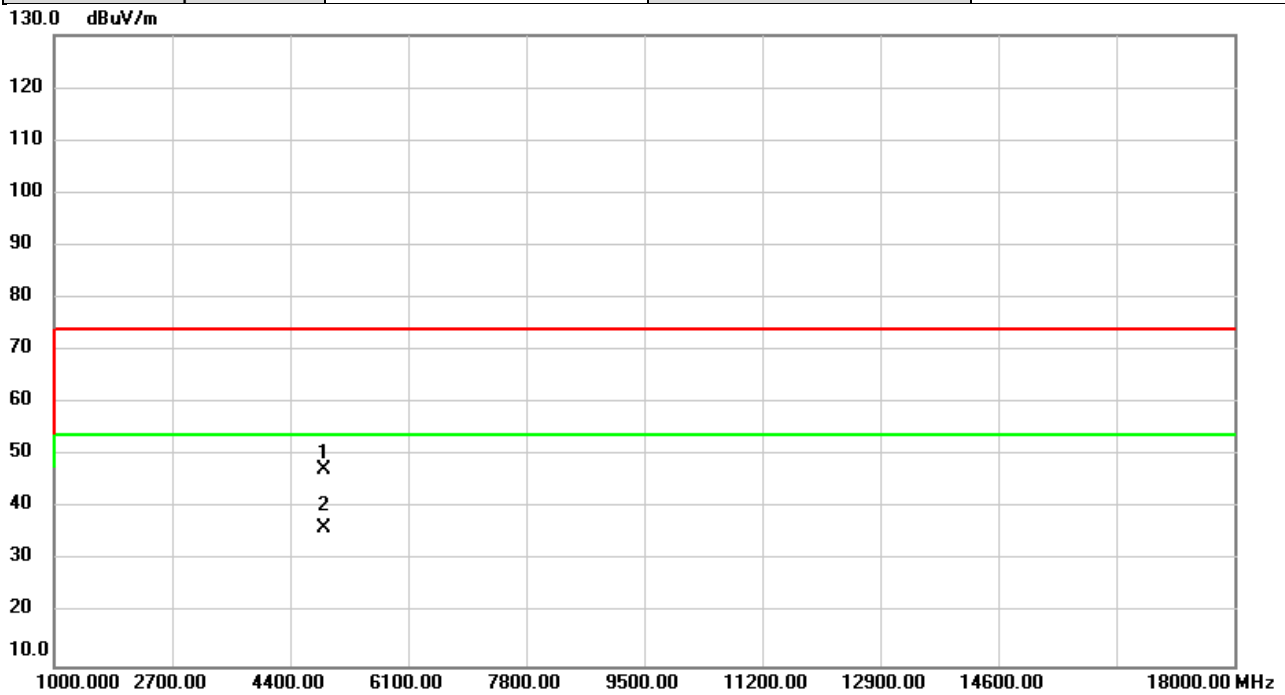


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4884.000	44.72	1.04	45.76	74.00	-28.24	peak	
2	*	4884.000	34.56	1.04	35.60	54.00	-18.40	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

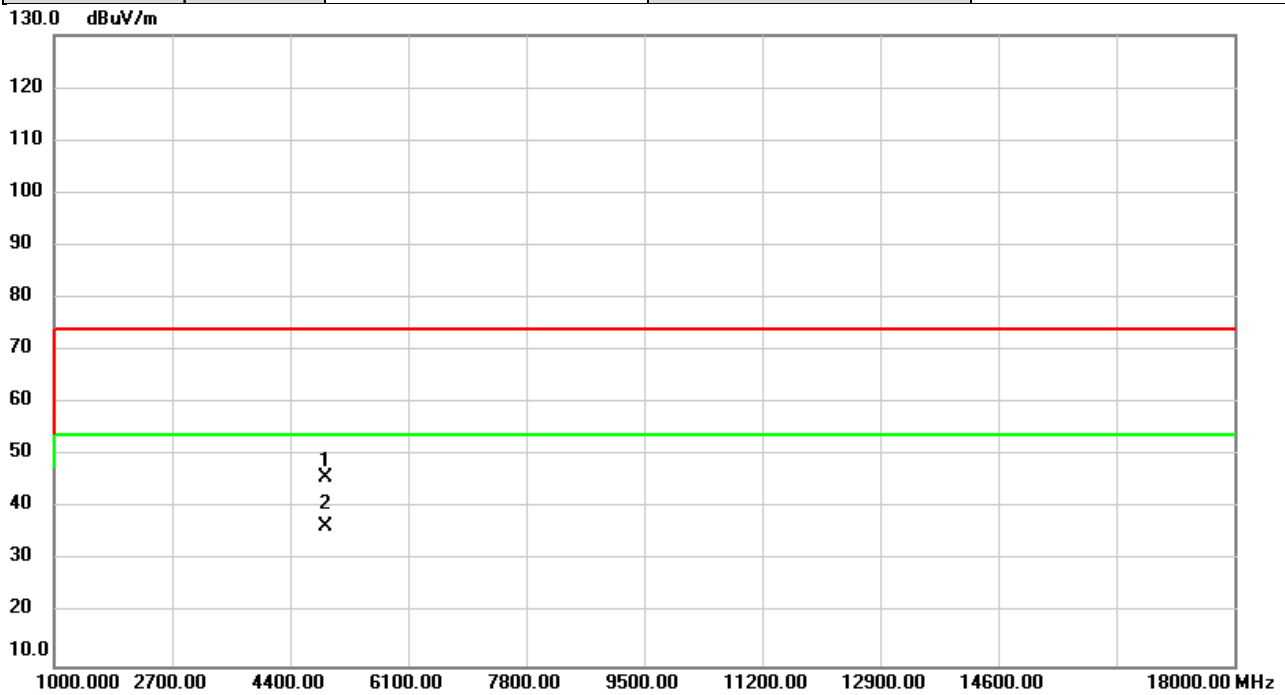


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4884.000	46.21	1.04	47.25	74.00	-26.75	peak	
2	*	4884.000	35.19	1.04	36.23	54.00	-17.77	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2457MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

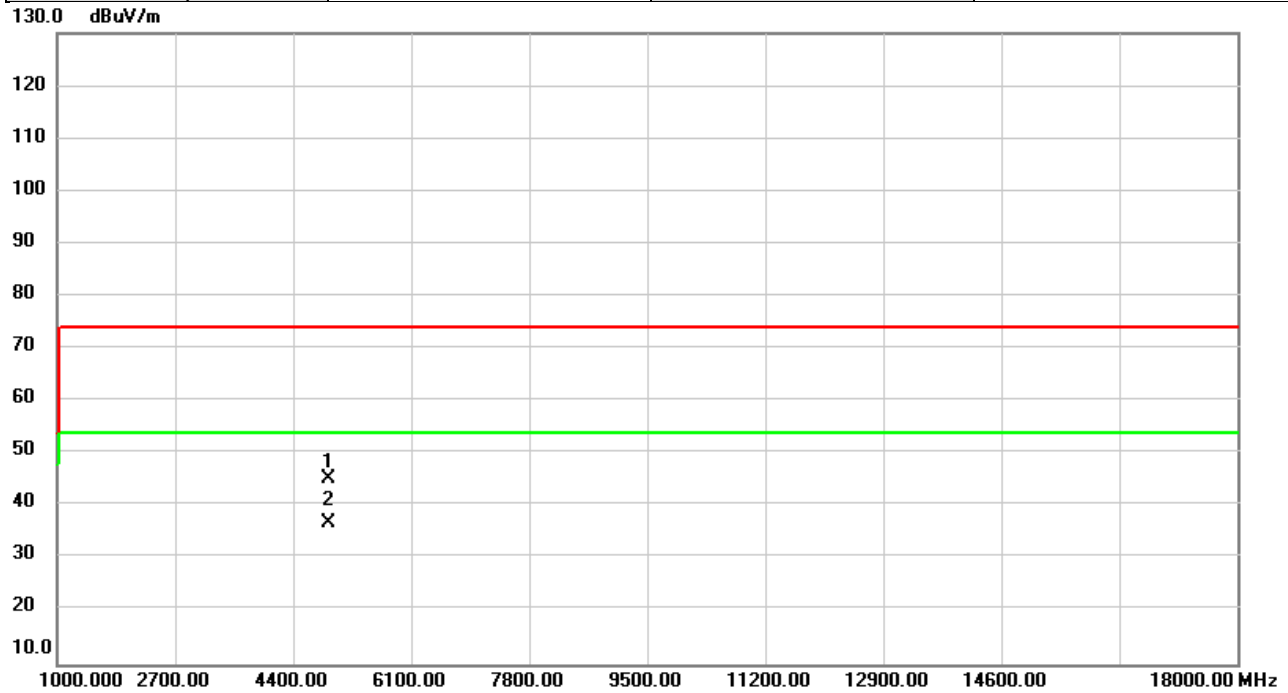


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	44.74	1.11	45.85	74.00	-28.15	peak	
2	*	4914.000	35.56	1.11	36.67	54.00	-17.33	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2457MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

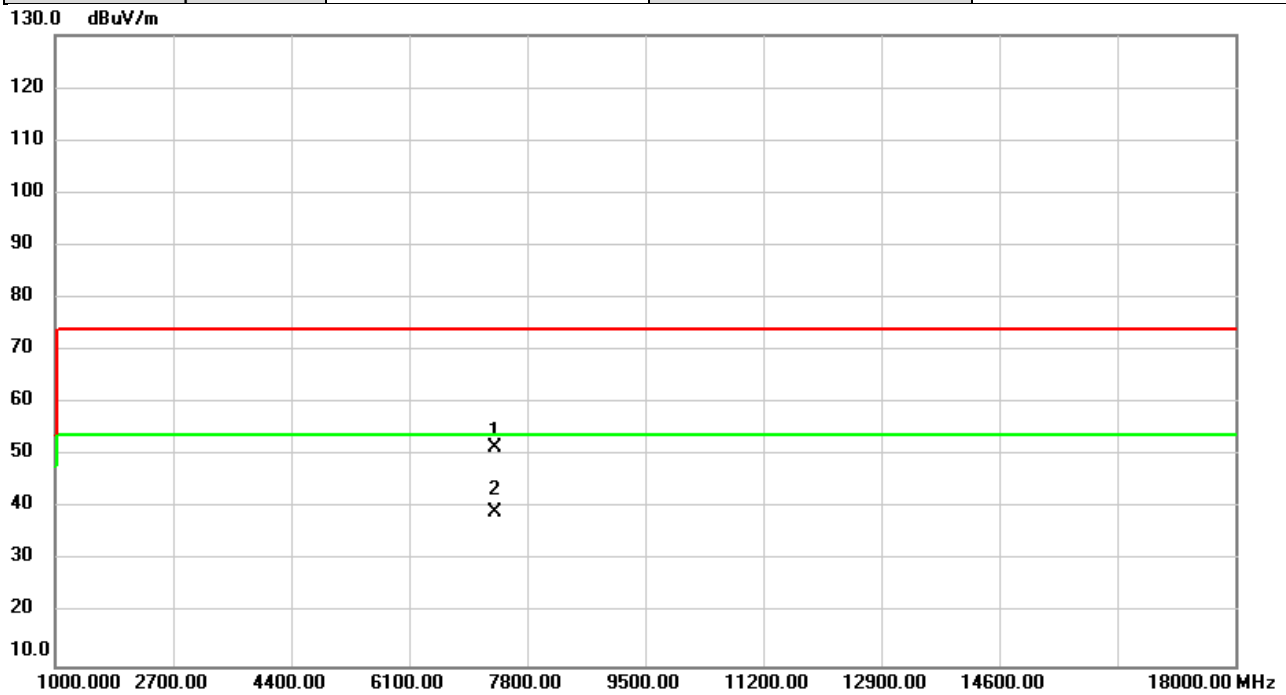


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4917.000	44.15	1.11	45.26	74.00	-28.74	peak	
2	*	4917.000	35.63	1.11	36.74	54.00	-17.26	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

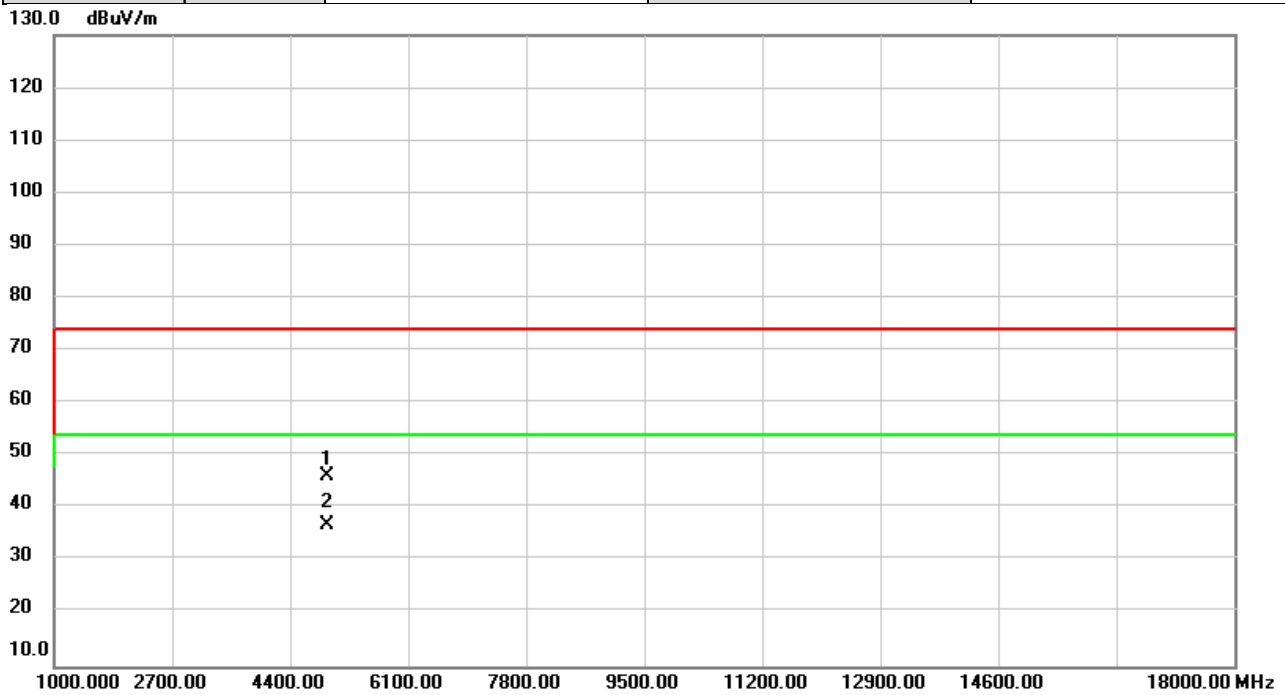


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7326.000	44.86	6.77	51.63	74.00	-22.37	peak	
2	*	7326.000	32.38	6.77	39.15	54.00	-14.85	AVG	

REMARKS:

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

Test Mode	VHT20	Test Date	2024/5/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

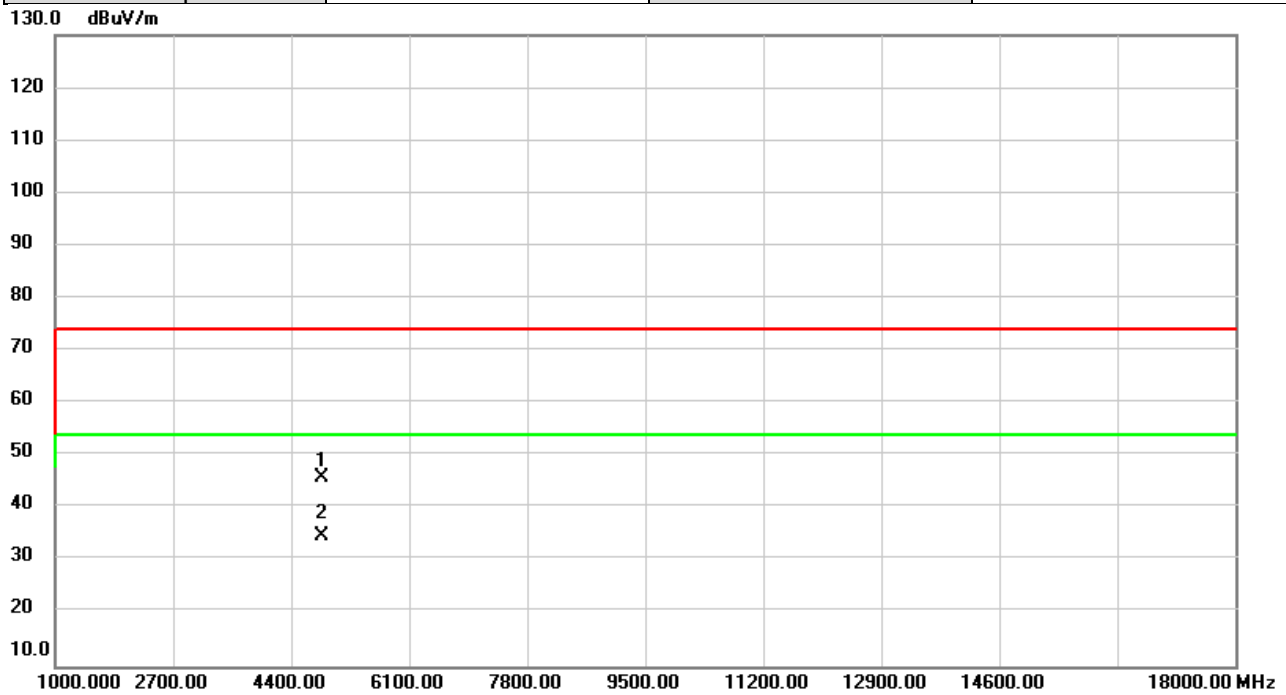


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.00	1.13	46.13	74.00	-27.87	peak	
2	*	4924.000	35.85	1.13	36.98	54.00	-17.02	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2422MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

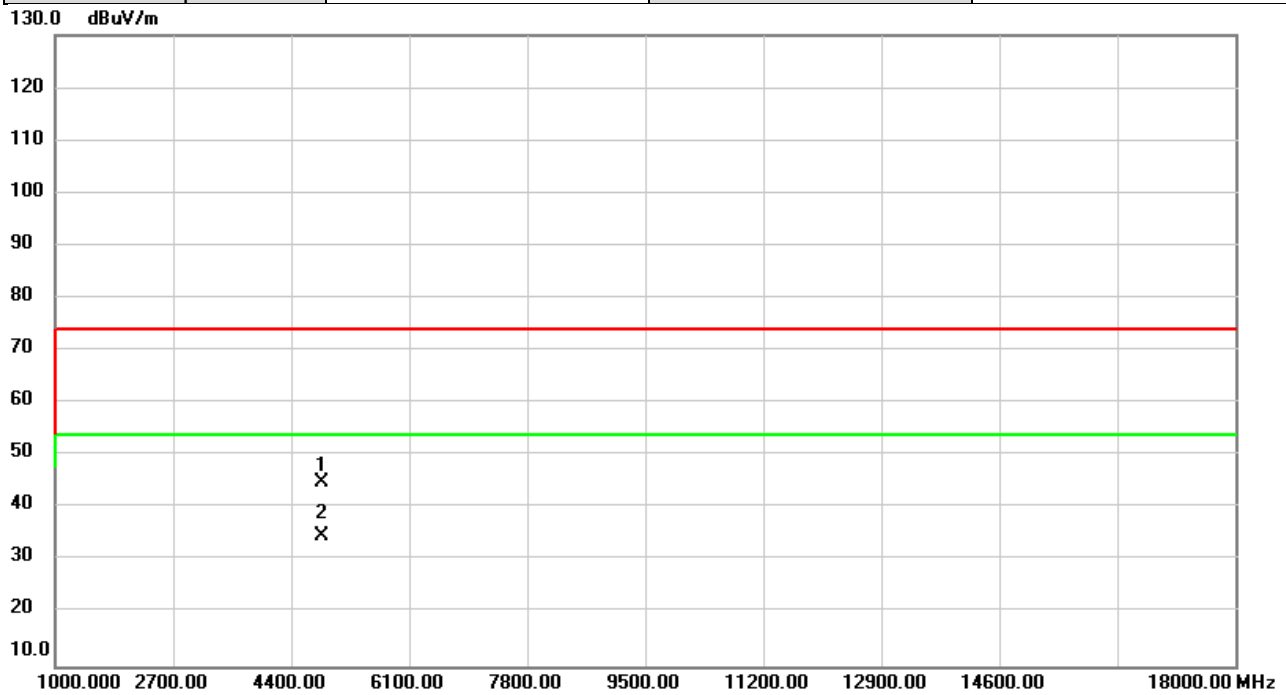


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.96	0.96	45.92	74.00	-28.08	peak	
2	*	4844.000	33.82	0.96	34.78	54.00	-19.22	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2422MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

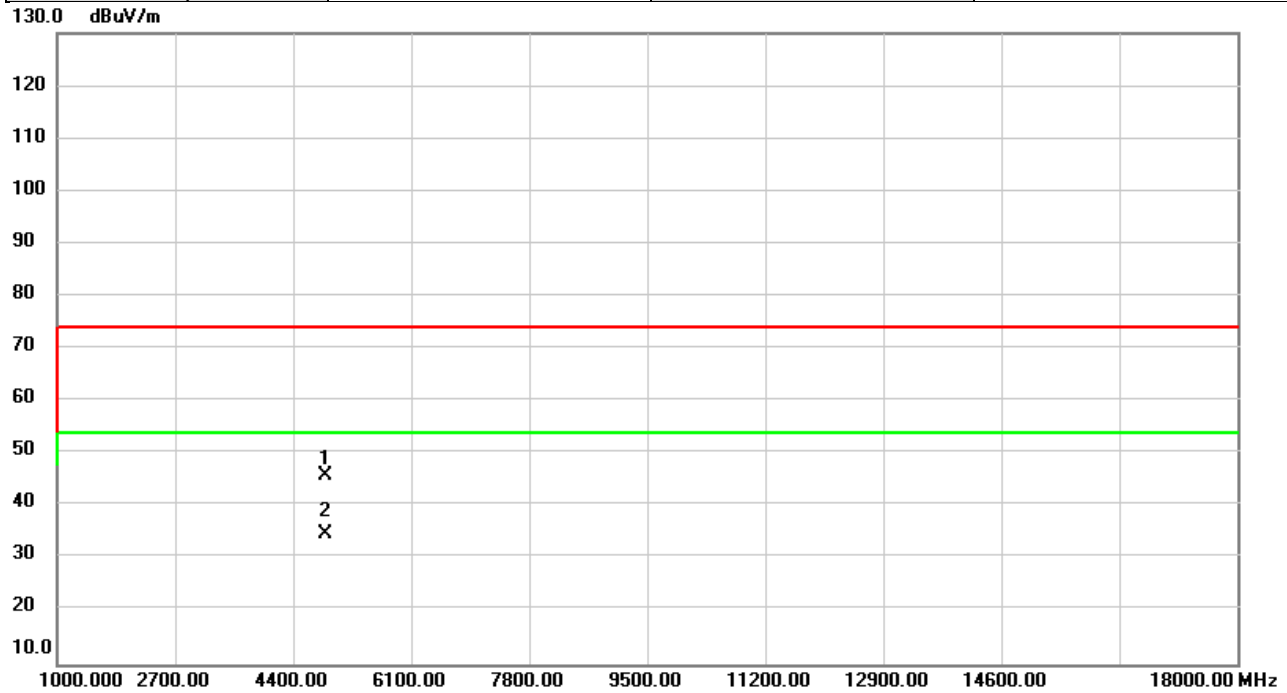


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.04	0.96	45.00	74.00	-29.00	peak	
2	*	4844.000	33.64	0.96	34.60	54.00	-19.40	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2427MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

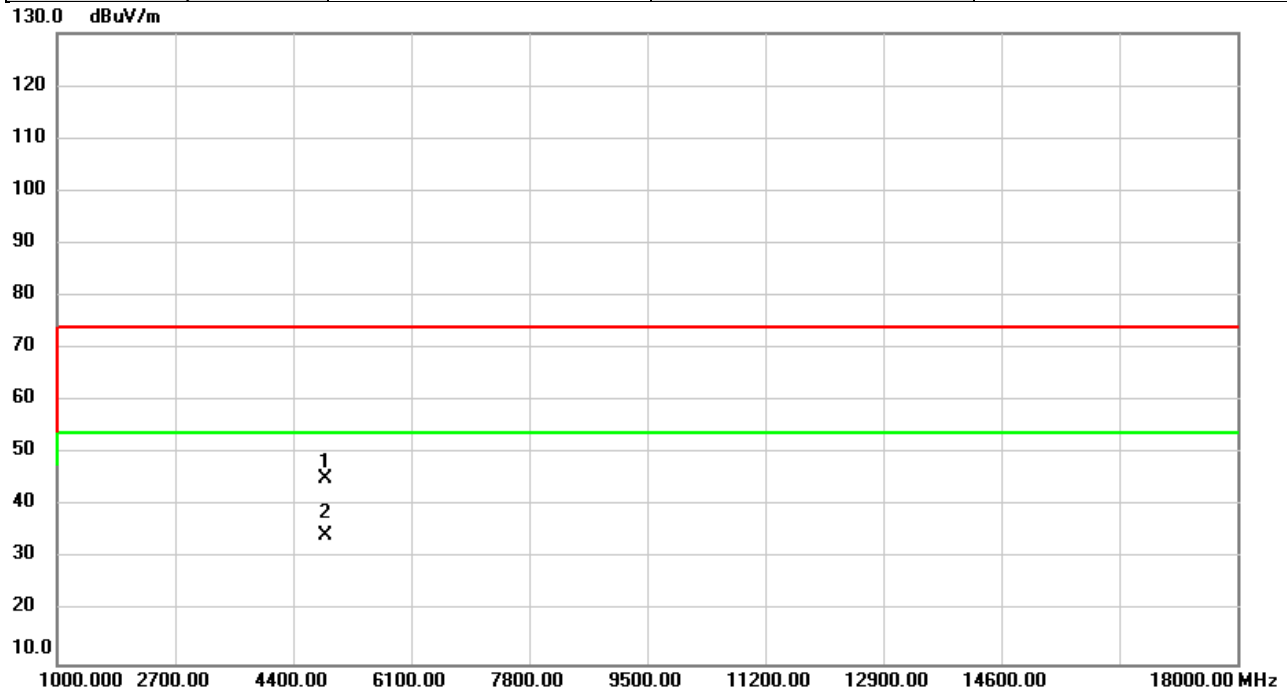


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4854.000	44.99	0.98	45.97	74.00	-28.03	peak	
2	*	4854.000	33.84	0.98	34.82	54.00	-19.18	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2427MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

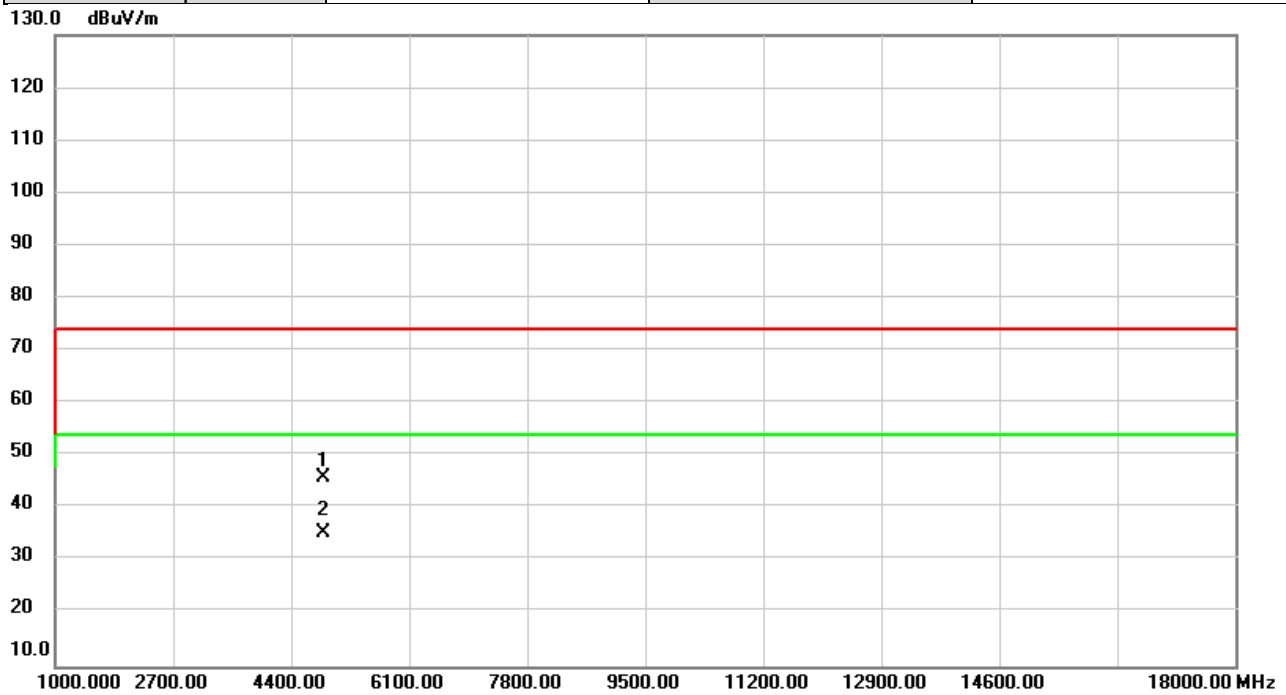


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4854.000	44.14	0.98	45.12	74.00	-28.88	peak	
2	*	4854.000	33.47	0.98	34.45	54.00	-19.55	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

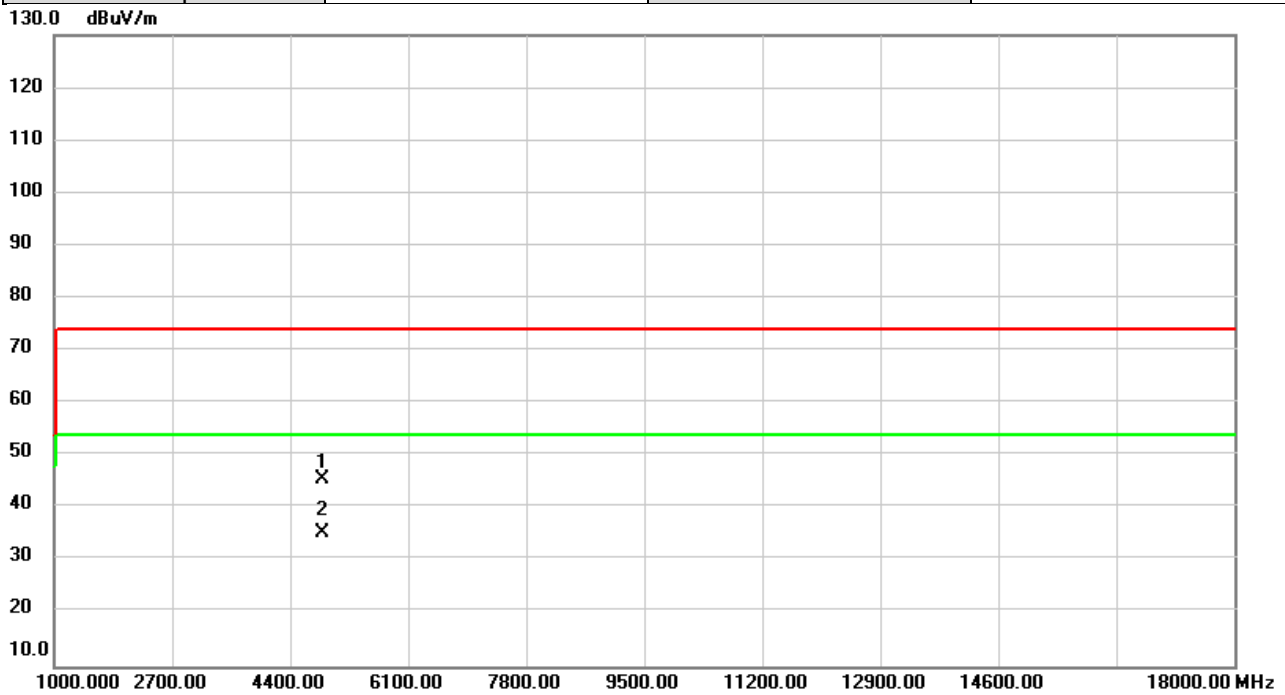


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.83	1.02	45.85	74.00	-28.15	peak	
2	*	4874.000	34.41	1.02	35.43	54.00	-18.57	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

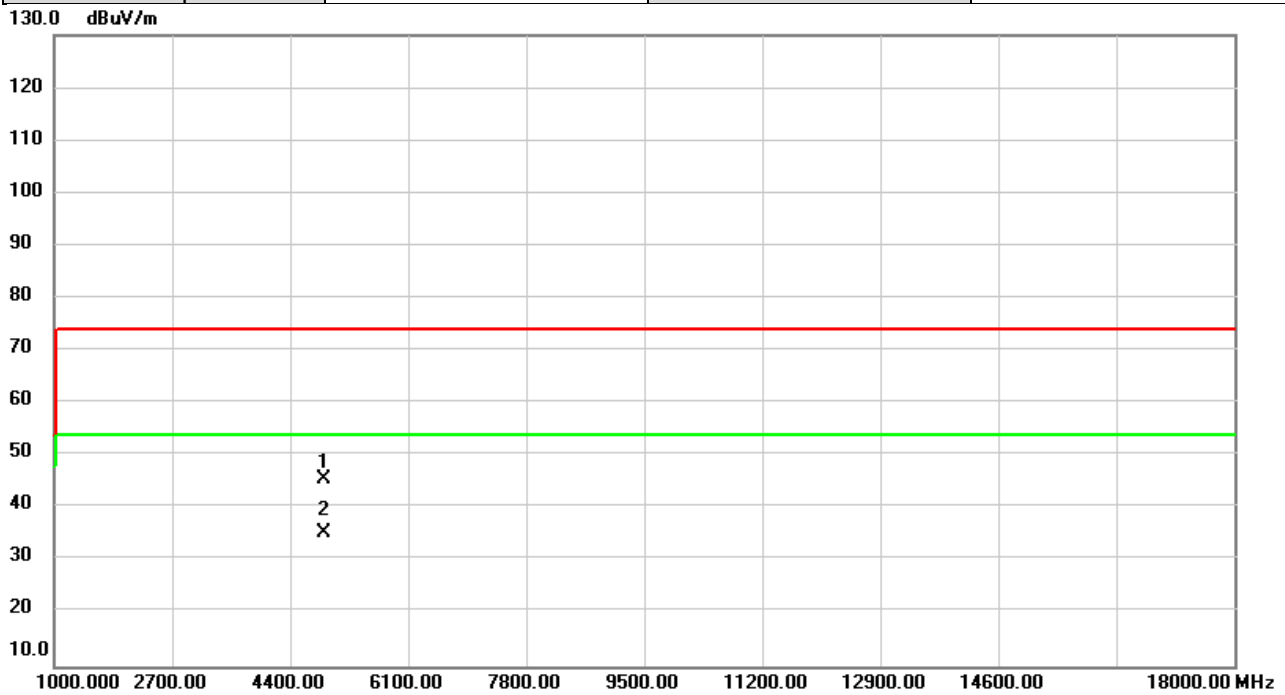


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.63	1.02	45.65	74.00	-28.35	peak	
2	*	4874.000	34.23	1.02	35.25	54.00	-18.75	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

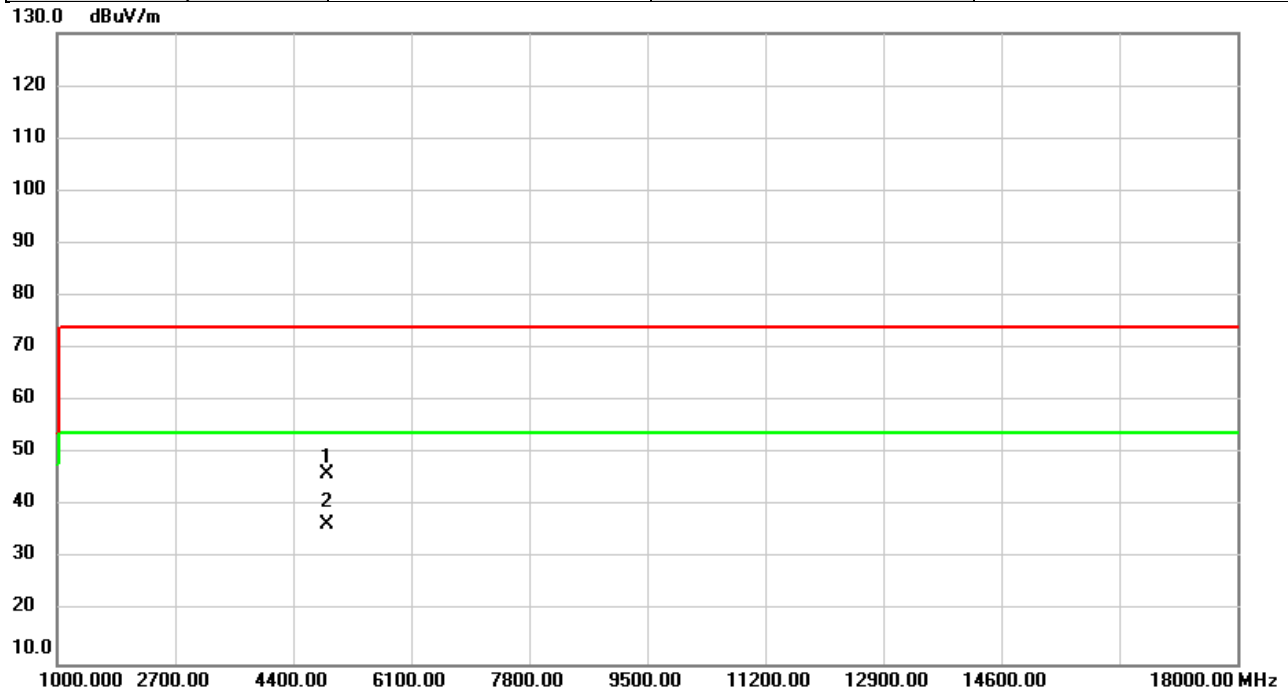


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4884.000	44.62	1.04	45.66	74.00	-28.34	peak	
2	*	4884.000	34.39	1.04	35.43	54.00	-18.57	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

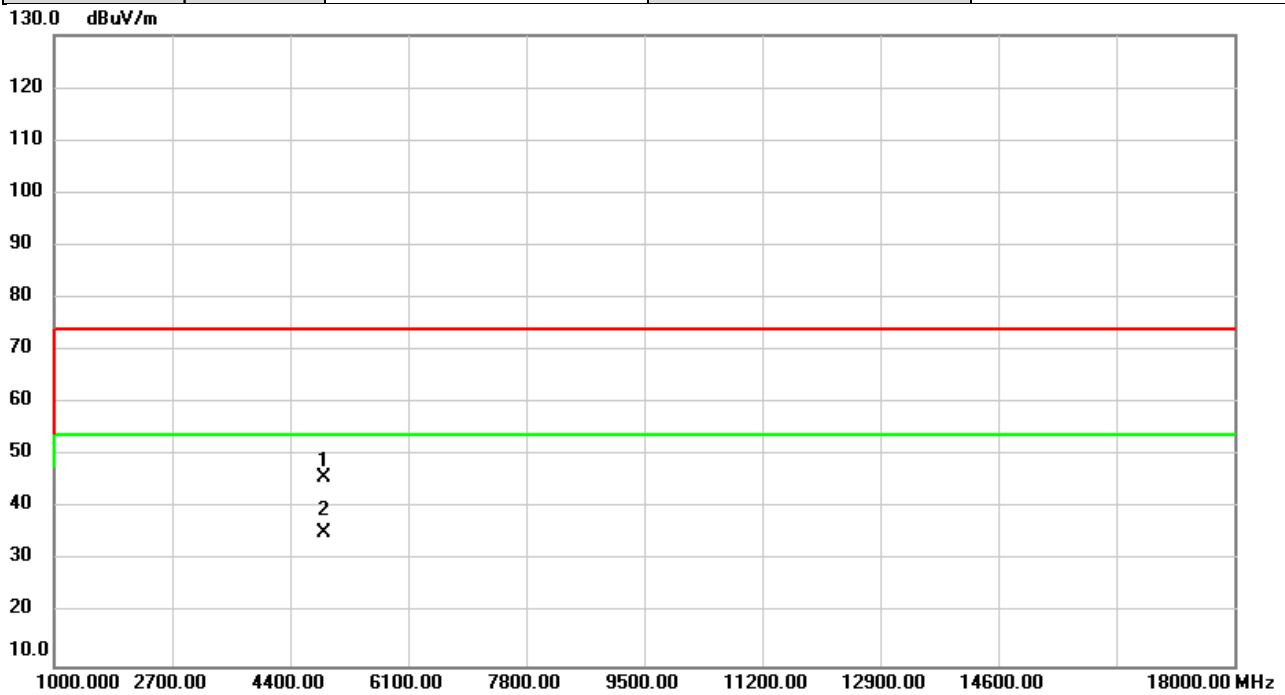


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4884.000	45.12	1.04	46.16	74.00	-27.84	peak	
2	*	4884.000	35.51	1.04	36.55	54.00	-17.45	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2447MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

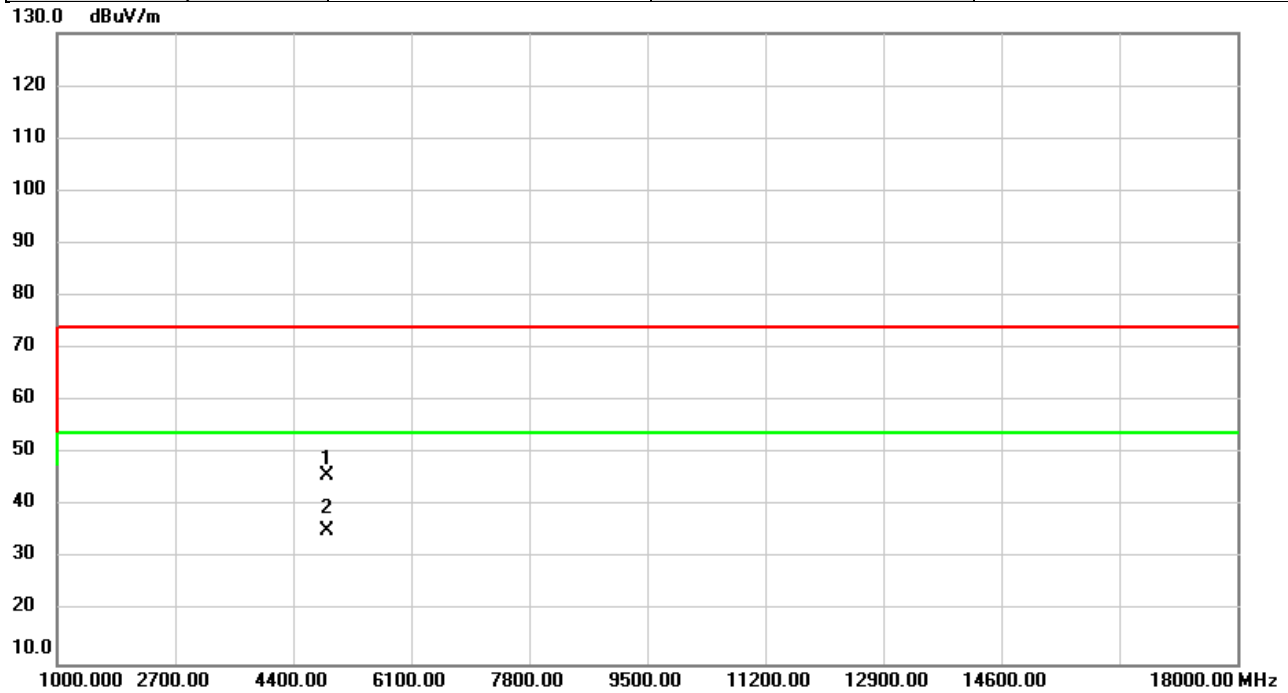


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4894.000	44.66	1.07	45.73	74.00	-28.27	peak	
2	*	4894.000	34.38	1.07	35.45	54.00	-18.55	AVG	

REMARKS:

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2447MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

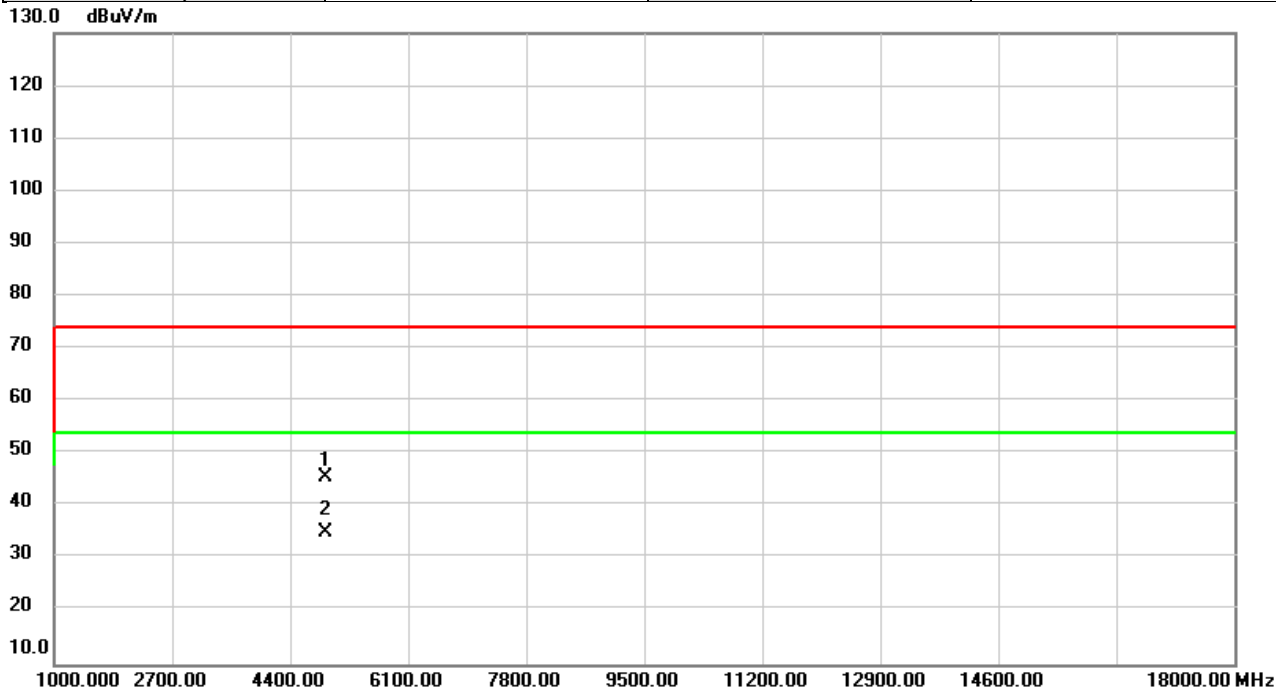


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4894.000	44.80	1.07	45.87	74.00	-28.13	peak	
2	*	4894.000	34.20	1.07	35.27	54.00	-18.73	AVG	

REMARKS:

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

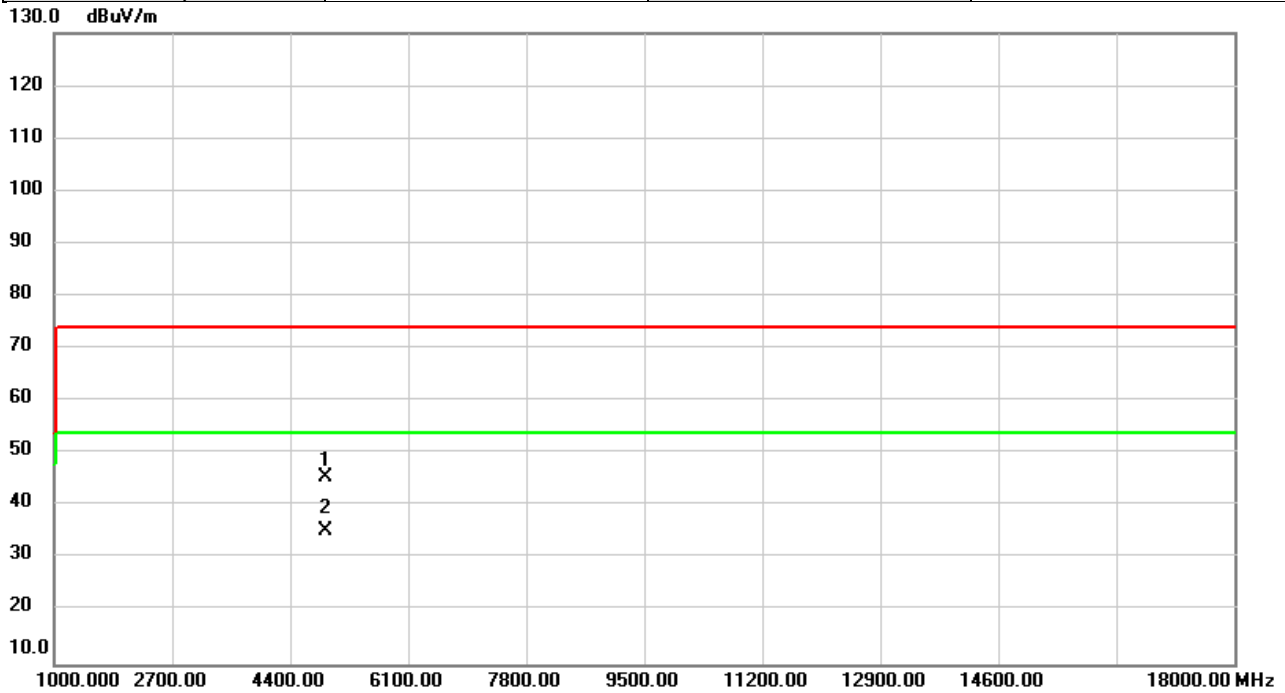
Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2452MHz	Polarization	Vertical
Temp	21°C	Hum.	66%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	44.40	1.09	45.49	74.00	-28.51	peak	
2	*	4904.000	34.08	1.09	35.17	54.00	-18.83	AVG	

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

Test Mode	VHT40	Test Date	2024/5/14
Test Frequency	2452MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

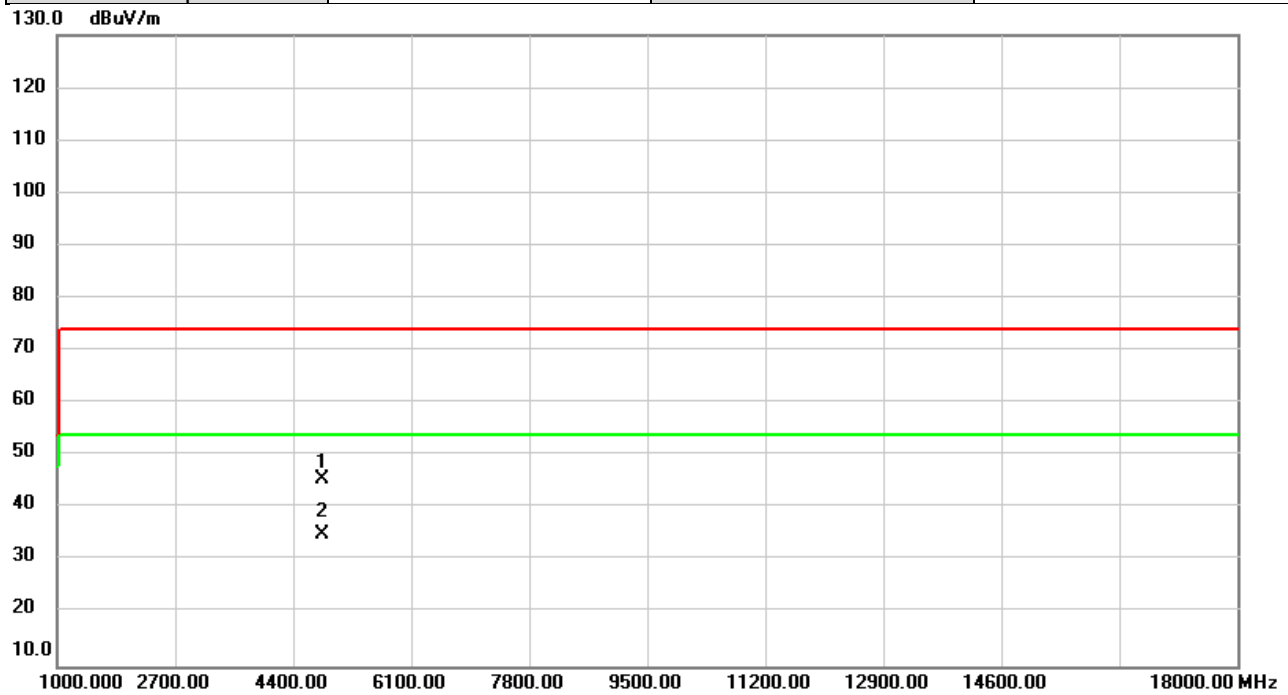


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	44.50	1.09	45.59	74.00	-28.41	peak	
2	*	4904.000	34.35	1.09	35.44	54.00	-18.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2412MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

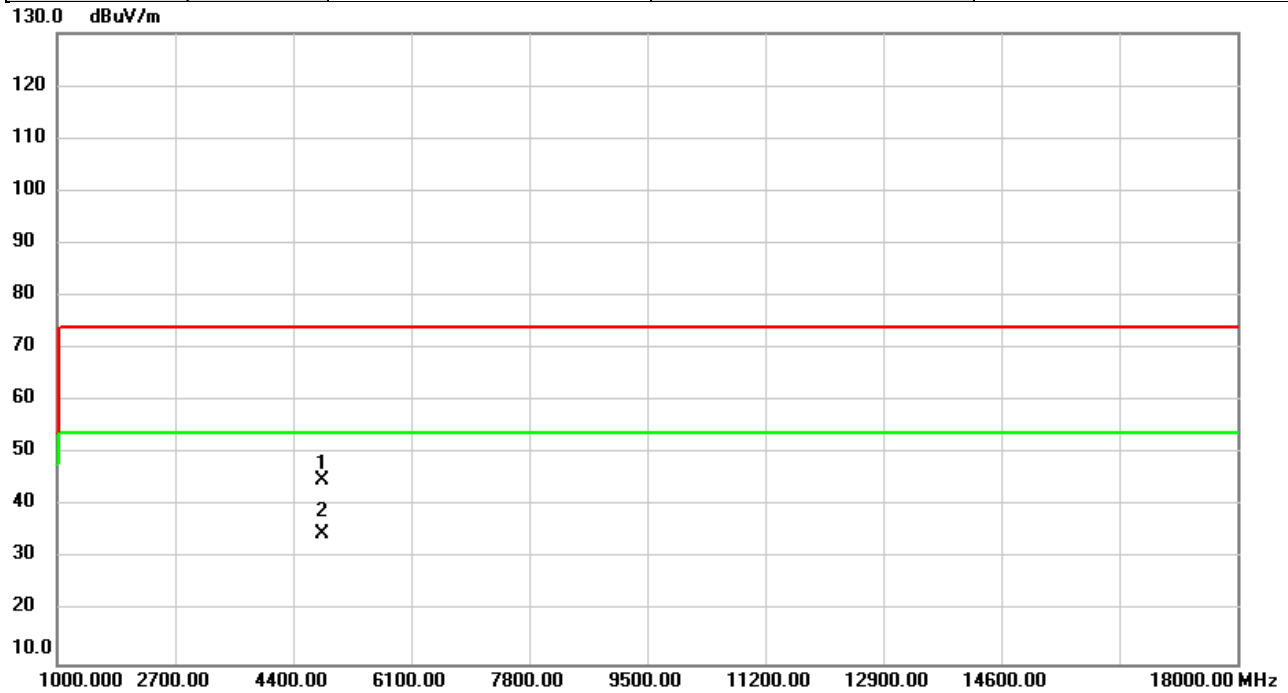


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.67	0.92	45.59	74.00	-28.41	peak	
2	*	4824.000	34.23	0.92	35.15	54.00	-18.85	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2412MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

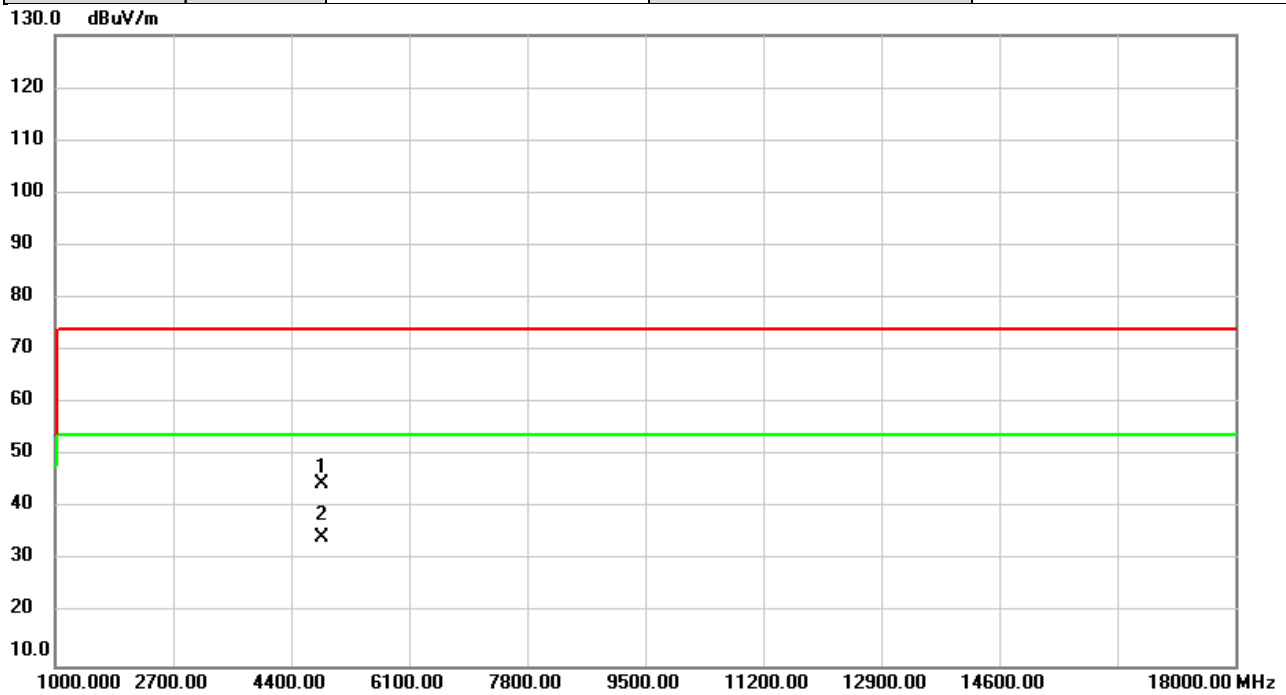


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.07	0.92	44.99	74.00	-29.01	peak	
2	*	4824.000	33.98	0.92	34.90	54.00	-19.10	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2417MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

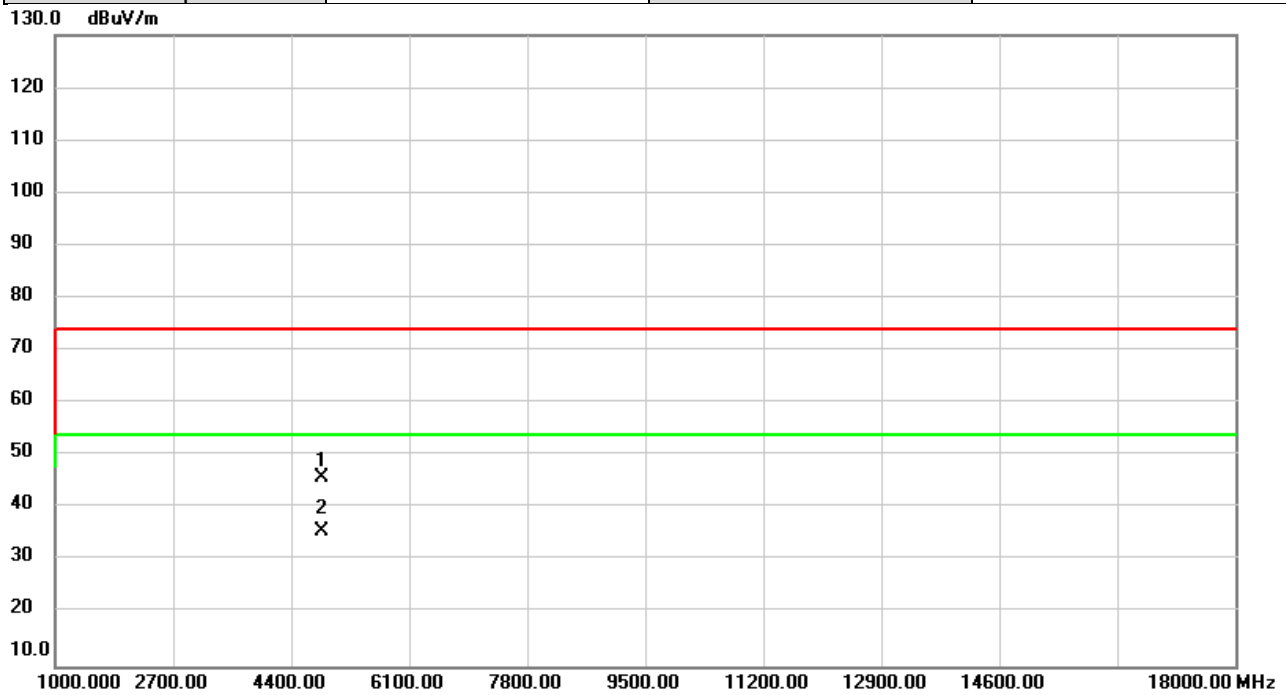


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.000	43.83	0.94	44.77	74.00	-29.23	peak	
2	*	4834.000	33.52	0.94	34.46	54.00	-19.54	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2417MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

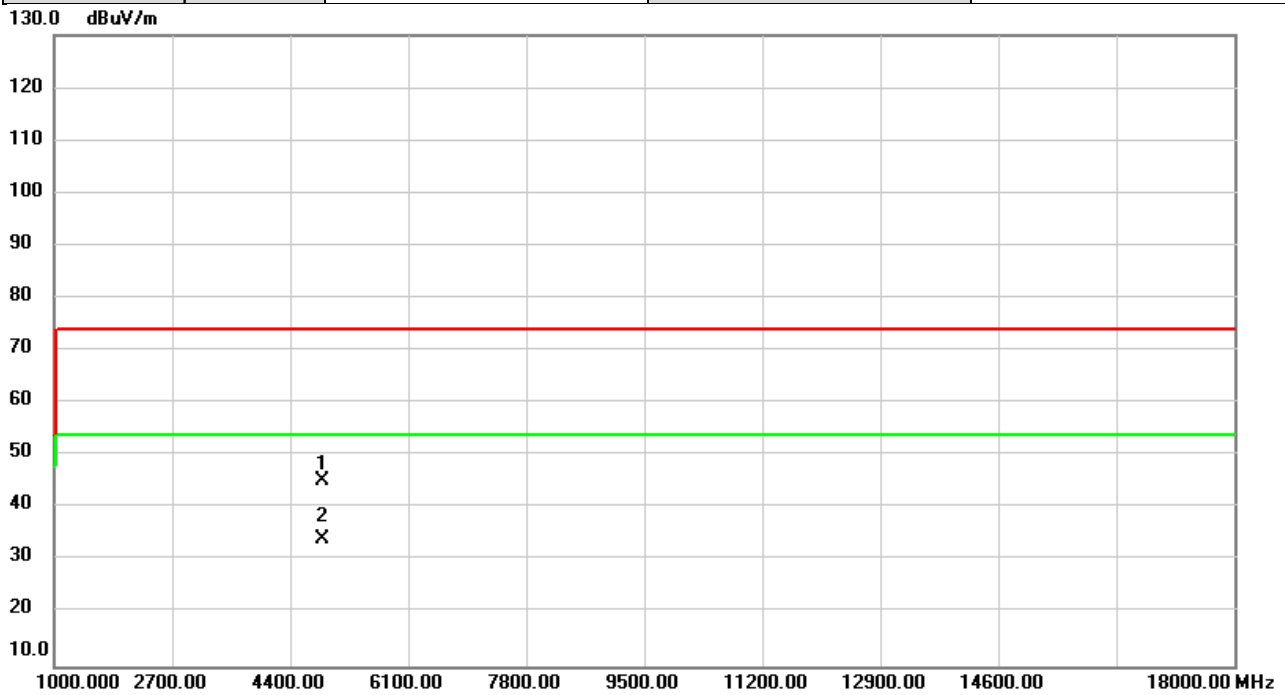


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.000	44.84	0.94	45.78	74.00	-28.22	peak	
2	*	4834.000	34.75	0.94	35.69	54.00	-18.31	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

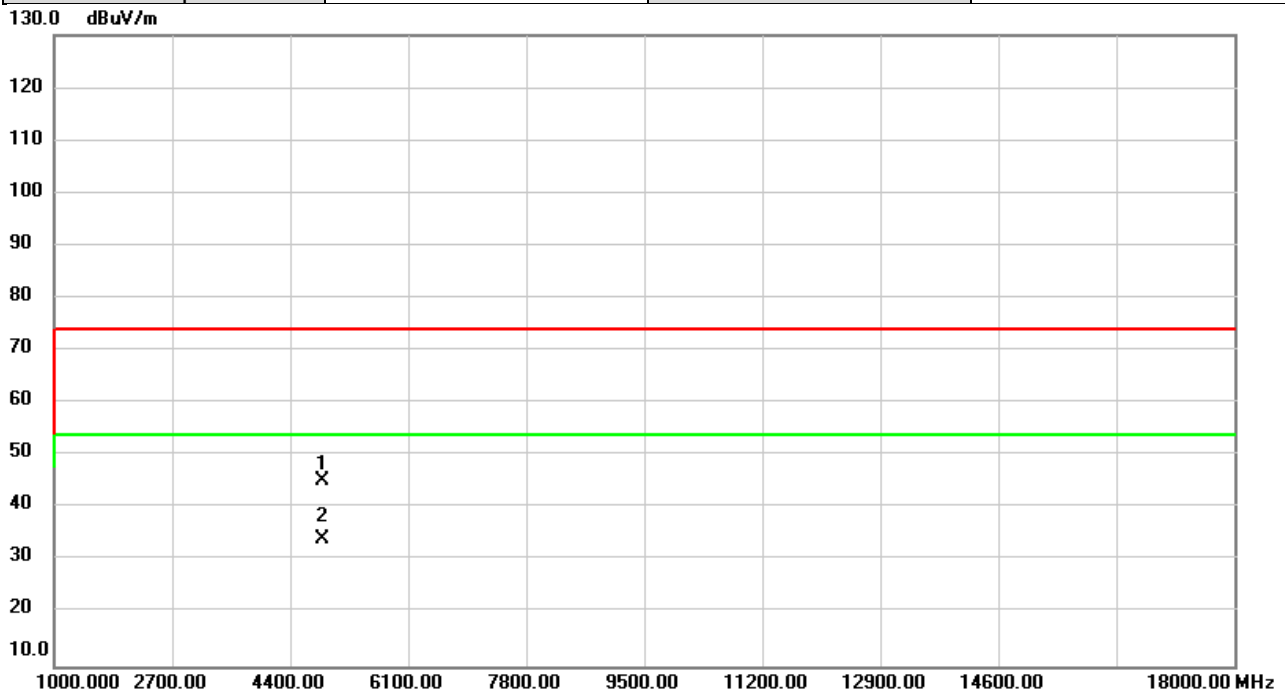


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.28	1.02	45.30	74.00	-28.70	peak	
2	*	4874.000	33.15	1.02	34.17	54.00	-19.83	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

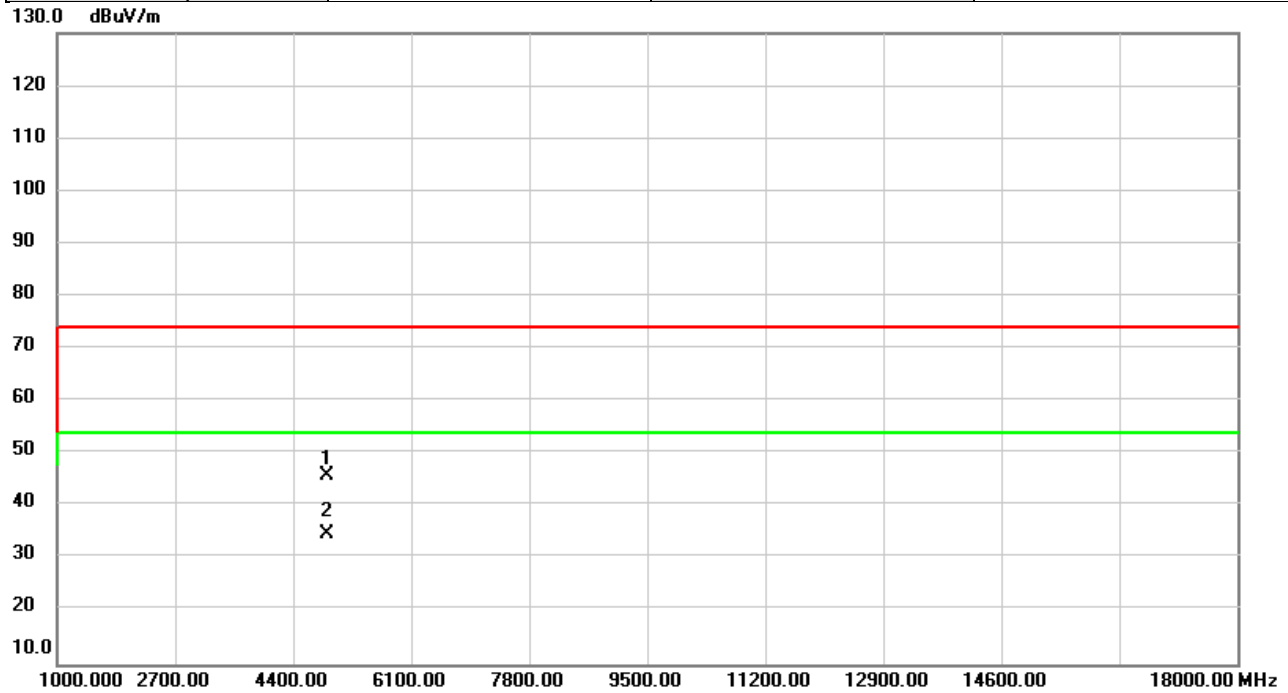


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.20	1.02	45.22	74.00	-28.78	peak	
2	*	4874.000	33.05	1.02	34.07	54.00	-19.93	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

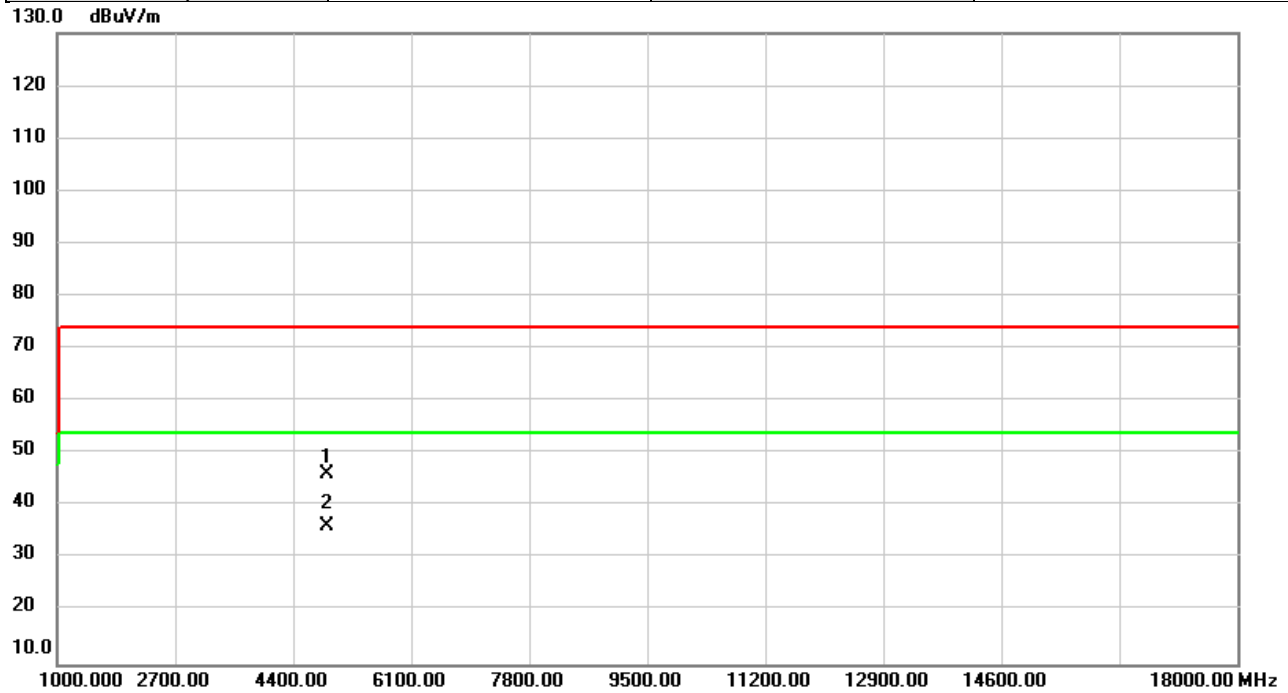


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4884.000	44.96	1.04	46.00	74.00	-28.00	peak	
2	*	4884.000	33.68	1.04	34.72	54.00	-19.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

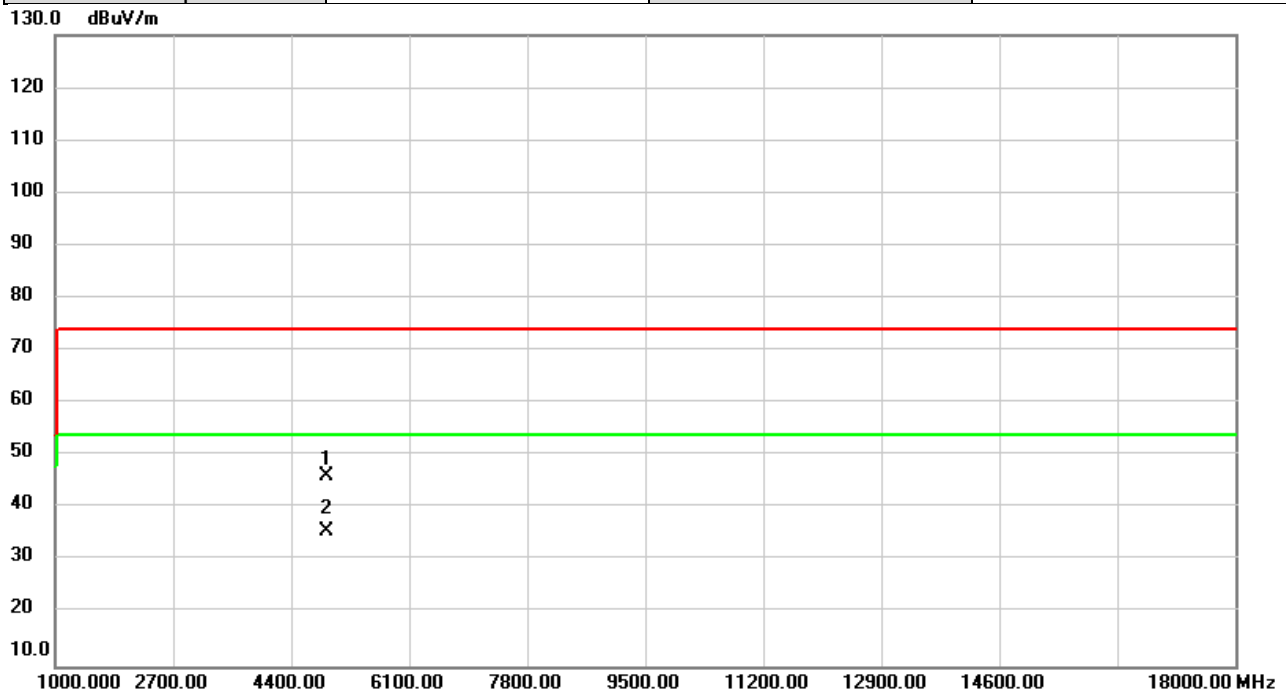


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4884.000	45.03	1.04	46.07	74.00	-27.93	peak	
2	*	4884.000	35.13	1.04	36.17	54.00	-17.83	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2457MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

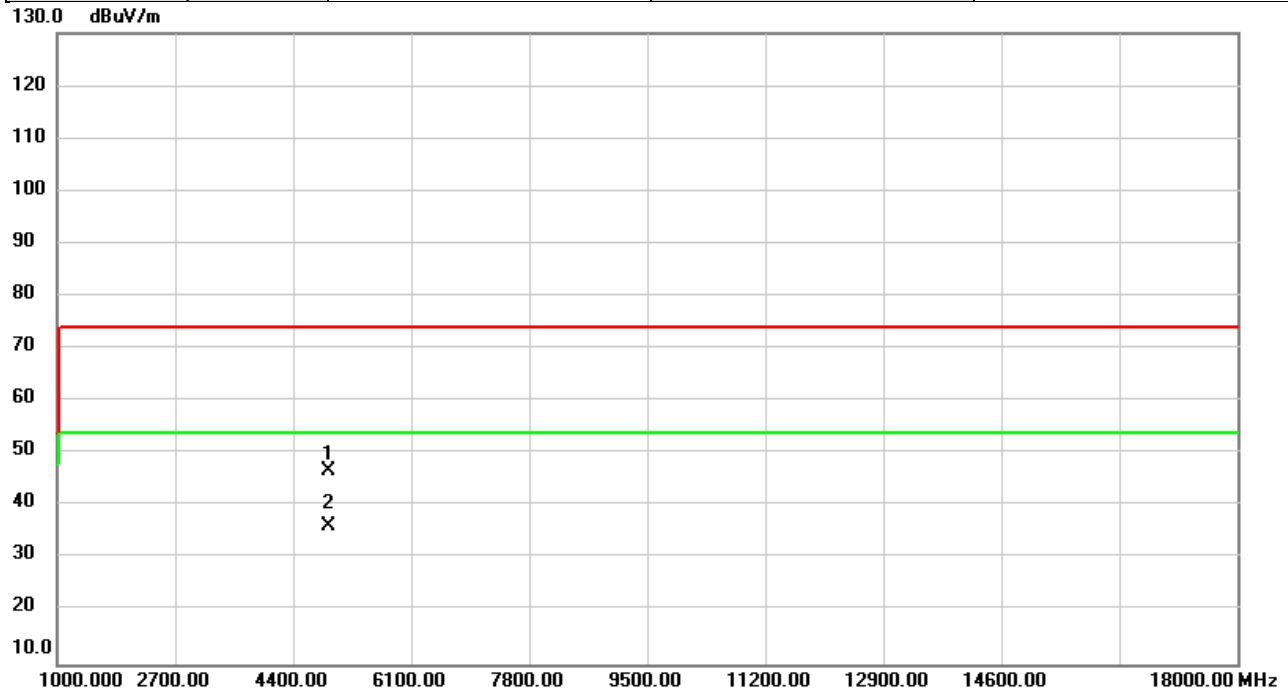


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	44.96	1.11	46.07	74.00	-27.93	peak	
2	*	4914.000	34.50	1.11	35.61	54.00	-18.39	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2457MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

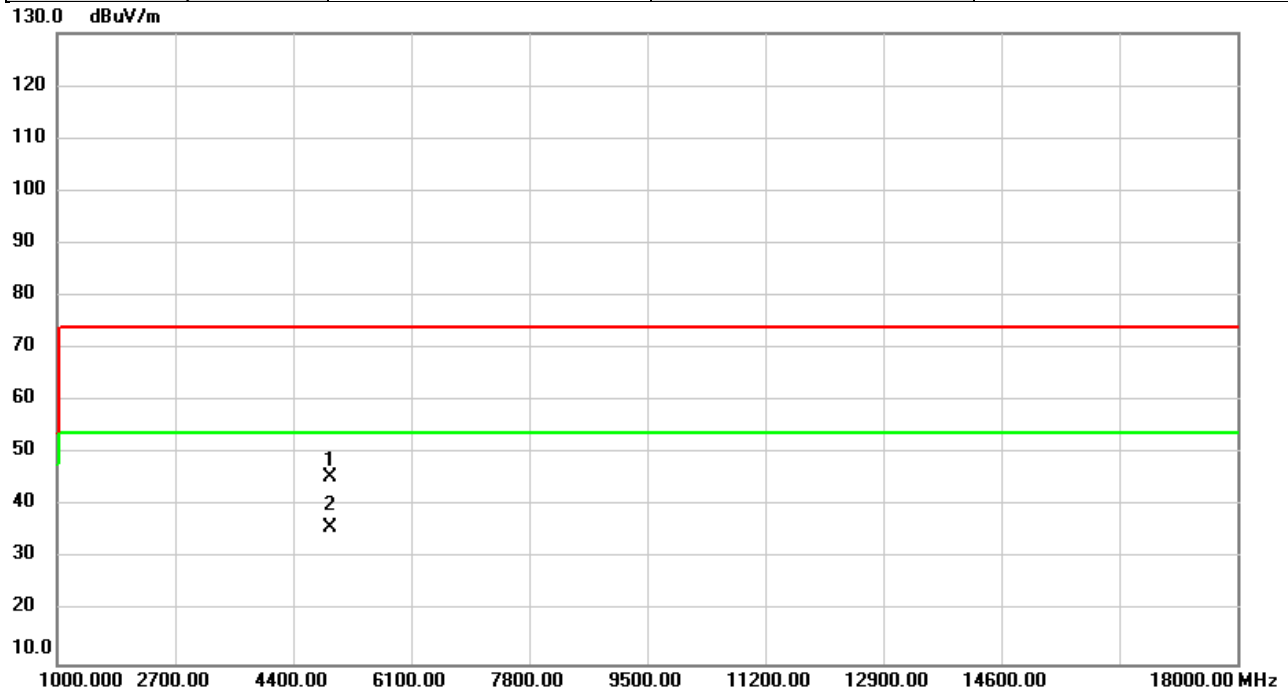


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	45.53	1.11	46.64	74.00	-27.36	peak	
2	*	4914.000	35.20	1.11	36.31	54.00	-17.69	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

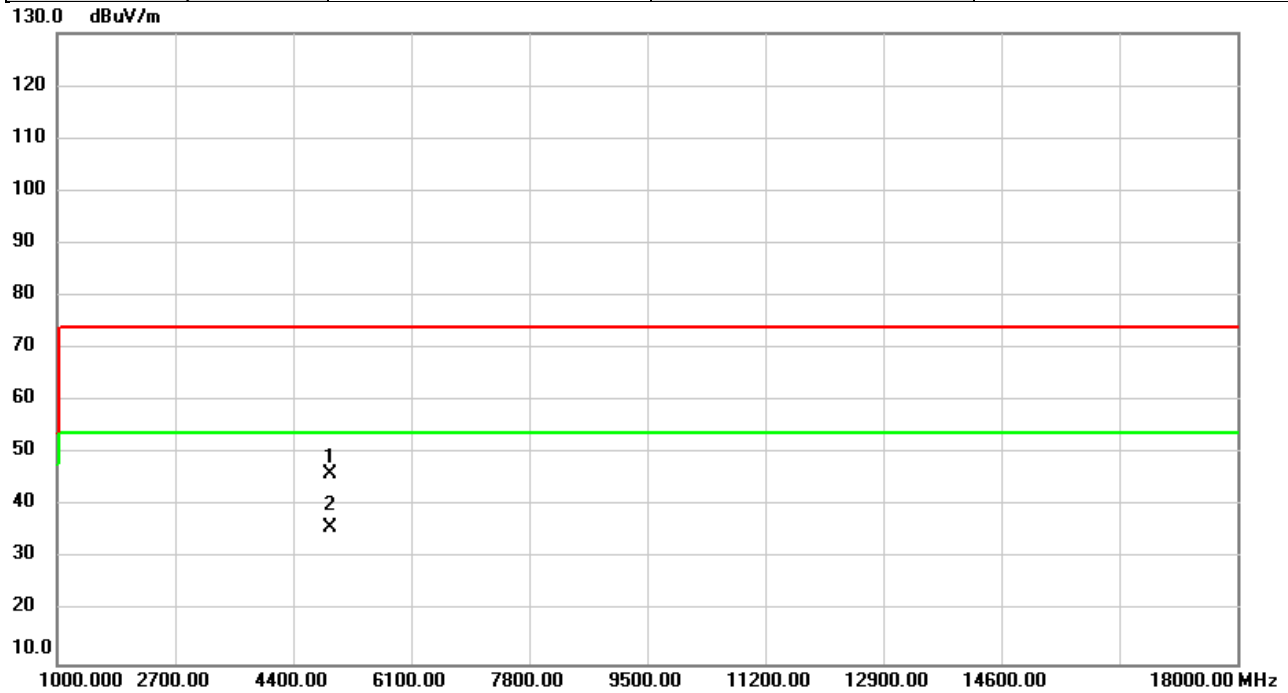


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.54	1.13	45.67	74.00	-28.33	peak	
2	*	4924.000	34.92	1.13	36.05	54.00	-17.95	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/5/14
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

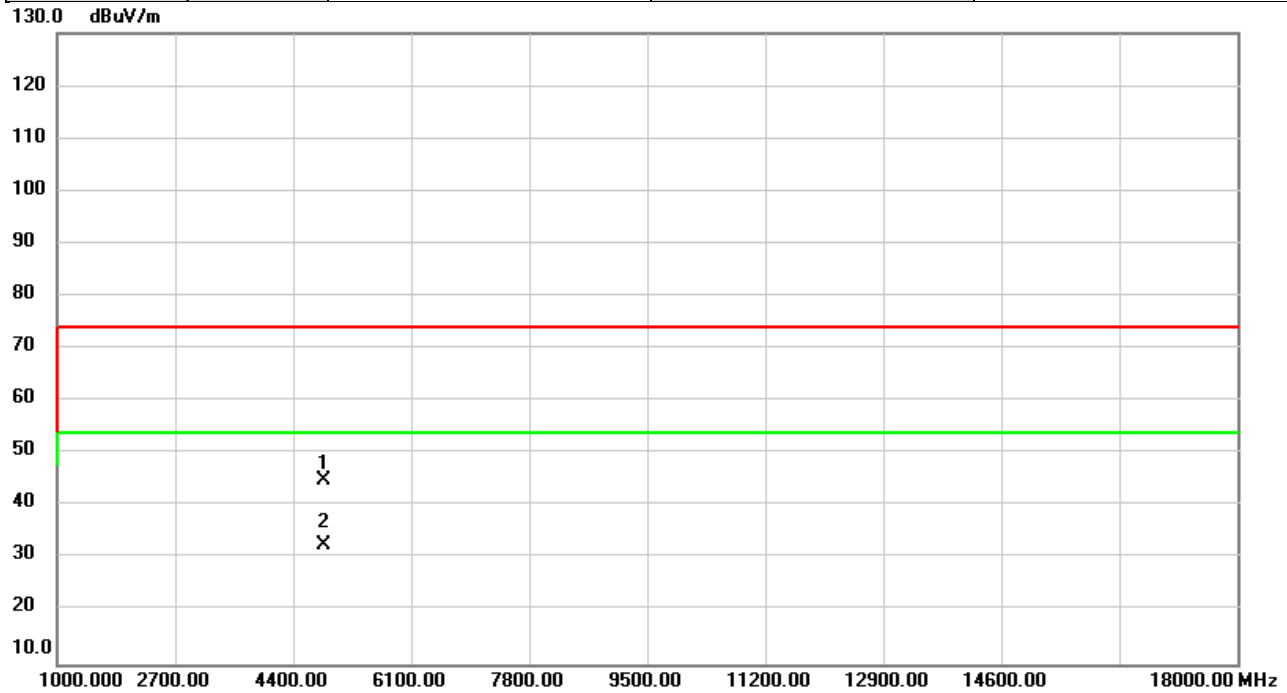


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.96	1.13	46.09	74.00	-27.91	peak	
2	*	4924.000	34.73	1.13	35.86	54.00	-18.14	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2422MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

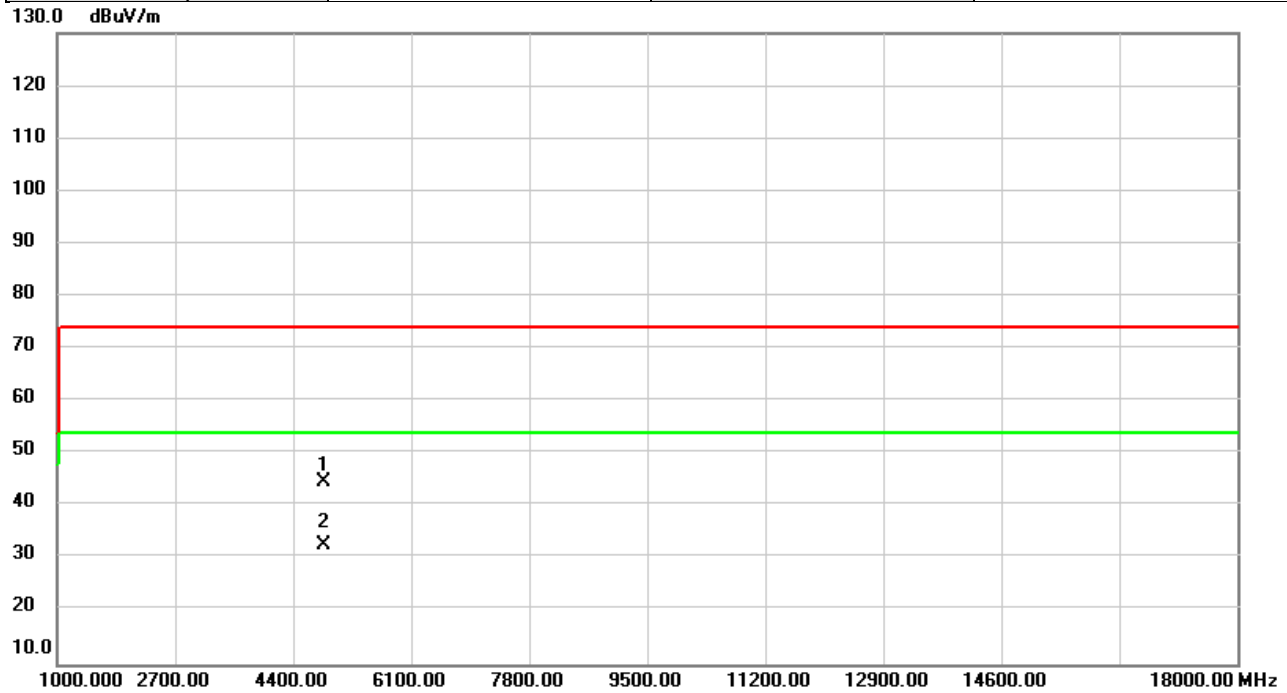


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	44.01	0.96	44.97	74.00	-29.03	peak	
2	*	4844.000	31.77	0.96	32.73	54.00	-21.27	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2422MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

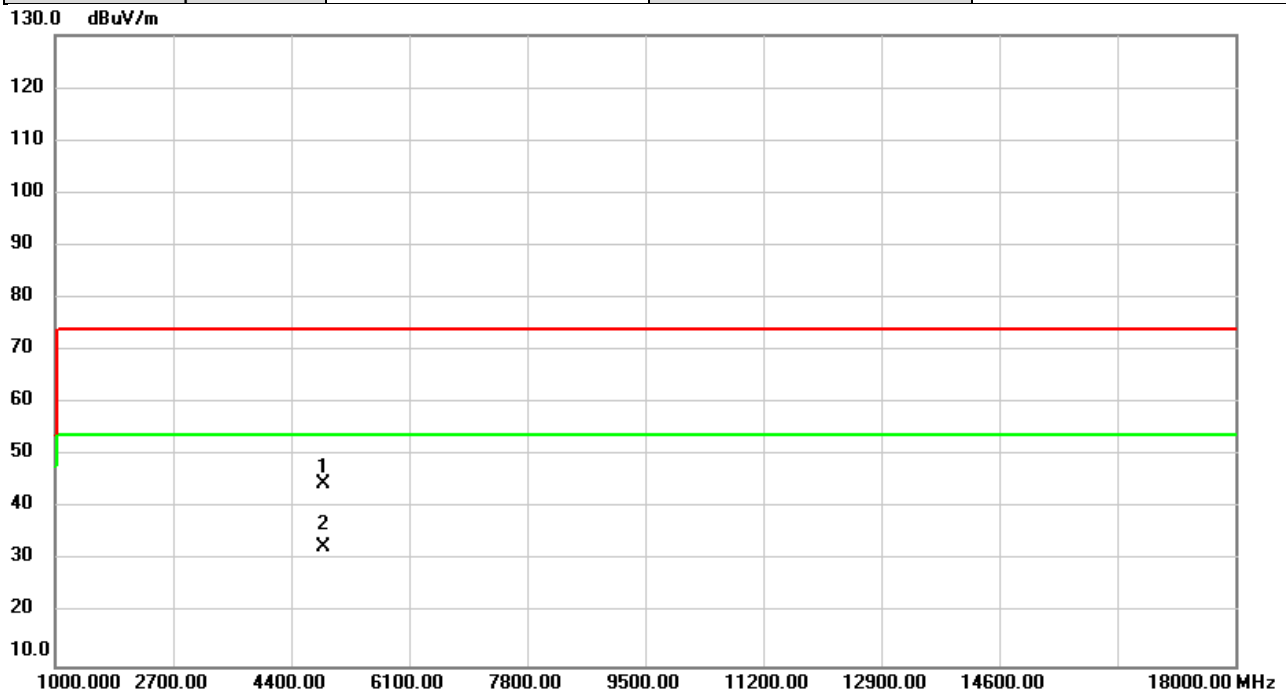


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	43.61	0.96	44.57	74.00	-29.43	peak	
2	*	4844.000	31.62	0.96	32.58	54.00	-21.42	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2427MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

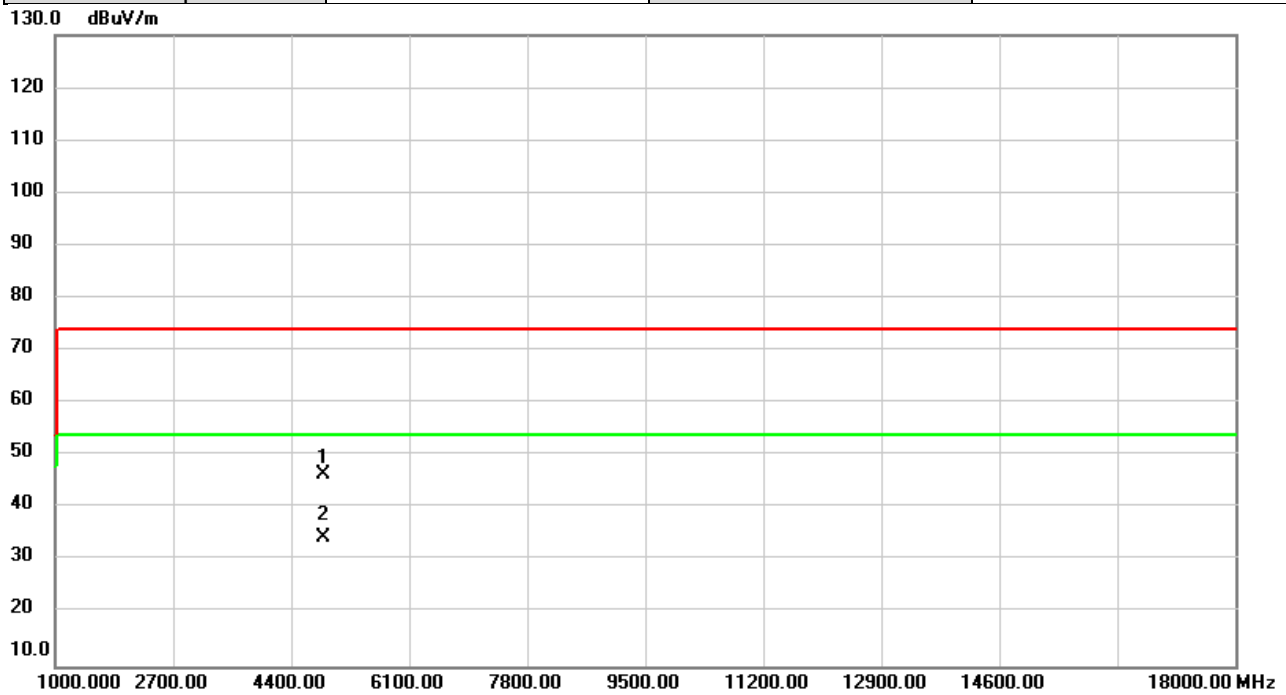


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4854.000	43.63	0.98	44.61	74.00	-29.39	peak	
2	*	4854.000	31.66	0.98	32.64	54.00	-21.36	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2427MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

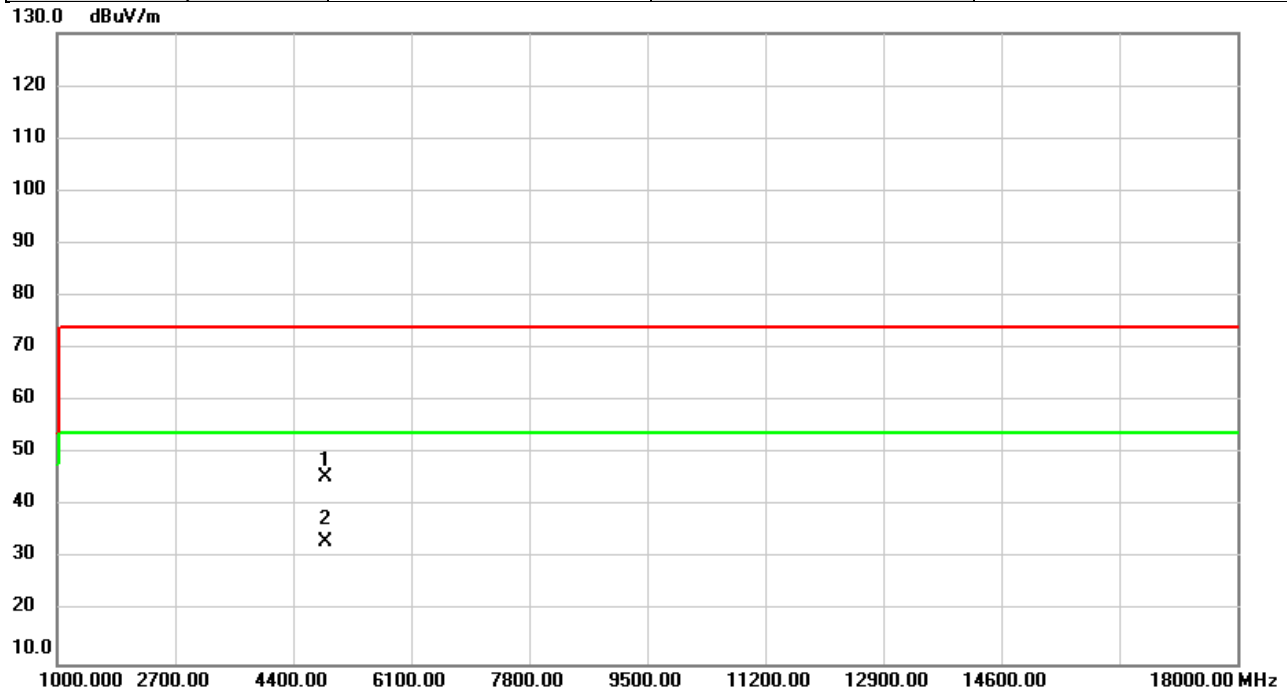


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4854.000	45.37	0.98	46.35	74.00	-27.65	peak	
2	*	4854.000	33.39	0.98	34.37	54.00	-19.63	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

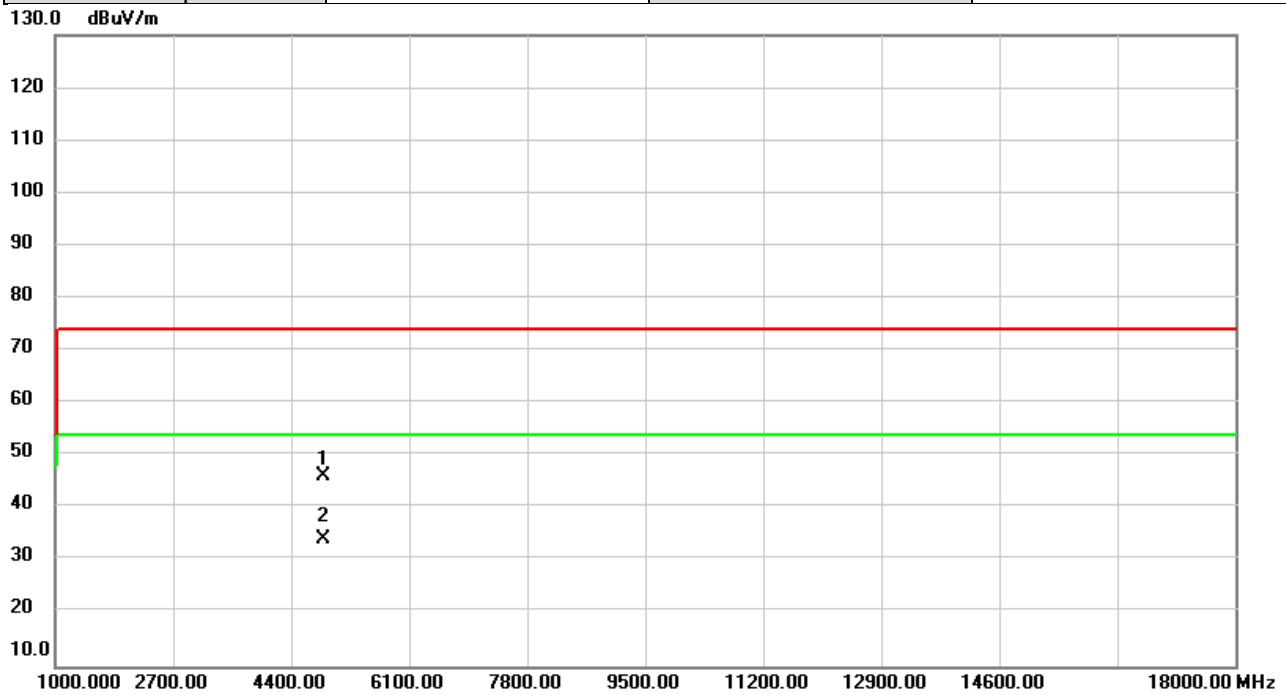


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.41	1.02	45.43	74.00	-28.57	peak	
2	*	4874.000	32.25	1.02	33.27	54.00	-20.73	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

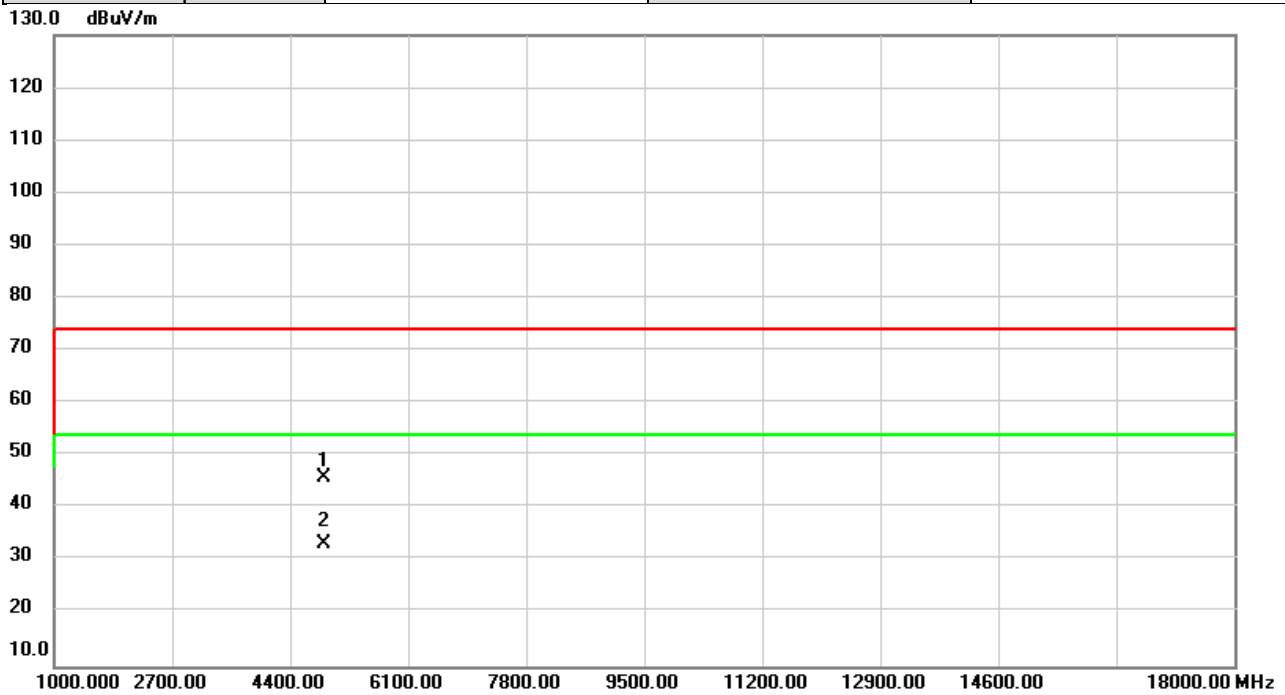


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.01	1.02	46.03	74.00	-27.97	peak	
2	*	4874.000	33.21	1.02	34.23	54.00	-19.77	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

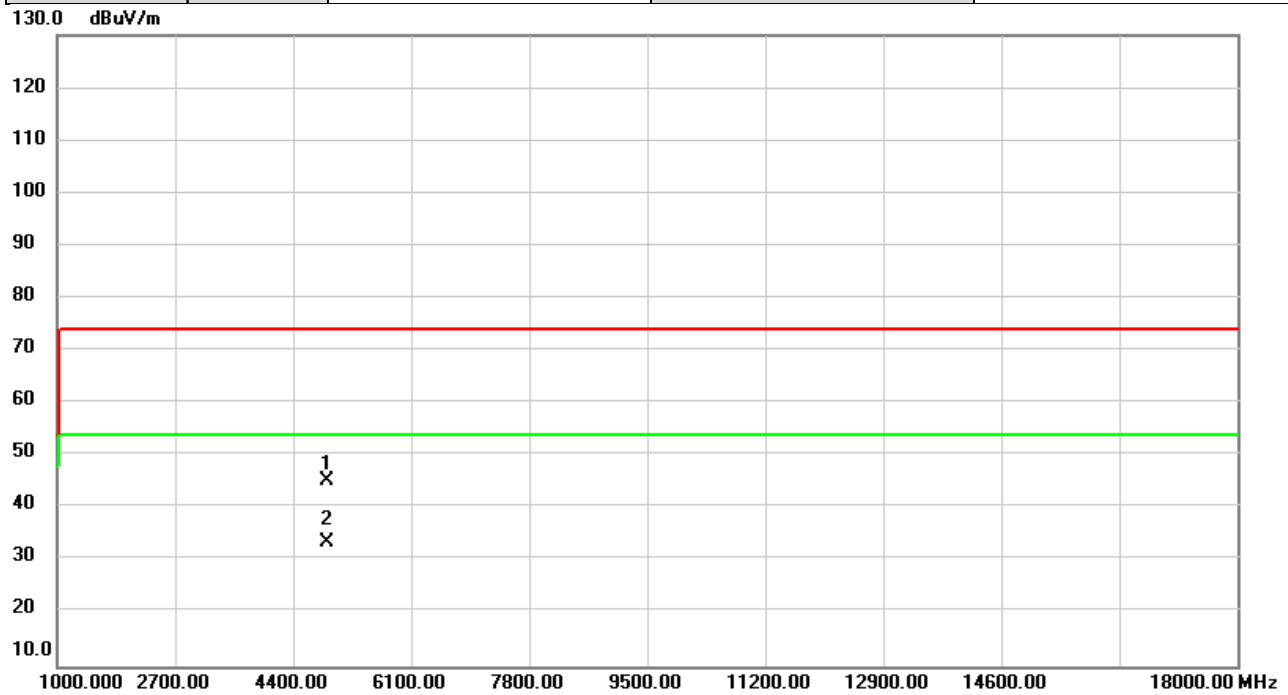


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4884.000	44.86	1.04	45.90	74.00	-28.10	peak	
2	*	4884.000	32.34	1.04	33.38	54.00	-20.62	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2442MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

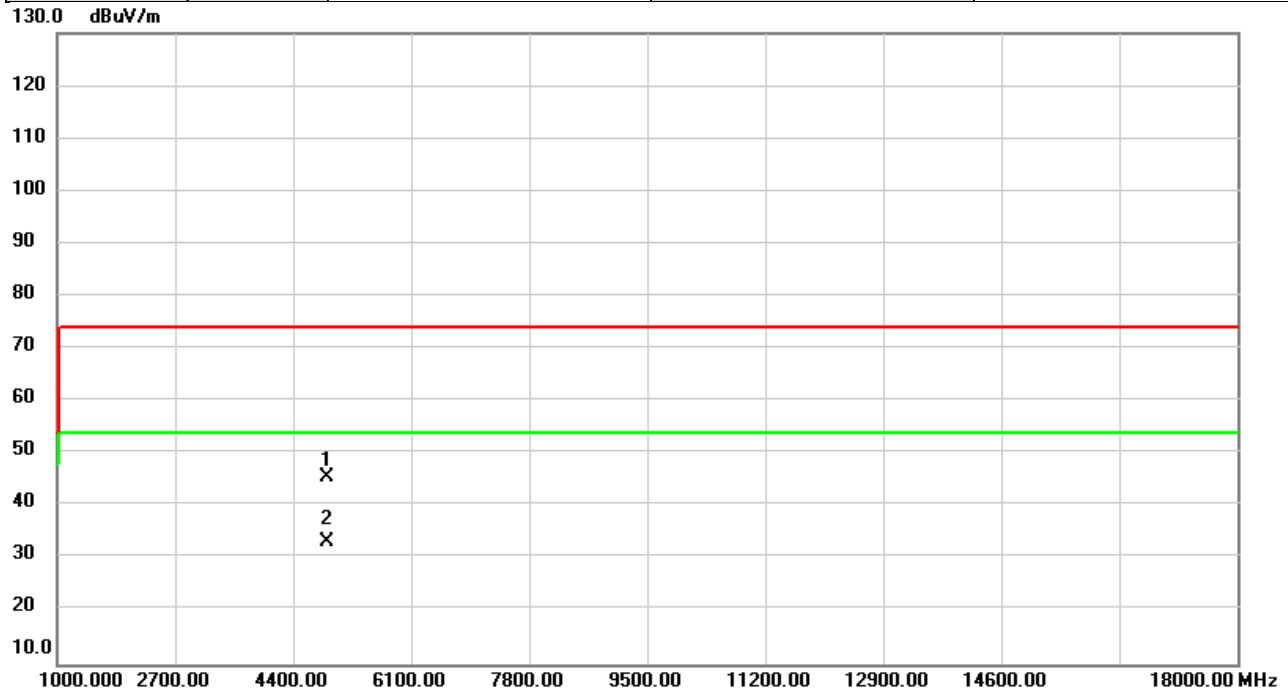


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4884.000	44.23	1.04	45.27	74.00	-28.73	peak	
2	*	4884.000	32.51	1.04	33.55	54.00	-20.45	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2447MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

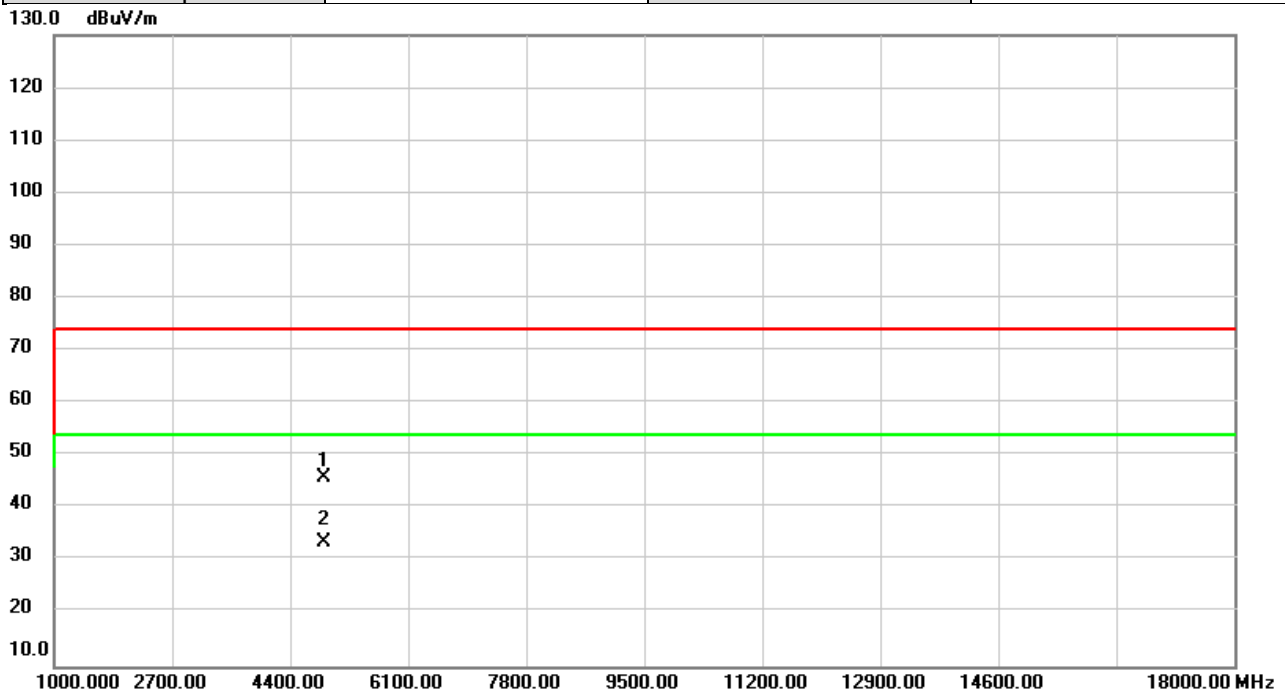


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4894.000	44.36	1.07	45.43	74.00	-28.57	peak	
2	*	4894.000	32.19	1.07	33.26	54.00	-20.74	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2447MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

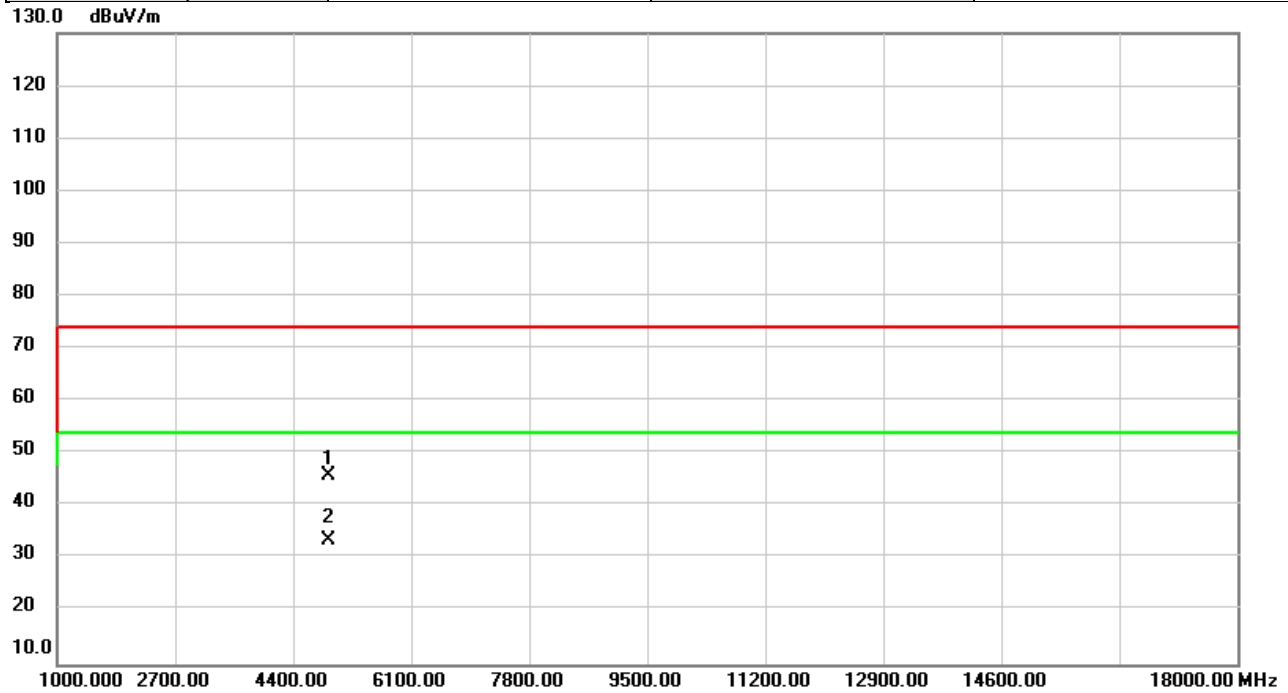


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4894.000	44.76	1.07	45.83	74.00	-28.17	peak	
2	*	4894.000	32.43	1.07	33.50	54.00	-20.50	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2452MHz	Polarization	Vertical
Temp	21°C	Hum.	66%

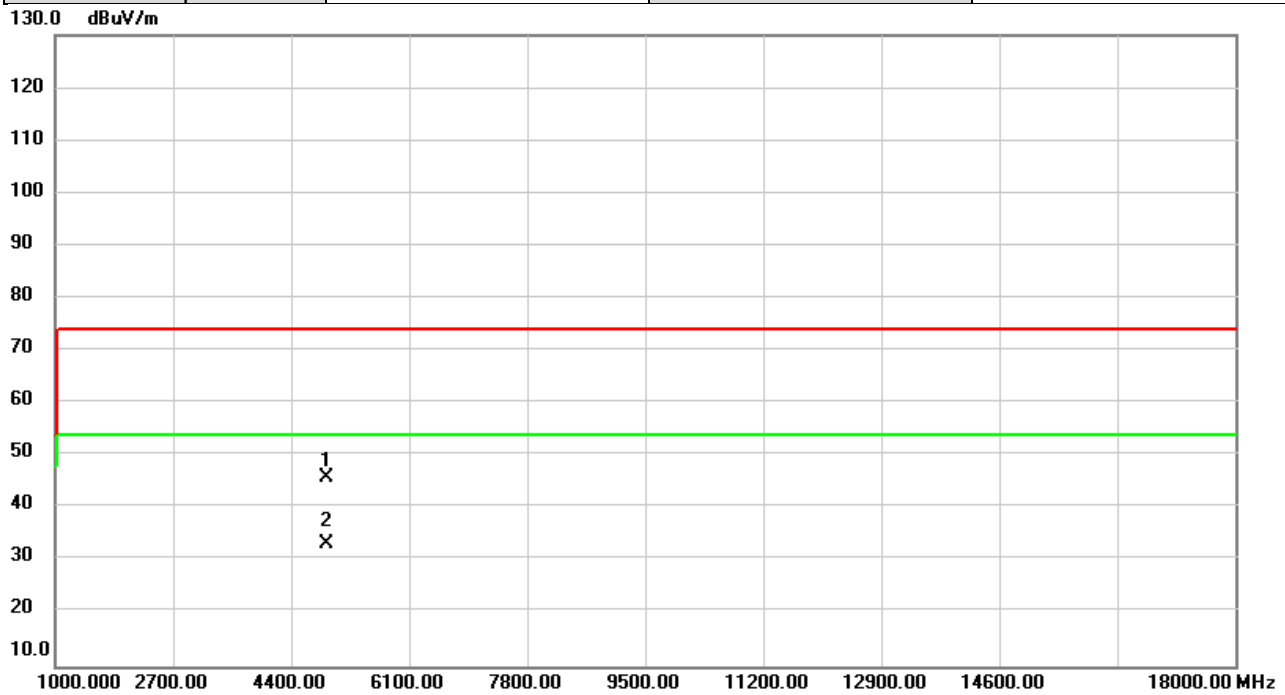


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	44.86	1.09	45.95	74.00	-28.05	peak	
2	*	4904.000	32.55	1.09	33.64	54.00	-20.36	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/5/14
Test Frequency	2452MHz	Polarization	Horizontal
Temp	21°C	Hum.	66%

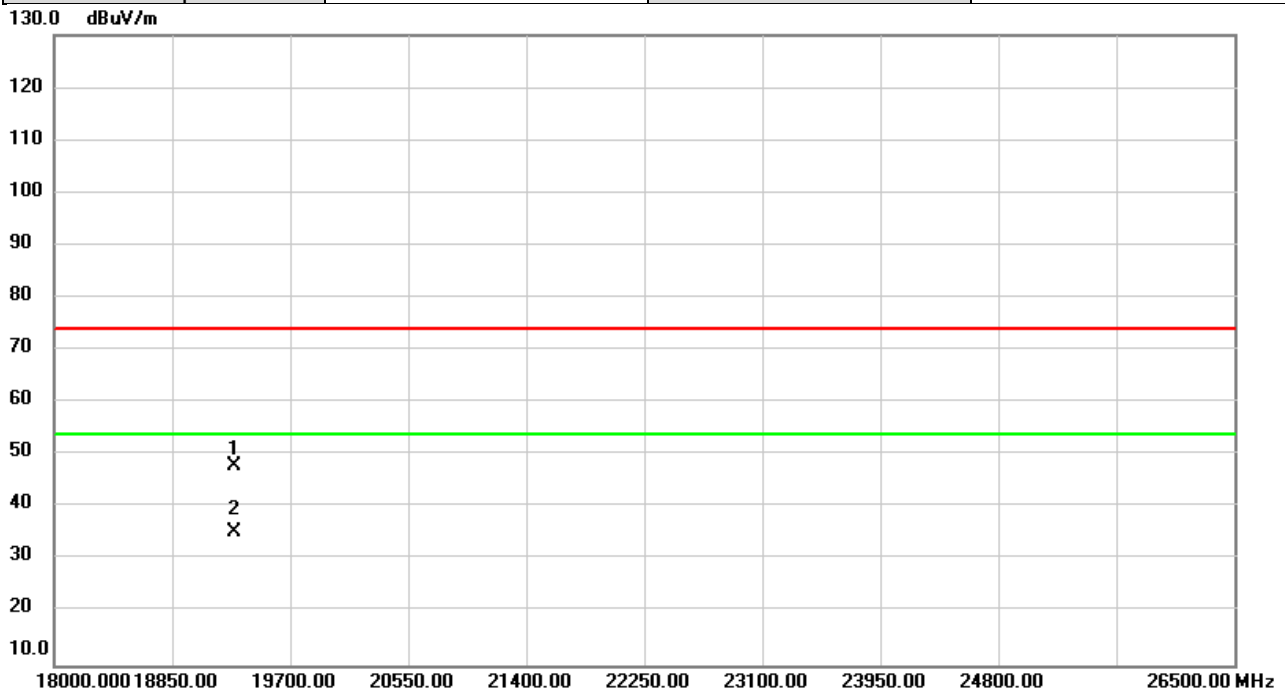


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	44.74	1.09	45.83	74.00	-28.17	peak	
2	*	4904.000	32.06	1.09	33.15	54.00	-20.85	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/17
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	61%

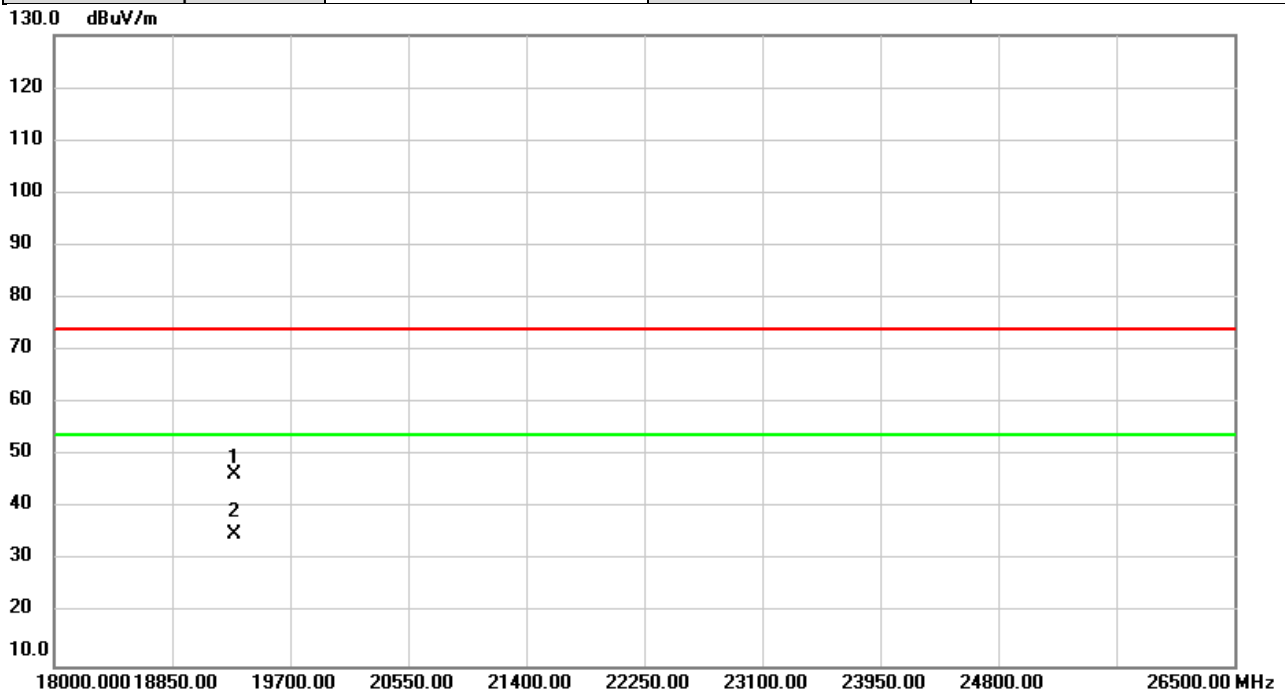


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		19296.00	55.03	-6.96	48.07	74.00	-25.93	peak	
2	*	19296.00	42.17	-6.96	35.21	54.00	-18.79	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/5/17
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19296.00	53.49	-6.96	46.53	74.00	-27.47	peak	
2	*	19296.00	42.08	-6.96	35.12	54.00	-18.88	AVG	

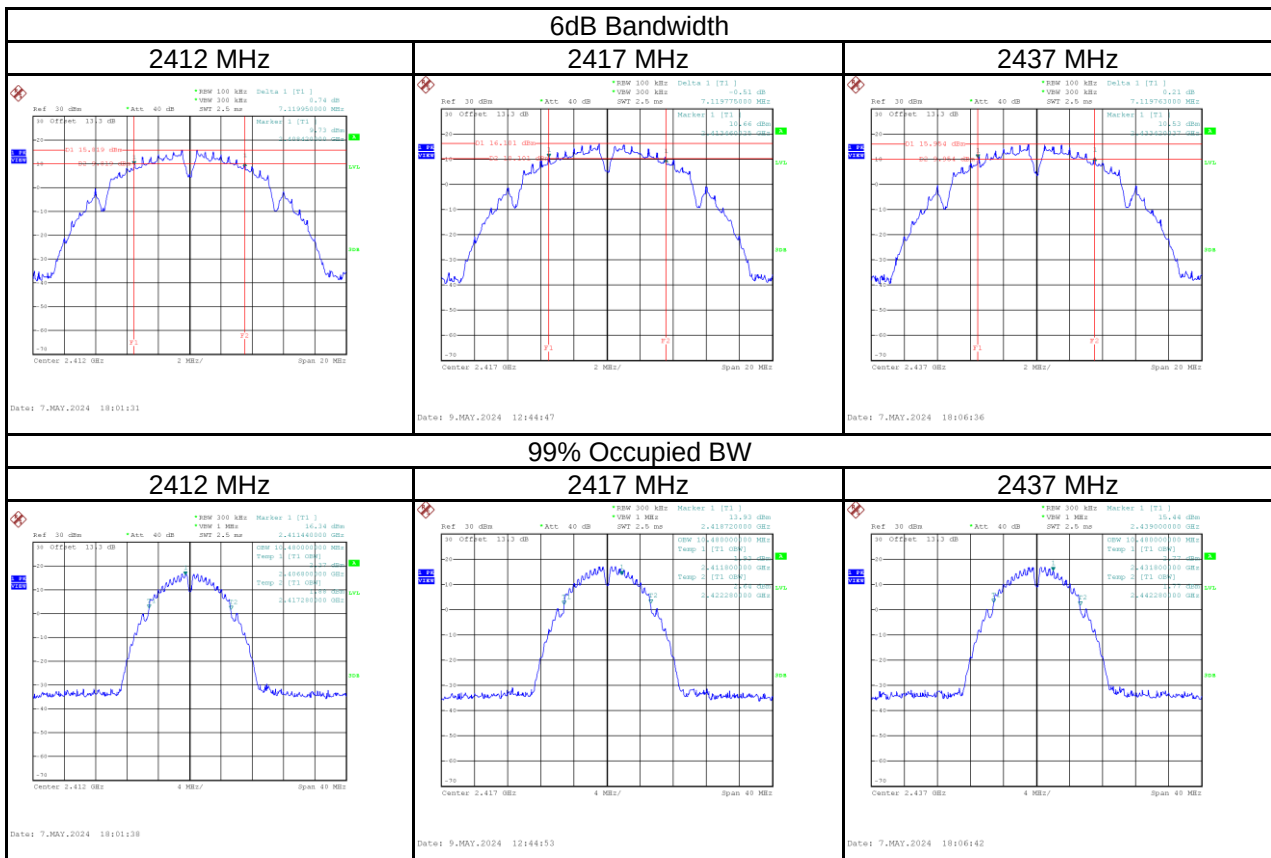
REMARKS:

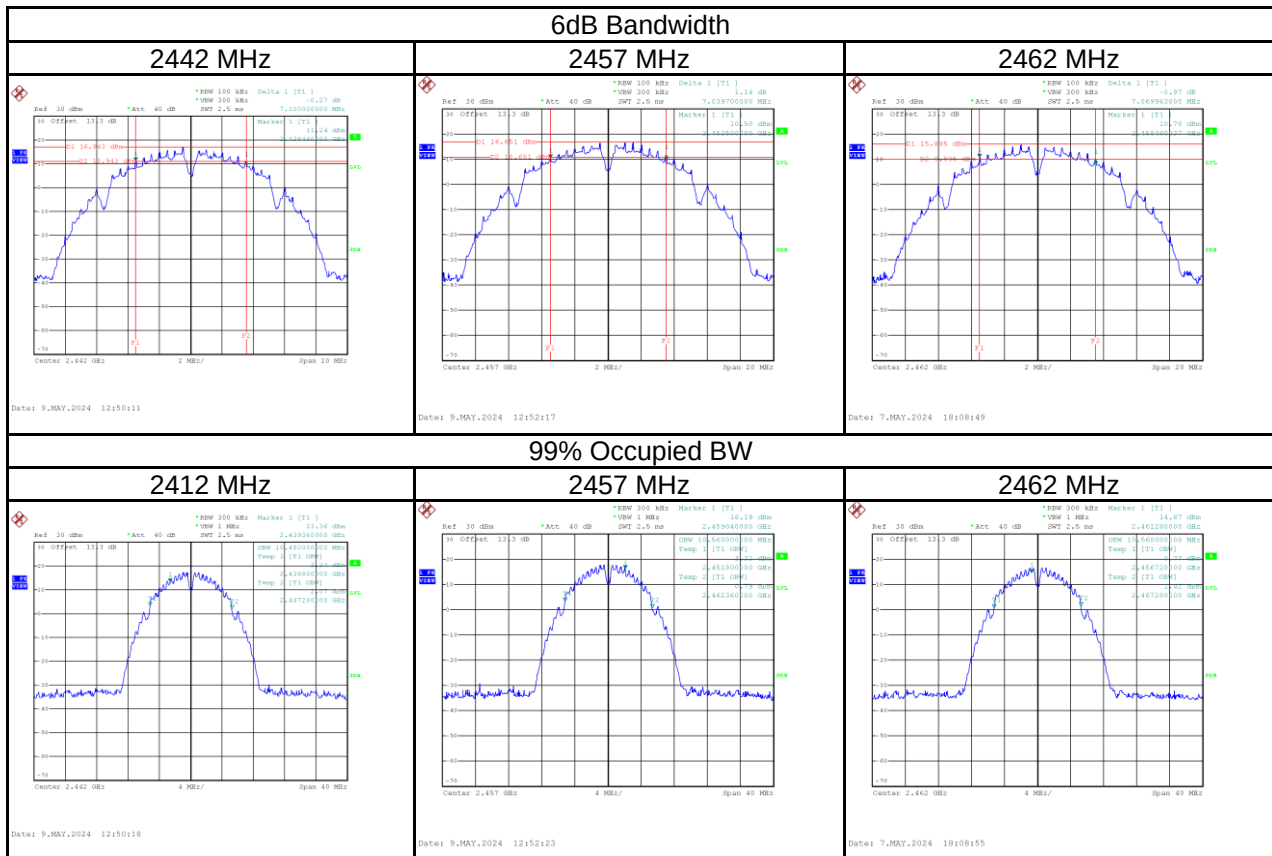
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX E BANDWIDTH

Test Mode	IEEE 802.11b_Ant 3
-----------	--------------------

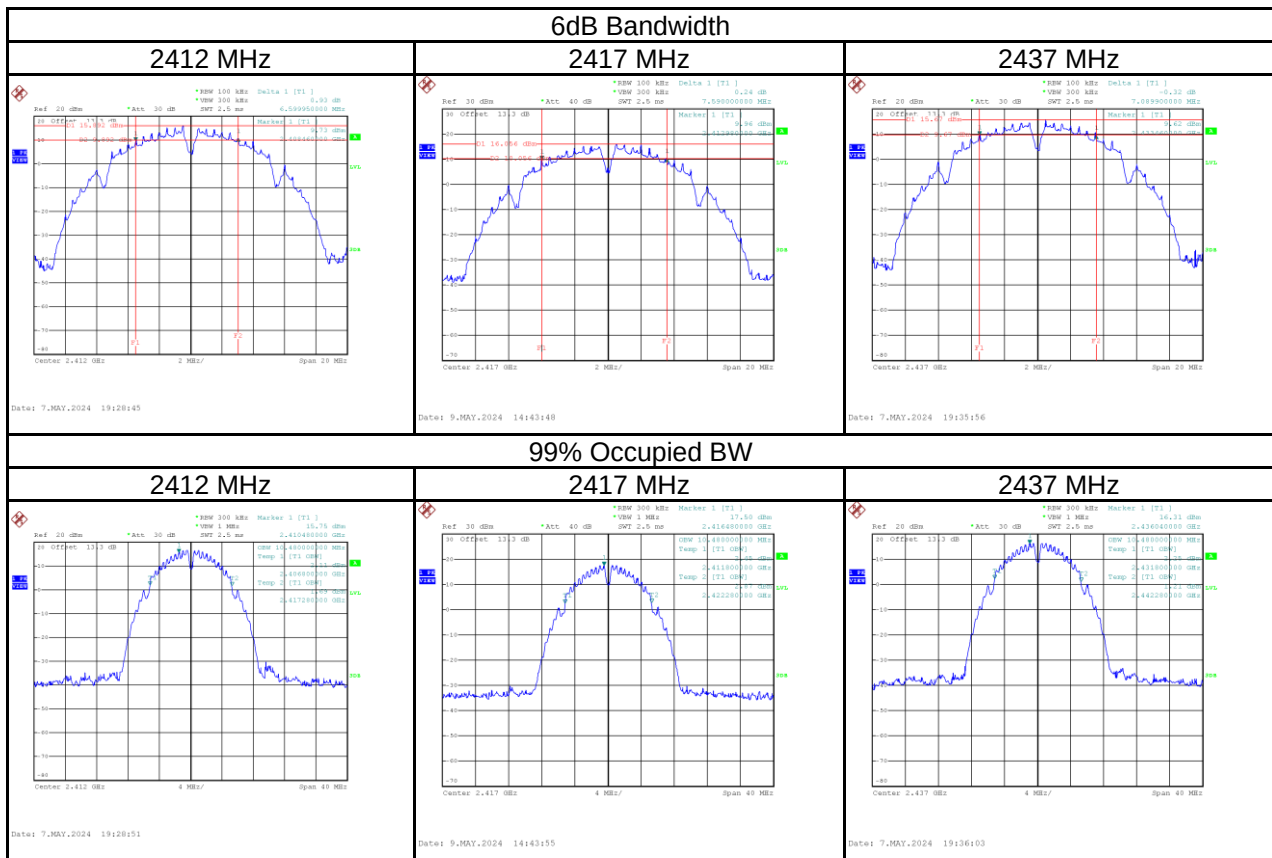
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	7.12	10.48	≥ 500	Pass
2417	7.12	10.48	≥ 500	Pass
2437	7.12	10.48	≥ 500	Pass
2442	7.10	10.48	≥ 500	Pass
2457	7.04	10.56	≥ 500	Pass
2462	7.07	10.56	≥ 500	Pass

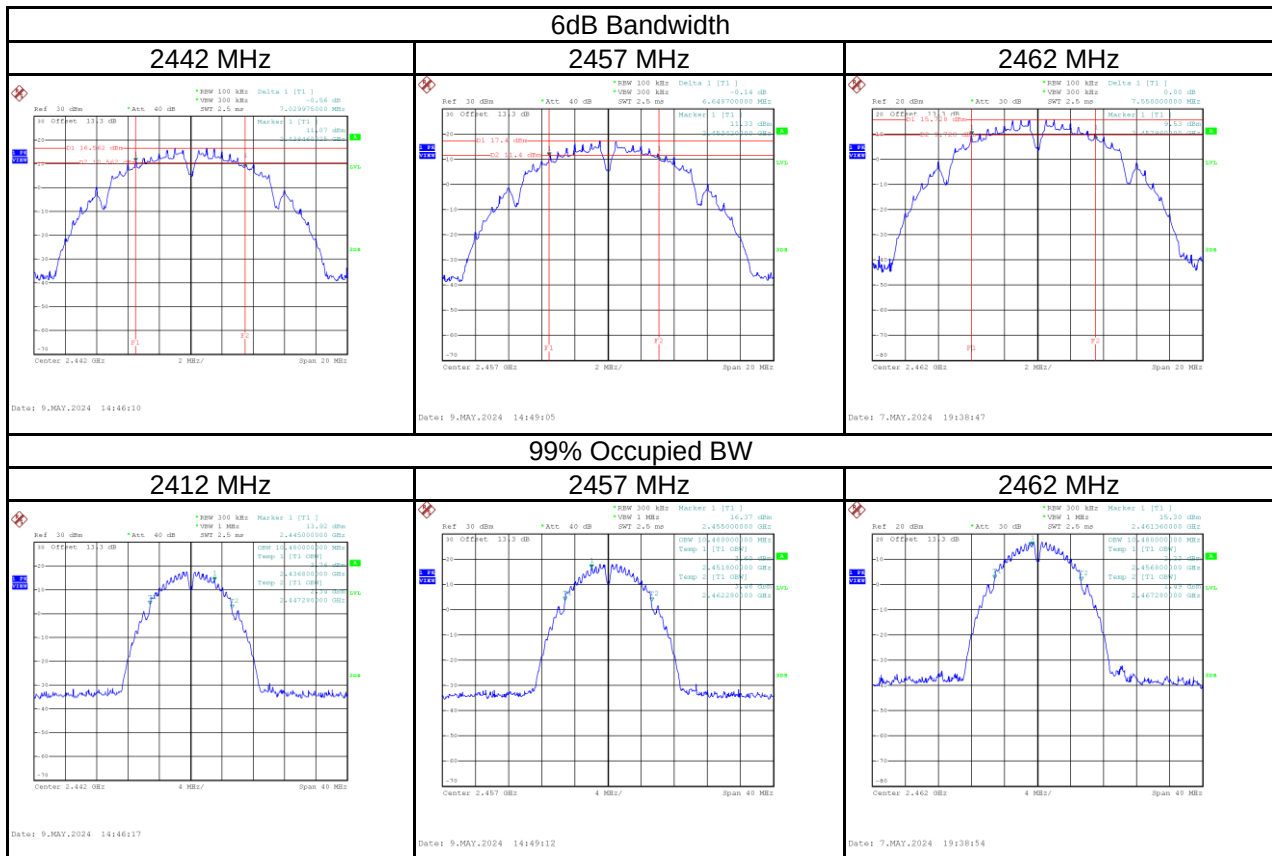




Test Mode	IEEE 802.11b_Ant 4
-----------	--------------------

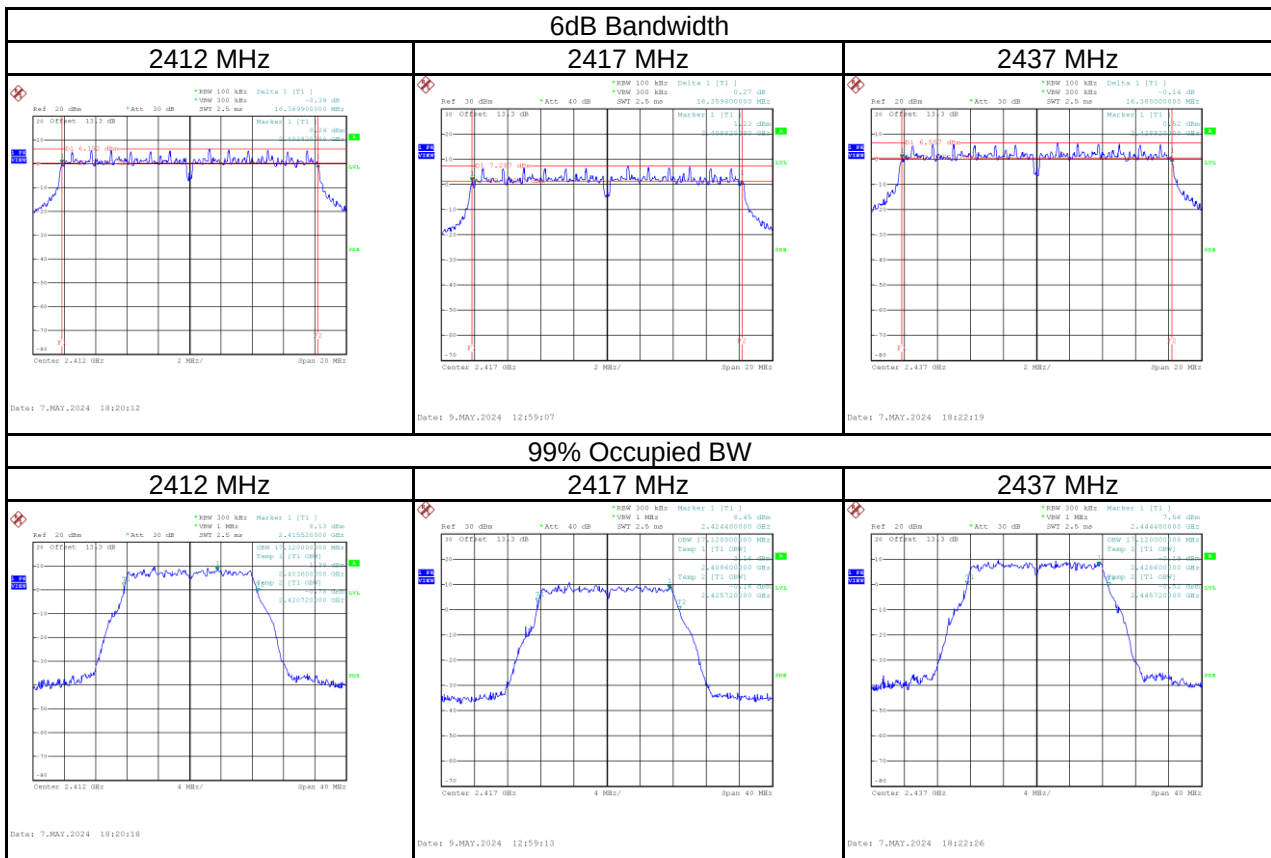
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	6.60	10.48	≥ 500	Pass
2417	7.59	14.48	≥ 500	Pass
2437	7.09	10.48	≥ 500	Pass
2442	7.03	10.48	≥ 500	Pass
2457	6.65	10.48	≥ 500	Pass
2462	7.55	10.48	≥ 500	Pass

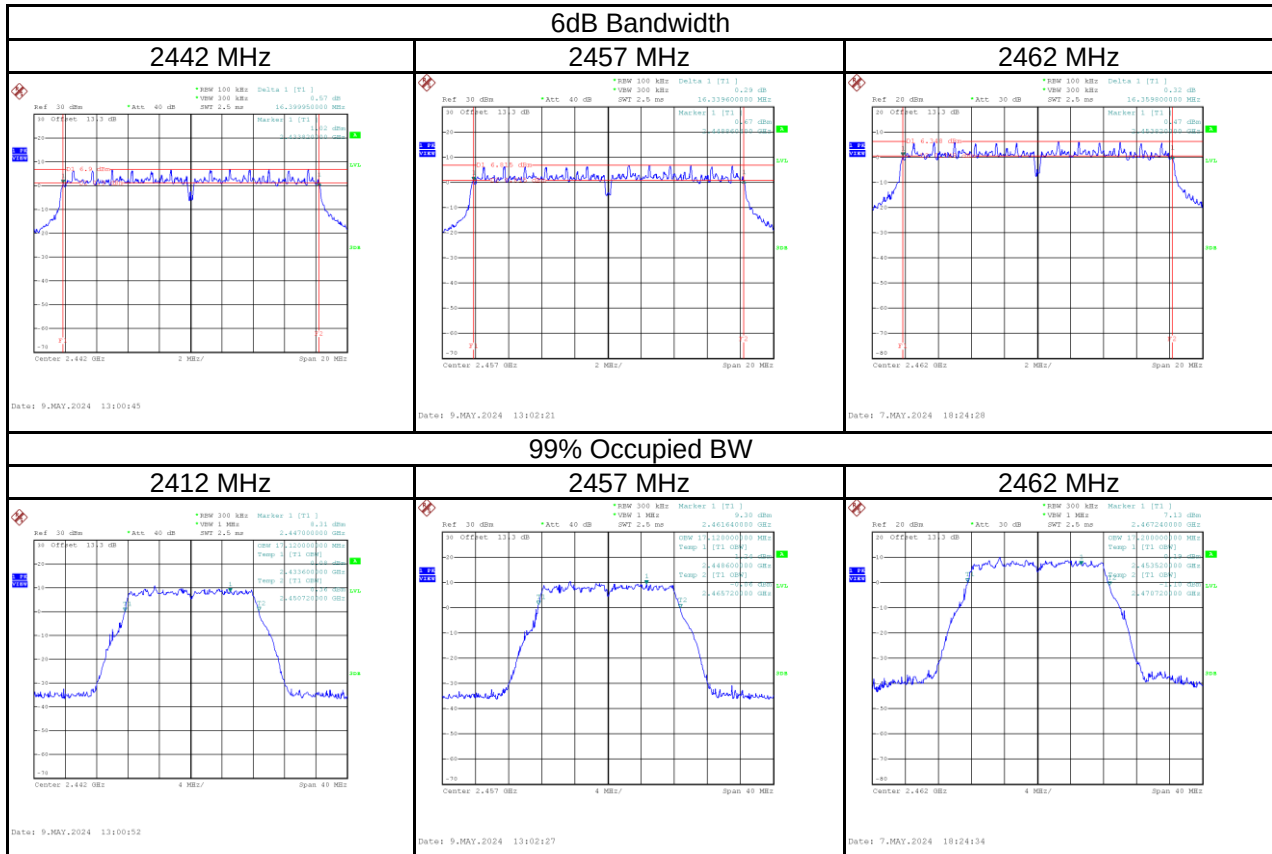




Test Mode	IEEE 802.11g_Ant 3
-----------	--------------------

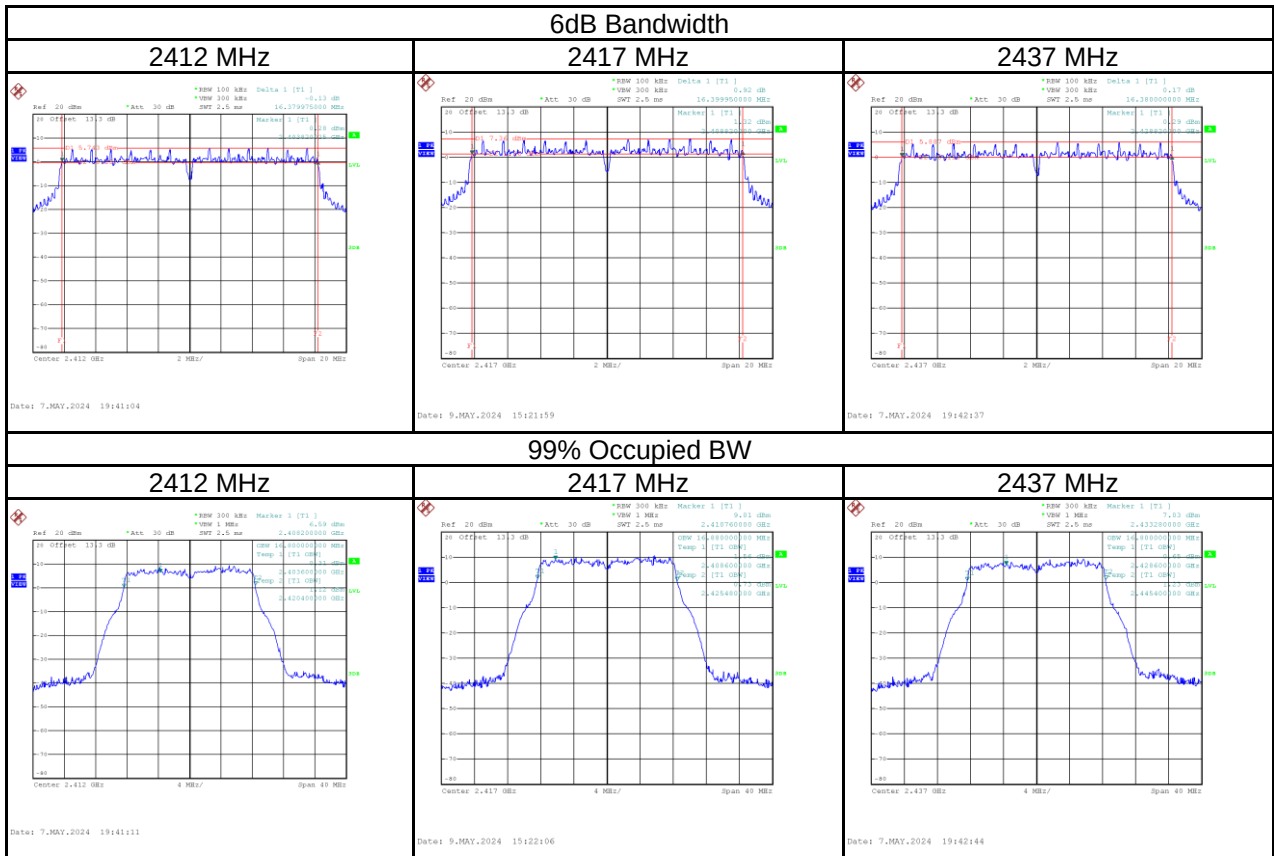
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	16.37	17.12	≥ 500	Pass
2417	16.36	17.12	≥ 500	Pass
2437	16.38	17.12	≥ 500	Pass
2442	16.40	17.12	≥ 500	Pass
2457	16.34	17.12	≥ 500	Pass
2462	16.36	17.20	≥ 500	Pass

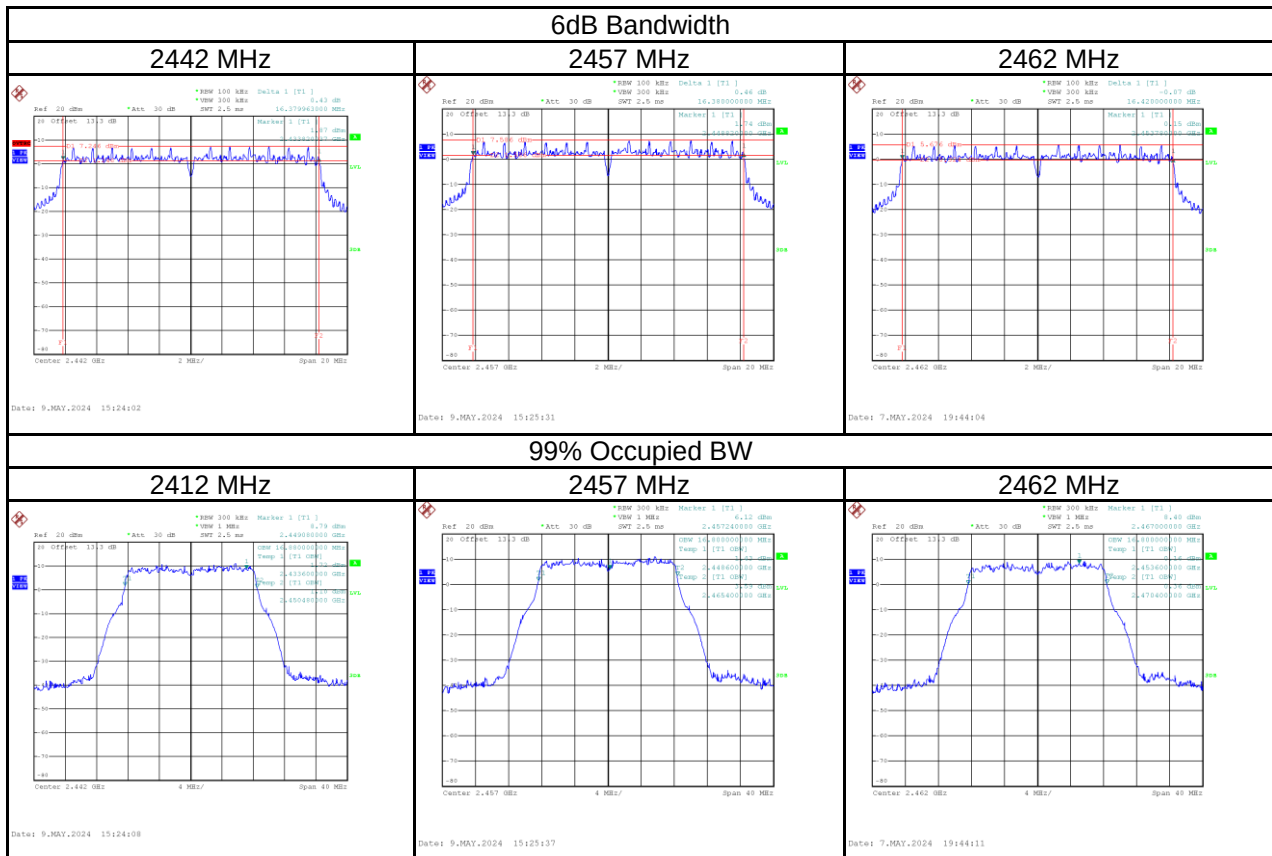




Test Mode	IEEE 802.11g_Ant 4
-----------	--------------------

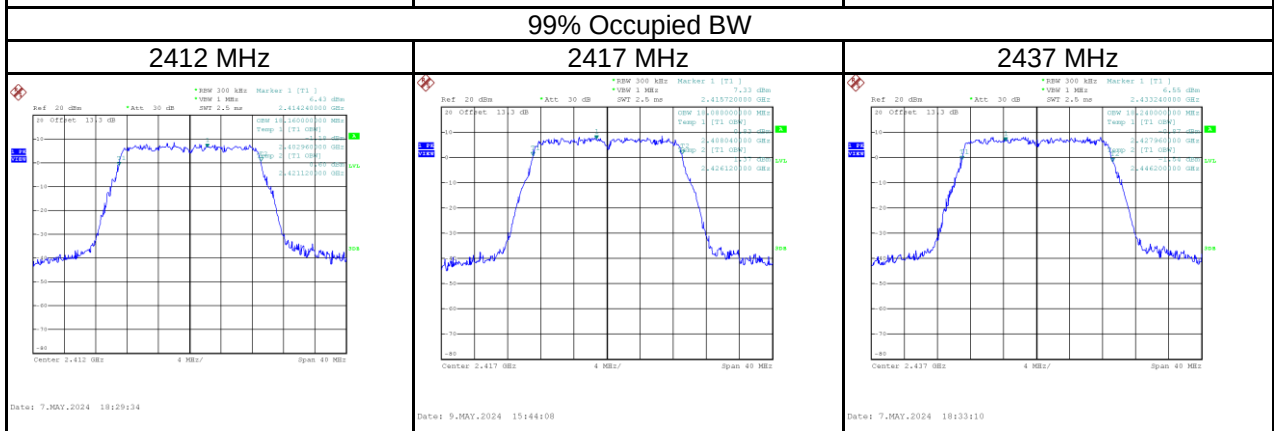
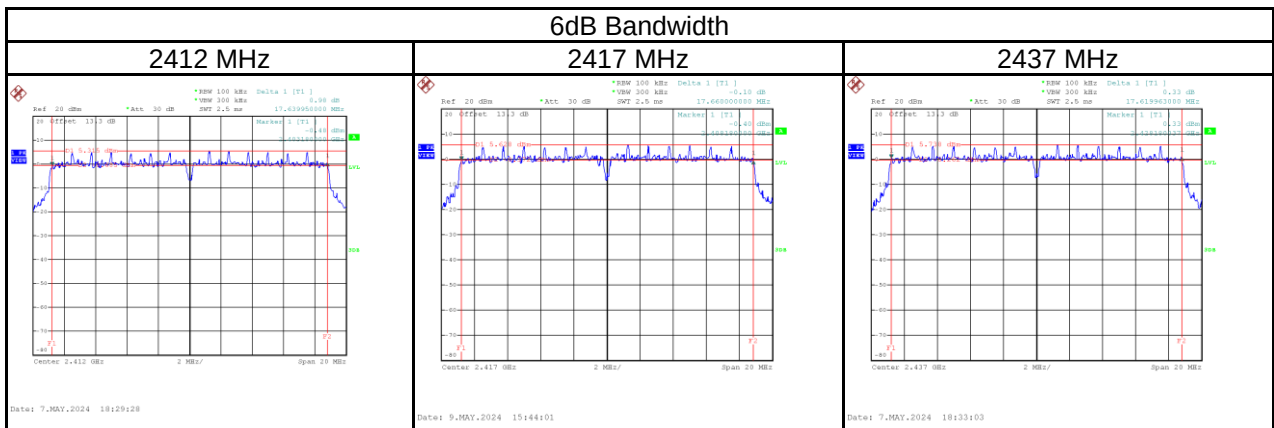
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	16.38	16.80	≥ 500	Pass
2417	16.40	16.88	≥ 500	Pass
2437	16.38	16.80	≥ 500	Pass
2442	16.38	16.88	≥ 500	Pass
2457	16.38	16.80	≥ 500	Pass
2462	16.42	16.80	≥ 500	Pass

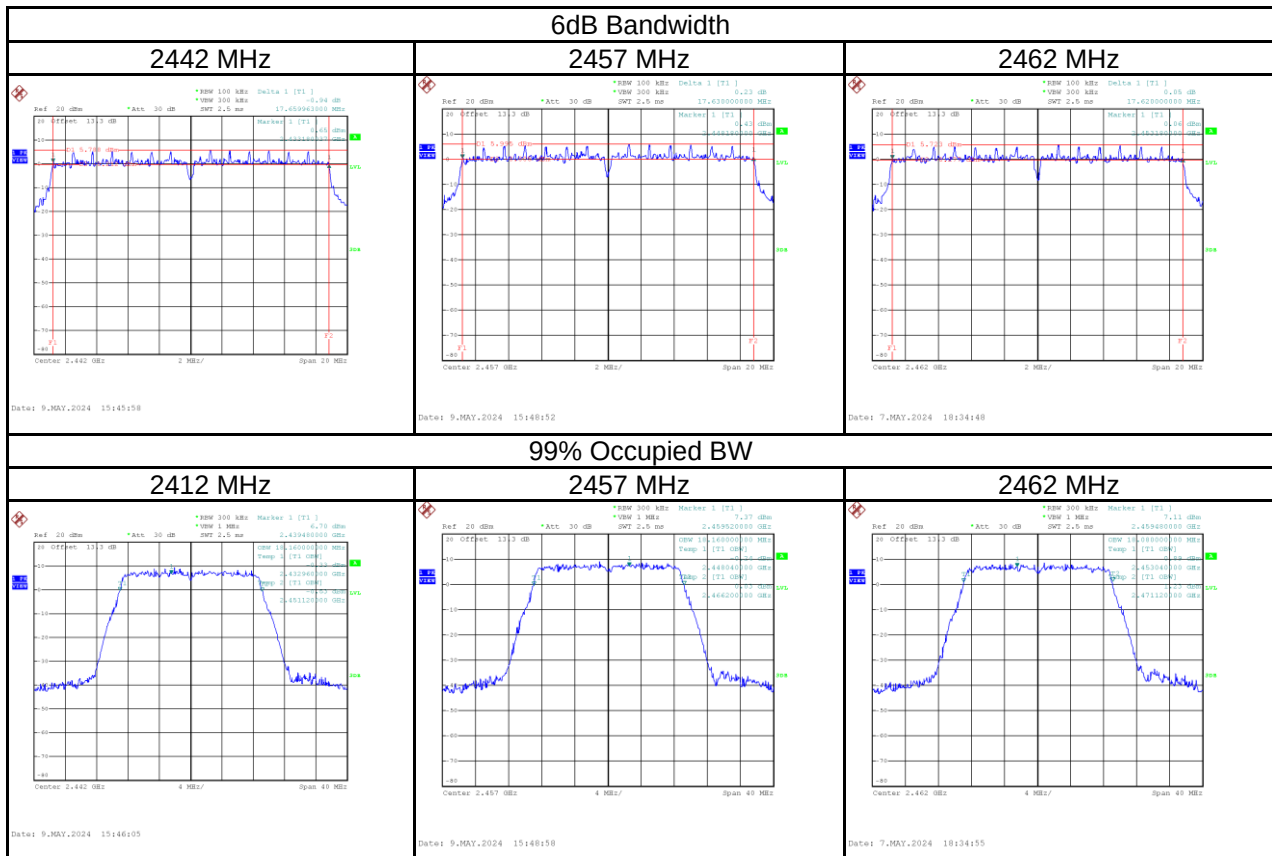




Test Mode	VHT20_Ant 3
-----------	-------------

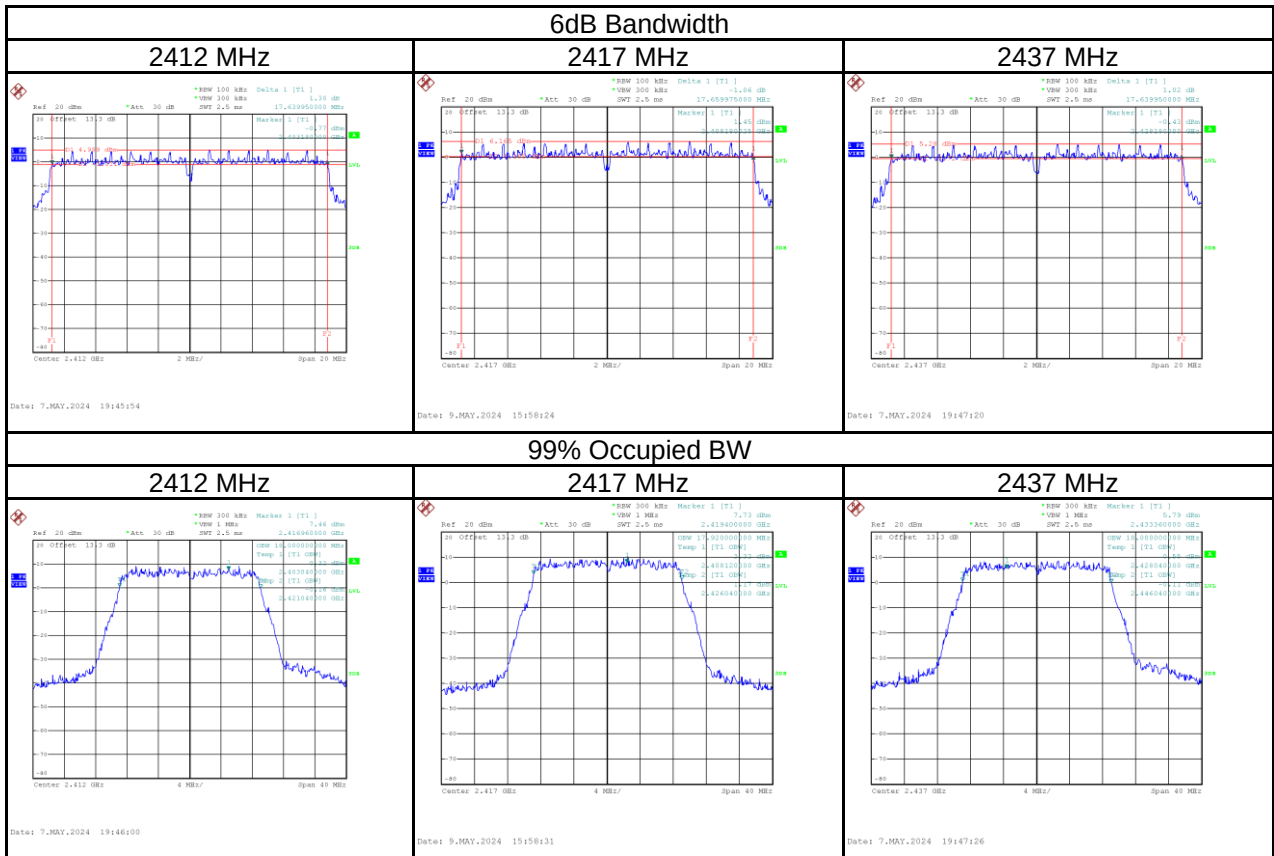
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.64	18.16	≥ 500	Pass
2417	17.66	18.08	≥ 500	Pass
2437	17.62	18.24	≥ 500	Pass
2442	17.66	18.16	≥ 500	Pass
2457	17.63	18.16	≥ 500	Pass
2462	17.62	18.08	≥ 500	Pass

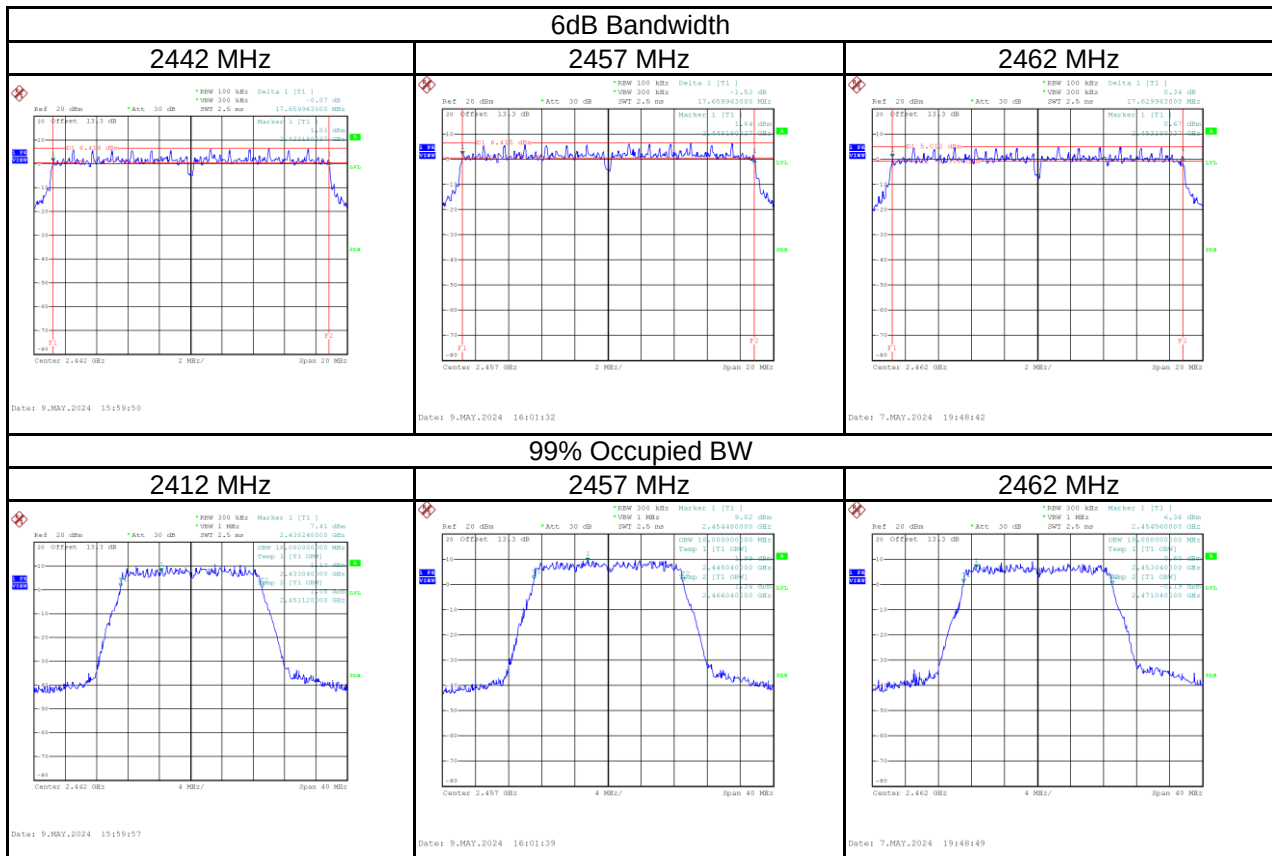




Test Mode	VHT20_Ant 4
-----------	-------------

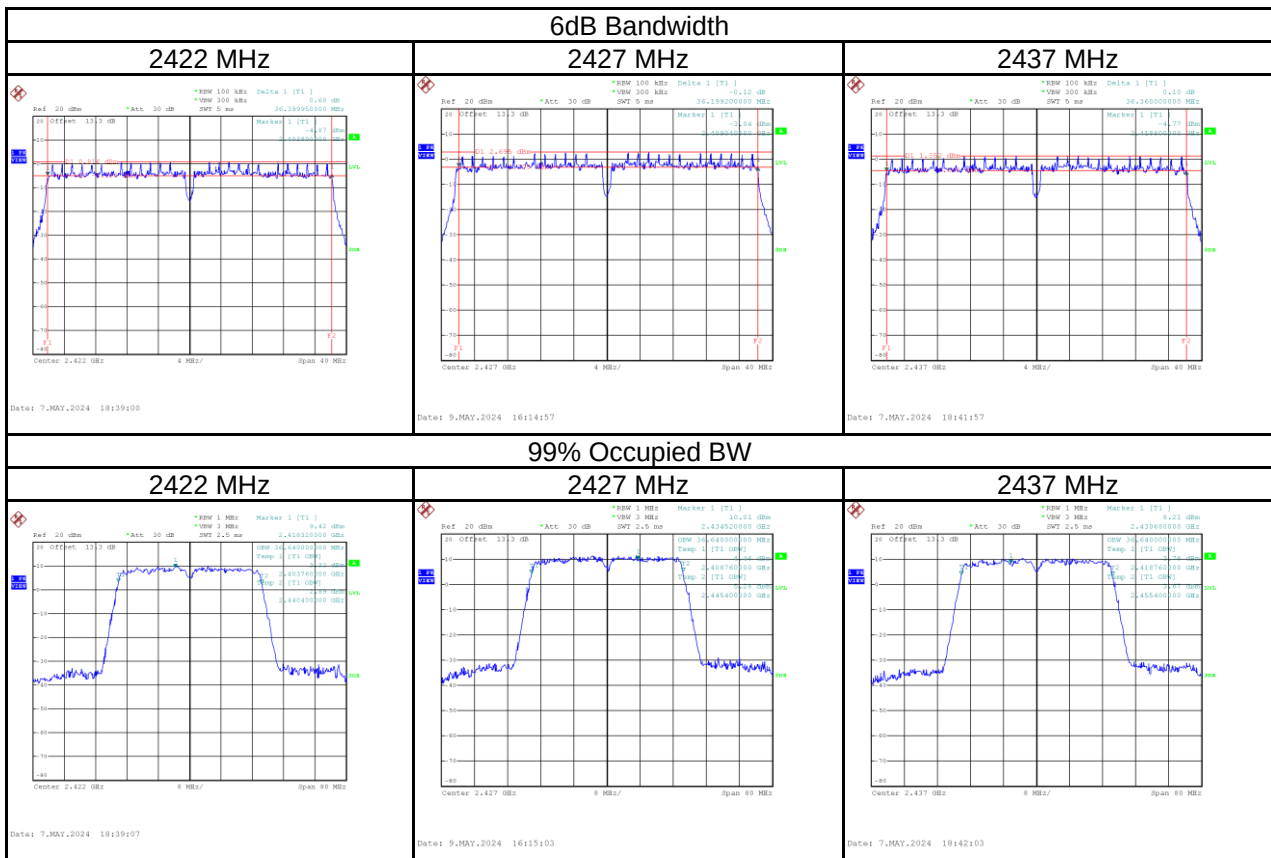
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.64	18.00	≥ 500	Pass
2417	17.66	17.92	≥ 500	Pass
2437	17.64	18.00	≥ 500	Pass
2442	17.66	18.08	≥ 500	Pass
2457	17.66	18.00	≥ 500	Pass
2462	17.63	18.00	≥ 500	Pass

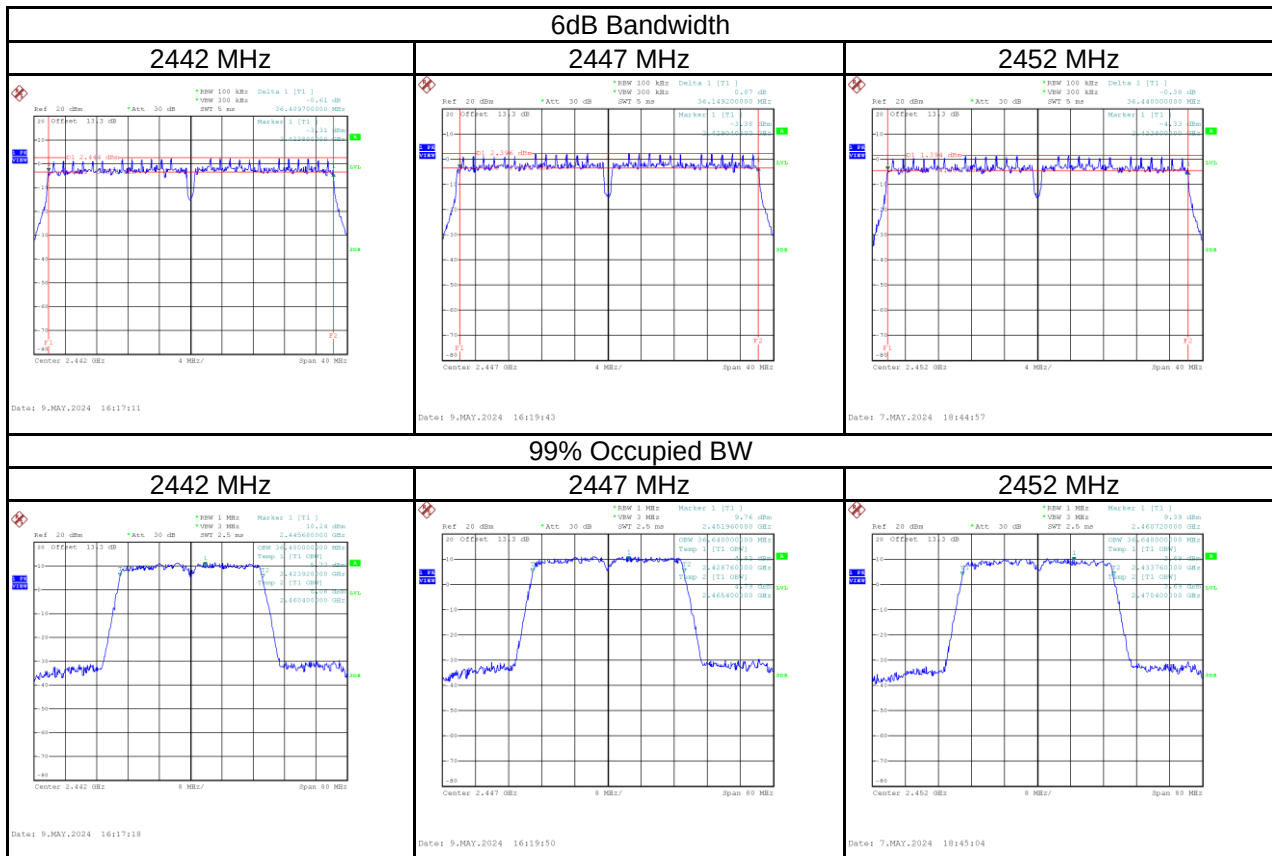




Test Mode	VHT40_Ant 3
-----------	-------------

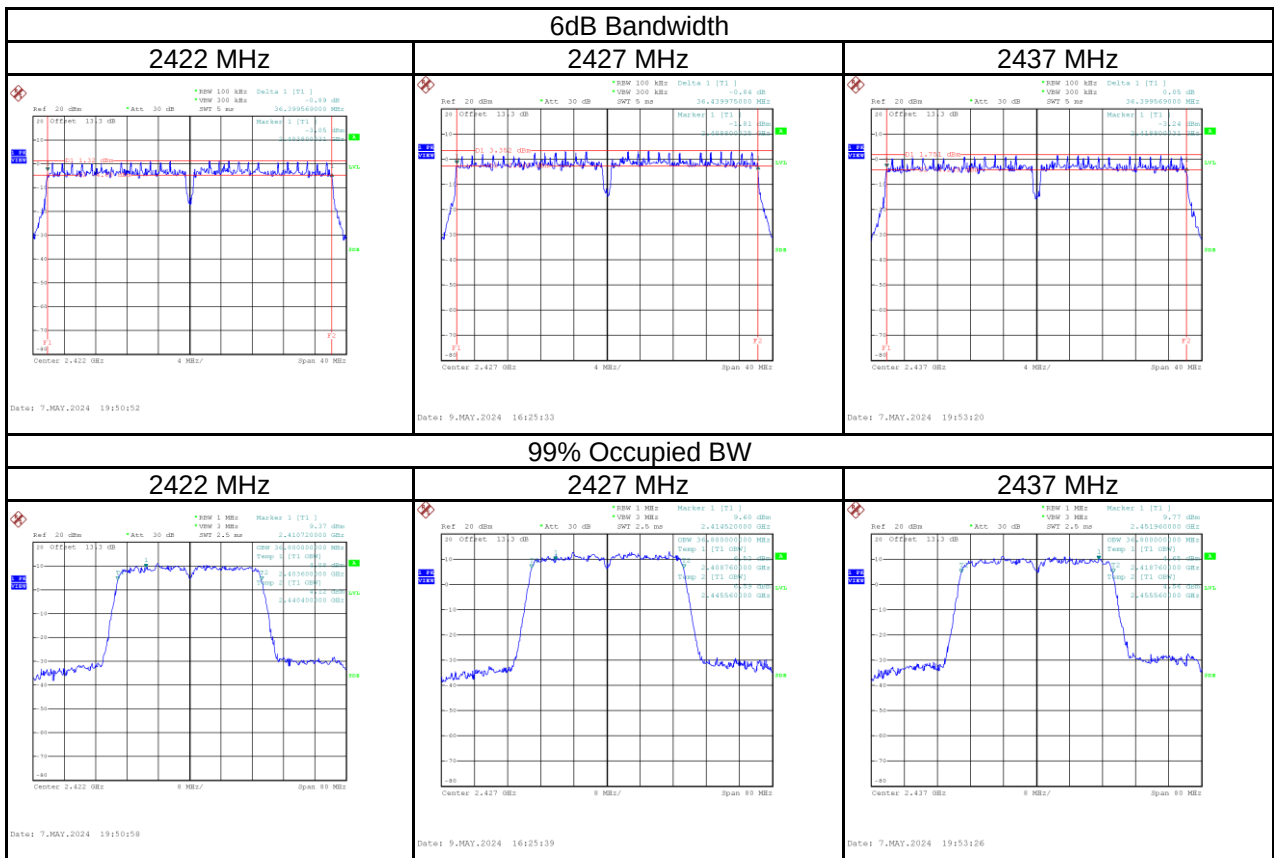
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	36.40	36.64	≥ 500	Pass
2427	36.20	36.64	≥ 500	Pass
2437	36.36	36.64	≥ 500	Pass
2442	36.41	36.48	≥ 500	Pass
2447	36.15	36.64	≥ 500	Pass
2452	36.44	36.64	≥ 500	Pass

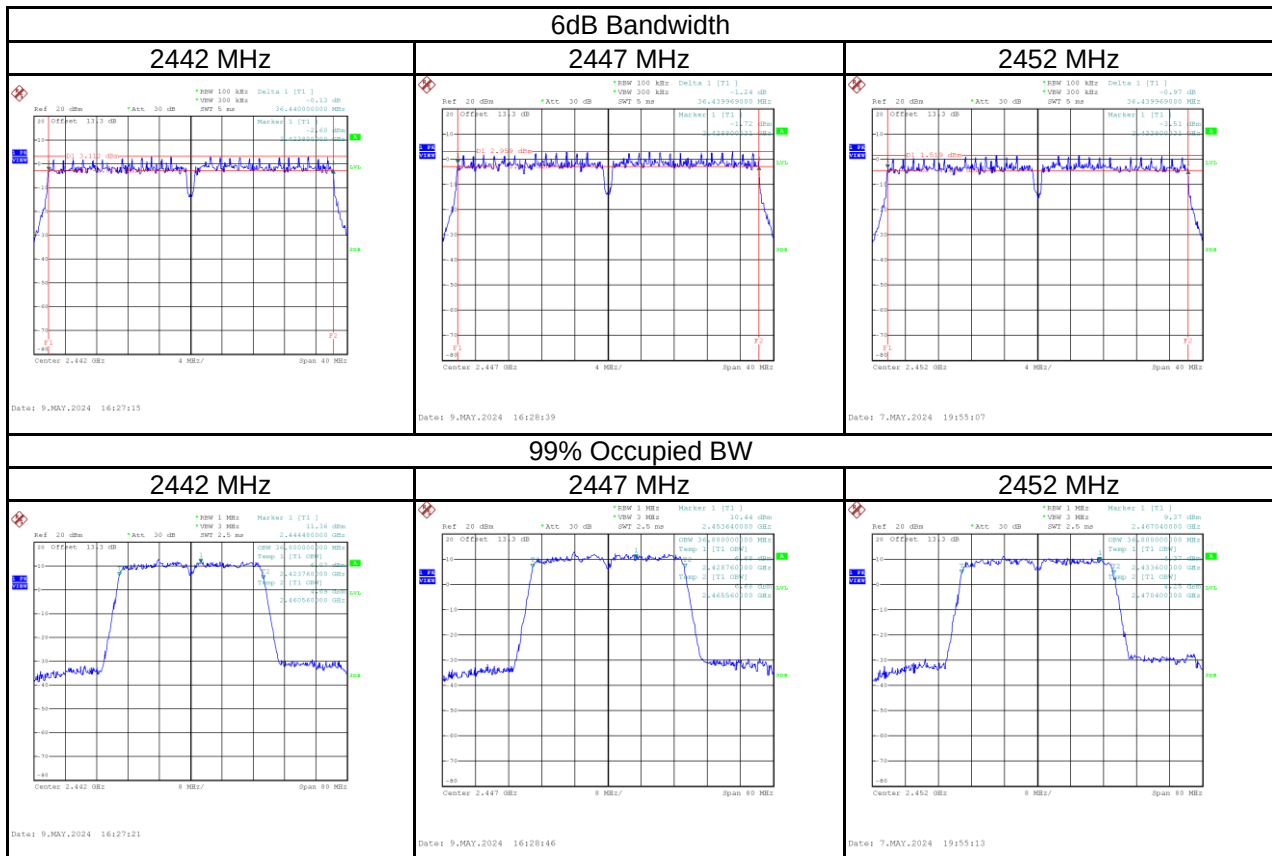




Test Mode	VHT40_Ant 4
-----------	-------------

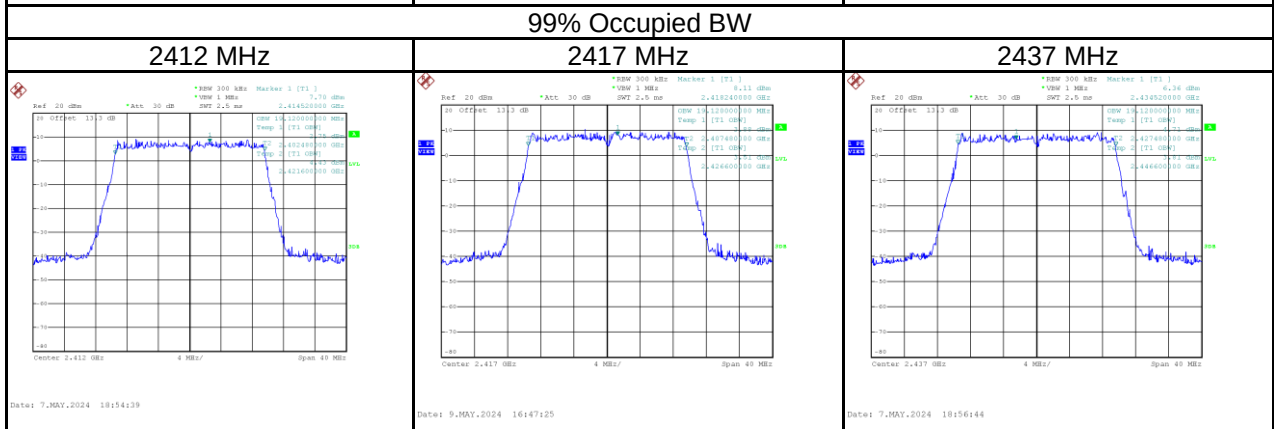
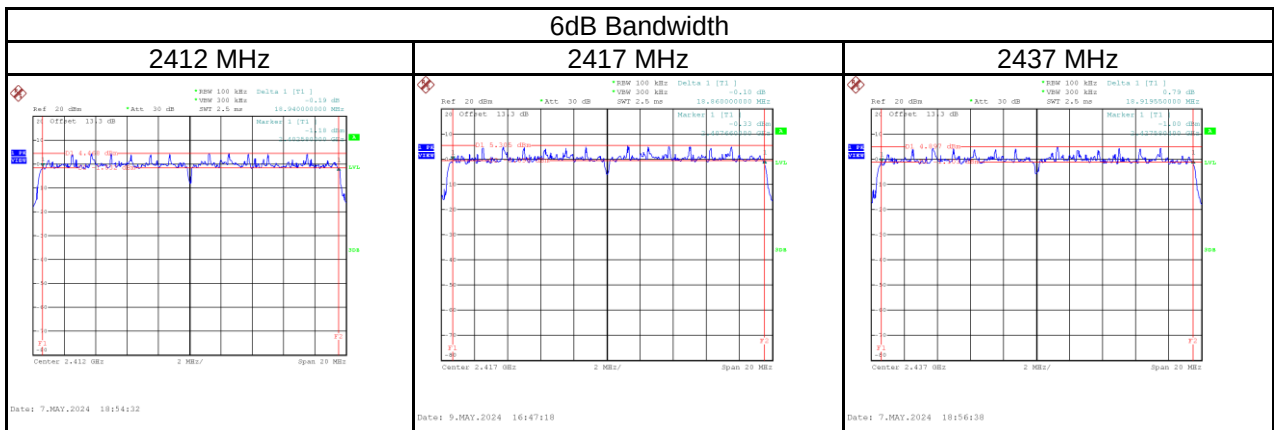
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	36.40	36.80	≥ 500	Pass
2427	36.44	36.80	≥ 500	Pass
2437	36.40	36.80	≥ 500	Pass
2442	36.44	36.80	≥ 500	Pass
2447	36.44	36.80	≥ 500	Pass
2452	36.44	36.80	≥ 500	Pass

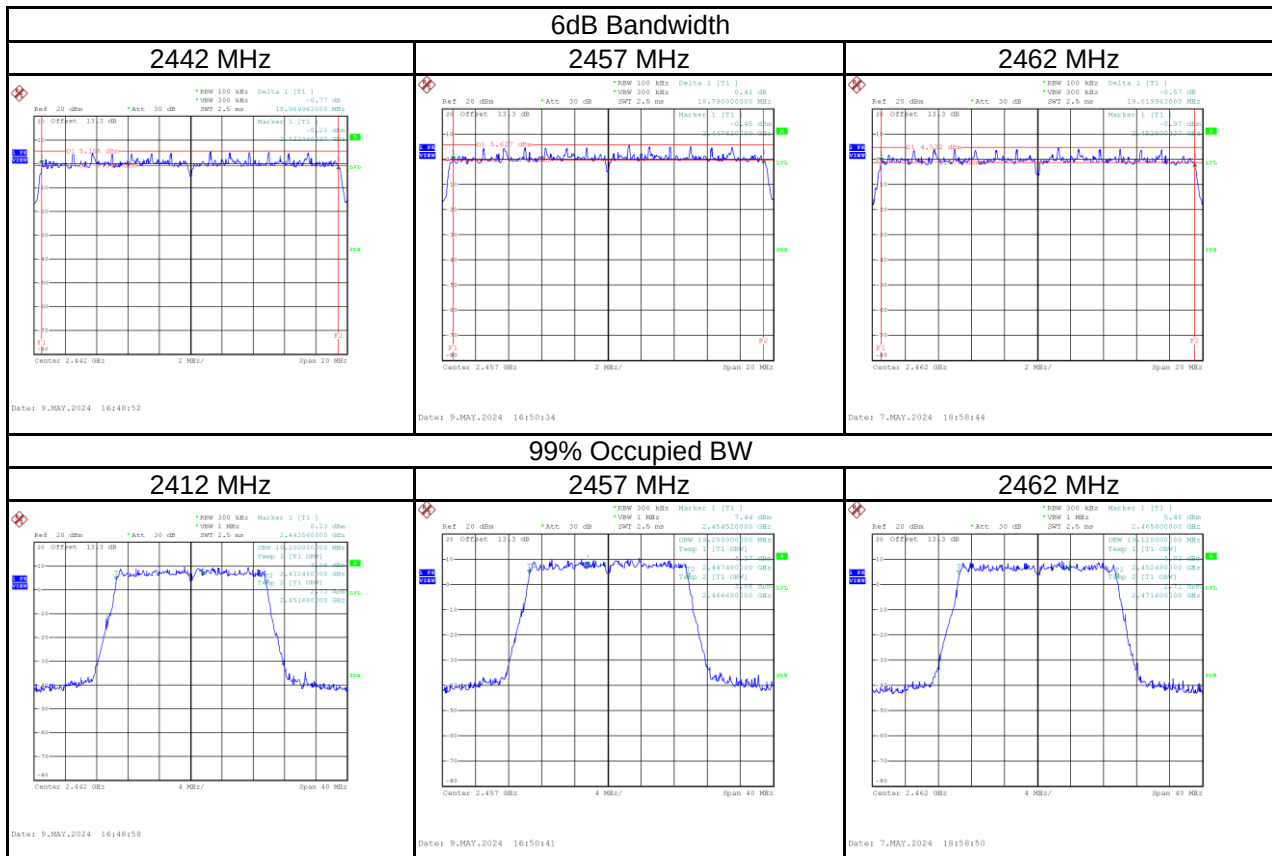




Test Mode	IEEE 802.11ax (HE20)_Ant 3
-----------	----------------------------

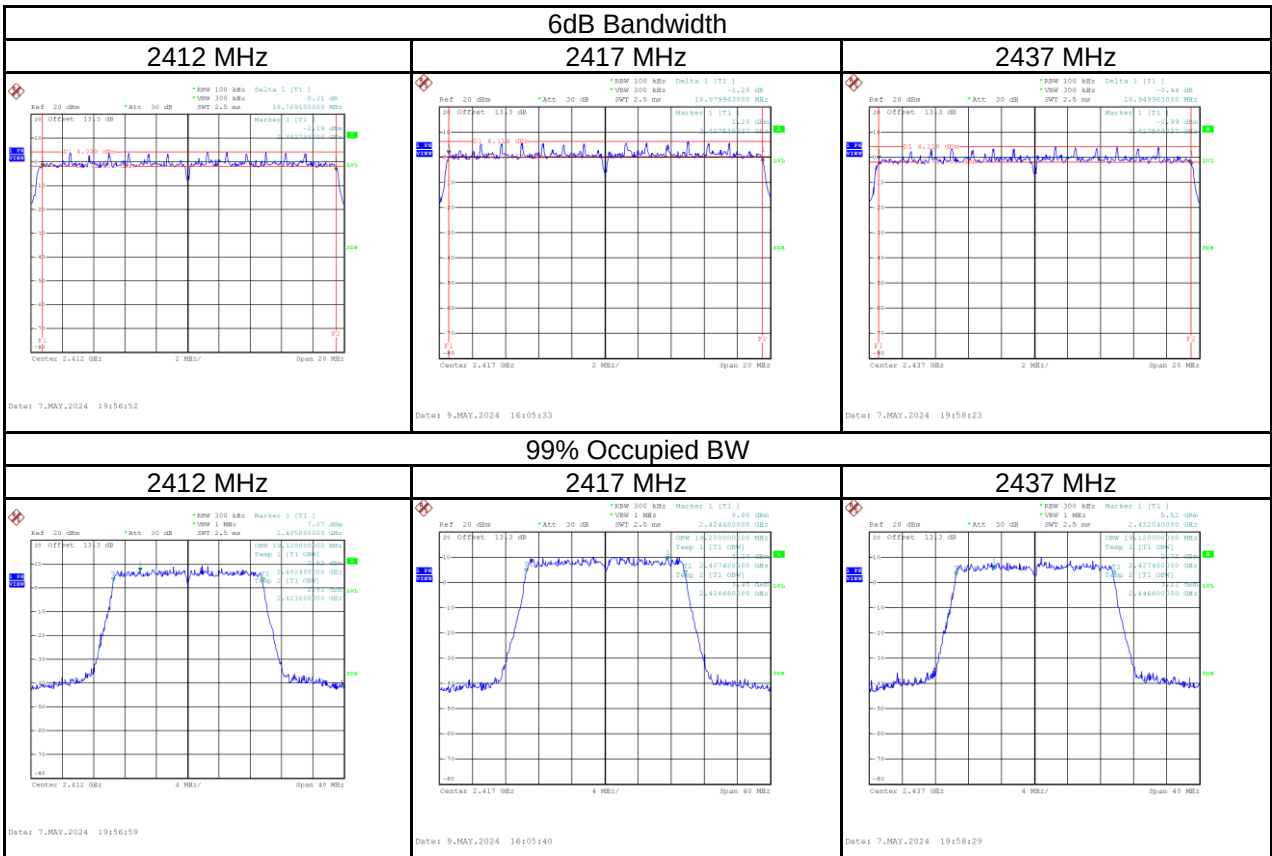
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	18.94	19.12	≥ 500	Pass
2417	18.86	19.12	≥ 500	Pass
2437	18.92	19.12	≥ 500	Pass
2442	18.99	19.20	≥ 500	Pass
2457	18.79	19.20	≥ 500	Pass
2462	19.02	19.12	≥ 500	Pass

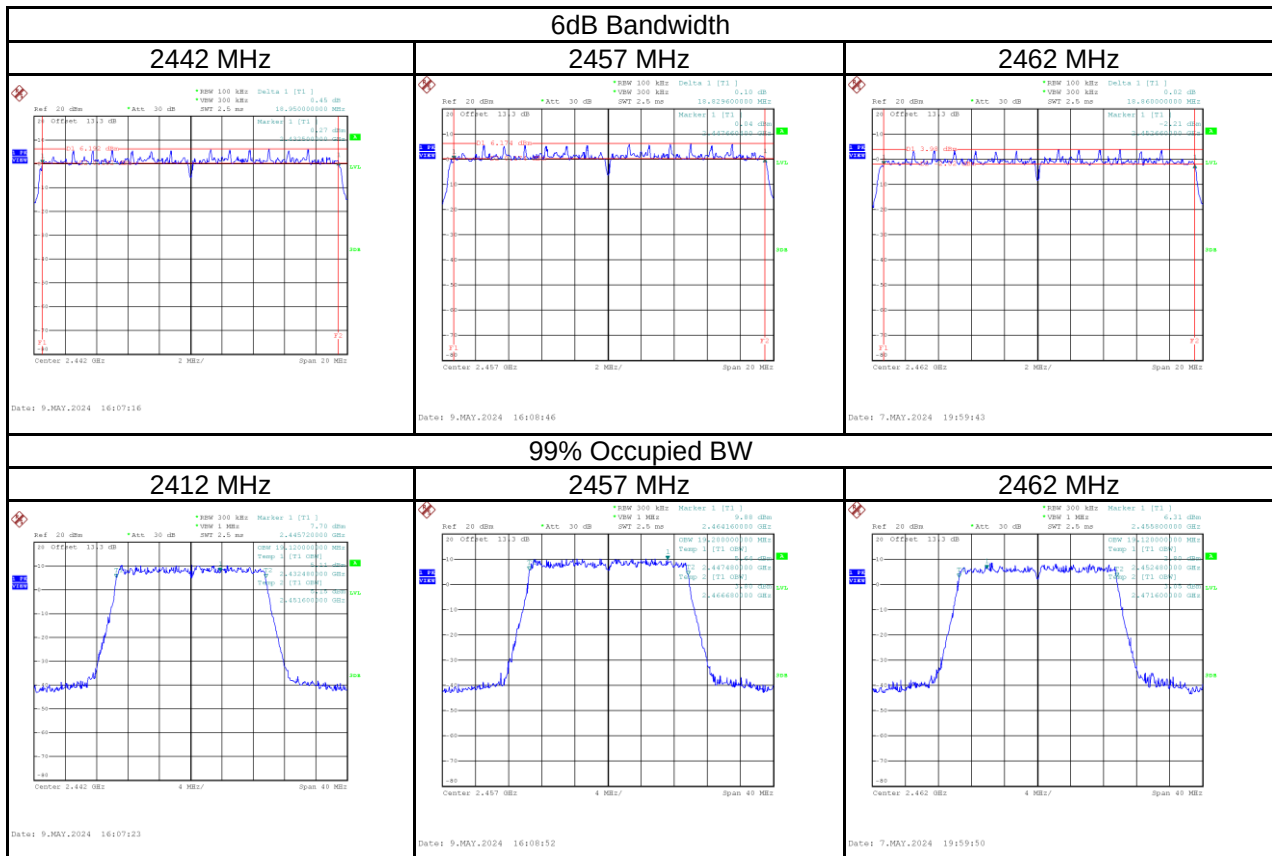




Test Mode	IEEE 802.11ax (HE20)_Ant 4
-----------	----------------------------

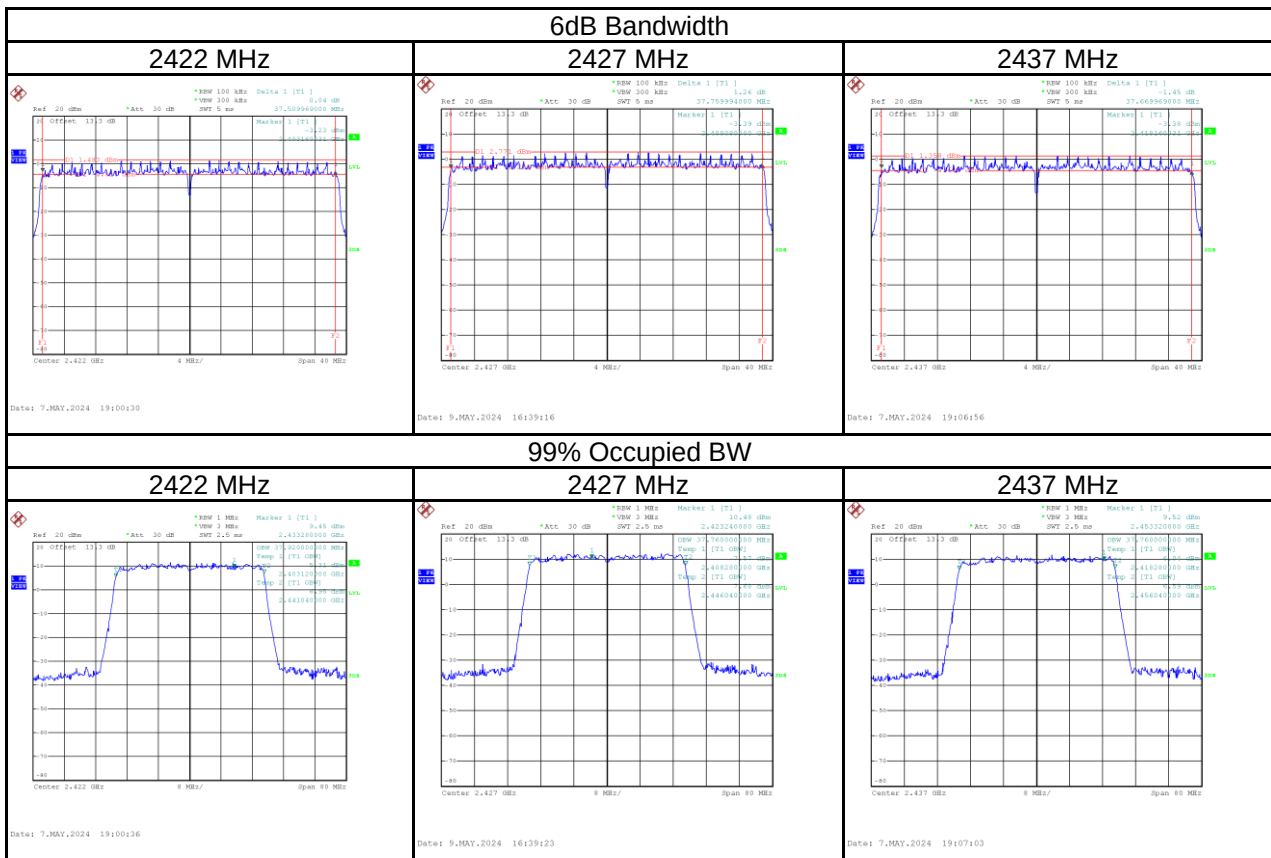
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	18.77	19.12	≥ 500	Pass
2417	18.98	19.20	≥ 500	Pass
2437	18.95	19.12	≥ 500	Pass
2442	18.95	19.12	≥ 500	Pass
2457	18.83	19.20	≥ 500	Pass
2462	18.86	19.12	≥ 500	Pass

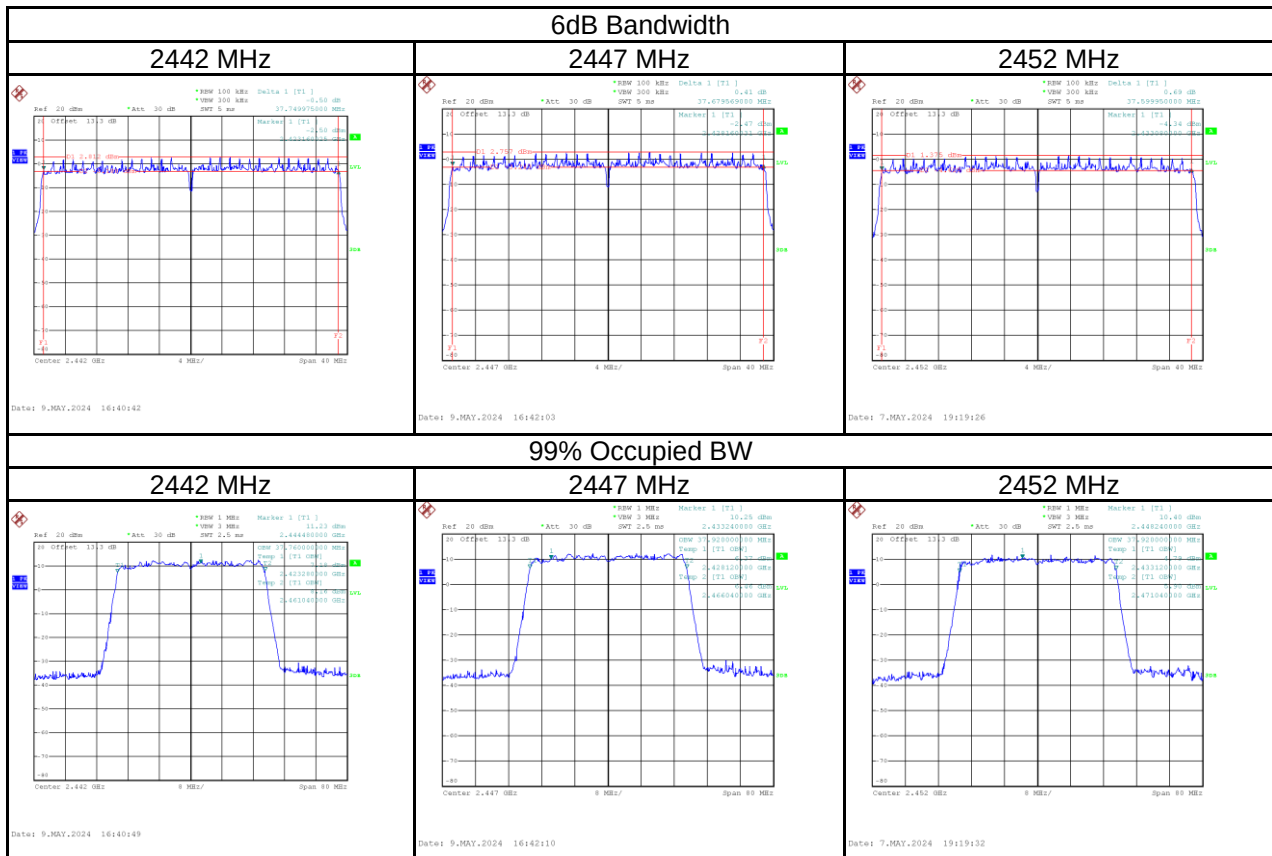




Test Mode	IEEE 802.11ax (HE40)_Ant 3
-----------	----------------------------

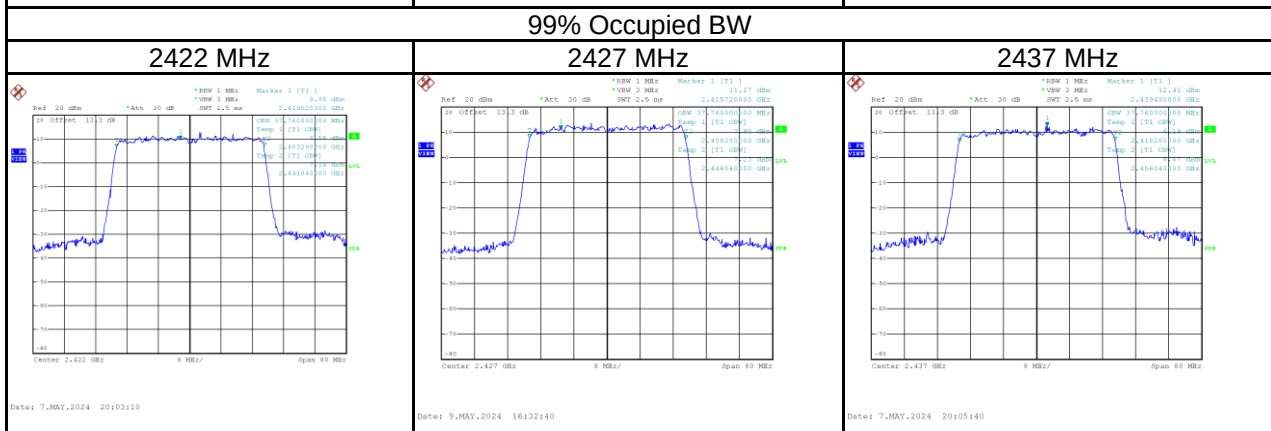
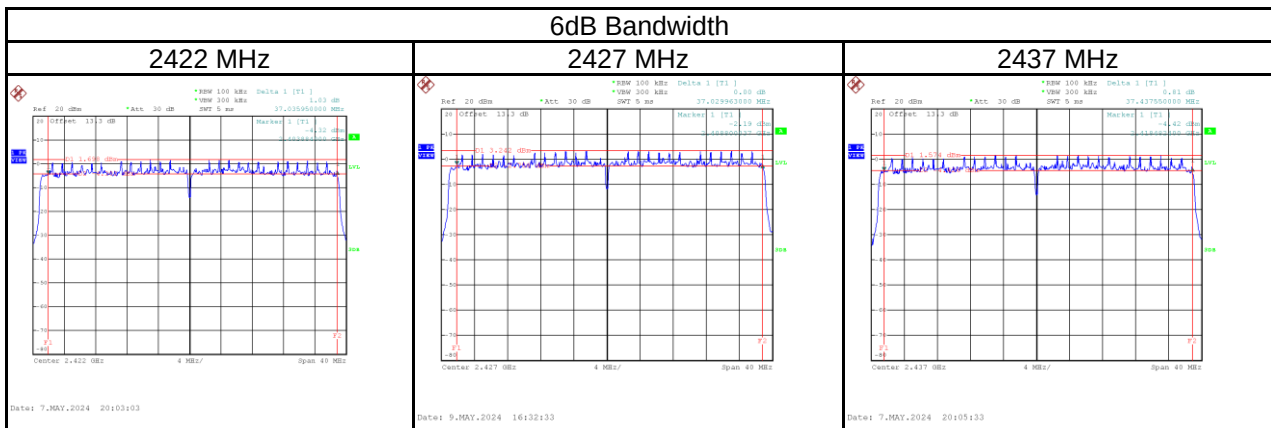
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	37.51	37.92	≥ 500	Pass
2427	37.76	37.76	≥ 500	Pass
2437	37.67	37.76	≥ 500	Pass
2442	37.75	37.76	≥ 500	Pass
2447	37.68	37.92	≥ 500	Pass
2452	37.60	37.92	≥ 500	Pass

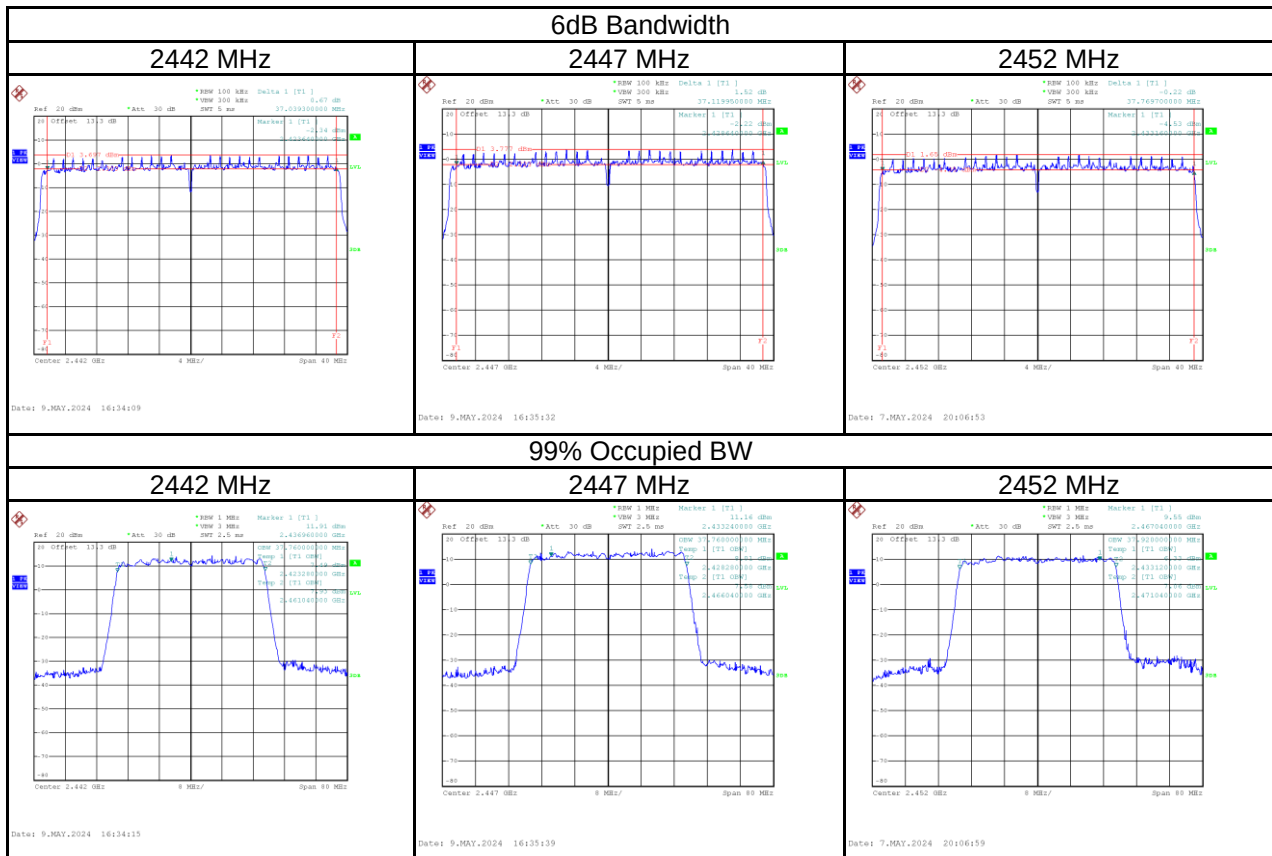




Test Mode	IEEE 802.11ax (HE40)_Ant 4
-----------	----------------------------

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	37.04	37.76	≥ 500	Pass
2427	37.03	37.76	≥ 500	Pass
2437	37.44	37.76	≥ 500	Pass
2442	37.04	37.76	≥ 500	Pass
2447	37.12	37.76	≥ 500	Pass
2452	37.77	37.92	≥ 500	Pass





APPENDIX F OUTPUT POWER

Operation Mode	Non-Beamforming mode
----------------	----------------------

Test Mode	IEEE 802.11b_Ant 3	Tested Date	2024/5/7
-----------	--------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.46	0.2793	30.00	1.0000	Pass
2417	24.26	0.2667	30.00	1.0000	Pass
2437	23.96	0.2489	30.00	1.0000	Pass
2442	23.64	0.2312	30.00	1.0000	Pass
2457	24.79	0.3013	30.00	1.0000	Pass
2462	24.77	0.2999	30.00	1.0000	Pass

Test Mode	IEEE 802.11b_Ant 4	Tested Date	2024/5/7
-----------	--------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.48	0.2228	30.00	1.0000	Pass
2417	23.27	0.2123	30.00	1.0000	Pass
2437	23.03	0.2009	30.00	1.0000	Pass
2442	22.76	0.1888	30.00	1.0000	Pass
2457	24.32	0.2704	30.00	1.0000	Pass
2462	24.20	0.2630	30.00	1.0000	Pass

Test Mode	IEEE 802.11b_Total	Tested Date	2024/5/7
-----------	--------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	27.01	0.5021	30.00	1.0000	Pass
2417	26.80	0.4790	30.00	1.0000	Pass
2437	26.53	0.4498	30.00	1.0000	Pass
2442	26.23	0.4200	30.00	1.0000	Pass
2457	27.57	0.5717	30.00	1.0000	Pass
2462	27.50	0.5629	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_Ant 3	Tested Date	2024/5/7
-----------	--------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.46	0.1112	30.00	1.0000	Pass
2417	24.37	0.2735	30.00	1.0000	Pass
2437	24.79	0.3013	30.00	1.0000	Pass
2442	24.90	0.3090	30.00	1.0000	Pass
2457	23.31	0.2143	30.00	1.0000	Pass
2462	19.91	0.0979	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_Ant 4	Tested Date	2024/5/7
-----------	--------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.70	0.0933	30.00	1.0000	Pass
2417	23.96	0.2489	30.00	1.0000	Pass
2437	24.22	0.2642	30.00	1.0000	Pass
2442	24.34	0.2716	30.00	1.0000	Pass
2457	22.93	0.1963	30.00	1.0000	Pass
2462	19.62	0.0916	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_Total	Tested Date	2024/5/7
-----------	--------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.11	0.2045	30.00	1.0000	Pass
2417	27.18	0.5224	30.00	1.0000	Pass
2437	27.52	0.5655	30.00	1.0000	Pass
2442	27.64	0.5807	30.00	1.0000	Pass
2457	26.13	0.4106	30.00	1.0000	Pass
2462	22.78	0.1896	30.00	1.0000	Pass

Test Mode	VHT20_Ant 3	Tested Date	2024/5/7
-----------	-------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.40	0.1096	30.00	1.0000	Pass
2417	24.13	0.2588	30.00	1.0000	Pass
2437	24.89	0.3083	30.00	1.0000	Pass
2442	24.85	0.3055	30.00	1.0000	Pass
2457	22.74	0.1879	30.00	1.0000	Pass
2462	20.87	0.1222	30.00	1.0000	Pass

Test Mode	VHT20_Ant 4	Tested Date	2024/5/7
-----------	-------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.87	0.0971	30.00	1.0000	Pass
2417	23.79	0.2393	30.00	1.0000	Pass
2437	24.45	0.2786	30.00	1.0000	Pass
2442	24.36	0.2729	30.00	1.0000	Pass
2457	22.24	0.1675	30.00	1.0000	Pass
2462	20.63	0.1156	30.00	1.0000	Pass

Test Mode	VHT20_Total	Tested Date	2024/5/7
-----------	-------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.15	0.2067	30.00	1.0000	Pass
2417	26.97	0.4982	30.00	1.0000	Pass
2437	27.69	0.5869	30.00	1.0000	Pass
2442	27.62	0.5784	30.00	1.0000	Pass
2457	25.51	0.3554	30.00	1.0000	Pass
2462	23.76	0.2378	30.00	1.0000	Pass

Test Mode	VHT40_Ant 3	Tested Date	2024/5/7
-----------	-------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.88	0.0773	30.00	1.0000	Pass
2427	19.70	0.0933	30.00	1.0000	Pass
2437	22.53	0.1791	30.00	1.0000	Pass
2442	22.67	0.1849	30.00	1.0000	Pass
2447	19.89	0.0975	30.00	1.0000	Pass
2452	19.85	0.0966	30.00	1.0000	Pass

Test Mode	VHT40_Ant 4	Tested Date	2024/5/7
-----------	-------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.97	0.0789	30.00	1.0000	Pass
2427	19.54	0.0899	30.00	1.0000	Pass
2437	22.82	0.1914	30.00	1.0000	Pass
2442	22.75	0.1884	30.00	1.0000	Pass
2447	19.91	0.0979	30.00	1.0000	Pass
2452	19.92	0.0982	30.00	1.0000	Pass

Test Mode	VHT40_Total	Tested Date	2024/5/7
-----------	-------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	21.94	0.1562	30.00	1.0000	Pass
2427	22.63	0.1833	30.00	1.0000	Pass
2437	25.69	0.3705	30.00	1.0000	Pass
2442	25.72	0.3733	30.00	1.0000	Pass
2447	22.91	0.1954	30.00	1.0000	Pass
2452	22.90	0.1948	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE20)_Ant 3	Tested Date	2024/5/7
-----------	----------------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	20.32	0.1076	30.00	1.0000	Pass
2417	24.49	0.2812	30.00	1.0000	Pass
2437	24.83	0.3041	30.00	1.0000	Pass
2442	24.92	0.3105	30.00	1.0000	Pass
2457	23.04	0.2014	30.00	1.0000	Pass
2462	20.96	0.1247	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE20)_Ant 4	Tested Date	2024/5/7
-----------	----------------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.74	0.0942	30.00	1.0000	Pass
2417	24.21	0.2636	30.00	1.0000	Pass
2437	24.63	0.2904	30.00	1.0000	Pass
2442	24.98	0.3148	30.00	1.0000	Pass
2457	22.39	0.1734	30.00	1.0000	Pass
2462	20.57	0.1140	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2024/5/7
-----------	----------------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.05	0.2018	30.00	1.0000	Pass
2417	27.36	0.5448	30.00	1.0000	Pass
2437	27.74	0.5945	30.00	1.0000	Pass
2442	27.96	0.6252	30.00	1.0000	Pass
2457	25.74	0.3748	30.00	1.0000	Pass
2462	23.78	0.2388	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE40)_Ant 3	Tested Date	2024/5/7
-----------	----------------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.96	0.0787	30.00	1.0000	Pass
2427	20.51	0.1125	30.00	1.0000	Pass
2437	22.61	0.1824	30.00	1.0000	Pass
2442	22.68	0.1854	30.00	1.0000	Pass
2447	20.01	0.1002	30.00	1.0000	Pass
2452	19.78	0.0951	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE40)_Ant 4	Tested Date	2024/5/7
-----------	----------------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.88	0.0773	30.00	1.0000	Pass
2427	20.73	0.1183	30.00	1.0000	Pass
2437	22.80	0.1905	30.00	1.0000	Pass
2442	22.81	0.1910	30.00	1.0000	Pass
2447	20.12	0.1028	30.00	1.0000	Pass
2452	19.73	0.0940	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE40)_Total	Tested Date	2024/5/7
-----------	----------------------------	-------------	----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	21.93	0.1560	30.00	1.0000	Pass
2427	23.63	0.2308	30.00	1.0000	Pass
2437	25.72	0.3729	30.00	1.0000	Pass
2442	25.76	0.3763	30.00	1.0000	Pass
2447	23.08	0.2030	30.00	1.0000	Pass
2452	22.77	0.1890	30.00	1.0000	Pass

Operation Mode	Beamforming mode
----------------	------------------

Test Mode	VHT20_Ant 3	Tested Date	2024/5/10
-----------	-------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.98	0.0995	30.00	1.0000	Pass
2417	23.71	0.2350	30.00	1.0000	Pass
2437	24.48	0.2805	30.00	1.0000	Pass
2442	24.44	0.2780	30.00	1.0000	Pass
2457	22.31	0.1702	30.00	1.0000	Pass
2462	20.44	0.1107	30.00	1.0000	Pass

Test Mode	VHT20_Ant 4	Tested Date	2024/5/10
-----------	-------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.44	0.0879	30.00	1.0000	Pass
2417	23.46	0.2218	30.00	1.0000	Pass
2437	24.04	0.2535	30.00	1.0000	Pass
2442	19.11	0.0815	30.00	1.0000	Pass
2457	21.82	0.1521	30.00	1.0000	Pass
2462	20.21	0.1050	30.00	1.0000	Pass

Test Mode	VHT20_Total	Tested Date	2024/5/10
-----------	-------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	22.73	0.1874	30.00	1.0000	Pass
2417	26.60	0.4568	30.00	1.0000	Pass
2437	27.28	0.5341	30.00	1.0000	Pass
2442	25.56	0.3594	30.00	1.0000	Pass
2457	25.08	0.3223	30.00	1.0000	Pass
2462	23.34	0.2156	30.00	1.0000	Pass

Test Mode	VHT40_Ant 3	Tested Date	2024/5/10
-----------	-------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.46	0.0701	30.00	1.0000	Pass
2427	19.26	0.0843	30.00	1.0000	Pass
2437	22.12	0.1629	30.00	1.0000	Pass
2442	22.25	0.1679	30.00	1.0000	Pass
2447	19.46	0.0883	30.00	1.0000	Pass
2452	19.42	0.0875	30.00	1.0000	Pass

Test Mode	VHT40_Ant 4	Tested Date	2024/5/10
-----------	-------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.55	0.0716	30.00	1.0000	Pass
2427	19.13	0.0818	30.00	1.0000	Pass
2437	22.41	0.1742	30.00	1.0000	Pass
2442	22.33	0.1710	30.00	1.0000	Pass
2447	19.49	0.0889	30.00	1.0000	Pass
2452	19.52	0.0895	30.00	1.0000	Pass

Test Mode	VHT40_Total	Tested Date	2024/5/10
-----------	-------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	21.52	0.1418	30.00	1.0000	Pass
2427	22.21	0.1662	30.00	1.0000	Pass
2437	25.28	0.3371	30.00	1.0000	Pass
2442	25.30	0.3389	30.00	1.0000	Pass
2447	22.49	0.1772	30.00	1.0000	Pass
2452	22.48	0.1770	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE20)_Ant 3	Tested Date	2024/5/10
-----------	----------------------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.91	0.0979	30.00	1.0000	Pass
2417	24.08	0.2559	30.00	1.0000	Pass
2437	24.41	0.2761	30.00	1.0000	Pass
2442	24.49	0.2812	30.00	1.0000	Pass
2457	22.62	0.1828	30.00	1.0000	Pass
2462	20.54	0.1132	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE20)_Ant 4	Tested Date	2024/5/10
-----------	----------------------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.31	0.0853	30.00	1.0000	Pass
2417	23.78	0.2388	30.00	1.0000	Pass
2437	24.22	0.2642	30.00	1.0000	Pass
2442	24.56	0.2858	30.00	1.0000	Pass
2457	21.98	0.1578	30.00	1.0000	Pass
2462	20.13	0.1030	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2024/5/10
-----------	----------------------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	22.63	0.1833	30.00	1.0000	Pass
2417	26.94	0.4946	30.00	1.0000	Pass
2437	27.33	0.5403	30.00	1.0000	Pass
2442	27.54	0.5669	30.00	1.0000	Pass
2457	25.32	0.3406	30.00	1.0000	Pass
2462	23.35	0.2163	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE40)_Ant 3	Tested Date	2024/5/10
-----------	----------------------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.54	0.0714	30.00	1.0000	Pass
2427	20.09	0.1021	30.00	1.0000	Pass
2437	22.21	0.1663	30.00	1.0000	Pass
2442	22.26	0.1683	30.00	1.0000	Pass
2447	19.59	0.0910	30.00	1.0000	Pass
2452	19.34	0.0859	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE40)_Ant 4	Tested Date	2024/5/10
-----------	----------------------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.45	0.0700	30.00	1.0000	Pass
2427	20.39	0.1094	30.00	1.0000	Pass
2437	22.38	0.1730	30.00	1.0000	Pass
2442	22.37	0.1726	30.00	1.0000	Pass
2447	19.71	0.0935	30.00	1.0000	Pass
2452	19.31	0.0853	30.00	1.0000	Pass

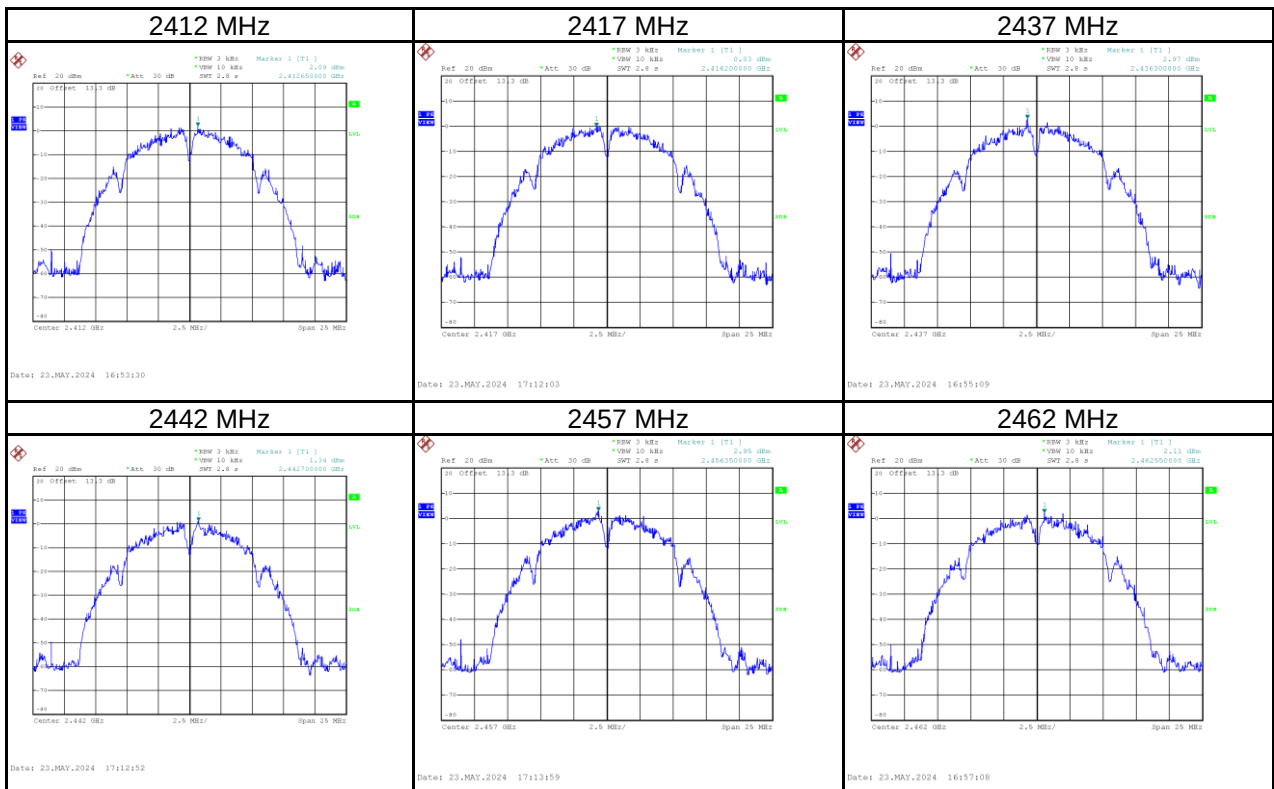
Test Mode	IEEE 802.11ax (HE40)_Total	Tested Date	2024/5/10
-----------	----------------------------	-------------	-----------

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	21.51	0.1414	30.00	1.0000	Pass
2427	23.25	0.2115	30.00	1.0000	Pass
2437	25.31	0.3393	30.00	1.0000	Pass
2442	25.33	0.3409	30.00	1.0000	Pass
2447	22.66	0.1845	30.00	1.0000	Pass
2452	22.34	0.1712	30.00	1.0000	Pass

APPENDIX G POWER SPECTRAL DENSITY

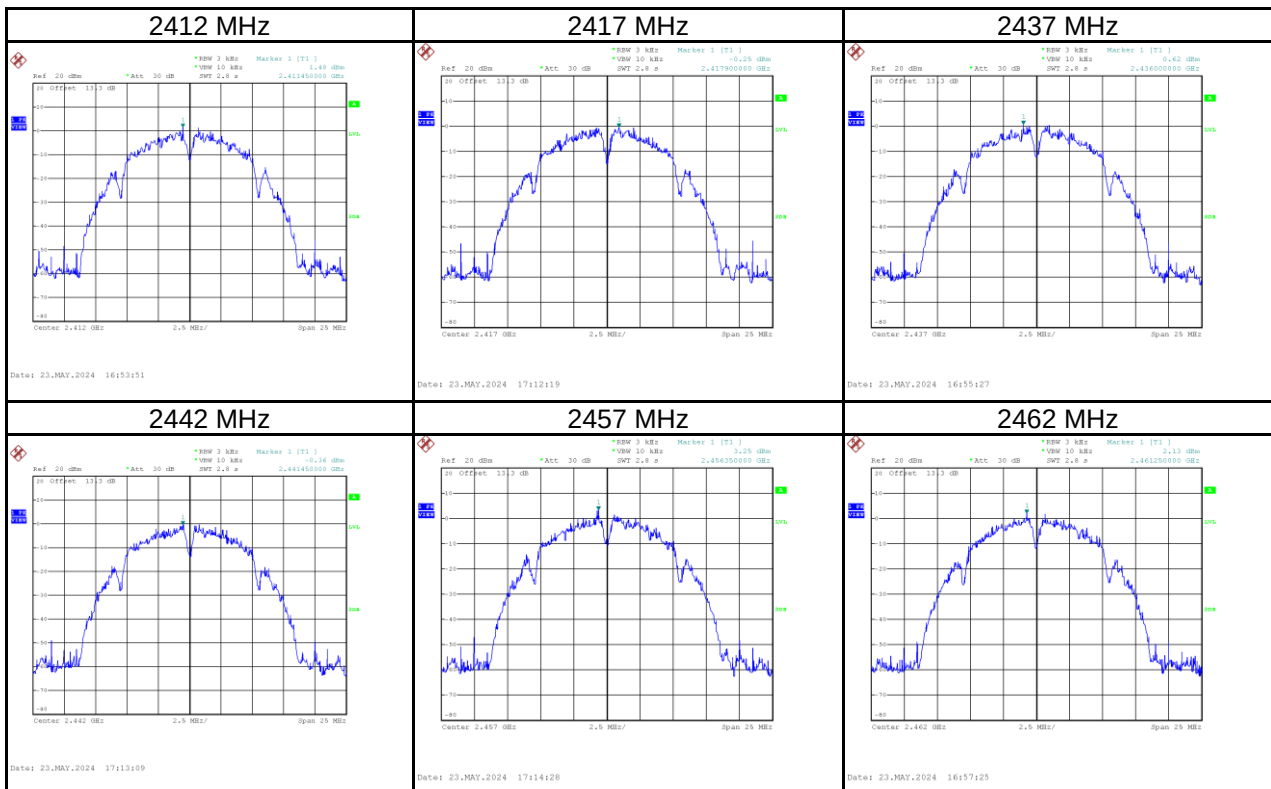
Test Mode	IEEE 802.11b_Ant 3
-----------	--------------------

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	2.09	8.00	Pass
2417	0.03	8.00	Pass
2437	2.97	8.00	Pass
2442	1.34	8.00	Pass
2457	2.95	8.00	Pass
2462	2.11	8.00	Pass



Test Mode	IEEE 802.11b_Ant 4
-----------	--------------------

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	1.48	8.00	Pass
2417	-0.25	8.00	Pass
2437	0.62	8.00	Pass
2442	-0.36	8.00	Pass
2457	3.25	8.00	Pass
2462	2.13	8.00	Pass



Test Mode	IEEE 802.11b_Total
-----------	--------------------

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	4.81	8.00	Pass
2417	2.90	8.00	Pass
2437	4.96	8.00	Pass
2442	3.58	8.00	Pass
2457	6.11	8.00	Pass
2462	7.98	8.00	Pass