FCC Radio Test Report

FCC ID: 2BCGWTBE552E

Report No.	:	BTL-FCCP-4-2403G002
Equipment	:	BE9300 Wi-Fi 7 Bluetooth PCIe Adapter
Model Name	:	Archer TBE552E
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	:	2024/4/19
Date of Test	:	2024/4/19 ~ 2024/7/20
Issued Date	:	2024/7/24

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

Prepared by : Poken Huang, Engineer

Approved by : Peter Chen, Manager

BTL Inc.

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Declaration

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

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** 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

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-4-2403G002	R00	Original Report.	2024/7/1	Invalid
BTL-FCCP-4-2403G002	R01	Revised report to address comments.	2024/7/22	Invalid
BTL-FCCP-4-2403G002	R02	Revised report to address comments.	2024/7/24	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 C APPENDIX D APPENDIX E	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 (3)**

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.
(3) The device what use replaceable antennas with non-standard interfaces are considered sufficient to com ply with the provisions of 15.203.

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:
(FCC DN: TW0659)
No.64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
☒ CB20 ☒ TR01 ☒ C20

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ± U**, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k = 2**, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C20	CISPR	150 kHz ~ 30MHz	2.4498

B. Radiated emissions test:

Test Site	Measurement Frequency Range	U (dB)
CB20	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	0.53
Output power	0.37
Power Spectral Density	0.66
Conducted Spurious emissions	0.53
Conducted Band edges	0.53

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

1.3 TEST ENVIRONMENT CONDITIONS

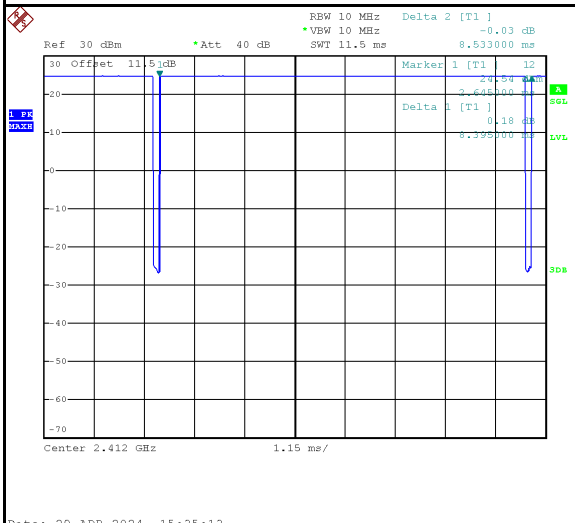
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	AC 120 V	Ken Lu
Radiated emissions below 1 GHz	25°C, 65%	AC 120 V	Barry Tsui
Radiated emissions above 1 GHz	25°C, 65%	AC 120 V	Ken Lu Barry Tsui
Bandwidth	24°C, 50%	AC 120 V	Cheng Tsai
Output Power	24°C, 50%	AC 120 V	Cheng Tsai
Power Spectral Density	24°C, 50%	AC 120 V	Cheng Tsai
Antenna conducted Spurious Emission	24°C, 50%	AC 120 V	Cheng Tsai

1.4 DUTY CYCLE

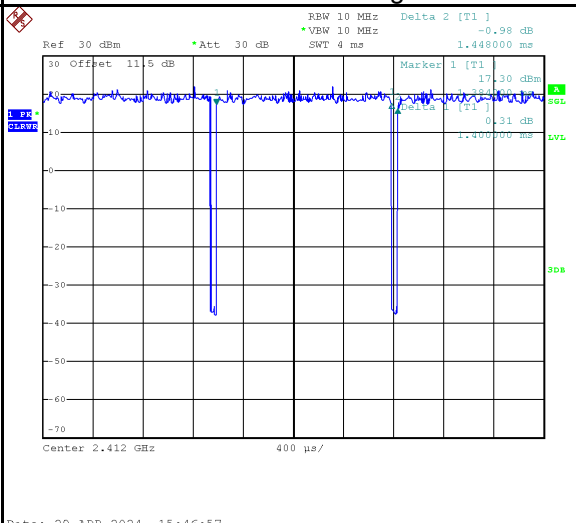
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	8.395	1	8.395	8.533	98.38%	0.07
IEEE 802.11g	1.400	1	1.400	1.448	96.69%	0.15
IEEE 802.11n (HT20)	1.315	1	1.315	1.370	95.99%	0.18
IEEE 802.11n (HT40)	0.650	1	0.650	0.705	92.20%	0.35
IEEE 802.11ax (HE20)	2.030	1	2.030	2.080	97.60%	0.11
IEEE 802.11ax (HE40)	1.040	1	1.040	1.120	92.86%	0.32
IEEE 802.11be (EHT20)	2.040	1	2.040	2.100	97.14%	0.13
IEEE 802.11be (EHT40)	1.050	1	1.050	1.120	93.75%	0.28

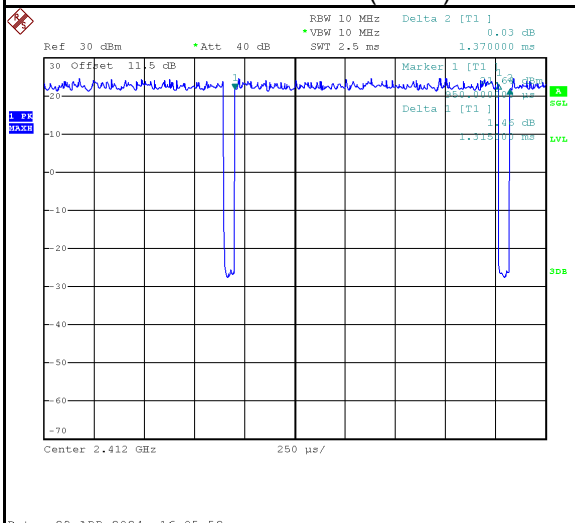
IEEE 802.11b



IEEE 802.11g



IEEE 802.11n (HT20)



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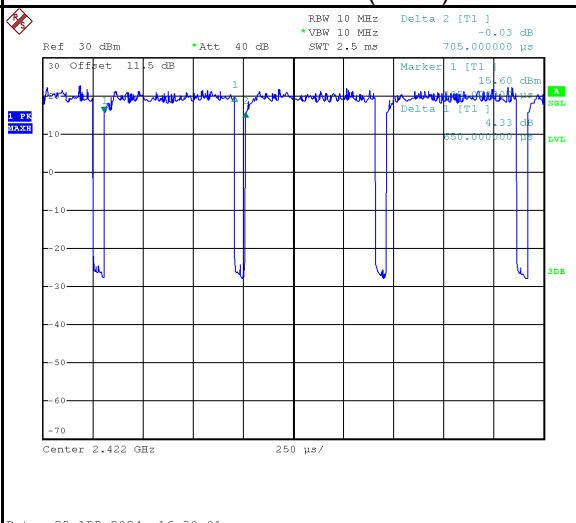
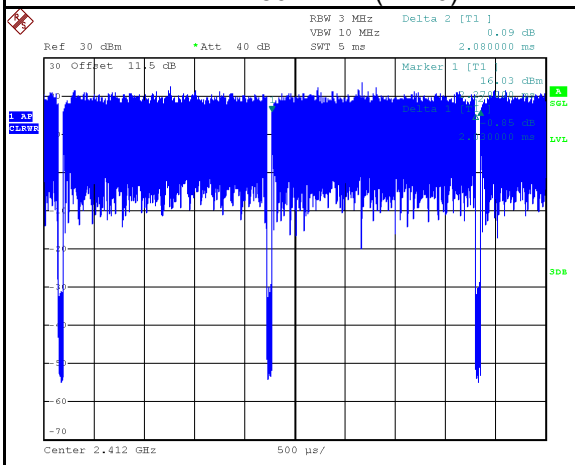
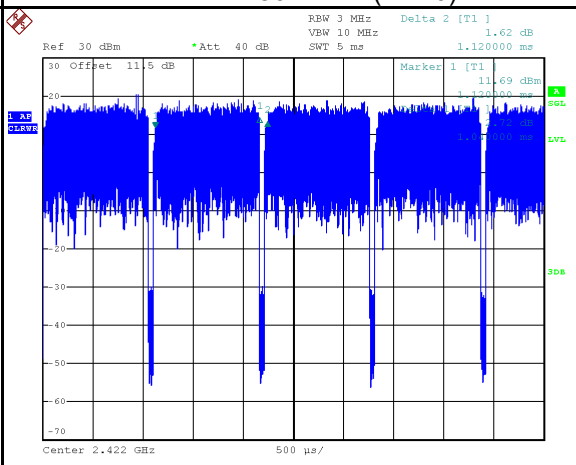
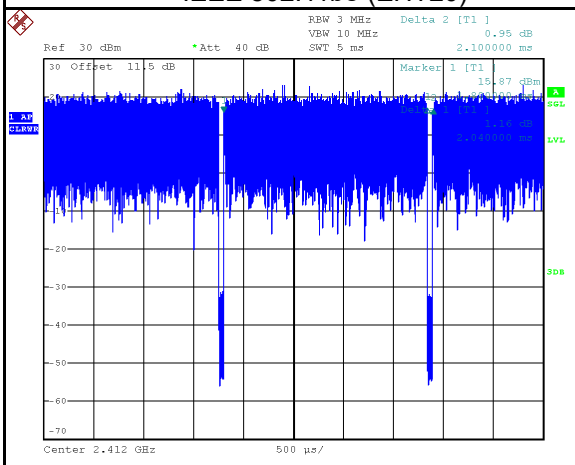
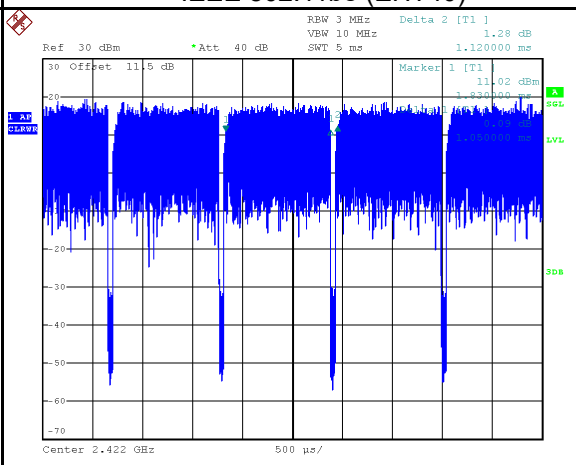


IEEE 802.11ax (HE20)	IEEE 802.11ax (HE40)
 Date: 30.APR.2024 18:03:03	 Date: 30.APR.2024 18:06:06
IEEE 802.11be (EHT20)	**IEEE 802.11be (EHT40)**
 Date: 30.APR.2024 18:08:28	 Date: 30.APR.2024 18:10:14

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	BE9300 Wi-Fi 7 Bluetooth PCIe Adapter
Brand Name	tp-link
Model Name	Archer TBE552E
Model Difference	N/A
Hardware Version	1.0
Software Version	1.0
Power Source	Supplied from PCIe Slot.
Power Rating	DC 3.3V
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 IEEE 802.11be: OFDMA
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 573.6 Mbps IEEE 802.11be: up to 688 Mbps
Output Power Max.	IEEE 802.11n40: 26.60 dBm (0.4571 W)
Test Model	Archer TBE552E
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:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20), IEEE 802.11ax(HE20), IEEE 802.11be (EHT20) CH03 - CH09 for IEEE 802.11n(HT40), IEEE 802.11ax(HE40), IEEE 802.11be (EHT40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

(3) Table for Filed Antenna:

Ant.	Brand Name	Model Name	Type	Connector	Gain (dBi)
1	TP-LINK CORPORATION PTE. LTD.	3101504215	Dipole	N/A	1.00
2	TP-LINK CORPORATION PTE. LTD.	3101504215	Dipole	N/A	1.00

NOTE:

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

b) For Output Power

For N_{ANT} = 2 < 5,

Direction gain = G_{ANT} + 0 = 1.00 + 0 = 1.00 dBi.

The Direction gain is less than 6 dBi, so output power limits will not be reduced.

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

(5) Operating Mode and Antenna Configuration

Operating Mode / TX Mode	2TX
IEEE 802.11b	V (Ant. 1+Ant. 2)
IEEE 802.11g	V (Ant. 1+Ant. 2)
IEEE 802.11n (HT20)	V (Ant. 1+Ant. 2)
IEEE 802.11n (HT40)	V (Ant. 1+Ant. 2)
IEEE 802.11ax (HE20)	V (Ant. 1+Ant. 2)
IEEE 802.11ax (HE40)	V (Ant. 1+Ant. 2)
IEEE 802.11be (EHT20)	V (Ant. 1+Ant. 2)
IEEE 802.11be (EHT40)	V (Ant. 1+Ant. 2)

2.2 TEST MODES

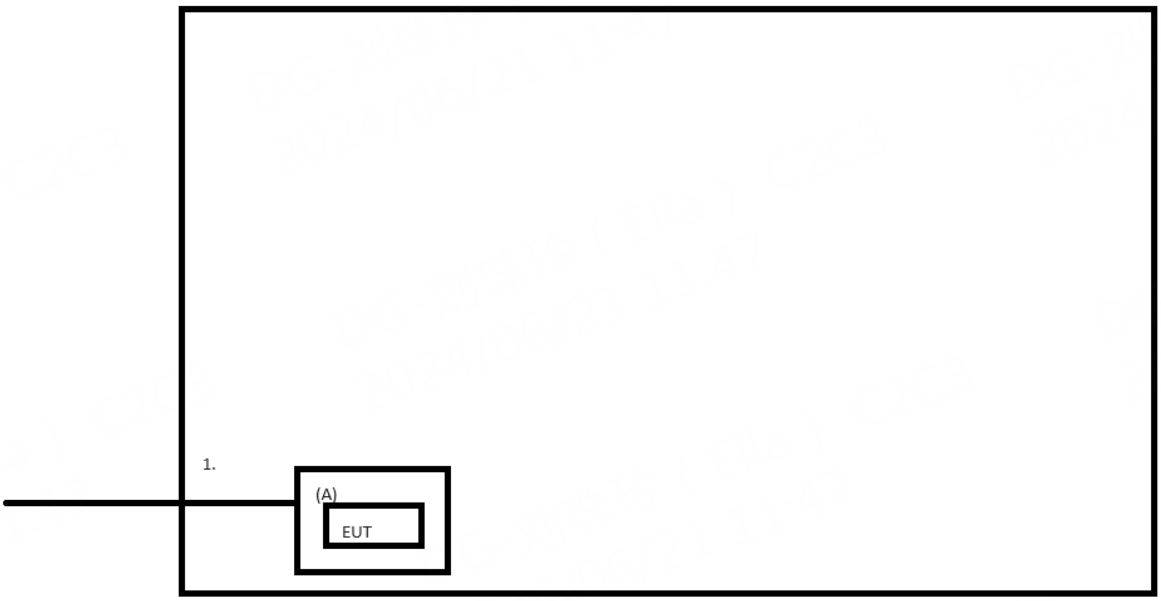
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11n (HT40)	06	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11be (EHT20)		
	TX Mode_IEEE 802.11n (HT40)	03/09	
	TX Mode_IEEE 802.11ax (HE40)		
	TX Mode_IEEE 802.11be (EHT40)		
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/06/11	Harmonic
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11be (EHT20)		
	TX Mode_IEEE 802.11n (HT40)	03/06/09	
	TX Mode_IEEE 802.11ax (HE40)		
	TX Mode_IEEE 802.11be (EHT40)		
Transmitter Radiated Emissions (above 18GHz)	TX Mode_IEEE 802.11n (HT40)	06	-
Bandwidth & Output Power & Power Spectral Density & Antenna conducted Spurious Emission	TX Mode_IEEE 802.11b	01/06/11	-
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11be (EHT20)		
	TX Mode_IEEE 802.11n (HT40)	03/06/09	
	TX Mode_IEEE 802.11ax (HE40)		
	TX Mode_IEEE 802.11be (EHT40)		

NOTE:
(1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.
(2) IEEE 802.11ax mode and IEEE 802.11be mode only supports full RU, so only the full RU is evaluated and measured inside report.
(3) For radiated emission below 1 GHz test, the TX N(HT40) Mode Channel 06 is found to be the worst case and recorded.

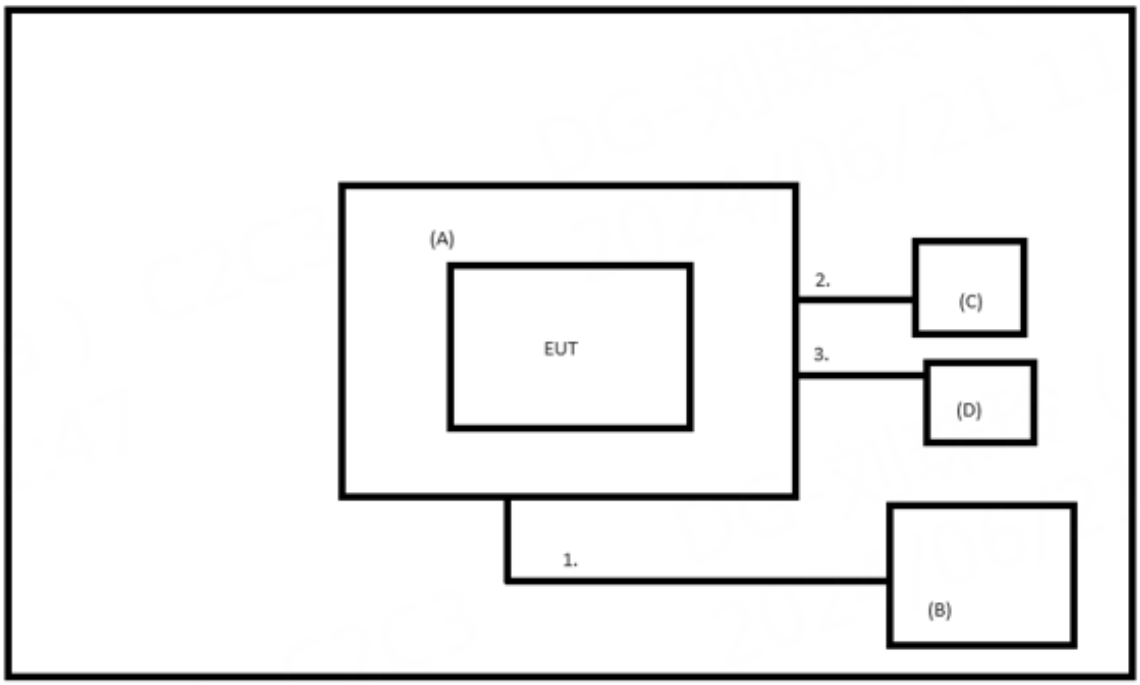
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

AC power line conducted emissions

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Host computer	HP	DESKTOP-TBTO665	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	Power cable	N	N	0.5m	Supplied by test requester.

Radiated Emissions

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Host computer	HP	DESKTOP-TBTO665	N/A	Furnished by test lab.
B	Computer screen	PHILIPS	221S8LDAB22" LED	N/A	Furnished by test lab.
C	Mouse	Lenovo	Moiuuo	8SSM50L24505A VLC25M019Z	Furnished by test lab.
D	Keyboard	Lenovo	SK-8823	8SSD51B37225A VLC25JOMX4	

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	VGA toVGA	N	N	1m	Furnished by test lab.
2	Power cable	N	N	1.8m	Furnished by test lab.
3	Power cable	N	N	1.8m	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

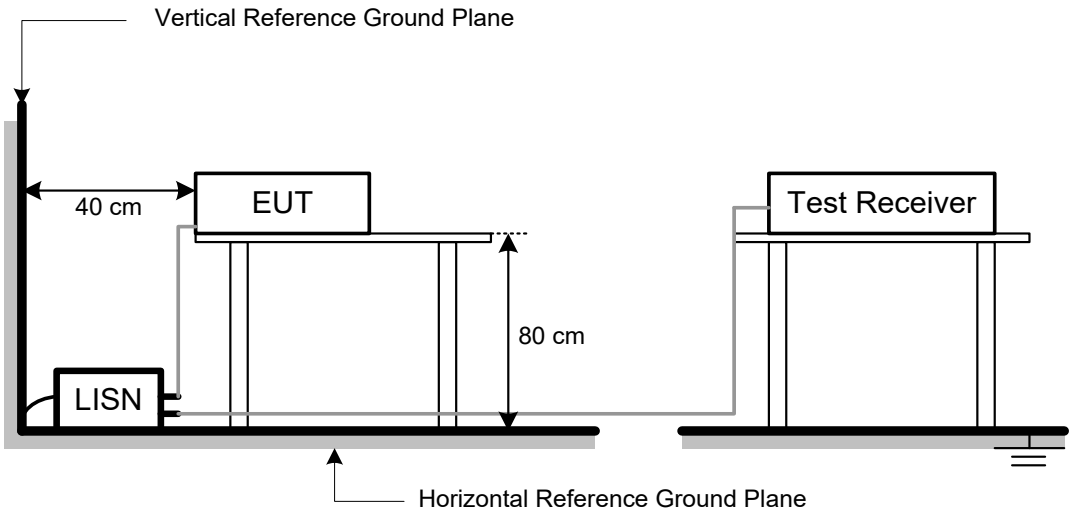
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
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 (dBµV)		Correct Factor (dB/m)		Measurement Value (dBµV/m)
19.11	+	2.11	=	21.22

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

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

Mode	VBW(Hz)
IEEE 802.11b	1.8k
IEEE 802.11g	750
IEEE 802.11n (HT20)	300
IEEE 802.11n (HT40)	300
IEEE 802.11ax (HE20)	300
IEEE 802.11ax (HE40)	300
IEEE 802.11be (EHT20)	300
IEEE 802.11be (EHT40)	300

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

4.2 TEST PROCEDURE

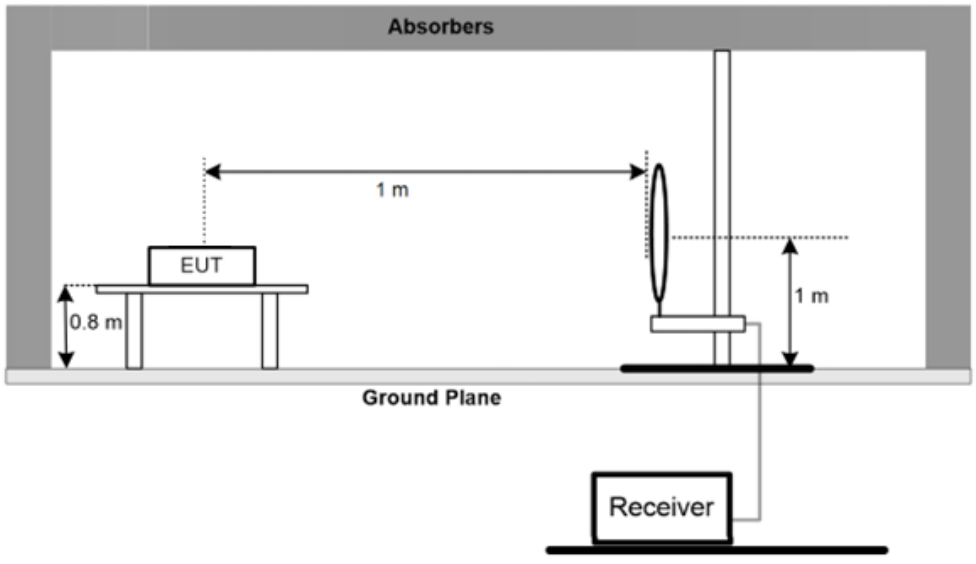
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

4.3 DEVIATION FROM TEST STANDARD

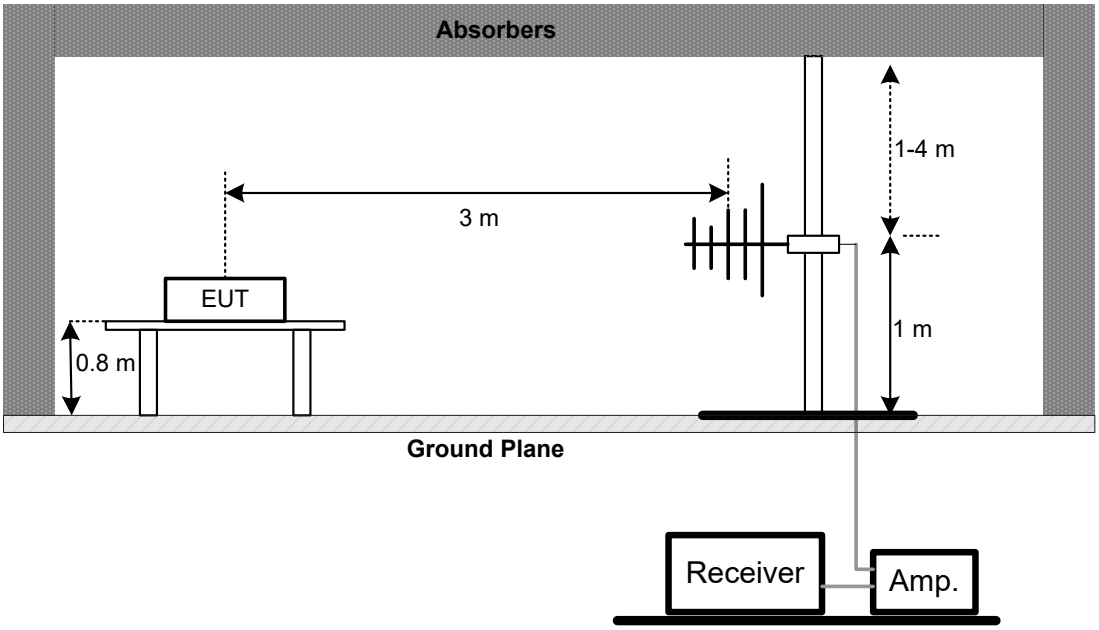
No deviation.

4.4 TEST SETUP

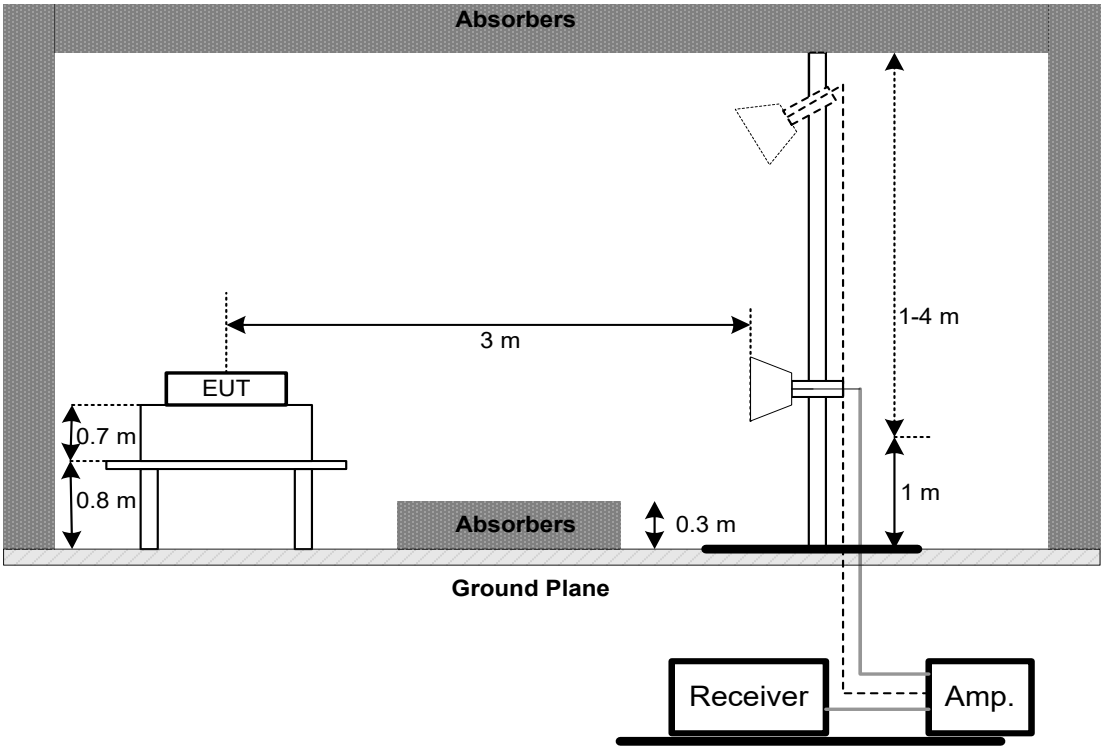
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – 9kHz TO 30 MHz

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

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

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

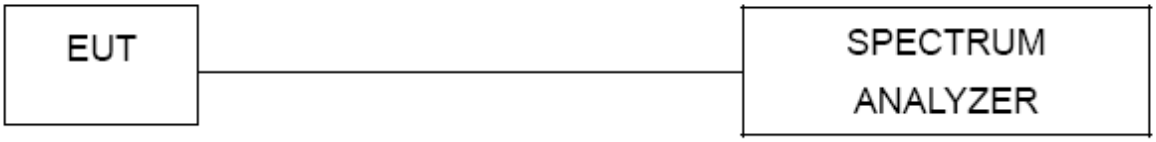
5.2 TEST PROCEDURE

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

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

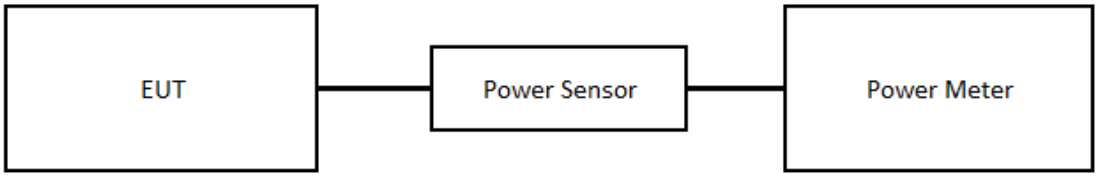
6.2 TEST PROCEDURE

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

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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

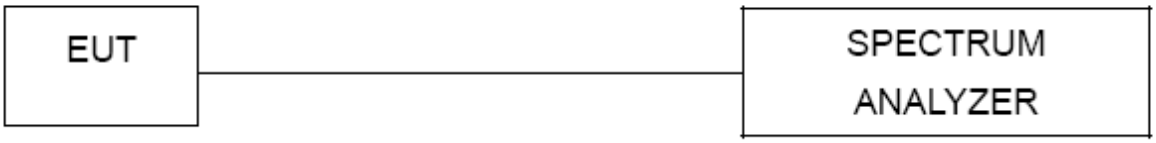
7.2 TEST PROCEDURE

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

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

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

8.2 TEST PROCEDURE

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

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP

8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX G.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Two-Line V-Network	R&S	ENV216	101051	2023/7/21	2024/7/20
2	Test Cable	EMCI	EMCRG58-BM-BM-9000	210501	2024/4/24	2024/12/10
3	EXA Spectrum Analyzer	keysight	N9038A	MY54130009	2023/6/26	2024/6/25
4	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2024/1/10	2025/1/9
2	Pre-Amplifier	EMCI	EMC051845SE	980779	2024/4/24	2024/12/10
3	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2024/4/24	2024/12/10
4	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2024/4/24	2024/12/10
5	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2024/4/24	2024/12/10
6	EXA Spectrum Analyzer	keysight	N9010A	MY56480554	2023/9/12	2024/9/11
7	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2023/12/18	2024/12/17
8	EMI Test Receiver	Keysight	N9038A	MY54130009	2023/6/26	2024/6/25
9	Pre-Amplifier	EMCI	EMC001330-20201222	980807	2024/4/24	2024/12/10
10	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2024/4/24	2024/12/10
11	Test Cable	EMCI	EMC-CFD-400-NM-NM-8000	200348	2024/4/24	2024/12/10
12	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	POWER METER	Anritsu	MA24408A	12591	2023/10/25	2024/10/24

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

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

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

10 EUT TEST PHOTO

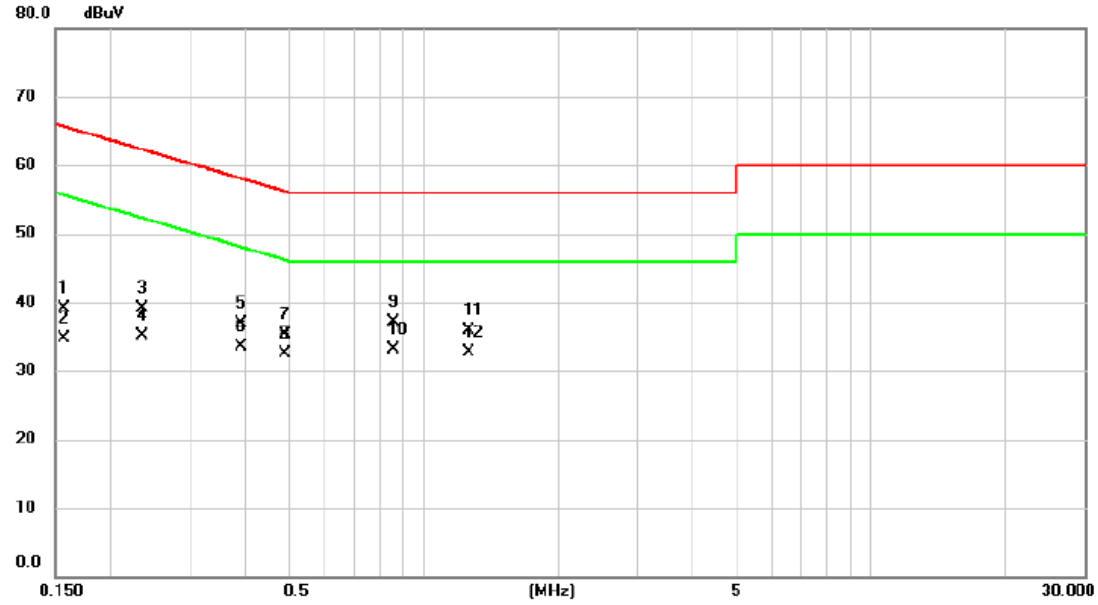
Please refer to document Appendix No.: TP-2403G002-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2403G002-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

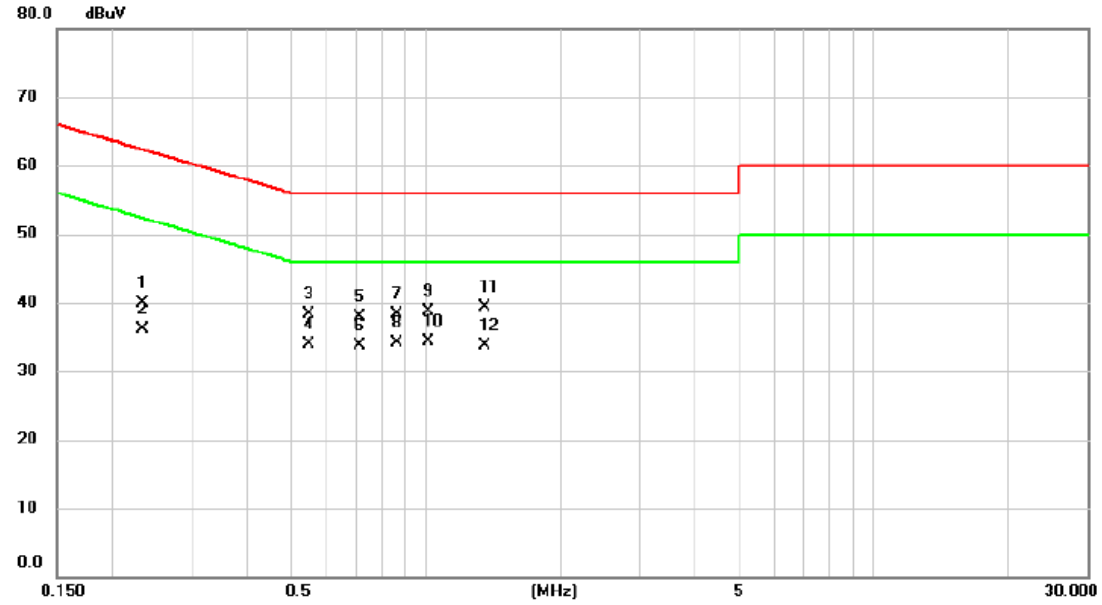
Test Mode	Normal	Tested Date	2024/5/3
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1566	29.46	9.65	39.11	65.64	-26.53	QP	
2		0.1566	25.06	9.65	34.71	55.64	-20.93	AVG	
3		0.2343	29.39	9.64	39.03	62.30	-23.27	QP	
4		0.2343	25.44	9.64	35.08	52.30	-17.22	AVG	
5		0.3908	27.27	9.65	36.92	58.05	-21.13	QP	
6		0.3908	23.76	9.65	33.41	48.05	-14.64	AVG	
7		0.4910	25.64	9.66	35.30	56.15	-20.85	QP	
8		0.4910	22.75	9.66	32.41	46.15	-13.74	AVG	
9		0.8554	27.44	9.69	37.13	56.00	-18.87	QP	
10	*	0.8554	23.43	9.69	33.12	46.00	-12.88	AVG	
11		1.2604	26.14	9.72	35.86	56.00	-20.14	QP	
12		1.2604	22.92	9.72	32.64	46.00	-13.36	AVG	

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

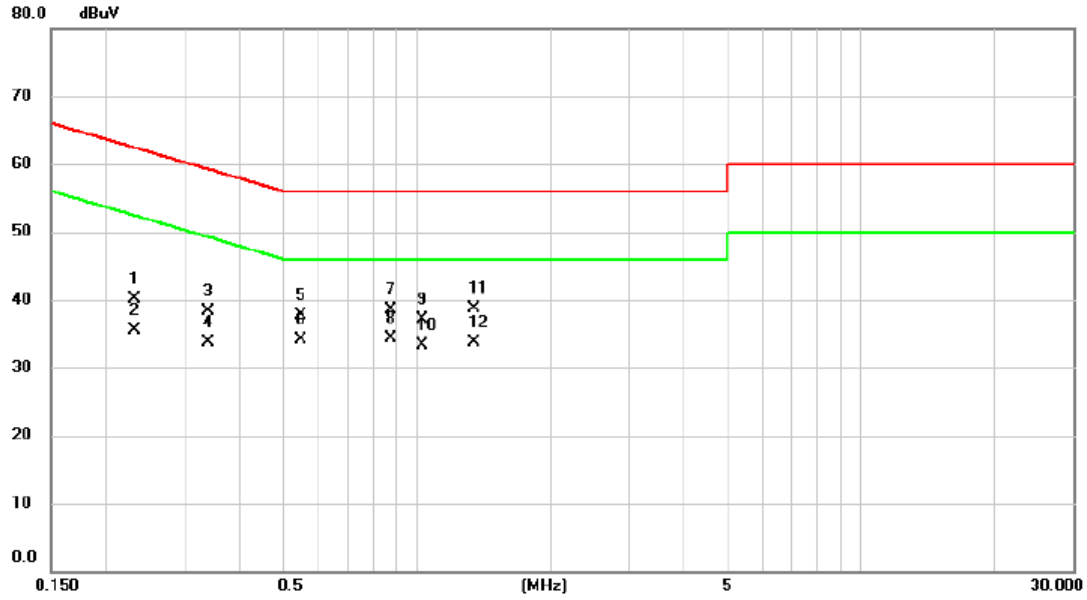
Test Mode	Normal	Tested Date	2024/5/3
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2340	30.31	9.63	39.94	62.31	-22.37	QP	
2		0.2340	26.43	9.63	36.06	52.31	-16.25	AVG	
3		0.5494	28.58	9.64	38.22	56.00	-17.78	QP	
4		0.5494	24.29	9.64	33.93	46.00	-12.07	AVG	
5		0.7114	28.29	9.67	37.96	56.00	-18.04	QP	
6		0.7114	24.02	9.67	33.69	46.00	-12.31	AVG	
7		0.8600	28.59	9.68	38.27	56.00	-17.73	QP	
8		0.8600	24.40	9.68	34.08	46.00	-11.92	AVG	
9		1.0174	29.07	9.69	38.76	56.00	-17.24	QP	
10	*	1.0174	24.64	9.69	34.33	46.00	-11.67	AVG	
11		1.3504	29.52	9.72	39.24	56.00	-16.76	QP	
12		1.3504	23.98	9.72	33.70	46.00	-12.30	AVG	

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

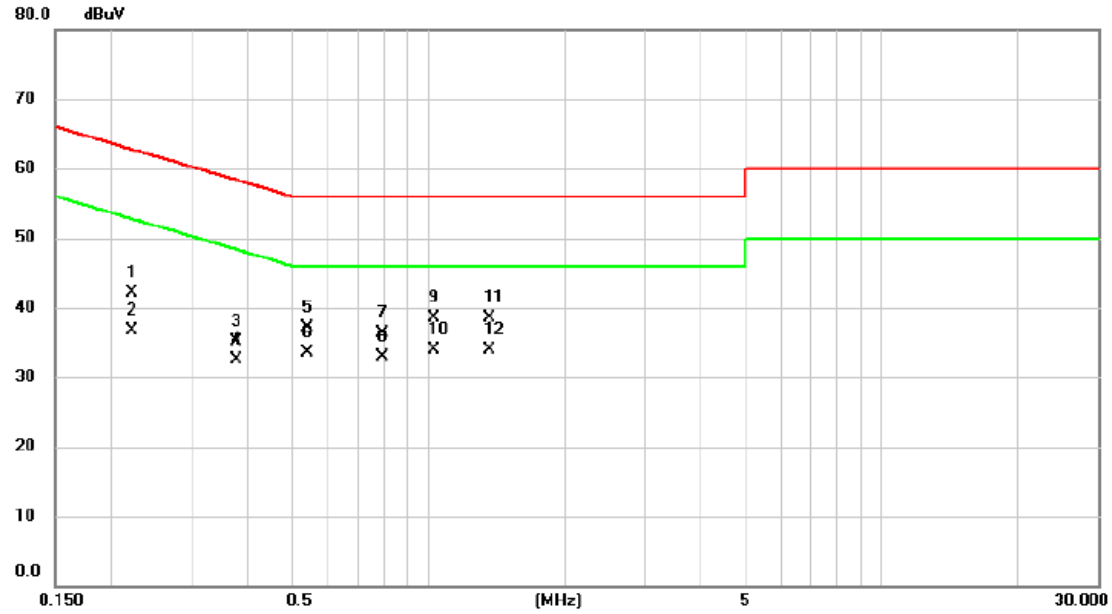
Test Mode	Idle	Tested Date	2024/5/3
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2315	30.48	9.64	40.12	62.40	-22.28	QP	
2		0.2315	25.92	9.64	35.56	52.40	-16.84	AVG	
3		0.3400	28.56	9.65	38.21	59.20	-20.99	QP	
4		0.3400	24.07	9.65	33.72	49.20	-15.48	AVG	
5		0.5494	28.00	9.66	37.66	56.00	-18.34	QP	
6		0.5494	24.46	9.66	34.12	46.00	-11.88	AVG	
7		0.8734	28.86	9.69	38.55	56.00	-17.45	QP	
8	*	0.8734	24.56	9.69	34.25	46.00	-11.75	AVG	
9		1.0310	27.42	9.70	37.12	56.00	-18.88	QP	
10		1.0310	23.59	9.70	33.29	46.00	-12.71	AVG	
11		1.3414	29.04	9.73	38.77	56.00	-17.23	QP	
12		1.3414	23.97	9.73	33.70	46.00	-12.30	AVG	

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

Test Mode	Idle	Tested Date	2024/5/3
Test Frequency	-	Phase	Neutral

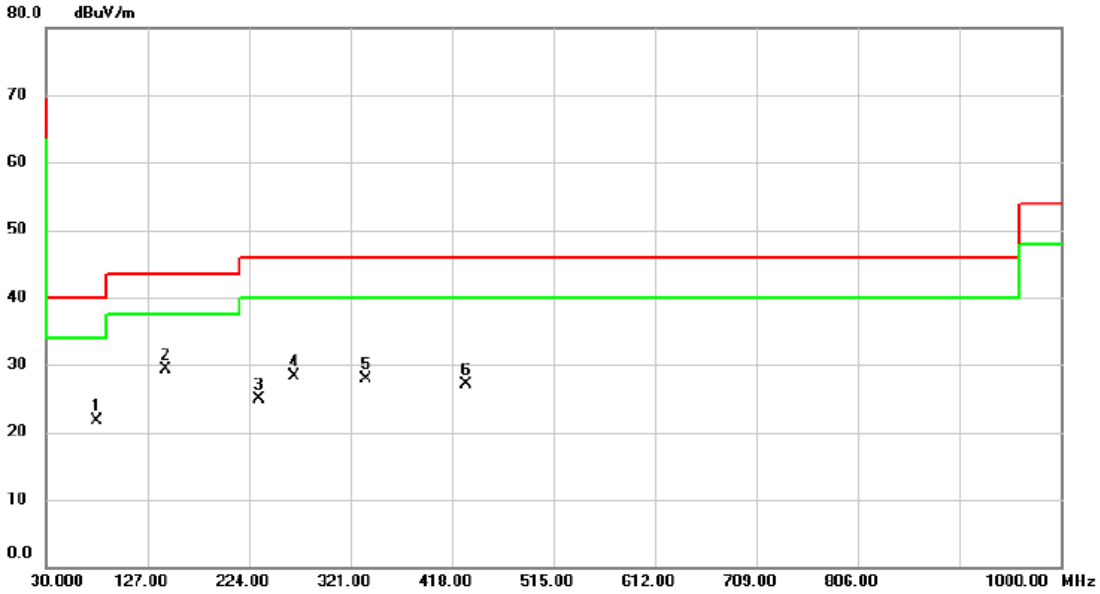


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2224	32.44	9.63	42.07	62.73	-20.66	QP	
2		0.2224	27.08	9.63	36.71	52.73	-16.02	AVG	
3		0.3772	25.57	9.63	35.20	58.34	-23.14	QP	
4		0.3772	22.94	9.63	32.57	48.34	-15.77	AVG	
5		0.5404	27.48	9.64	37.12	56.00	-18.88	QP	
6		0.5404	23.81	9.64	33.45	46.00	-12.55	AVG	
7		0.7925	26.64	9.67	36.31	56.00	-19.69	QP	
8		0.7925	23.15	9.67	32.82	46.00	-13.18	AVG	
9		1.0265	28.78	9.69	38.47	56.00	-17.53	QP	
10		1.0265	24.18	9.69	33.87	46.00	-12.13	AVG	
11		1.3595	28.82	9.72	38.54	56.00	-17.46	QP	
12	*	1.3595	24.18	9.72	33.90	46.00	-12.10	AVG	

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

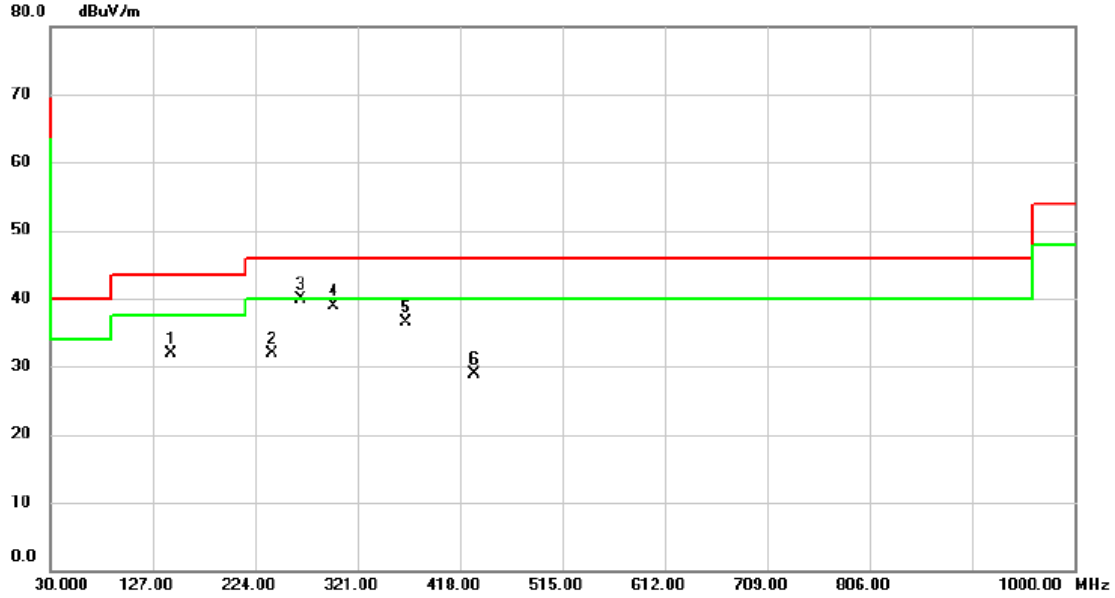
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/29
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		78.5000	37.54	-15.78	21.76	40.00	-18.24	peak	200	161	
2	*	144.4600	40.98	-11.59	29.39	43.50	-14.11	peak	100	163	
3		233.7000	38.13	-13.22	24.91	46.00	-21.09	peak	200	343	
4		266.6800	39.67	-11.42	28.25	46.00	-17.75	peak			
5		335.5500	37.13	-9.30	27.83	46.00	-18.17	peak	200	200	
6		431.5800	33.69	-6.54	27.15	46.00	-18.85	peak	200	250	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/29
Test Frequency	2437MHz	Polarization	Horizontal

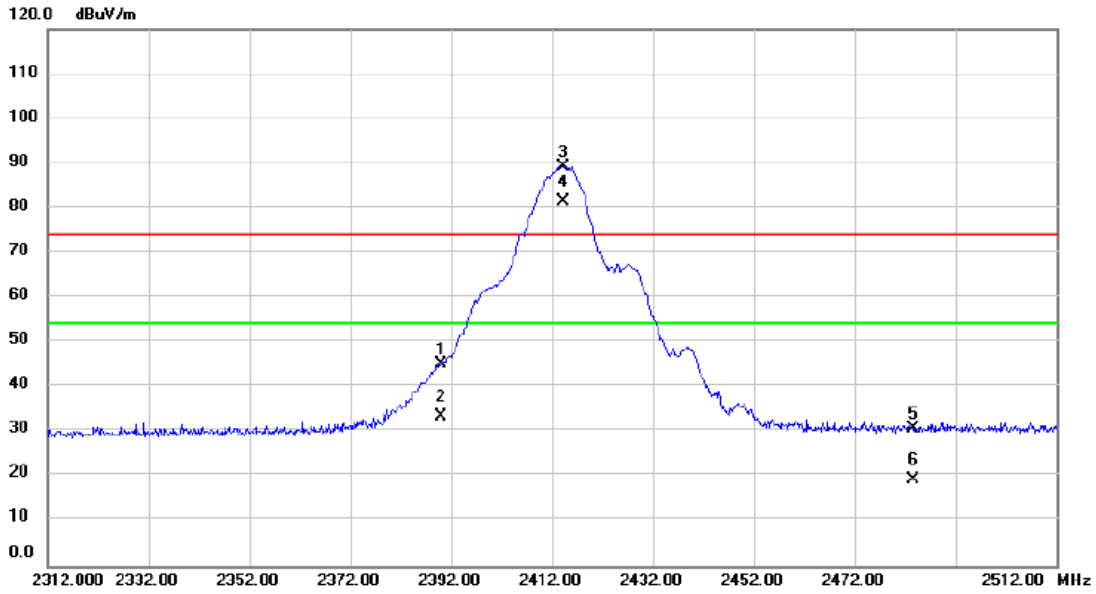


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		144.4600	43.52	-11.59	31.93	43.50	-11.57	peak	200	234	
2		240.4900	44.12	-12.25	31.87	46.00	-14.13	peak	100	191	
3	*	266.6800	51.33	-11.42	39.91	46.00	-6.09	peak	100	254	
4		298.6900	49.23	-10.26	38.97	46.00	-7.03	peak	100	254	
5		366.5900	44.90	-8.44	36.46	46.00	-9.54	peak	100	299	
6		431.5800	35.54	-6.54	29.00	46.00	-17.00	peak			

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

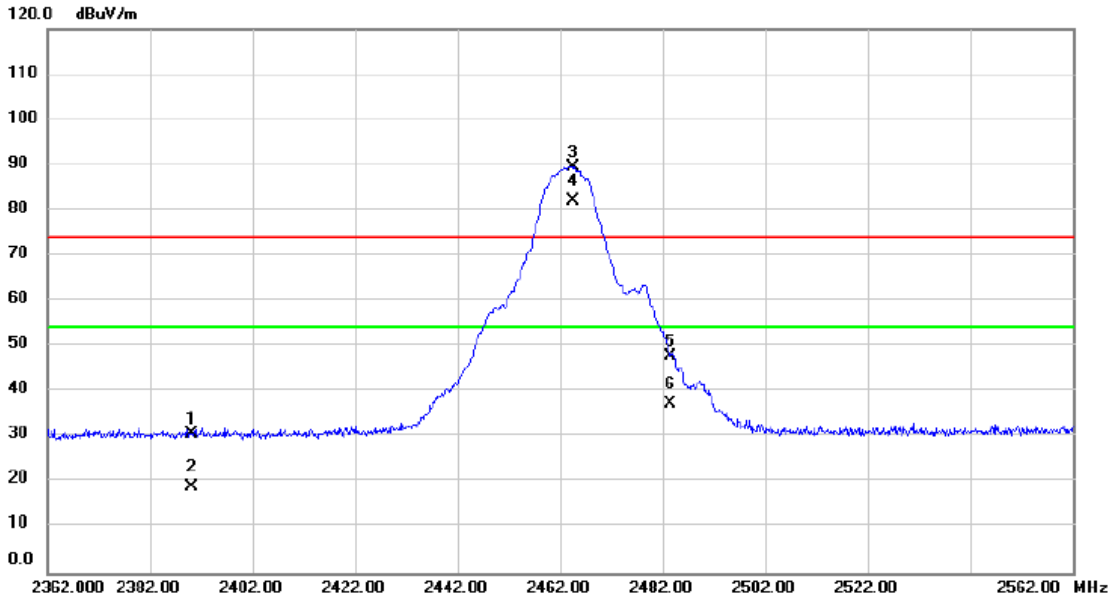
Test Mode	IEEE 802.11b	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	51.34	-6.12	45.22	74.00	-28.78	peak			
2		2390.000	39.61	-6.12	33.49	54.00	-20.51	AVG			
3	X	2414.200	95.26	-6.06	89.20	74.00	15.20	peak			No Limit
4	*	2414.200	87.66	-6.06	81.60	54.00	27.60	AVG			No Limit
5		2483.500	36.55	-5.92	30.63	74.00	-43.37	peak			
6		2483.500	25.22	-5.92	19.30	54.00	-34.70	AVG			

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

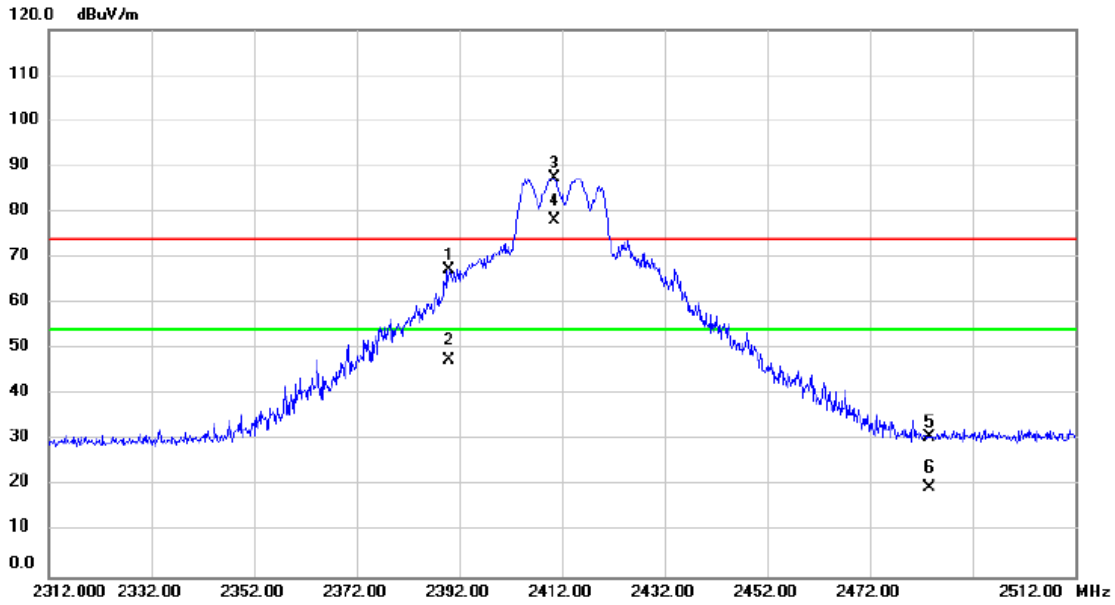
Test Mode	IEEE 802.11b	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	36.87	-6.12	30.75	74.00	-43.25	peak			
2		2390.000	25.07	-6.12	18.95	54.00	-35.05	AVG			
3	X	2464.600	95.48	-5.95	89.53	74.00	15.53	peak			No Limit
4	*	2464.600	87.98	-5.95	82.03	54.00	28.03	AVG			No Limit
5		2483.500	53.87	-5.92	47.95	74.00	-26.05	peak			
6		2483.500	43.16	-5.92	37.24	54.00	-16.76	AVG			

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

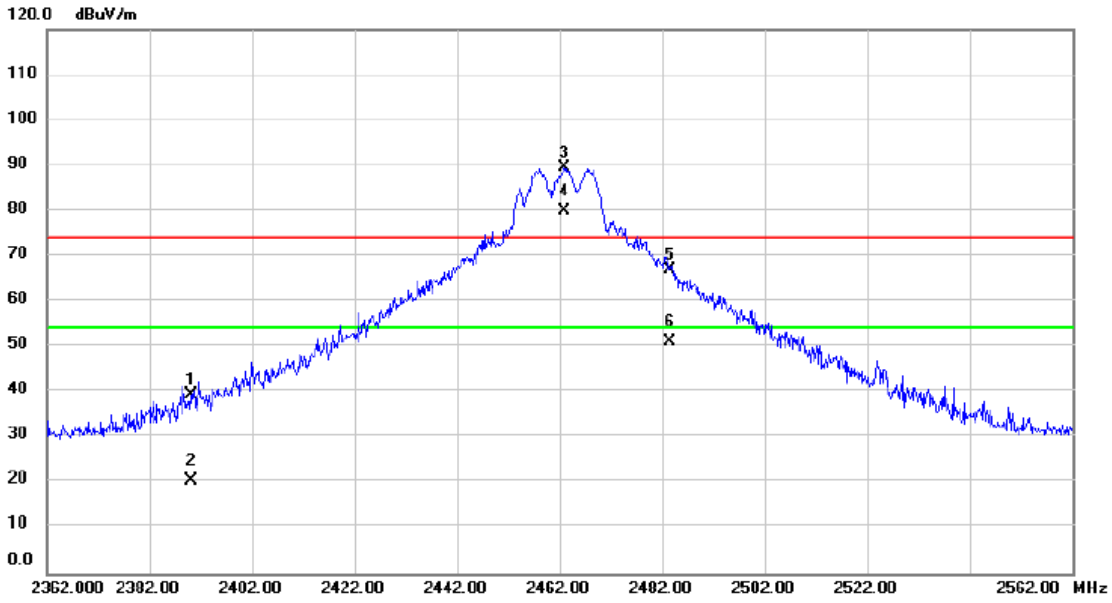
Test Mode	IEEE 802.11g	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	73.55	-6.12	67.43	74.00	-6.57	peak			
2		2390.000	53.67	-6.12	47.55	54.00	-6.45	AVG			
3	X	2410.600	93.57	-6.08	87.49	74.00	13.49	peak			No Limit
4	*	2410.600	84.09	-6.08	78.01	54.00	24.01	AVG			No Limit
5		2483.500	36.59	-5.92	30.67	74.00	-43.33	peak			
6		2483.500	25.54	-5.92	19.62	54.00	-34.38	AVG			

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

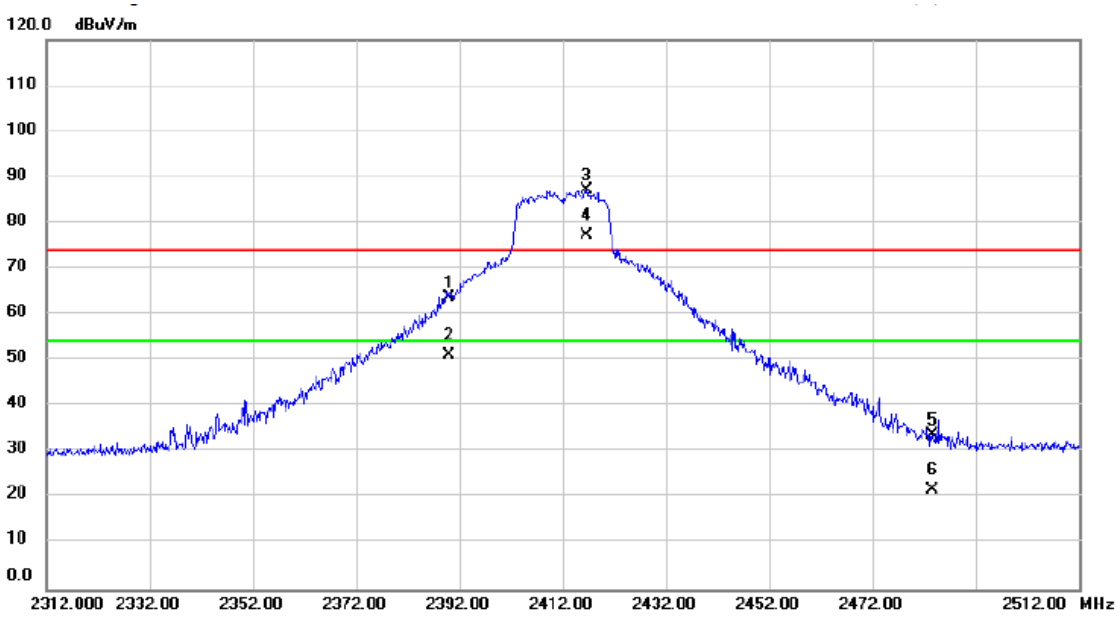
Test Mode	IEEE 802.11g	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	45.54	-6.12	39.42	74.00	-34.58	peak			
2		2390.000	26.80	-6.12	20.68	54.00	-33.32	AVG			
3	X	2462.800	95.39	-5.96	89.43	74.00	15.43	peak			No Limit
4	*	2462.800	86.02	-5.96	80.06	54.00	26.06	AVG			No Limit
5		2483.500	72.82	-5.92	66.90	74.00	-7.10	peak			
6		2483.500	57.19	-5.92	51.27	54.00	-2.73	AVG			

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

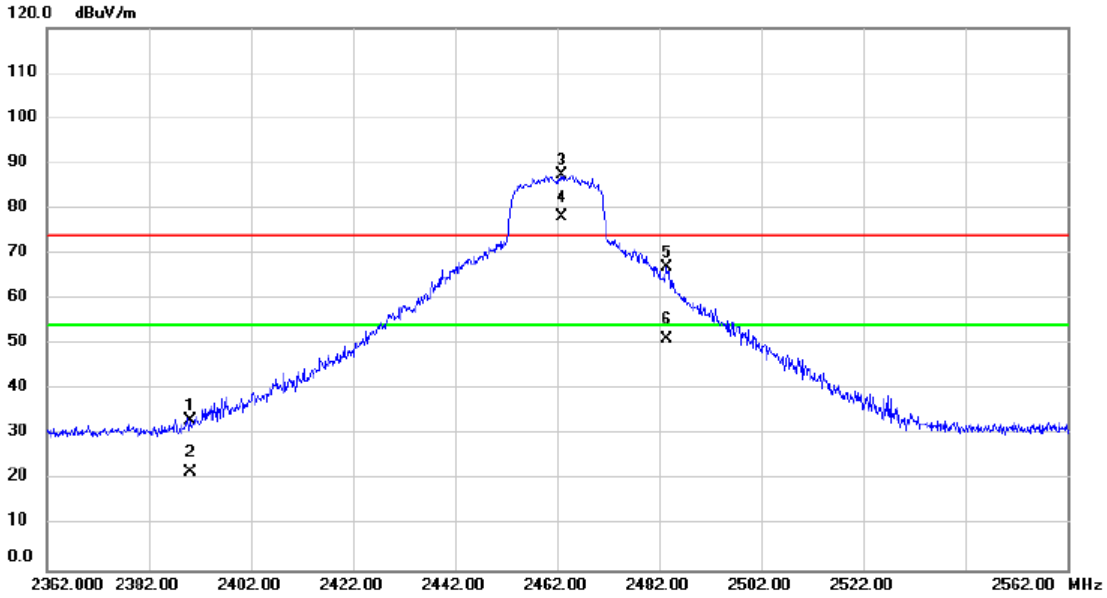
Test Mode	IEEE 802.11n (HT 20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	69.95	-6.12	63.83	74.00	-10.17	peak			
2		2390.000	57.27	-6.12	51.15	54.00	-2.85	AVG			
3	X	2416.600	93.16	-6.06	87.10	74.00	13.10	peak			No Limit
4	*	2416.600	83.29	-6.06	77.23	54.00	23.23	AVG			No Limit
5		2483.500	39.66	-5.92	33.74	74.00	-40.26	peak			
6		2483.500	27.59	-5.92	21.67	54.00	-32.33	AVG			

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

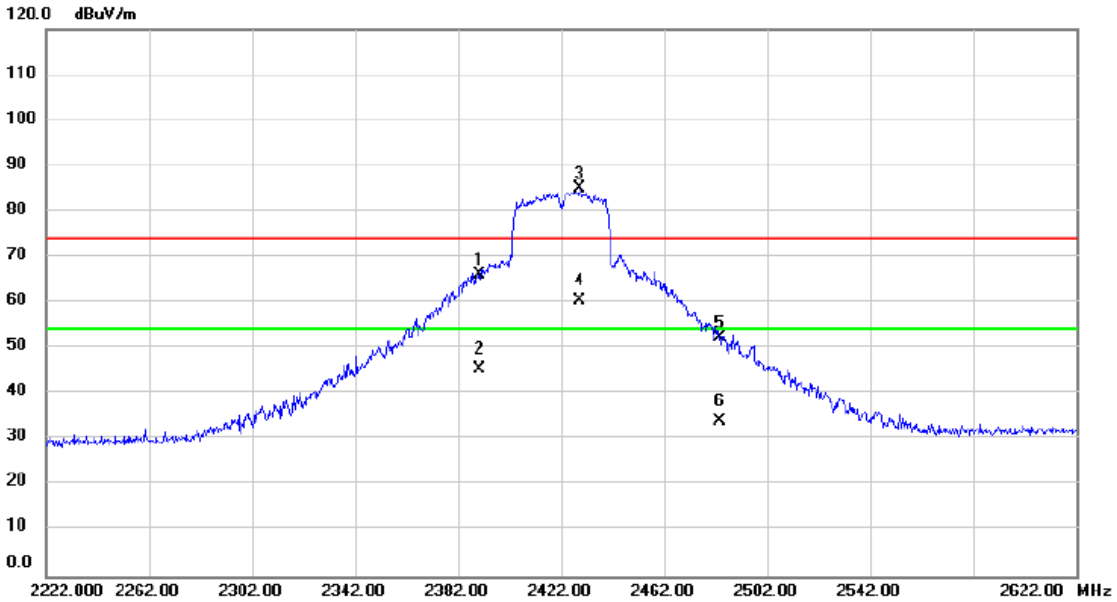
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	39.40	-6.12	33.28	74.00	-40.72	peak			
2		2390.000	27.75	-6.12	21.63	54.00	-32.37	AVG			
3	X	2462.800	93.46	-5.96	87.50	74.00	13.50	peak			No Limit
4	*	2462.800	84.13	-5.96	78.17	54.00	24.17	AVG			No Limit
5		2483.500	72.94	-5.92	67.02	74.00	-6.98	peak			
6		2483.500	57.03	-5.92	51.11	54.00	-2.89	AVG			

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

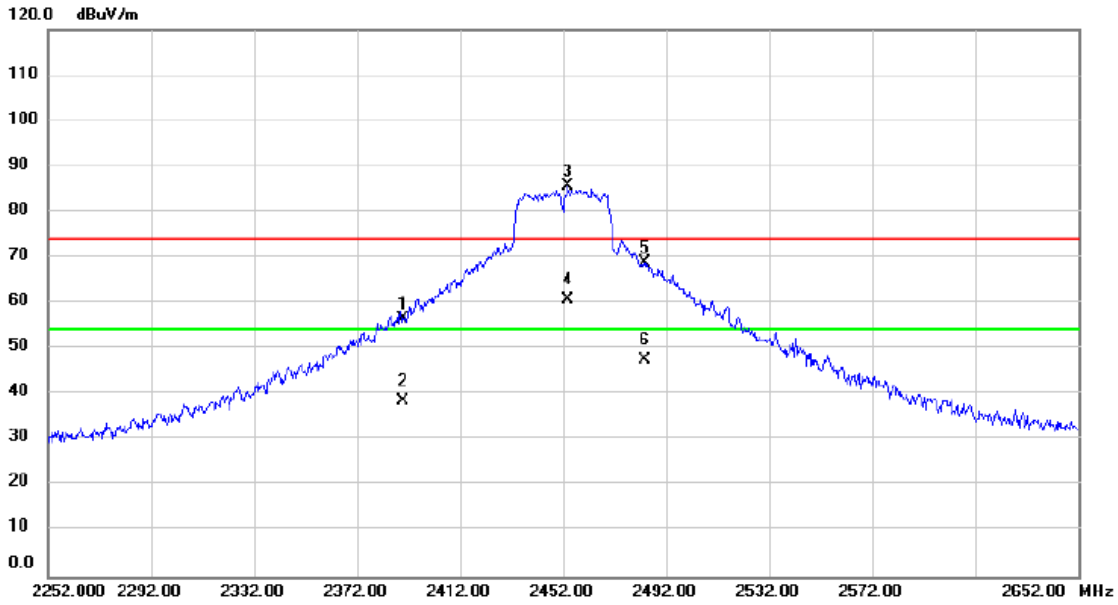
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/24
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	72.20	-6.12	66.08	74.00	-7.92	peak			
2		2390.000	51.71	-6.12	45.59	54.00	-8.41	AVG			
3	*	2429.200	91.02	-6.03	84.99	74.00	10.99	peak			No Limit
4	X	2429.200	66.36	-6.03	60.33	54.00	6.33	AVG			No Limit
5		2483.500	58.24	-5.92	52.32	74.00	-21.68	peak			
6		2483.500	40.11	-5.92	34.19	54.00	-19.81	AVG			

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

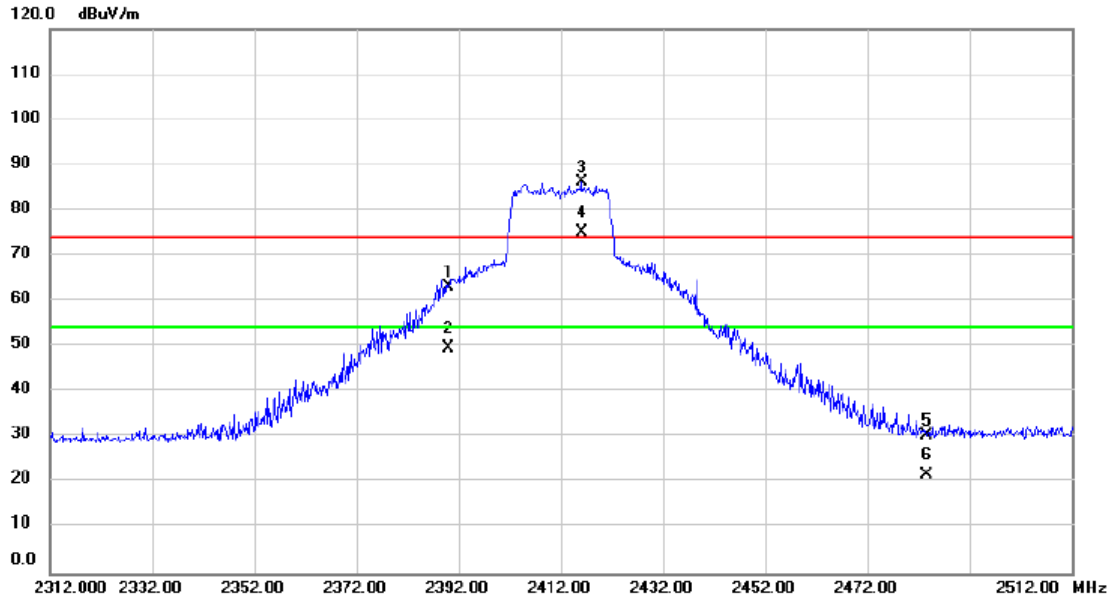
Test Mode	IEEE 802.11n (HT 40)	Test Date	2024/4/24
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	62.56	-6.12	56.44	74.00	-17.56	peak			
2		2390.000	44.59	-6.12	38.47	54.00	-15.53	AVG			
3	*	2454.000	91.74	-5.98	85.76	74.00	11.76	peak			No Limit
4	X	2454.000	66.72	-5.98	60.74	54.00	6.74	AVG			No Limit
5		2483.500	74.62	-5.92	68.70	74.00	-5.30	peak			
6		2483.500	53.61	-5.92	47.69	54.00	-6.31	AVG			

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

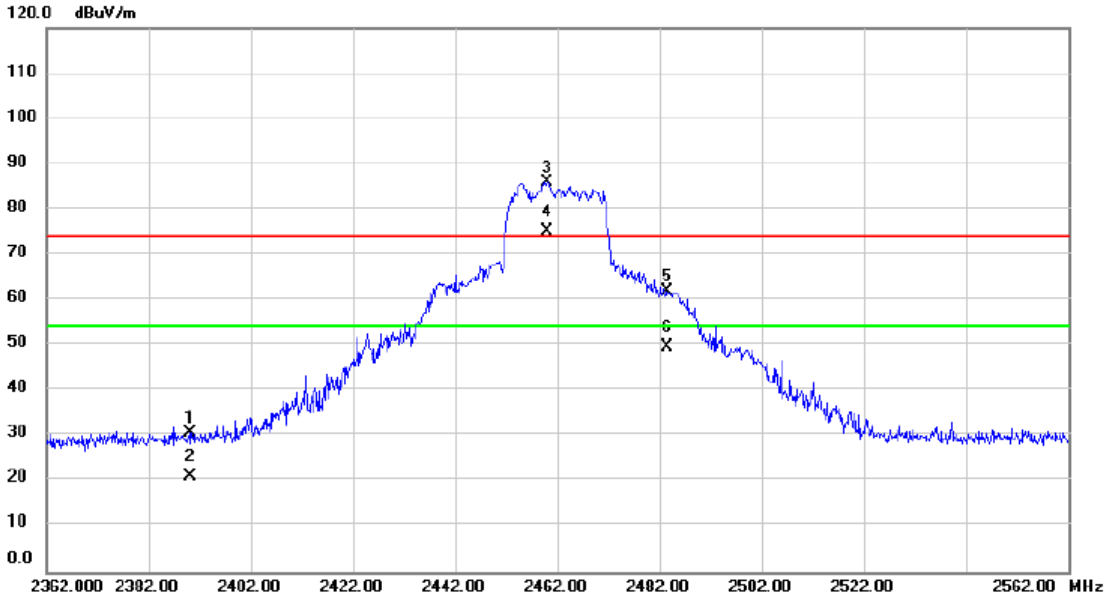
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	69.26	-6.12	63.14	74.00	-10.86	peak			
2		2390.000	55.92	-6.12	49.80	54.00	-4.20	AVG			
3	X	2416.000	92.34	-6.06	86.28	74.00	12.28	peak			No Limit
4	*	2416.000	81.27	-6.06	75.21	54.00	21.21	AVG			No Limit
5		2483.500	36.43	-5.92	30.51	74.00	-43.49	peak			
6		2483.500	27.62	-5.92	21.70	54.00	-32.30	AVG			

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

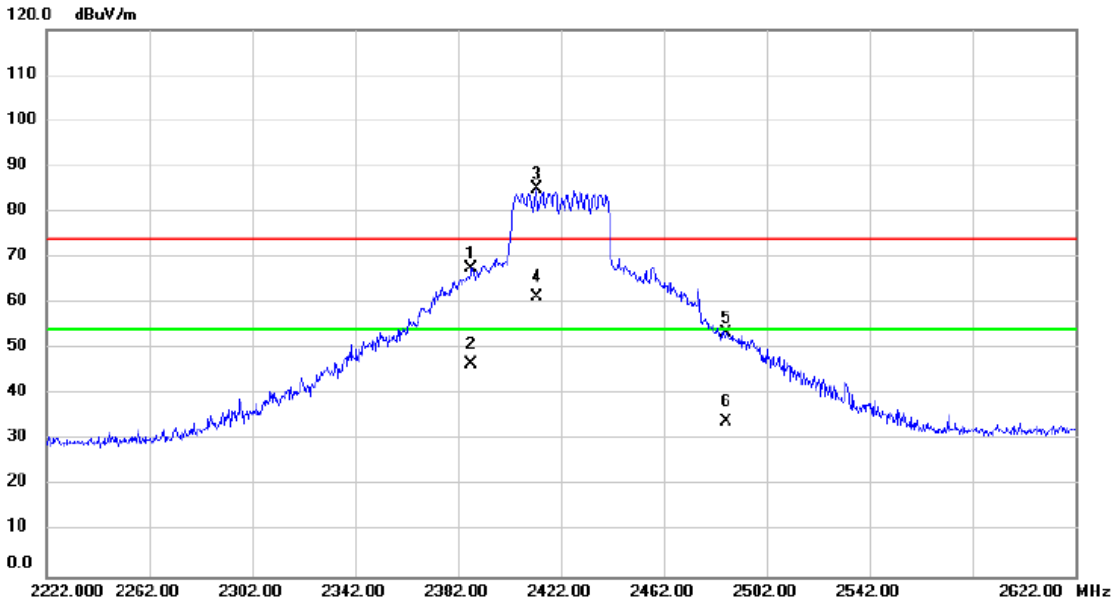
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2390.000	37.02	-6.12	30.90	74.00	-43.10	peak			
2		2390.000	27.40	-6.12	21.28	54.00	-32.72	AVG			
3	X	2460.000	91.95	-5.97	85.98	74.00	11.98	peak			No Limit
4	*	2460.000	81.25	-5.97	75.28	54.00	21.28	AVG			No Limit
5		2483.500	68.00	-5.92	62.08	74.00	-11.92	peak			
6		2483.500	55.60	-5.92	49.68	54.00	-4.32	AVG			

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

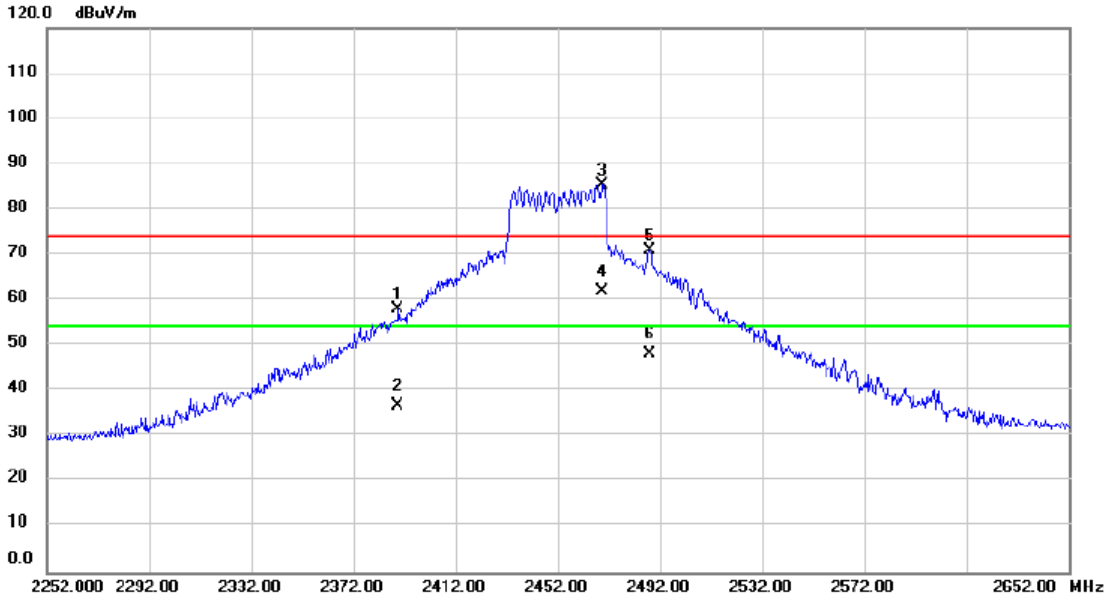
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/24
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2387.200	73.69	-6.13	67.56	74.00	-6.44	peak			
2		2387.200	52.71	-6.13	46.58	54.00	-7.42	AVG			
3	*	2412.400	91.07	-6.07	85.00	74.00	11.00	peak			No Limit
4	X	2412.400	67.30	-6.07	61.23	54.00	7.23	AVG			No Limit
5		2486.400	59.41	-5.91	53.50	74.00	-20.50	peak			
6		2486.400	39.85	-5.91	33.94	54.00	-20.06	AVG			

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

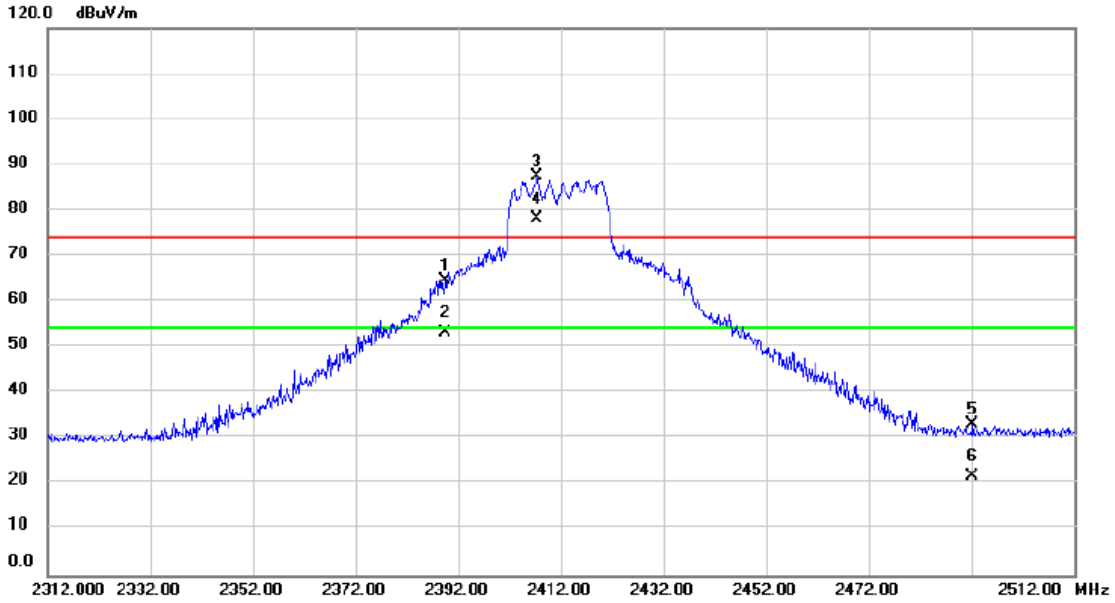
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/24
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2389.600	64.07	-6.12	57.95	74.00	-16.05	peak			
2		2389.600	42.95	-6.12	36.83	54.00	-17.17	AVG			
3	*	2469.600	91.45	-5.95	85.50	74.00	11.50	peak			No Limit
4	X	2469.600	67.76	-5.95	61.81	54.00	7.81	AVG			No Limit
5		2488.000	76.95	-5.90	71.05	74.00	-2.95	peak			
6		2488.000	54.07	-5.90	48.17	54.00	-5.83	AVG			

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

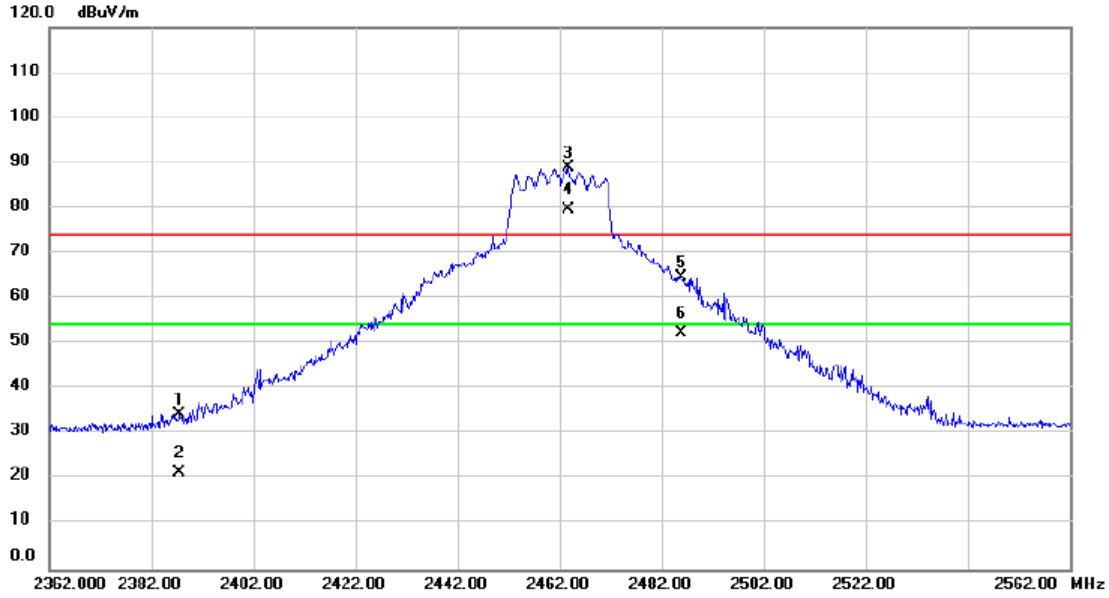
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2389.600	70.89	-6.12	64.77	74.00	-9.23	peak			
2		2389.600	59.26	-6.12	53.14	54.00	-0.86	AVG			
3	X	2407.400	93.50	-6.08	87.42	74.00	13.42	peak			No Limit
4	*	2407.400	84.33	-6.08	78.25	54.00	24.25	AVG			No Limit
5		2492.200	39.19	-5.90	33.29	74.00	-40.71	peak			
6		2492.200	27.58	-5.90	21.68	54.00	-32.32	AVG			

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

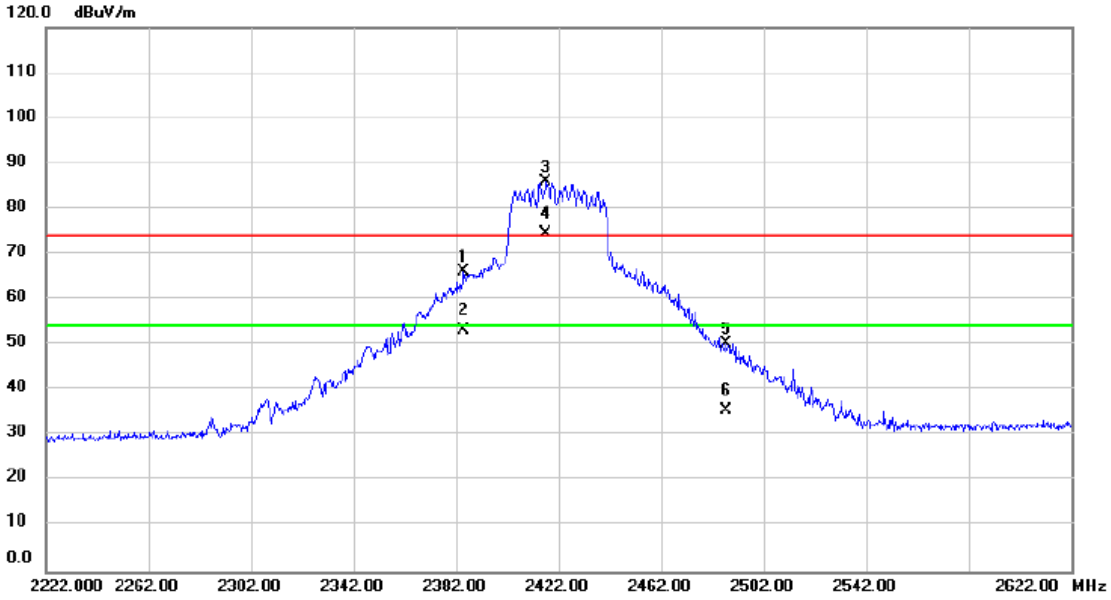
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/1/31
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2387.600	40.53	-6.12	34.41	74.00	-39.59	peak			
2		2387.600	27.58	-6.12	21.46	54.00	-32.54	AVG			
3	X	2463.800	94.79	-5.95	88.84	74.00	14.84	peak			No Limit
4	*	2463.800	85.54	-5.95	79.59	54.00	25.59	AVG			No Limit
5		2485.800	70.51	-5.91	64.60	74.00	-9.40	peak			
6		2485.800	58.34	-5.91	52.43	54.00	-1.57	AVG			

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

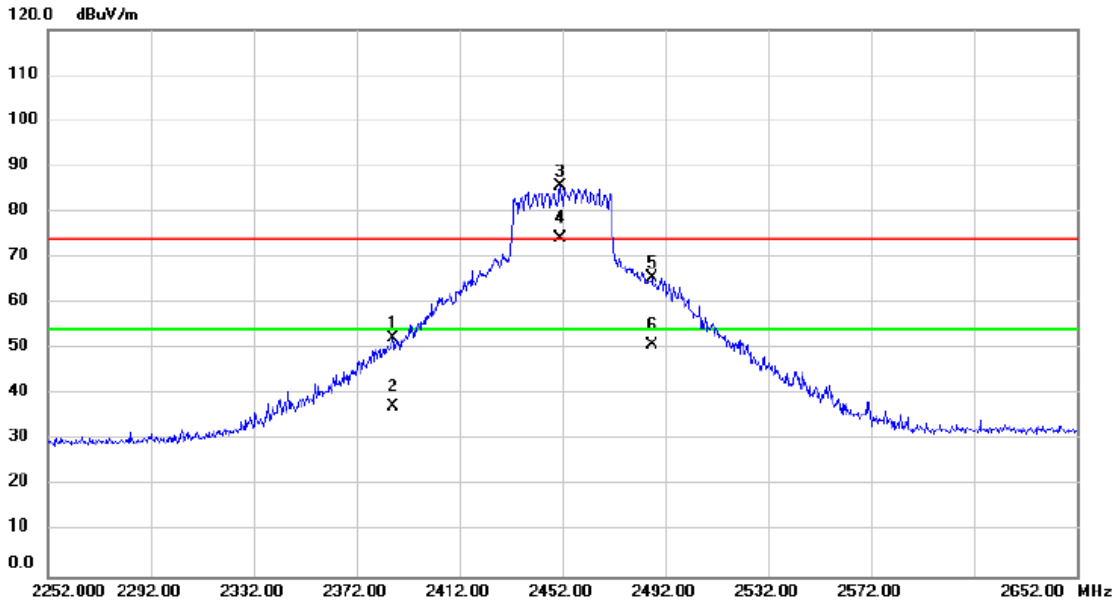
Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/1/31
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2385.200	72.14	-6.13	66.01	74.00	-7.99	peak			
2		2385.200	59.44	-6.13	53.31	54.00	-0.69	AVG			
3	X	2417.200	92.13	-6.06	86.07	74.00	12.07	peak			No Limit
4	*	2417.200	80.72	-6.06	74.66	54.00	20.66	AVG			No Limit
5		2487.600	56.10	-5.90	50.20	74.00	-23.80	peak			
6		2487.600	41.51	-5.90	35.61	54.00	-18.39	AVG			

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

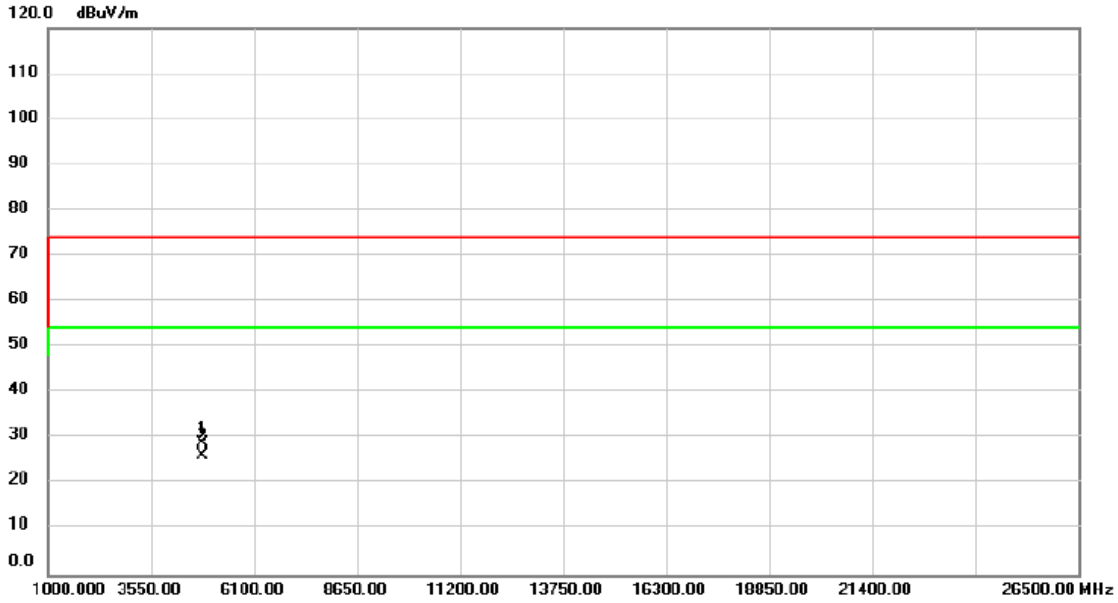
Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/1/31
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2386.000	58.33	-6.13	52.20	74.00	-21.80	peak			
2		2386.000	43.55	-6.13	37.42	54.00	-16.58	AVG			
3	X	2451.200	91.56	-5.99	85.57	74.00	11.57	peak			No Limit
4	*	2451.200	80.24	-5.99	74.25	54.00	20.25	AVG			No Limit
5		2486.800	71.44	-5.91	65.53	74.00	-8.47	peak			
6		2486.800	56.71	-5.91	50.80	54.00	-3.20	AVG			

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

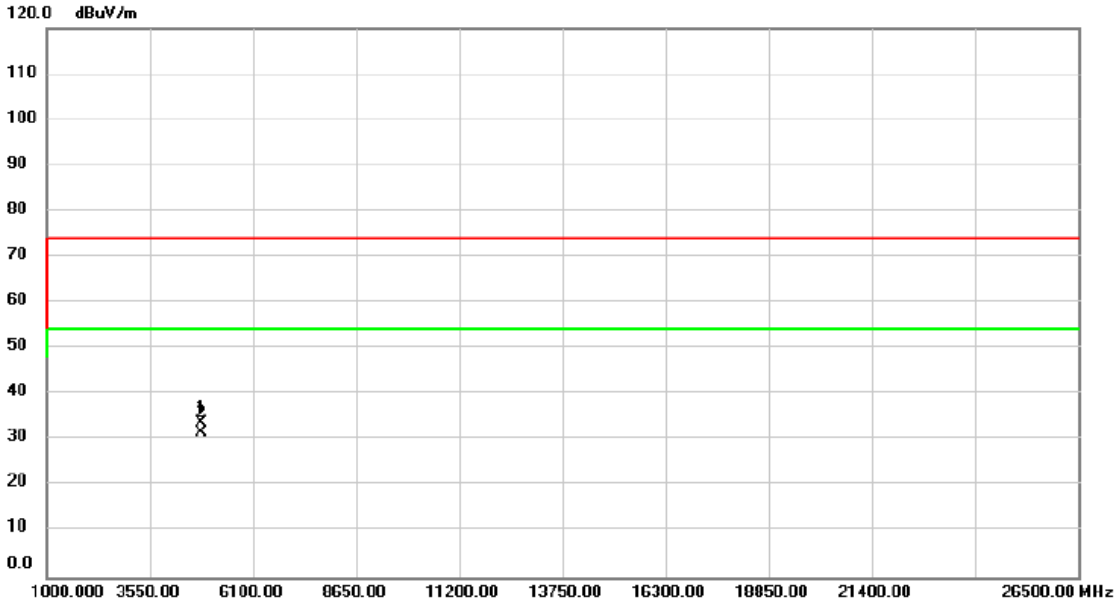
Test Mode	IEEE 802.11b	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	37.45	-8.57	28.88	74.00	-45.12	peak			
2	*	4824.000	34.76	-8.57	26.19	54.00	-27.81	AVG			

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

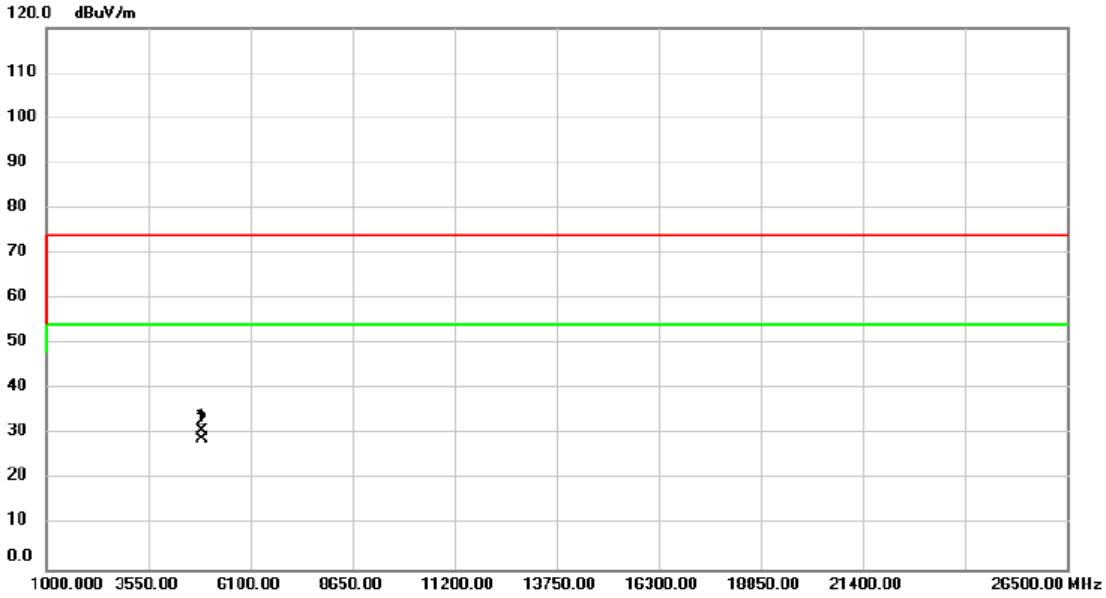
Test Mode	IEEE 802.11b	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	42.24	-8.57	33.67	74.00	-40.33	peak			
2	*	4824.000	40.36	-8.57	31.79	54.00	-22.21	AVG			

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

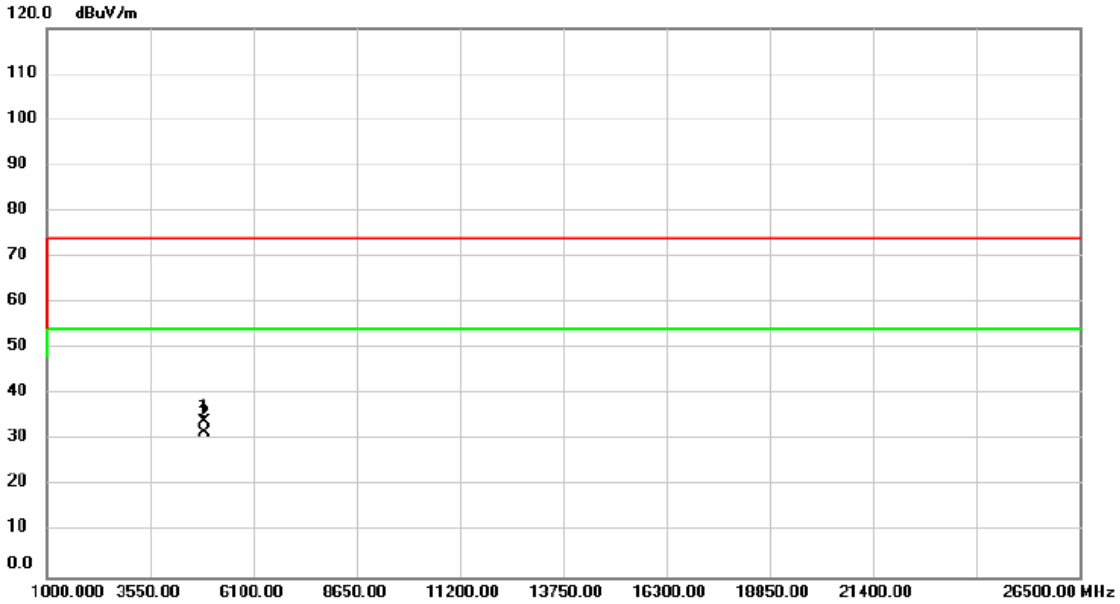
Test Mode	IEEE 802.11b	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4876.000	39.07	-8.43	30.64	74.00	-43.36	peak			
2	*	4876.000	37.51	-8.43	29.08	54.00	-24.92	AVG			

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

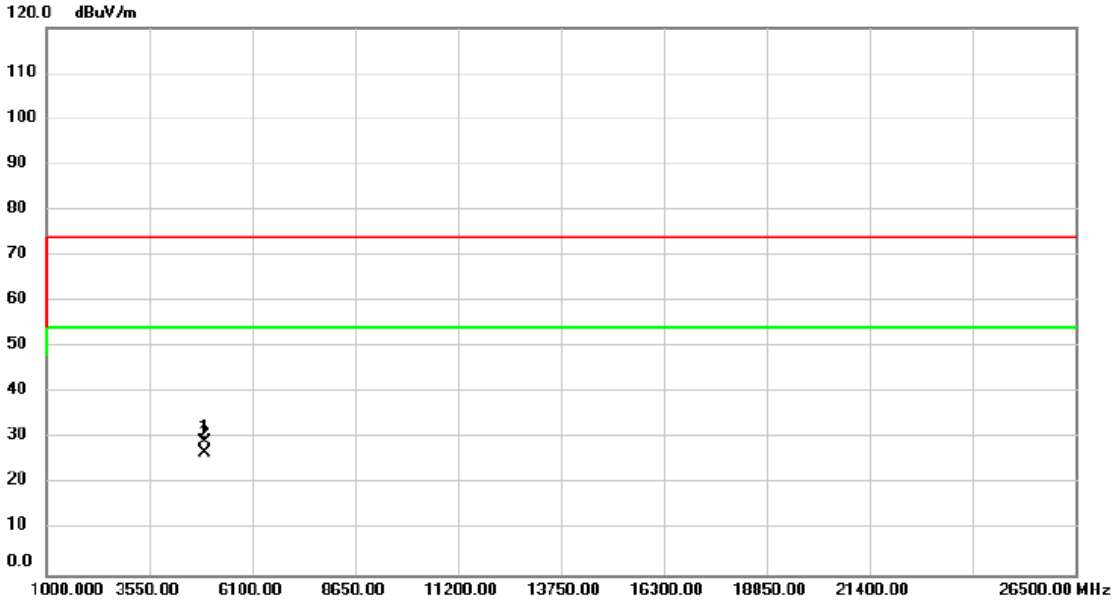
Test Mode	IEEE 802.11b	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4876.000	42.39	-8.43	33.96	74.00	-40.04	peak			
2	*	4876.000	40.08	-8.43	31.65	54.00	-22.35	AVG			

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

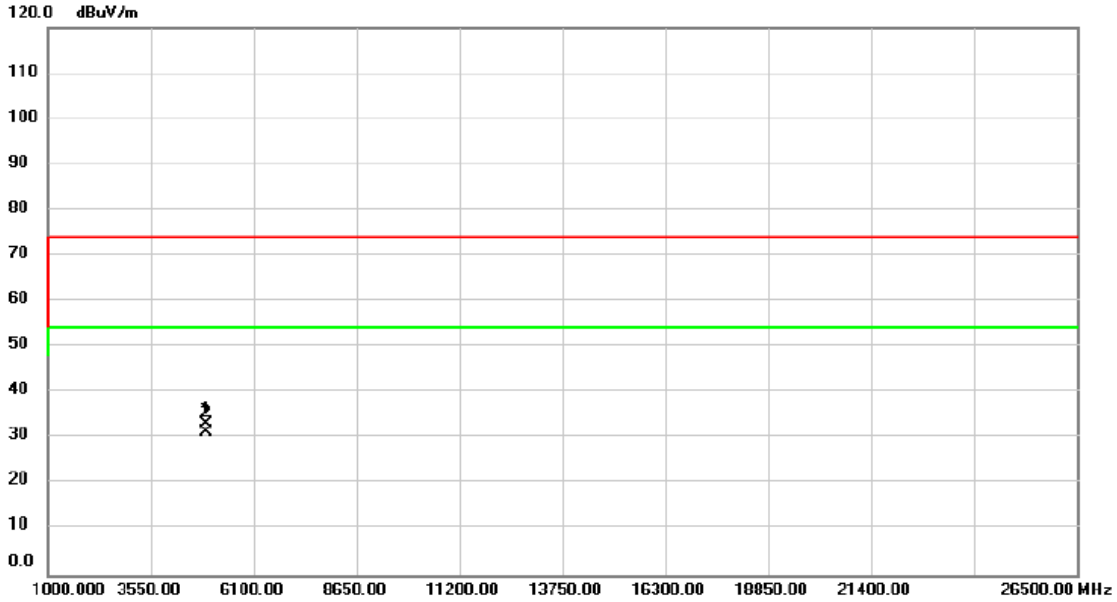
Test Mode	IEEE 802.11b	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4927.000	37.53	-8.31	29.22	74.00	-44.78	peak			
2	*	4927.000	35.04	-8.31	26.73	54.00	-27.27	AVG			

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

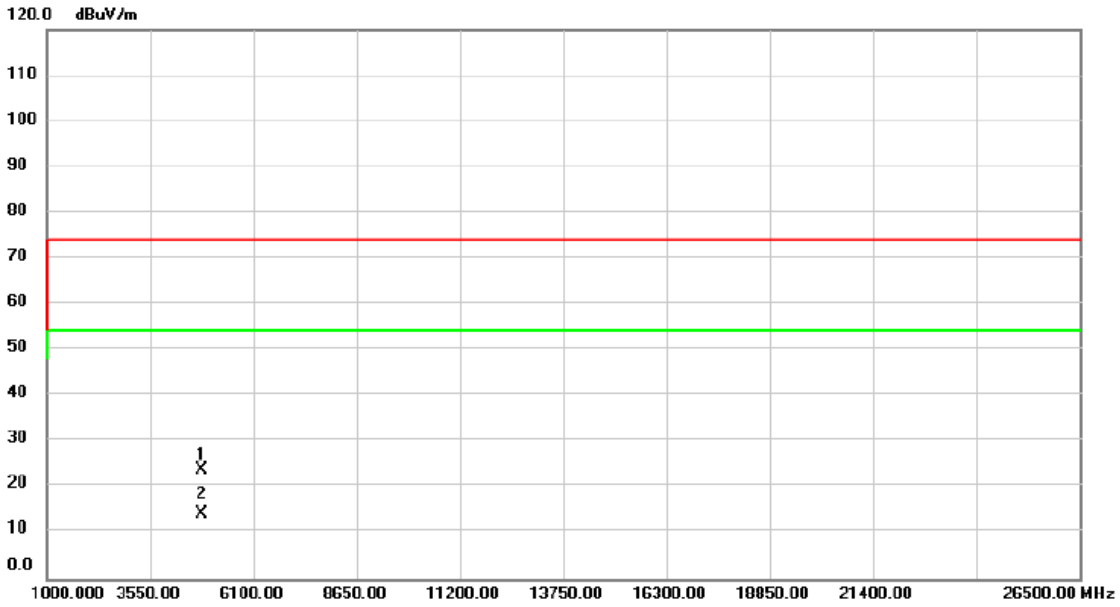
Test Mode	IEEE 802.11b	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4927.000	41.34	-8.31	33.03	74.00	-40.97	peak			
2	*	4927.000	39.64	-8.31	31.33	54.00	-22.67	AVG			

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

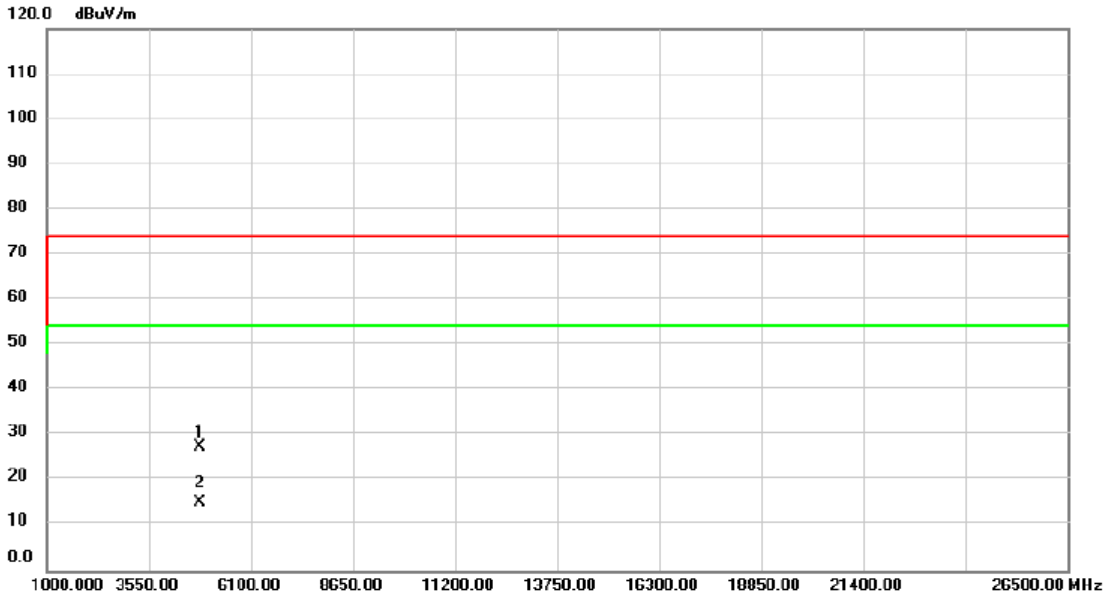
Test Mode	IEEE 802.11g	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	32.53	-8.57	23.96	74.00	-50.04	peak			
2	*	4824.000	22.80	-8.57	14.23	54.00	-39.77	AVG			

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

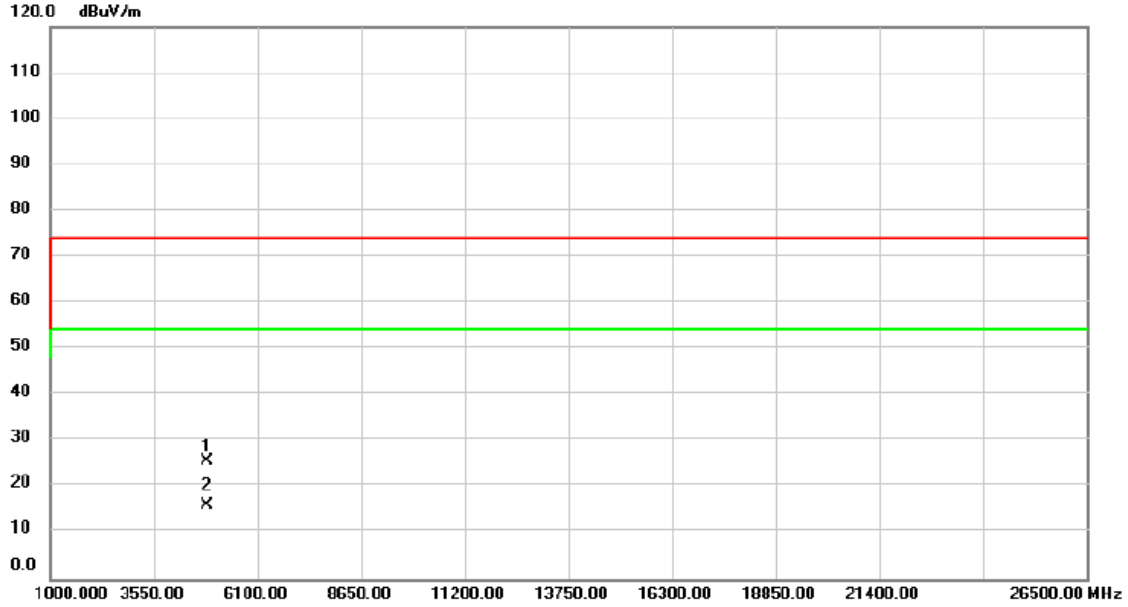
Test Mode	IEEE 802.11g	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	36.14	-8.57	27.57	74.00	-46.43	peak			
2	*	4824.000	23.69	-8.57	15.12	54.00	-38.88	AVG			

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

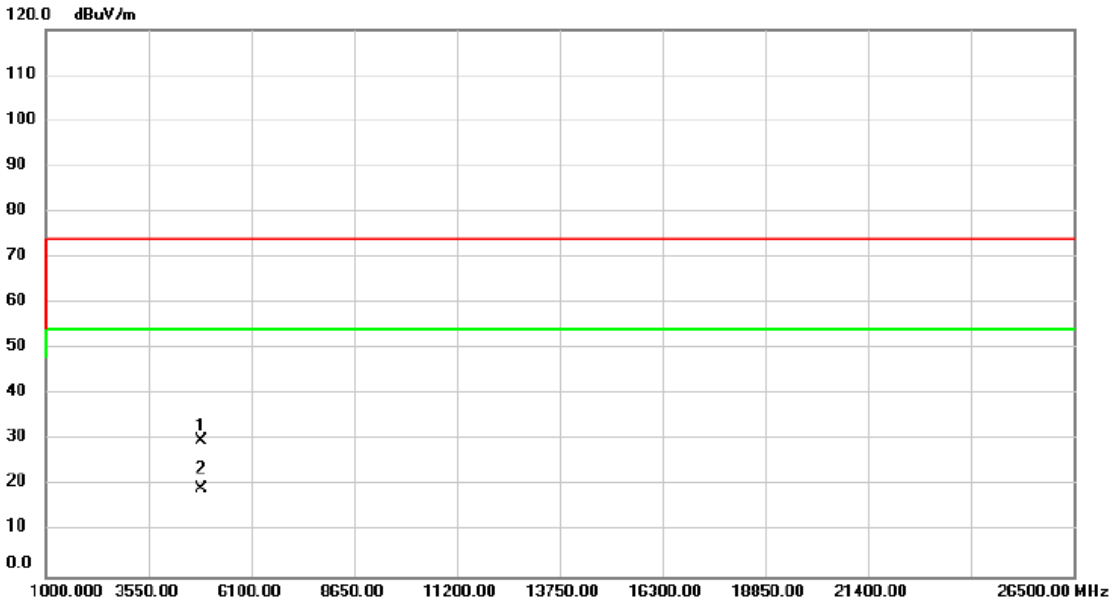
Test Mode	IEEE 802.11g	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	33.96	-8.44	25.52	74.00	-48.48	peak			
2	*	4874.000	24.62	-8.44	16.18	54.00	-37.82	AVG			

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

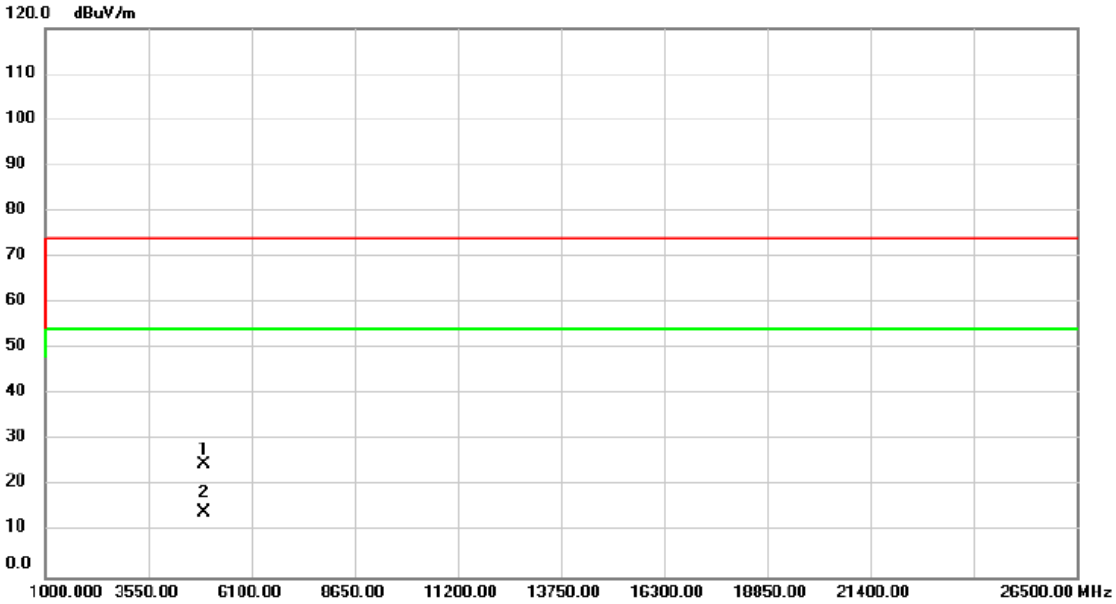
Test Mode	IEEE 802.11g	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	38.15	-8.44	29.71	74.00	-44.29	peak			
2	*	4874.000	27.89	-8.44	19.45	54.00	-34.55	AVG			

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

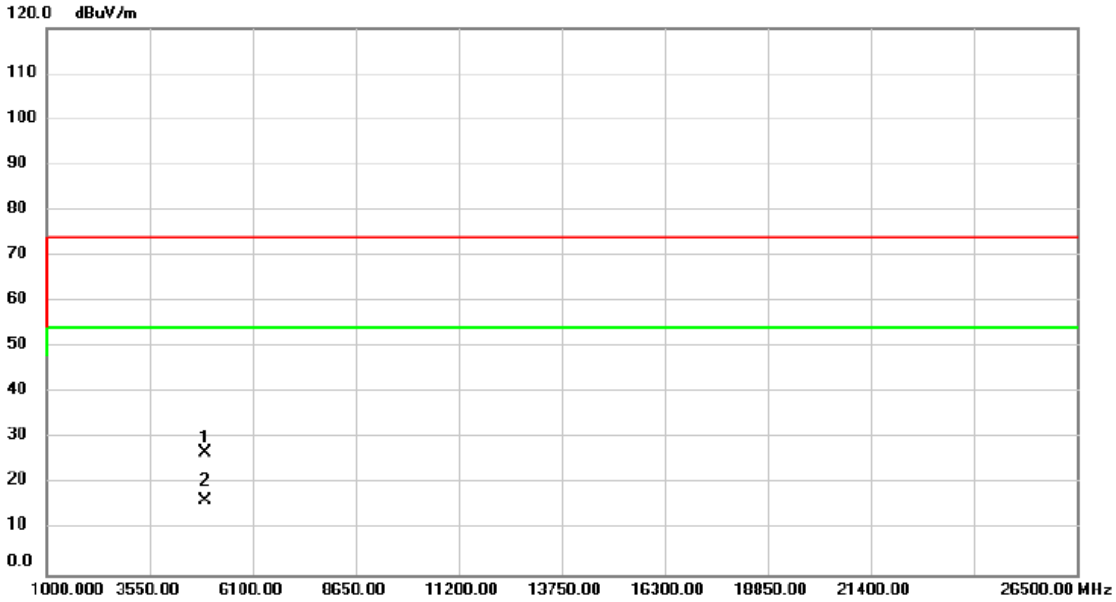
Test Mode	IEEE 802.11g	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	32.94	-8.33	24.61	74.00	-49.39	peak			
2	*	4924.000	22.67	-8.33	14.34	54.00	-39.66	AVG			

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

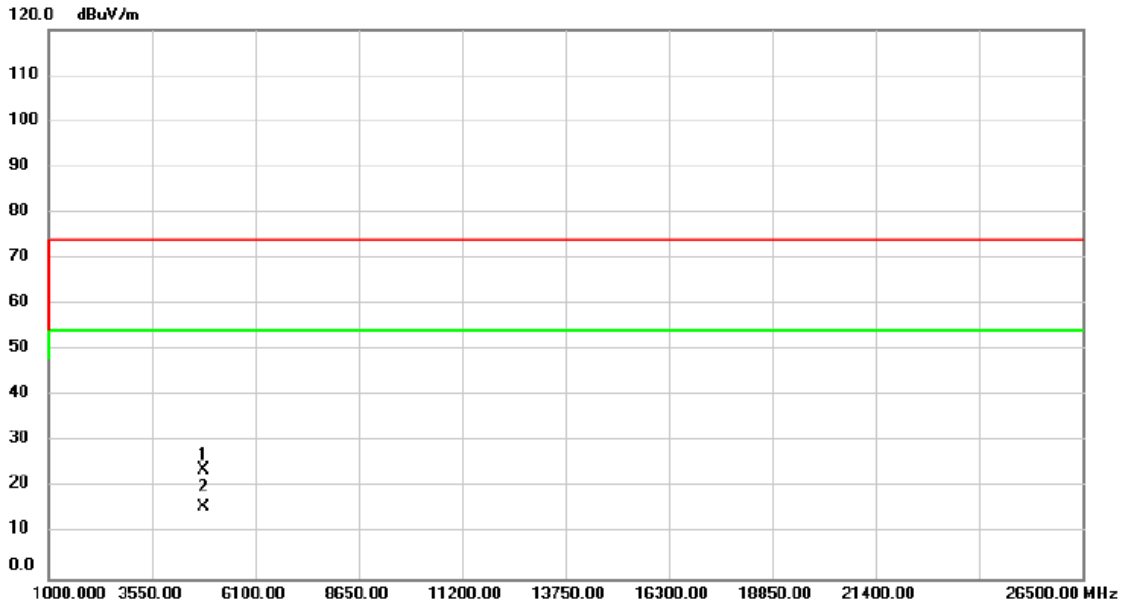
Test Mode	IEEE 802.11g	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	35.07	-8.33	26.74	74.00	-47.26	peak			
2	*	4924.000	24.61	-8.33	16.28	54.00	-37.72	AVG			

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

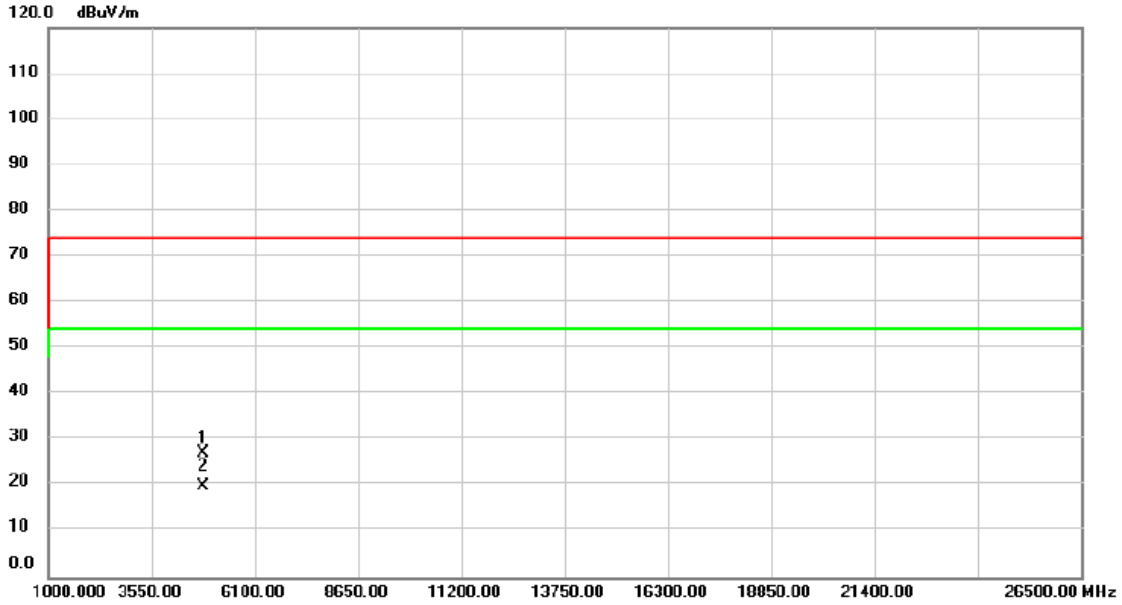
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	32.31	-8.57	23.74	74.00	-50.26	peak			
2	*	4824.000	24.37	-8.57	15.80	54.00	-38.20	AVG			

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

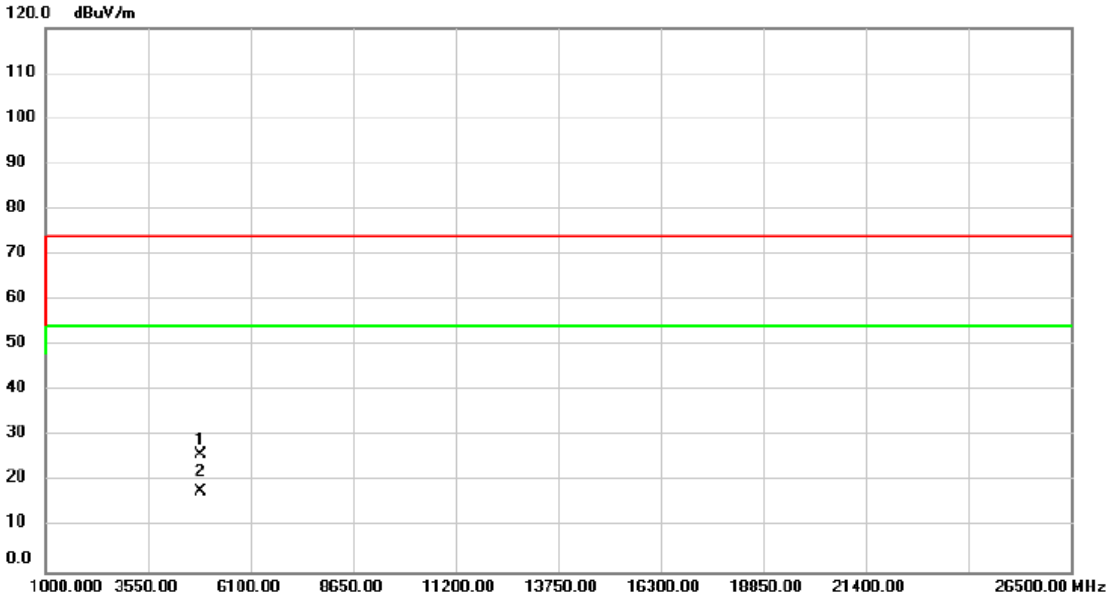
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	35.79	-8.57	27.22	74.00	-46.78	peak			
2	*	4824.000	28.59	-8.57	20.02	54.00	-33.98	AVG			

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

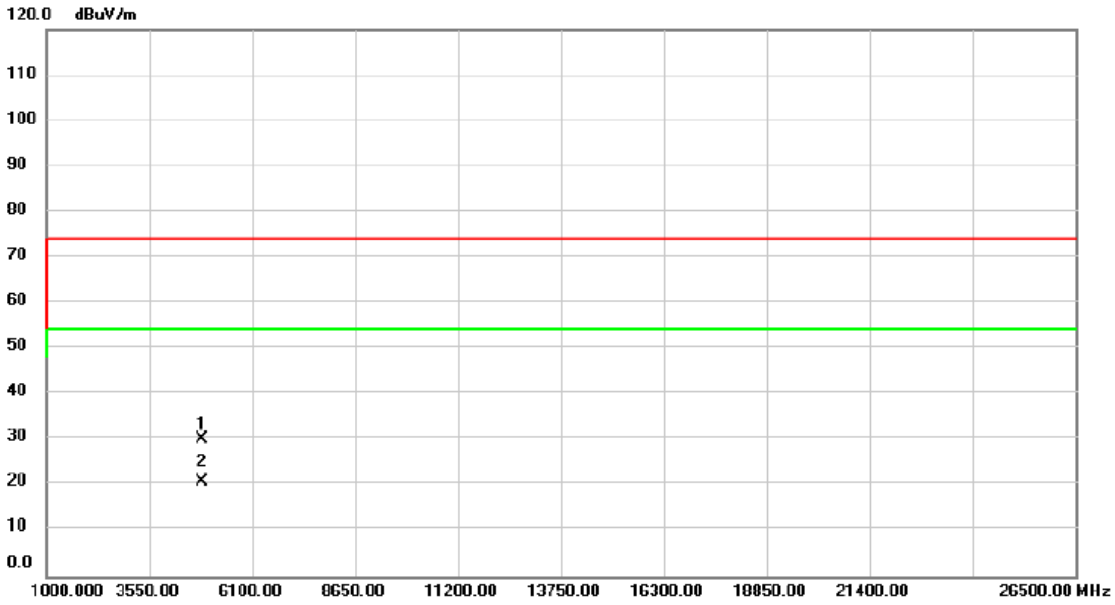
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	34.46	-8.44	26.02	74.00	-47.98	peak			
2	*	4874.000	26.19	-8.44	17.75	54.00	-36.25	AVG			

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

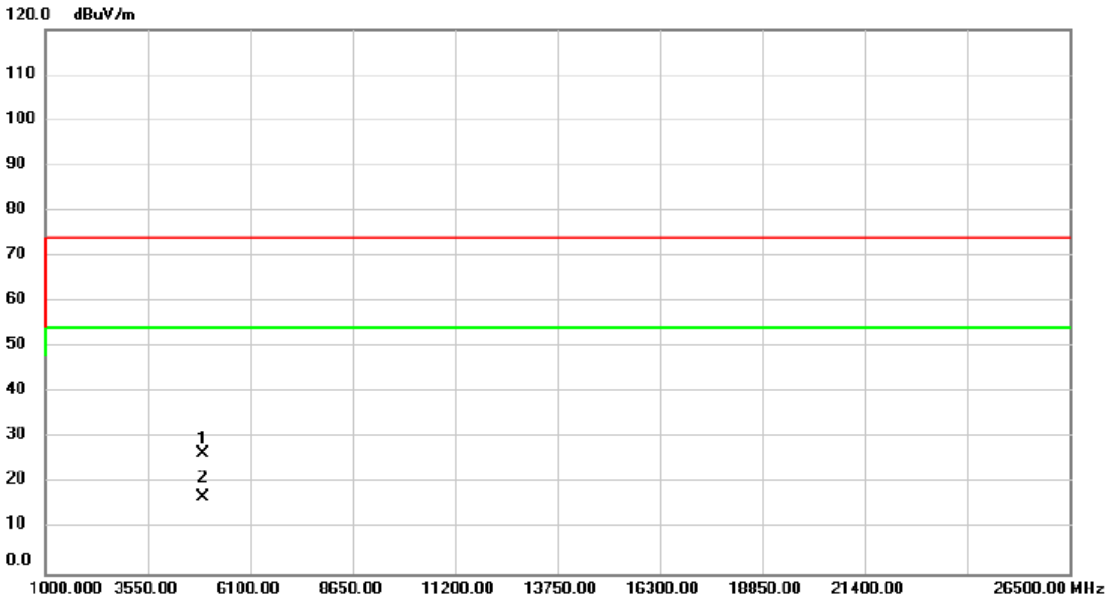
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	38.55	-8.44	30.11	74.00	-43.89	peak			
2	*	4874.000	29.30	-8.44	20.86	54.00	-33.14	AVG			

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

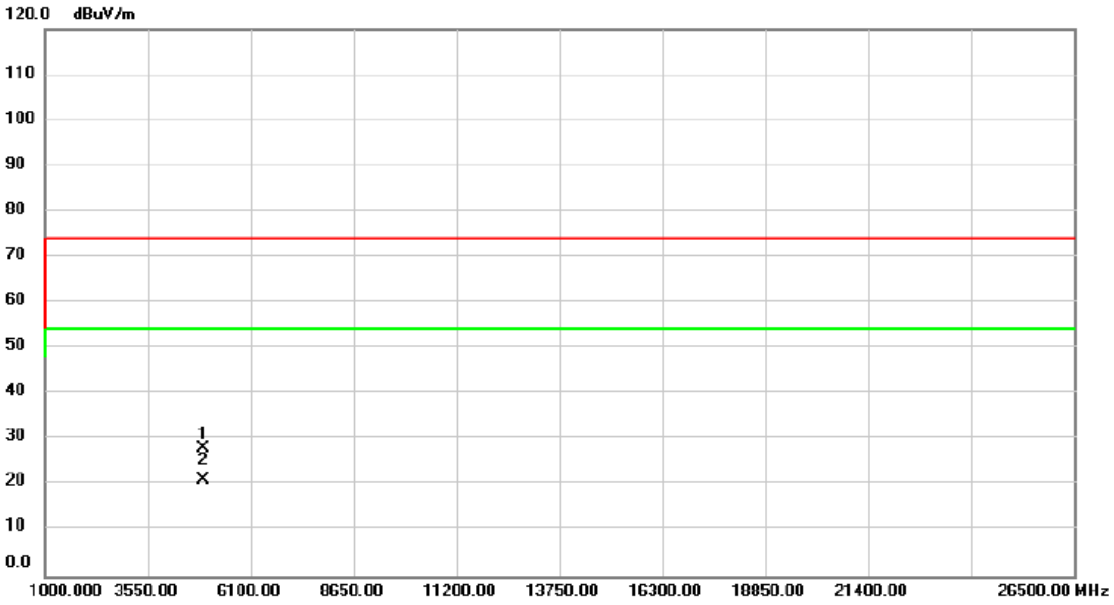
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	34.78	-8.33	26.45	74.00	-47.55	peak			
2	*	4924.000	25.42	-8.33	17.09	54.00	-36.91	AVG			

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

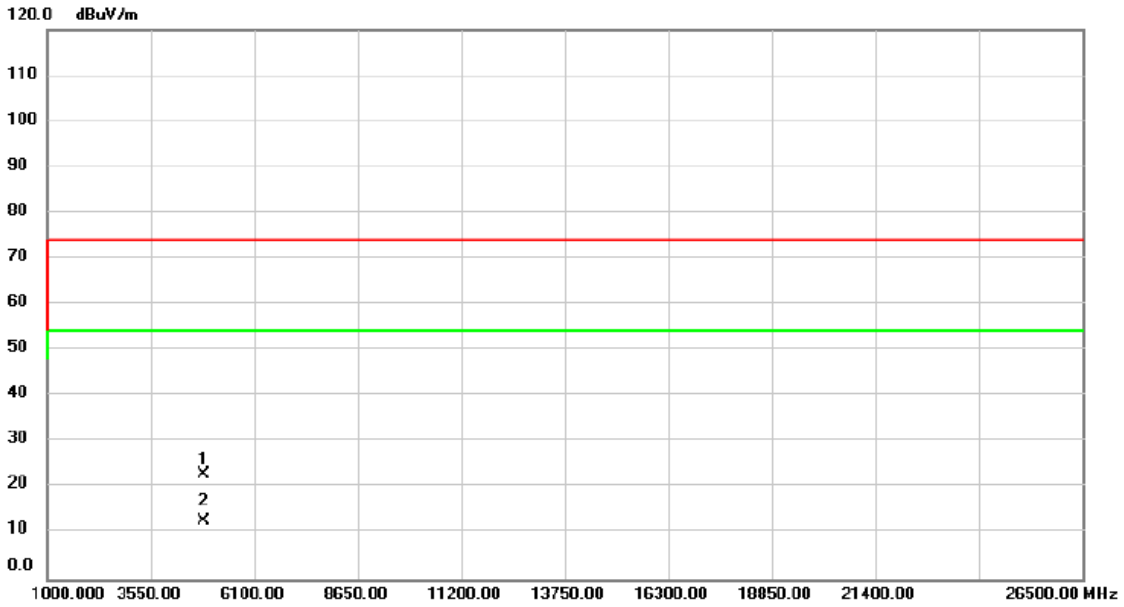
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	36.51	-8.33	28.18	74.00	-45.82	peak			
2	*	4924.000	29.51	-8.33	21.18	54.00	-32.82	AVG			

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

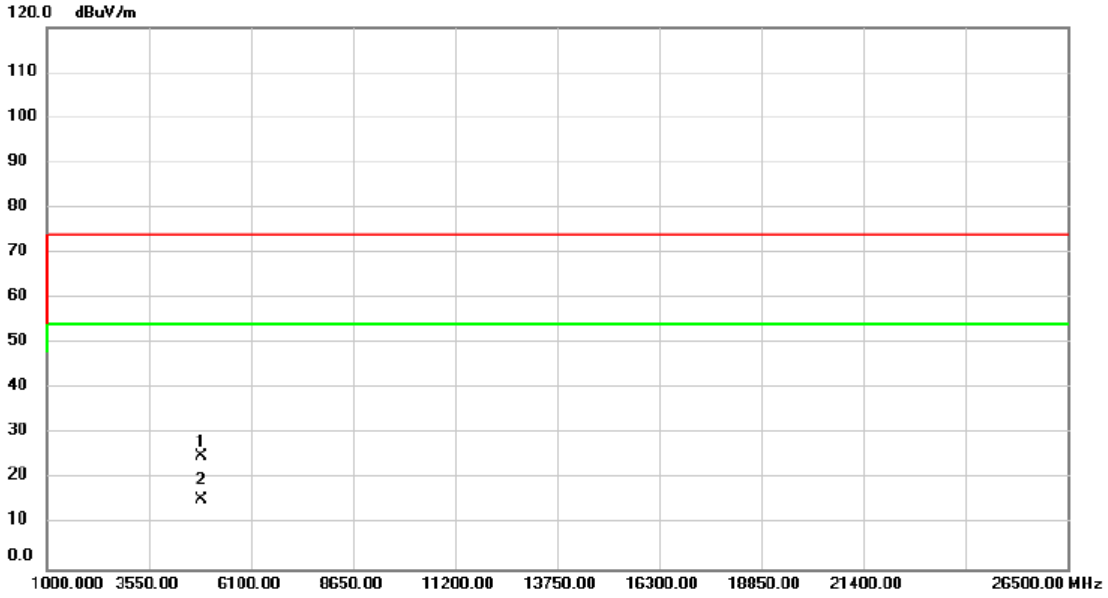
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/24
Test Frequency	2422MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	31.34	-8.52	22.82	74.00	-51.18	peak			
2	*	4844.000	21.15	-8.52	12.63	54.00	-41.37	AVG			

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

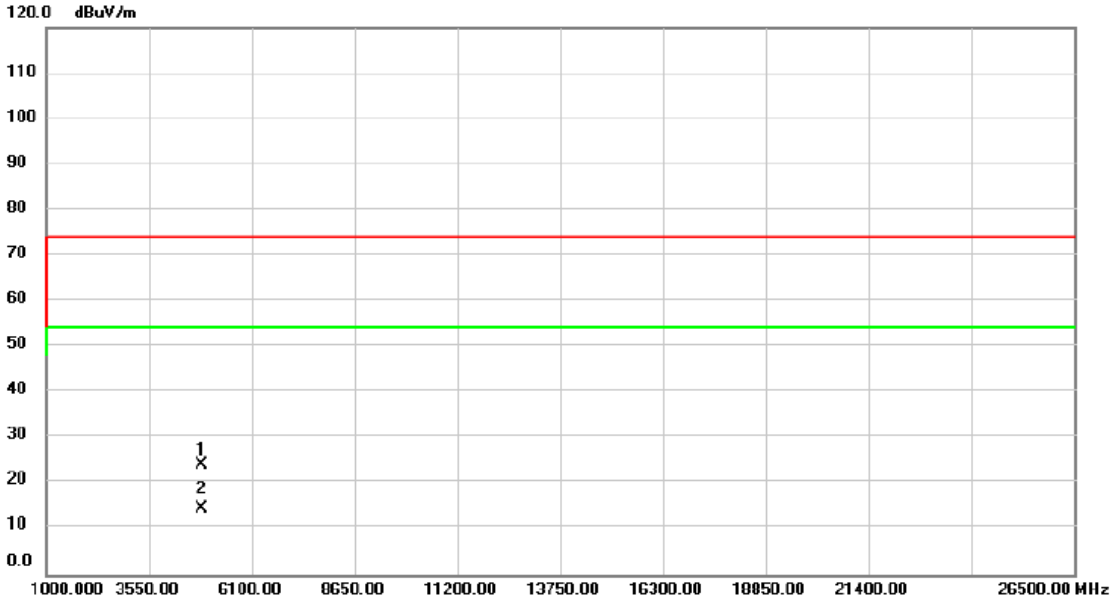
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/24
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	33.47	-8.52	24.95	74.00	-49.05	peak			
2	*	4844.000	24.10	-8.52	15.58	54.00	-38.42	AVG			

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

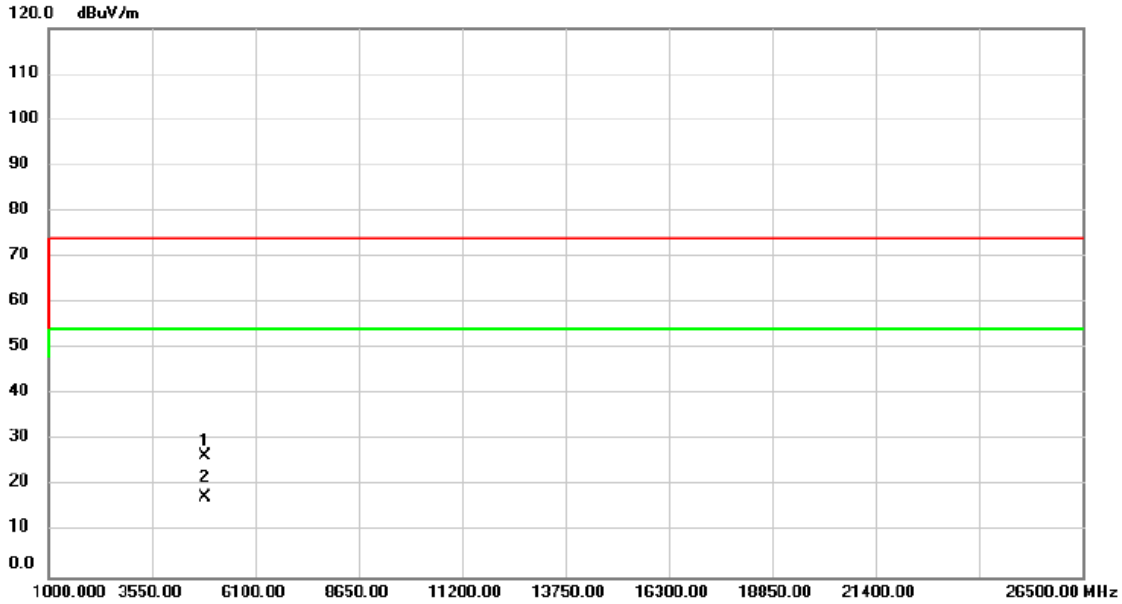
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	32.61	-8.44	24.17	74.00	-49.83	peak			
2	*	4874.000	22.92	-8.44	14.48	54.00	-39.52	AVG			

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

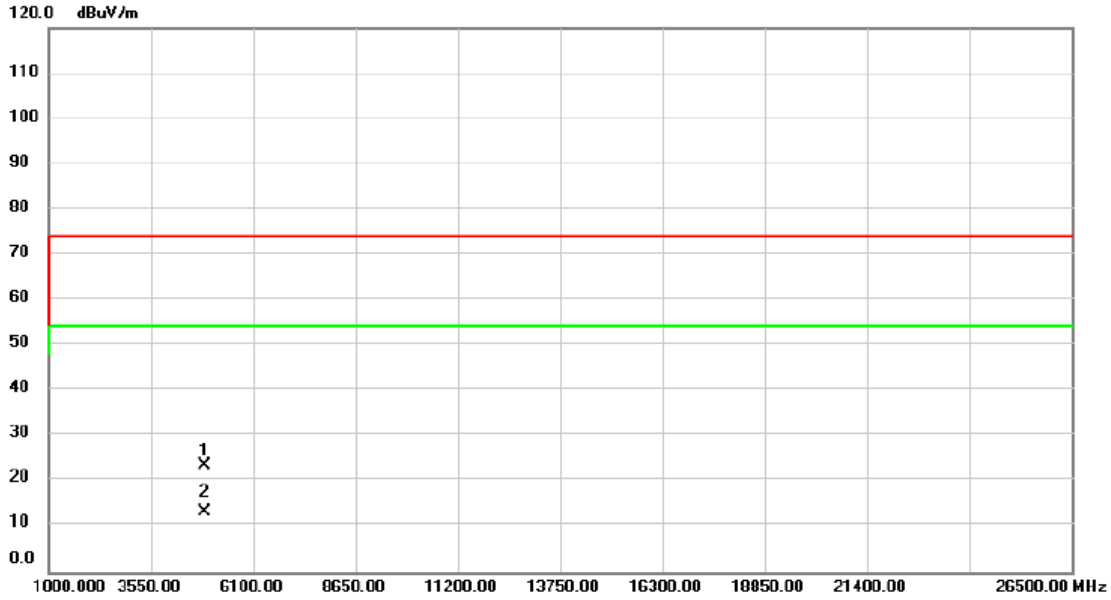
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	35.07	-8.44	26.63	74.00	-47.37	peak			
2	*	4874.000	26.02	-8.44	17.58	54.00	-36.42	AVG			

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

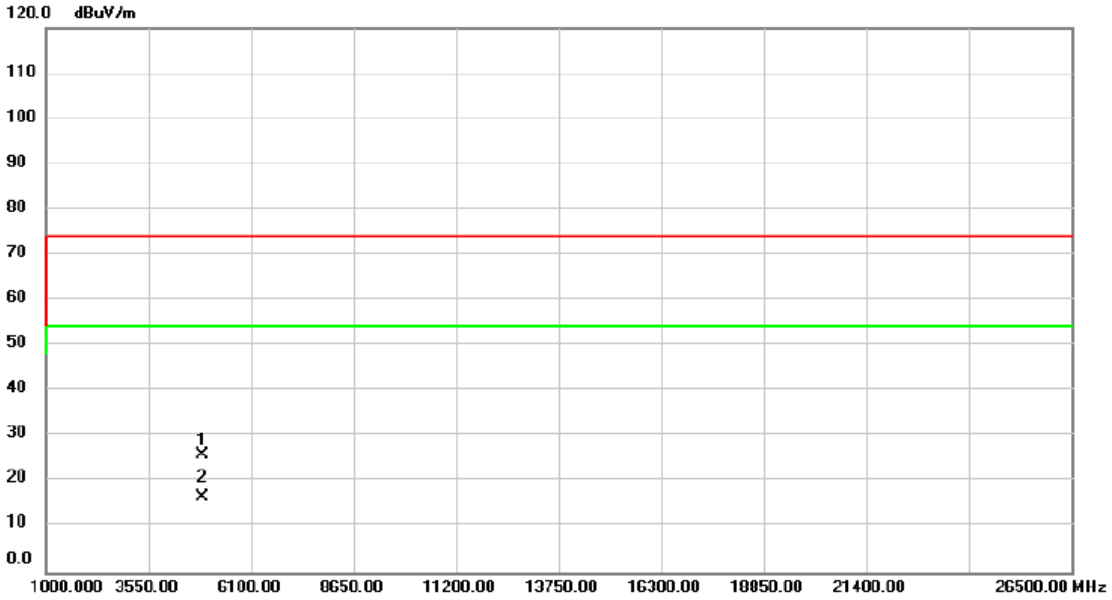
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/24
Test Frequency	2452MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	31.94	-8.36	23.58	74.00	-50.42	peak			
2	*	4904.000	21.69	-8.36	13.33	54.00	-40.67	AVG			

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

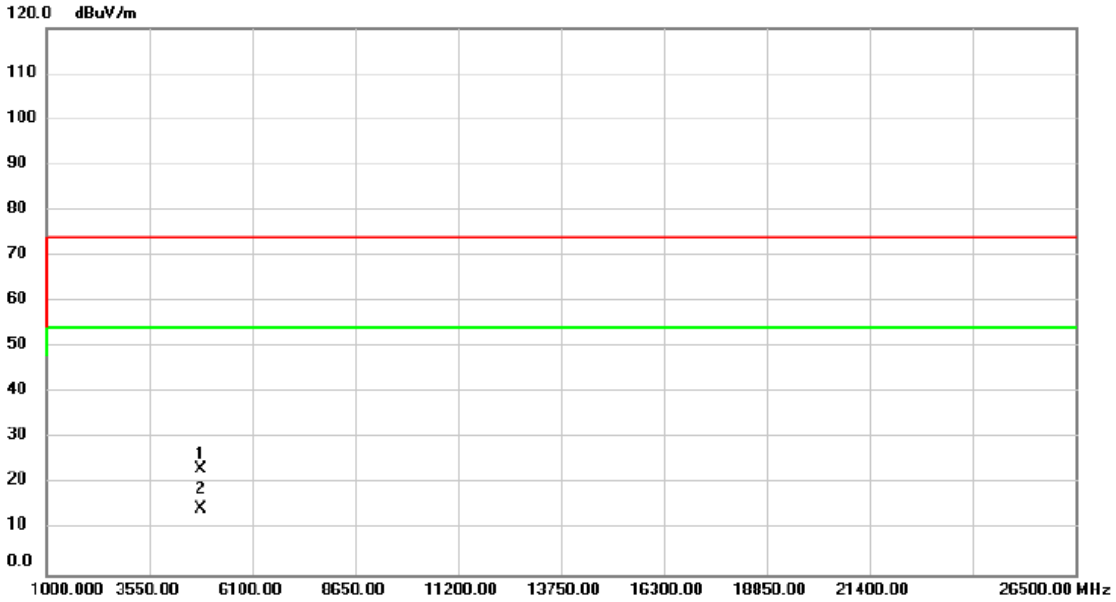
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/4/24
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	34.28	-8.36	25.92	74.00	-48.08	peak			
2	*	4904.000	24.94	-8.36	16.58	54.00	-37.42	AVG			

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

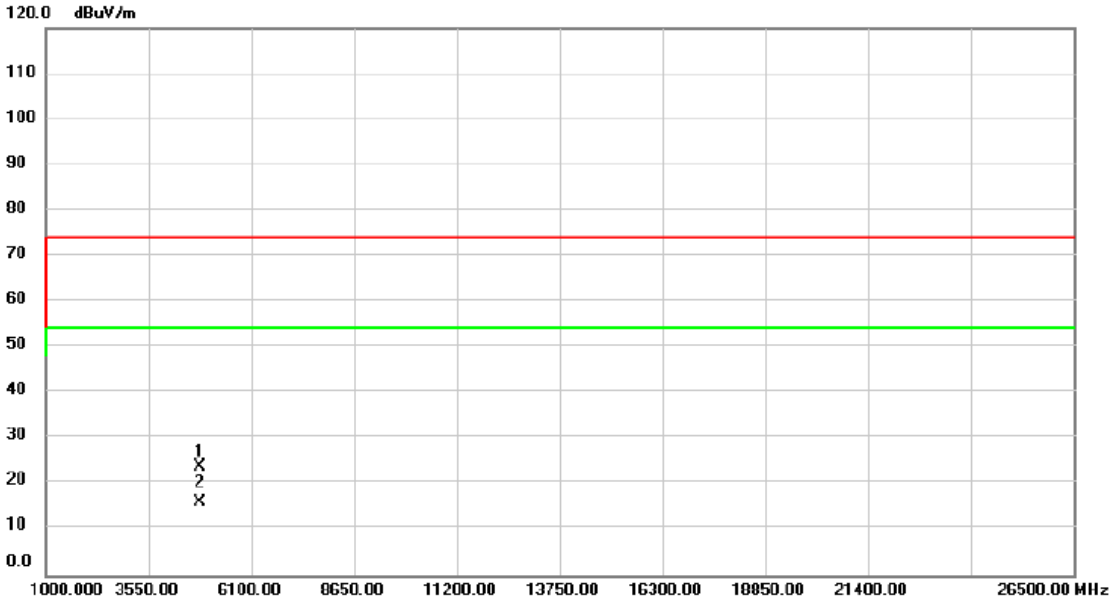
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	31.94	-8.57	23.37	74.00	-50.63	peak			
2	*	4824.000	23.16	-8.57	14.59	54.00	-39.41	AVG			

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

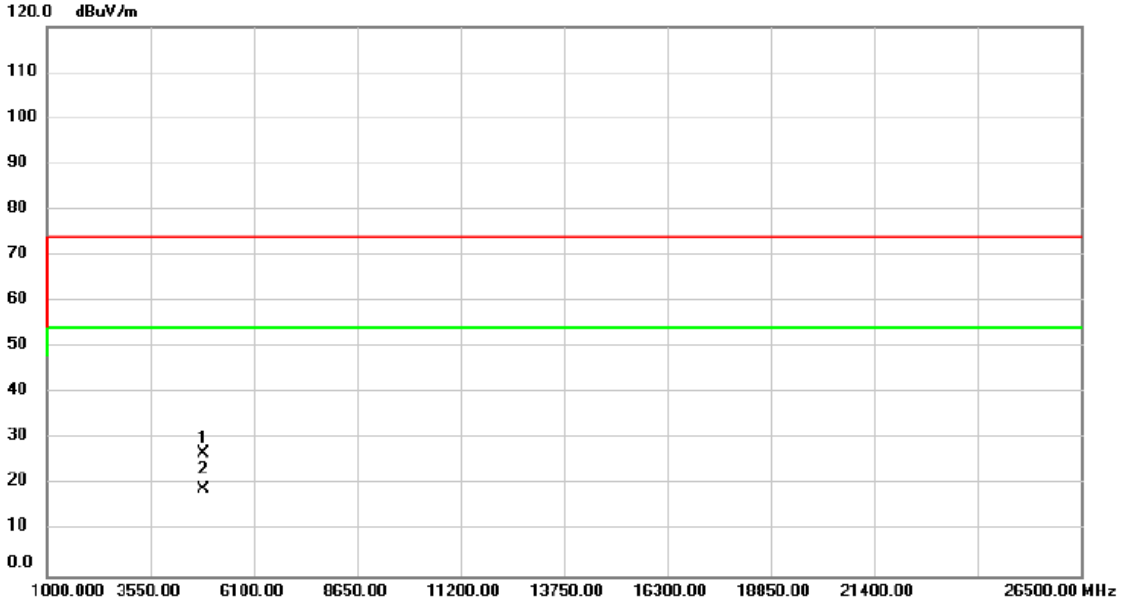
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	32.41	-8.57	23.84	74.00	-50.16	peak			
2	*	4824.000	24.73	-8.57	16.16	54.00	-37.84	AVG			

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

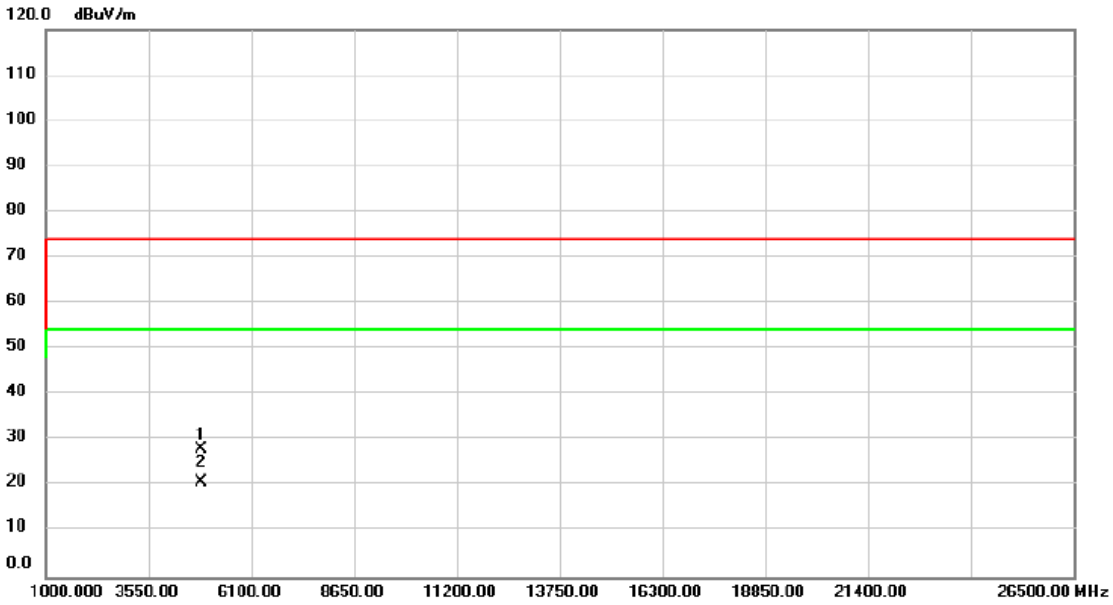
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	35.37	-8.44	26.93	74.00	-47.07	peak			
2	*	4874.000	27.36	-8.44	18.92	54.00	-35.08	AVG			

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

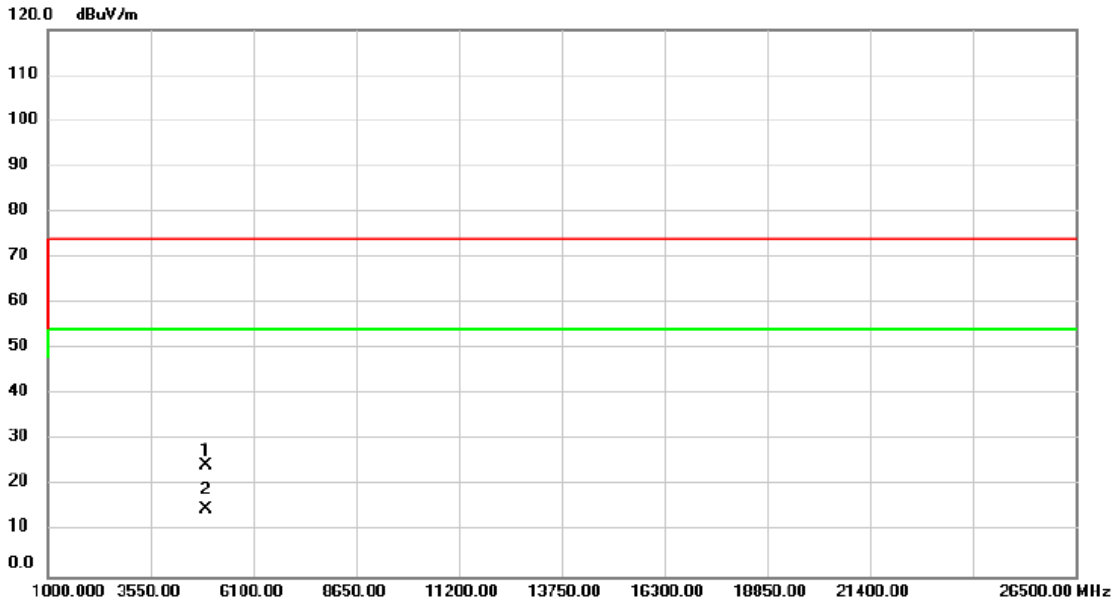
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	36.58	-8.44	28.14	74.00	-45.86	peak			
2	*	4874.000	29.25	-8.44	20.81	54.00	-33.19	AVG			

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

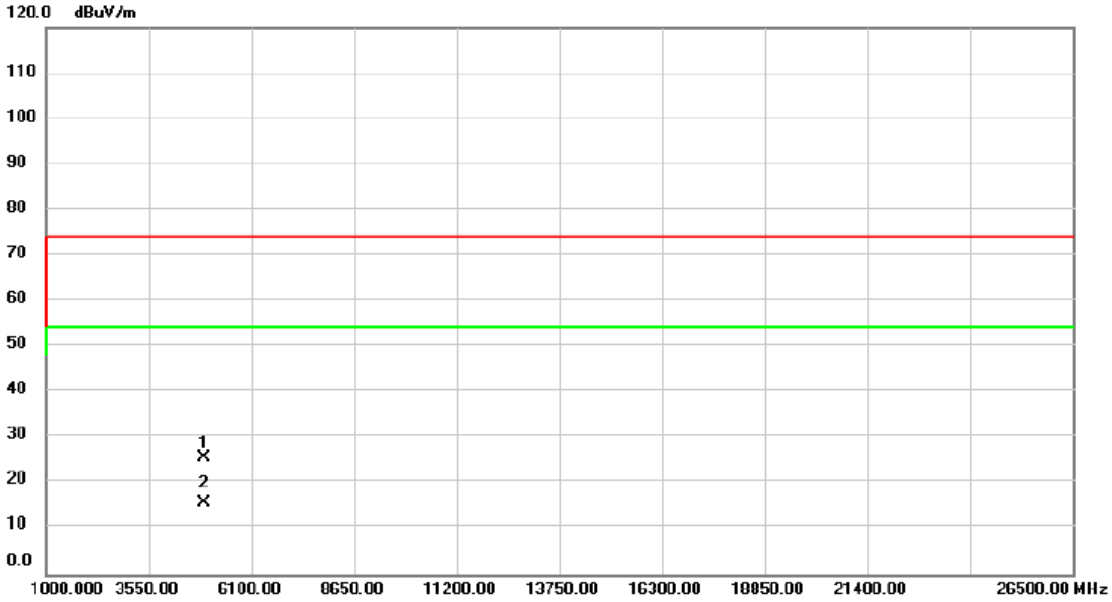
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	32.67	-8.33	24.34	74.00	-49.66	peak			
2	*	4924.000	23.10	-8.33	14.77	54.00	-39.23	AVG			

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

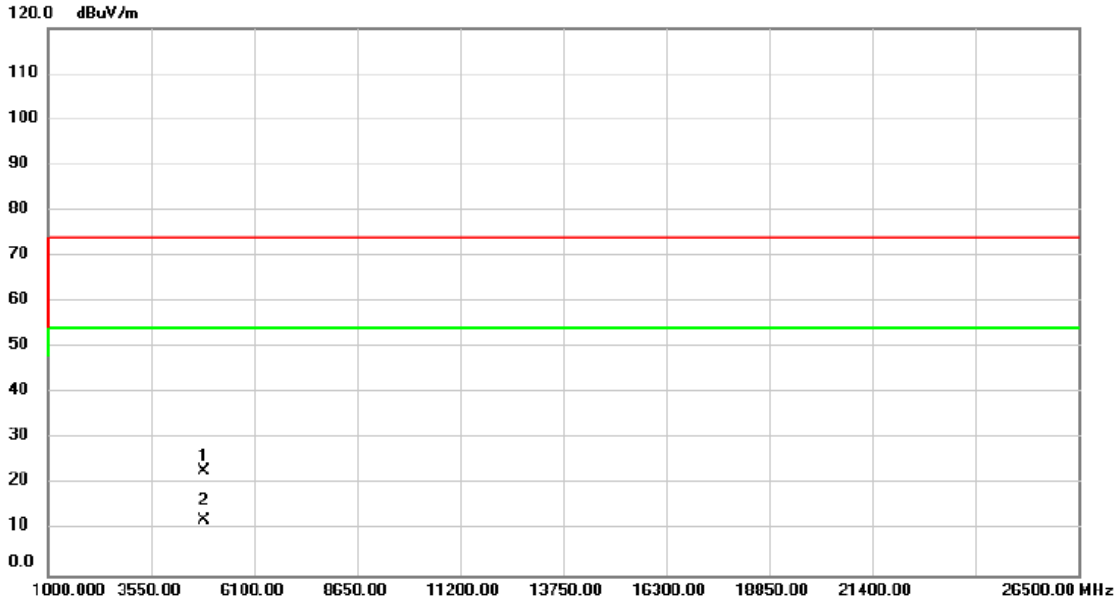
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	33.87	-8.33	25.54	74.00	-48.46	peak			
2	*	4924.000	24.17	-8.33	15.84	54.00	-38.16	AVG			

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

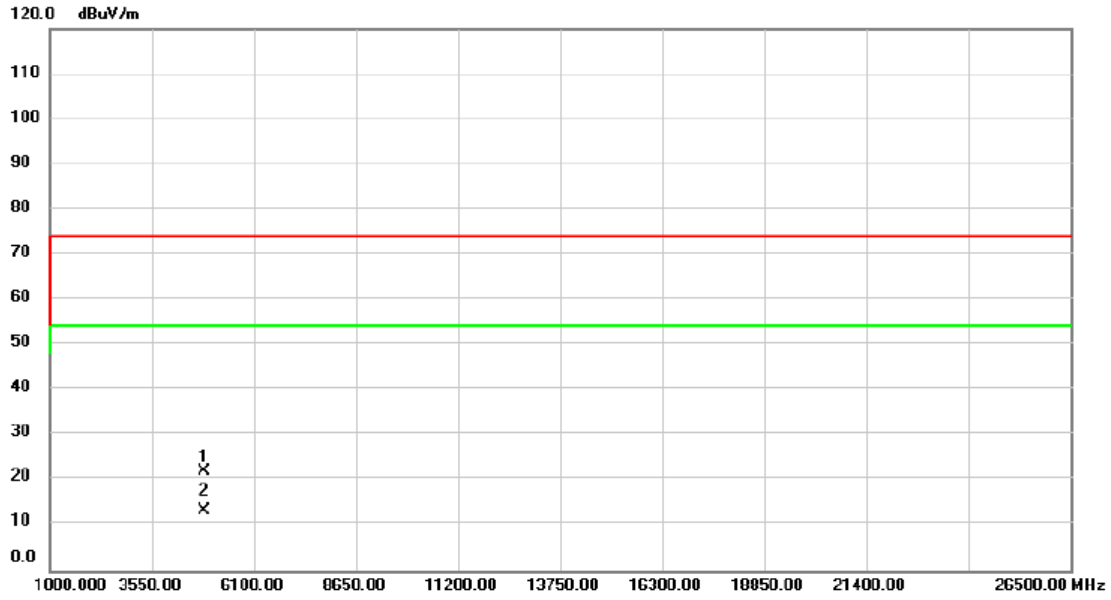
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/24
Test Frequency	2422MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	31.38	-8.52	22.86	74.00	-51.14	peak			
2	*	4844.000	20.54	-8.52	12.02	54.00	-41.98	AVG			

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

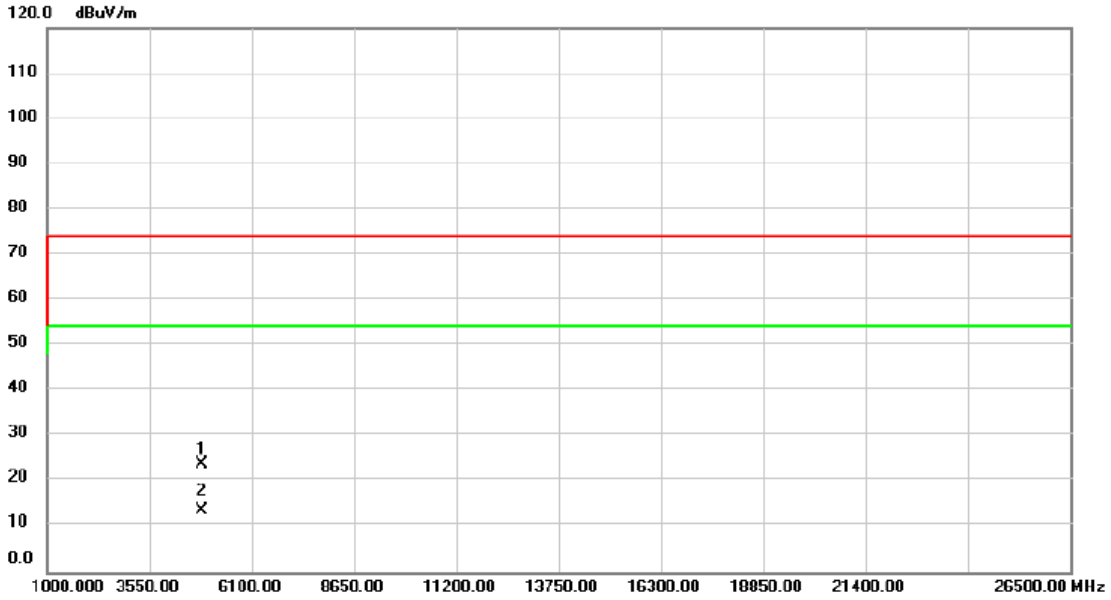
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/24
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	30.49	-8.52	21.97	74.00	-52.03	peak			
2	*	4844.000	21.80	-8.52	13.28	54.00	-40.72	AVG			

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

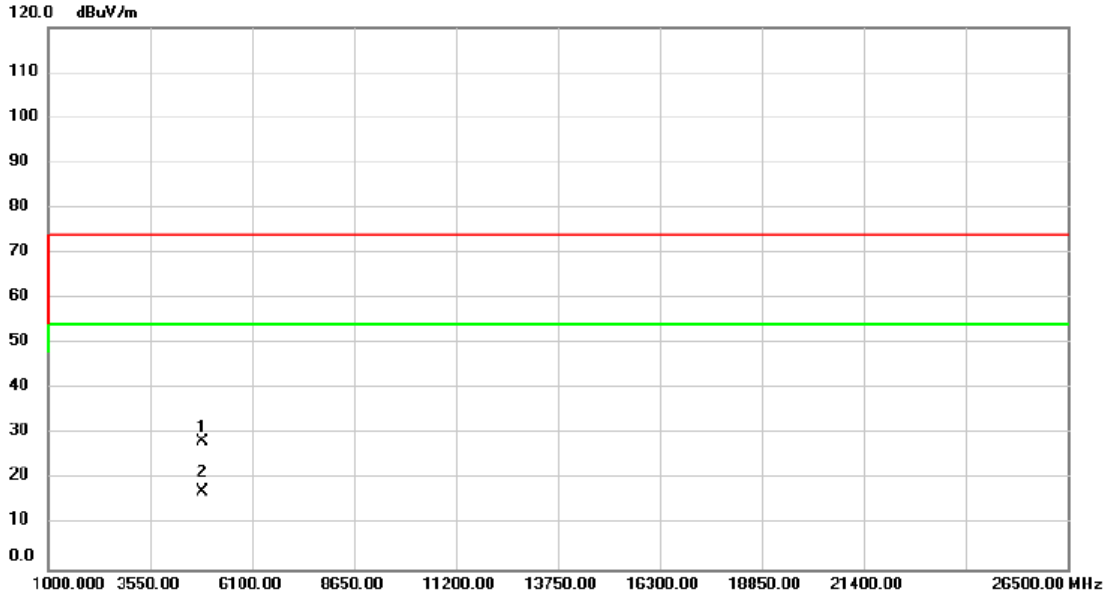
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	32.43	-8.44	23.99	74.00	-50.01	peak			
2	*	4874.000	22.20	-8.44	13.76	54.00	-40.24	AVG			

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

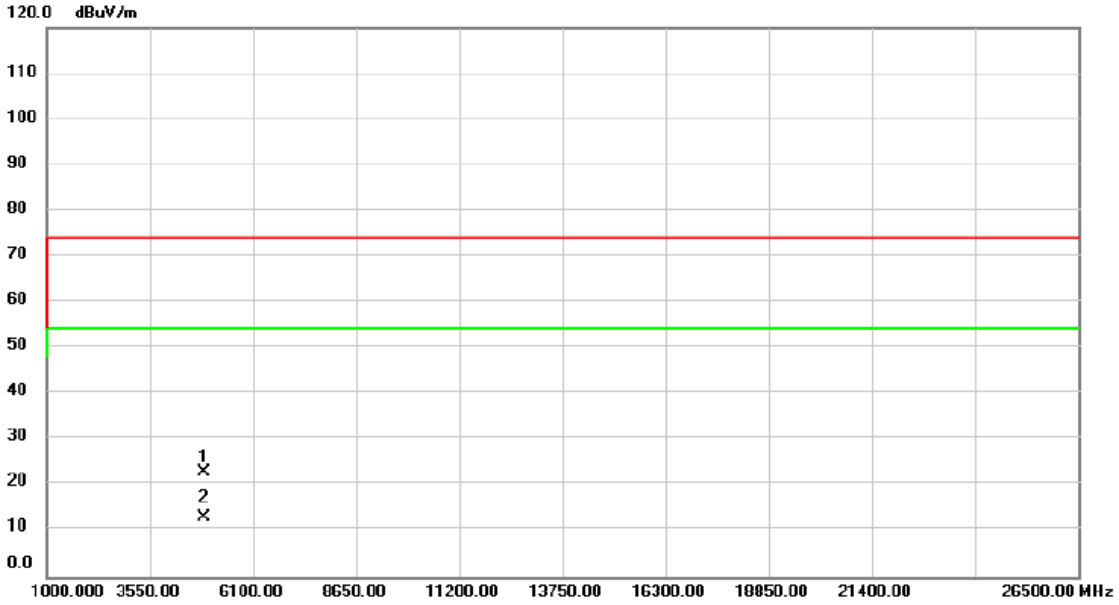
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/24
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	36.77	-8.44	28.33	74.00	-45.67	peak			
2	*	4874.000	25.60	-8.44	17.16	54.00	-36.84	AVG			

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

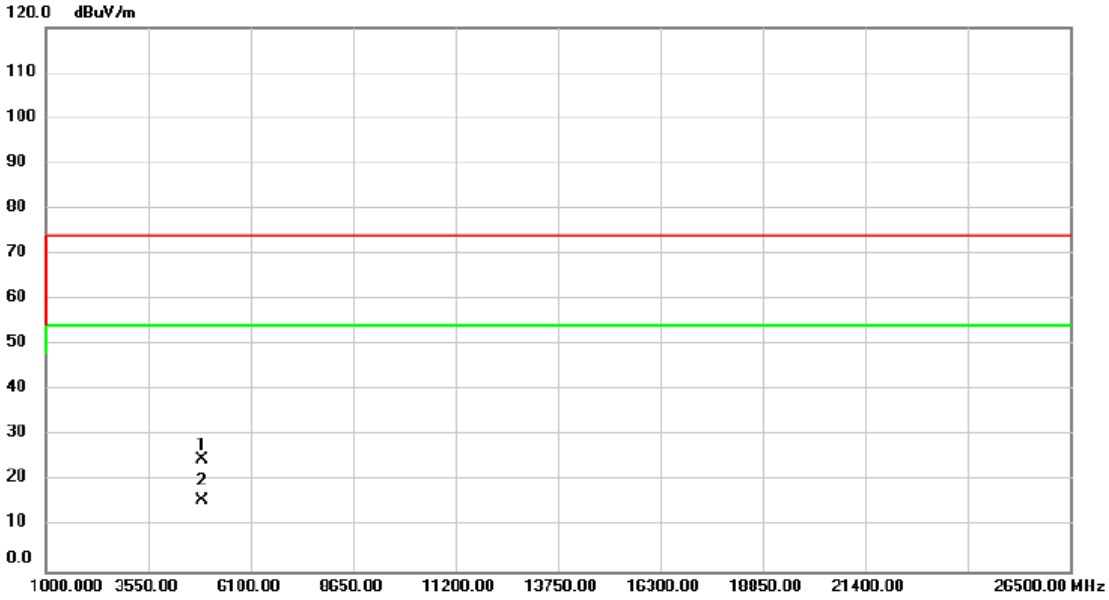
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/24
Test Frequency	2452MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	31.18	-8.36	22.82	74.00	-51.18	peak			
2	*	4904.000	21.47	-8.36	13.11	54.00	-40.89	AVG			

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

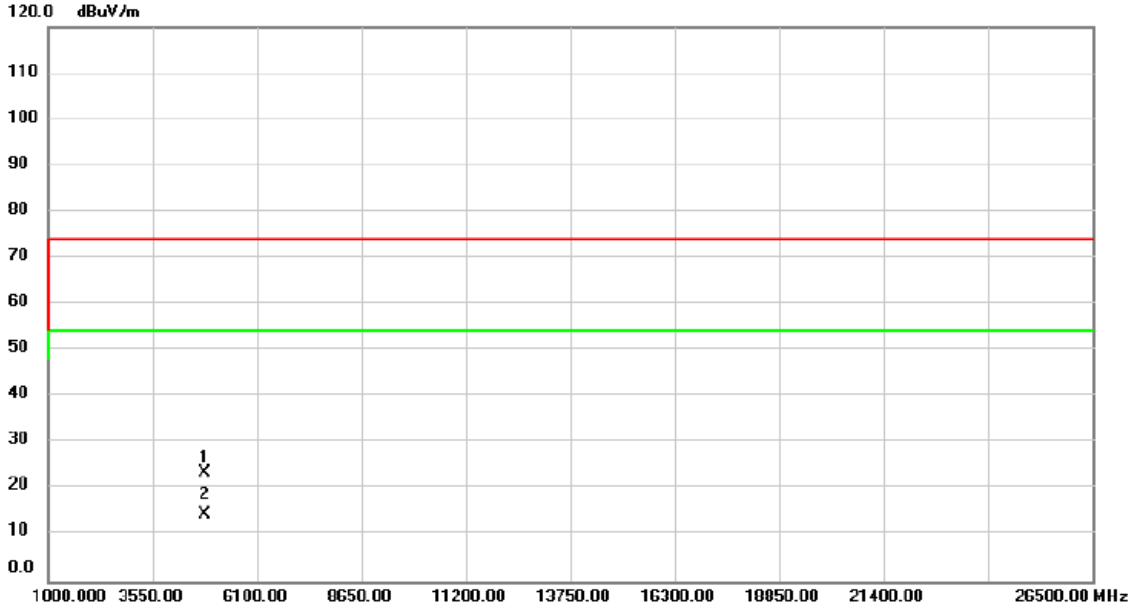
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/24
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	33.17	-8.36	24.81	74.00	-49.19	peak			
2	*	4904.000	24.04	-8.36	15.68	54.00	-38.32	AVG			

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

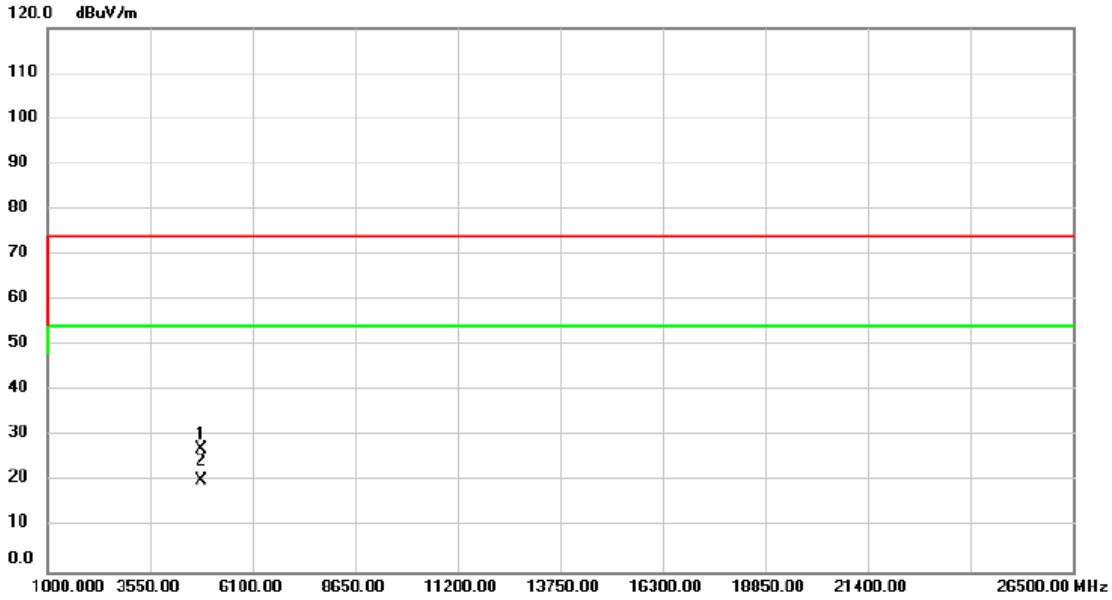
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	32.10	-8.57	23.53	74.00	-50.47	peak			
2	*	4824.000	23.12	-8.57	14.55	54.00	-39.45	AVG			

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

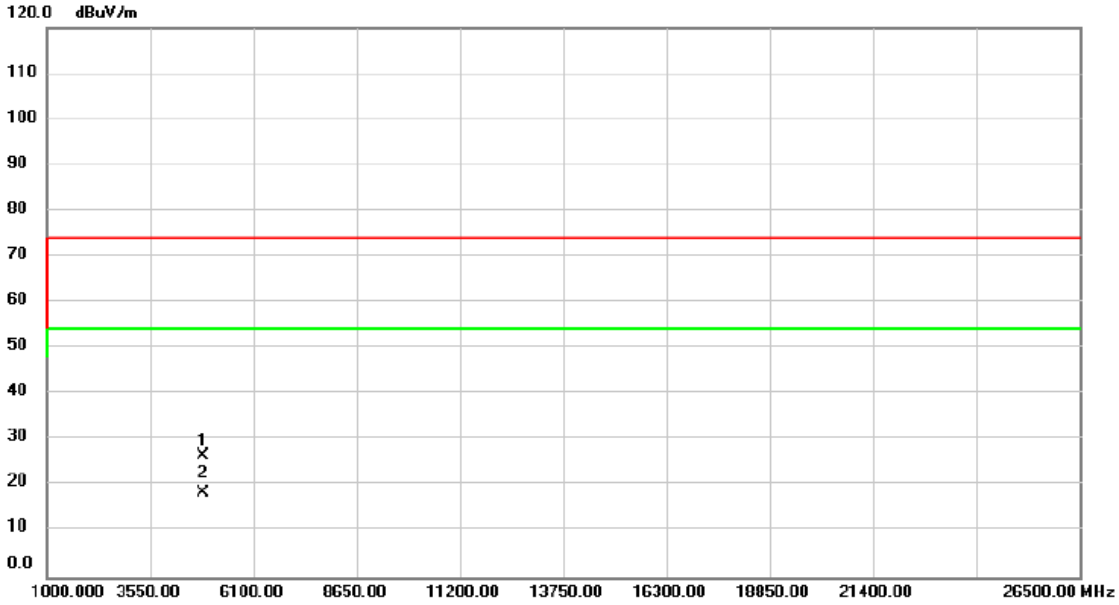
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/4/24
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4824.000	35.64	-8.57	27.07	74.00	-46.93	peak			
2	*	4824.000	28.93	-8.57	20.36	54.00	-33.64	AVG			

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

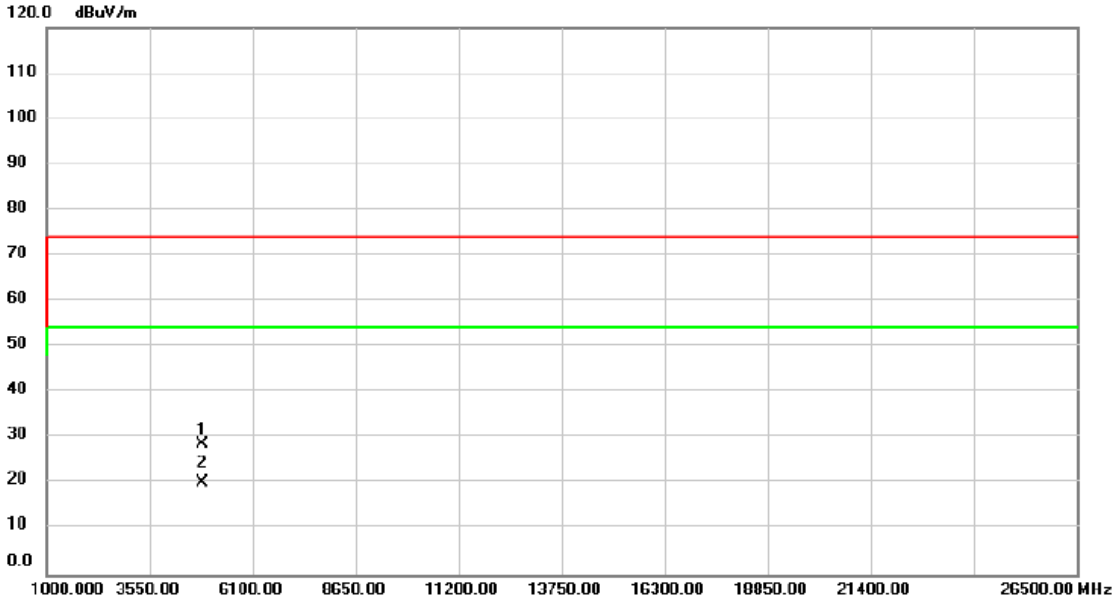
Test Mode	IEEE 802.11be (EHT20)	Test Date	2023/12/12
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	34.93	-8.44	26.49	74.00	-47.51	peak			
2	*	4874.000	26.78	-8.44	18.34	54.00	-35.66	AVG			

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

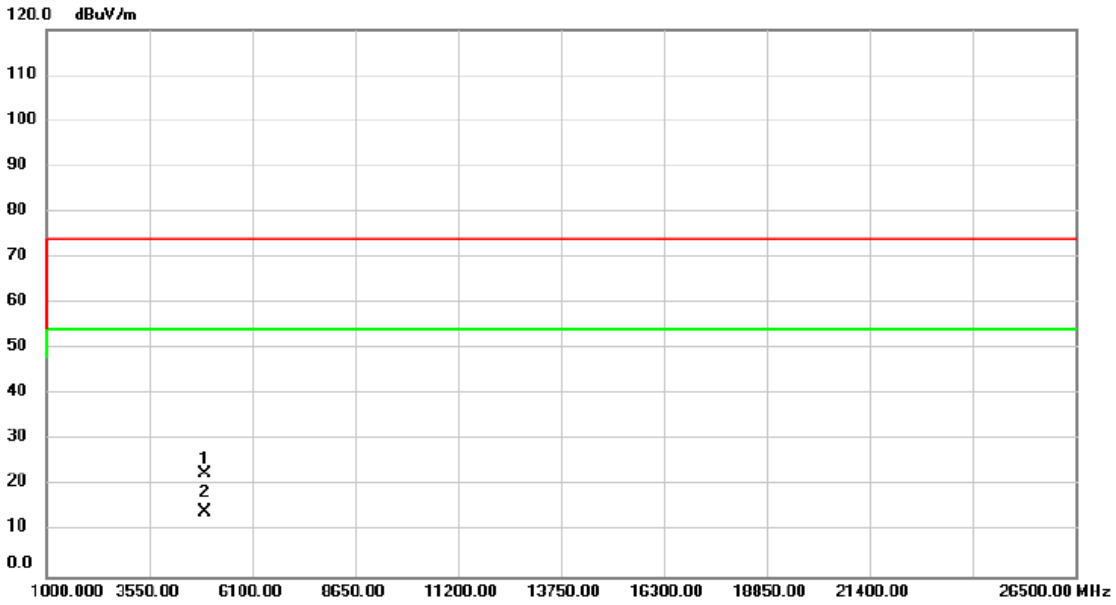
Test Mode	IEEE 802.11be (EHT20)	Test Date	2023/12/12
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	37.03	-8.44	28.59	74.00	-45.41	peak			
2	*	4874.000	28.76	-8.44	20.32	54.00	-33.68	AVG			

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

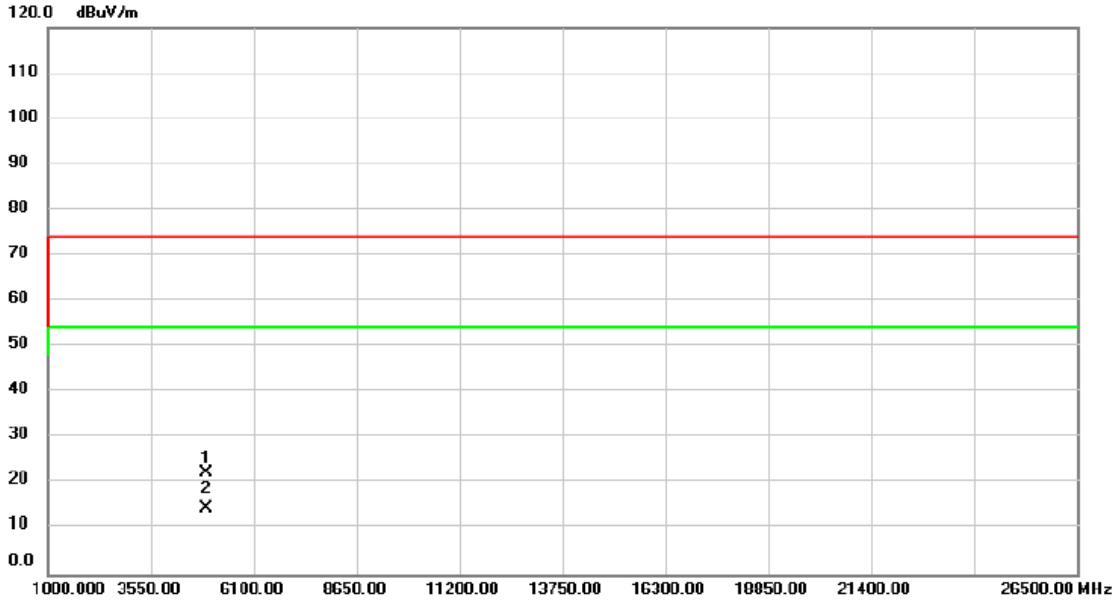
Test Mode	IEEE 802.11be (EHT20)	Test Date	2023/12/12
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	31.08	-8.33	22.75	74.00	-51.25	peak			
2	*	4924.000	22.65	-8.33	14.32	54.00	-39.68	AVG			

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

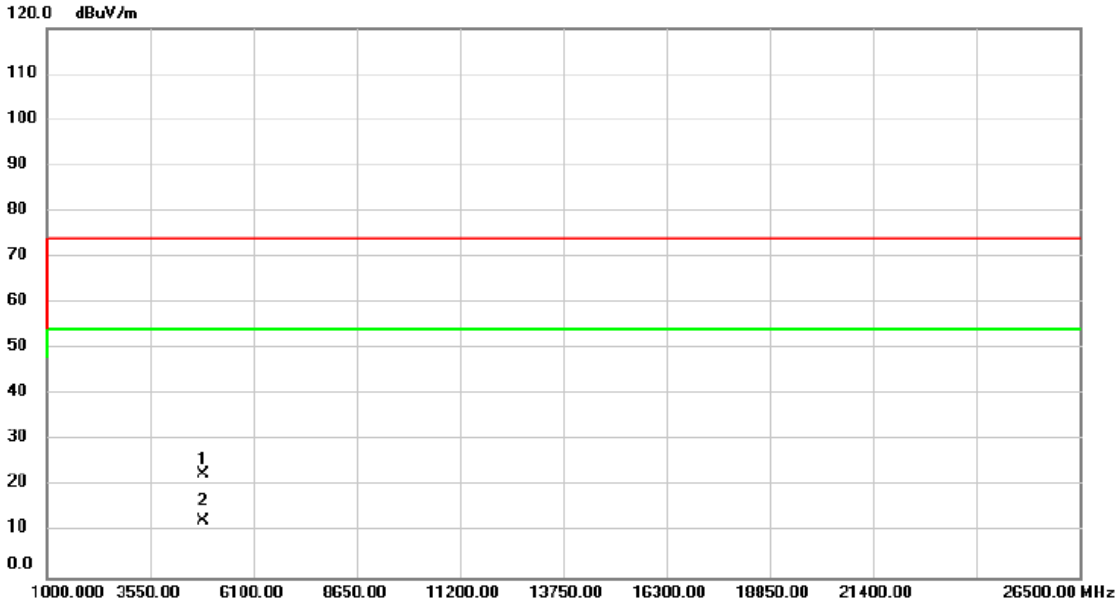
Test Mode	IEEE 802.11be (EHT20)	Test Date	2023/12/12
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4924.000	30.65	-8.33	22.32	74.00	-51.68	peak			
2	*	4924.000	22.79	-8.33	14.46	54.00	-39.54	AVG			

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

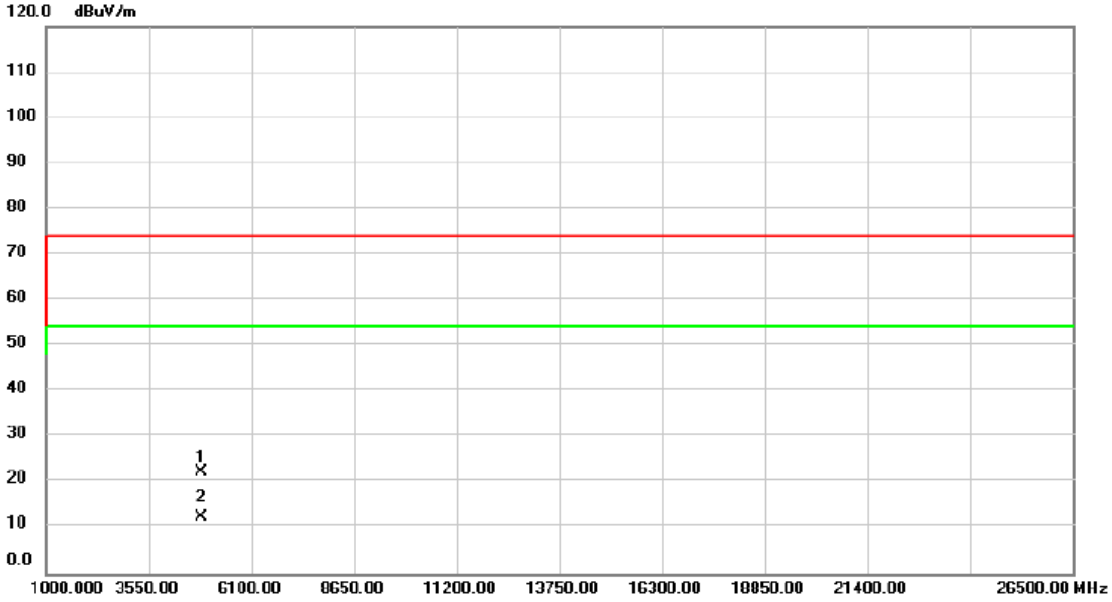
Test Mode	IEEE 802.11be (EHT40)	Test Date	2023/12/12
Test Frequency	2422MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	31.10	-8.52	22.58	74.00	-51.42	peak			
2	*	4844.000	20.98	-8.52	12.46	54.00	-41.54	AVG			

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

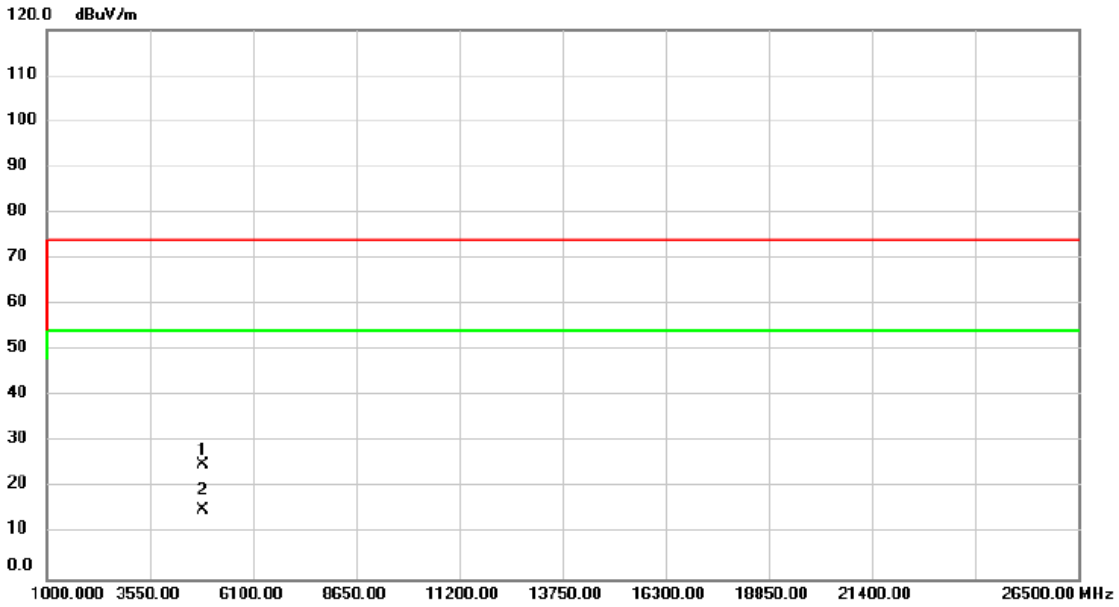
Test Mode	IEEE 802.11be (EHT40)	Test Date	2023/12/12
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4844.000	30.86	-8.52	22.34	74.00	-51.66	peak			
2	*	4844.000	20.95	-8.52	12.43	54.00	-41.57	AVG			

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

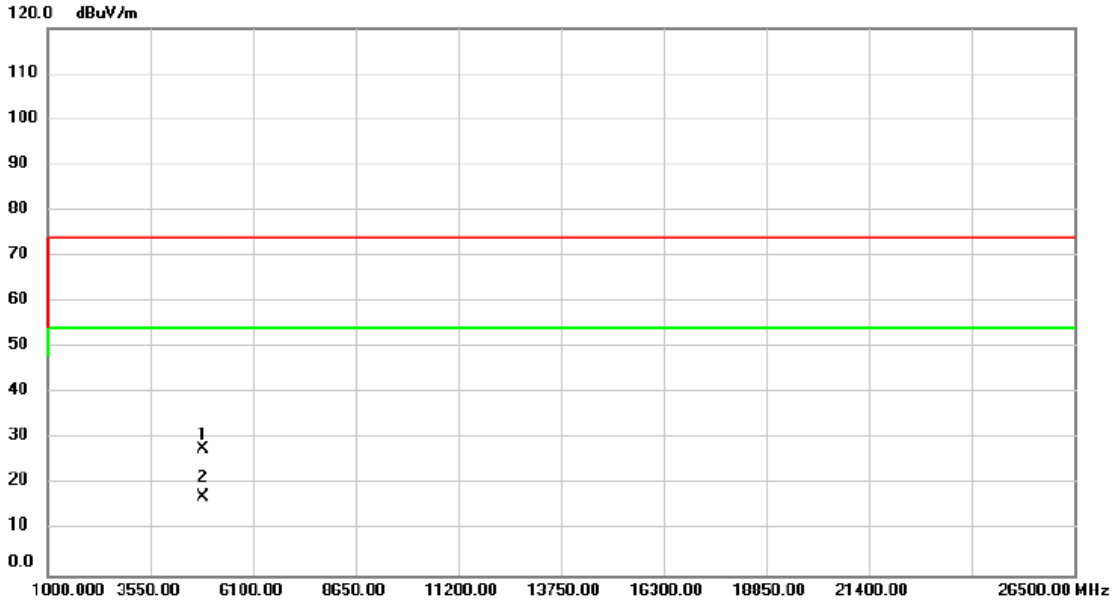
Test Mode	IEEE 802.11be (EHT40)	Test Date	2023/12/12
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	33.60	-8.44	25.16	74.00	-48.84	peak			
2	*	4874.000	23.45	-8.44	15.01	54.00	-38.99	AVG			

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

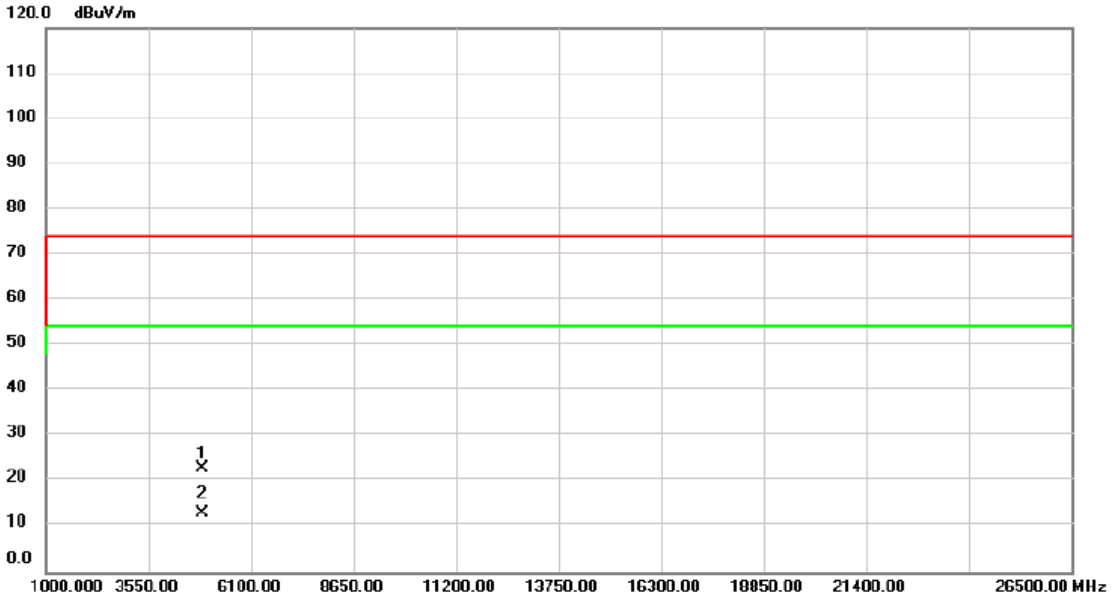
Test Mode	IEEE 802.11be (EHT40)	Test Date	2023/12/12
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4874.000	36.17	-8.44	27.73	74.00	-46.27	peak			
2	*	4874.000	25.76	-8.44	17.32	54.00	-36.68	AVG			

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

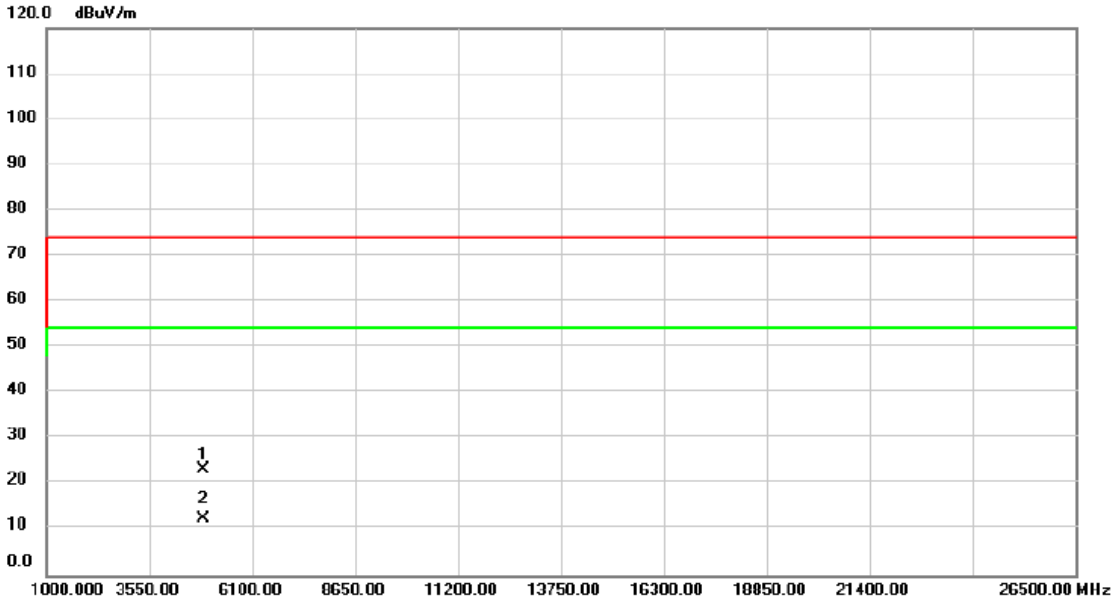
Test Mode	IEEE 802.11be (EHT40)	Test Date	2023/12/12
Test Frequency	2452MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	31.25	-8.36	22.89	74.00	-51.11	peak			
2	*	4904.000	21.49	-8.36	13.13	54.00	-40.87	AVG			

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2023/12/12
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4904.000	31.57	-8.36	23.21	74.00	-50.79	peak			
2	*	4904.000	20.67	-8.36	12.31	54.00	-41.69	AVG			

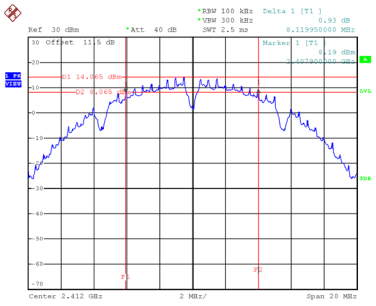
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D BANDWIDTH

Test Mode	IEEE 802.11b_Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	8.120	13.120	0.5	Complies
06	2437	8.560	12.960	0.5	Complies
11	2462	8.080	12.960	0.5	Complies

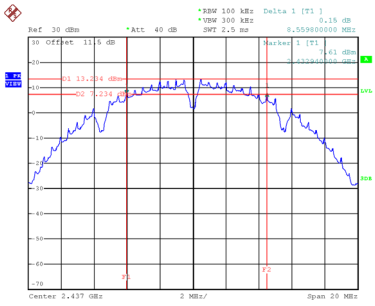
CH01



Date: 29.APR.2024 15:38:14

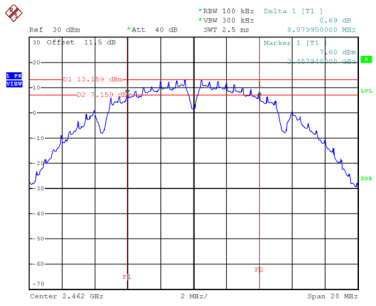
CH06

6 dB Bandwidth

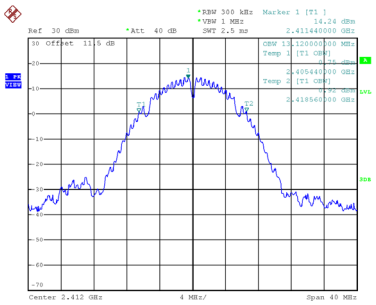


Date: 29.APR.2024 15:40:30

CH11

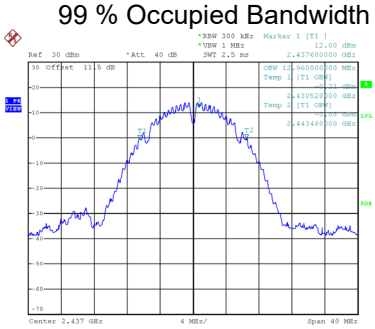


Date: 29.APR.2024 15:44:26

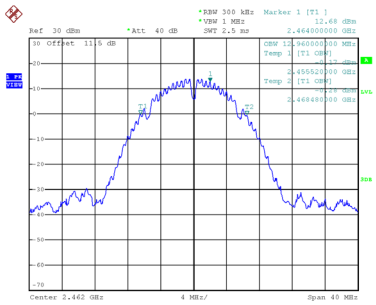


Date: 29.APR.2024 15:38:23

99 % Occupied Bandwidth



Date: 29.APR.2024 15:40:38

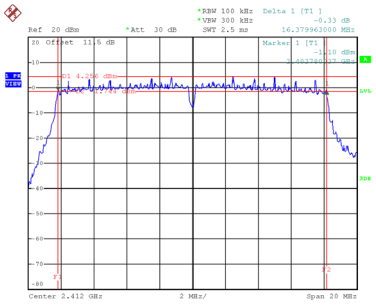


Date: 29.APR.2024 15:44:35

Test Mode	IEEE 802.11g_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.380	16.480	0.5	Complies
06	2437	15.750	23.280	0.5	Complies
11	2462	16.350	16.640	0.5	Complies

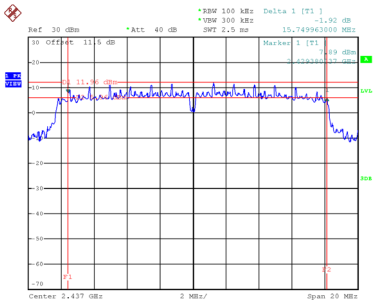
CH01



Date: 29.APR.2024 15:49:07

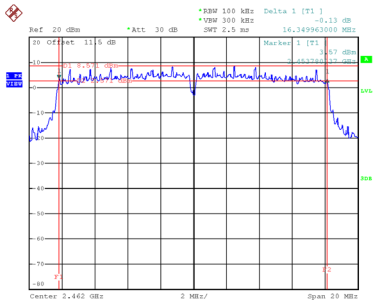
CH06

6 dB Bandwidth

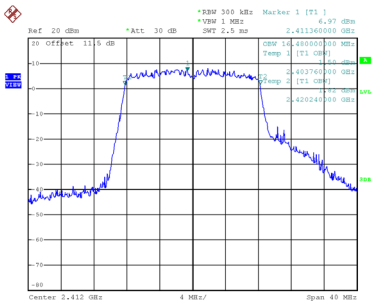


Date: 29.APR.2024 15:51:43

CH11

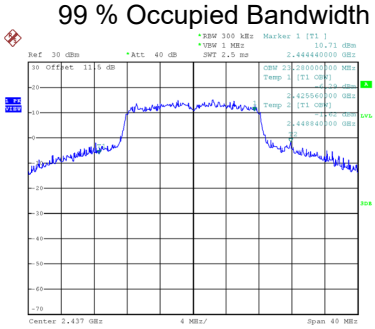


Date: 29.APR.2024 16:00:45

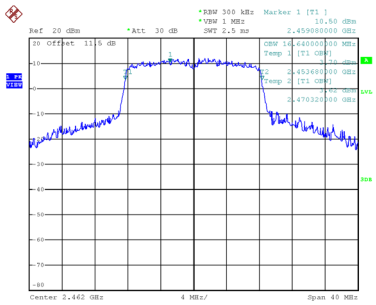


Date: 29.APR.2024 15:49:16

99 % Occupied Bandwidth



Date: 29.APR.2024 15:51:52

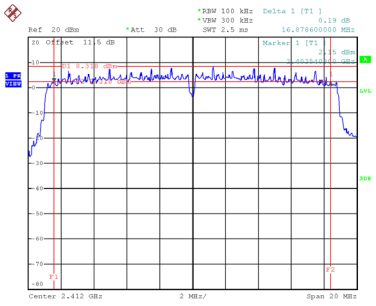


Date: 29.APR.2024 16:00:54

Test Mode	IEEE 802.11n (HT20)_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.879	17.680	0.5	Complies
06	2437	17.200	21.440	0.5	Complies
11	2462	17.600	21.440	0.5	Complies

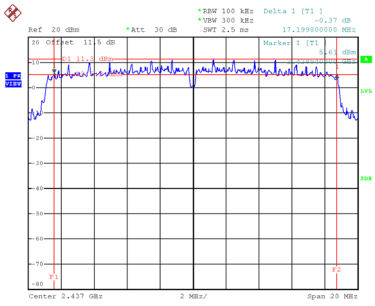
CH01



Date: 29.APR.2024 16:20:20

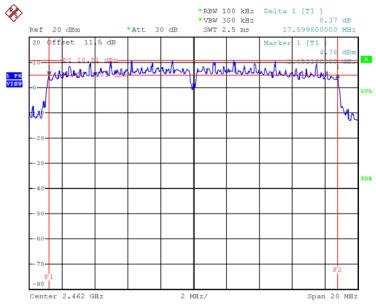
CH06

6 dB Bandwidth

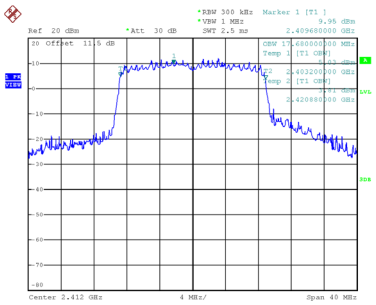


Date: 29.APR.2024 16:24:25

CH11

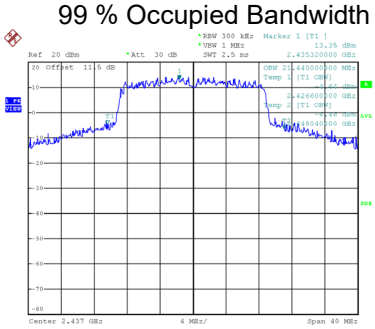


Date: 29.APR.2024 16:26:18

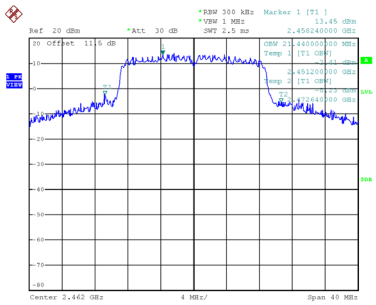


Date: 29.APR.2024 16:20:29

99 % Occupied Bandwidth



Date: 29.APR.2024 16:24:34

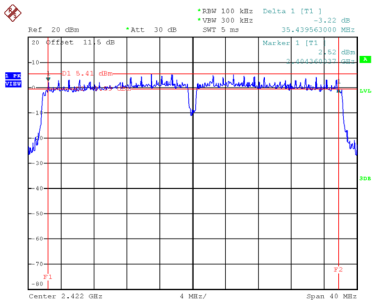


Date: 29.APR.2024 16:26:27

Test Mode	IEEE 802.11n (HT40)_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	35.440	36.640	0.5	Complies
06	2437	36.080	36.480	0.5	Complies
09	2452	35.750	36.640	0.5	Complies

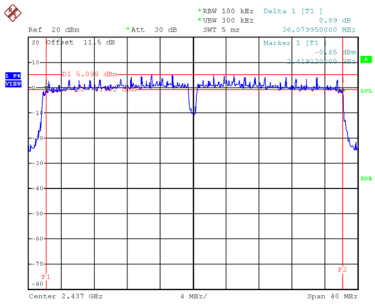
CH03



Date: 29.APR.2024 16:37:43

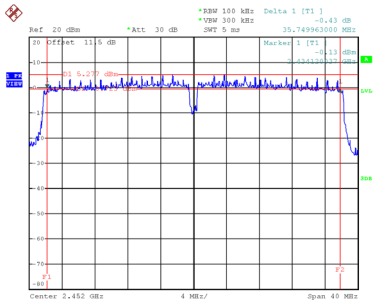
CH06

6 dB Bandwidth



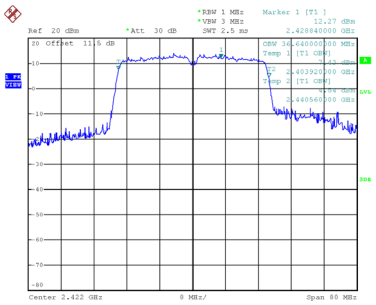
Date: 29.APR.2024 18:21:45

CH09

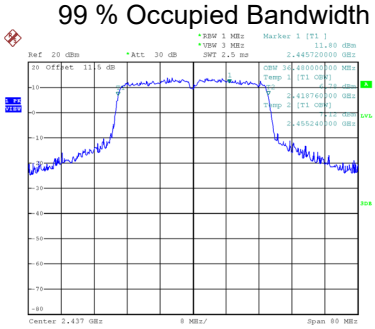


Date: 29.APR.2024 18:23:56

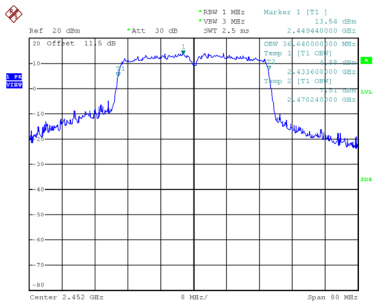
99 % Occupied Bandwidth



Date: 29.APR.2024 18:15:30



Date: 29.APR.2024 18:21:54

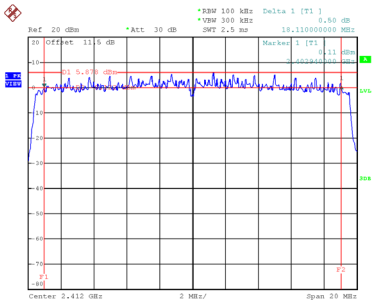


Date: 29.APR.2024 18:24:05

Test Mode	IEEE 802.11ax (HE20)_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	18.110	18.880	0.5	Complies
06	2437	18.100	21.040	0.5	Complies
11	2462	18.118	18.880	0.5	Complies

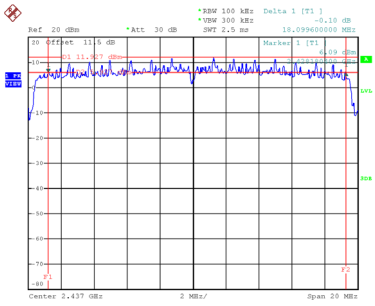
CH01



Date: 29.APR.2024 18:41:02

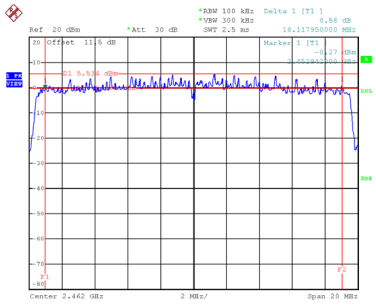
CH06

6 dB Bandwidth

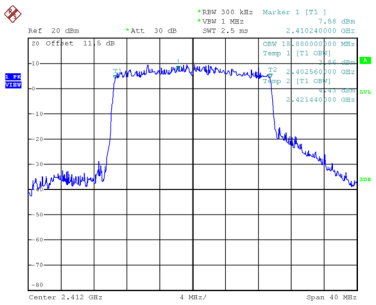


Date: 29.APR.2024 18:43:01

CH11

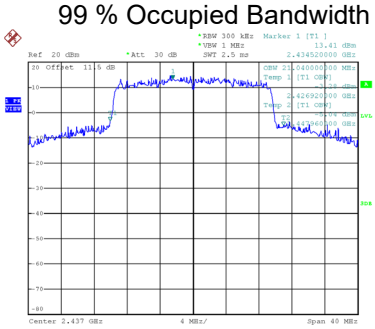


Date: 29.APR.2024 18:47:00

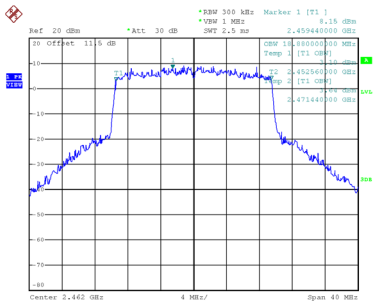


Date: 29.APR.2024 18:41:13

99 % Occupied Bandwidth



Date: 29.APR.2024 18:43:11

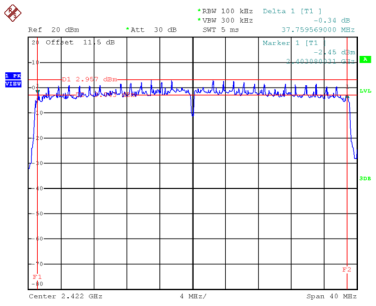


Date: 29.APR.2024 18:47:09

Test Mode	IEEE 802.11ax (HE40)_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	37.760	38.080	0.5	Complies
06	2437	37.770	38.240	0.5	Complies
09	2452	37.800	38.400	0.5	Complies

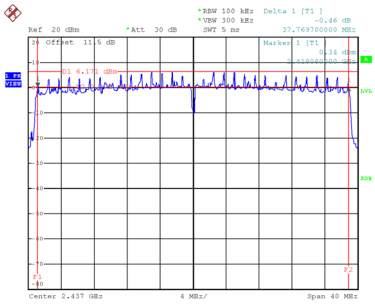
CH03



Date: 29.APR.2024 18:49:33

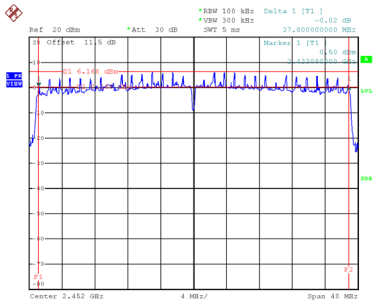
CH06

6 dB Bandwidth

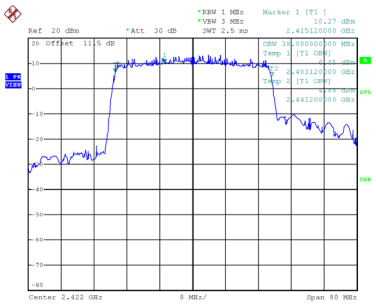


Date: 30.APR.2024 15:01:34

CH09

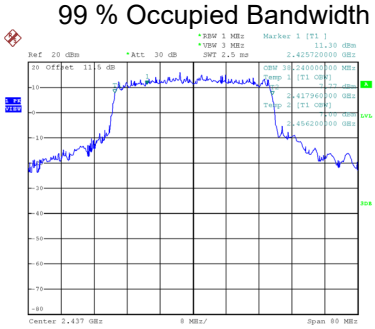


Date: 30.APR.2024 15:05:06

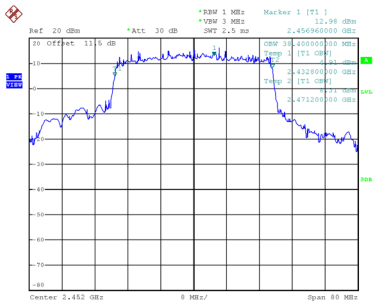


Date: 29.APR.2024 18:49:42

99 % Occupied Bandwidth



Date: 30.APR.2024 15:01:43

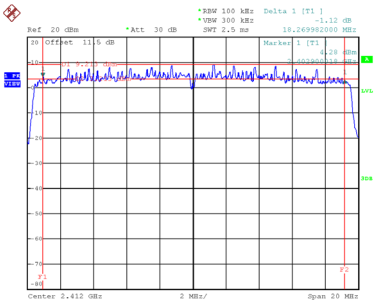


Date: 30.APR.2024 15:05:15

Test Mode	IEEE 802.11be (EHT20)_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	18.270	18.960	0.5	Complies
06	2437	18.070	19.120	0.5	Complies
11	2462	18.100	18.880	0.5	Complies

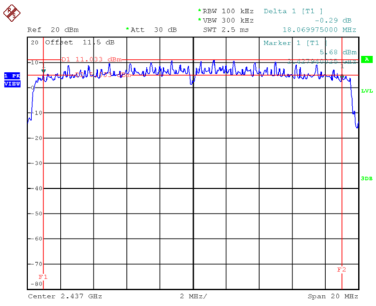
CH01



Date: 30.APR.2024 15:18:08

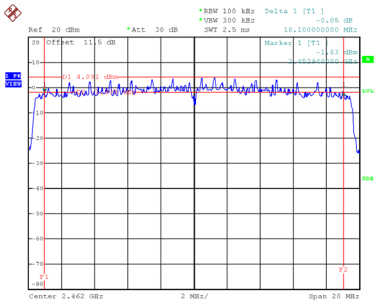
CH06

6 dB Bandwidth

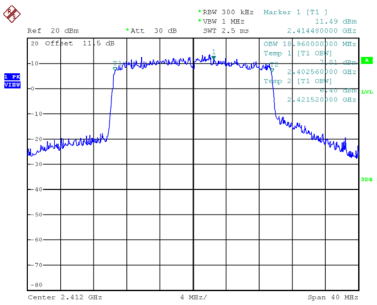


Date: 30.APR.2024 15:21:37

CH11

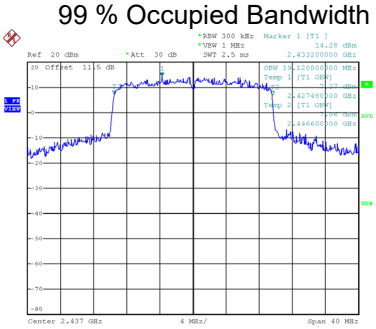


Date: 30.APR.2024 15:23:14

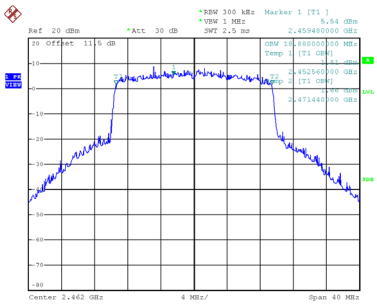


Date: 30.APR.2024 15:18:17

99 % Occupied Bandwidth



Date: 30.APR.2024 15:21:46

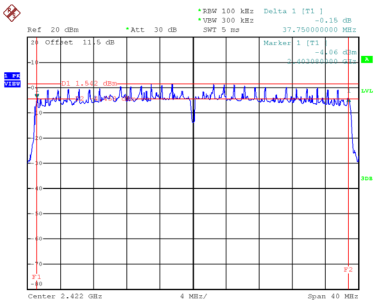


Date: 30.APR.2024 15:23:23

Test Mode	IEEE 802.11be (EHT40)_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	37.750	38.080	0.5	Complies
06	2437	37.750	38.080	0.5	Complies
09	2452	37.750	38.080	0.5	Complies

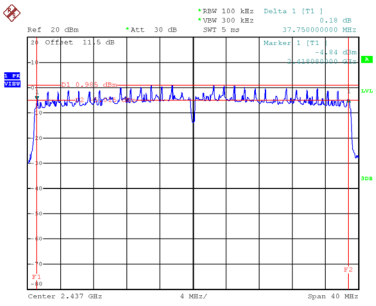
CH03



Date: 30.APR.2024 15:26:33

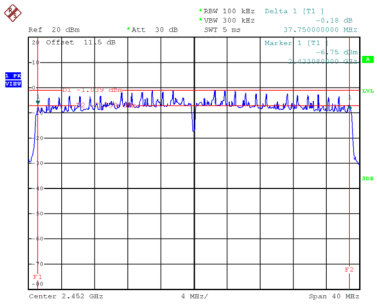
CH06

6 dB Bandwidth



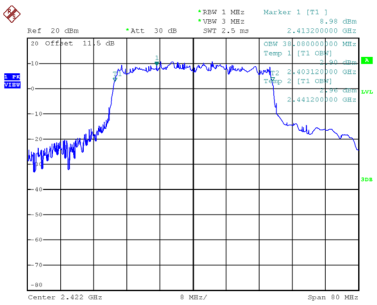
Date: 30.APR.2024 15:40:22

CH09

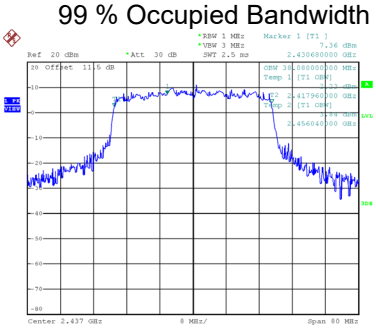


Date: 30.APR.2024 15:42:02

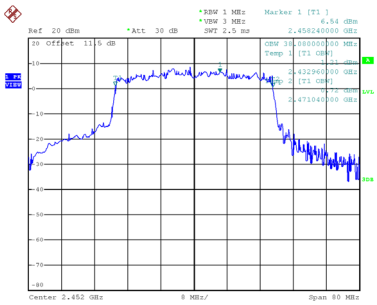
99 % Occupied Bandwidth



Date: 30.APR.2024 15:26:41



Date: 30.APR.2024 15:40:31



Date: 30.APR.2024 15:42:11

APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_ Ant 1	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.73	0.00	21.73	30.00	1.0000	Complies
06	2437	22.98	0.00	22.98	30.00	1.0000	Complies
11	2462	21.50	0.00	21.50	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_ Ant 2	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.73	0.00	21.73	30.00	1.0000	Complies
06	2437	22.98	0.00	22.98	30.00	1.0000	Complies
11	2462	21.50	0.00	21.50	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Total	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.07	30.00	1.0000	Complies
06	2437	26.09	30.00	1.0000	Complies
11	2462	24.73	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_ Ant 1	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.78	0.15	19.93	30.00	1.0000	Complies
06	2437	23.18	0.15	23.33	30.00	1.0000	Complies
11	2462	19.76	0.15	19.91	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_ Ant 2	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.05	0.15	20.20	30.00	1.0000	Complies
06	2437	23.40	0.15	23.55	30.00	1.0000	Complies
11	2462	19.40	0.15	19.55	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Total	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	23.07	30.00	1.0000	Complies
06	2437	26.45	30.00	1.0000	Complies
11	2462	22.74	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_ Ant 1	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.02	0.18	17.20	30.00	1.0000	Complies
06	2437	23.25	0.18	23.43	30.00	1.0000	Complies
11	2462	17.05	0.18	17.23	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_ Ant 2	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.11	0.18	17.29	30.00	1.0000	Complies
06	2437	23.36	0.18	23.54	30.00	1.0000	Complies
11	2462	16.64	0.18	16.82	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.25	30.00	1.0000	Complies
06	2437	26.49	30.00	1.0000	Complies
11	2462	20.04	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_ Ant 1	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	13.94	0.35	14.29	30.00	1.0000	Complies
06	2437	23.29	0.35	23.64	30.00	1.0000	Complies
09	2452	15.75	0.35	16.10	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_ Ant 2	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	13.96	0.35	14.31	30.00	1.0000	Complies
06	2437	23.19	0.35	23.54	30.00	1.0000	Complies
09	2452	15.24	0.35	15.59	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	17.31	30.00	1.0000	Complies
06	2437	26.60	30.00	1.0000	Complies
09	2452	18.87	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_ Ant 1	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.23	0.11	15.34	30.00	1.0000	Complies
06	2437	23.07	0.11	23.18	30.00	1.0000	Complies
11	2462	15.82	0.11	15.93	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_ Ant 2	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.26	0.11	15.37	30.00	1.0000	Complies
06	2437	22.88	0.11	22.99	30.00	1.0000	Complies
11	2462	15.32	0.11	15.43	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.36	30.00	1.0000	Complies
06	2437	26.09	30.00	1.0000	Complies
11	2462	18.69	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_ Ant 1	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	18.16	0.32	18.48	30.00	1.0000	Complies
06	2437	22.78	0.32	23.10	30.00	1.0000	Complies
09	2452	15.10	0.32	15.42	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_ Ant 2	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	17.26	0.32	17.58	30.00	1.0000	Complies
06	2437	22.64	0.32	22.96	30.00	1.0000	Complies
09	2452	14.58	0.32	14.90	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_Total	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	21.07	30.00	1.0000	Complies
06	2437	26.04	30.00	1.0000	Complies
09	2452	18.18	30.00	1.0000	Complies

Test Mode	IEEE 802.11be (EHT20)_ Ant 1	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.77	0.13	15.90	30.00	1.0000	Complies
06	2437	23.01	0.13	23.14	30.00	1.0000	Complies
11	2462	15.79	0.13	15.92	30.00	1.0000	Complies

Test Mode	IEEE 802.11be (EHT20)_ Ant 2	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.83	0.13	15.96	30.00	1.0000	Complies
06	2437	22.89	0.13	23.02	30.00	1.0000	Complies
11	2462	15.35	0.13	15.48	30.00	1.0000	Complies

Test Mode	IEEE 802.11be (EHT20)_Total	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.94	30.00	1.0000	Complies
06	2437	26.09	30.00	1.0000	Complies
11	2462	18.71	30.00	1.0000	Complies

Test Mode	IEEE 802.11be (EHT40)_ Ant 1	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.19	0.28	15.47	30.00	1.0000	Complies
06	2437	22.91	0.28	23.19	30.00	1.0000	Complies
09	2452	14.92	0.28	15.20	30.00	1.0000	Complies

Test Mode	IEEE 802.11be (EHT40)_ Ant 2	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.22	0.28	15.50	30.00	1.0000	Complies
06	2437	22.78	0.28	23.06	30.00	1.0000	Complies
09	2452	14.48	0.28	14.76	30.00	1.0000	Complies

Test Mode	IEEE 802.11be (EHT40)_Total	Tested Date	2024/4/27

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	18.50	30.00	1.0000	Complies
06	2437	26.14	30.00	1.0000	Complies
09	2452	18.00	30.00	1.0000	Complies

APPENDIX F POWER SPECTRAL DENSITY