FCC Radio Test Report

FCC ID: 2AIMRRN09

Report No.	:	BTL-FCCP-2-2410C004
Equipment	:	Xiaomi Mesh System BE3600 Pro
Model Name	:	RN09
Brand Name	:	Xiaomi
Applicant	:	Beijing Xiaomi Electronics Co., Ltd.
Address	:	Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China.
Manufacturer	:	Beijing Xiaomi Electronics Co., Ltd.
Address	:	Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China.
Factory	:	AZROAD (Zhongshan) Technology Company Limited
Address	:	(Factory Building 2), No.39 Jinchang Industrial Road, West District, Zhongshan City,Guangdong Province, China
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	:	2024/12/11
Date of Test	:	2024/12/11 ~ 2025/1/17
Issued Date	:	2025/1/23

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

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Declaration

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

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

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

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2410C004	R00	Original Report.	2025/1/23	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	------
15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C	Pass	------
15.247(a)	Bandwidth	APPENDIX D	Pass	------
15.247(b)	Output Power	APPENDIX E	Pass	------
15.247(e)	Power Spectral Density	APPENDIX F	Pass	------
15.247(d)	Antenna conducted Spurious Emission	APPENDIX G	Pass	------
15.203	Antenna Requirement	------	Pass	**NOTE (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. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
☒ CB20 ☒ TR01 ☒ C01

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)
C01	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	0.83 %
Output power	0.8909 dB
Power Spectral Density	0.8903 dB
Conducted Spurious emissions	1.8304 dB
Conducted Band edges	1.8338 dB

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

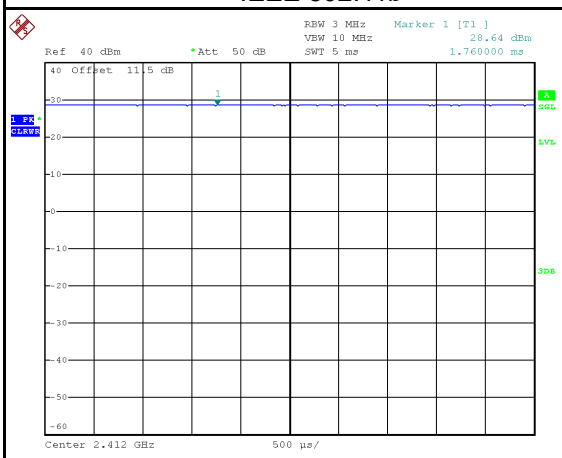
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	AC 120 V	Benny Cao
Radiated emissions below 1 GHz	25°C, 65%	AC 120 V	Benny Cao
Radiated emissions above 1 GHz	25°C, 65%	AC 120 V	Benny Cao
Bandwidth	25°C, 55%	AC 120 V	Cheng Tsai
Output Power	25°C, 55%	AC 120 V	Cheng Tsai
Power Spectral Density	25°C, 55%	AC 120 V	Cheng Tsai
Antenna conducted Spurious Emission	25°C, 55%	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	1.760	1	1.760	1.760	100.00%	0.00
IEEE 802.11g	1.984	1	1.984	2.000	99.20%	0.00
IEEE 802.11n (HT20)	4.220	1	4.220	4.220	100.00%	0.00
IEEE 802.11n (HT40)	2.340	1	2.340	2.340	100.00%	0.00
IEEE 802.11ax (HE20)	4.020	1	4.020	4.020	100.00%	0.00
IEEE 802.11ax (HE40)	3.740	1	3.740	3.740	100.00%	0.00
IEEE 802.11be (EHT20)	1.790	1	1.790	1.790	100.00%	0.00
IEEE 802.11be (EHT40)	4.410	1	4.410	4.410	100.00%	0.00

IEEE 802.11b



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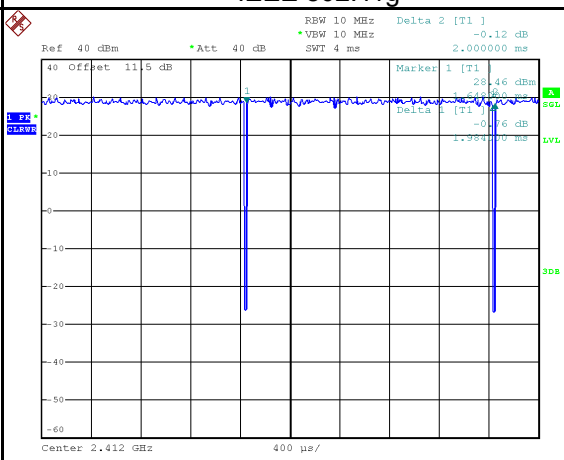
IEEE 802.11g



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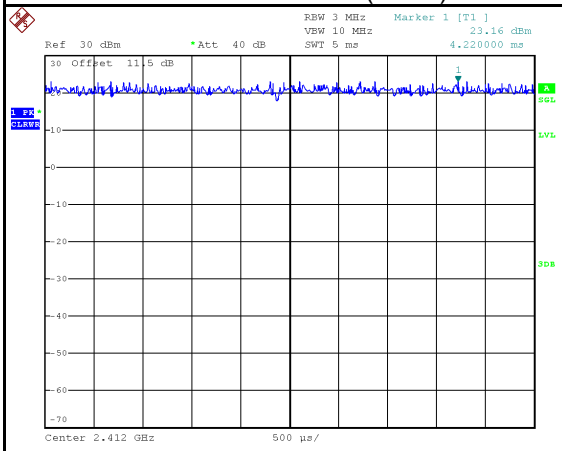
IEEE 802.11n (HT20)



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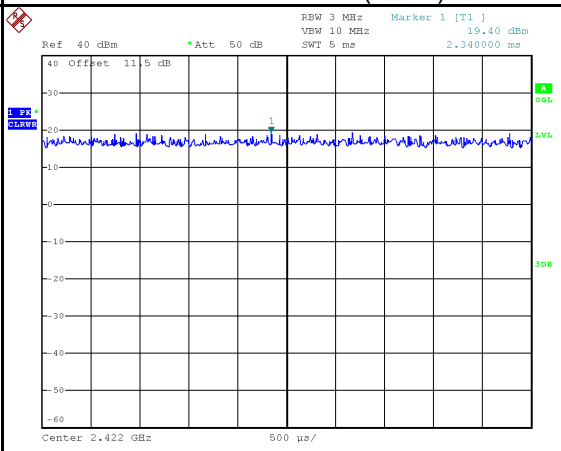
IEEE 802.11n (HT40)



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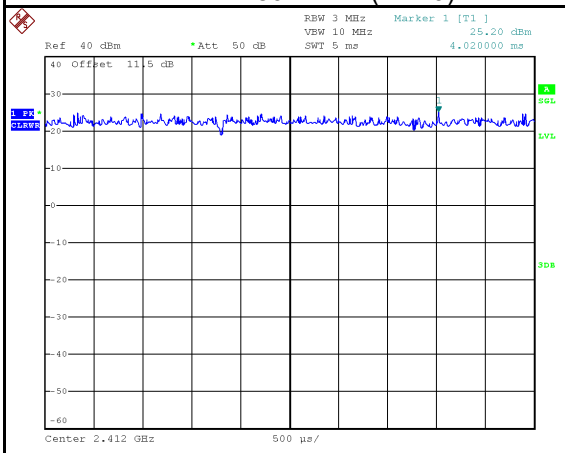
IEEE 802.11ax (HE20)



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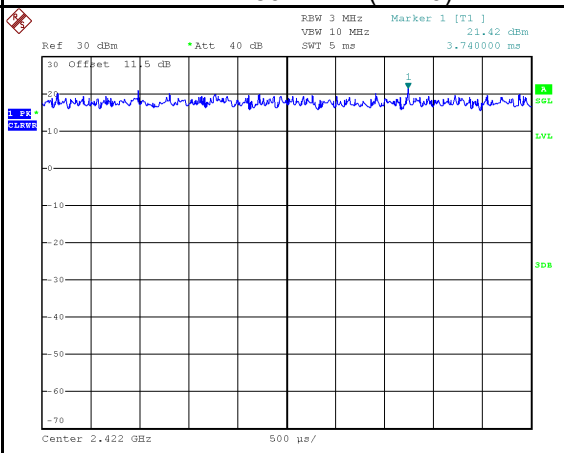
IEEE 802.11ax (HE40)



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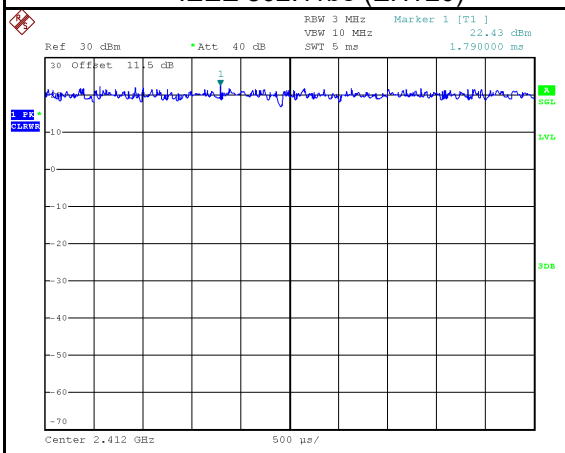
IEEE 802.11be (EHT20)



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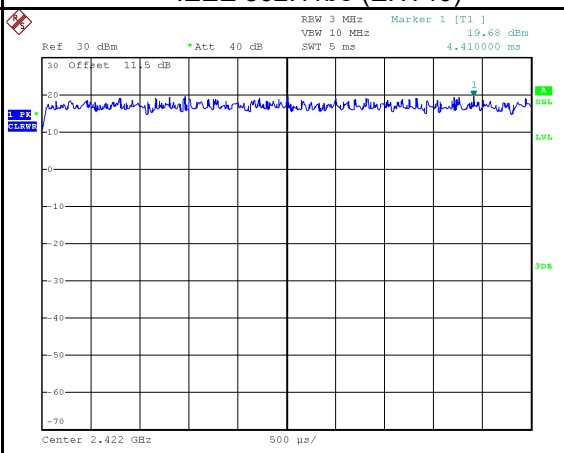
IEEE 802.11be (EHT40)



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2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Xiaomi Mesh System BE3600 Pro
Brand Name	Xiaomi
Model Name	RN09
Model Difference	N/A
Hardware Version	1.0
Software Version	1.0.1
Power Source	DC Voltage supplied from AC adapter. Model: ADS-18MC-1212018EPCU
Power Rating	I/P:100-240V ~ 50/60Hz 0.6A O/P:12.0V⎓1.5A
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 802.11g: 27.01 dBm (0.5023 W)
Test Model	RN09
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	South star	NR01	PCB	IPEX	5.92
2	South star	NR01	PCB	IPEX	6.18

NOTE:

a) This EUT supports CDD(except the IEEE 802.11b and g mode), and all antenna gains are not equal, Directional gain = G_{ANT}+Array Gain. For power measurements, Array Gain=0dB (N_{ANT}≤4), so the Directional gain=6.18.Then, the power limit is 30-(6.18-6)=29.82.
For power spectral density measurements, N_{ANT}=2, N_{SS} = 1.
So the Directional gain=G_{ANT}+Array Gain=G_{ANT}+10log(N_{ANT}/ N_{SS})dBi=6.18+10log(2/1)dBi=9.19.
Then, the power spectral density limit is 8-(9.19-6)=4.81.

b) Beamforming gain: 3 dB. The the Directional gain=6.18+3=9.19 dB.

(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	1TX	2TX
IEEE 802.11b	V (Ant. 1)	-
IEEE 802.11g	V (Ant. 1)	-
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)

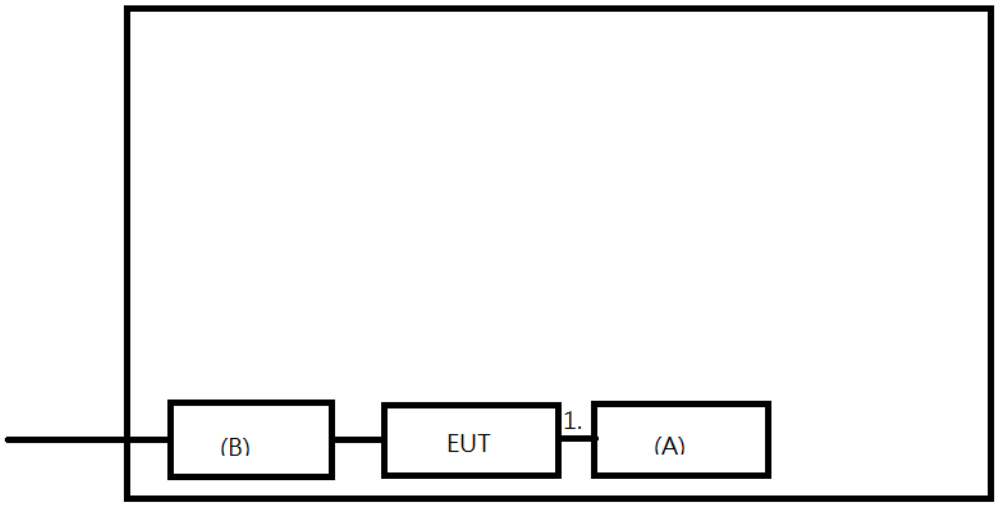
2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11g	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 802.11g	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 (Vertical) 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 G Mode Channel 06 is found to be the worst case and recorded.
(4) For radiated emission Harmonic above 18GHz test, only tested the worst case and recorded.
(5) The electric field intensity signal emitted at 9 kHz kHz - 30 MHz is too weak (20 dB below the limit), so the measured value is not recorded in this report.
(6) The Output Power of the Beamforming mode will be lower than that of the non-Beamforming mode. Only non-Beamforming mode will be evaluated and recorded in the report.

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.



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.
B	Adapter	Xiaomi	ADS-18MC-1212018 EPCU	N/A	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	RJ45 Cable	N	1m	N	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

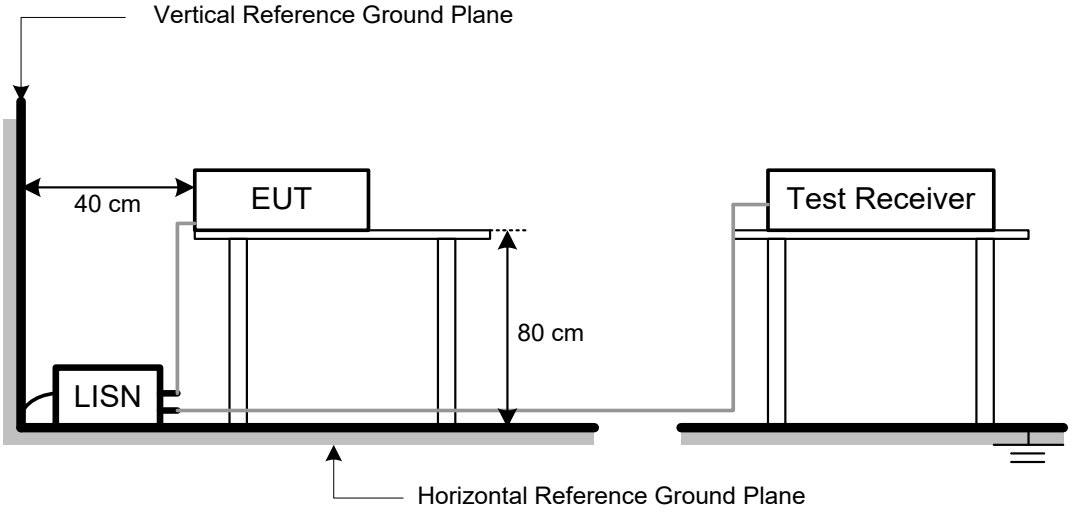
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.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

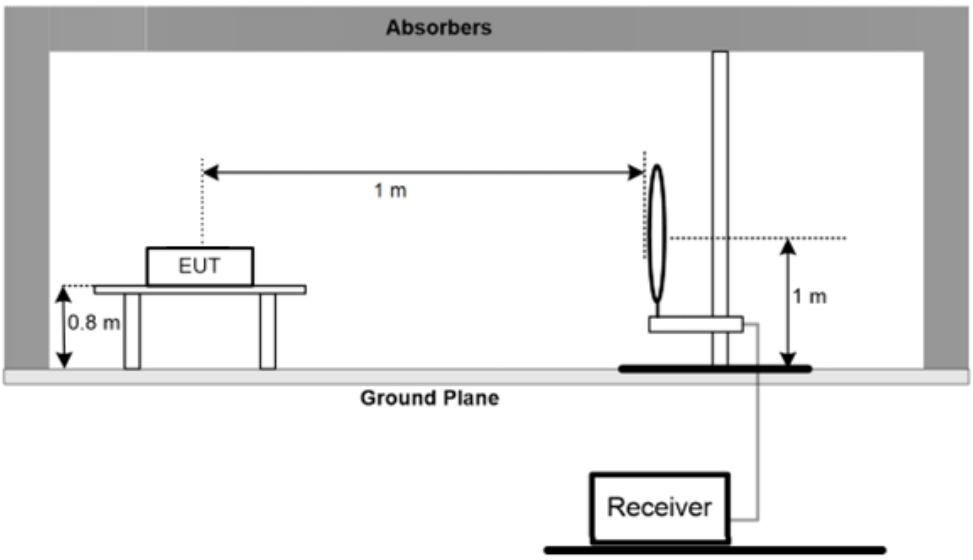
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

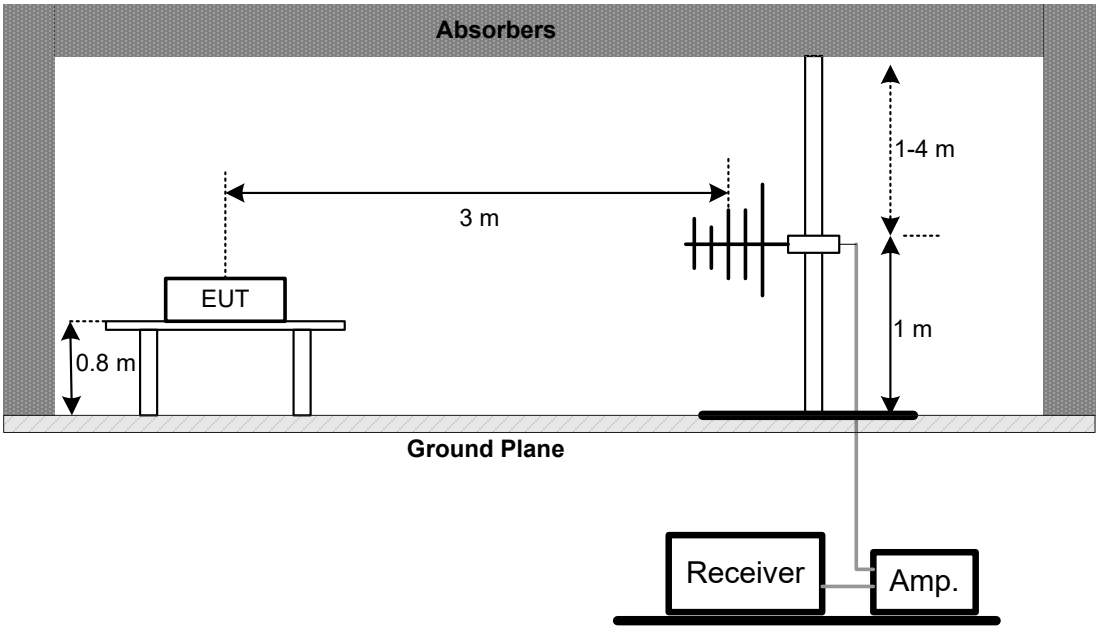
No deviation.

4.4 TEST SETUP

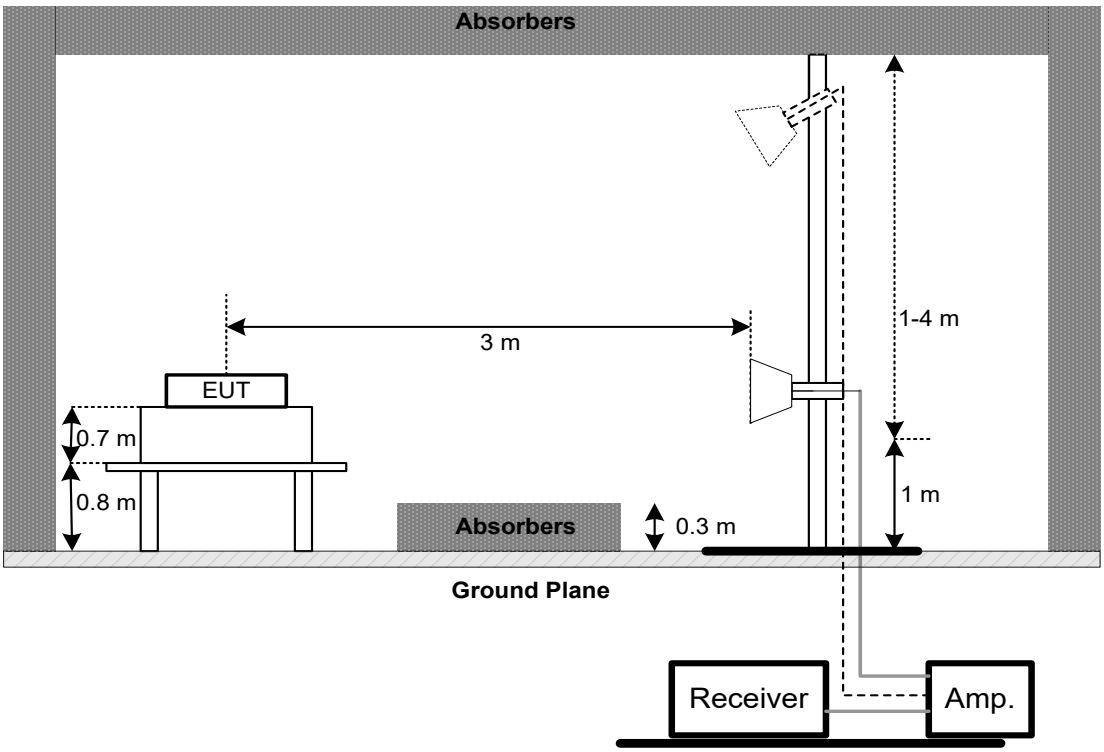
9 kHz to 30 MHz



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

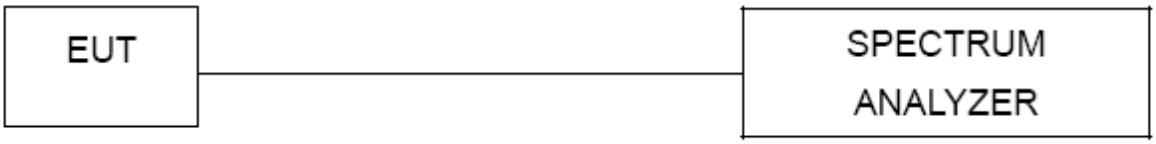
5.2 TEST PROCEDURE

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

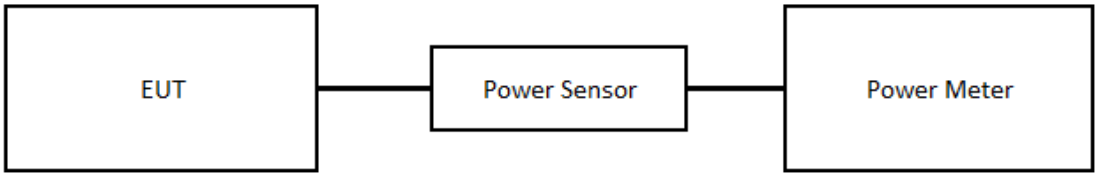
6.2 TEST PROCEDURE

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)

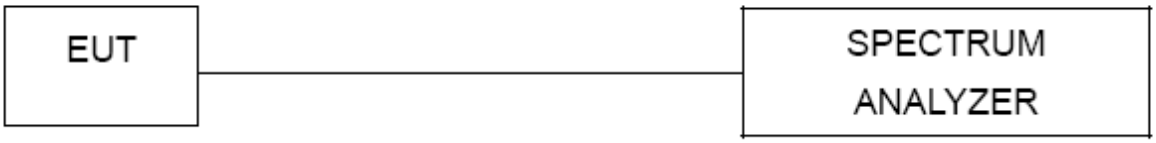
7.2 TEST PROCEDURE

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.

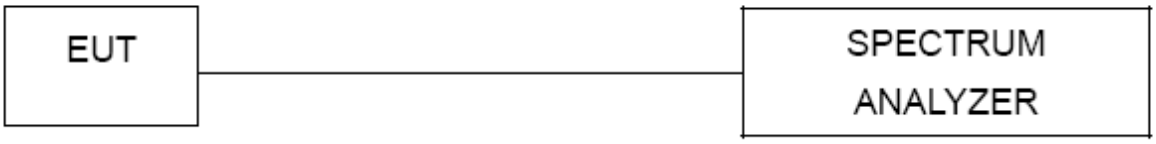
8.2 TEST PROCEDURE

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	2024/6/26	2025/6/25
2	Test Cable	EMCI	EMCRG58-BM-BM-9000	210501	2024/12/10	2025/12/9
3	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
4	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions – For test date: 2024/12/14-2024/12/23						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Pre-Amplifier	EMCI	EMC184045SE	980512	2024/12/10	2025/12/9
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2024/6/27	2025/6/26
3	Test Cable	EMCI	EMC102-KM-KM-1000	220328	2024/12/10	2025/12/9
4	Test Cable	EMCI	EMC101G-KM-KM-3000	220330	2024/12/10	2025/12/9
5	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2024/1/10	2025/1/9
6	Pre-Amplifier	EMCI	EMC051845SE	980779	2024/12/10	2025/12/9
7	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2024/12/10	2025/12/9
8	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2024/12/10	2025/12/9
9	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2024/12/10	2025/12/9
10	EXA Spectrum Analyzer	keysight	N9020B	MY59050137	2024/11/24	2025/11/25
11	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2024/12/4	2025/12/3
12	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
13	Pre-Amplifier	EMCI	EMC001330-20201222	980807	2024/12/9	2025/12/8
14	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2024/12/9	2025/12/8
15	Test Cable	EMCI	EMC-CFD-400-NM-NM-8000	200348	2024/12/9	2025/12/8
16	Test Cable	EMCI	EMC-CFD-400-NM-NM-3300	200343	2024/12/9	2025/12/8
17	Loop Ant.	Electro-Metrics	EMCI-LPA600	274	2024/7/5	2025/7/4
18	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
19	Pre-Amplifier	EMCI	EMC001340	980555	2024/12/1	2025/11/30

Radiated Emissions – For test date: 2025/1/10						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Pre-Amplifier	EMCI	EMC184045SE	980512	2024/12/10	2025/12/9
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2024/6/27	2025/6/26
3	Test Cable	EMCI	EMC102-KM-KM-1000	220328	2024/12/10	2025/12/9
4	Test Cable	EMCI	EMC101G-KM-KM-3000	220330	2024/12/10	2025/12/9
5	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2025/1/9	2026/1/8
6	Pre-Amplifier	EMCI	EMC051845SE	980779	2024/12/10	2025/12/9
7	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2024/12/10	2025/12/9
8	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2024/12/10	2025/12/9
9	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2024/12/10	2025/12/9
10	EXA Spectrum Analyzer	keysight	N9020B	MY59050137	2024/11/24	2025/11/25
11	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2024/12/4	2025/12/3
12	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
13	Pre-Amplifier	EMCI	EMC001330-20201222	980807	2024/12/9	2025/12/8
14	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2024/12/9	2025/12/8
15	Test Cable	EMCI	EMC-CFD-400-NM-NM-8000	200348	2024/12/9	2025/12/8
16	Test Cable	EMCI	EMC-CFD-400-NM-NM-3300	200343	2024/12/9	2025/12/8
17	Loop Ant.	Electro-Metrics	EMCI-LPA600	274	2024/7/5	2025/7/4
18	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
19	Pre-Amplifler	EMCI	EMC001340	980555	2024/12/1	2025/11/30

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	BTL-ConducredTest	BTL	1247788684	N/A	N/A	N/A

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	USB Peak Power Sensor	Anritsu	MA24408A	12589	2024/10/25	2025/10/24
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	Measurement Software	Anritsu	MA2440A Peak Power analyzer(Ver1.1.0.0)	N/A	N/A	N/A

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	BTL-ConducredTest	BTL	1247788684	N/A	N/A	N/A

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	BTL-ConducredTest	BTL	1247788684	N/A	N/A	N/A

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

10 EUT TEST PHOTO

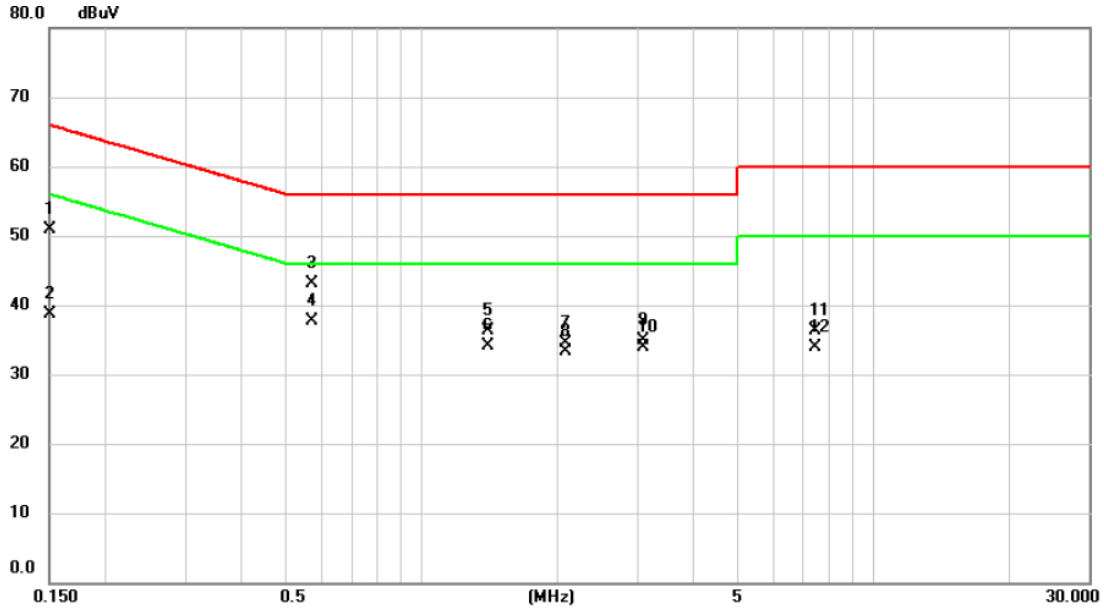
Please refer to document Appendix No.: TP-2410C004-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2410C004-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

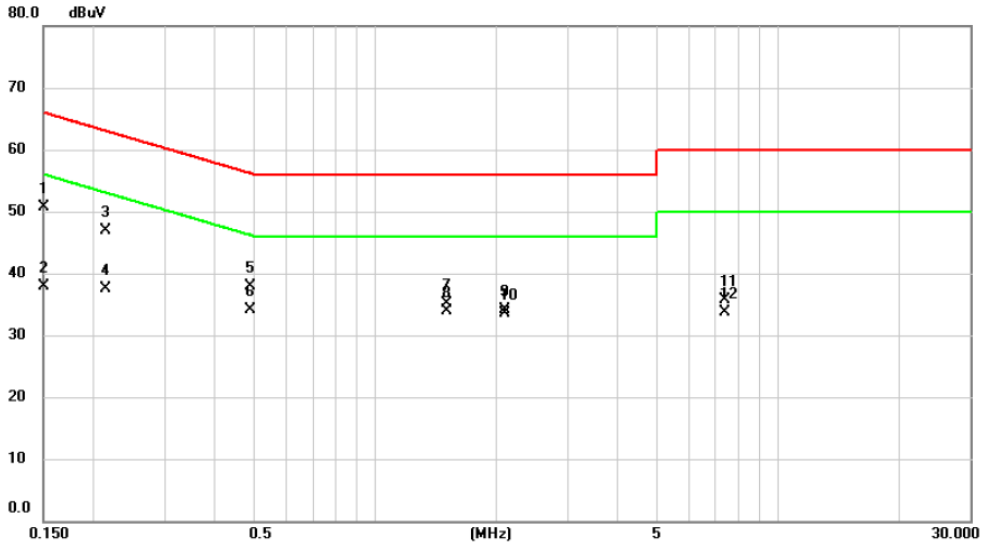
Test Mode	Normal	Tested Date	2024/12/24
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	41.28	9.65	50.93	66.00	-15.07	QP	
2		0.1500	29.05	9.65	38.70	56.00	-17.30	AVG	
3		0.5720	33.51	9.62	43.13	56.00	-12.87	QP	
4	*	0.5720	27.99	9.62	37.61	46.00	-8.39	AVG	
5		1.4000	26.71	9.66	36.37	56.00	-19.63	QP	
6		1.4000	24.39	9.66	34.05	46.00	-11.95	AVG	
7		2.0840	24.79	9.72	34.51	56.00	-21.49	QP	
8		2.0840	23.64	9.72	33.36	46.00	-12.64	AVG	
9		3.0875	25.11	9.76	34.87	56.00	-21.13	QP	
10		3.0875	24.10	9.76	33.86	46.00	-12.14	AVG	
11		7.4250	26.37	9.90	36.27	60.00	-23.73	QP	
12		7.4250	23.99	9.90	33.89	50.00	-16.11	AVG	

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

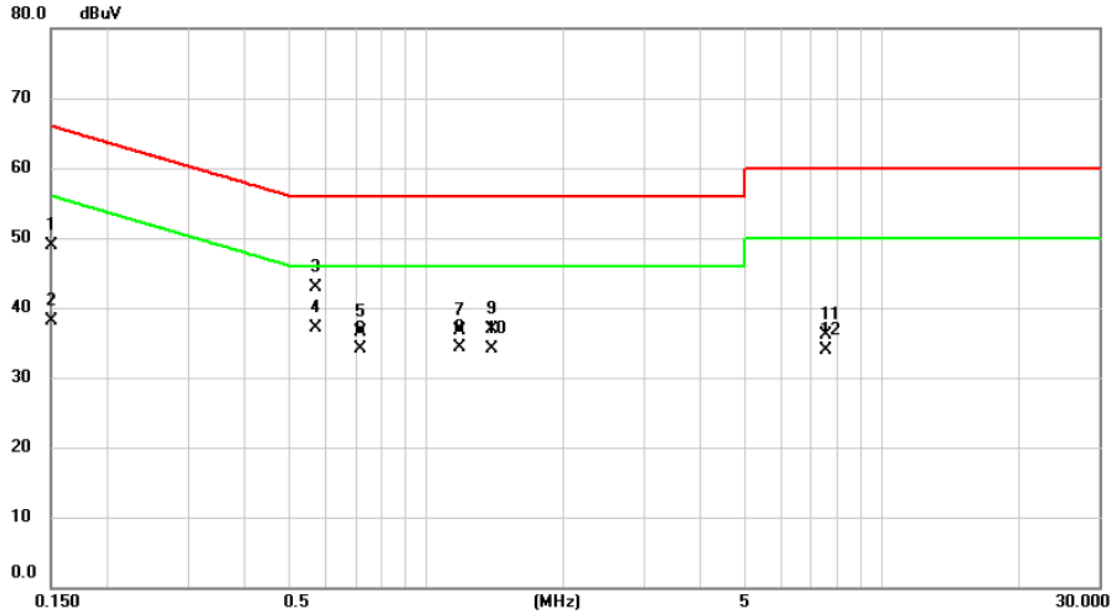
Test Mode	Normal	Tested Date	2024/12/24
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1507	40.99	9.62	50.61	65.96	-15.35	QP	
2		0.1507	28.38	9.62	38.00	55.96	-17.96	AVG	
3		0.2137	37.37	9.62	46.99	63.06	-16.07	QP	
4		0.2137	27.96	9.62	37.58	53.06	-15.48	AVG	
5		0.4906	28.36	9.60	37.96	56.16	-18.20	QP	
6	*	0.4906	24.47	9.60	34.07	46.16	-12.09	AVG	
7		1.5035	25.50	9.67	35.17	56.00	-20.83	QP	
8		1.5035	24.20	9.67	33.87	46.00	-12.13	AVG	
9		2.0930	24.48	9.72	34.20	56.00	-21.80	QP	
10		2.0930	23.69	9.72	33.41	46.00	-12.59	AVG	
11		7.4000	25.73	9.90	35.63	60.00	-24.37	QP	
12		7.4000	23.88	9.90	33.78	50.00	-16.22	AVG	

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

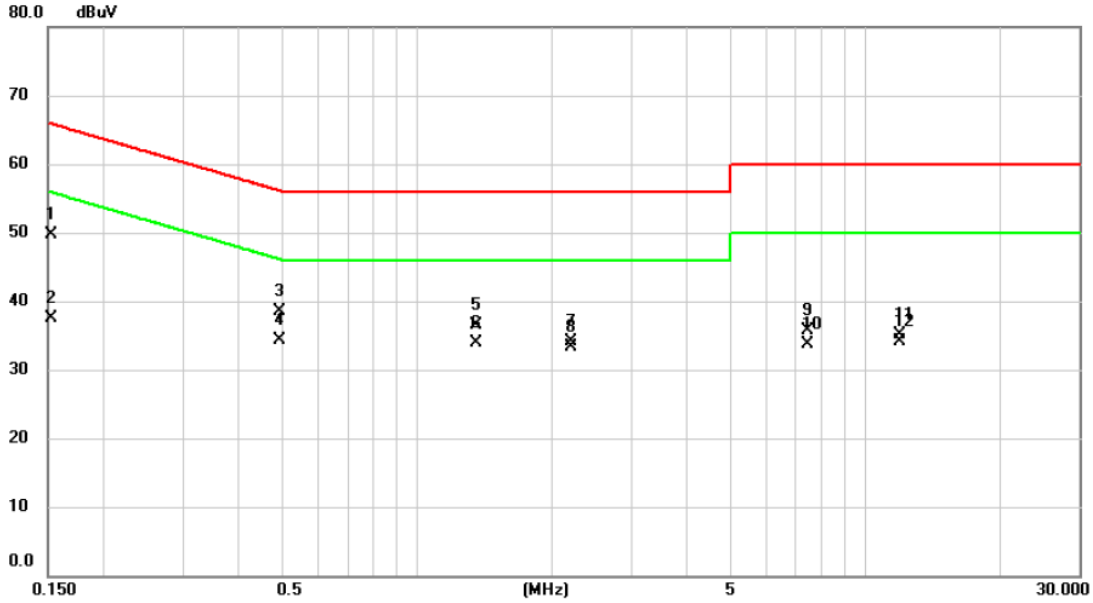
Test Mode	Idle	Tested Date	2024/12/24
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1510	39.35	9.65	49.00	65.94	-16.94	QP	
2		0.1510	28.37	9.65	38.02	55.94	-17.92	AVG	
3		0.5720	33.37	9.62	42.99	56.00	-13.01	QP	
4	*	0.5720	27.58	9.62	37.20	46.00	-8.80	AVG	
5		0.7160	26.92	9.62	36.54	56.00	-19.46	QP	
6		0.7160	24.47	9.62	34.09	46.00	-11.91	AVG	
7		1.1840	27.14	9.63	36.77	56.00	-19.23	QP	
8		1.1840	24.58	9.63	34.21	46.00	-11.79	AVG	
9		1.3955	27.29	9.66	36.95	56.00	-19.05	QP	
10		1.3955	24.47	9.66	34.13	46.00	-11.87	AVG	
11		7.5500	26.27	9.91	36.18	60.00	-23.82	QP	
12		7.5500	23.96	9.91	33.87	50.00	-16.13	AVG	

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

Test Mode	Idle	Tested Date	2024/12/24
Test Frequency	-	Phase	Neutral

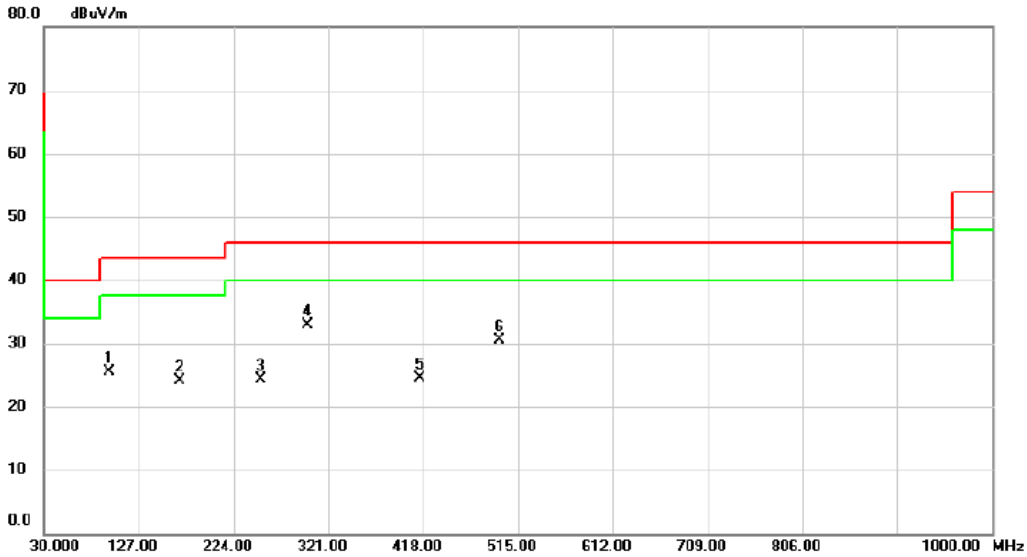


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1524	40.10	9.62	49.72	65.87	-16.15	QP	
2		0.1524	27.82	9.62	37.44	55.87	-18.43	AVG	
3		0.4927	28.94	9.60	38.54	56.12	-17.58	QP	
4	*	0.4927	24.63	9.60	34.23	46.12	-11.89	AVG	
5		1.3505	26.91	9.66	36.57	56.00	-19.43	QP	
6		1.3505	24.26	9.66	33.92	46.00	-12.08	AVG	
7		2.2100	24.39	9.73	34.12	56.00	-21.88	QP	
8		2.2100	23.52	9.73	33.25	46.00	-12.75	AVG	
9		7.4500	25.74	9.90	35.64	60.00	-24.36	QP	
10		7.4500	23.84	9.90	33.74	50.00	-16.26	AVG	
11		11.9250	24.97	10.05	35.02	60.00	-24.98	QP	
12		11.9250	23.97	10.05	34.02	50.00	-15.98	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

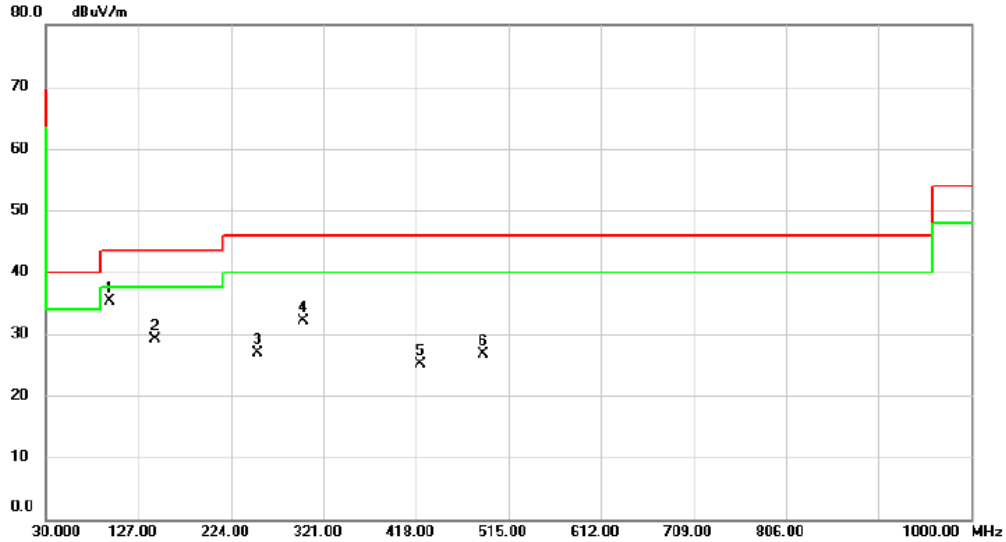
Test Mode	IEEE 802.11g	Test Date	2024/12/14
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		95.9600	42.00	-16.54	25.46	43.50	-18.04	peak	
2		168.7100	35.66	-11.64	24.02	43.50	-19.48	peak	
3		251.1600	36.06	-11.82	24.24	46.00	-21.76	peak	
4	*	299.6600	43.00	-10.00	33.00	46.00	-13.00	peak	
5		414.1200	31.10	-6.69	24.41	46.00	-21.59	peak	
6		495.6000	35.44	-5.02	30.42	46.00	-15.58	peak	

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

Test Mode	IEEE 802.11g	Test Date	2024/12/14
Test Frequency	2437MHz	Polarization	Horizontal

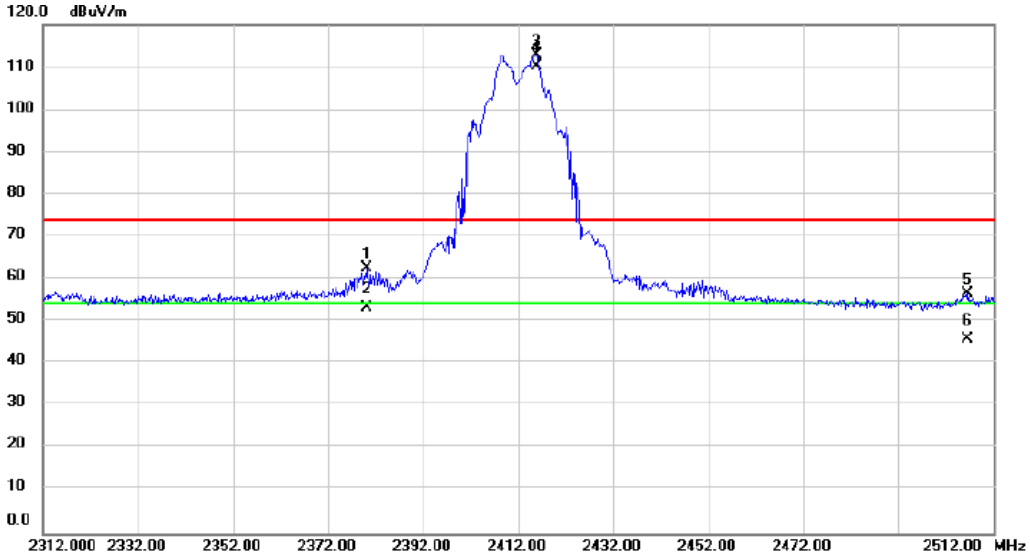


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	96.9300	51.78	-16.44	35.34	43.50	-8.16	peak	
2		144.4600	40.56	-11.55	29.01	43.50	-14.49	peak	
3		252.1300	38.74	-11.79	26.95	46.00	-19.05	peak	
4		299.6600	42.14	-10.00	32.14	46.00	-13.86	peak	
5		421.8800	31.66	-6.47	25.19	46.00	-20.81	peak	
6		488.8100	31.81	-5.15	26.66	46.00	-19.34	peak	

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

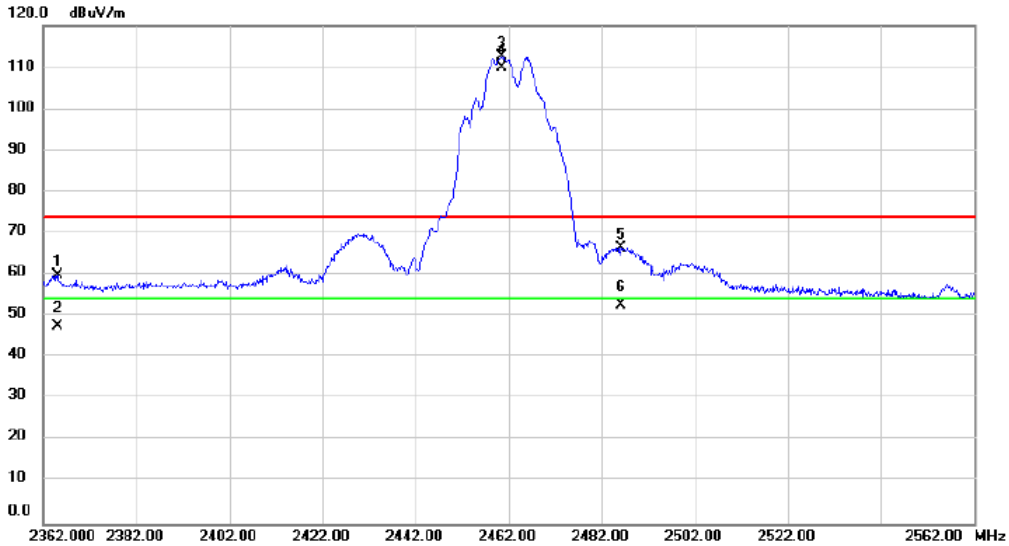
Test Mode	IEEE 802.11b	Test Date	2025/1/10
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2380.200	57.24	5.23	62.47	74.00	-11.53	peak	
2		2380.200	47.96	5.23	53.19	54.00	-0.81	AVG	
3	X	2415.800	107.7	5.29	113.05	74.00	39.05	peak	No Limit
4	*	2415.800	105.0	5.29	110.38	54.00	56.38	AVG	No Limit
5		2506.600	51.00	5.47	56.47	74.00	-17.53	peak	
6		2506.600	40.31	5.47	45.78	54.00	-8.22	AVG	

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

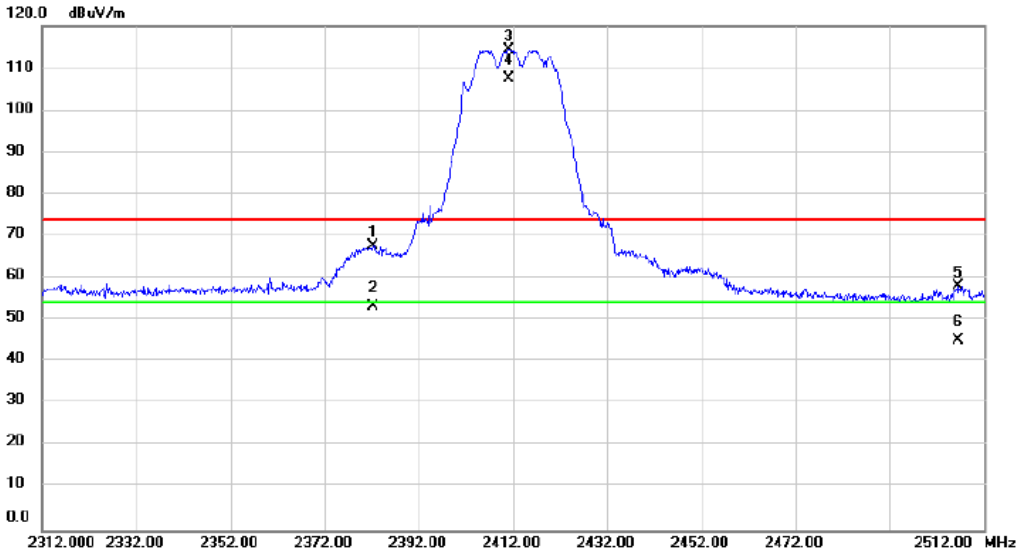
Test Mode	IEEE 802.11b	Test Date	2025/1/10
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2365.000	54.57	5.20	59.77	74.00	-14.23	peak	
2		2365.000	42.36	5.20	47.56	54.00	-6.44	AVG	
3	X	2460.400	107.1	5.36	112.51	74.00	38.51	peak	No Limit
4	*	2460.400	104.5	5.36	109.95	54.00	55.95	AVG	No Limit
5		2486.000	61.09	5.41	66.50	74.00	-7.50	peak	
6		2486.000	47.27	5.41	52.68	54.00	-1.32	AVG	

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

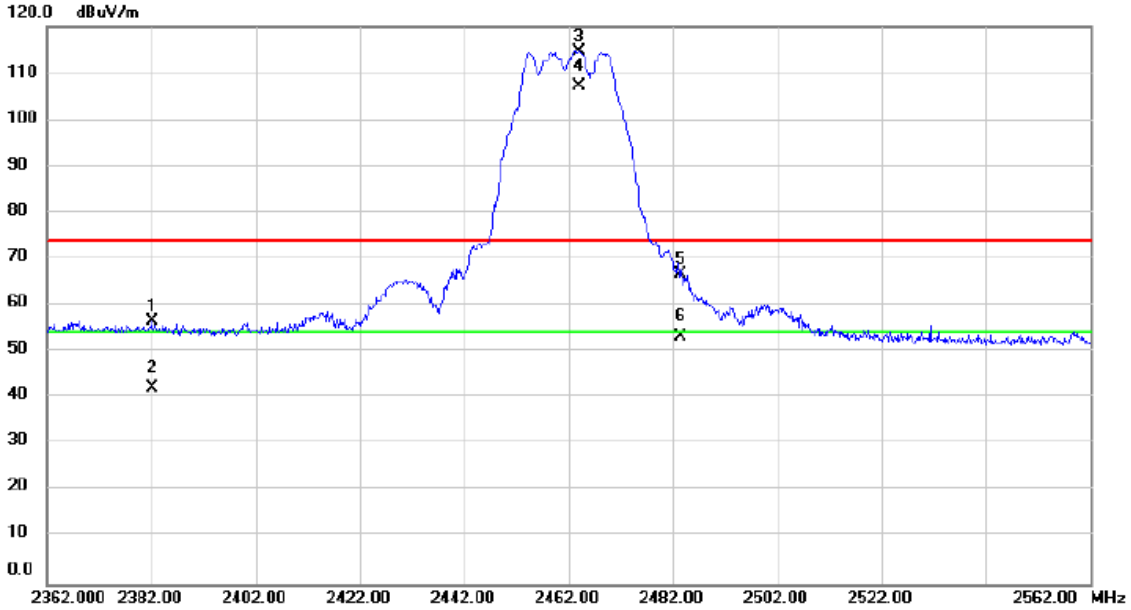
Test Mode	IEEE 802.11g	Test Date	2025/1/10
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2382.200	62.31	5.23	67.54	74.00	-6.46	peak	
2		2382.200	48.09	5.23	53.32	54.00	-0.68	AVG	
3	X	2411.200	109.2	5.28	114.48	74.00	40.48	peak	No Limit
4	*	2411.200	102.4	5.28	107.69	54.00	53.69	AVG	No Limit
5		2506.600	52.72	5.47	58.19	74.00	-15.81	peak	
6		2506.600	39.74	5.47	45.21	54.00	-8.79	AVG	

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

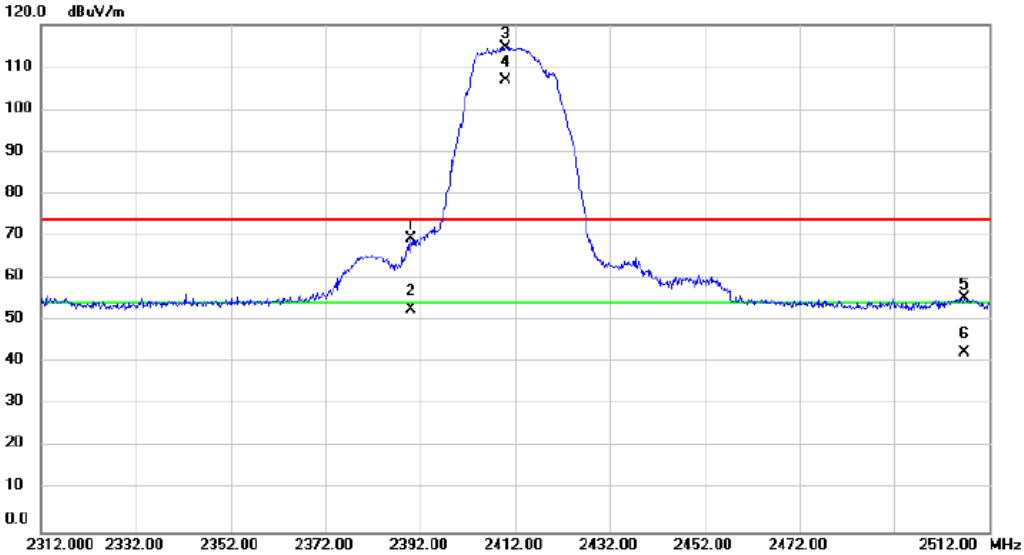
Test Mode	IEEE 802.11g	Test Date	2025/1/10
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2382.000	51.29	5.23	56.52	74.00	-17.48	peak	
2		2382.000	36.84	5.23	42.07	54.00	-11.93	AVG	
3	X	2464.000	109.3	5.38	114.74	74.00	40.74	peak	No Limit
4	*	2464.000	101.8	5.38	107.25	54.00	53.25	AVG	No Limit
5		2483.600	61.23	5.41	66.64	74.00	-7.36	peak	
6		2483.600	47.77	5.41	53.18	54.00	-0.82	AVG	

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

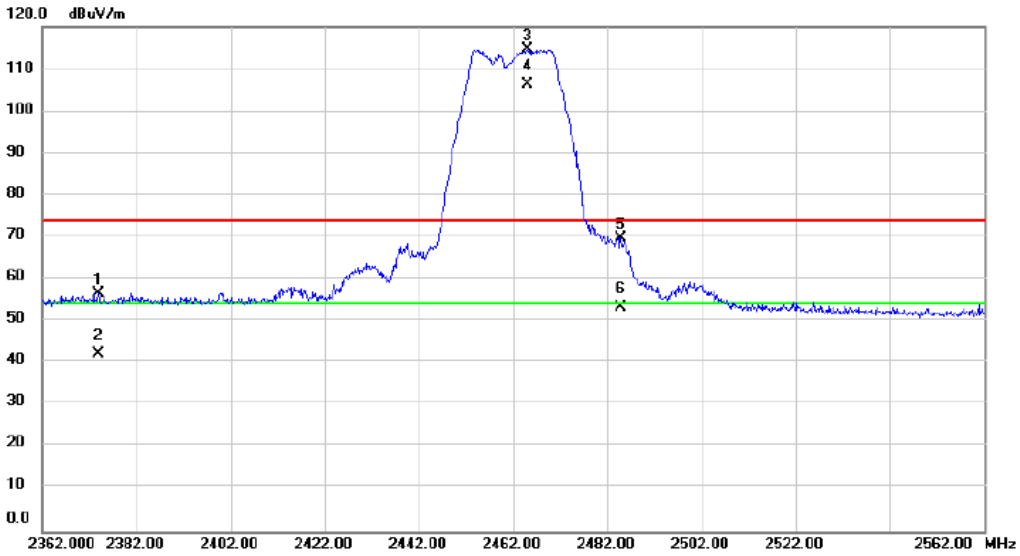
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/1/10
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	64.09	5.24	69.33	74.00	-4.67	peak	
2		2390.000	47.51	5.24	52.75	54.00	-1.25	AVG	
3	X	2410.000	109.4	5.28	114.69	74.00	40.69	peak	No Limit
4	*	2410.000	101.6	5.28	106.97	54.00	52.97	AVG	No Limit
5		2506.800	49.98	5.47	55.45	74.00	-18.55	peak	
6		2506.800	36.84	5.47	42.31	54.00	-11.69	AVG	

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

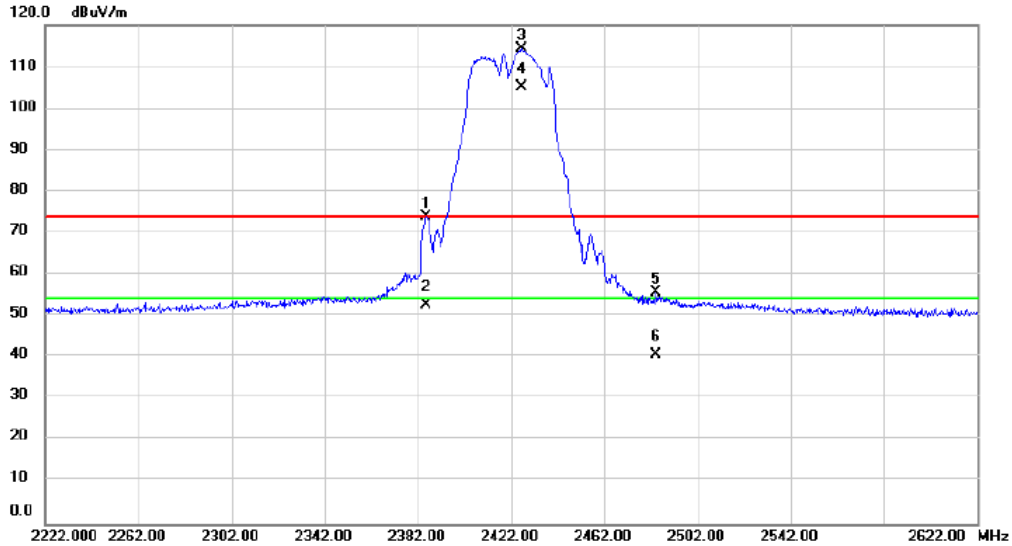
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/1/10
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2373.800	51.40	5.22	56.62	74.00	-17.38	peak	
2		2373.800	36.88	5.22	42.10	54.00	-11.90	AVG	
3	X	2465.000	109.2	5.38	114.61	74.00	40.61	peak	No Limit
4	*	2465.000	100.9	5.38	106.30	54.00	52.30	AVG	No Limit
5		2484.800	64.33	5.41	69.74	74.00	-4.26	peak	
6		2484.800	47.85	5.41	53.26	54.00	-0.74	AVG	

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

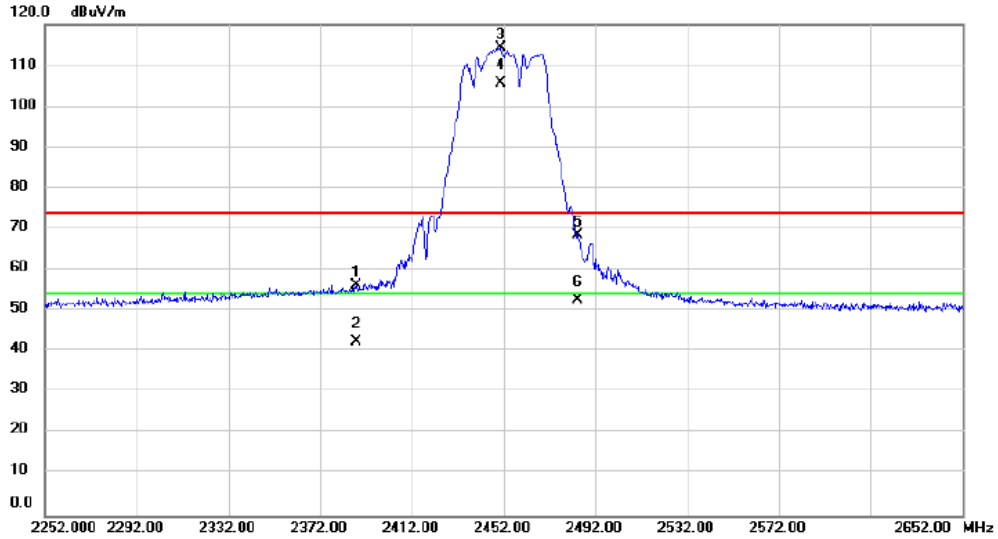
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/1/10
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.600	68.64	5.23	73.87	74.00	-0.13	peak	
2		2385.600	47.47	5.23	52.70	54.00	-1.30	AVG	
3	X	2426.400	109.1	5.30	114.44	74.00	40.44	peak	No Limit
4	*	2426.400	99.85	5.30	105.15	54.00	51.15	AVG	No Limit
5		2484.000	50.11	5.41	55.52	74.00	-18.48	peak	
6		2484.000	35.39	5.41	40.80	54.00	-13.20	AVG	

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

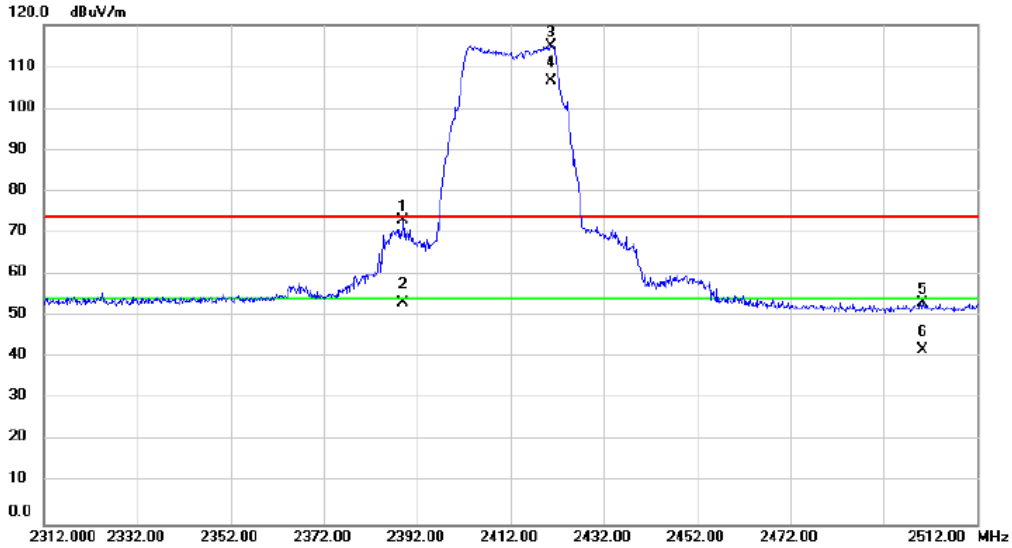
Test Mode	IEEE 802.11n (HT 40)	Test Date	2025/1/10
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.600	51.07	5.24	56.31	74.00	-17.69	peak	
2		2387.600	37.13	5.24	42.37	54.00	-11.63	AVG	
3	X	2450.400	109.1	5.35	114.47	74.00	40.47	peak	No Limit
4	*	2450.400	100.3	5.35	105.67	54.00	51.67	AVG	No Limit
5		2484.000	63.22	5.41	68.63	74.00	-5.37	peak	
6		2484.000	47.25	5.41	52.66	54.00	-1.34	AVG	

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

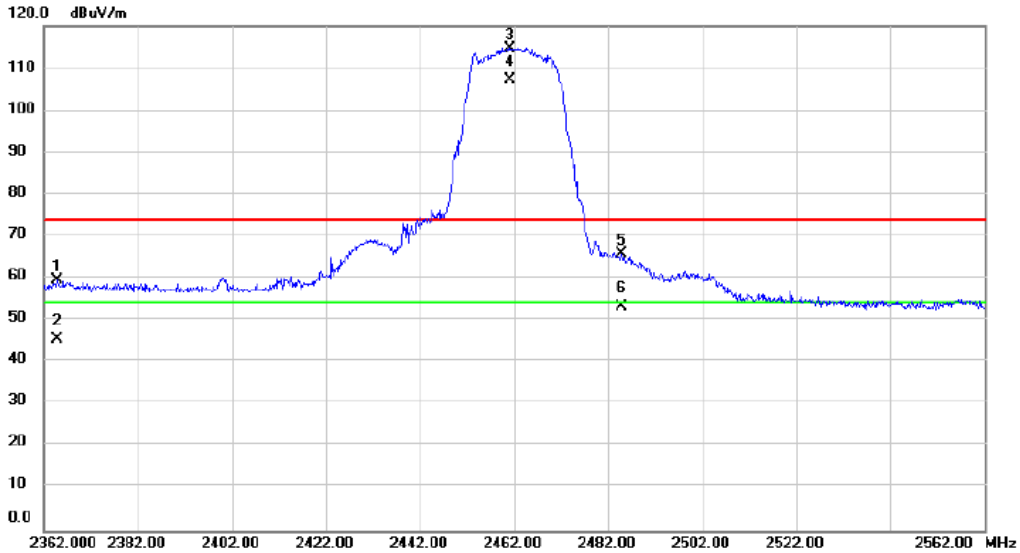
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/1/10
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.000	67.79	5.24	73.03	74.00	-0.97	peak	
2		2389.000	48.10	5.24	53.34	54.00	-0.66	AVG	
3	X	2420.600	109.8	5.29	115.17	74.00	41.17	peak	No Limit
4	*	2420.600	101.4	5.29	106.77	54.00	52.77	AVG	No Limit
5		2500.400	47.95	5.44	53.39	74.00	-20.61	peak	
6		2500.400	36.31	5.44	41.75	54.00	-12.25	AVG	

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

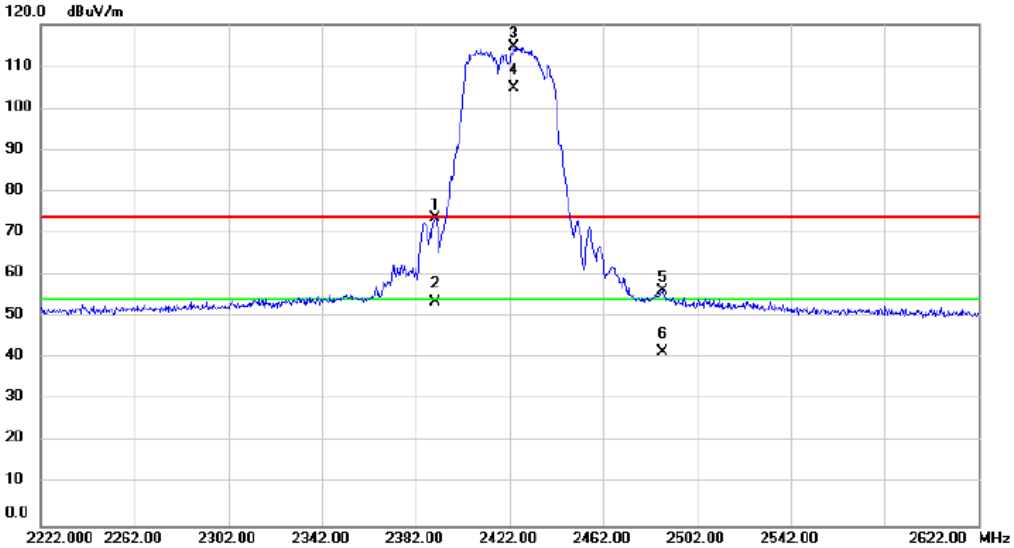
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/1/10
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2364.800	54.22	5.20	59.42	74.00	-14.58	peak	
2		2364.800	40.38	5.20	45.58	54.00	-8.42	AVG	
3	X	2461.000	109.3	5.36	114.71	74.00	40.71	peak	No Limit
4	*	2461.000	101.8	5.36	107.25	54.00	53.25	AVG	No Limit
5		2484.800	60.40	5.41	65.81	74.00	-8.19	peak	
6		2484.800	47.74	5.41	53.15	54.00	-0.85	AVG	

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

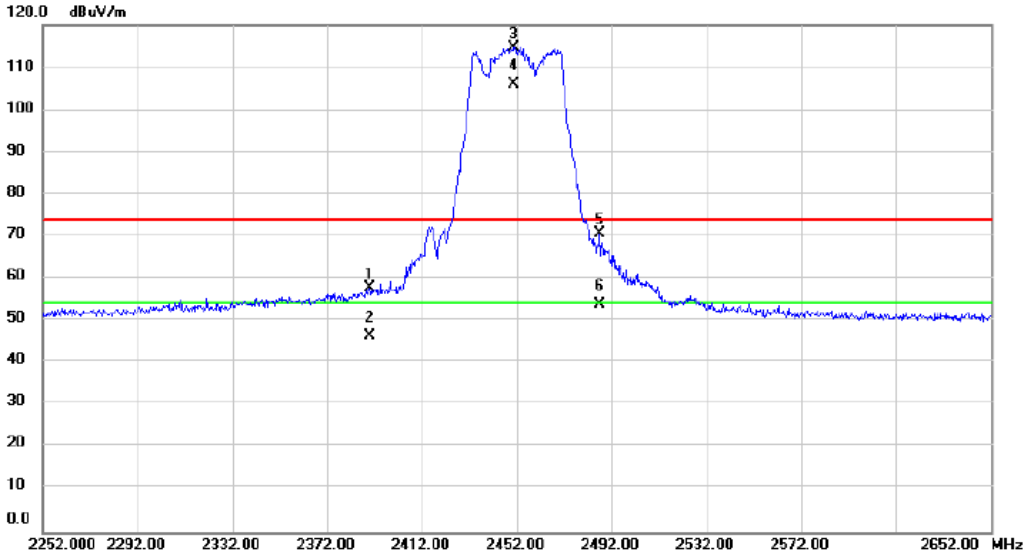
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/1/10
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	68.43	5.24	73.67	74.00	-0.33	peak	
2		2390.000	48.36	5.24	53.60	54.00	-0.40	AVG	
3	X	2424.000	109.3	5.30	114.61	74.00	40.61	peak	No Limit
4	*	2424.000	99.44	5.30	104.74	54.00	50.74	AVG	No Limit
5		2487.200	50.91	5.41	56.32	74.00	-17.68	peak	
6		2487.200	36.06	5.41	41.47	54.00	-12.53	AVG	

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

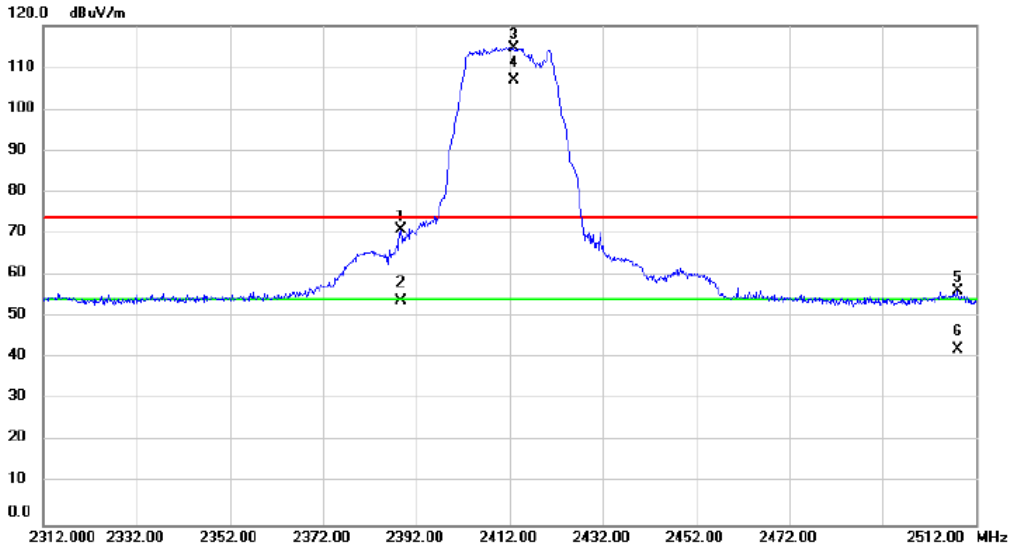
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/1/10
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	52.60	5.24	57.84	74.00	-16.16	peak	
2		2390.000	41.11	5.24	46.35	54.00	-7.65	AVG	
3	X	2450.800	109.5	5.35	114.88	74.00	40.88	peak	No Limit
4	*	2450.800	100.5	5.35	105.94	54.00	51.94	AVG	No Limit
5		2487.200	65.18	5.41	70.59	74.00	-3.41	peak	
6		2487.200	48.45	5.41	53.86	54.00	-0.14	AVG	

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

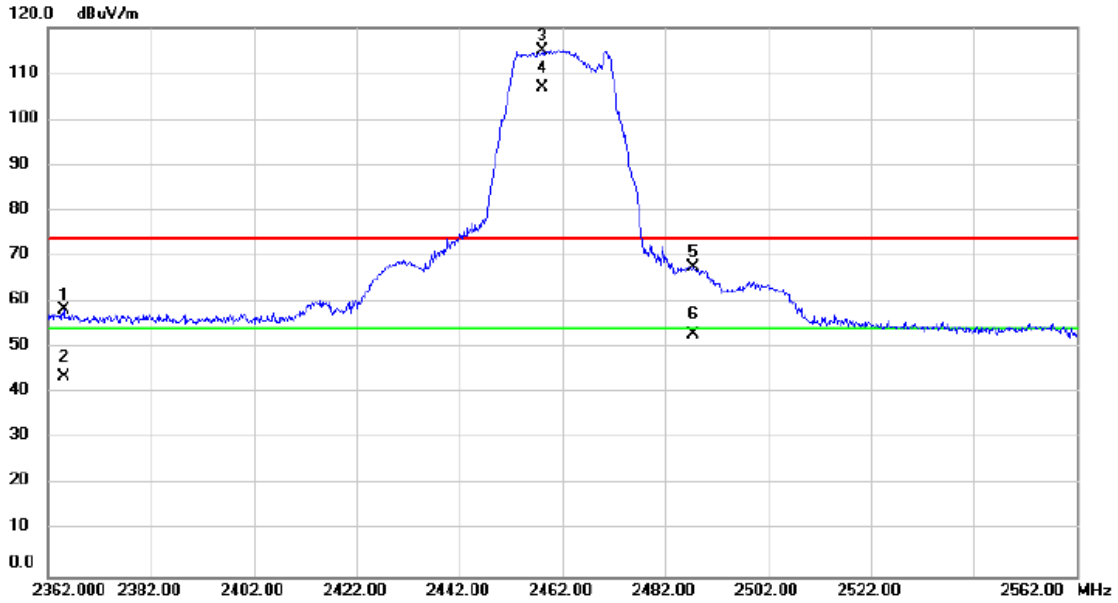
Test Mode	IEEE 802.11be (EHT20)	Test Date	2025/1/10
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.600	65.64	5.24	70.88	74.00	-3.12	peak	
2		2388.600	48.51	5.24	53.75	54.00	-0.25	AVG	
3	X	2413.000	109.4	5.29	114.74	74.00	40.74	peak	No Limit
4	*	2413.000	101.7	5.29	107.03	54.00	53.03	AVG	No Limit
5		2508.200	50.82	5.48	56.30	74.00	-17.70	peak	
6		2508.200	36.62	5.48	42.10	54.00	-11.90	AVG	

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

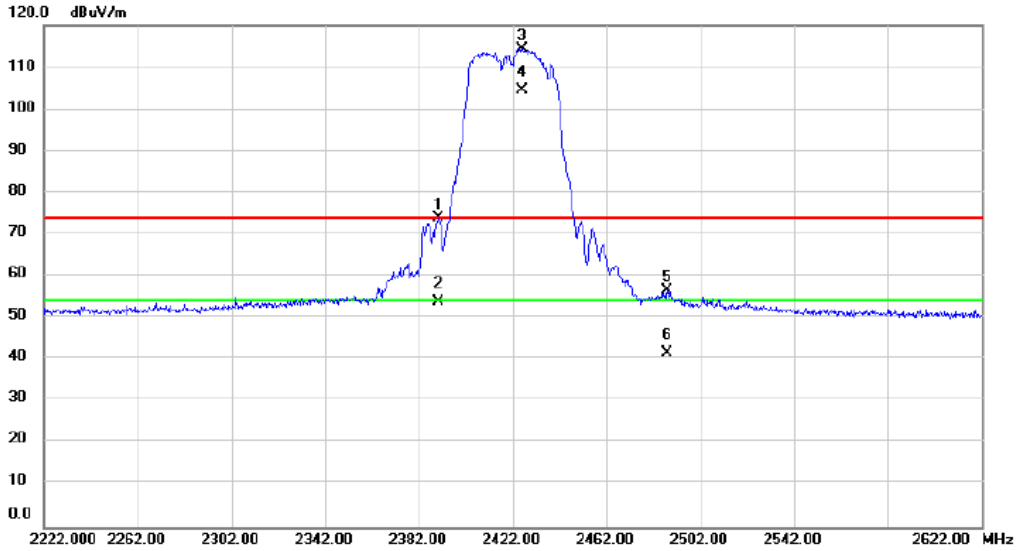
Test Mode	IEEE 802.11be (EHT20)	Test Date	2025/1/10
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2365.000	53.24	5.20	58.44	74.00	-15.56	peak	
2		2365.000	38.41	5.20	43.61	54.00	-10.39	AVG	
3	X	2458.200	109.6	5.36	114.99	74.00	40.99	peak	No Limit
4	*	2458.200	101.6	5.36	107.01	54.00	53.01	AVG	No Limit
5		2487.600	62.20	5.42	67.62	74.00	-6.38	peak	
6		2487.600	47.55	5.42	52.97	54.00	-1.03	AVG	

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

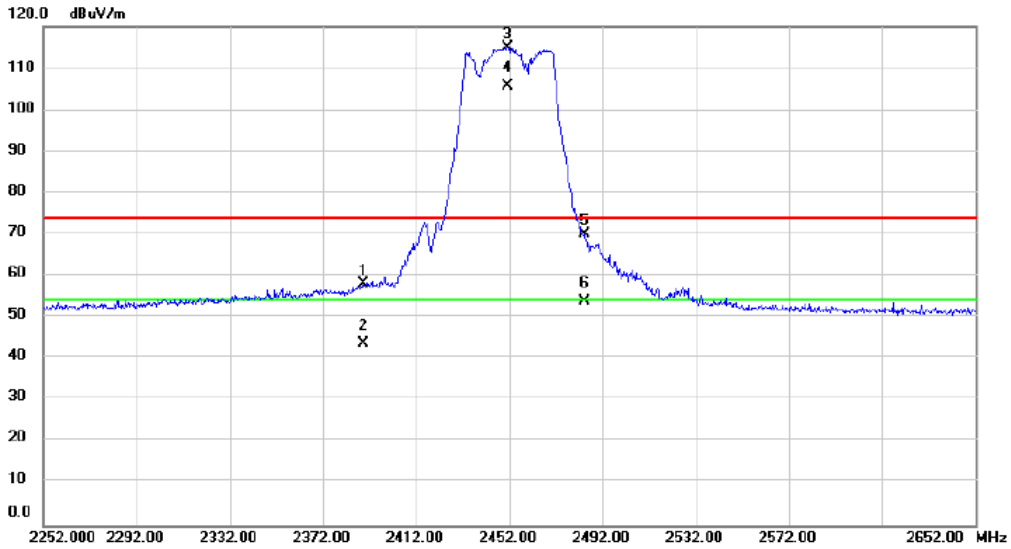
Test Mode	IEEE 802.11be (EHT40)	Test Date	2025/1/10
Test Frequency	2422MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	68.60	5.24	73.84	74.00	-0.16	peak	
2		2390.000	48.50	5.24	53.74	54.00	-0.26	AVG	
3	X	2426.000	109.2	5.30	114.59	74.00	40.59	peak	No Limit
4	*	2426.000	99.36	5.30	104.66	54.00	50.66	AVG	No Limit
5		2488.000	51.01	5.42	56.43	74.00	-17.57	peak	
6		2488.000	36.09	5.42	41.51	54.00	-12.49	AVG	

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

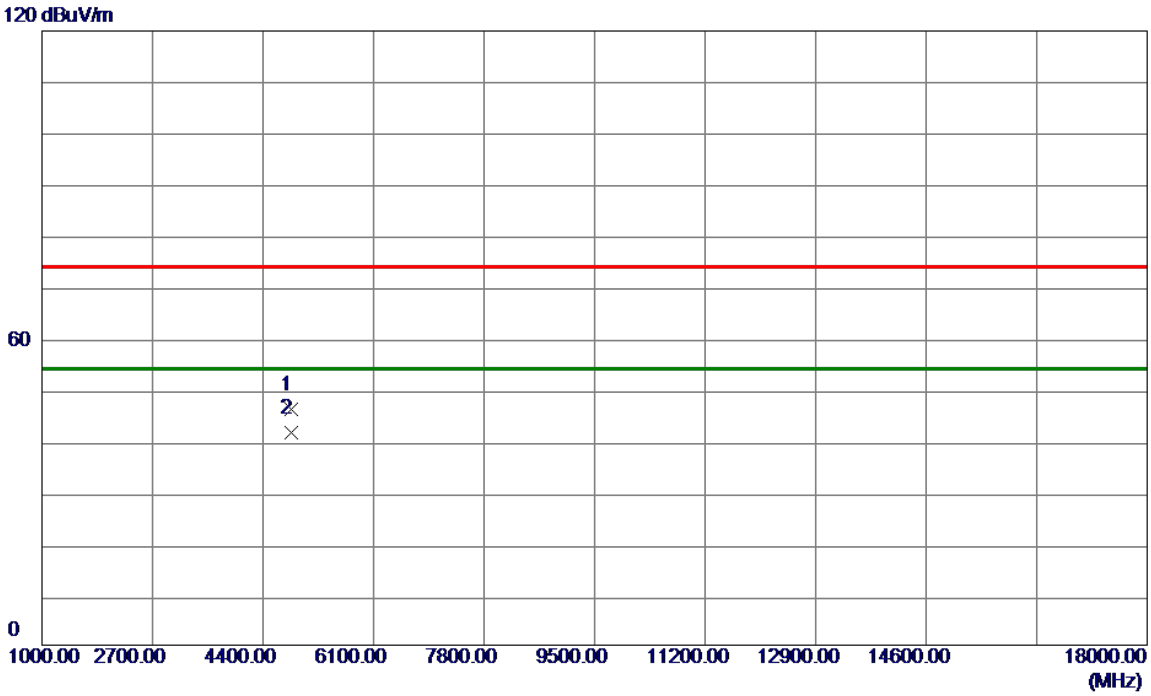
Test Mode	IEEE 802.11be (EHT40)	Test Date	2025/1/10
Test Frequency	2452MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.600	52.81	5.24	58.05	74.00	-15.95	peak	
2		2389.600	38.55	5.24	43.79	54.00	-10.21	AVG	
3	X	2451.200	109.7	5.35	115.05	74.00	41.05	peak	No Limit
4	*	2451.200	100.3	5.35	105.71	54.00	51.71	AVG	No Limit
5		2484.000	64.62	5.41	70.03	74.00	-3.97	peak	
6		2484.000	48.47	5.41	53.88	54.00	-0.12	AVG	

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

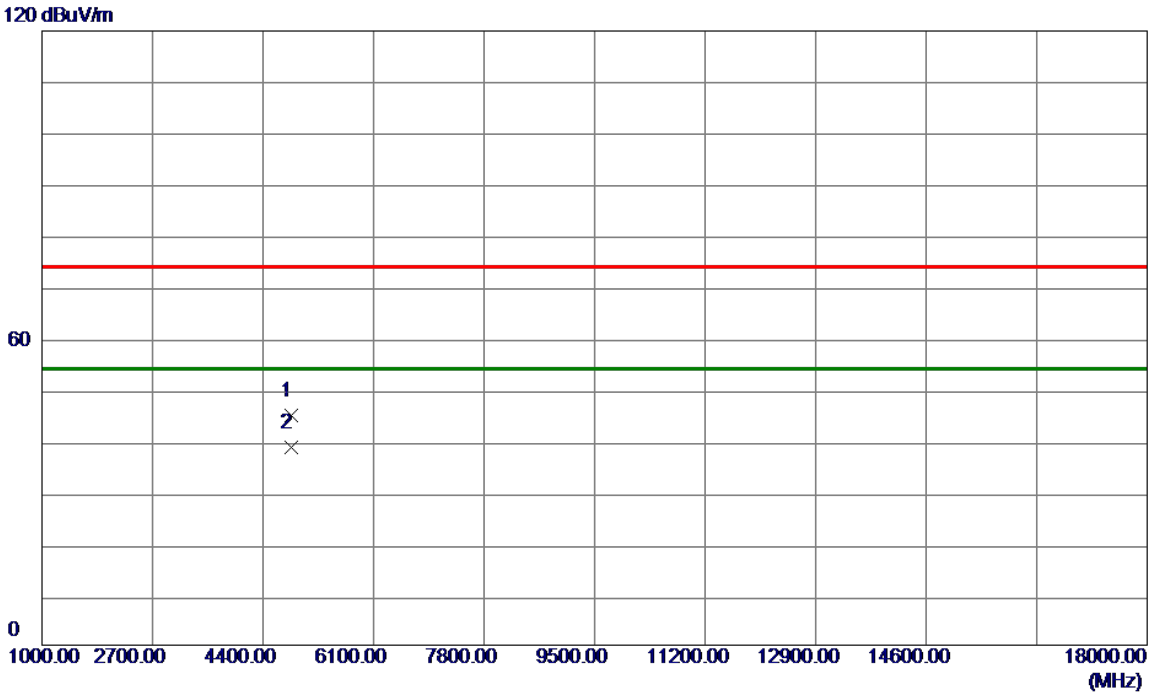
Test Mode	IEEE 802.11b	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4825.0000	54.68	-8.64	46.04	74.00	-27.96	Peak	
2 *	4825.0000	50.14	-8.64	41.50	54.00	-12.50	AVG	

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

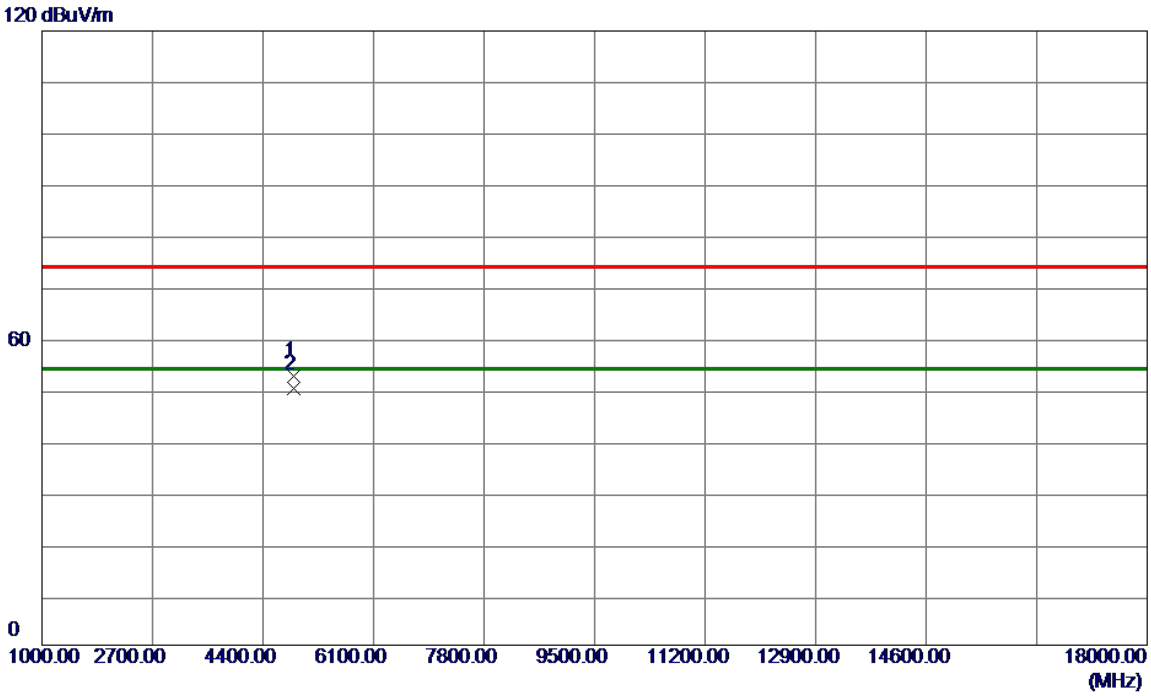
Test Mode	IEEE 802.11b	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4825.0000	53.60	-8.64	44.96	74.00	-29.04	Peak	
2 *	4825.0000	47.25	-8.64	38.61	54.00	-15.39	AVG	

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

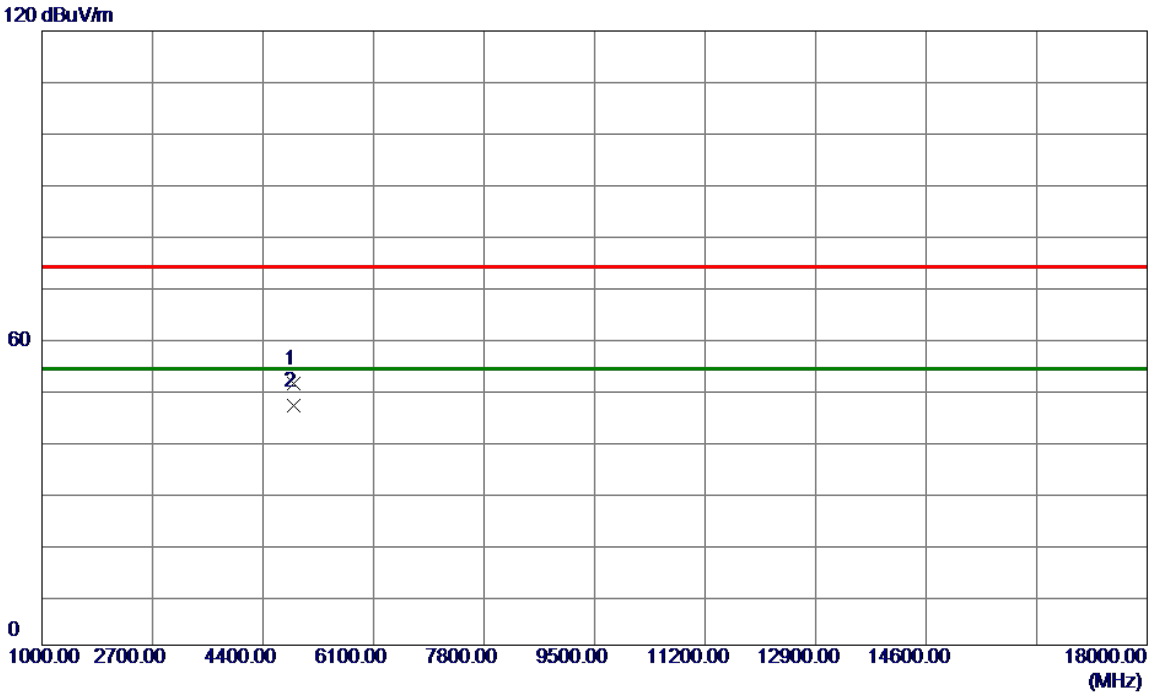
Test Mode	IEEE 802.11b	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4876.0000	61.22	-8.54	52.68	74.00	-21.32	Peak	
2 *	4876.0000	58.80	-8.54	50.26	54.00	-3.74	AVG	

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

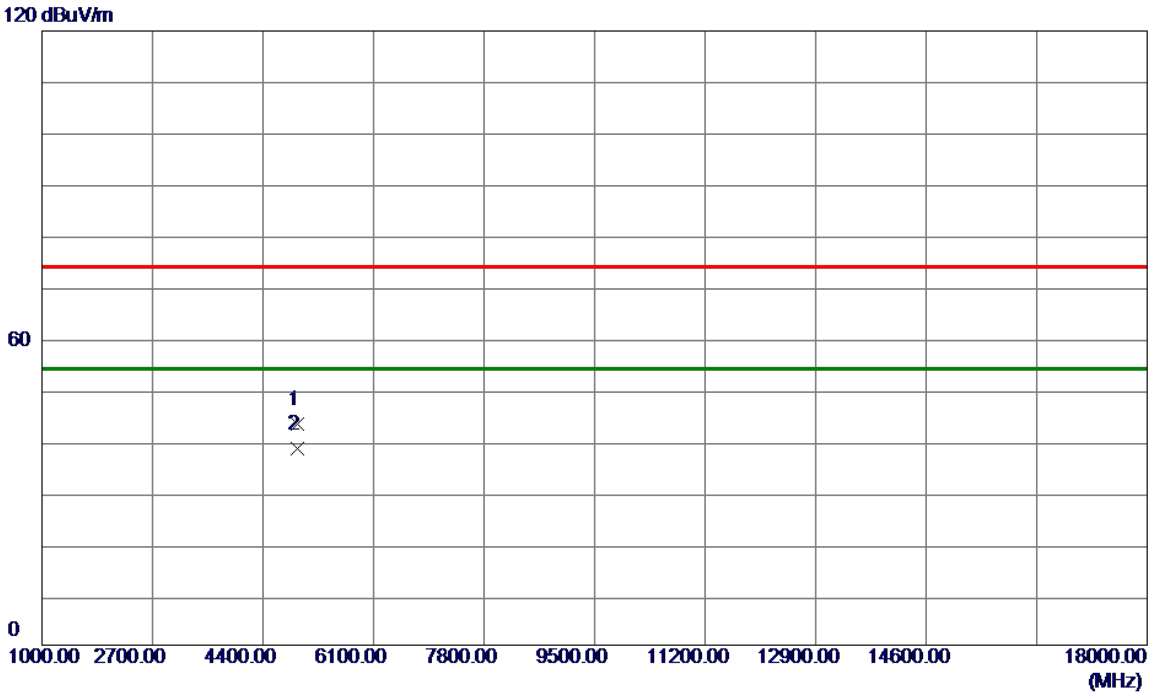
Test Mode	IEEE 802.11b	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4876.0000	59.70	-8.54	51.16	74.00	-22.84	Peak	
2 *	4876.0000	55.38	-8.54	46.84	54.00	-7.16	AVG	

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

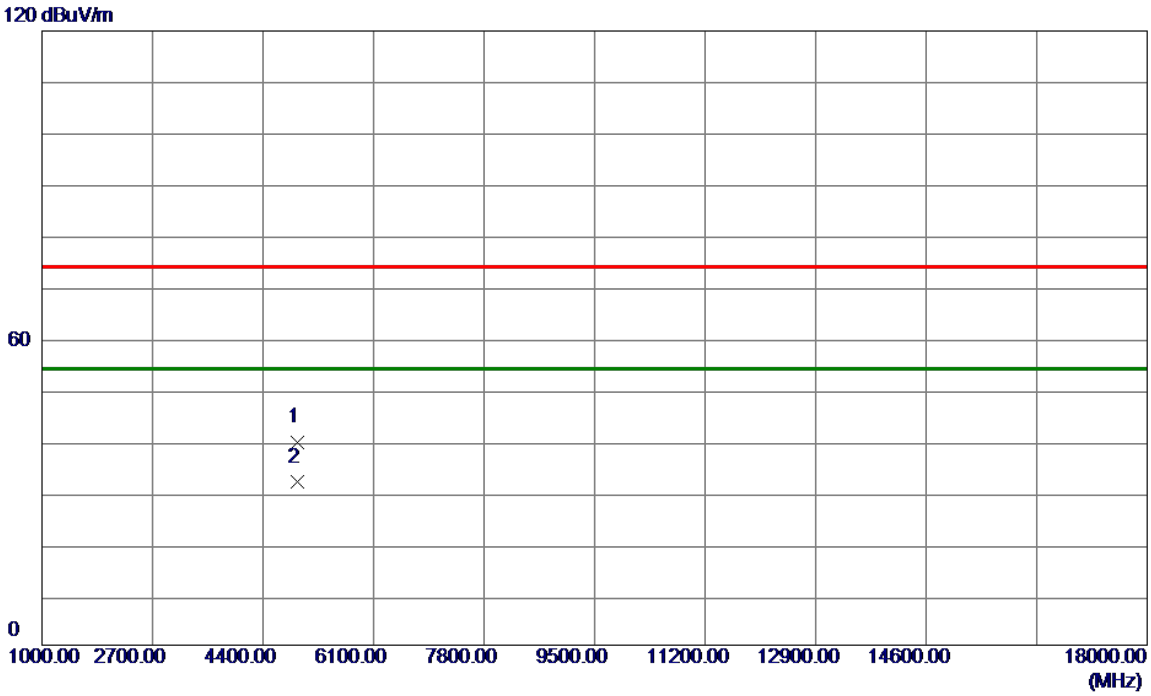
Test Mode	IEEE 802.11b	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4927.0000	51.72	-8.44	43.28	74.00	-30.72	Peak	
2 *	4927.0000	46.88	-8.44	38.44	54.00	-15.56	AVG	

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

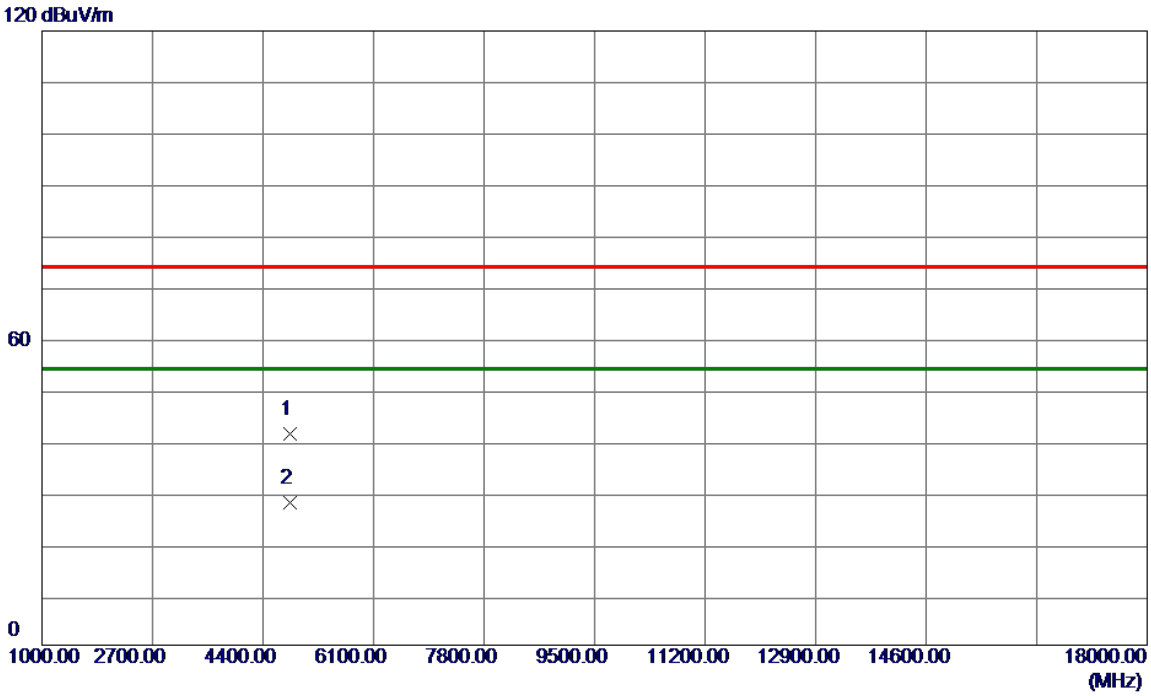
Test Mode	IEEE 802.11b	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	48.16	-8.44	39.72	74.00	-34.28	Peak	
2 *	4924.0000	40.44	-8.44	32.00	54.00	-22.00	AVG	

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

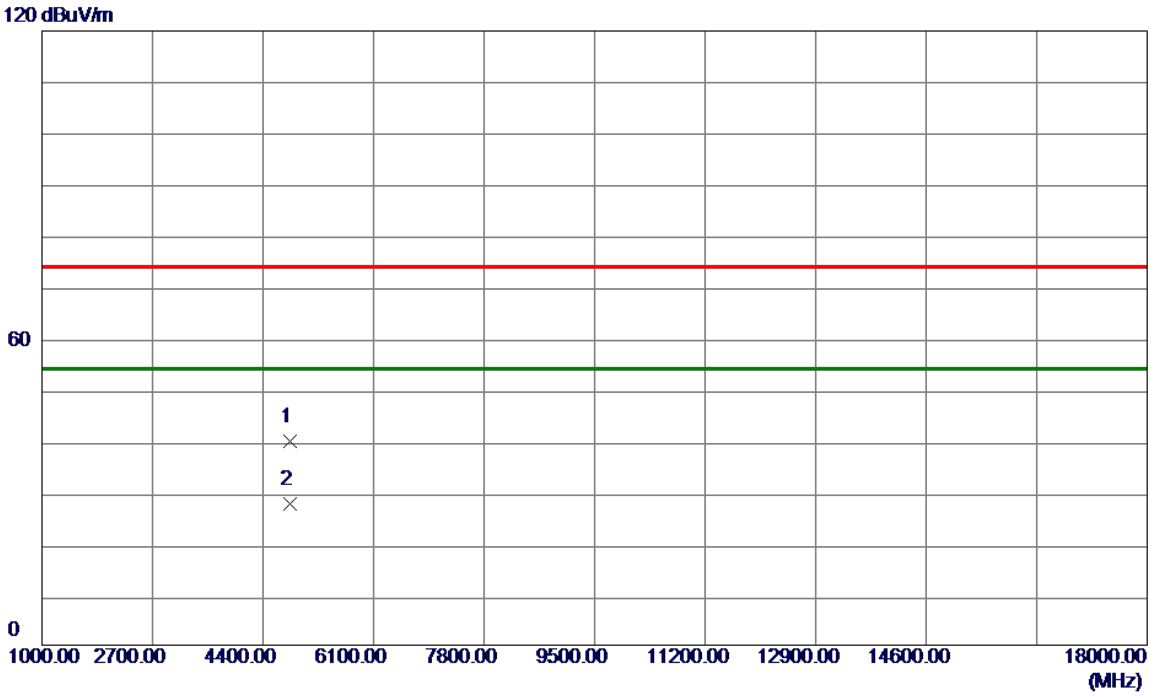
Test Mode	IEEE 802.11g	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	49.98	-8.65	41.33	74.00	-32.67	Peak	
2 *	4824.0000	36.44	-8.65	27.79	54.00	-26.21	AVG	

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

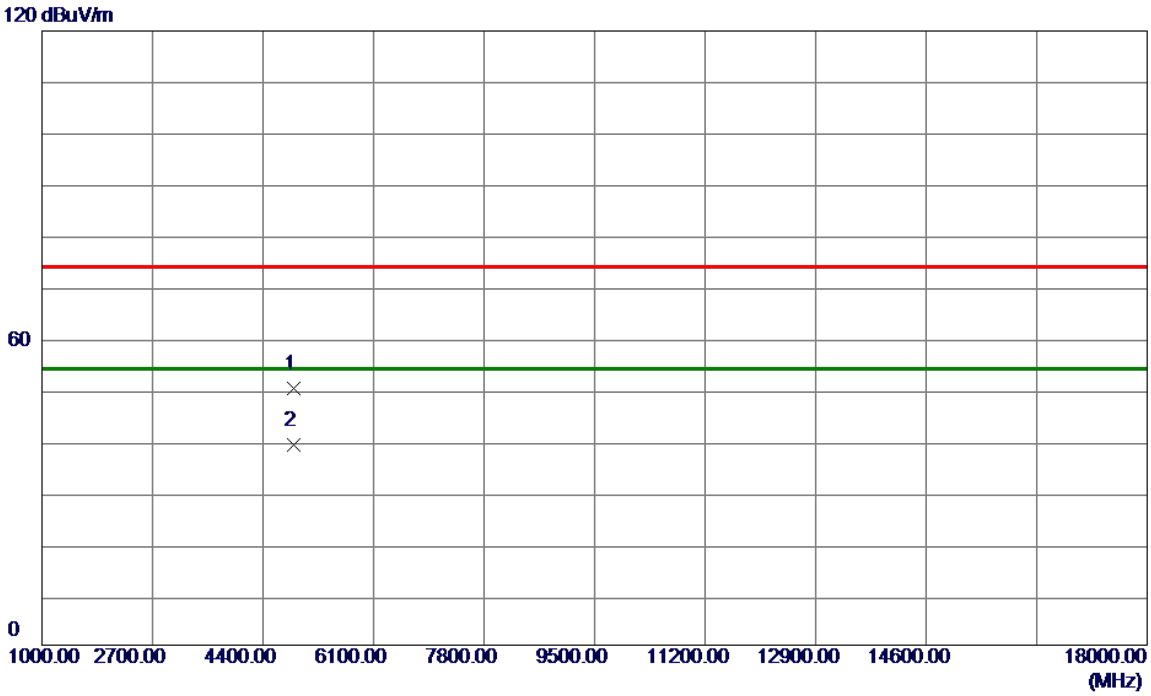
Test Mode	IEEE 802.11g	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	48.53	-8.65	39.88	74.00	-34.12	Peak	
2 *	4824.0000	36.21	-8.65	27.56	54.00	-26.44	AVG	

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

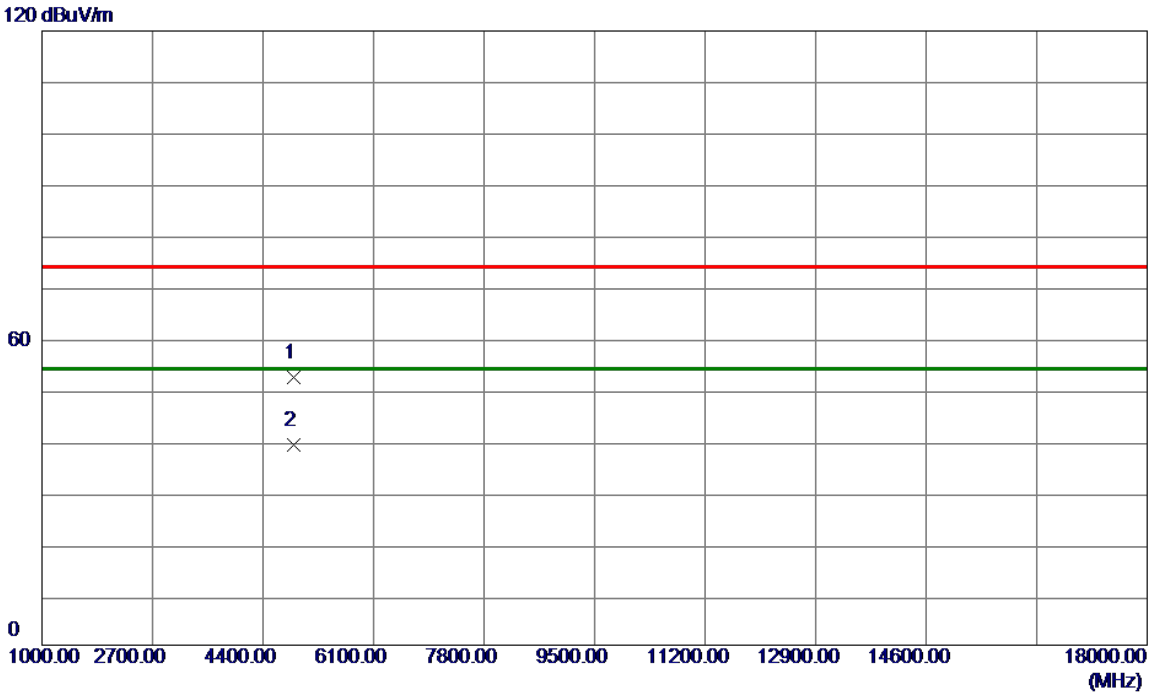
Test Mode	IEEE 802.11g	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4876.0000	58.67	-8.54	50.13	74.00	-23.87	Peak	
2 *	4876.0000	47.75	-8.54	39.21	54.00	-14.79	AVG	

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

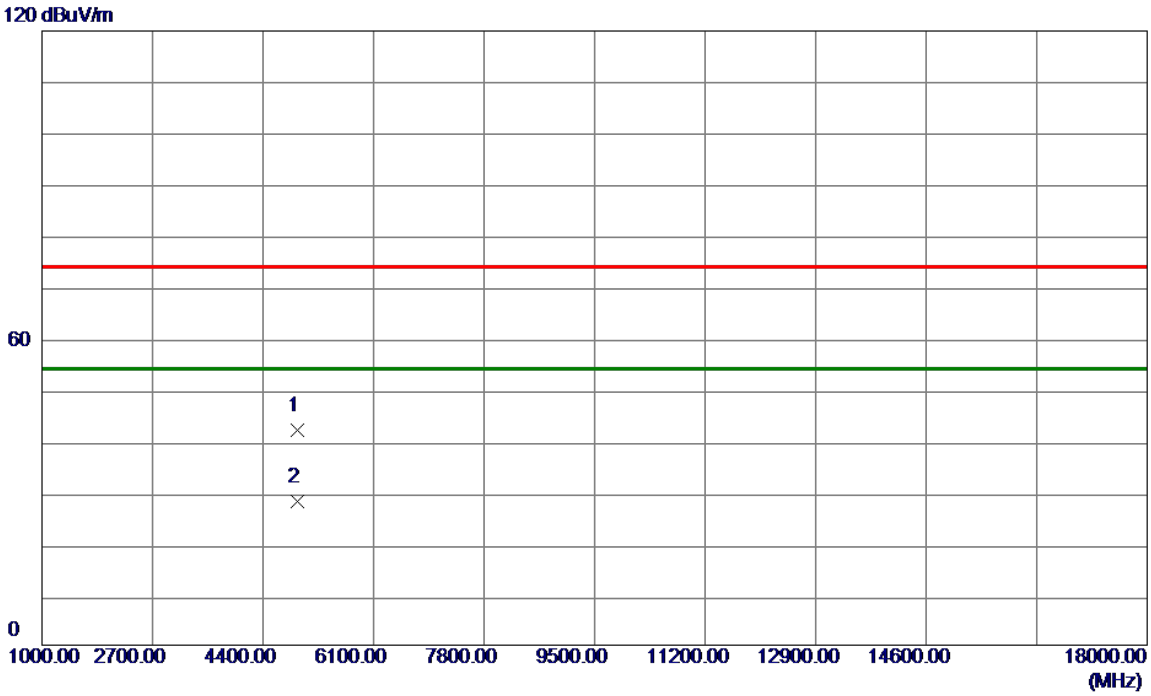
Test Mode	IEEE 802.11g	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4876.0000	60.94	-8.54	52.40	74.00	-21.60	Peak	
2 *	4876.0000	47.66	-8.54	39.12	54.00	-14.88	AVG	

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

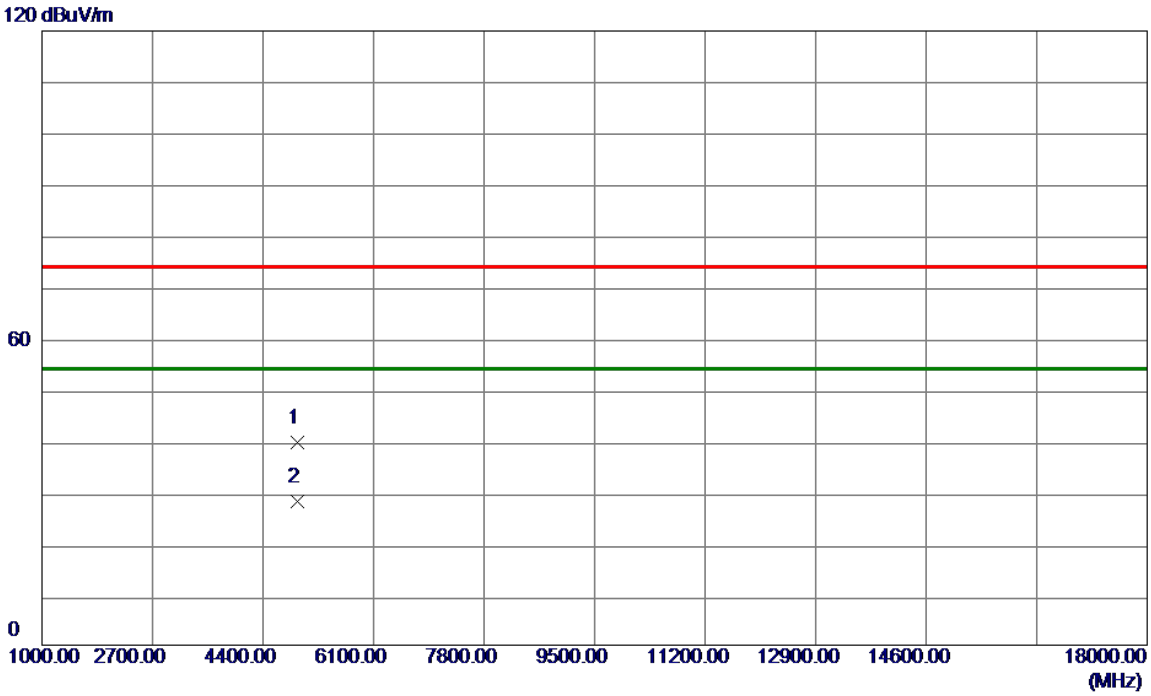
Test Mode	IEEE 802.11g	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	50.48	-8.44	42.04	74.00	-31.96	Peak	
2 *	4924.0000	36.54	-8.44	28.10	54.00	-25.90	AVG	

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

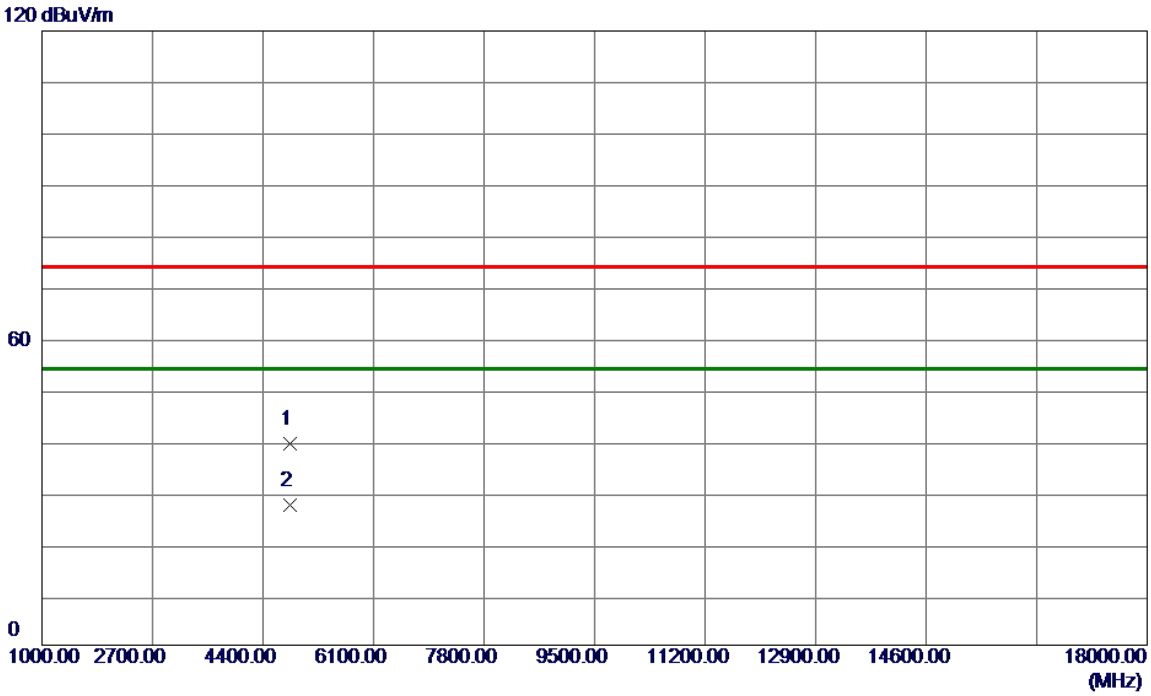
Test Mode	IEEE 802.11g	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	48.08	-8.44	39.64	74.00	-34.36	Peak	
2 *	4924.0000	36.48	-8.44	28.04	54.00	-25.96	AVG	

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

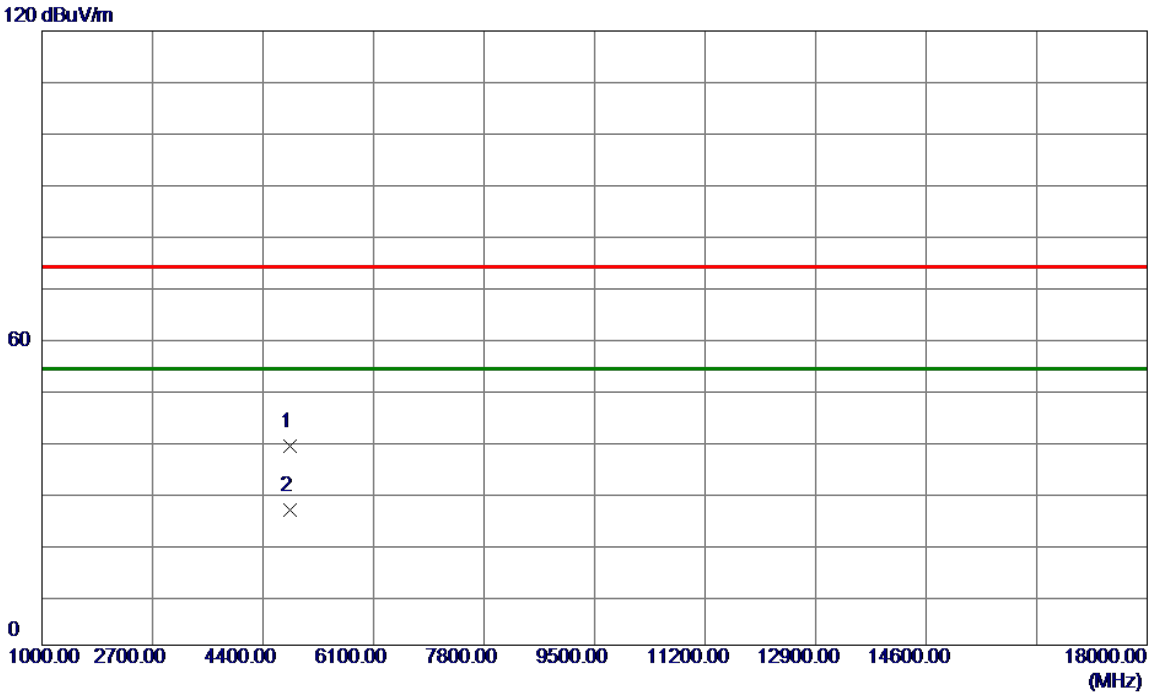
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	48.01	-8.65	39.36	74.00	-34.64	Peak	
2 *	4824.0000	36.12	-8.65	27.47	54.00	-26.53	AVG	

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

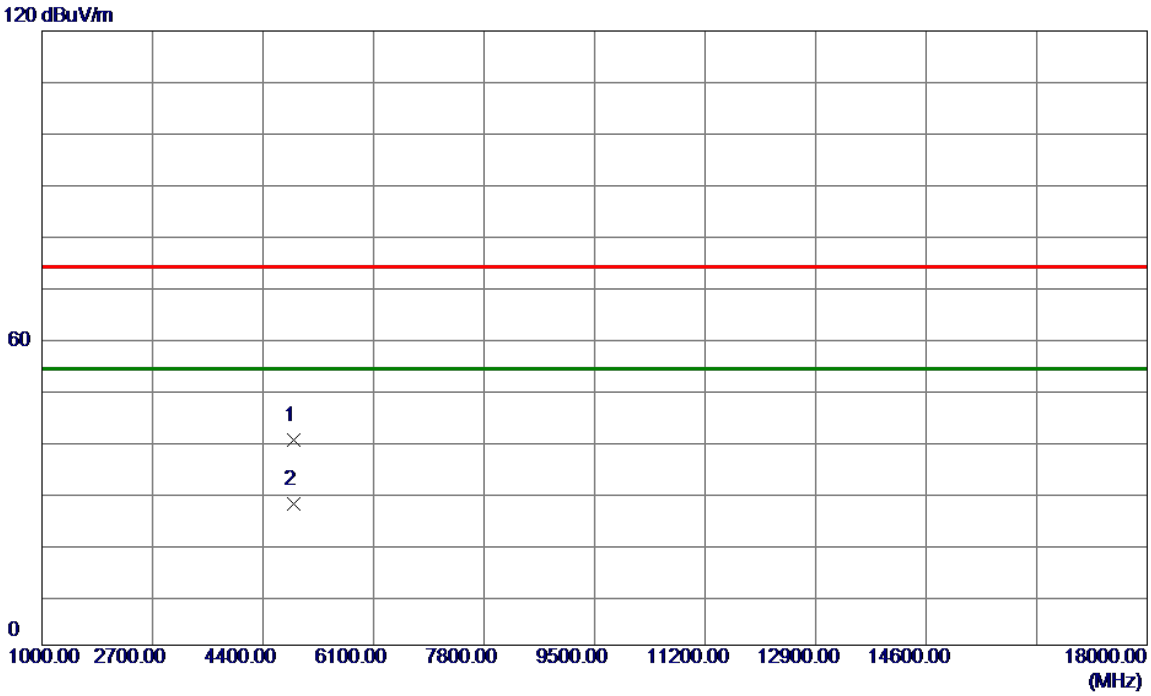
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	47.55	-8.65	38.90	74.00	-35.10	Peak	
2 *	4824.0000	35.14	-8.65	26.49	54.00	-27.51	AVG	

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

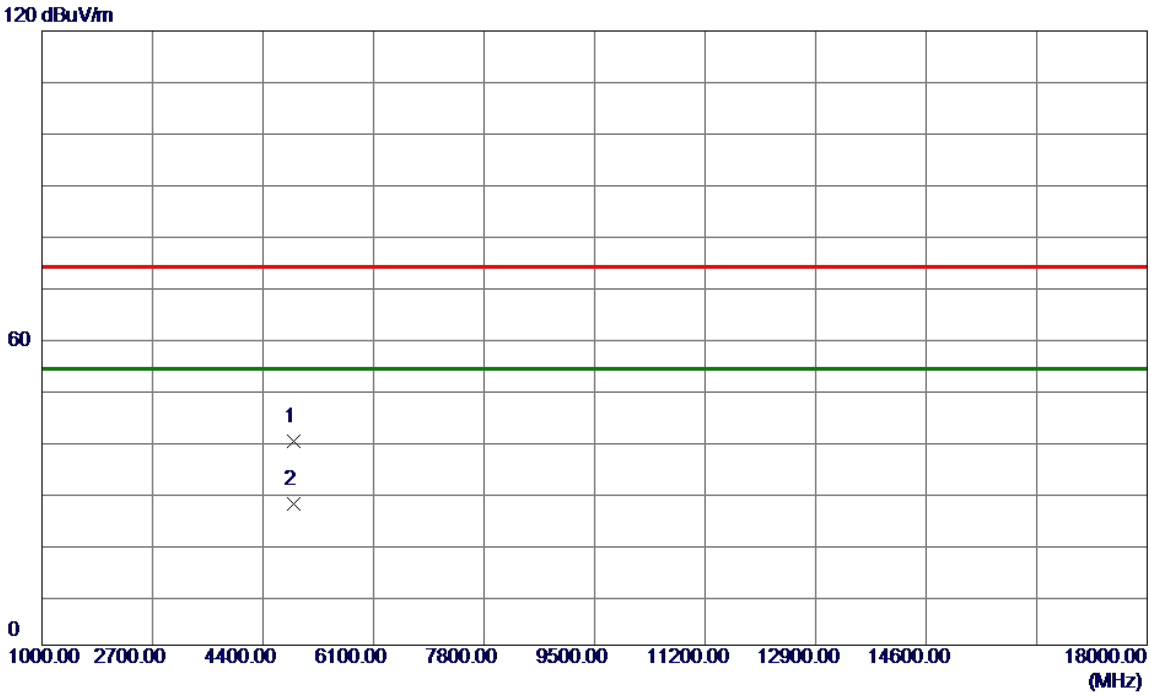
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	48.60	-8.54	40.06	74.00	-33.94	Peak	
2 *	4874.0000	36.21	-8.54	27.67	54.00	-26.33	AVG	

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

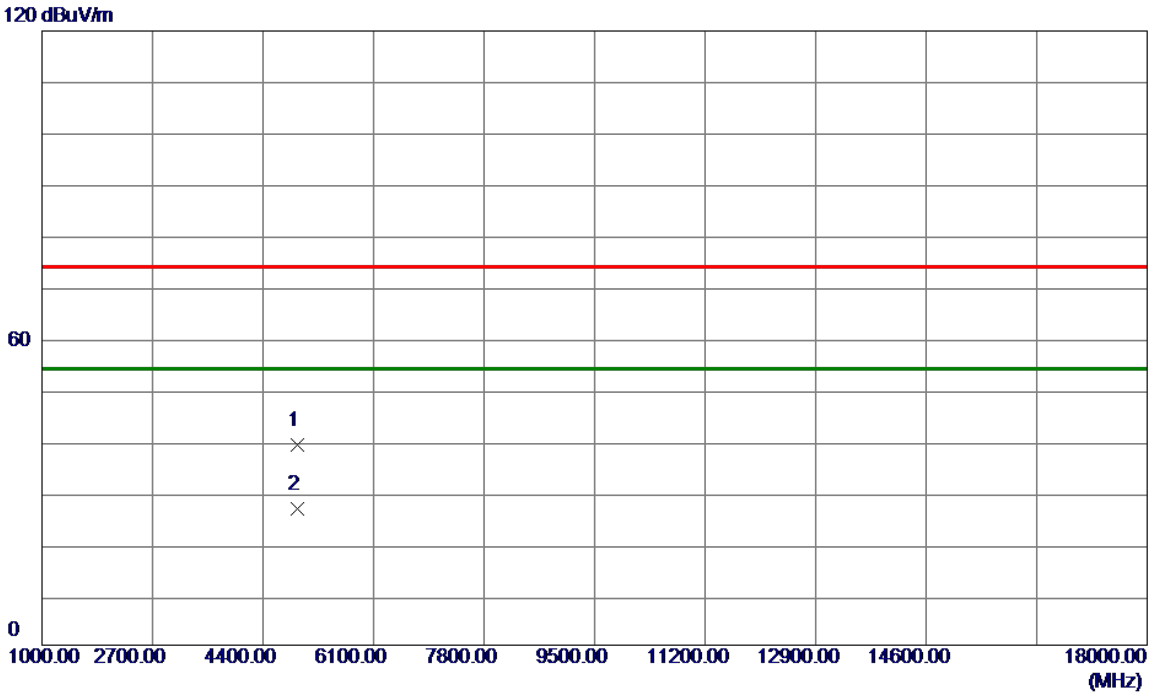
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	48.39	-8.54	39.85	74.00	-34.15	Peak	
2 *	4874.0000	36.13	-8.54	27.59	54.00	-26.41	AVG	

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

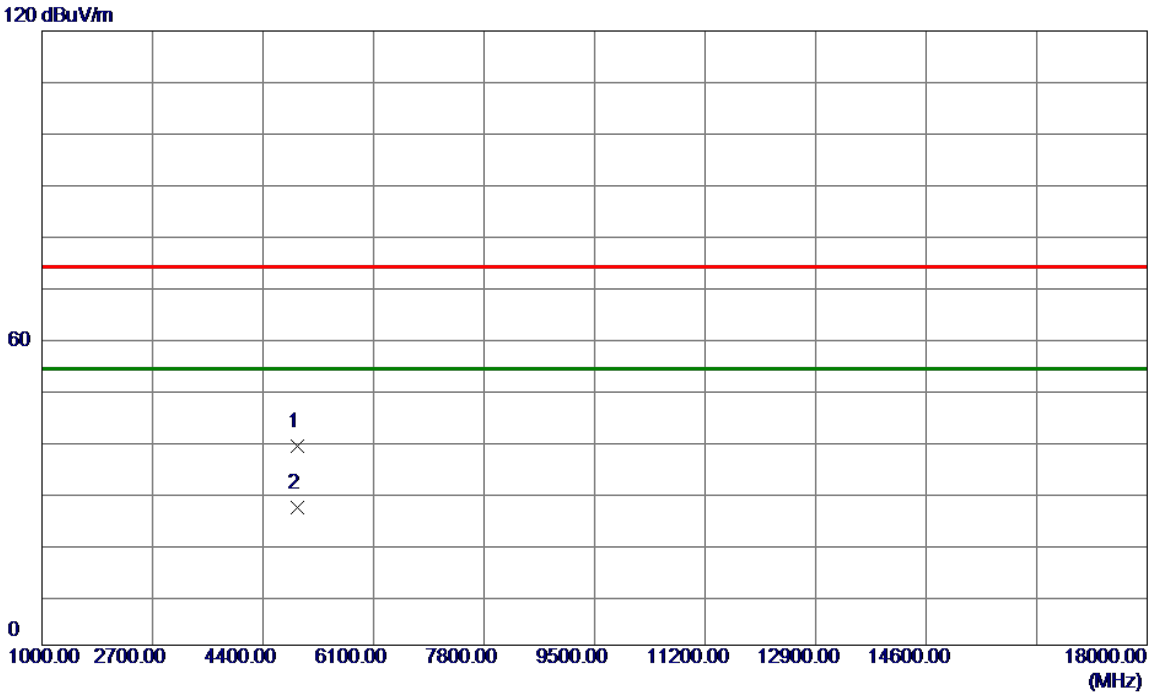
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	47.56	-8.44	39.12	74.00	-34.88	Peak	
2 *	4924.0000	35.00	-8.44	26.56	54.00	-27.44	AVG	

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

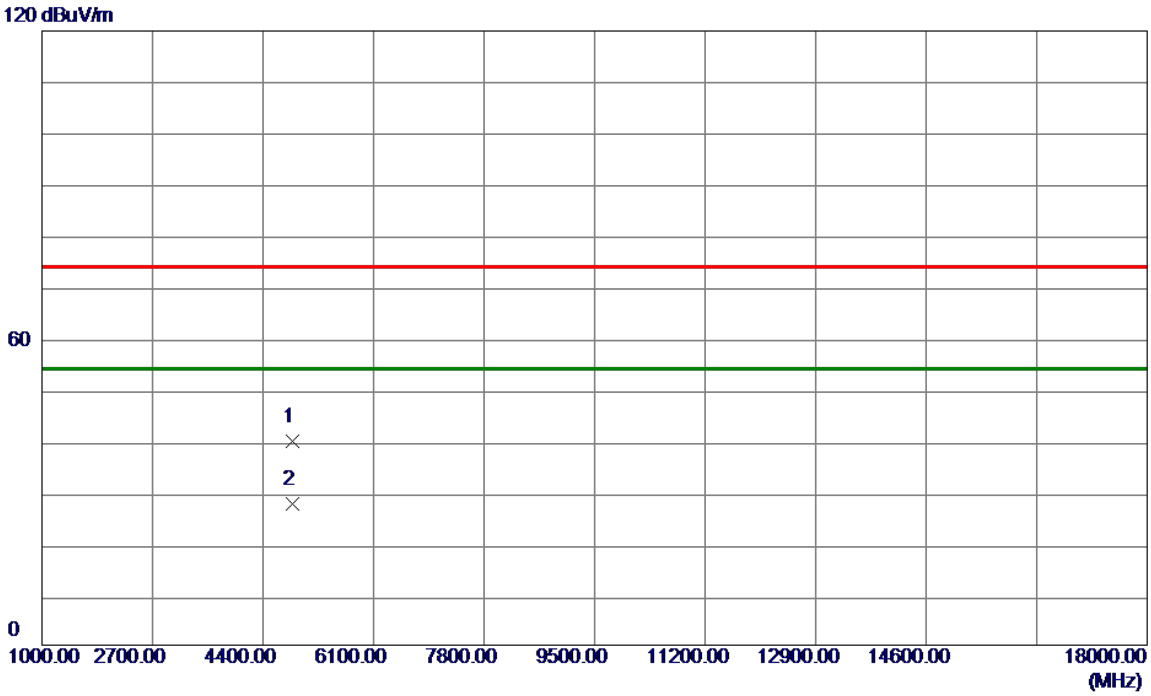
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	47.43	-8.44	38.99	74.00	-35.01	Peak	
2 *	4924.0000	35.41	-8.44	26.97	54.00	-27.03	AVG	

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

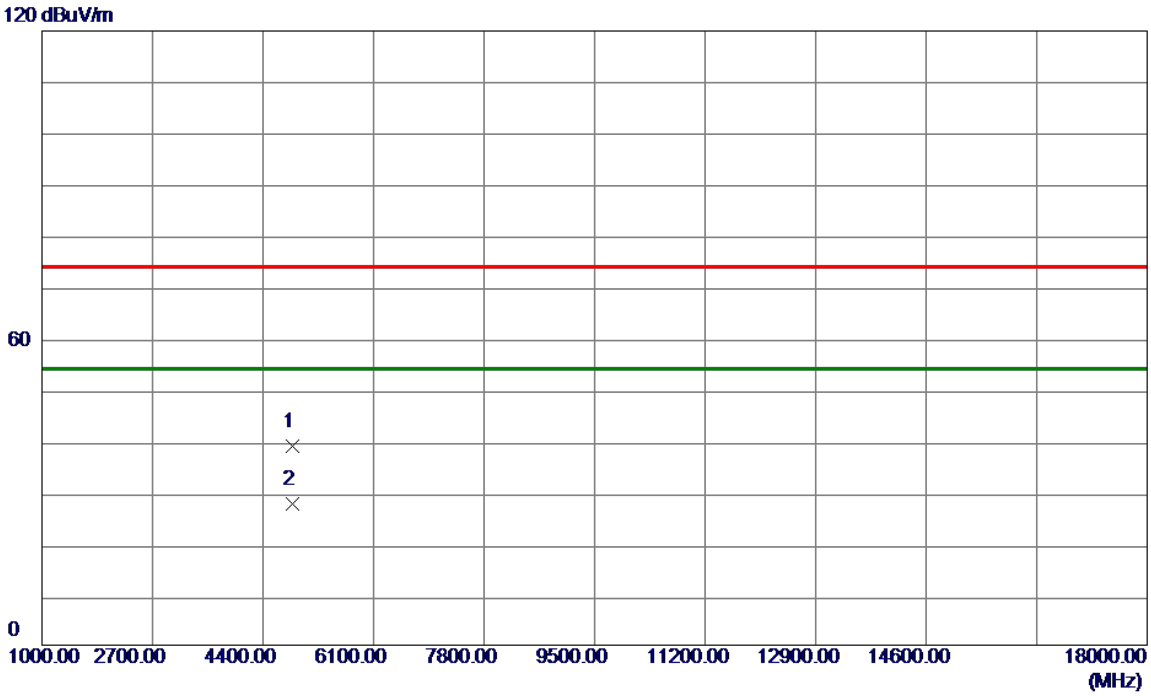
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/12/23
Test Frequency	2422MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	48.39	-8.61	39.78	74.00	-34.22	Peak	
2 *	4844.0000	36.23	-8.61	27.62	54.00	-26.38	AVG	

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

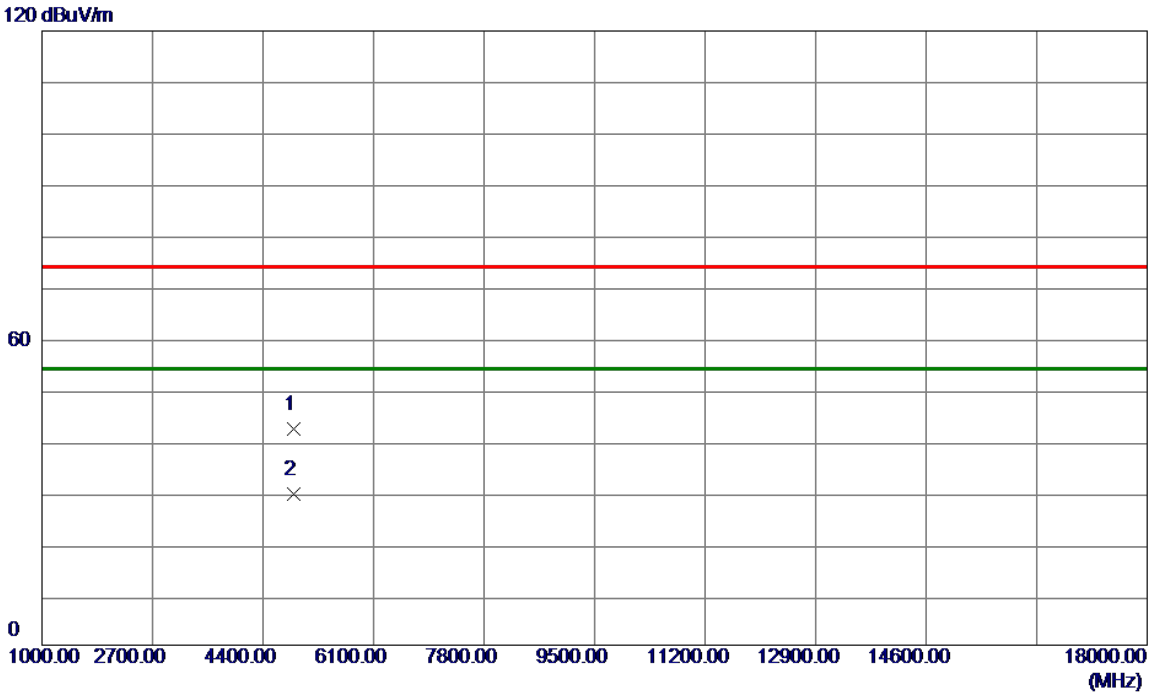
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/12/23
Test Frequency	2422MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	47.53	-8.61	38.92	74.00	-35.08	Peak	
2 *	4844.0000	36.28	-8.61	27.67	54.00	-26.33	AVG	

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

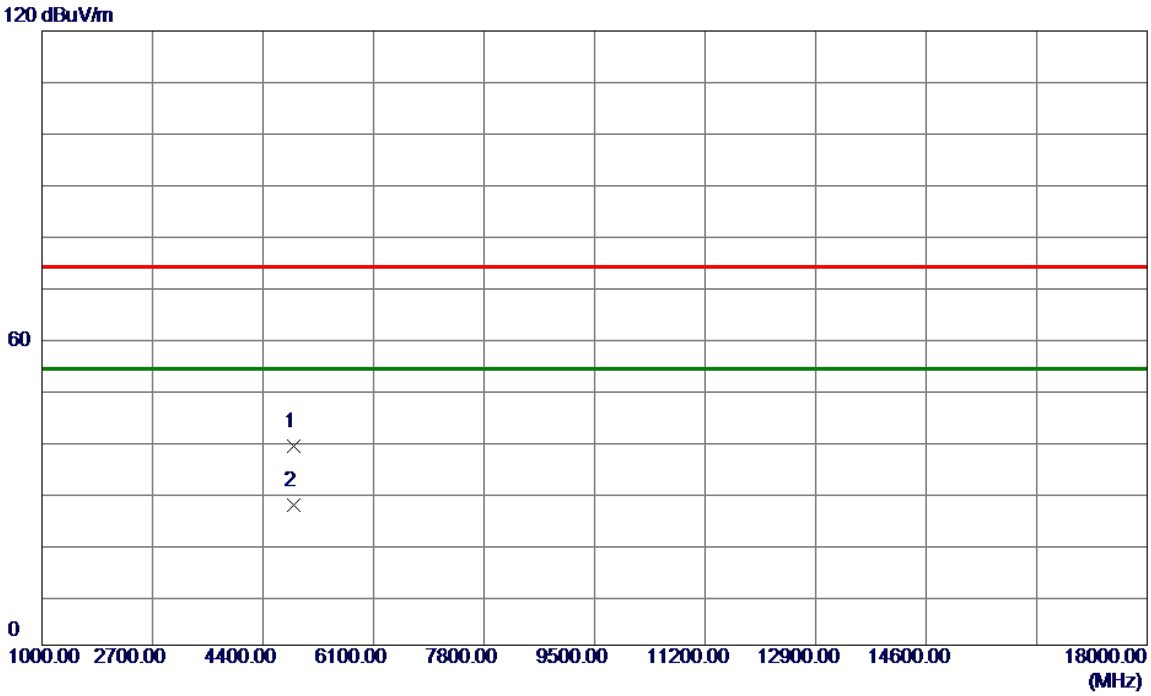
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	50.87	-8.54	42.33	74.00	-31.67	Peak	
2 *	4874.0000	38.13	-8.54	29.59	54.00	-24.41	AVG	

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

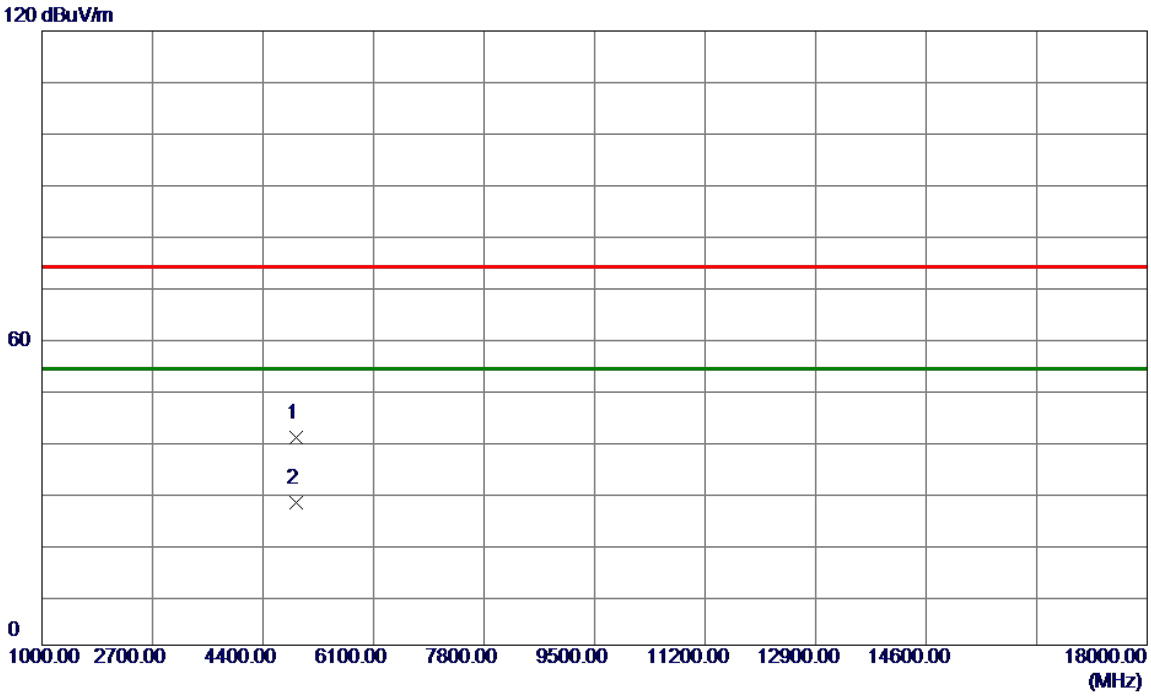
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	47.49	-8.54	38.95	74.00	-35.05	Peak	
2 *	4874.0000	35.87	-8.54	27.33	54.00	-26.67	AVG	

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

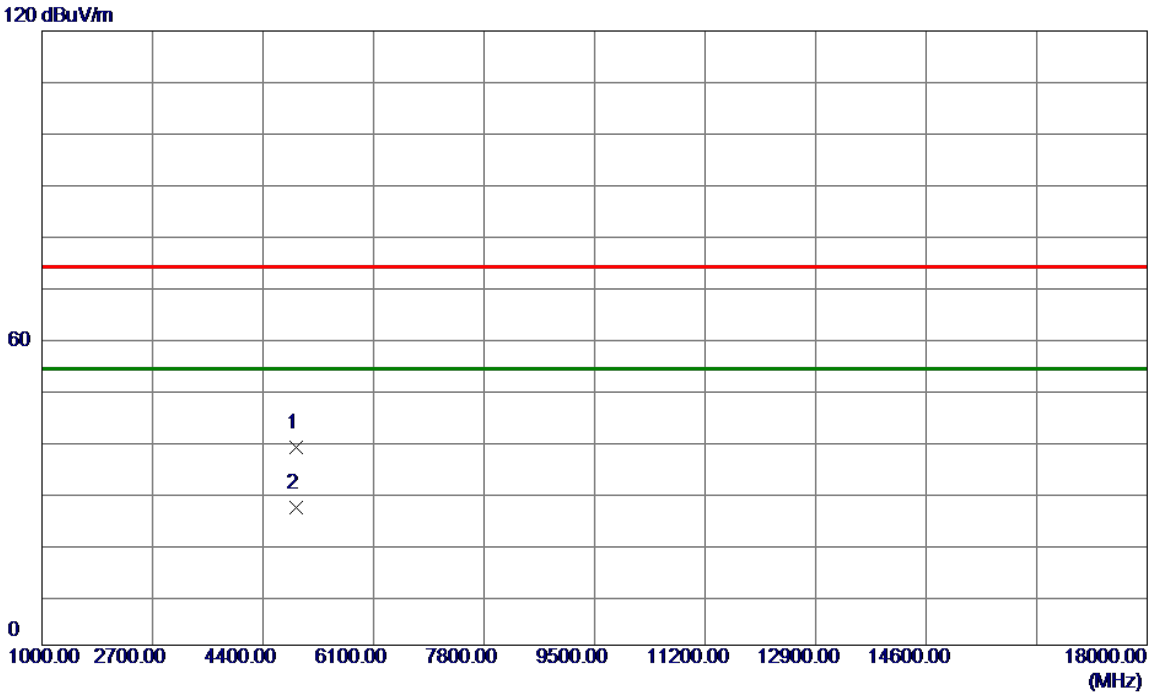
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/12/23
Test Frequency	2452MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	49.07	-8.48	40.59	74.00	-33.41	Peak	
2 *	4904.0000	36.21	-8.48	27.73	54.00	-26.27	AVG	

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

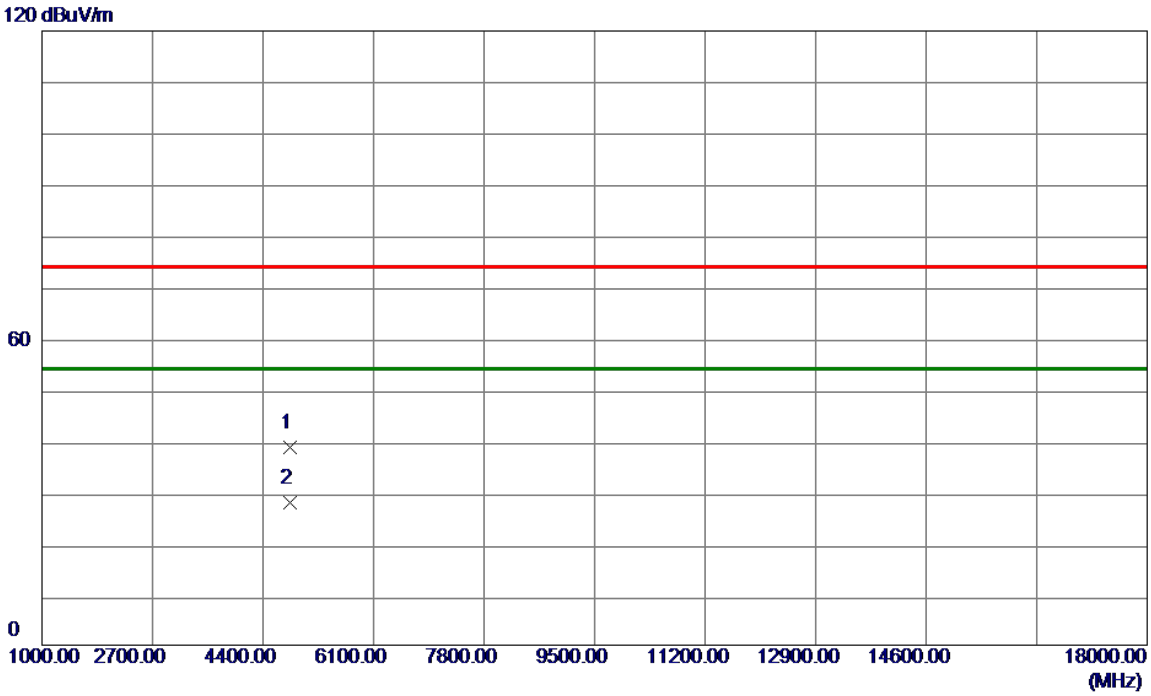
Test Mode	IEEE 802.11n (HT40)	Test Date	2024/12/23
Test Frequency	2452MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	47.21	-8.48	38.73	74.00	-35.27	Peak	
2 *	4904.0000	35.28	-8.48	26.80	54.00	-27.20	AVG	

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

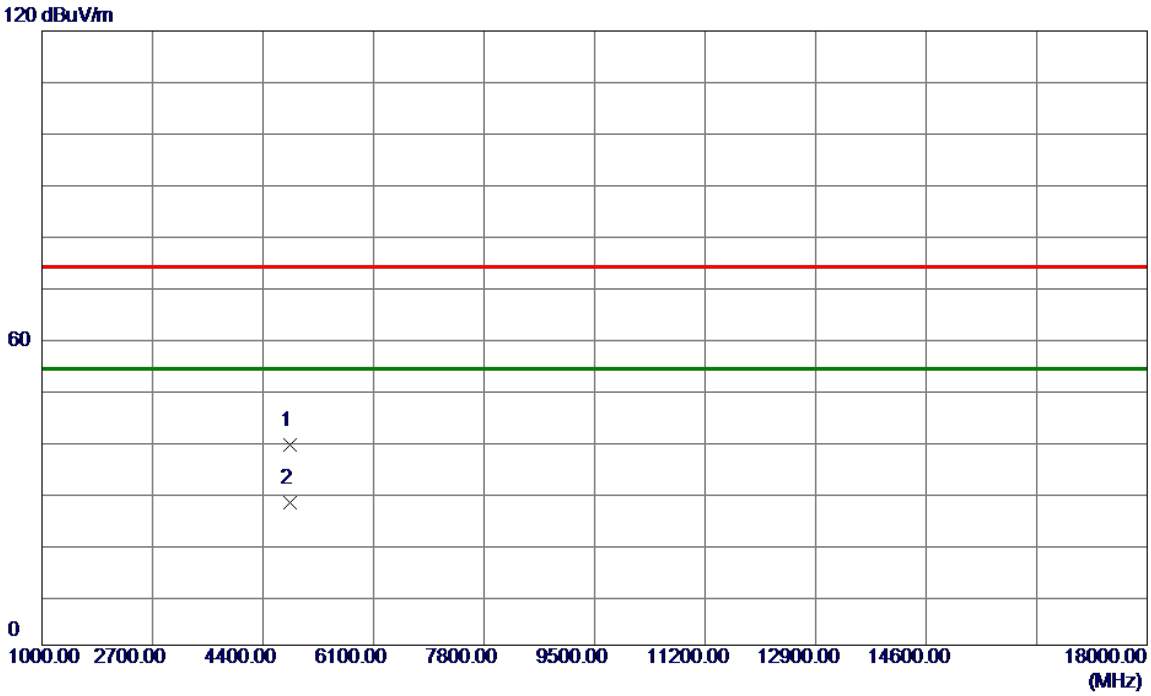
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	47.25	-8.65	38.60	74.00	-35.40	Peak	
2 *	4824.0000	36.41	-8.65	27.76	54.00	-26.24	AVG	

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

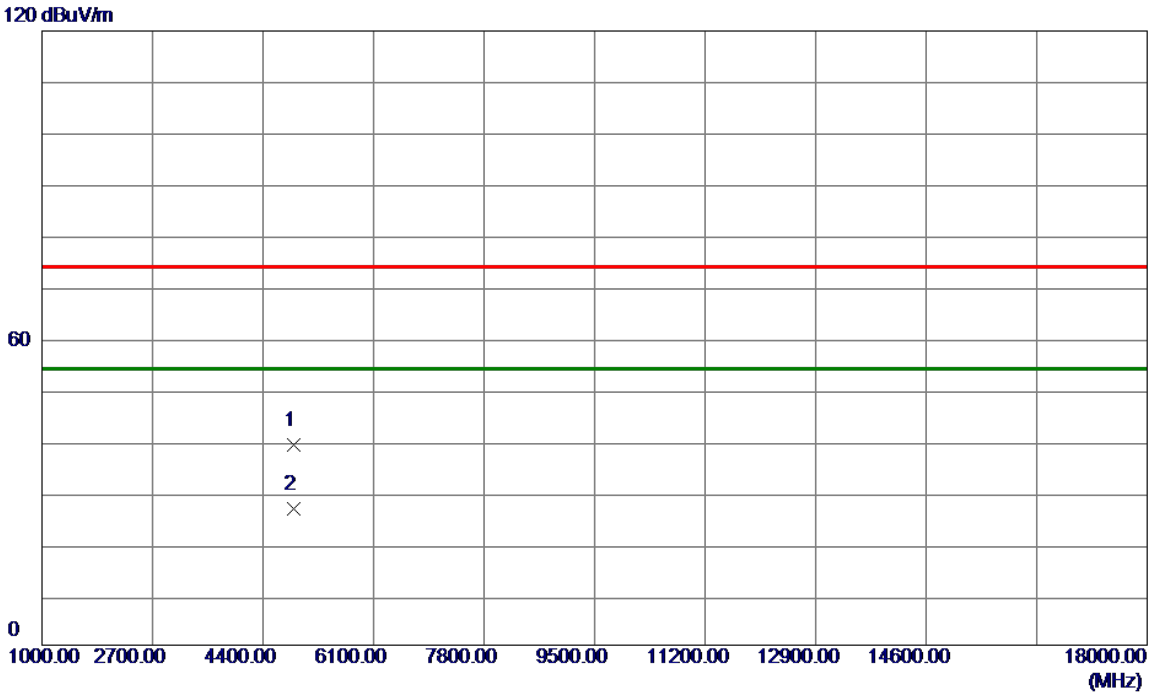
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	47.78	-8.65	39.13	74.00	-34.87	Peak	
2 *	4824.0000	36.58	-8.65	27.93	54.00	-26.07	AVG	

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

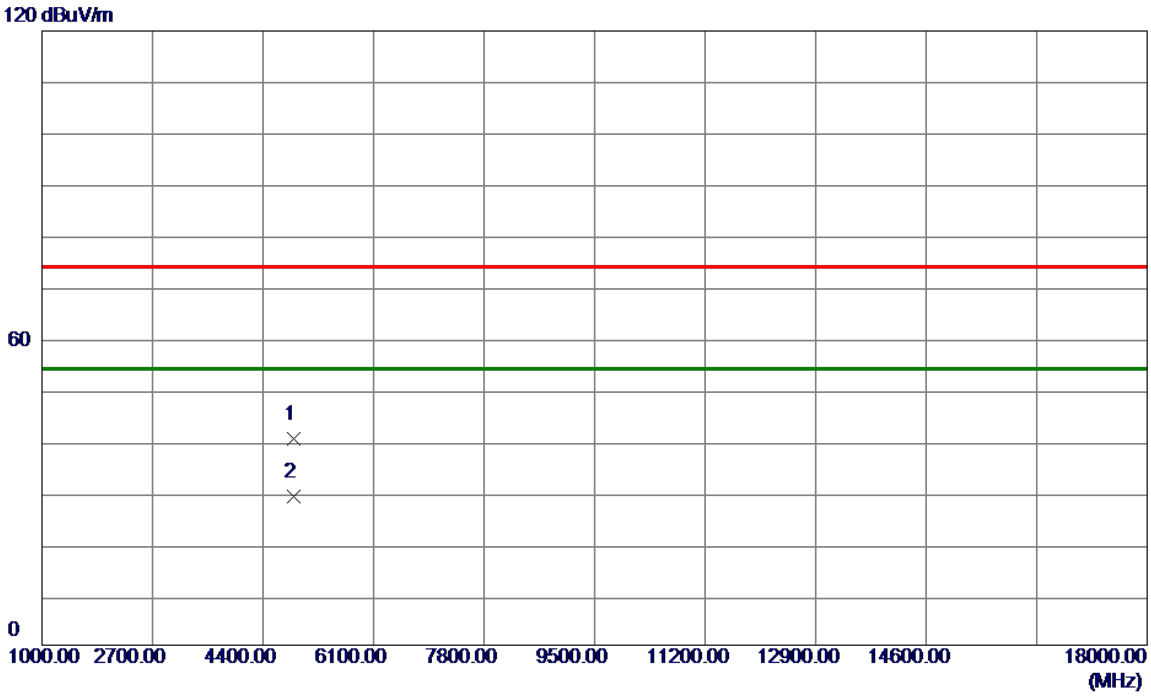
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	47.72	-8.54	39.18	74.00	-34.82	Peak	
2 *	4874.0000	35.11	-8.54	26.57	54.00	-27.43	AVG	

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

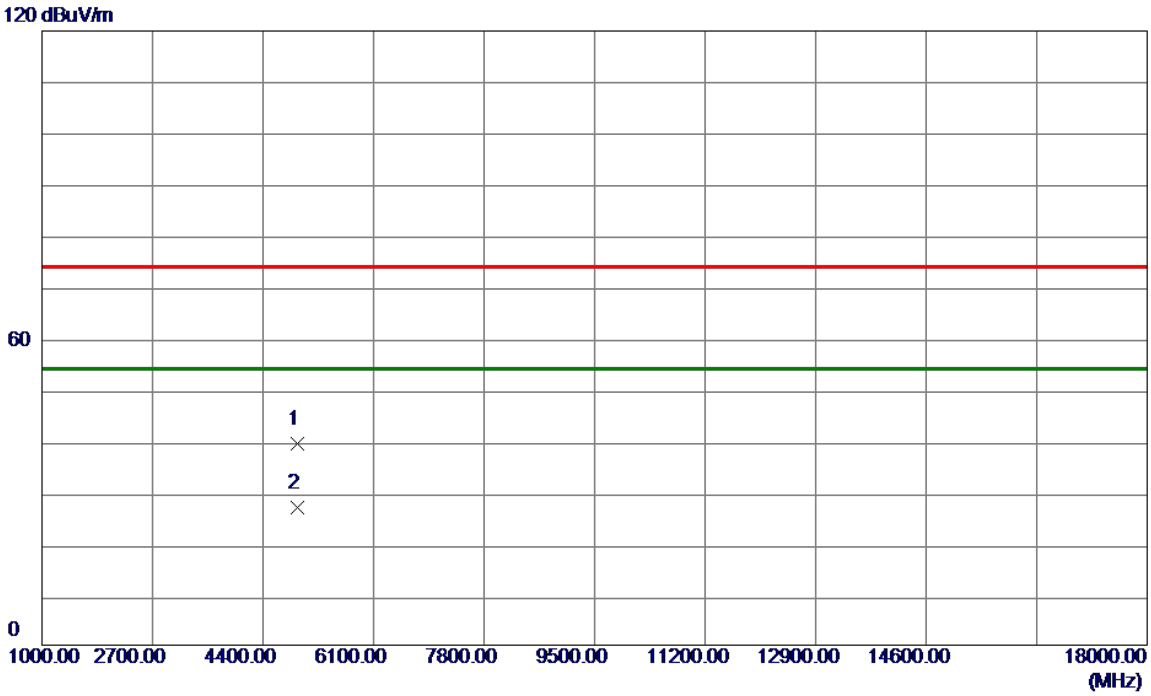
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	48.84	-8.54	40.30	74.00	-33.70	Peak	
2 *	4874.0000	37.55	-8.54	29.01	54.00	-24.99	AVG	

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

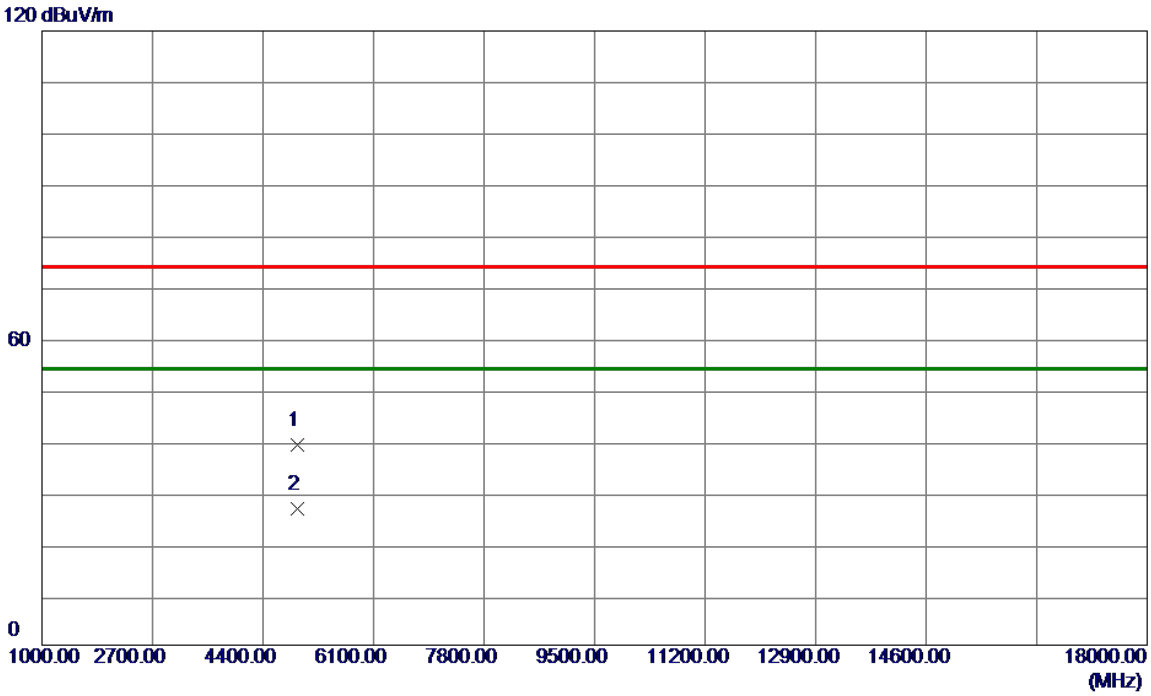
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	47.82	-8.44	39.38	74.00	-34.62	Peak	
2 *	4924.0000	35.28	-8.44	26.84	54.00	-27.16	AVG	

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

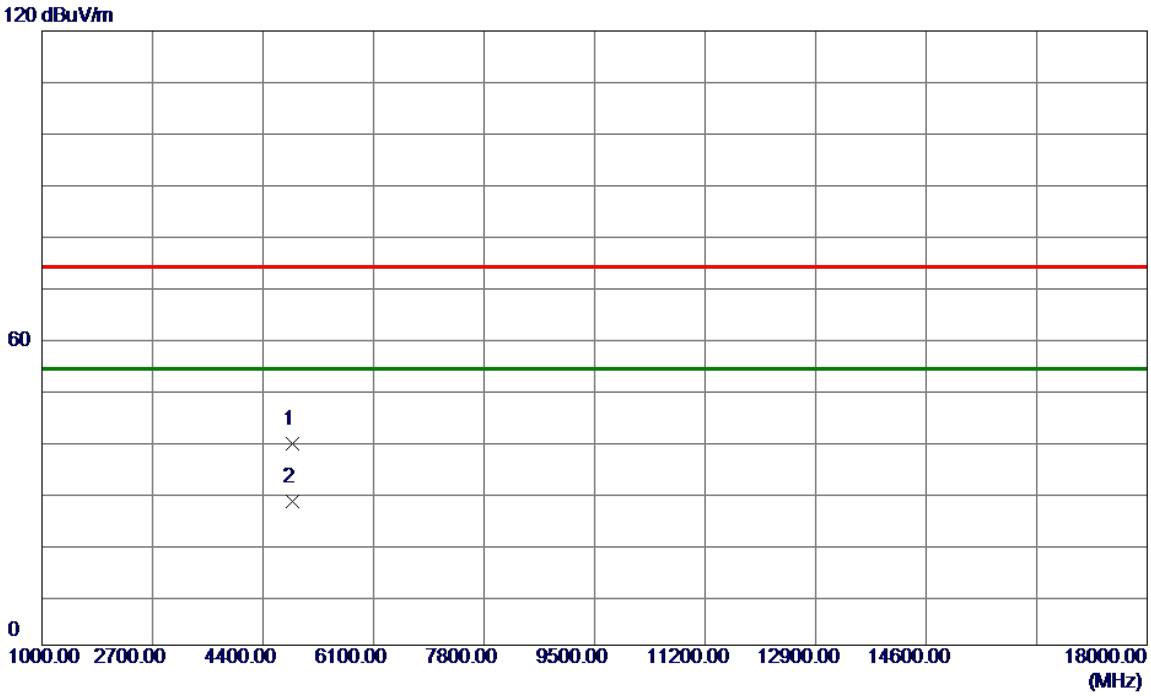
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	47.58	-8.44	39.14	74.00	-34.86	Peak	
2 *	4924.0000	35.12	-8.44	26.68	54.00	-27.32	AVG	

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

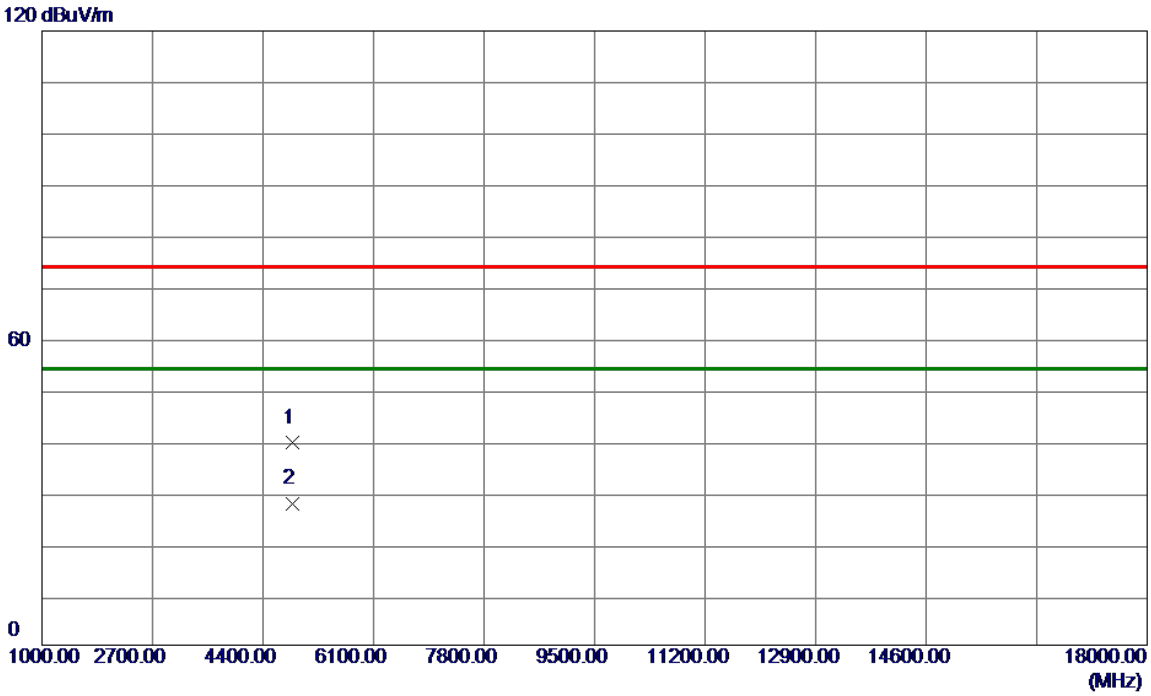
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/12/23
Test Frequency	2422MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	48.08	-8.61	39.47	74.00	-34.53	Peak	
2 *	4844.0000	36.58	-8.61	27.97	54.00	-26.03	AVG	

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

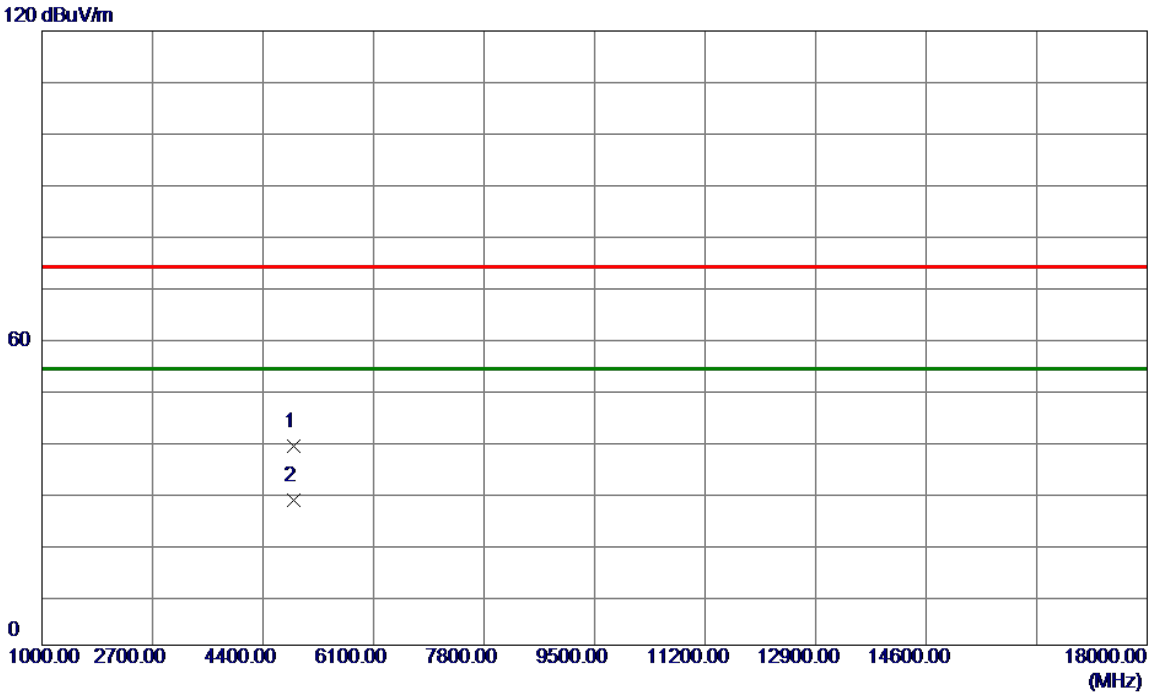
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/12/23
Test Frequency	2422MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	48.15	-8.61	39.54	74.00	-34.46	Peak	
2 *	4844.0000	36.33	-8.61	27.72	54.00	-26.28	AVG	

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

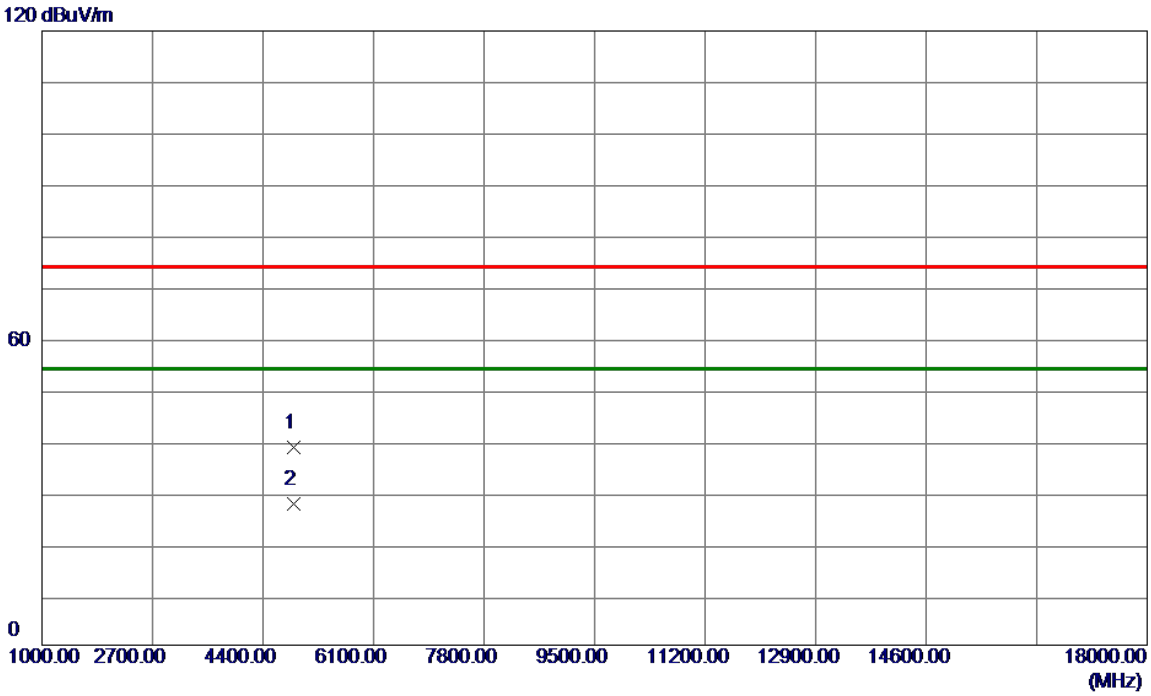
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	47.46	-8.54	38.92	74.00	-35.08	Peak	
2 *	4874.0000	36.88	-8.54	28.34	54.00	-25.66	AVG	

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

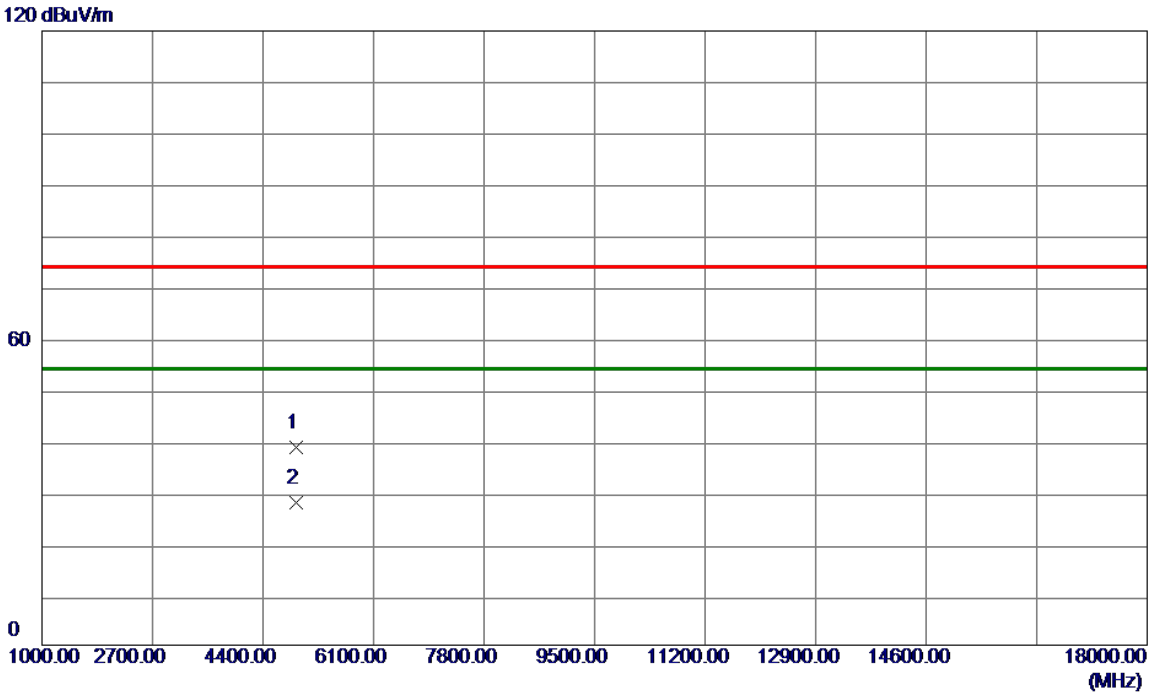
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	47.07	-8.54	38.53	74.00	-35.47	Peak	
2 *	4874.0000	36.13	-8.54	27.59	54.00	-26.41	AVG	

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

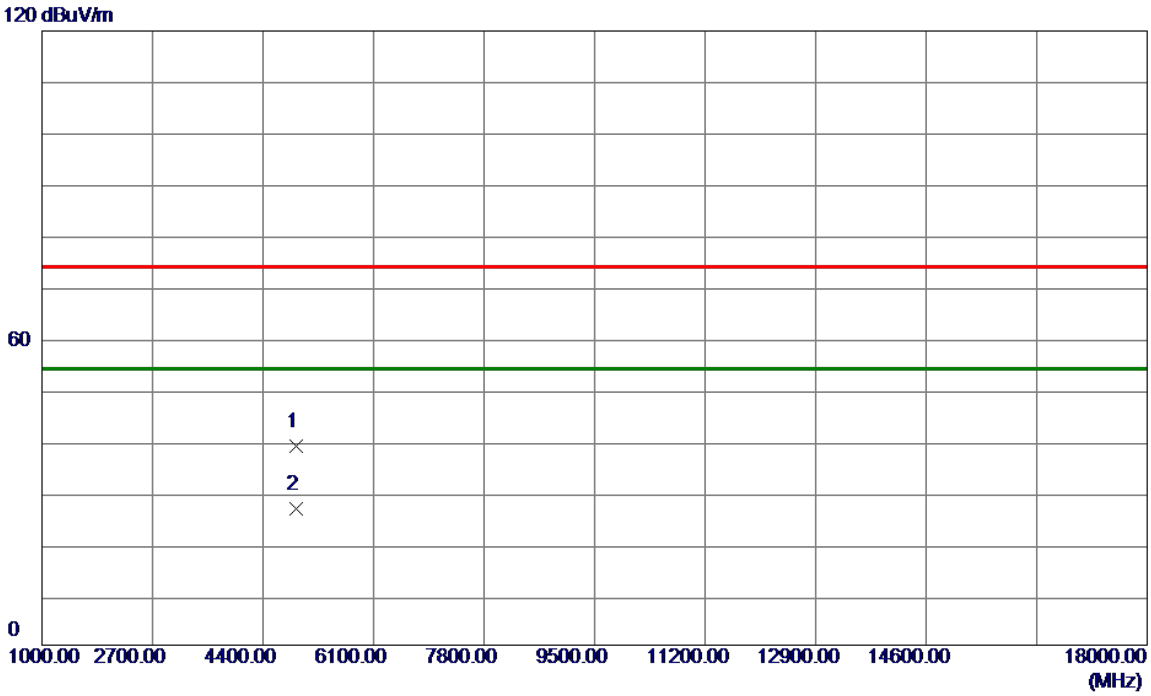
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/12/23
Test Frequency	2452MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	47.17	-8.48	38.69	74.00	-35.31	Peak	
2 *	4904.0000	36.24	-8.48	27.76	54.00	-26.24	AVG	

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

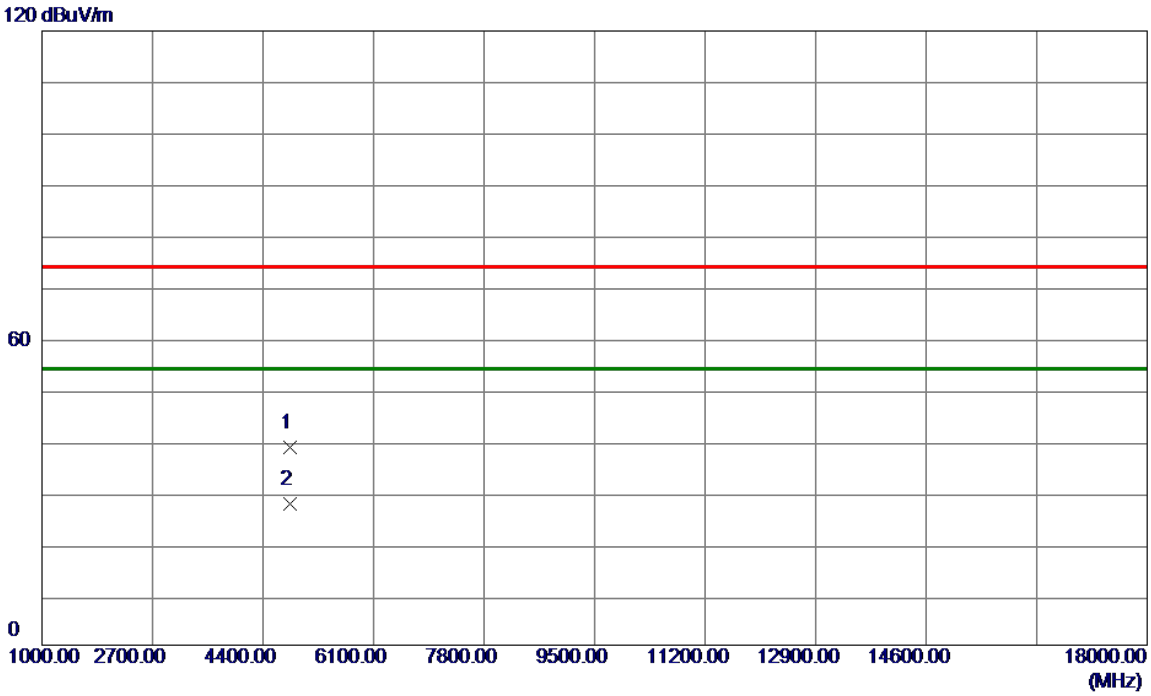
Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/12/23
Test Frequency	2452MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	47.29	-8.48	38.81	74.00	-35.19	Peak	
2 *	4904.0000	35.22	-8.48	26.74	54.00	-27.26	AVG	

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

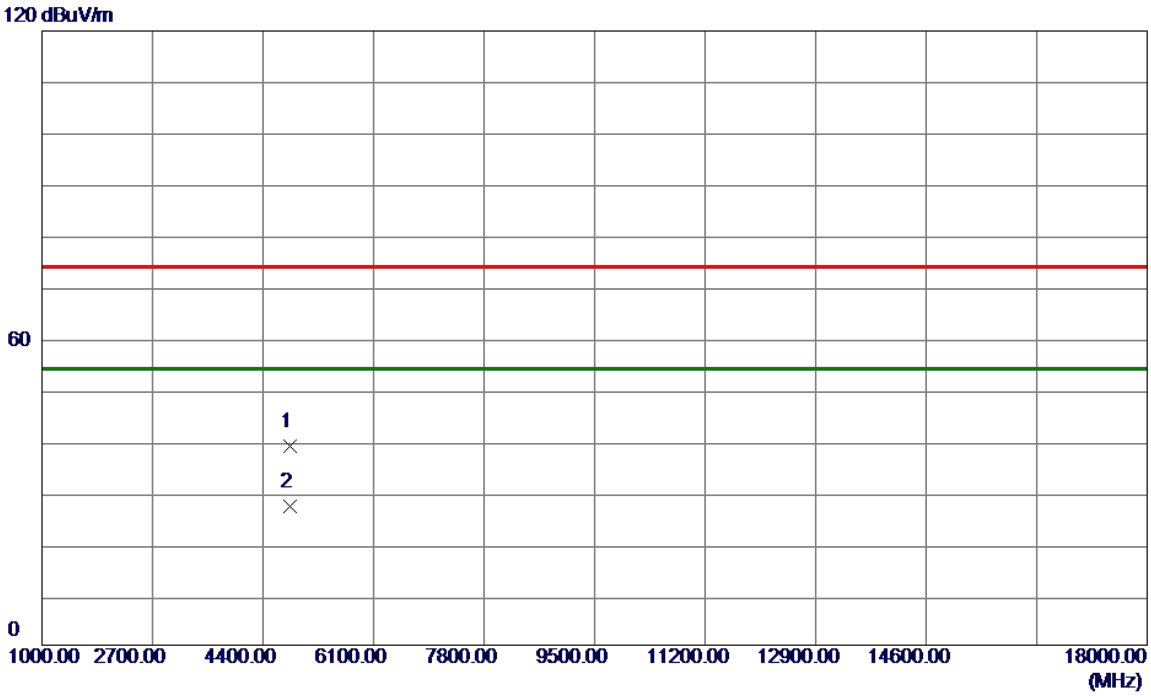
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	47.27	-8.65	38.62	74.00	-35.38	Peak	
2 *	4824.0000	36.25	-8.65	27.60	54.00	-26.40	AVG	

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

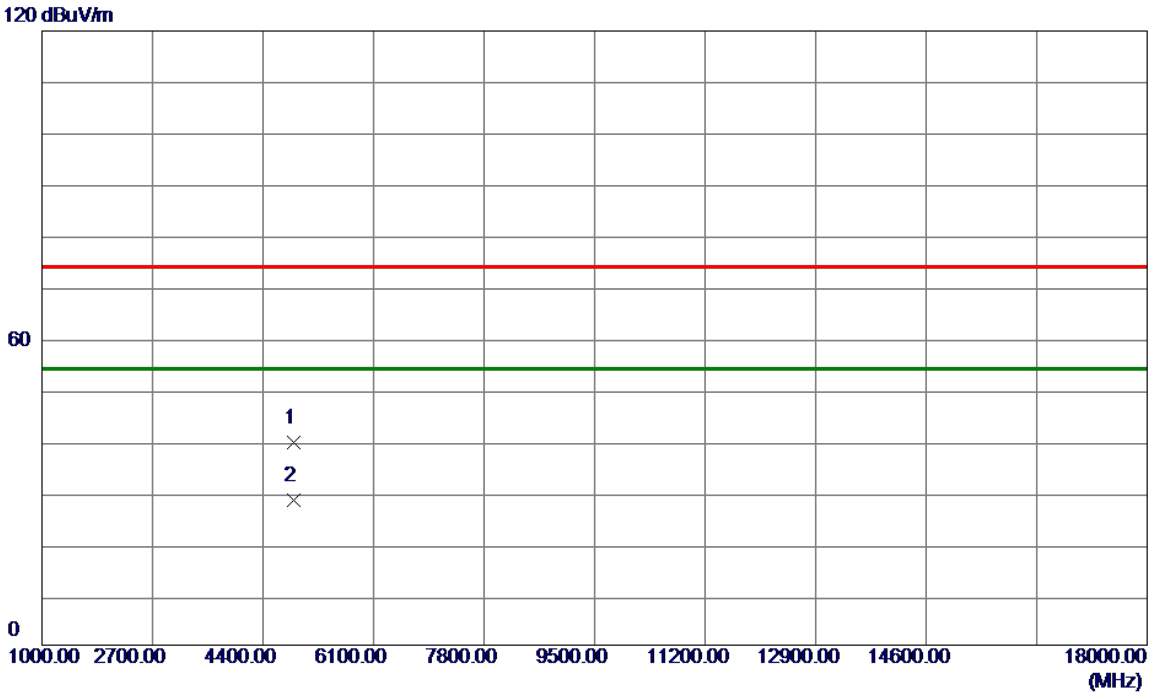
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/12/23
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.0000	47.60	-8.65	38.95	74.00	-35.05	Peak	
2 *	4824.0000	35.68	-8.65	27.03	54.00	-26.97	AVG	

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

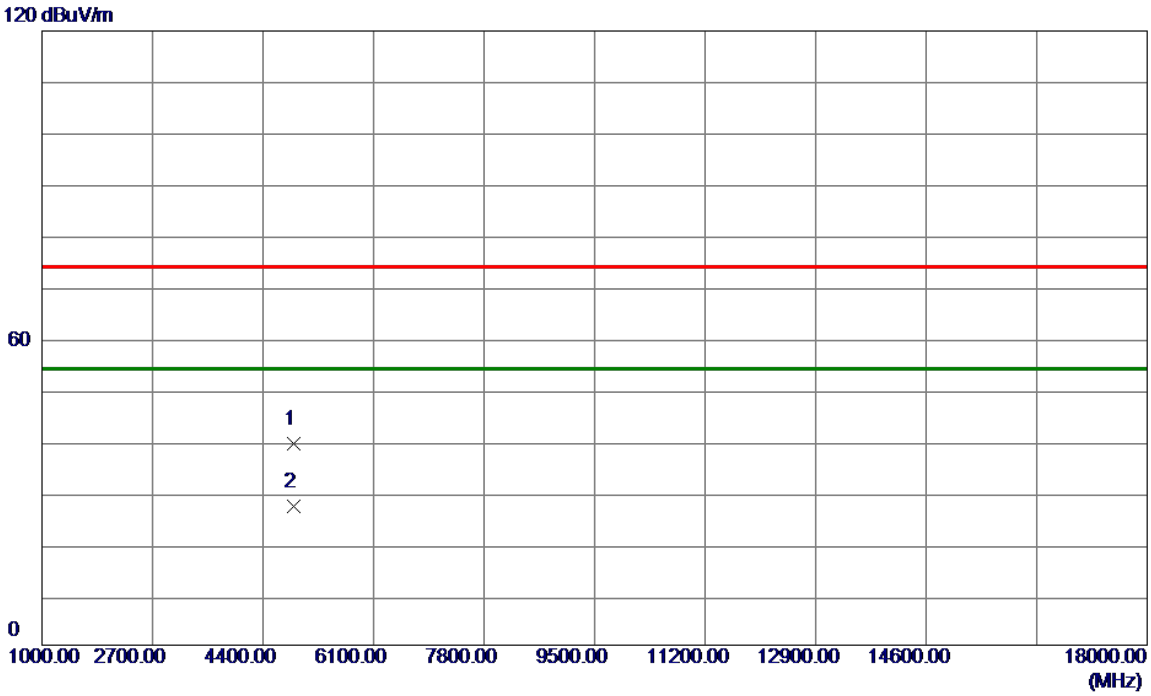
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	48.08	-8.54	39.54	74.00	-34.46	Peak	
2 *	4874.0000	36.91	-8.54	28.37	54.00	-25.63	AVG	

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

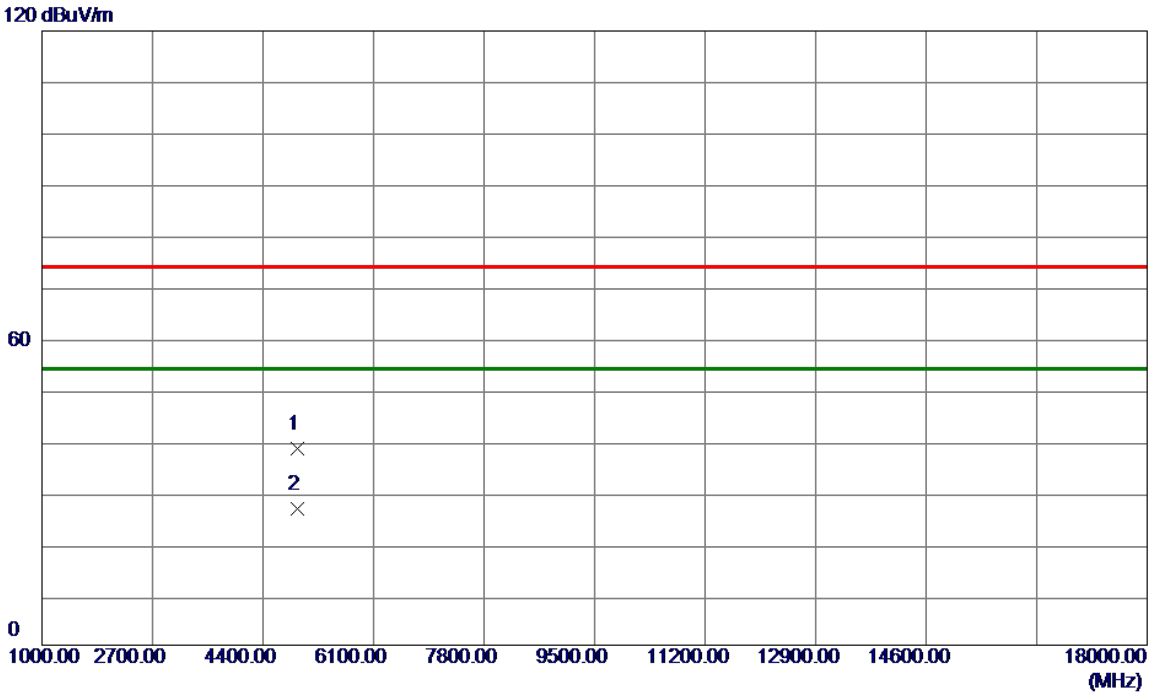
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	47.81	-8.54	39.27	74.00	-34.73	Peak	
2 *	4874.0000	35.67	-8.54	27.13	54.00	-26.87	AVG	

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

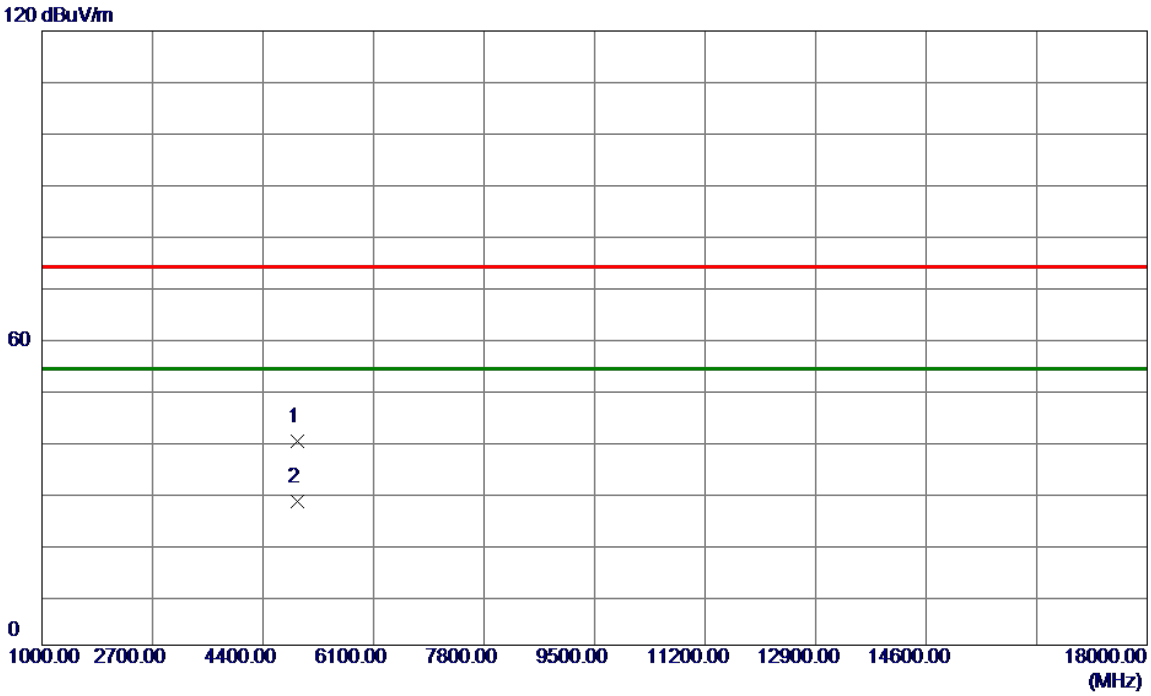
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	46.77	-8.44	38.33	74.00	-35.67	Peak	
2 *	4924.0000	35.19	-8.44	26.75	54.00	-27.25	AVG	

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

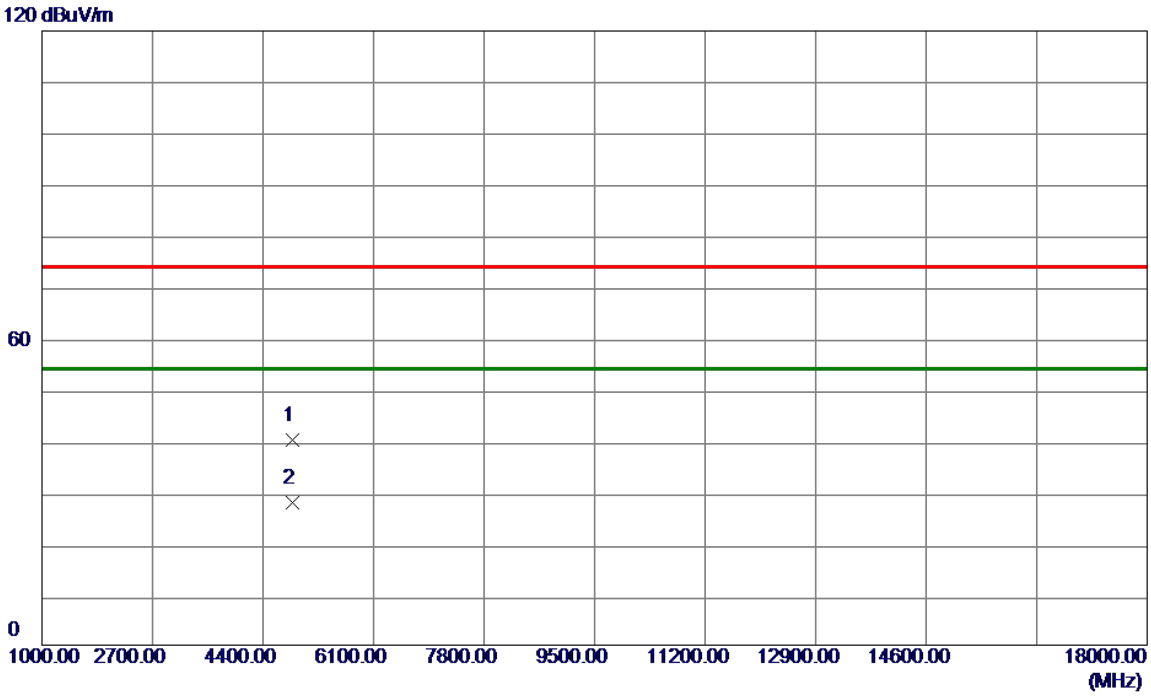
Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/12/23
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	48.26	-8.44	39.82	74.00	-34.18	Peak	
2 *	4924.0000	36.57	-8.44	28.13	54.00	-25.87	AVG	

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

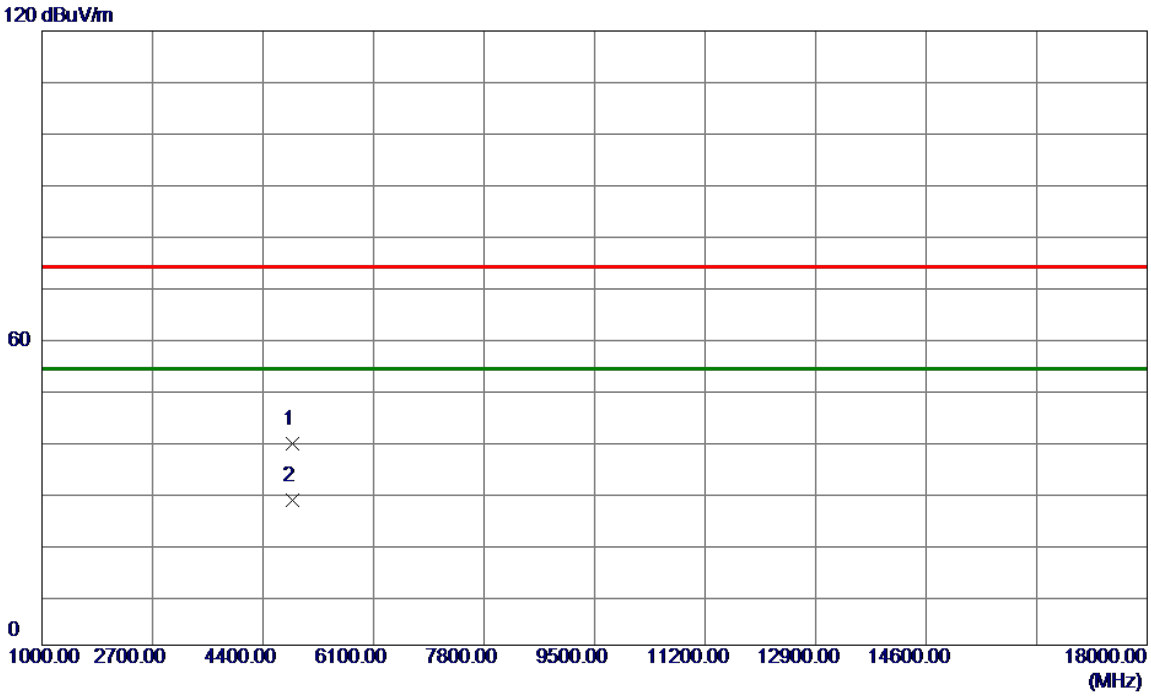
Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/12/23
Test Frequency	2422MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	48.69	-8.61	40.08	74.00	-33.92	Peak	
2 *	4844.0000	36.48	-8.61	27.87	54.00	-26.13	AVG	

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

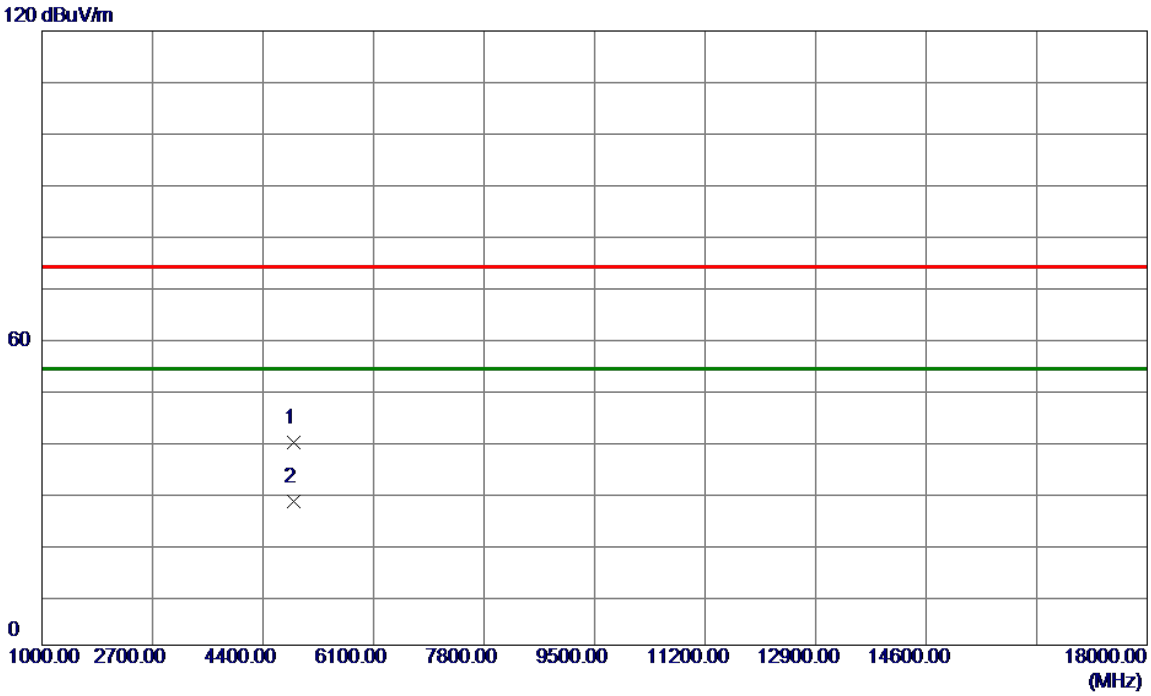
Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/12/23
Test Frequency	2422MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.0000	48.08	-8.61	39.47	74.00	-34.53	Peak	
2 *	4844.0000	36.99	-8.61	28.38	54.00	-25.62	AVG	

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

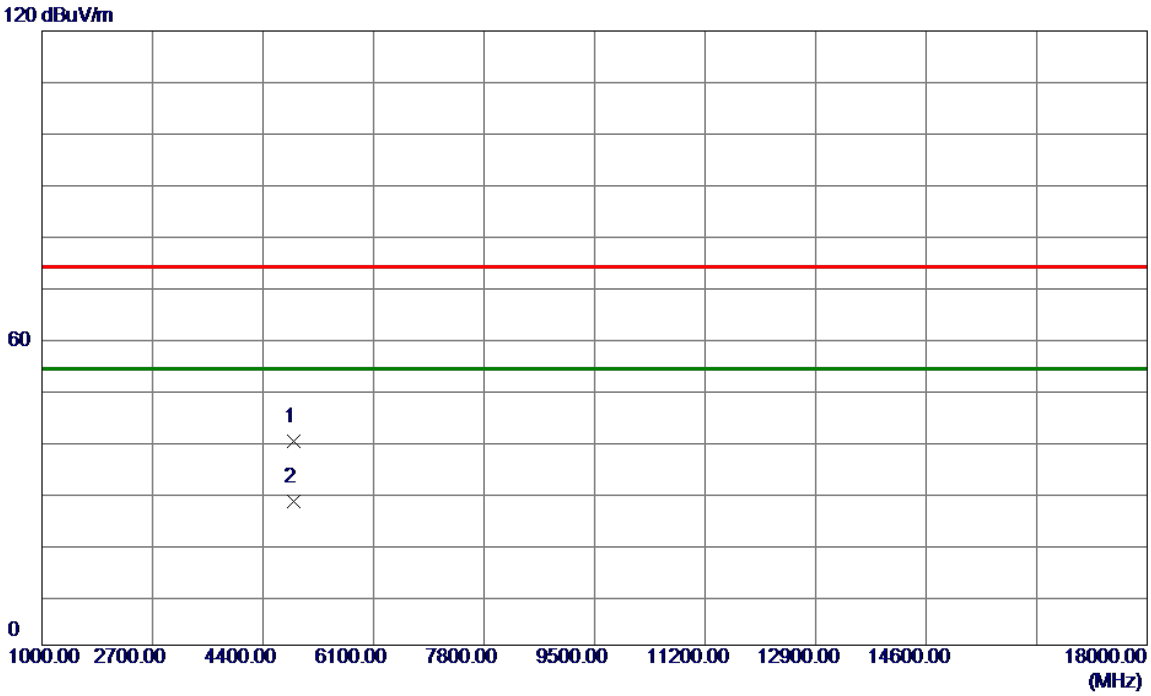
Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	48.20	-8.54	39.66	74.00	-34.34	Peak	
2 *	4874.0000	36.56	-8.54	28.02	54.00	-25.98	AVG	

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

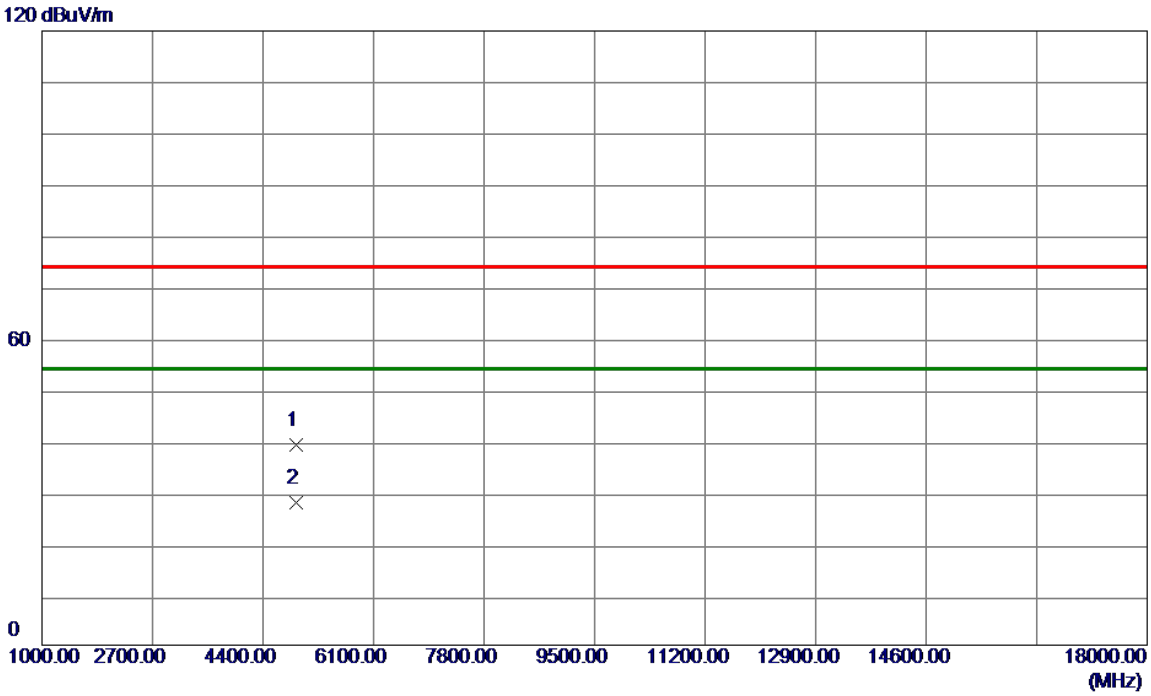
Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	48.41	-8.54	39.87	74.00	-34.13	Peak	
2 *	4874.0000	36.53	-8.54	27.99	54.00	-26.01	AVG	

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

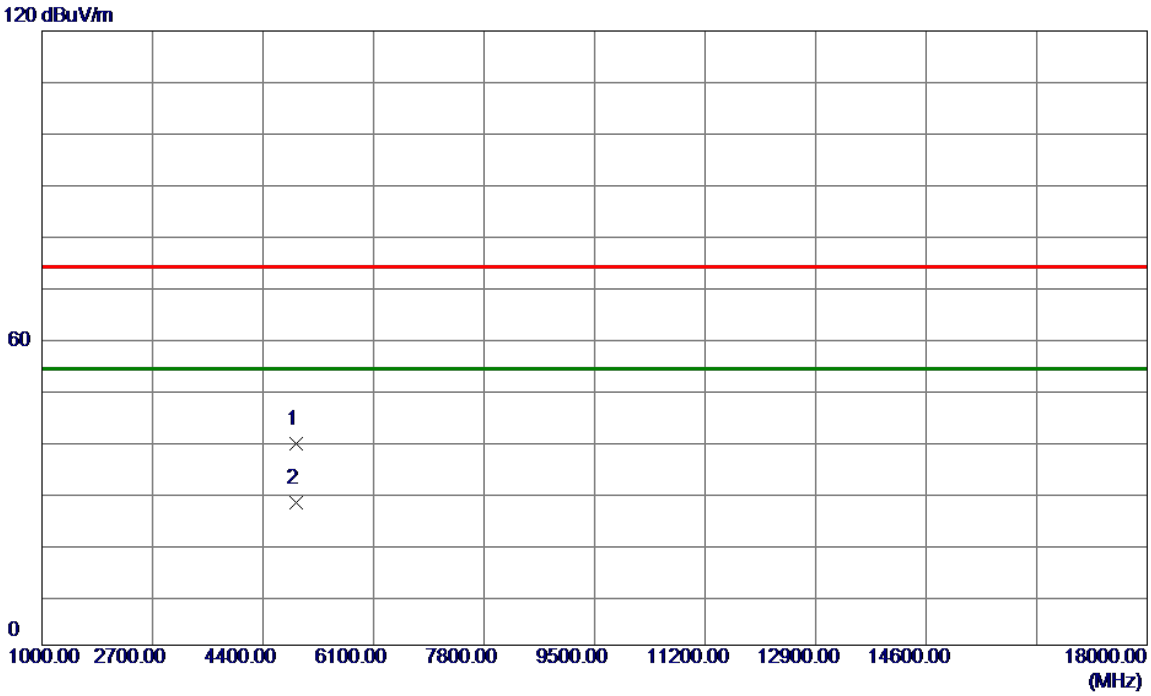
Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/12/23
Test Frequency	2452MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	47.68	-8.48	39.20	74.00	-34.80	Peak	
2 *	4904.0000	36.21	-8.48	27.73	54.00	-26.27	AVG	

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

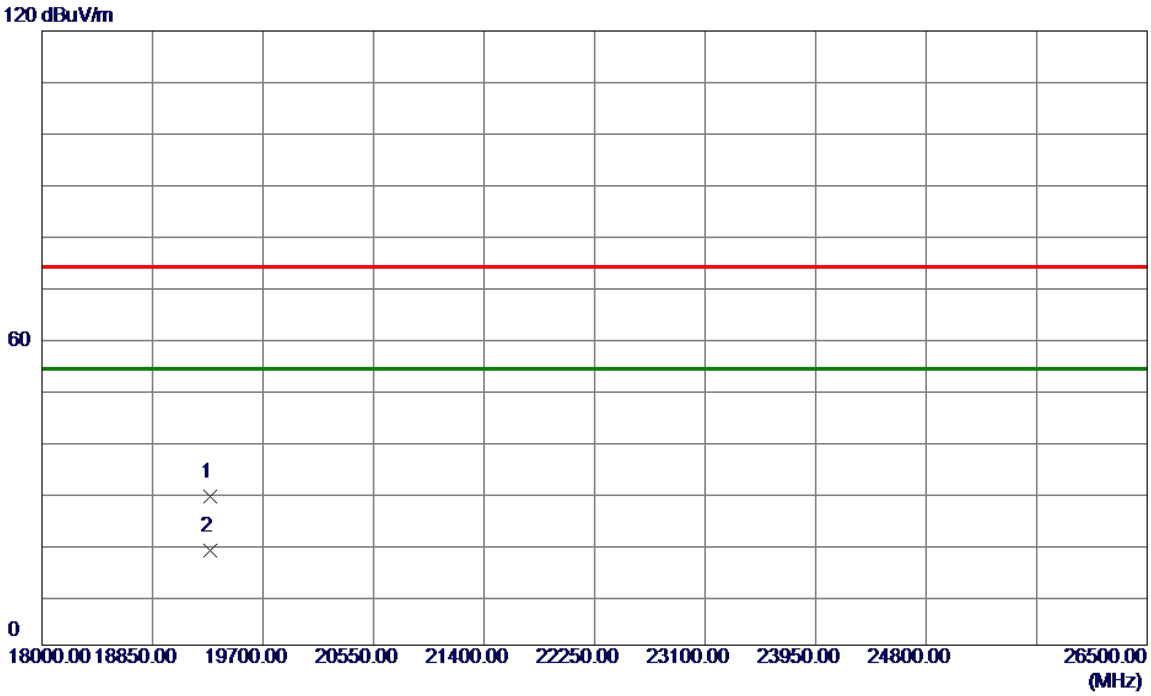
Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/12/23
Test Frequency	2452MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.0000	47.81	-8.48	39.33	74.00	-34.67	Peak	
2 *	4904.0000	36.36	-8.48	27.88	54.00	-26.12	AVG	

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

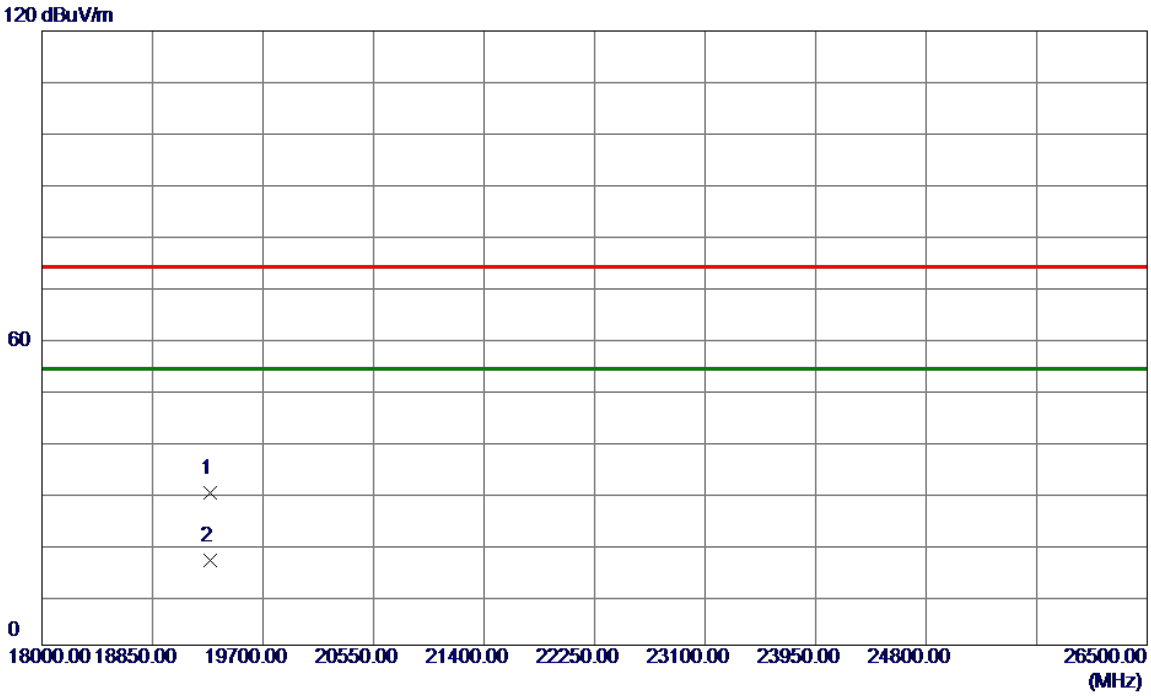
Test Mode	IEEE 802.11g	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	19296.0000	39.06	-10.01	29.05	74.00	-44.95	Peak	
2 *	19296.0000	28.51	-10.01	18.50	54.00	-35.50	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2024/12/23
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	19296.0000	39.77	-10.01	29.76	74.00	-44.24	Peak	
2 *	19296.0000	26.57	-10.01	16.56	54.00	-37.44	AVG	

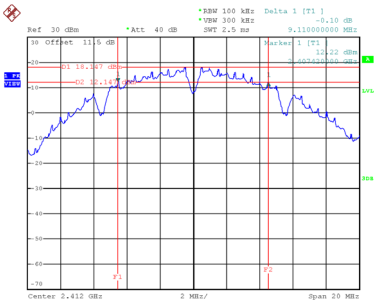
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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	9.110	14.080	0.5	Complies
06	2437	7.590	13.280	0.5	Complies
11	2462	7.717	14.720	0.5	Complies

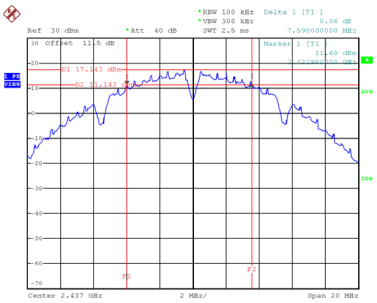
CH01



Date: 23.DEC.2024 16:19:09

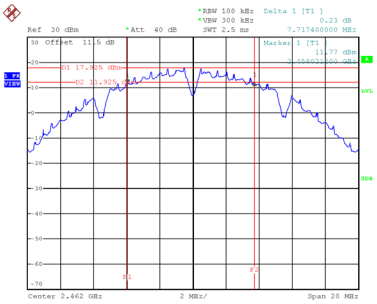
CH06

6 dB Bandwidth

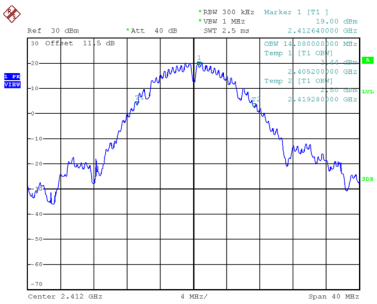


Date: 23.DEC.2024 16:41:04

CH11

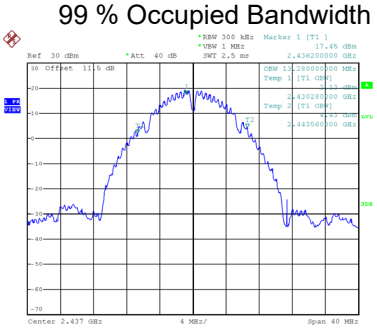


Date: 23.DEC.2024 16:43:11

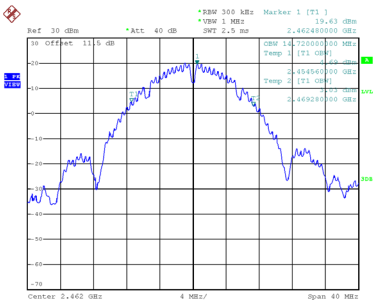


Date: 23.DEC.2024 16:19:18

99 % Occupied Bandwidth



Date: 23.DEC.2024 16:41:13

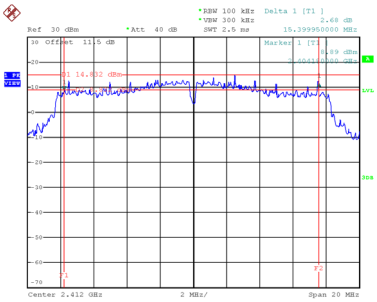


Date: 23.DEC.2024 16:43:19

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	15.400	16.880	0.5	Complies
06	2437	13.880	16.880	0.5	Complies
11	2462	13.249	16.960	0.5	Complies

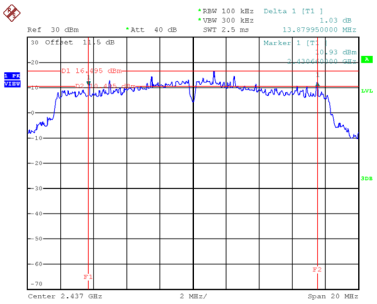
CH01



Date: 23.DEC.2024 16:51:40

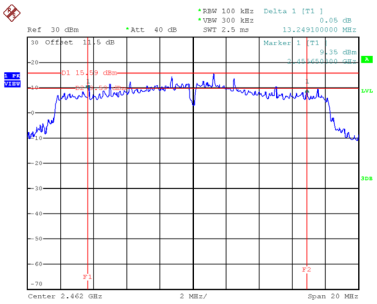
CH06

6 dB Bandwidth

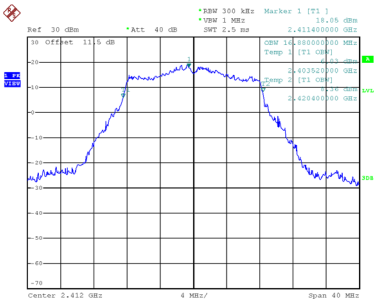


Date: 23.DEC.2024 16:54:21

CH11

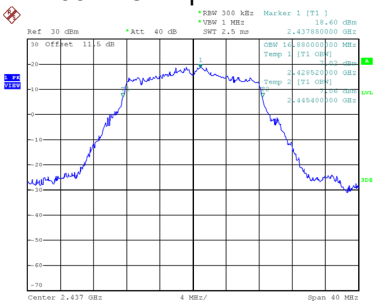


Date: 23.DEC.2024 16:56:03

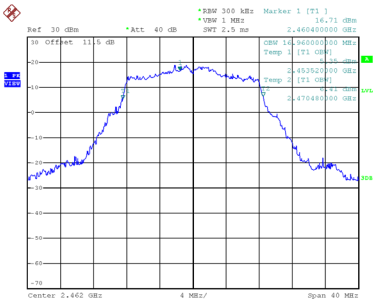


Date: 23.DEC.2024 16:51:49

99 % Occupied Bandwidth



Date: 23.DEC.2024 16:54:30

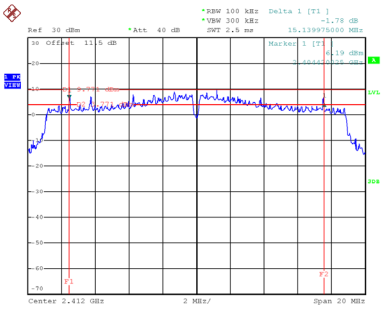


Date: 23.DEC.2024 16:56:12

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	15.140	17.920	0.5	Complies
06	2437	17.620	17.920	0.5	Complies
11	2462	17.620	18.000	0.5	Complies

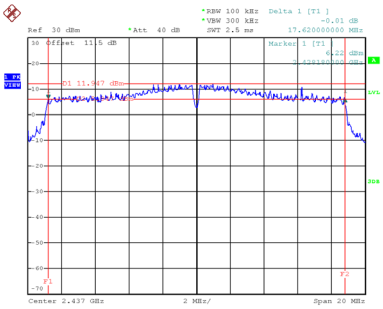
CH01



Date: 23.DEC.2024 17:04:35

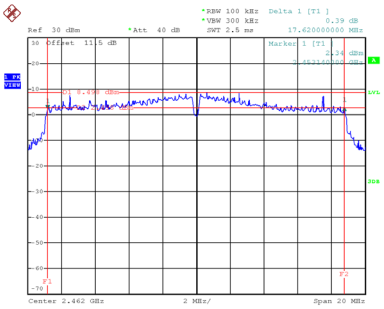
CH06

6 dB Bandwidth



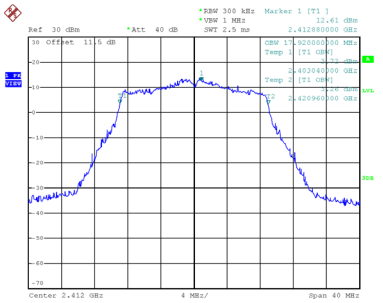
Date: 23.DEC.2024 17:06:52

CH11

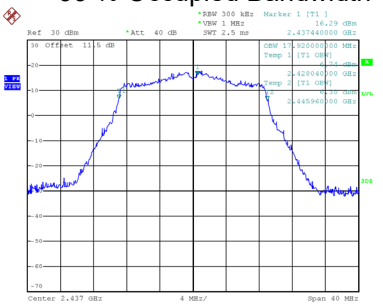


Date: 23.DEC.2024 17:09:52

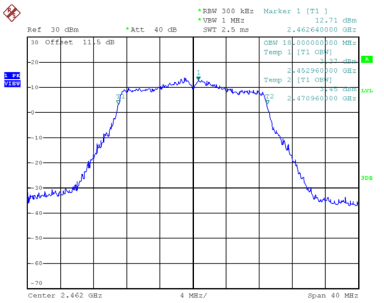
99 % Occupied Bandwidth



Date: 23.DEC.2024 17:04:43



Date: 23.DEC.2024 17:07:01

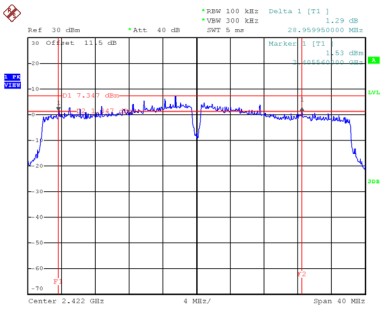


Date: 23.DEC.2024 17:10:01

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	28.960	36.800	0.5	Complies
06	2437	26.479	36.960	0.5	Complies
09	2452	32.640	37.120	0.5	Complies

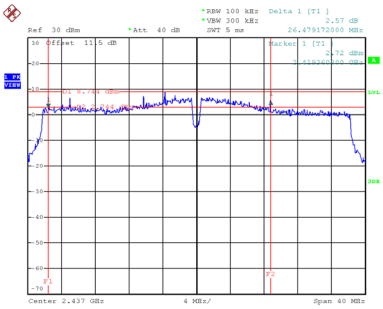
CH03



Date: 23.DEC.2024 17:33:19

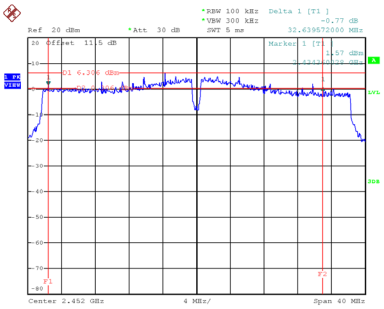
CH06

6 dB Bandwidth

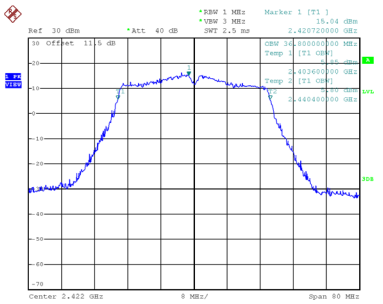


Date: 23.DEC.2024 17:38:31

CH09

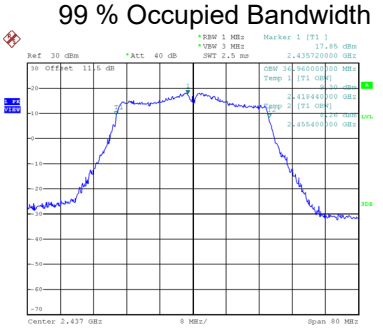


Date: 23.DEC.2024 17:44:37

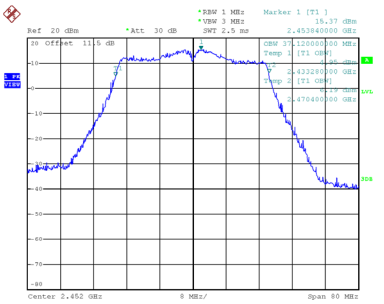


Date: 23.DEC.2024 17:33:28

99 % Occupied Bandwidth



Date: 23.DEC.2024 17:38:40

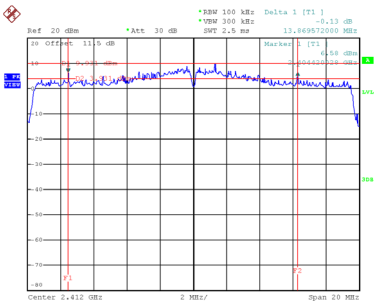


Date: 23.DEC.2024 17:44:47

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	13.870	19.040	0.5	Complies
06	2437	18.420	18.960	0.5	Complies
11	2462	13.260	19.040	0.5	Complies

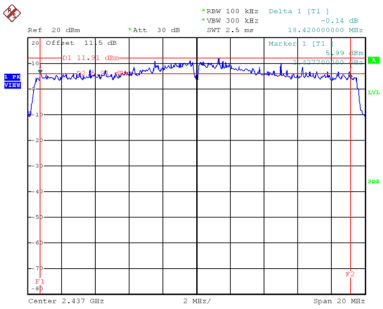
CH01



Date: 24.DEC.2024 13:28:23

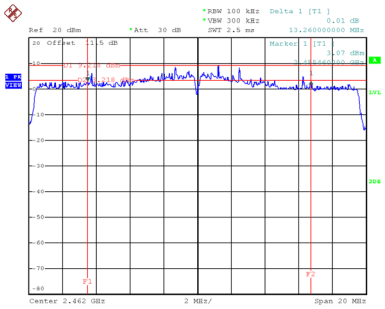
CH06

6 dB Bandwidth



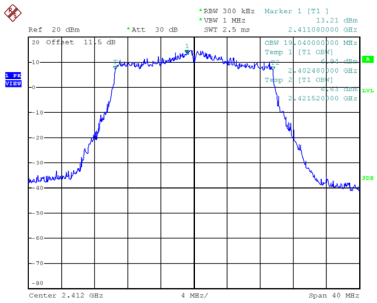
Date: 24.DEC.2024 13:32:43

CH11

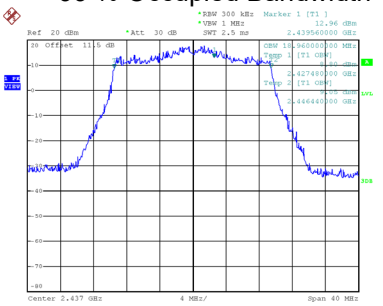


Date: 24.DEC.2024 13:36:53

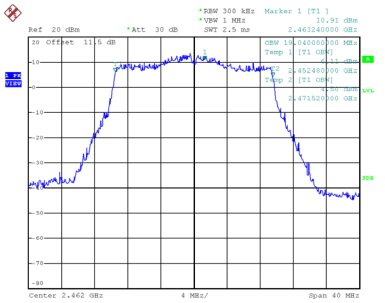
99 % Occupied Bandwidth



Date: 24.DEC.2024 13:28:31



Date: 24.DEC.2024 13:32:52

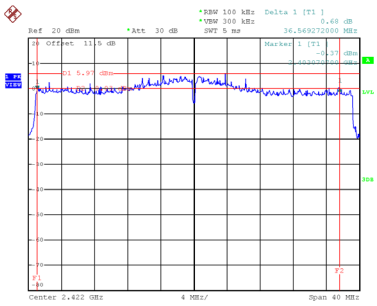


Date: 24.DEC.2024 13:37:02

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	36.569	38.240	0.5	Complies
06	2437	35.360	38.240	0.5	Complies
09	2452	37.360	38.080	0.5	Complies

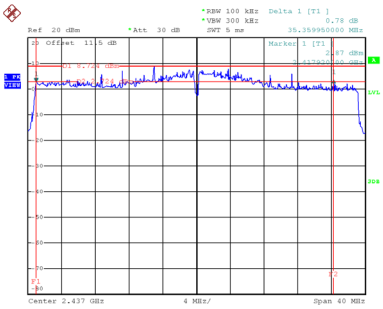
CH03



Date: 24.DEC.2024 15:49:21

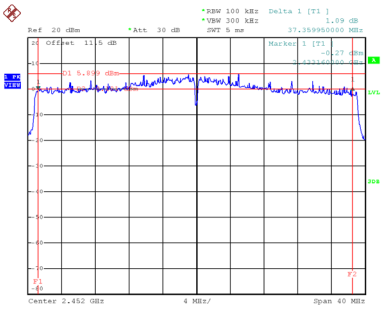
CH06

6 dB Bandwidth

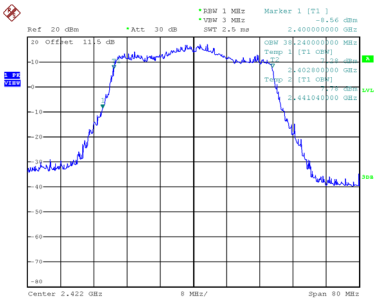


Date: 24.DEC.2024 13:53:54

CH09

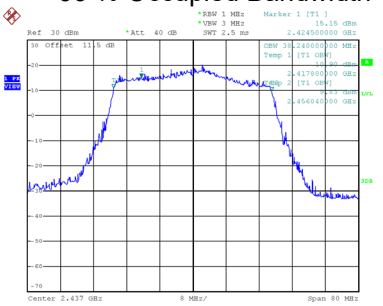


Date: 24.DEC.2024 13:56:25

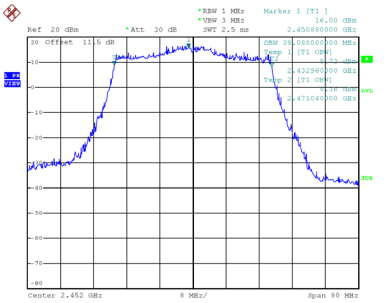


Date: 24.DEC.2024 13:48:02

99 % Occupied Bandwidth



Date: 24.DEC.2024 16:52:57

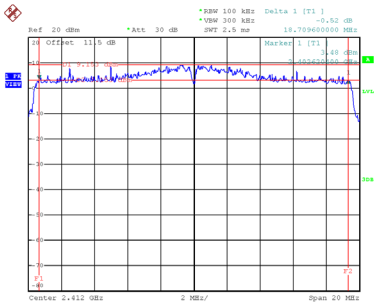


Date: 24.DEC.2024 13:56:34

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	18.710	19.040	0.5	Complies
06	2437	17.510	19.040	0.5	Complies
11	2462	15.100	19.040	0.5	Complies

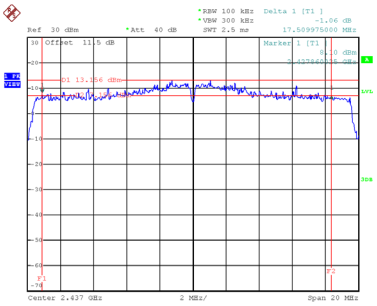
CH01



Date: 24.DEC.2024 14:02:29

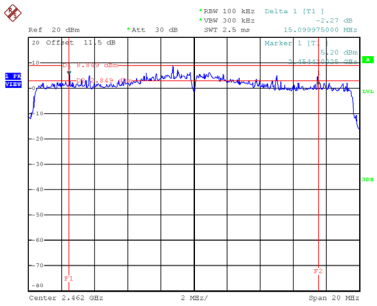
CH06

6 dB Bandwidth

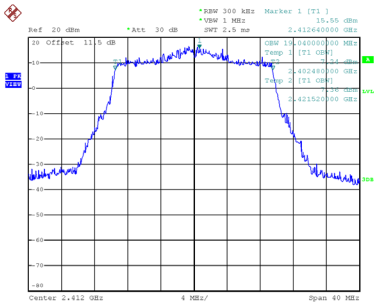


Date: 24.DEC.2024 14:07:36

CH11

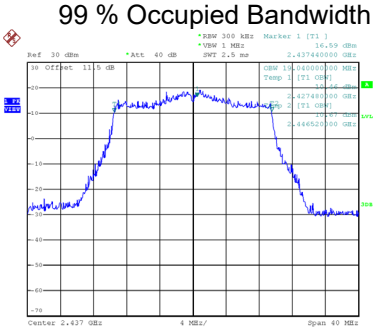


Date: 24.DEC.2024 14:10:19

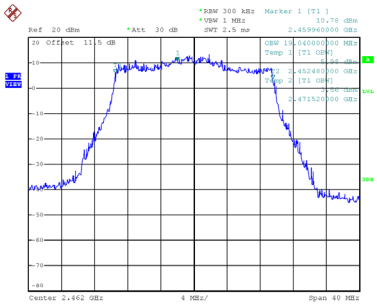


Date: 24.DEC.2024 14:02:37

99 % Occupied Bandwidth



Date: 24.DEC.2024 14:07:45

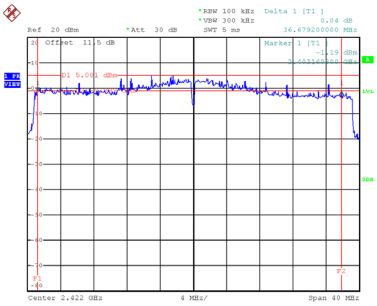


Date: 24.DEC.2024 14:10:28

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	36.679	38.080	0.5	Complies
06	2437	37.480	38.080	0.5	Complies
09	2452	34.680	38.240	0.5	Complies

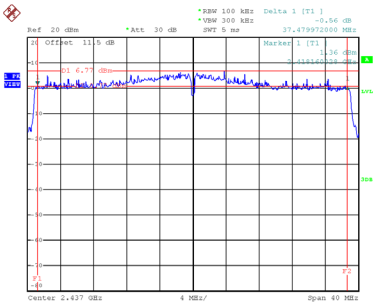
CH03



Date: 24.DEC.2024 14:14:47

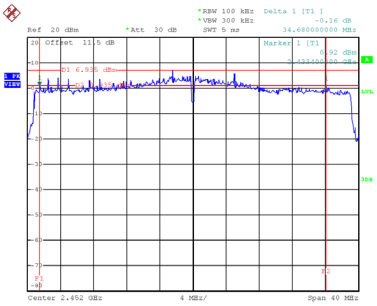
CH06

6 dB Bandwidth

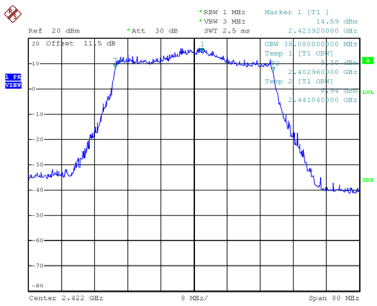


Date: 24.DEC.2024 14:16:51

CH09

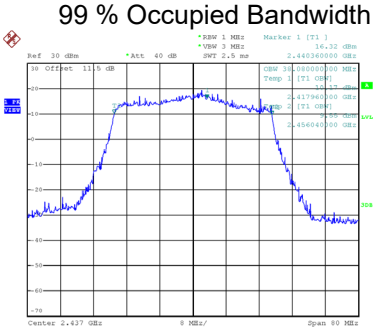


Date: 24.DEC.2024 14:27:00

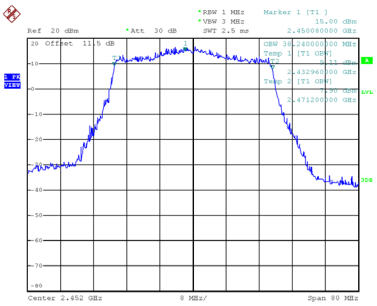


Date: 24.DEC.2024 14:14:55

99 % Occupied Bandwidth



Date: 24.DEC.2024 16:57:51



Date: 24.DEC.2024 14:27:09

APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_ Ant 1	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.08	0.00	22.08	29.82	0.9594	Complies
06	2437	26.93	0.00	26.93	29.82	0.9594	Complies
11	2462	22.29	0.00	22.29	29.82	0.9594	Complies

Test Mode	IEEE 802.11g_ Ant 1	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.89	0.00	20.89	29.82	0.9594	Complies
06	2437	27.01	0.00	27.01	29.82	0.9594	Complies
11	2462	17.73	0.00	17.73	29.82	0.9594	Complies

Test Mode	IEEE 802.11n (HT20)_ Ant 1	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.56	0.00	17.56	29.82	0.9594	Complies
06	2437	23.79	0.00	23.79	29.82	0.9594	Complies
11	2462	16.84	0.00	16.84	29.82	0.9594	Complies

Test Mode	IEEE 802.11n (HT20)_ Ant 2	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.54	0.00	17.54	29.82	0.9594	Complies
06	2437	23.64	0.00	23.64	29.82	0.9594	Complies
11	2462	16.72	0.00	16.72	29.82	0.9594	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.56	29.82	0.9594	Complies
06	2437	26.73	29.82	0.9594	Complies
11	2462	19.79	29.82	0.9594	Complies

Test Mode	IEEE 802.11n (HT40)_ Ant 1	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	14.31	0.00	14.31	29.82	0.9594	Complies
06	2437	21.96	0.00	21.96	29.82	0.9594	Complies
09	2452	15.48	0.00	15.48	29.82	0.9594	Complies

Test Mode	IEEE 802.11n (HT40)_ Ant 2	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	14.28	0.00	14.28	29.82	0.9594	Complies
06	2437	21.83	0.00	21.83	29.82	0.9594	Complies
09	2452	15.46	0.00	15.46	29.82	0.9594	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	17.31	29.82	0.9594	Complies
06	2437	24.91	29.82	0.9594	Complies
09	2452	18.48	29.82	0.9594	Complies

Test Mode	IEEE 802.11ax (HE20)_ Ant 1	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.89	0.00	17.89	29.82	0.9594	Complies
06	2437	24.59	0.00	24.59	29.82	0.9594	Complies
11	2462	19.47	0.00	19.47	29.82	0.9594	Complies

Test Mode	IEEE 802.11ax (HE20)_ Ant 2	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.80	0.00	17.80	29.82	0.9594	Complies
06	2437	22.93	0.00	22.93	29.82	0.9594	Complies
11	2462	18.98	0.00	18.98	29.82	0.9594	Complies

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.86	29.82	0.9594	Complies
06	2437	26.85	29.82	0.9594	Complies
11	2462	22.24	29.82	0.9594	Complies

Test Mode	IEEE 802.11ax (HE40)_ Ant 1	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.29	0.00	15.29	29.82	0.9594	Complies
06	2437	21.97	0.00	21.97	29.82	0.9594	Complies
09	2452	16.53	0.00	16.53	29.82	0.9594	Complies

Test Mode	IEEE 802.11ax (HE40)_ Ant 2	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.33	0.00	15.33	29.82	0.9594	Complies
06	2437	21.95	0.00	21.95	29.82	0.9594	Complies
09	2452	16.32	0.00	16.32	29.82	0.9594	Complies

Test Mode	IEEE 802.11ax (HE40)_Total	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	18.32	29.82	0.9594	Complies
06	2437	24.97	29.82	0.9594	Complies
09	2452	19.44	29.82	0.9594	Complies

Test Mode	IEEE 802.11be (EHT20)_ Ant 1	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.85	0.00	17.85	29.82	0.9594	Complies
06	2437	23.89	0.00	23.89	29.82	0.9594	Complies
11	2462	17.83	0.00	17.83	29.82	0.9594	Complies

Test Mode	IEEE 802.11be (EHT20)_ Ant 2	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.58	0.00	17.58	29.82	0.9594	Complies
06	2437	23.87	0.00	23.87	29.82	0.9594	Complies
11	2462	17.64	0.00	17.64	29.82	0.9594	Complies

Test Mode	IEEE 802.11be (EHT20)_Total	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.73	29.82	0.9594	Complies
06	2437	26.89	29.82	0.9594	Complies
11	2462	20.75	29.82	0.9594	Complies

Test Mode	IEEE 802.11be (EHT40)_ Ant 1	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.12	0.00	15.12	29.82	0.9594	Complies
06	2437	21.43	0.00	21.43	29.82	0.9594	Complies
09	2452	16.20	0.00	16.20	29.82	0.9594	Complies

Test Mode	IEEE 802.11be (EHT40)_ Ant 2	Tested Date	2024/12/11 ~ 2025/1/15

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	14.96	0.00	14.96	29.82	0.9594	Complies
06	2437	21.27	0.00	21.27	29.82	0.9594	Complies
09	2452	16.26	0.00	16.26	29.82	0.9594	Complies

Test Mode	IEEE 802.11be (EHT40)_Total	Tested Date	2024/12/11 ~ 2025/1/15

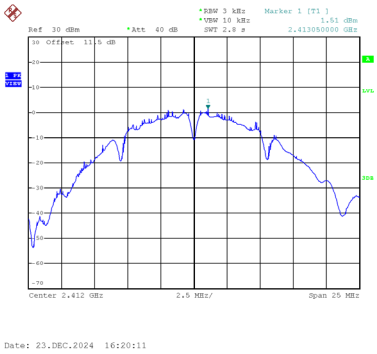
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	18.05	29.82	0.9594	Complies
06	2437	24.36	29.82	0.9594	Complies
09	2452	19.24	29.82	0.9594	Complies

APPENDIX F POWER SPECTRAL DENSITY

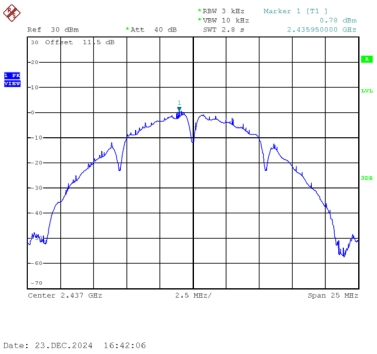
Test Mode	IEEE 802.11b_Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	1.51	7.82	Complies
06	2437	0.78	7.82	Complies
11	2462	1.44	7.82	Complies

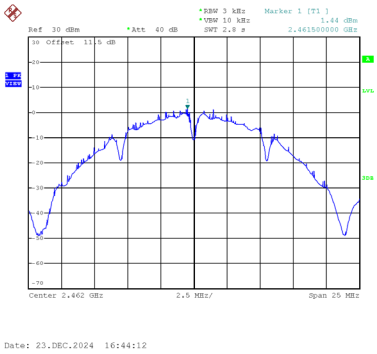
CH01



CH06



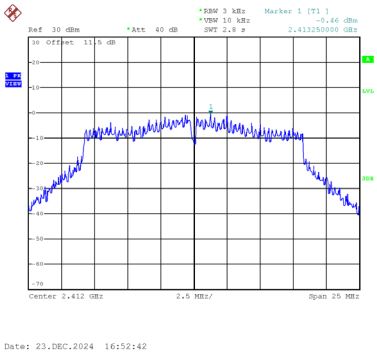
CH11



Test Mode	IEEE 802.11g_ Ant 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-0.46	7.82	Complies
06	2437	-1.67	7.82	Complies
11	2462	-0.39	7.82	Complies

CH01



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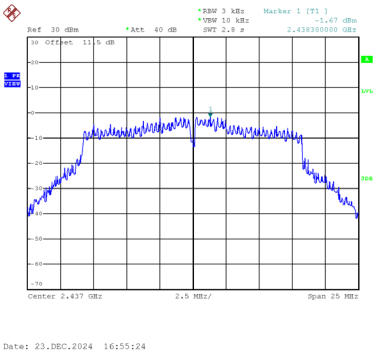
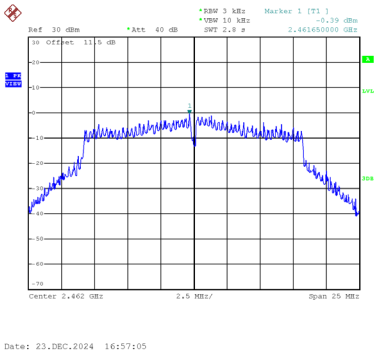


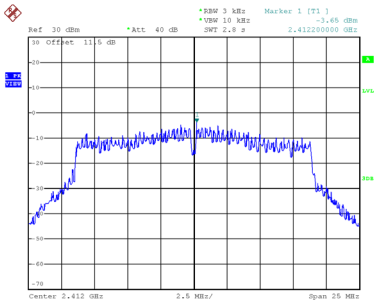
CH11



Test Mode	IEEE 802.11n (HT20)_ Ant 1

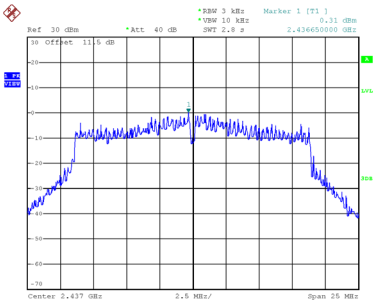
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-3.65	7.82	Complies
06	2437	0.31	7.82	Complies
11	2462	-4.49	7.82	Complies

CH01



Date: 23.DEC.2024 17:05:36

CH06



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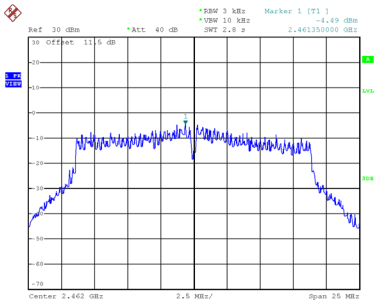
CH11

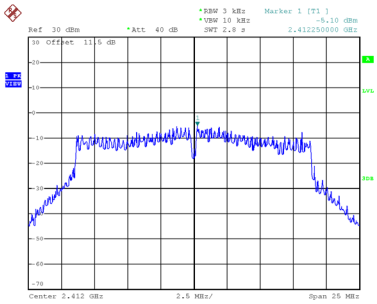


Date: 23.DEC.2024 17:10:54

Test Mode	IEEE 802.11n (HT20)_ Ant 2

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-5.10	7.82	Complies
06	2437	-0.38	7.82	Complies
11	2462	-3.38	7.82	Complies

CH01



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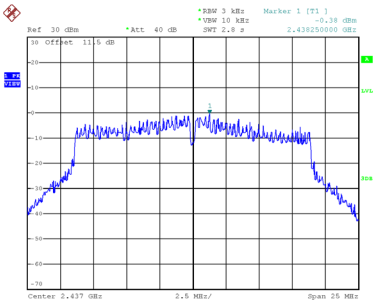
CH06



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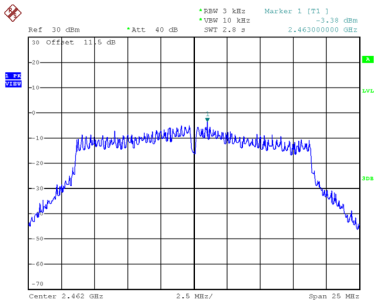
CH11



Date: 24.DEC.2024 15:01:36

Test Mode	IEEE 802.11n (HT20)_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-1.30	7.82	Complies
06	2437	2.99	7.82	Complies
11	2462	-0.89	7.82	Complies