FCC Radio Test Report

FCC ID: 2BH7FC560WS

Report No.	:	BTL-FCCP-2-2502G022A
Equipment	:	Outdoor Pan/Tilt Security Wi-Fi Camera
Model Name	:	Tapo C560WS, TC46
Brand Name	:	tp-link, tapo
Applicant	:	TP-Link Systems Inc.
Address	:	10 Mauchly, Irvine, CA 92618
Manufacturer	:	TP-Link Systems Inc.
Address	:	10 Mauchly, Irvine, CA 92618
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	:	2025/4/18
Date of Test	:	2025/4/25 ~ 2025/6/3
Issued Date	:	2025/7/10

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

Prepared by : Poken Huang, Engineer

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Declaration

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

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

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

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

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

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

Limitation

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

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

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2502G022A	R00	Original Report.	2025/7/10	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:
No. 64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (FCC DN: TW0659)
☒ C01 ☒ CB20
No. 68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (FCC DN: TW0659)
☒ SR06

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	Ken Lu
Radiated emissions above 1 GHz	25°C, 65%	AC 120 V	Ken Lu
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 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

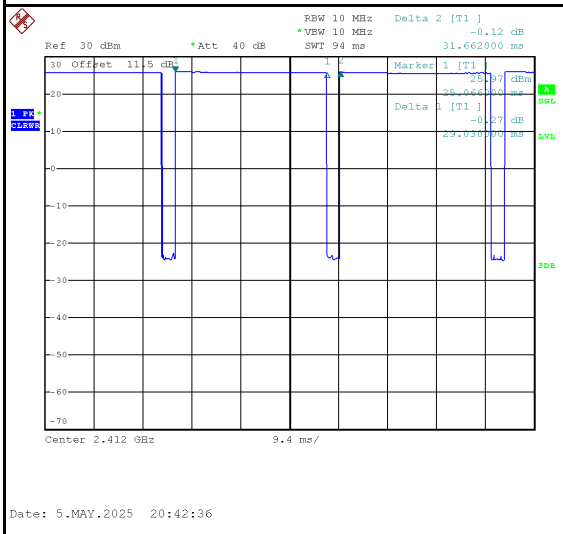
Test Software Version	RTL8851B_USB_MP_Package_ALPHA_v2.0.46(150678)		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	20	20	20
IEEE 802.11g	19.5	19.5	19.5
IEEE 802.11n(HT20)	19.5	19.5	19.5
IEEE 802.11ax(HE20)	19.5	19.5	20.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	19.5	19.5	19.5
IEEE 802.11ax(HE40)	20	20	20.5

1.5 DUTY CYCLE

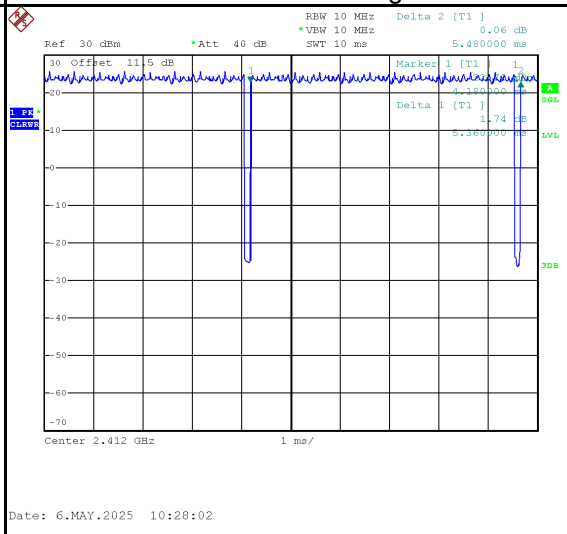
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	29.030	1	29.030	31.662	91.69%	0.38
IEEE 802.11g	5.360	1	5.360	5.480	97.81%	0.10
IEEE 802.11n (HT20)	4.480	1	4.480	4.578	97.86%	0.09
IEEE 802.11n (HT40)	2.178	1	2.178	2.288	95.19%	0.21
IEEE 802.11ax (HE20)	3.790	1	3.790	3.890	97.43%	0.11
IEEE 802.11ax (HE40)	1.900	1	1.900	2.020	94.06%	0.27

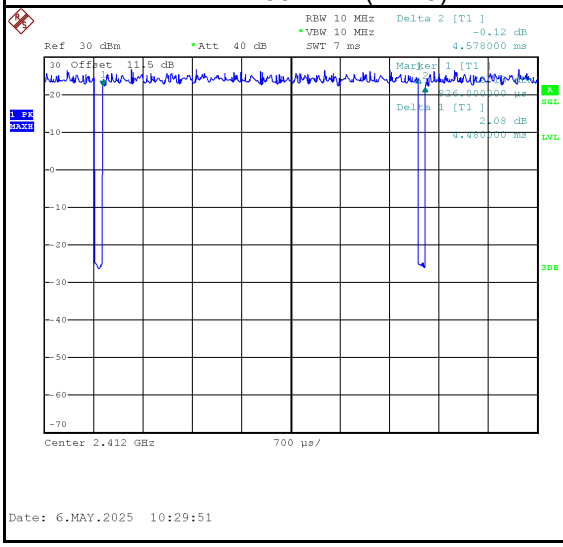
IEEE 802.11b



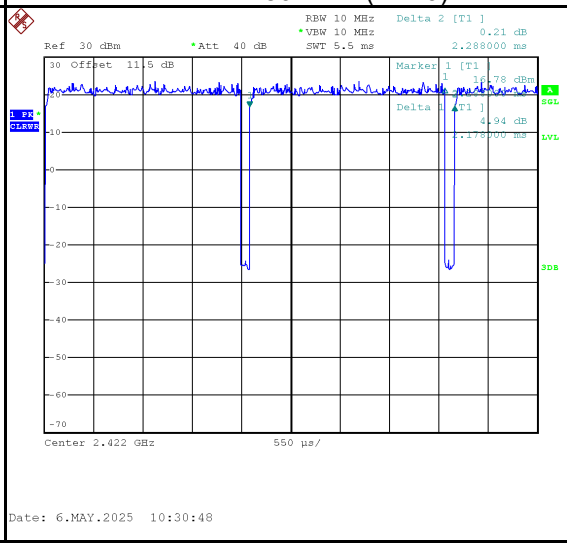
IEEE 802.11g

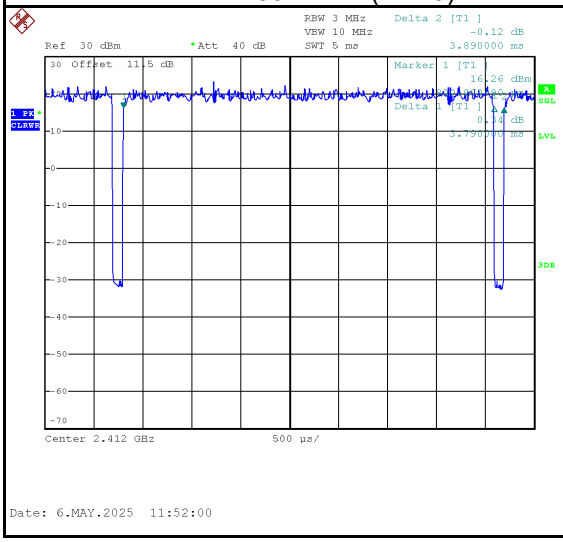
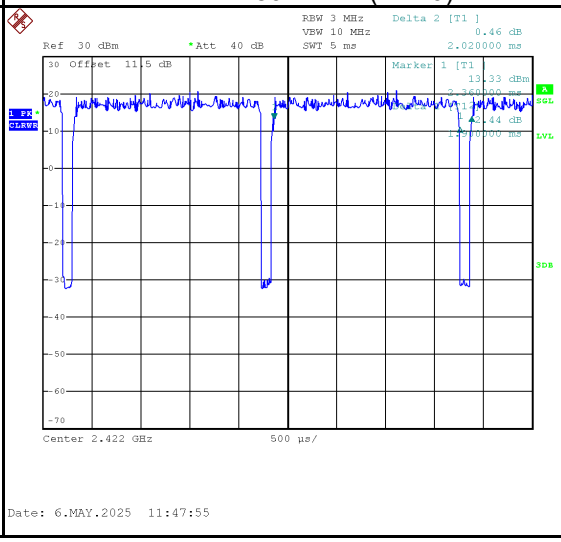


IEEE 802.11n (HT20)



IEEE 802.11n (HT40)



IEEE 802.11ax (HE20)	IEEE 802.11ax (HE40)
	

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Outdoor Pan/Tilt Security Wi-Fi Camera
Brand Name	tp-link, tapo
Model Name	Tapo C560WS, TC46
Model Difference(s)	Only the model name is different.
Hardware Version	1.0
Software Version	1.X
Power Source	DC voltage supplied from AC adapter. Model: T120100-2B1
Power Rating	I/P: 100-240V~, 50/60Hz, 0.3A O/P: 12V⎓1A
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 150 Mbps IEEE 802.11ax: up to 286.8 Mbps
Output Power Max.	IEEE 802.11b:20.63 dBm
Test Model	Tapo C560WS
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) CH03 - CH09 for IEEE 802.11n(HT40), IEEE 802.11ax(HE40)							
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	P/N	Type	Connector	Gain (dBi)
1	tp-link	Tapo C560WS 1.0	Dipole	N/A	0
2	tp-link	Tapo C560WS 1.0	Dipole	N/A	0

NOTE: Smart antenna system with two transmit/receive chains, but operating in a mode where only one transmit/receive chain is used.

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

2.2 TEST MODES

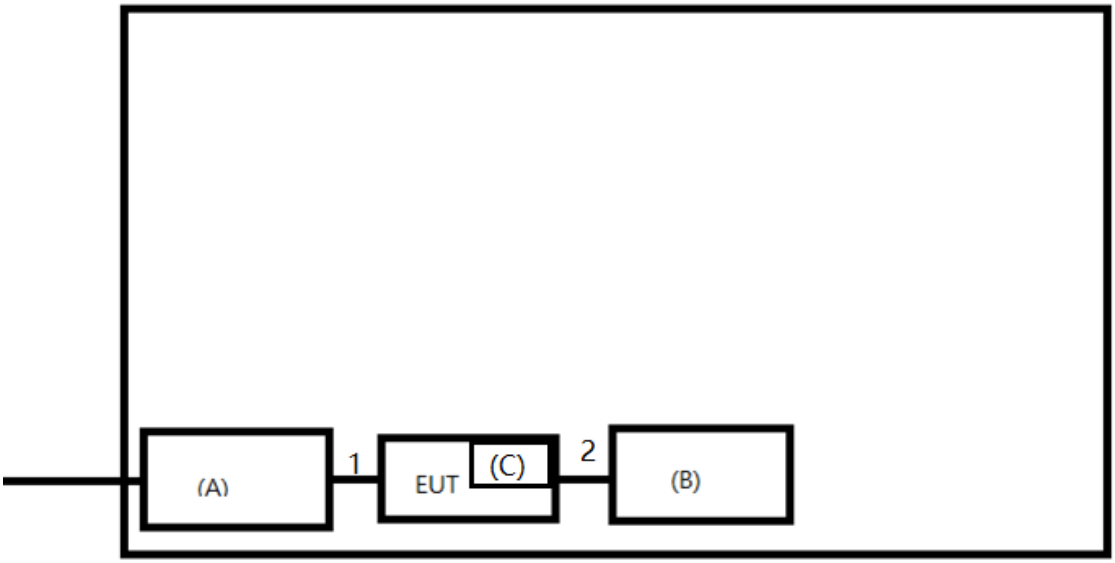
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_ IEEE 802.11b	01	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE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

NOTE:
(1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.
(2) For radiated emission below 1 GHz test, the TX B Mode Channel 01 is found to be the worst case and recorded.
(3) For radiated emission Harmonic above 18GHz test, only tested the worst case and recorded.
(4) 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.
(5) EUT Ant.1 and Ant.2 only have different directionality, and the links between antenna connection modules are the same. Both Ant. 1 and Ant.2 had been tested, but the data of Ant. 1 were the worst case, so only the data of Ant.1 had been recorded in this report.

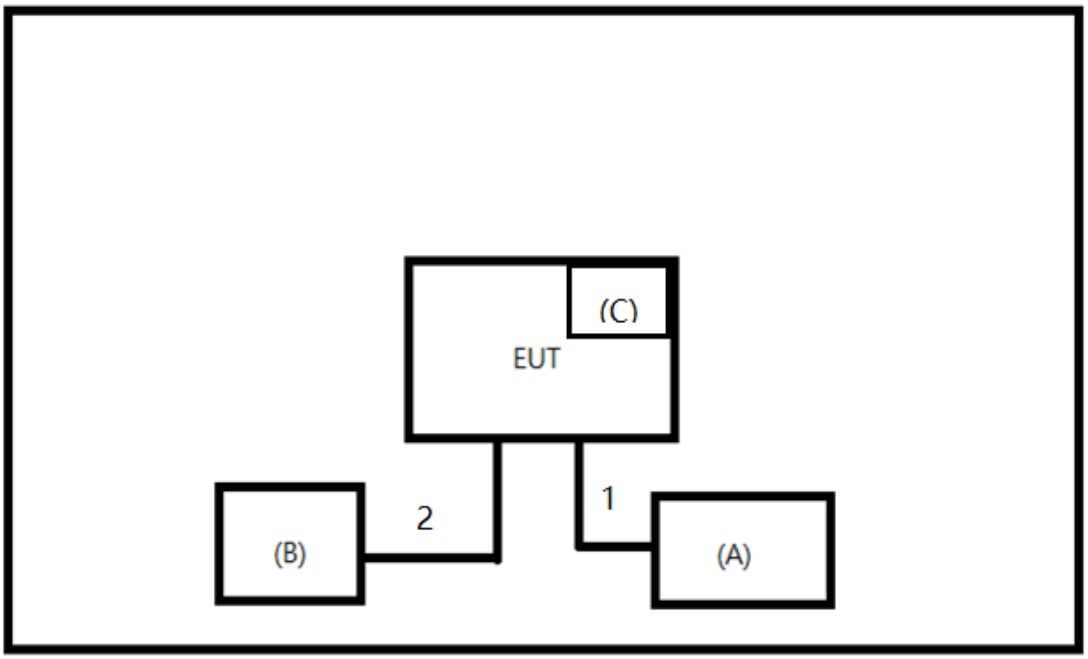
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	tp-link	T120100-2B1	N/A	Supplied by test requester.
B	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.
C	SD Card	SanDisk	ZN6MA	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N	N	1.5m	DC Cable	Supplied by test requester.
2	N	N	1m	RJ45 Cable	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

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

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

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

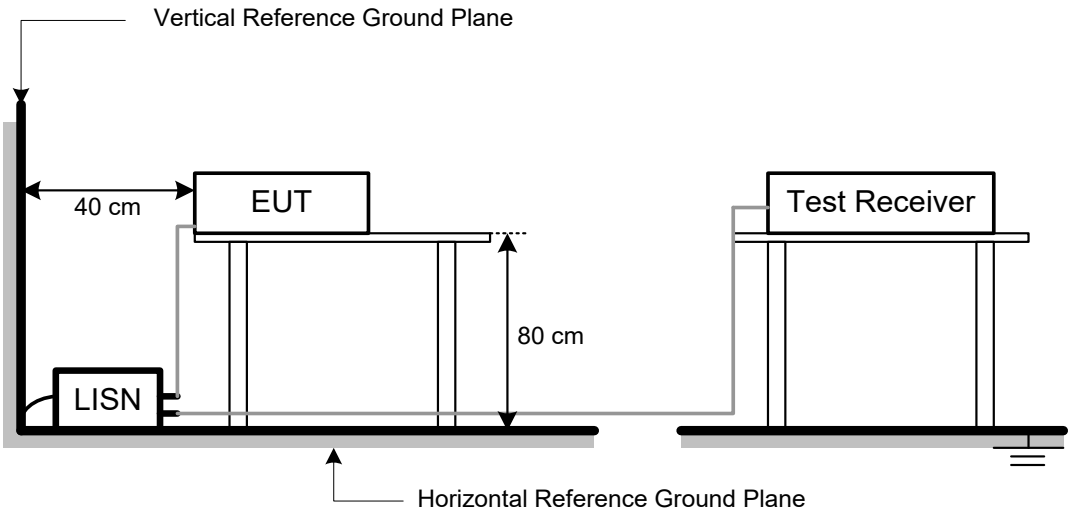
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.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

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

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

Reading Level (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

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

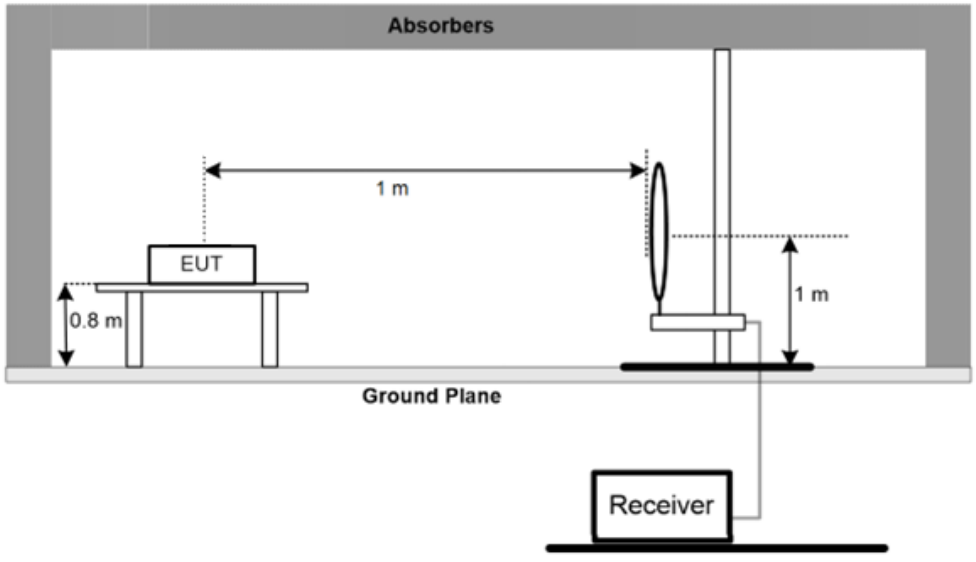
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

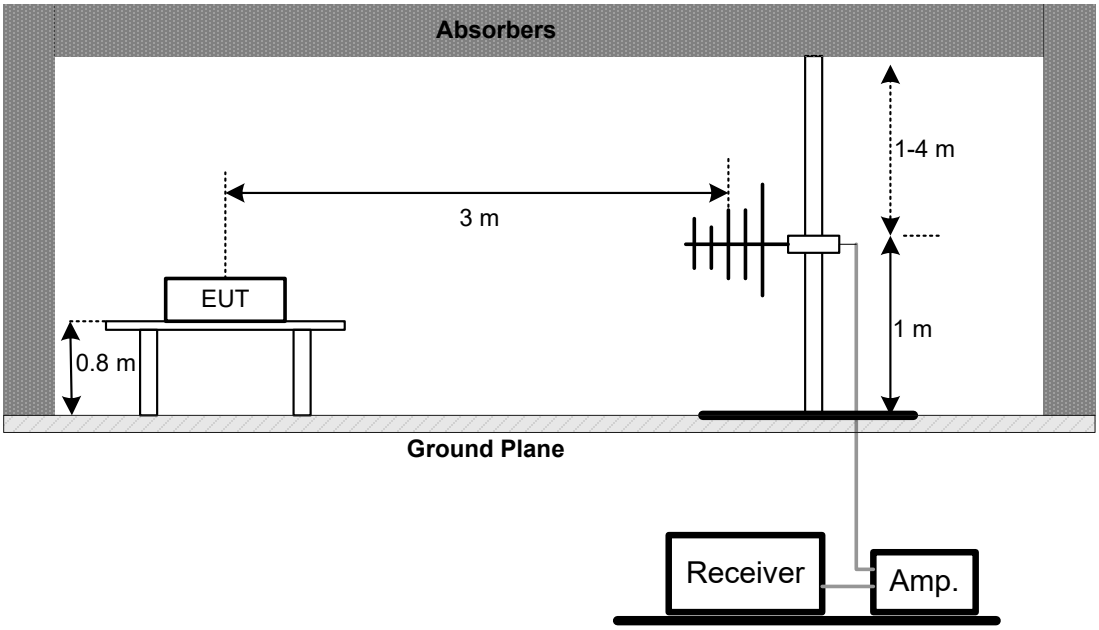
No deviation.

4.4 TEST SETUP

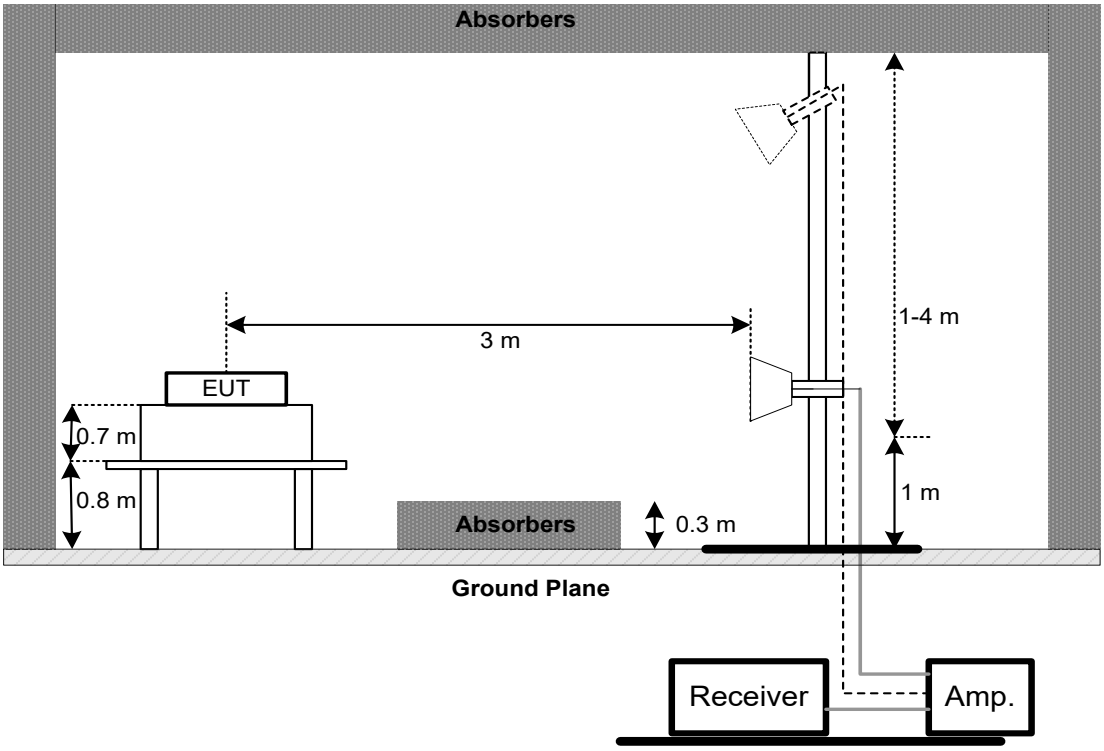
9 kHz to 30 MHz



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

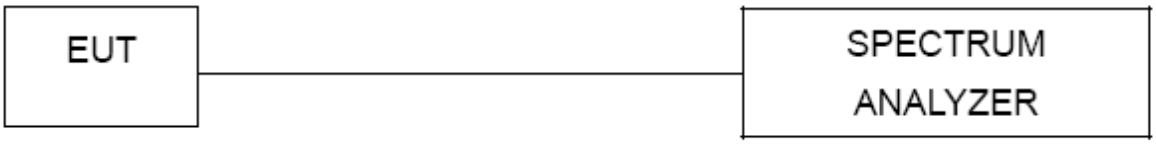
5.2 TEST PROCEDURE

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

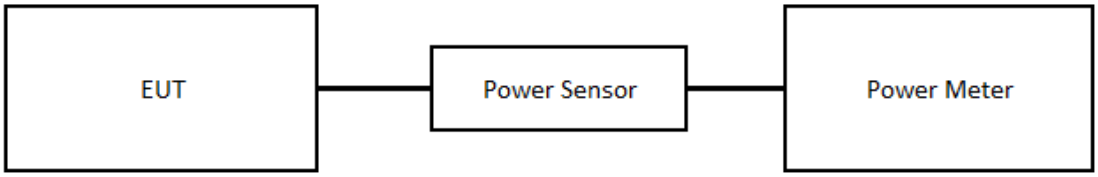
6.2 TEST PROCEDURE

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 average conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.
c. Subclause 11.9.2.3.1 of ANSI C63.10 is applied. The maximum average 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)

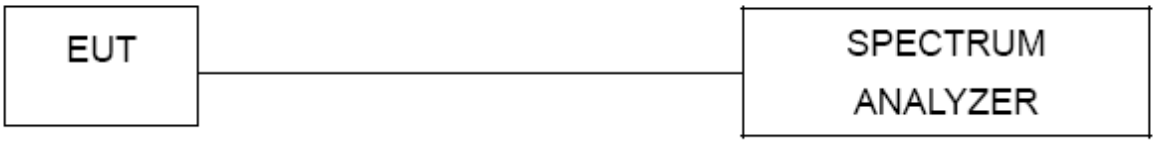
7.2 TEST PROCEDURE

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.

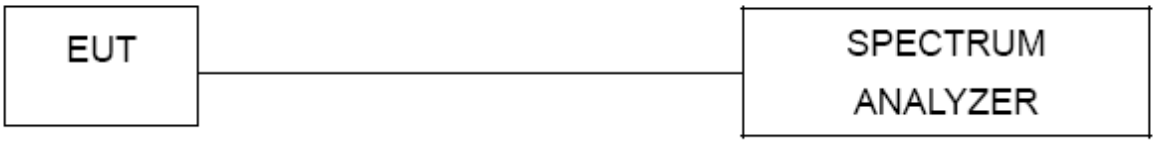
8.2 TEST PROCEDURE

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: 2024/12/14-2025/2/5						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2024/12/4	2025/12/3
2	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
3	Pre-Amplifier	EMCI	EMC001330-20201222	980807	2024/12/9	2025/12/8
4	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2024/12/9	2025/12/8
5	Test Cable	EMCI	EMC-CFD-400-NM-NM-8000	200348	2024/12/9	2025/12/8
6	Test Cable	EMCI	EMC-CFD-400-NM-NM-3300	200343	2024/12/9	2025/12/8
7	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2025/1/14	2026/1/13
8	Pre-Amplifier	EMCI	EMC118A45SE	981030	2024/12/10	2025/12/9
9	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2024/12/10	2025/12/9
10	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2024/12/10	2025/12/9
11	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2024/12/10	2025/12/9
12	EXA Spectrum Analyzer	keysight	N9020B	MY59050137	2024/11/24	2025/11/25
13	Pre-Amplifier	EMCI	EMC184045SE	980512	2024/12/10	2025/12/9
14	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2024/6/27	2025/6/26
15	Test Cable	EMCI	EMC102-KM-KM-1000	220328	2024/12/10	2025/12/9
16	Test Cable	EMCI	EMC101G-KM-KM-3000	220330	2024/12/10	2025/12/9
17	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

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

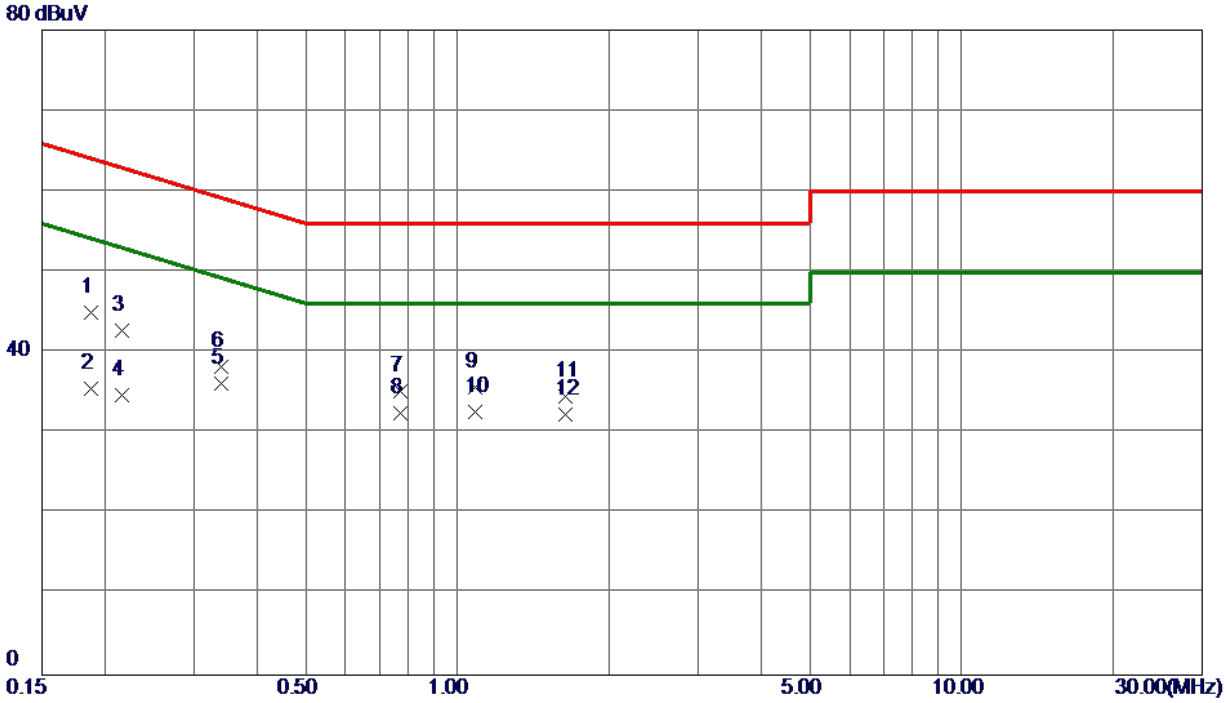
Please refer to document Appendix No.: TP-2502G022A-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2502G022A-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

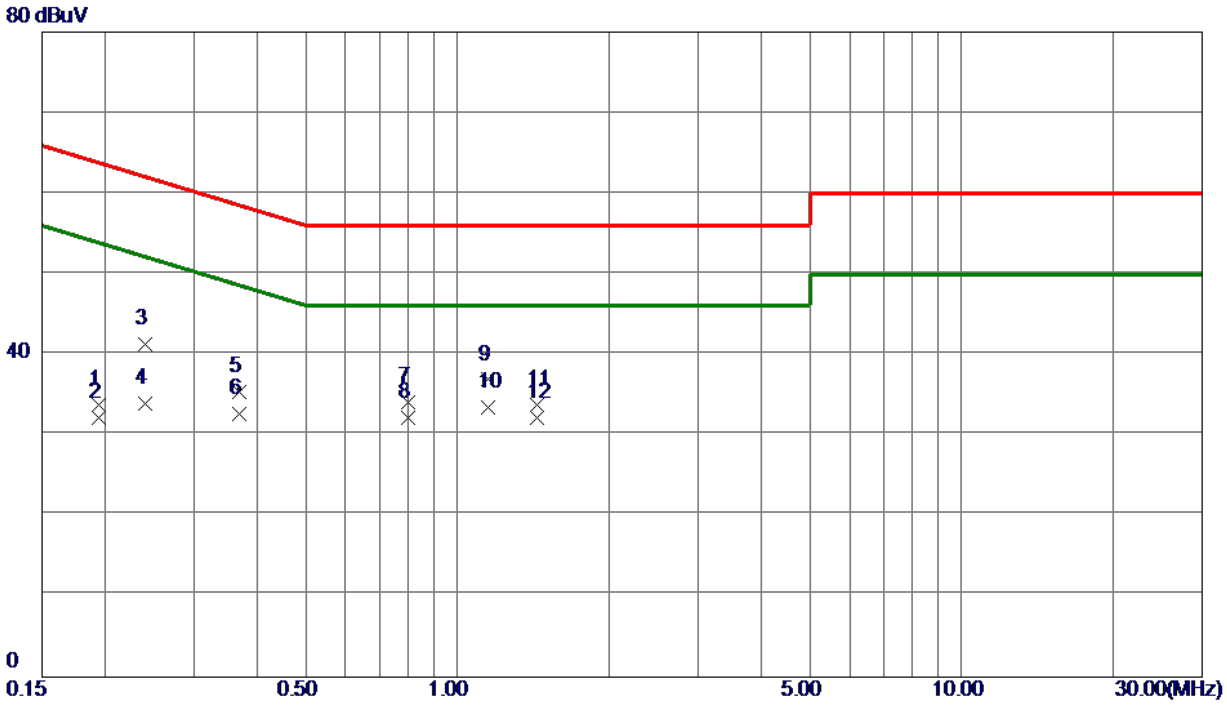
Test Mode	Normal	Tested Date	2025/4/30
Test Frequency	-	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1881	35.26	9.63	44.89	64.12	-19.23	QP	
2	0.1881	25.94	9.63	35.57	54.12	-18.55	AVG	
3	0.2158	33.16	9.62	42.78	62.98	-20.20	QP	
4	0.2158	25.06	9.62	34.68	52.98	-18.30	AVG	
5	0.3390	26.56	9.61	36.17	59.23	-23.06	QP	
6 *	0.3390	28.65	9.61	38.26	49.23	-10.97	AVG	
7	0.7700	25.62	9.62	35.24	56.00	-20.76	QP	
8	0.7700	22.90	9.62	32.52	46.00	-13.48	AVG	
9	1.0850	26.02	9.63	35.65	56.00	-20.35	QP	
10	1.0850	22.97	9.63	32.60	46.00	-13.40	AVG	
11	1.6385	24.93	9.68	34.61	56.00	-21.39	QP	
12	1.6385	22.64	9.68	32.32	46.00	-13.68	AVG	

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

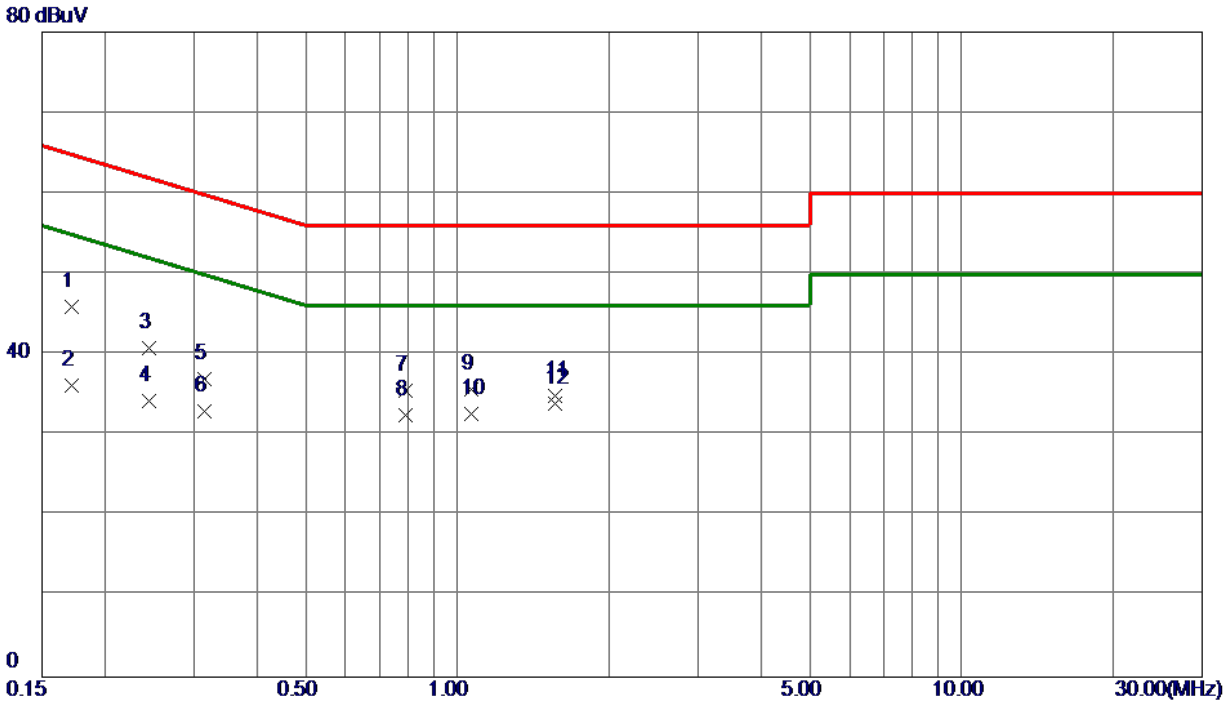
Test Mode	Normal	Tested Date	2025/4/30
Test Frequency	-	Phase	Neutral



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1948	24.09	9.62	33.71	63.83	-30.12	QP	
2	0.1948	22.51	9.62	32.13	53.83	-21.70	AVG	
3	0.2406	31.62	9.62	41.24	62.08	-20.84	QP	
4	0.2406	24.31	9.62	33.93	52.08	-18.15	AVG	
5	0.3698	25.83	9.60	35.43	58.51	-23.08	QP	
6	0.3698	22.99	9.60	32.59	48.51	-15.92	AVG	
7	0.7970	24.49	9.61	34.10	56.00	-21.90	QP	
8	0.7970	22.54	9.61	32.15	46.00	-13.85	AVG	
9	1.1525	27.24	9.64	36.88	56.00	-19.12	QP	
10 *	1.1525	23.75	9.64	33.39	46.00	-12.61	AVG	
11	1.4360	24.03	9.66	33.69	56.00	-22.31	QP	
12	1.4360	22.51	9.66	32.17	46.00	-13.83	AVG	

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

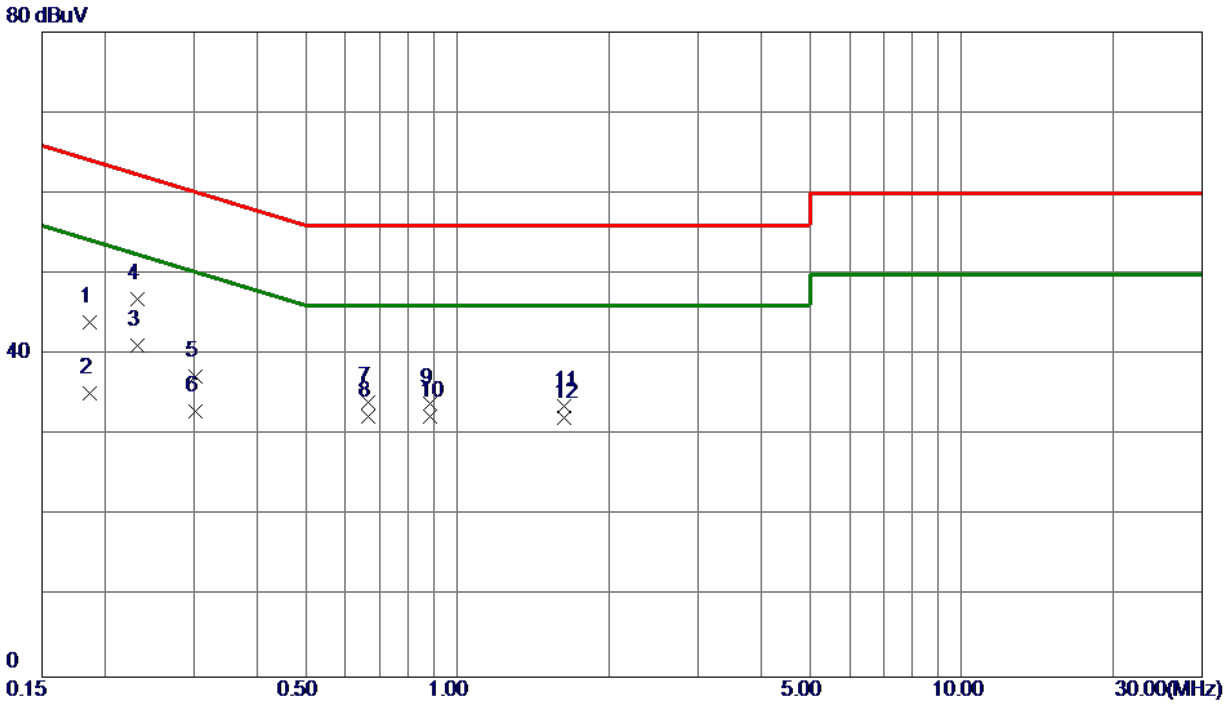
Test Mode	Idle	Tested Date	2025/4/30
Test Frequency	-	Phase	Line



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1720	36.30	9.63	45.93	64.86	-18.93	QP	
2	0.1720	26.48	9.63	36.11	54.86	-18.75	AVG	
3	0.2448	31.20	9.62	40.82	61.93	-21.11	QP	
4	0.2448	24.55	9.62	34.17	51.93	-17.76	AVG	
5	0.3144	27.38	9.61	36.99	59.85	-22.86	QP	
6	0.3144	23.36	9.61	32.97	49.85	-16.88	AVG	
7	0.7880	25.96	9.62	35.58	56.00	-20.42	QP	
8	0.7880	22.93	9.62	32.55	46.00	-13.45	AVG	
9	1.0670	26.02	9.63	35.65	56.00	-20.35	QP	
10	1.0670	22.99	9.63	32.62	46.00	-13.38	AVG	
11	1.5574	25.15	9.68	34.83	56.00	-21.17	QP	
12 *	1.5574	24.26	9.68	33.94	46.00	-12.06	AVG	

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

Test Mode	Idle	Tested Date	2025/4/30
Test Frequency	-	Phase	Neutral

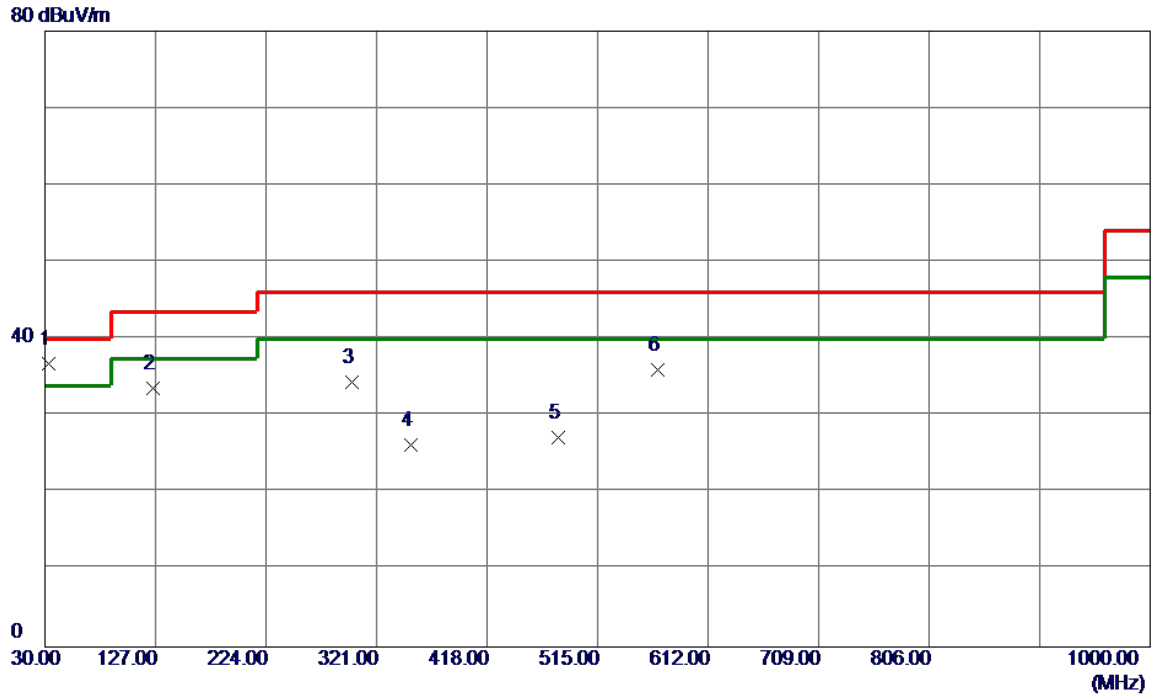


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1860	34.43	9.62	44.05	64.21	-20.16	QP	
2	0.1860	25.54	9.62	35.16	54.21	-19.05	AVG	
3	0.2315	31.46	9.62	41.08	62.40	-21.32	QP	
4 *	0.2315	37.24	9.62	46.86	52.40	-5.54	AVG	
5	0.3030	27.73	9.61	37.34	60.16	-22.82	QP	
6	0.3030	23.38	9.61	32.99	50.16	-17.17	AVG	
7	0.6665	24.51	9.61	34.12	56.00	-21.88	QP	
8	0.6665	22.68	9.61	32.29	46.00	-13.71	AVG	
9	0.8825	24.37	9.62	33.99	56.00	-22.01	QP	
10	0.8825	22.68	9.62	32.30	46.00	-13.70	AVG	
11	1.6295	23.94	9.68	33.62	56.00	-22.38	QP	
12	1.6295	22.45	9.68	32.13	46.00	-13.87	AVG	

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

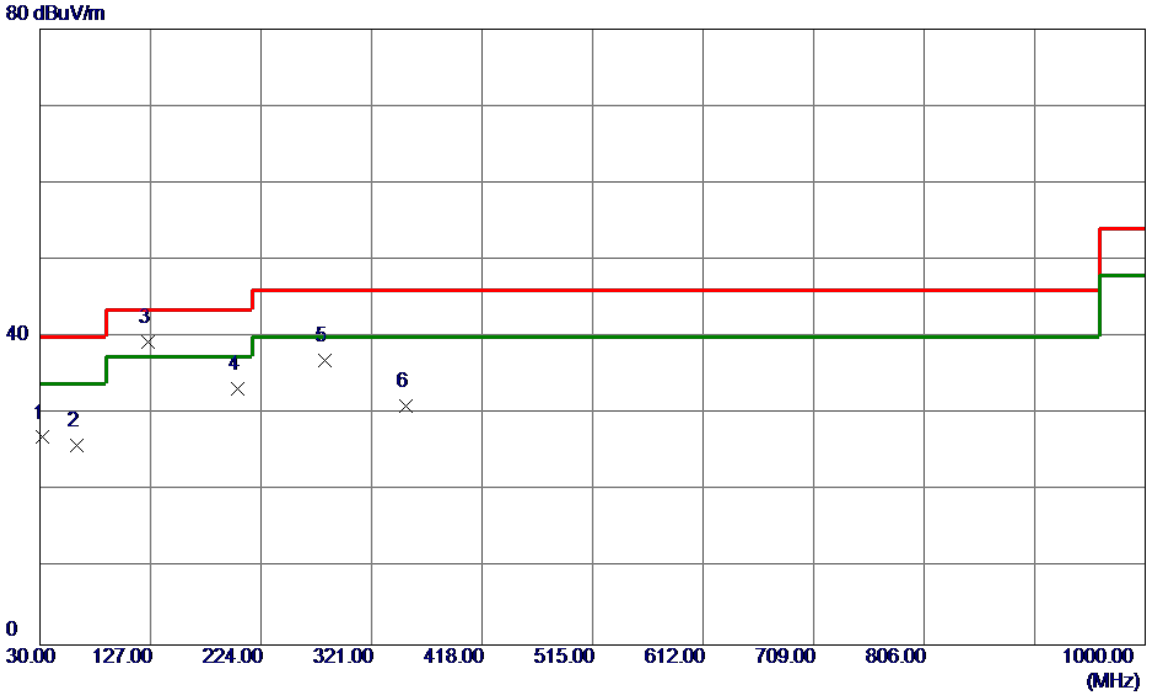
Test Mode	IEEE 802.11b	Test Date	2025/5/5
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	32.9100	49.96	-13.10	36.86	40.00	-3.14	Peak	
2	125.0600	46.96	-13.39	33.57	43.50	-9.93	Peak	
3	299.6600	44.47	-10.00	34.47	46.00	-11.53	Peak	
4	351.0700	34.90	-8.68	26.22	46.00	-19.78	Peak	
5	480.0800	32.53	-5.27	27.26	46.00	-18.74	Peak	
6	567.3800	39.39	-3.39	36.00	46.00	-10.00	Peak	

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

Test Mode	IEEE 802.11b	Test Date	2025/5/5
Test Frequency	2412MHz	Polarization	Horizontal

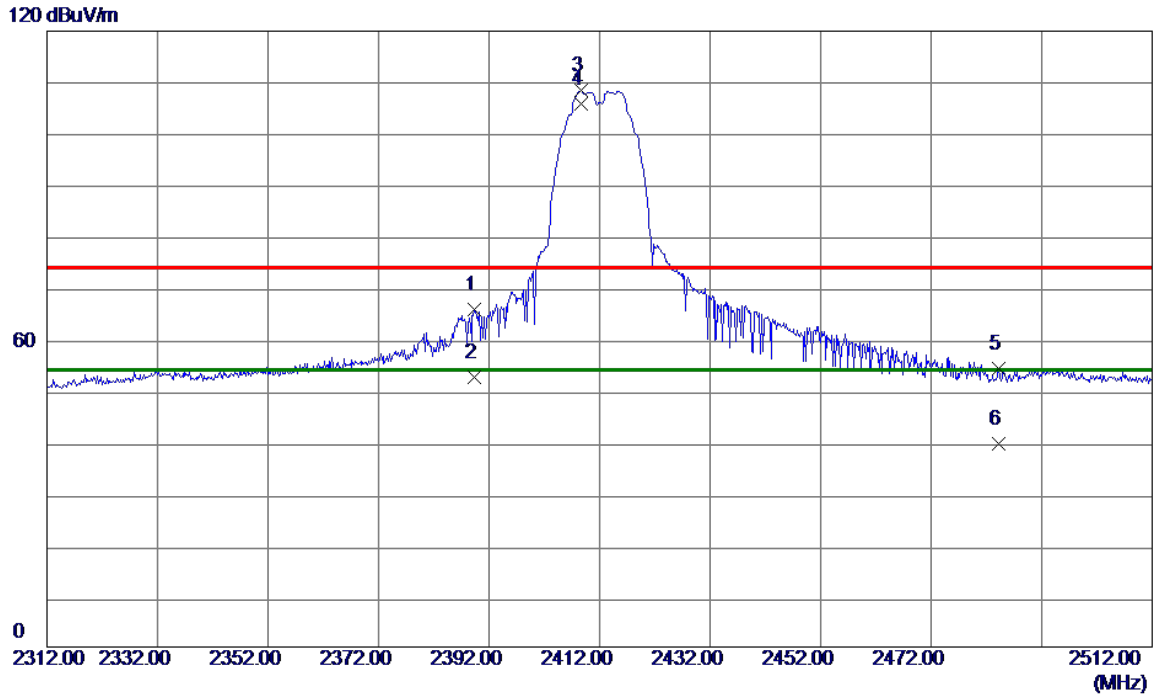


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	31.9400	40.34	-13.38	26.96	40.00	-13.04	Peak	
2	62.0100	37.97	-12.11	25.86	40.00	-14.14	Peak	
3 *	125.0600	52.76	-13.39	39.37	43.50	-4.13	Peak	
4	203.6300	47.42	-14.10	33.32	43.50	-10.18	Peak	
5	280.2600	47.44	-10.46	36.98	46.00	-9.02	Peak	
6	351.0700	39.66	-8.68	30.98	46.00	-15.02	Peak	

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

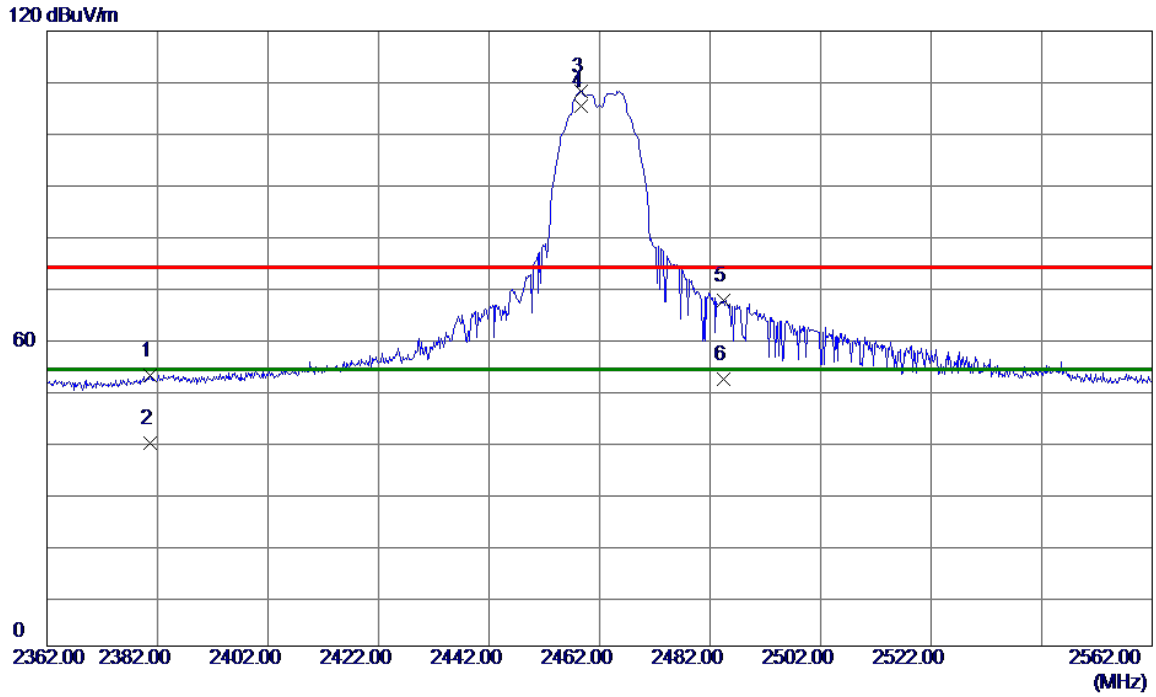
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.4000	62.35	3.36	65.71	74.00	-8.29	Peak	
2	2389.4000	49.10	3.36	52.46	54.00	-1.54	AVG	
3	2408.6000	105.01	3.38	108.39	74.00	34.39	Peak	No Limit
4 *	2408.6000	102.47	3.38	105.85	54.00	51.85	AVG	No Limit
5	2484.2000	50.83	3.45	54.28	74.00	-19.72	Peak	
6	2484.2000	36.25	3.45	39.70	54.00	-14.30	AVG	

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

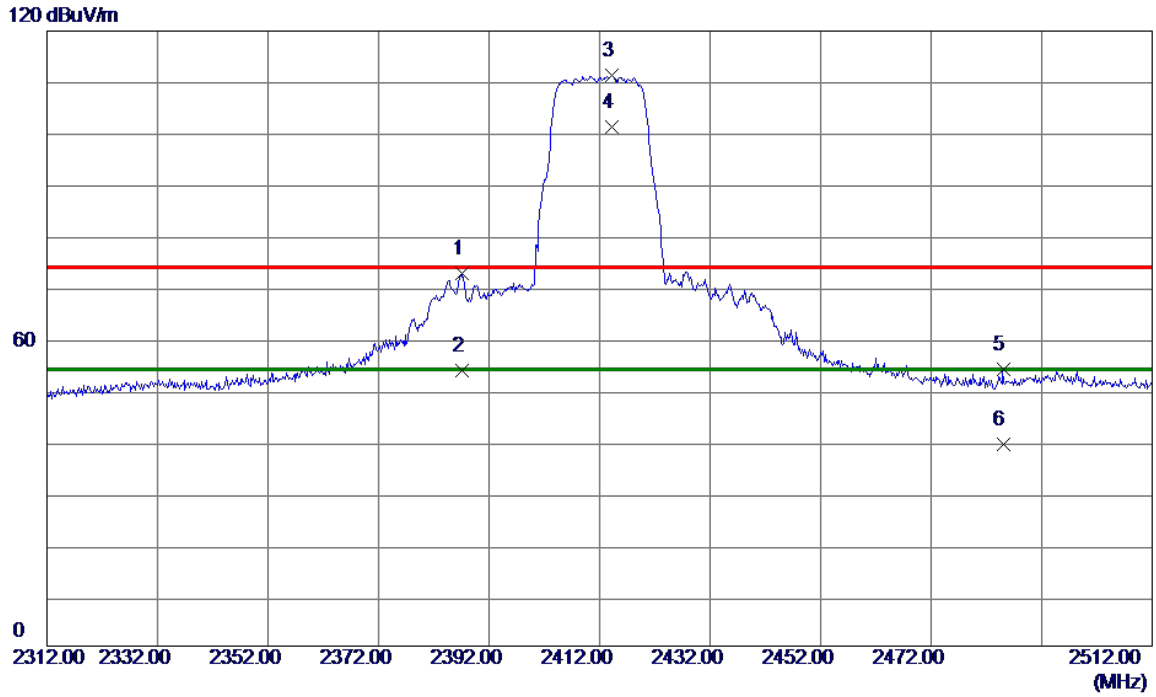
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2380.6000	49.53	3.36	52.89	74.00	-21.11	Peak	
2	2380.6000	36.21	3.36	39.57	54.00	-14.43	AVG	
3	2458.6000	104.77	3.43	108.20	74.00	34.20	Peak	No Limit
4 *	2458.6000	101.97	3.43	105.40	54.00	51.40	AVG	No Limit
5	2484.4000	63.96	3.46	67.42	74.00	-6.58	Peak	
6	2484.4000	48.54	3.46	52.00	54.00	-2.00	AVG	

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

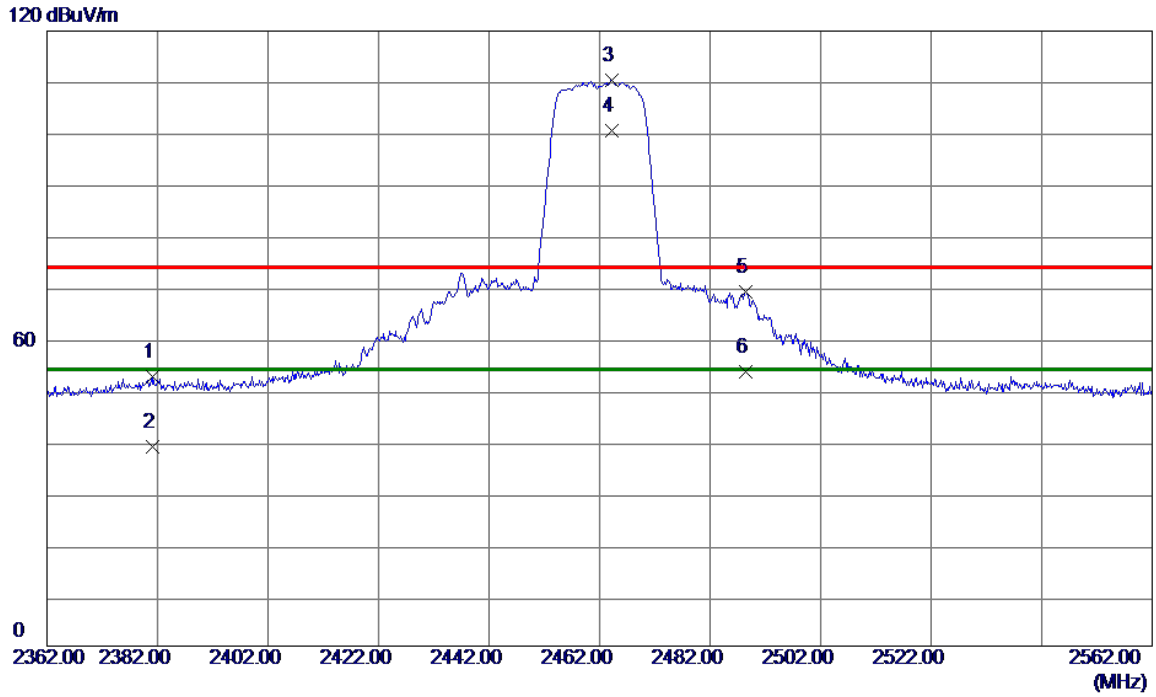
Test Mode	IEEE 802.11g	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.2000	69.42	3.36	72.78	74.00	-1.22	Peak	
2	2387.2000	50.48	3.36	53.84	54.00	-0.16	AVG	
3	2414.2000	107.92	3.39	111.31	74.00	37.31	Peak	No Limit
4 *	2414.2000	98.00	3.39	101.39	54.00	47.39	AVG	No Limit
5	2485.0000	50.51	3.46	53.97	74.00	-20.03	Peak	
6	2485.0000	35.81	3.46	39.27	54.00	-14.73	AVG	

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

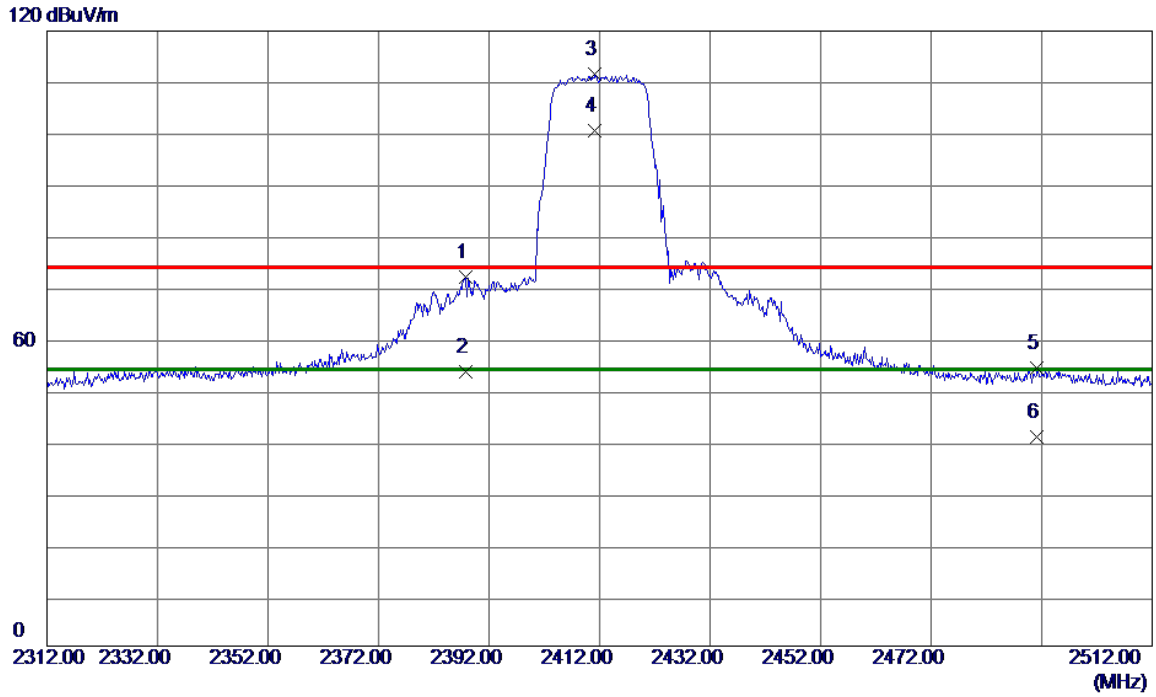
Test Mode	IEEE 802.11g	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2381.2000	49.15	3.36	52.51	74.00	-21.49	Peak	
2	2381.2000	35.59	3.36	38.95	54.00	-15.05	AVG	
3	2464.2000	107.02	3.44	110.46	74.00	36.46	Peak	No Limit
4 *	2464.2000	97.11	3.44	100.55	54.00	46.55	AVG	No Limit
5	2488.4000	65.59	3.46	69.05	74.00	-4.95	Peak	
6	2488.4000	50.11	3.46	53.57	54.00	-0.43	AVG	

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

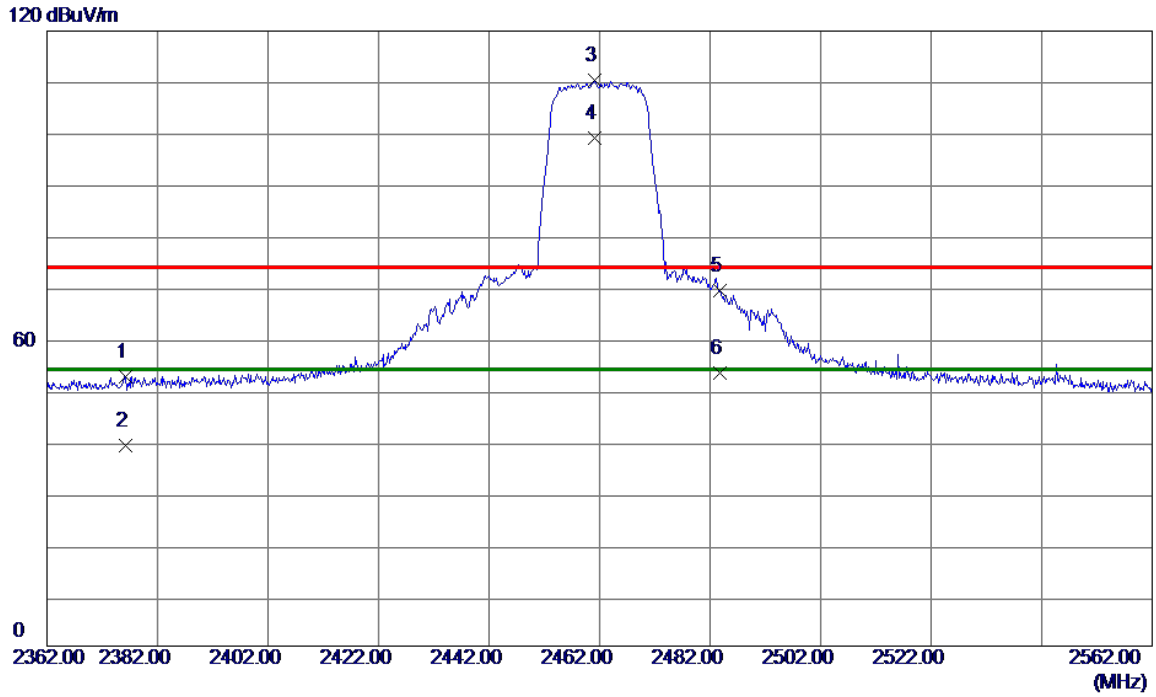
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.8000	68.53	3.36	71.89	74.00	-2.11	Peak	
2	2387.8000	50.05	3.36	53.41	54.00	-0.59	AVG	
3	2411.2000	108.28	3.38	111.66	74.00	37.66	Peak	No Limit
4 *	2411.2000	97.27	3.38	100.65	54.00	46.65	AVG	No Limit
5	2491.2000	50.73	3.46	54.19	74.00	-19.81	Peak	
6	2491.2000	37.42	3.46	40.88	54.00	-13.12	AVG	

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

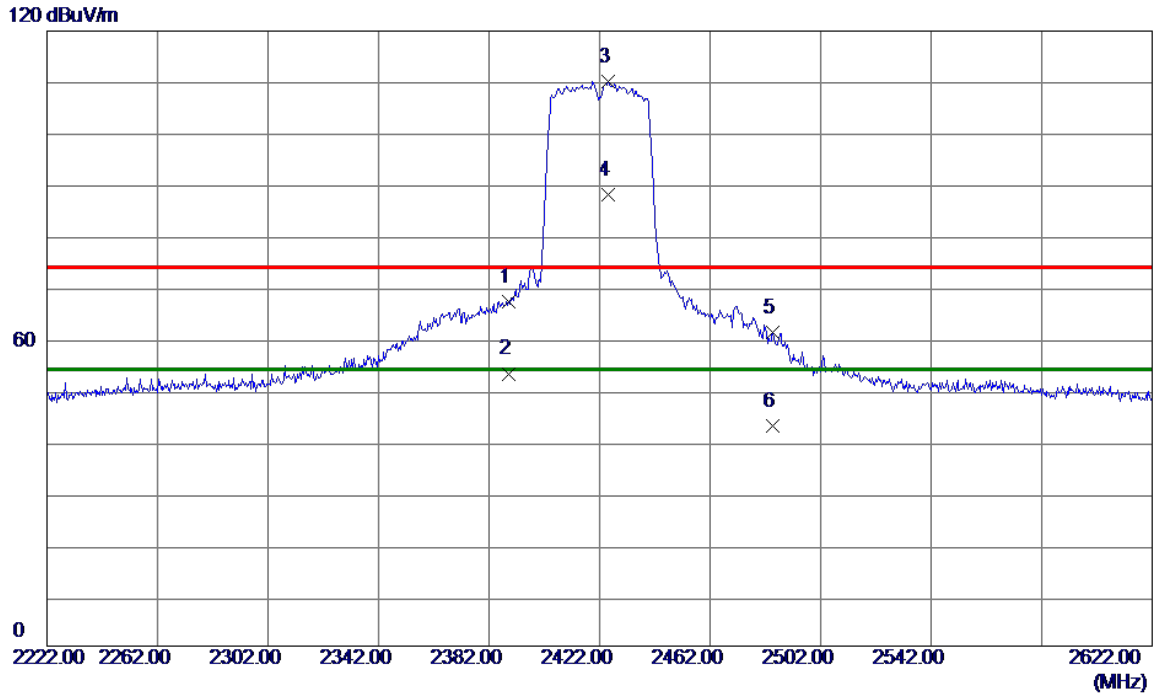
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2376.2000	49.26	3.35	52.61	74.00	-21.39	Peak	
2	2376.2000	35.82	3.35	39.17	54.00	-14.83	AVG	
3	2461.2000	107.08	3.43	110.51	74.00	36.51	Peak	No Limit
4 *	2461.2000	95.78	3.43	99.21	54.00	45.21	AVG	No Limit
5	2483.8000	65.83	3.45	69.28	74.00	-4.72	Peak	
6	2483.8000	49.89	3.45	53.34	54.00	-0.66	AVG	

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

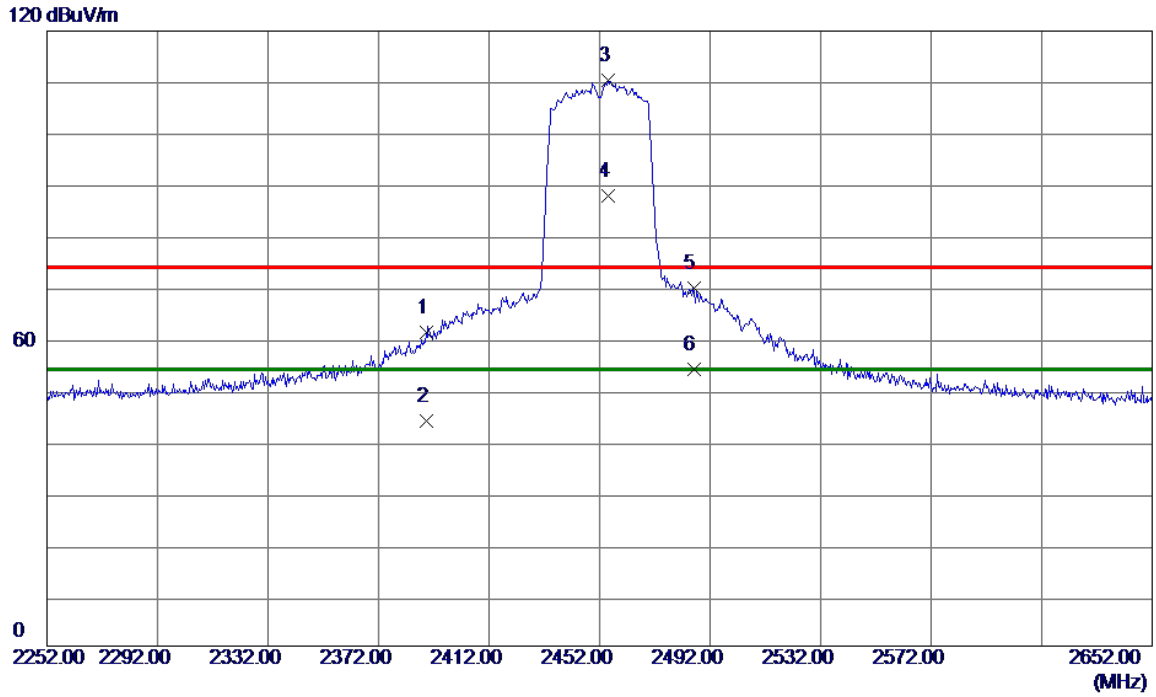
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/5/28
Test Frequency	2422MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.2000	63.88	3.36	67.24	74.00	-6.76	Peak	
2	2389.2000	49.80	3.36	53.16	54.00	-0.84	AVG	
3 *	2425.2000	106.67	3.40	110.07	74.00	36.07	Peak	No Limit
4	2425.2000	84.59	3.40	87.99	54.00	33.99	AVG	No Limit
5	2484.8000	57.77	3.46	61.23	74.00	-12.77	Peak	
6	2484.8000	39.54	3.46	43.00	54.00	-11.00	AVG	

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

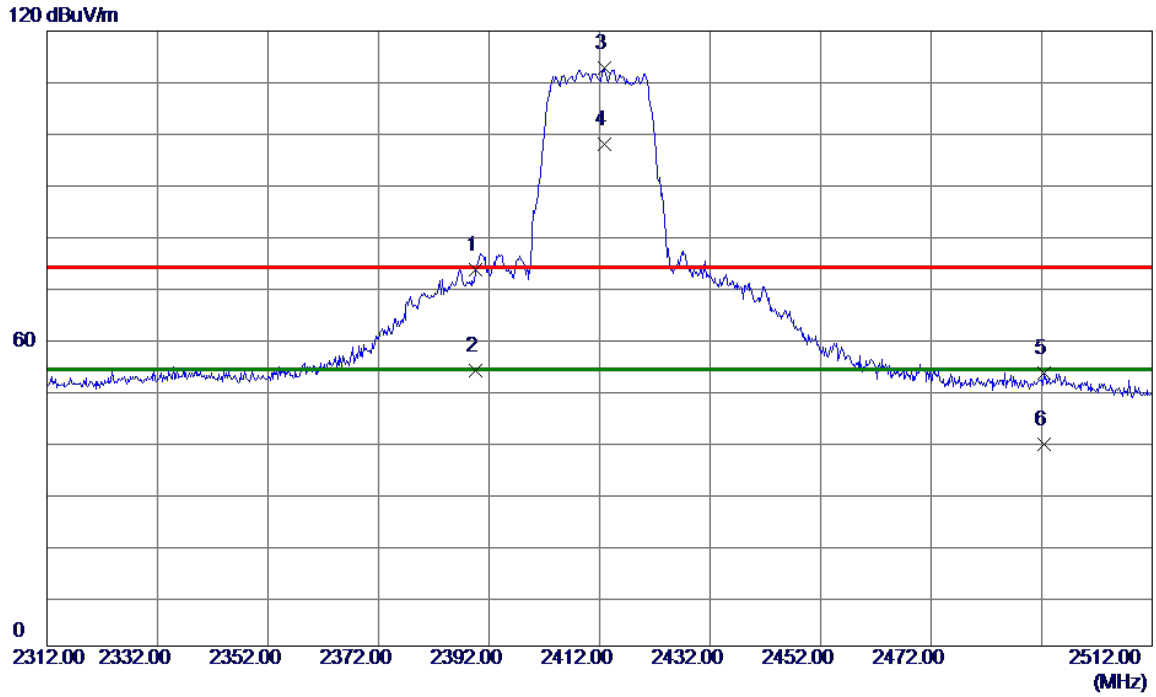
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/5/28
Test Frequency	2452MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.2000	57.91	3.36	61.27	74.00	-12.73	Peak	
2	2389.2000	40.67	3.36	44.03	54.00	-9.97	AVG	
3 *	2455.2000	106.91	3.43	110.34	74.00	36.34	Peak	No Limit
4	2455.2000	84.49	3.43	87.92	54.00	33.92	AVG	No Limit
5	2486.0000	66.37	3.46	69.83	74.00	-4.17	Peak	
6	2486.0000	50.50	3.46	53.96	54.00	-0.04	AVG	

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

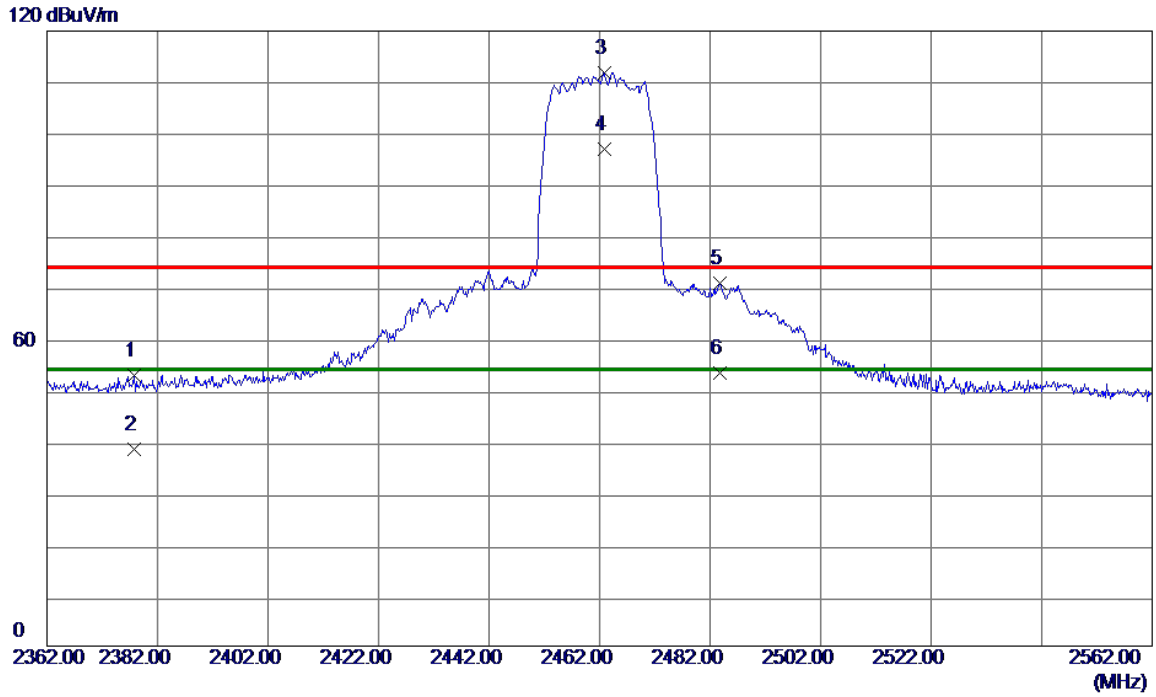
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2389.6000	70.18	3.36	73.54	74.00	-0.46	Peak	
2	2389.6000	50.46	3.36	53.82	54.00	-0.18	AVG	
3	2412.8000	109.38	3.39	112.77	74.00	38.77	Peak	No Limit
4 *	2412.8000	94.58	3.39	97.97	54.00	43.97	AVG	No Limit
5	2492.4000	49.90	3.46	53.36	74.00	-20.64	Peak	
6	2492.4000	36.00	3.46	39.46	54.00	-14.54	AVG	

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

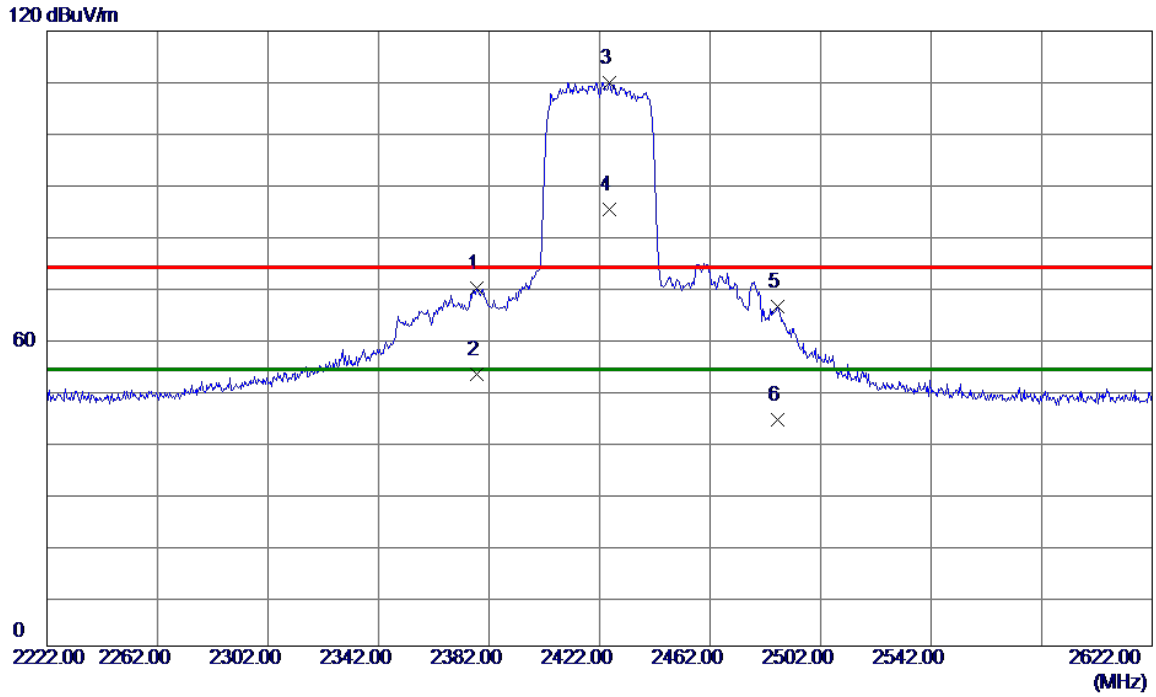
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2377.8000	49.54	3.35	52.89	74.00	-21.11	Peak	
2	2377.8000	35.05	3.35	38.40	54.00	-15.60	AVG	
3	2462.8000	108.40	3.43	111.83	74.00	37.83	Peak	No Limit
4 *	2462.8000	93.42	3.43	96.85	54.00	42.85	AVG	No Limit
5	2483.8000	67.40	3.45	70.85	74.00	-3.15	Peak	
6	2483.8000	49.85	3.45	53.30	54.00	-0.70	AVG	

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

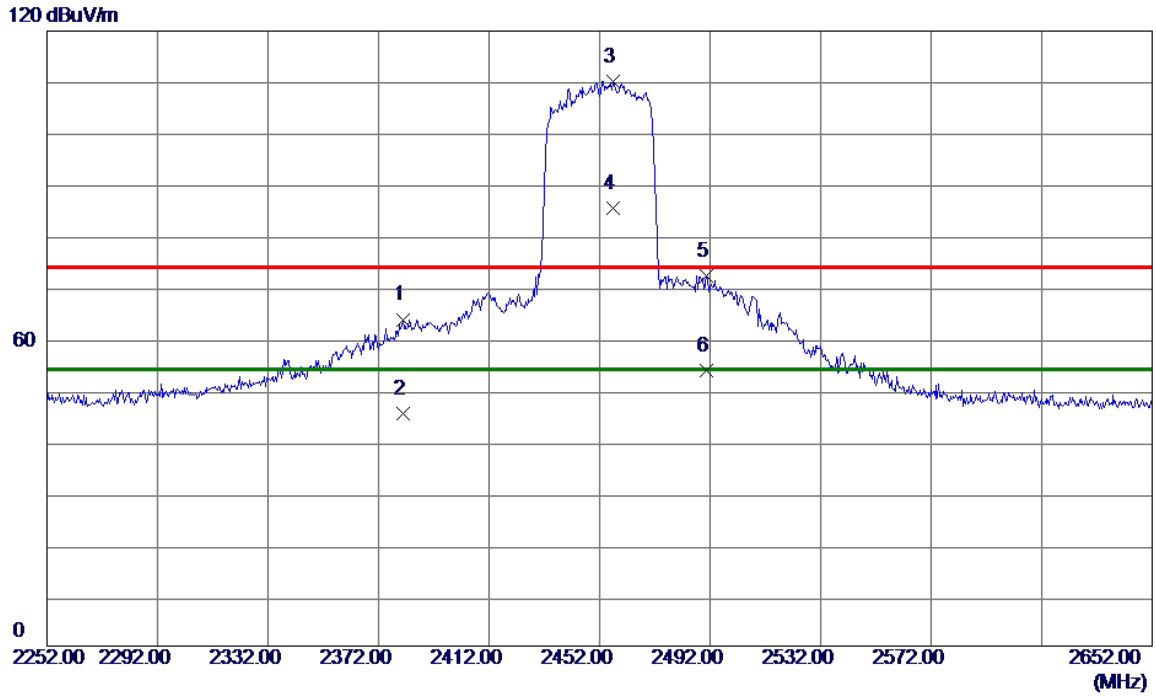
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/5/28
Test Frequency	2422MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2377.6000	66.44	3.35	69.79	74.00	-4.21	Peak	
2	2377.6000	49.68	3.35	53.03	54.00	-0.97	AVG	
3 *	2425.6000	106.55	3.40	109.95	74.00	35.95	Peak	No Limit
4	2425.6000	81.81	3.40	85.21	54.00	31.21	AVG	No Limit
5	2486.4000	62.70	3.46	66.16	74.00	-7.84	Peak	
6	2486.4000	40.79	3.46	44.25	54.00	-9.75	AVG	

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

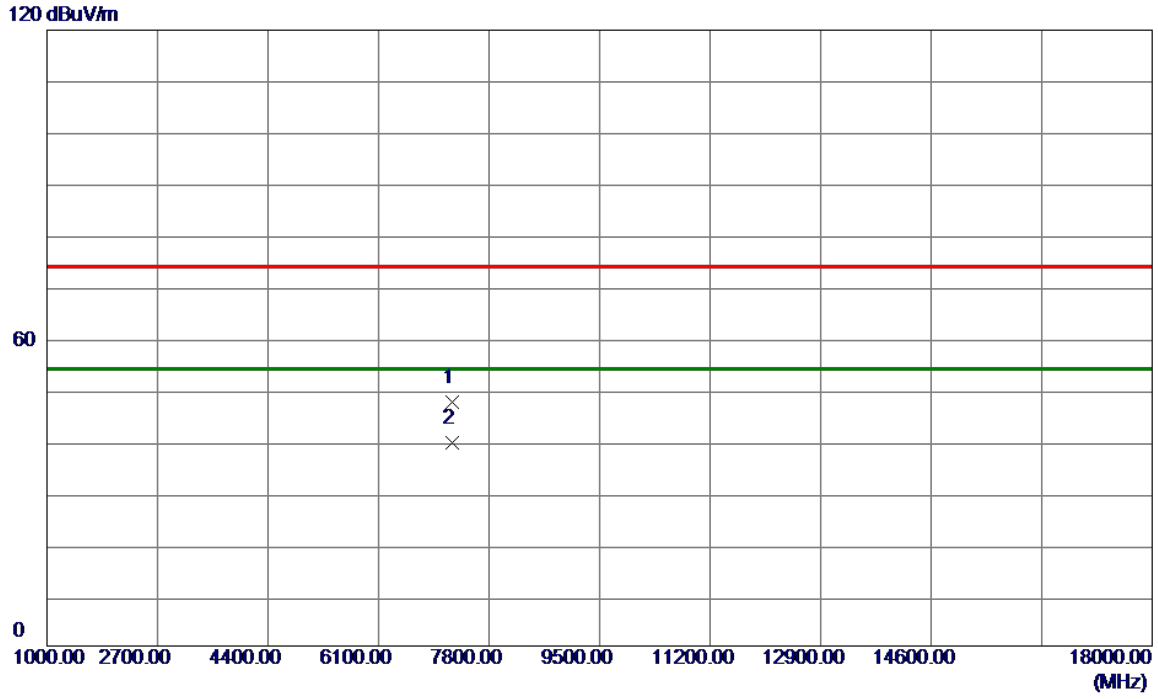
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/5/28
Test Frequency	2452MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2380.8000	60.36	3.36	63.72	74.00	-10.28	Peak	
2	2380.8000	41.97	3.36	45.33	54.00	-8.67	AVG	
3 *	2456.8000	106.78	3.43	110.21	74.00	36.21	Peak	No Limit
4	2456.8000	82.07	3.43	85.50	54.00	31.50	AVG	No Limit
5	2490.8000	68.72	3.46	72.18	74.00	-1.82	Peak	
6	2490.8000	50.34	3.46	53.80	54.00	-0.20	AVG	

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

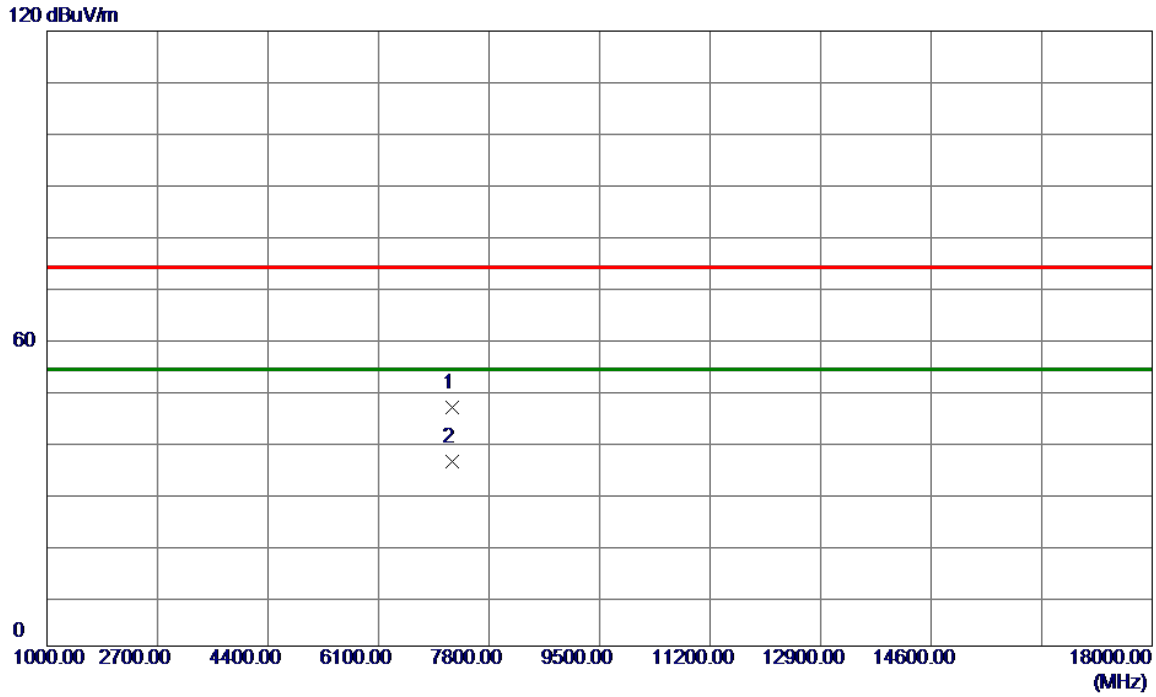
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7236.0000	42.63	4.88	47.51	74.00	-26.49	Peak	
2 *	7236.0000	34.64	4.88	39.52	54.00	-14.48	AVG	

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

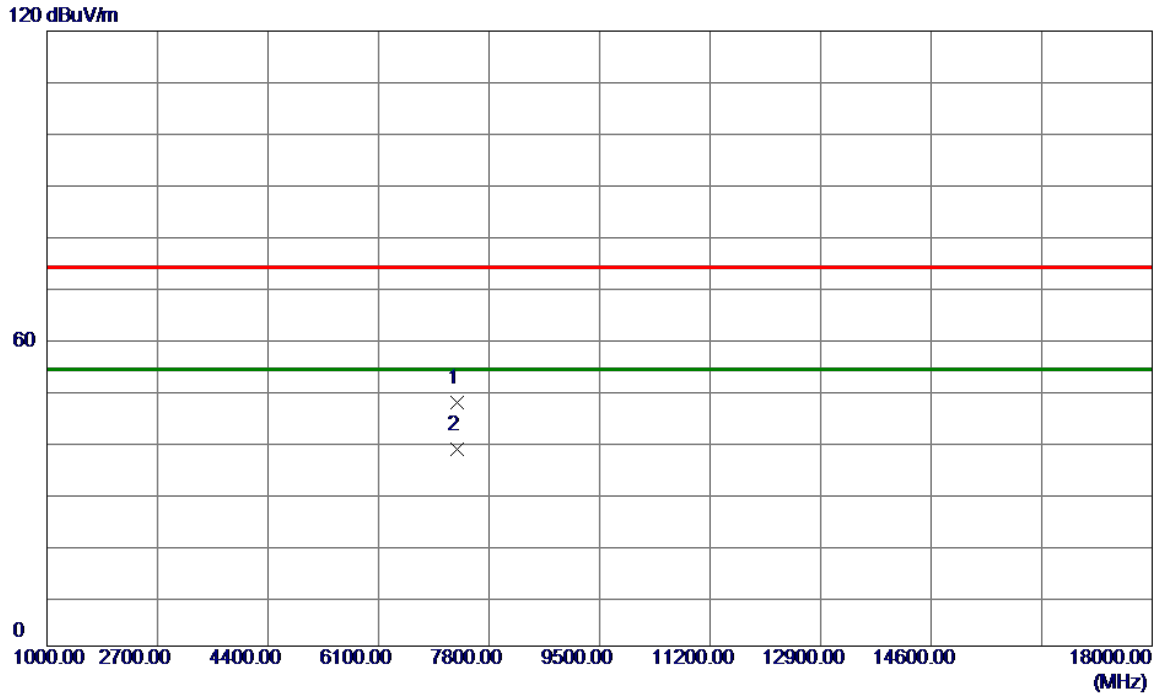
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7236.0000	41.67	4.88	46.55	74.00	-27.45	Peak	
2 *	7236.0000	31.02	4.88	35.90	54.00	-18.10	AVG	

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

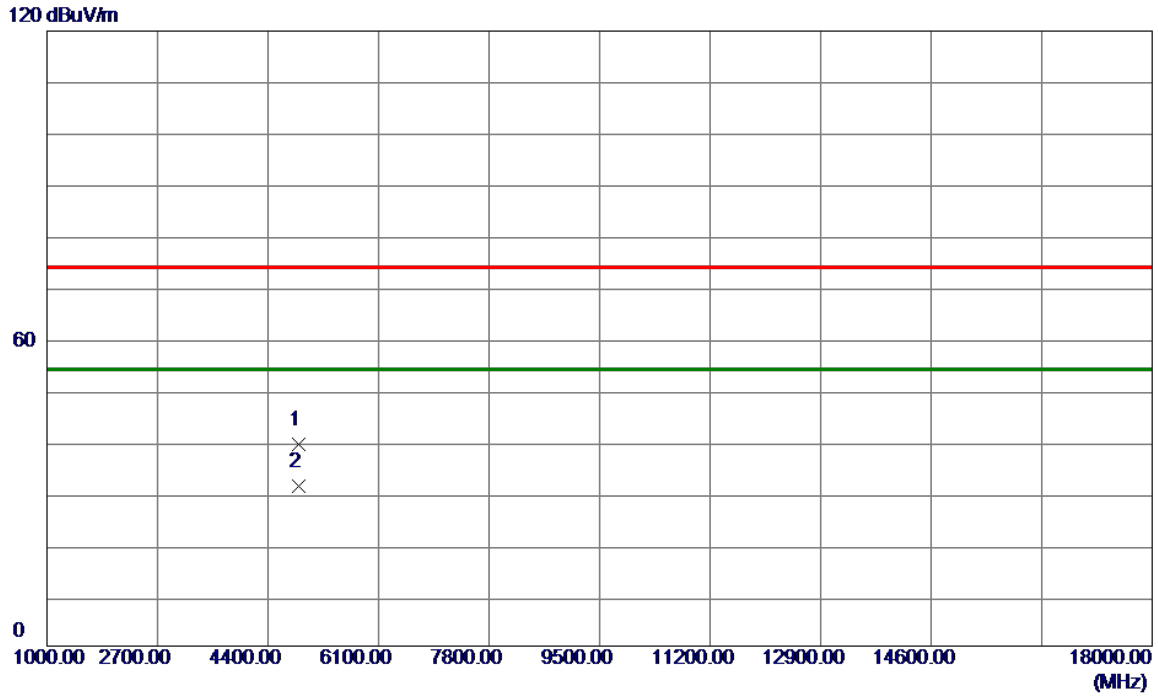
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	42.47	5.01	47.48	74.00	-26.52	Peak	
2 *	7311.0000	33.30	5.01	38.31	54.00	-15.69	AVG	

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

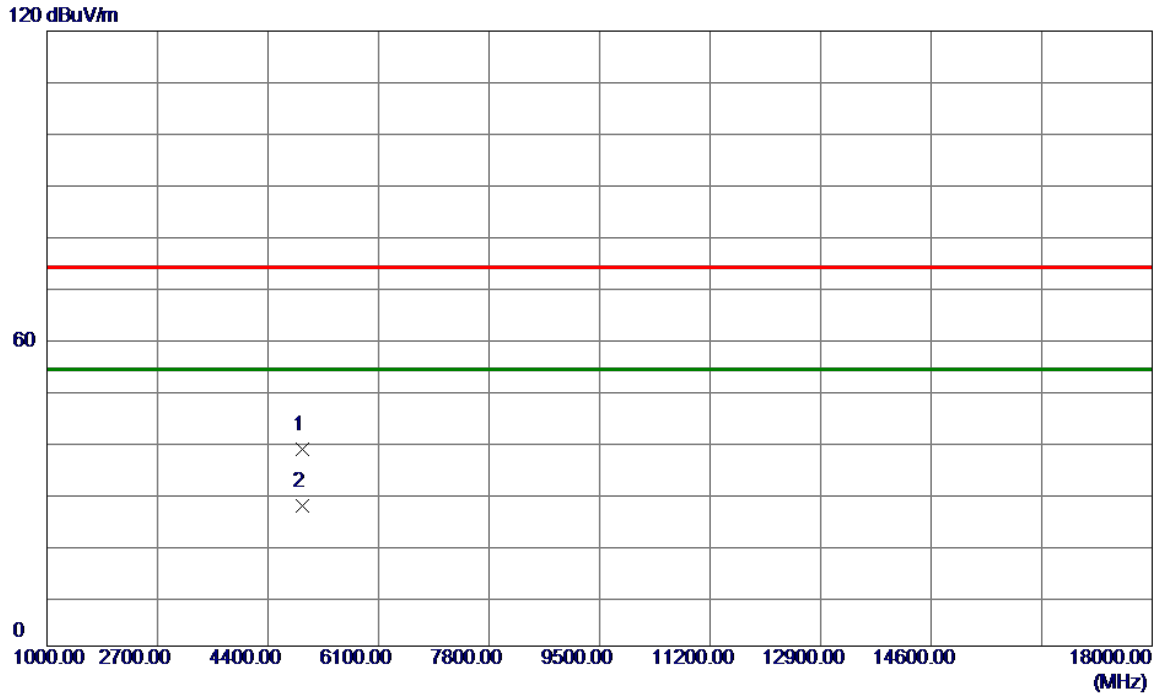
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.0000	41.07	-1.63	39.44	74.00	-34.56	Peak	
2 *	4874.0000	32.82	-1.63	31.19	54.00	-22.81	AVG	

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

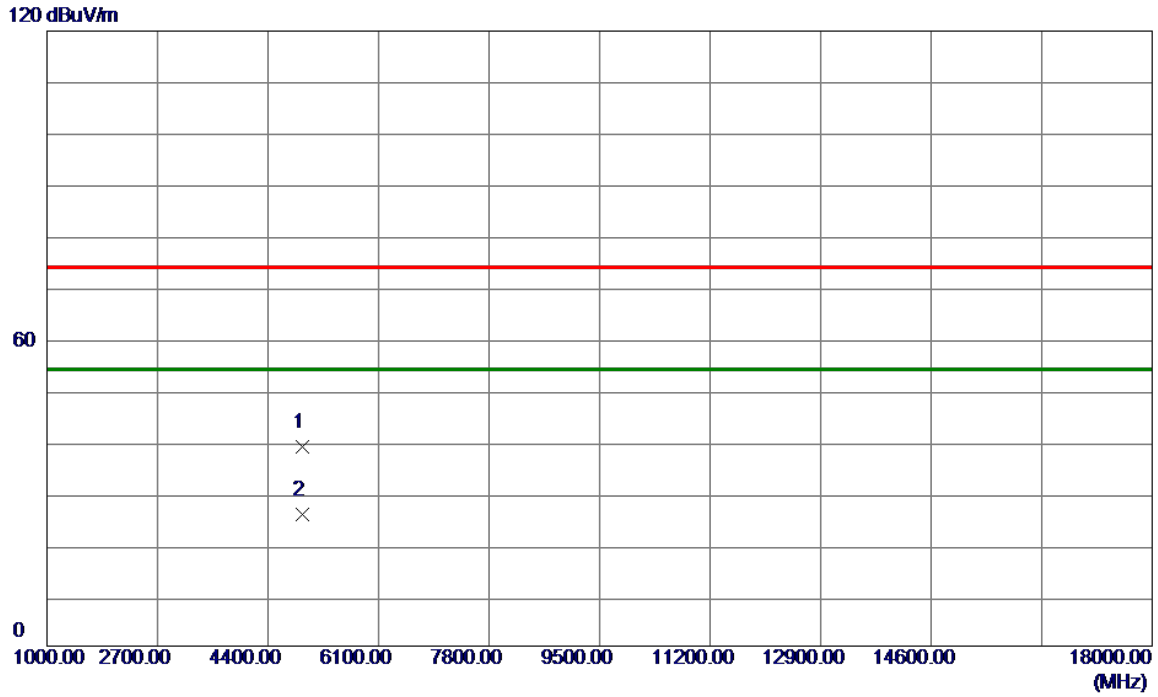
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	40.06	-1.57	38.49	74.00	-35.51	Peak	
2 *	4924.0000	29.02	-1.57	27.45	54.00	-26.55	AVG	

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

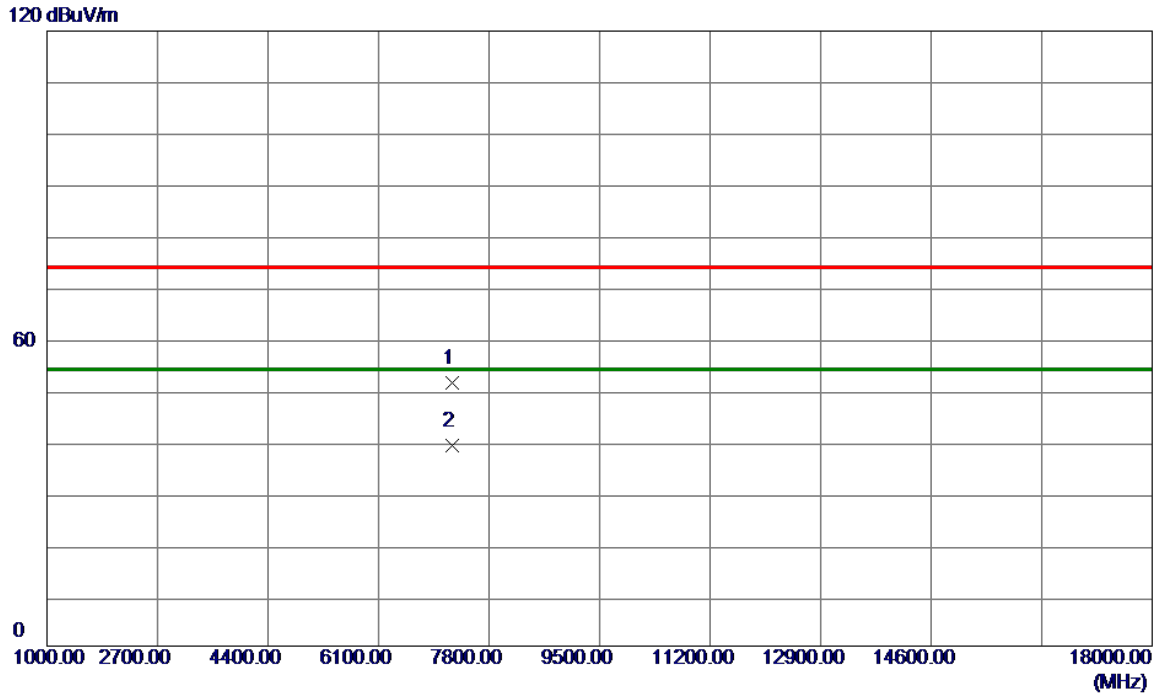
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0000	40.36	-1.57	38.79	74.00	-35.21	Peak	
2 *	4924.0000	27.26	-1.57	25.69	54.00	-28.31	AVG	

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

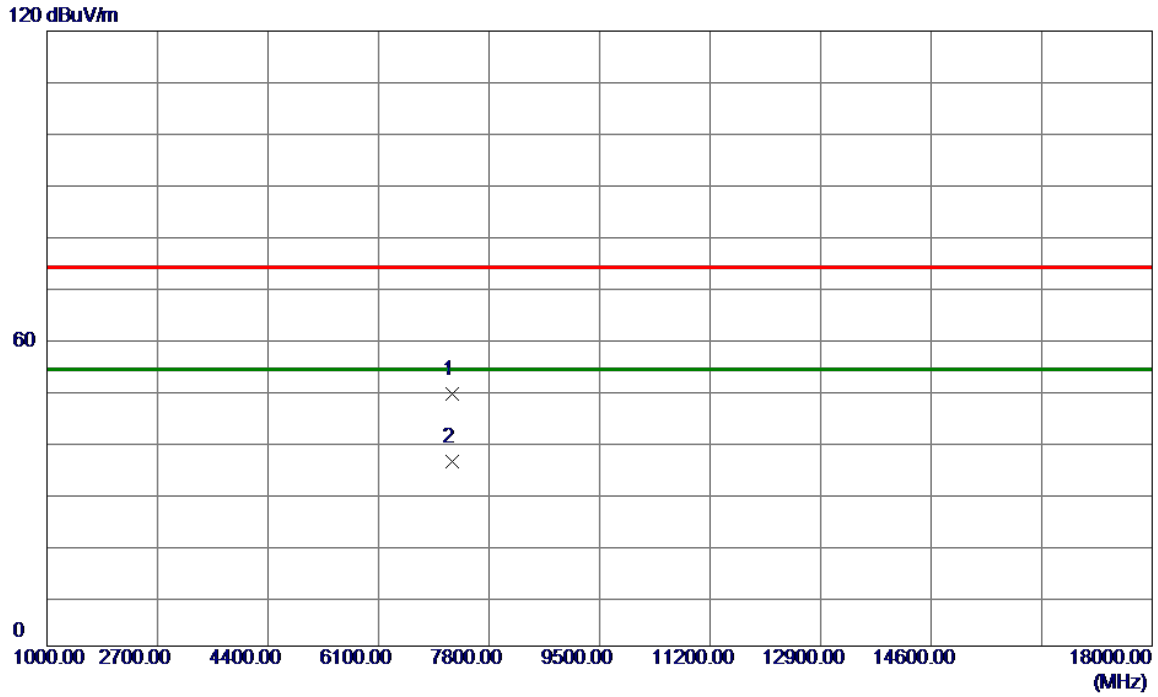
Test Mode	IEEE 802.11g	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7236.0000	46.40	4.88	51.28	74.00	-22.72	Peak	
2 *	7236.0000	34.33	4.88	39.21	54.00	-14.79	AVG	

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

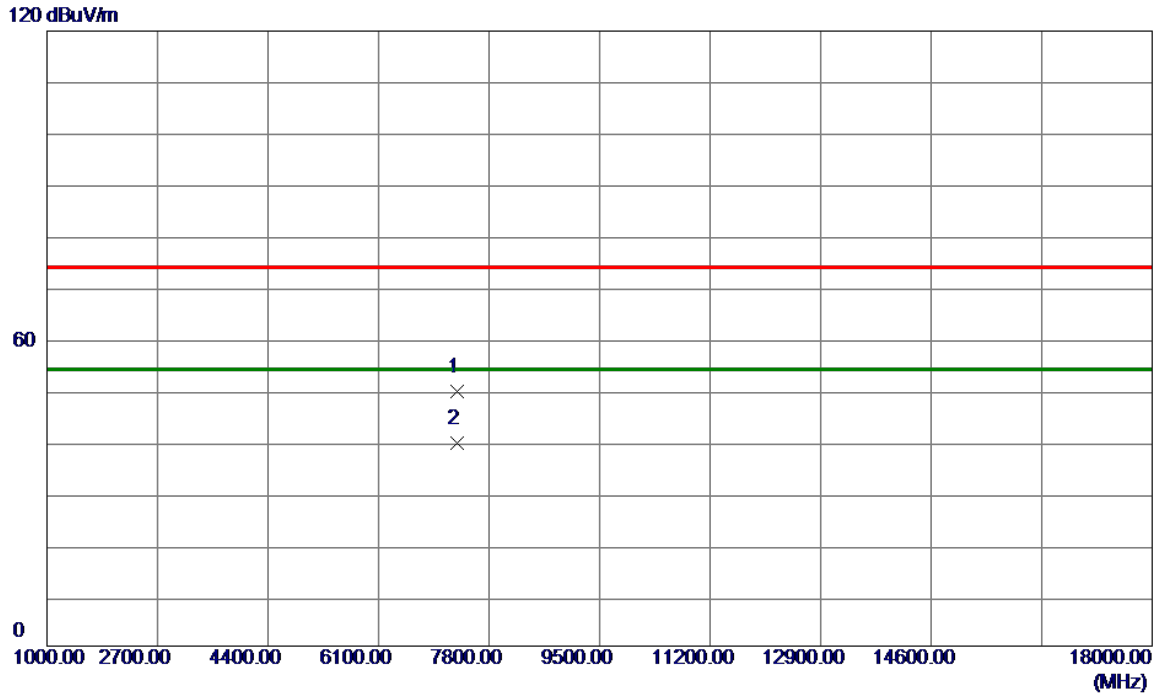
Test Mode	IEEE 802.11g	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7236.0000	44.40	4.88	49.28	74.00	-24.72	Peak	
2 *	7236.0000	31.10	4.88	35.98	54.00	-18.02	AVG	

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

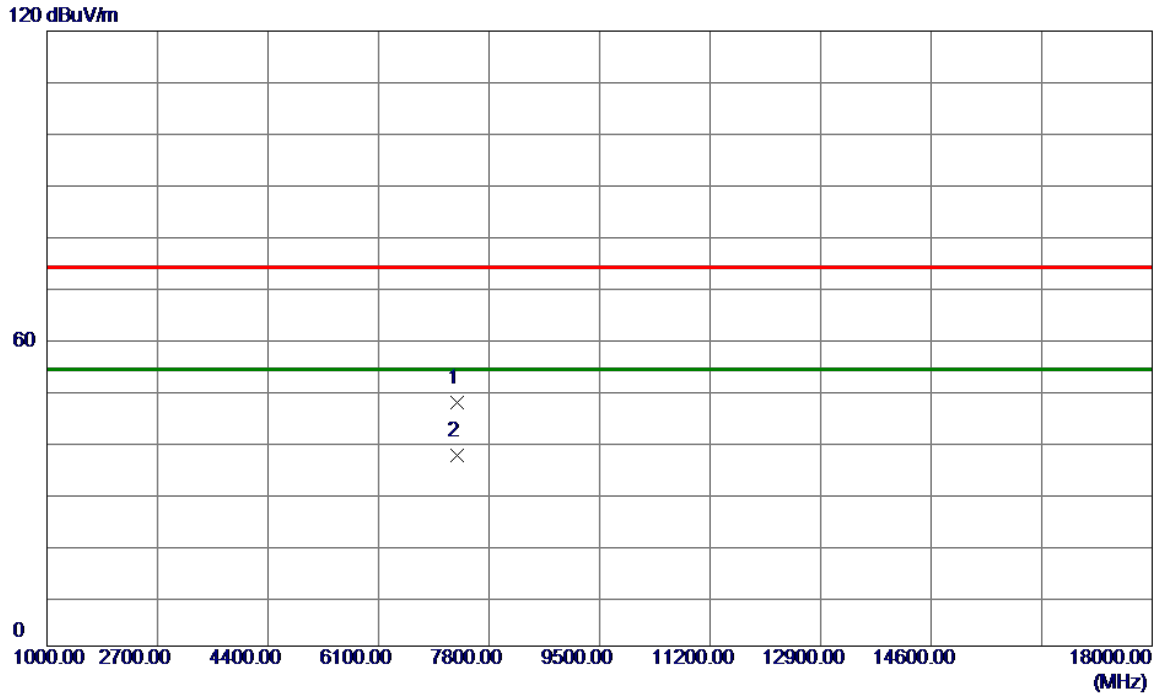
Test Mode	IEEE 802.11g	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	44.72	5.01	49.73	74.00	-24.27	Peak	
2 *	7311.0000	34.69	5.01	39.70	54.00	-14.30	AVG	

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

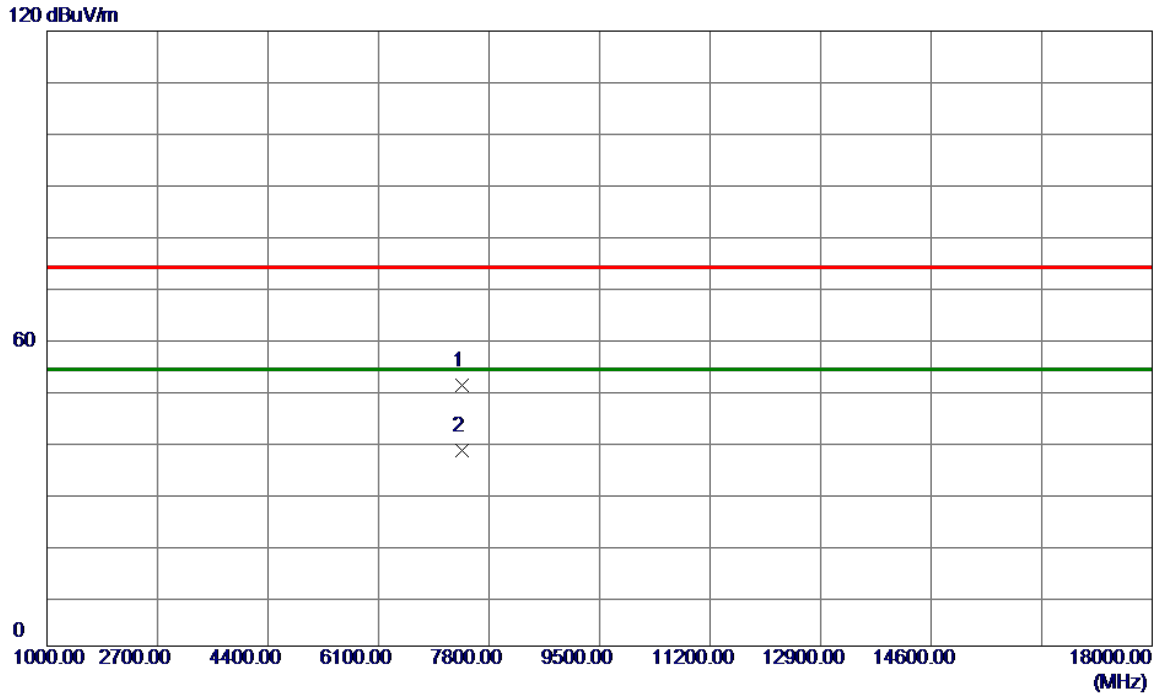
Test Mode	IEEE 802.11g	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	42.43	5.01	47.44	74.00	-26.56	Peak	
2 *	7311.0000	32.12	5.01	37.13	54.00	-16.87	AVG	

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

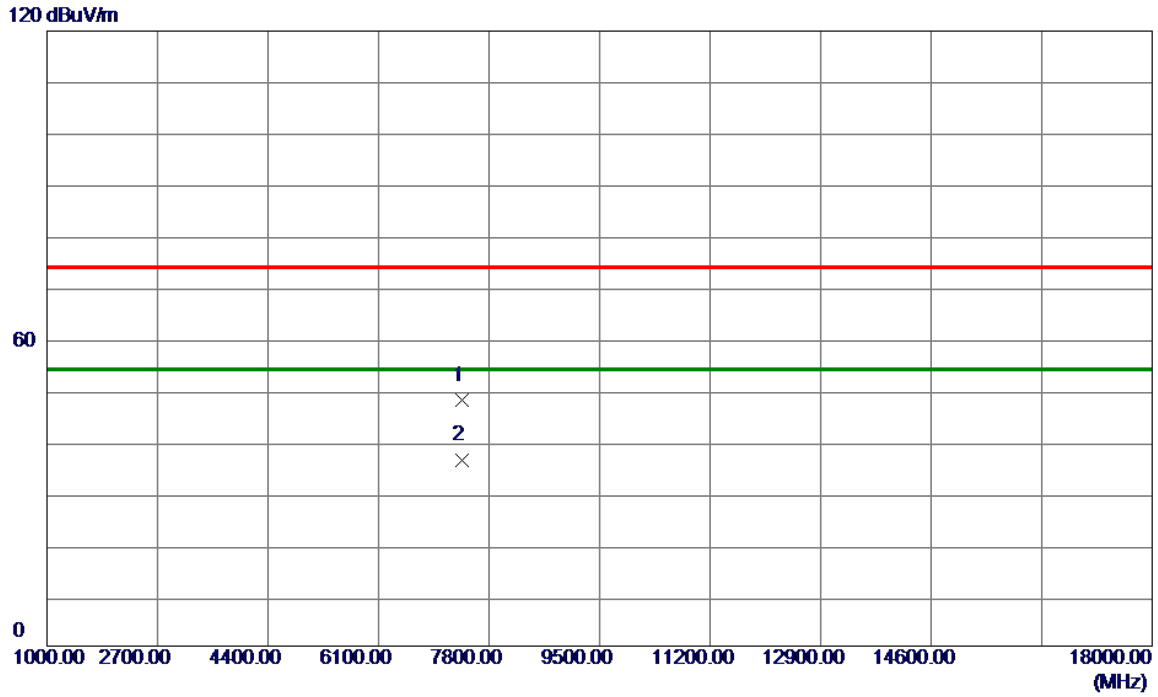
Test Mode	IEEE 802.11g	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7386.0000	45.68	5.15	50.83	74.00	-23.17	Peak	
2 *	7386.0000	32.95	5.15	38.10	54.00	-15.90	AVG	

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

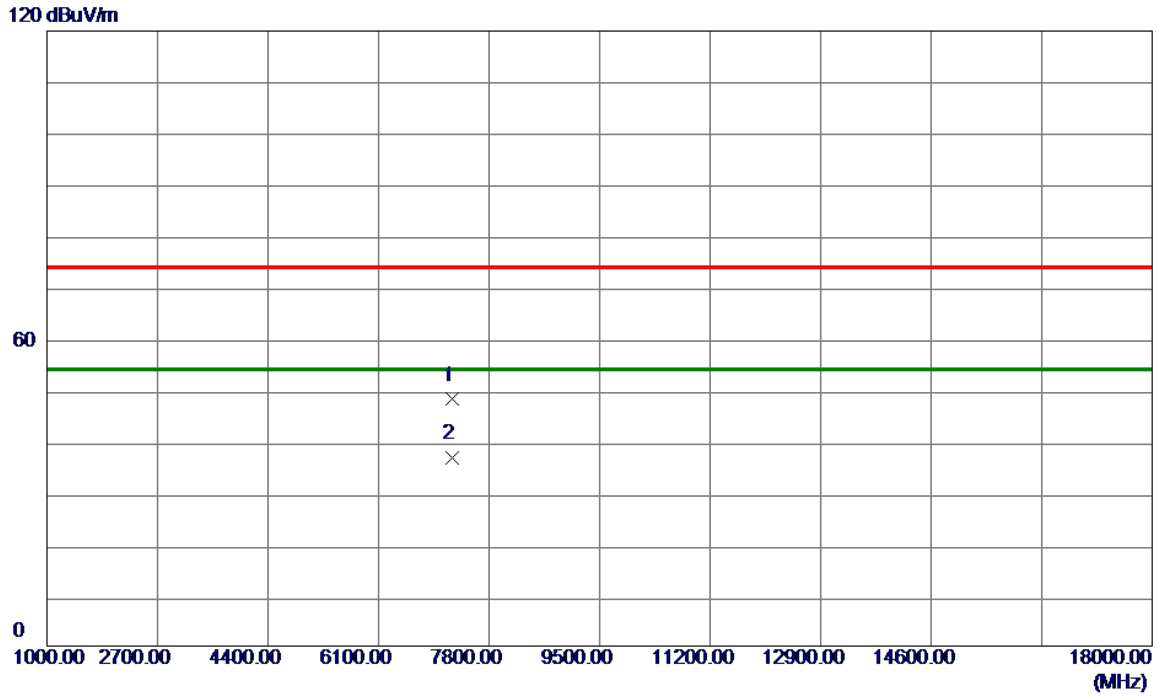
Test Mode	IEEE 802.11g	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7386.0000	42.80	5.15	47.95	74.00	-26.05	Peak	
2 *	7386.0000	31.21	5.15	36.36	54.00	-17.64	AVG	

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

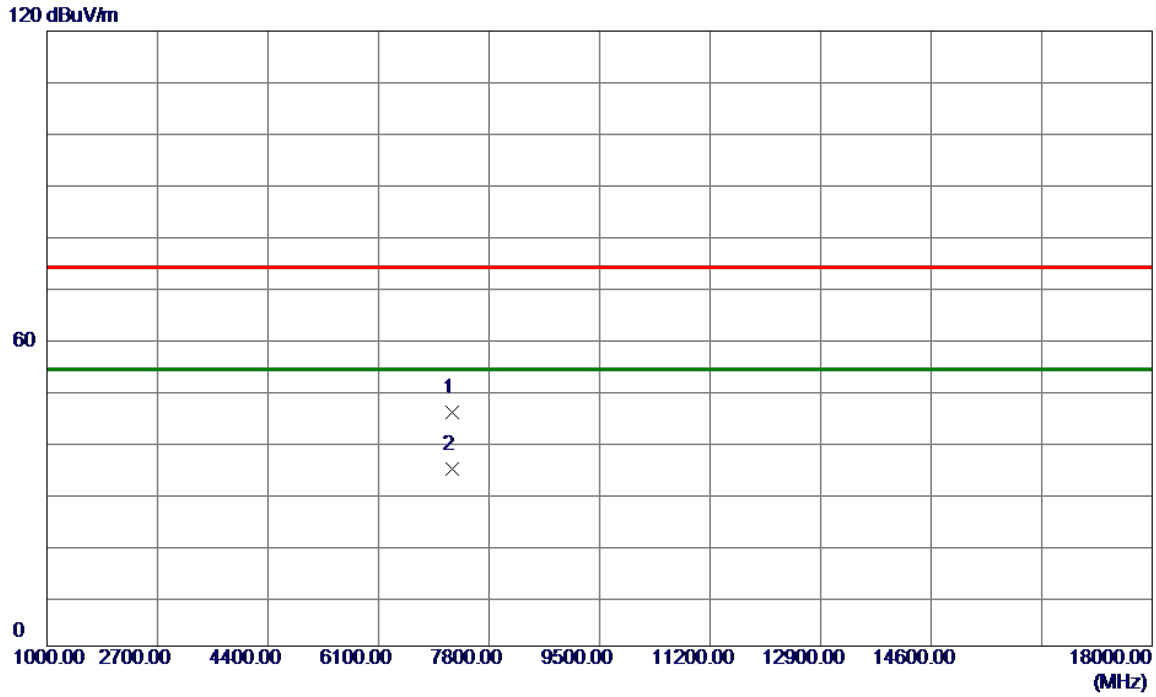
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7236.0000	43.24	4.88	48.12	74.00	-25.88	Peak	
2 *	7236.0000	31.82	4.88	36.70	54.00	-17.30	AVG	

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

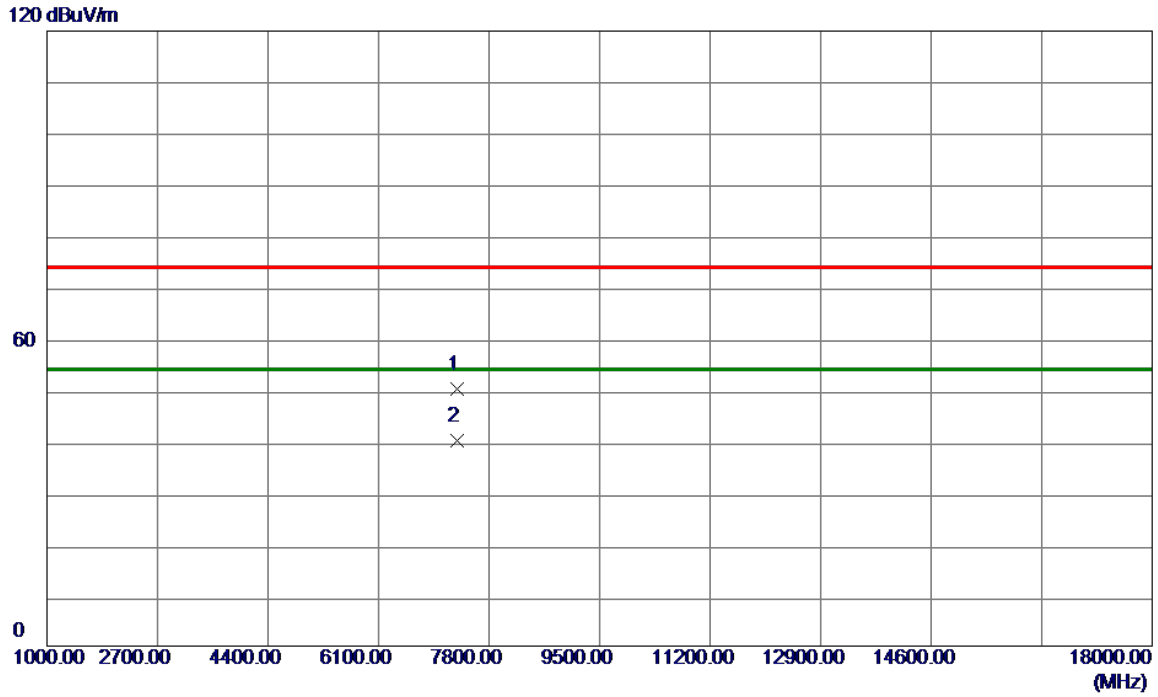
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7236.0000	40.81	4.88	45.69	74.00	-28.31	Peak	
2 *	7236.0000	29.62	4.88	34.50	54.00	-19.50	AVG	

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

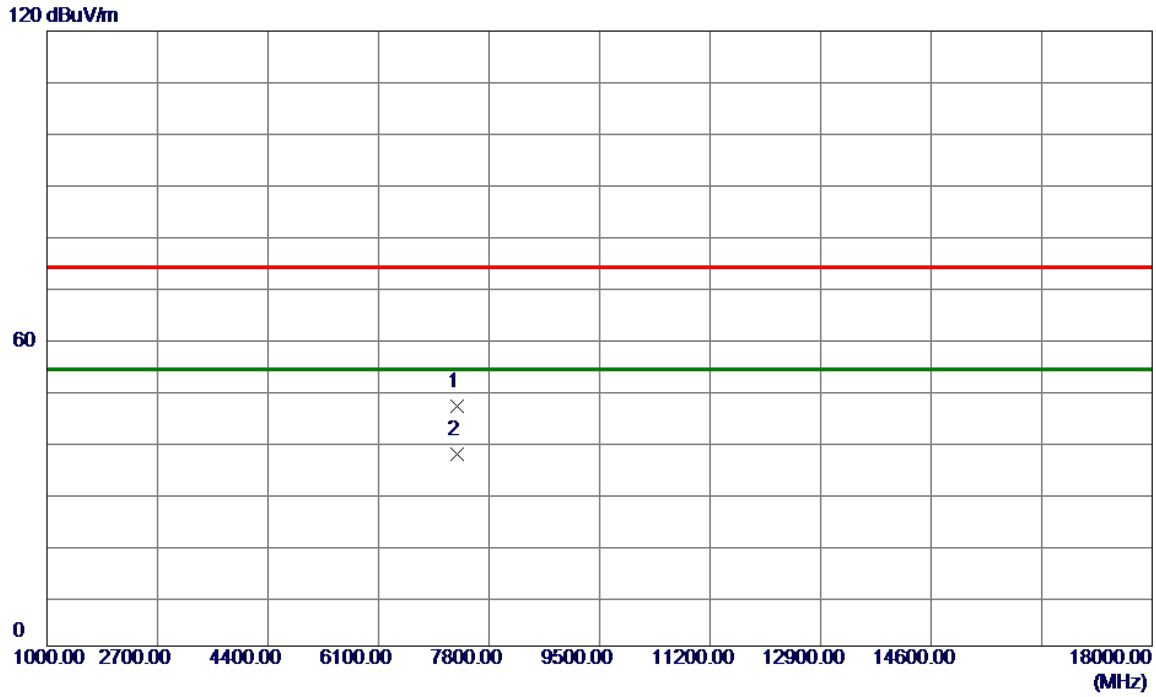
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	45.10	5.01	50.11	74.00	-23.89	Peak	
2 *	7311.0000	35.07	5.01	40.08	54.00	-13.92	AVG	

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

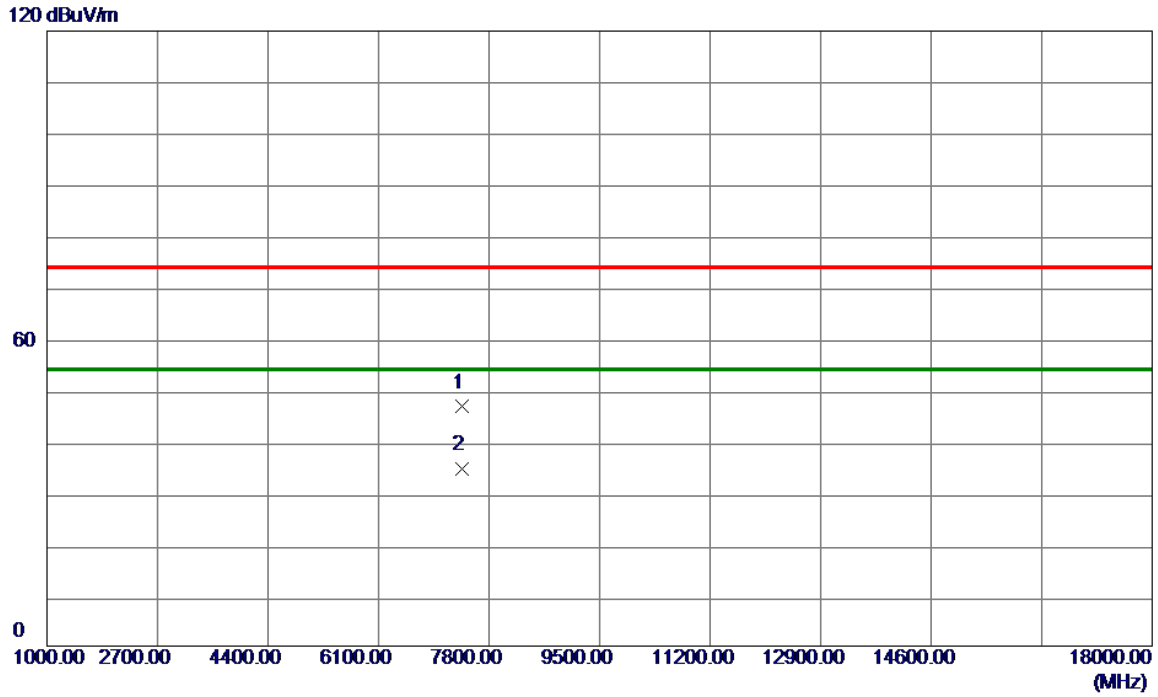
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	41.88	5.01	46.89	74.00	-27.11	Peak	
2 *	7311.0000	32.46	5.01	37.47	54.00	-16.53	AVG	

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

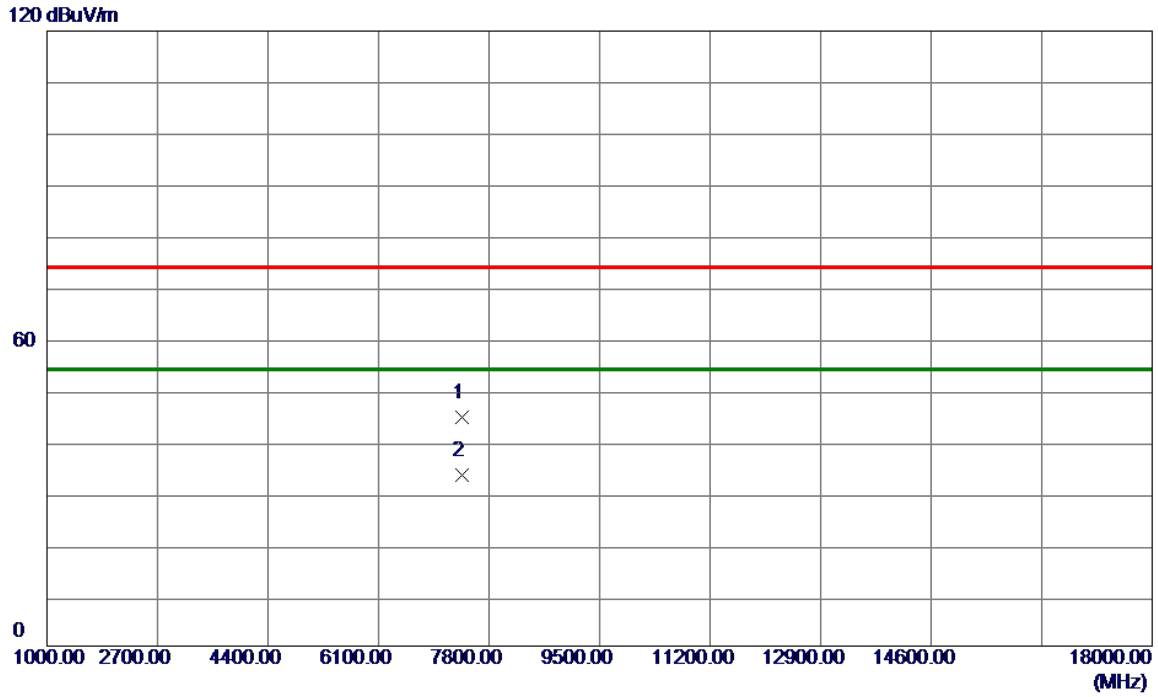
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7386.0000	41.53	5.15	46.68	74.00	-27.32	Peak	
2 *	7386.0000	29.40	5.15	34.55	54.00	-19.45	AVG	

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

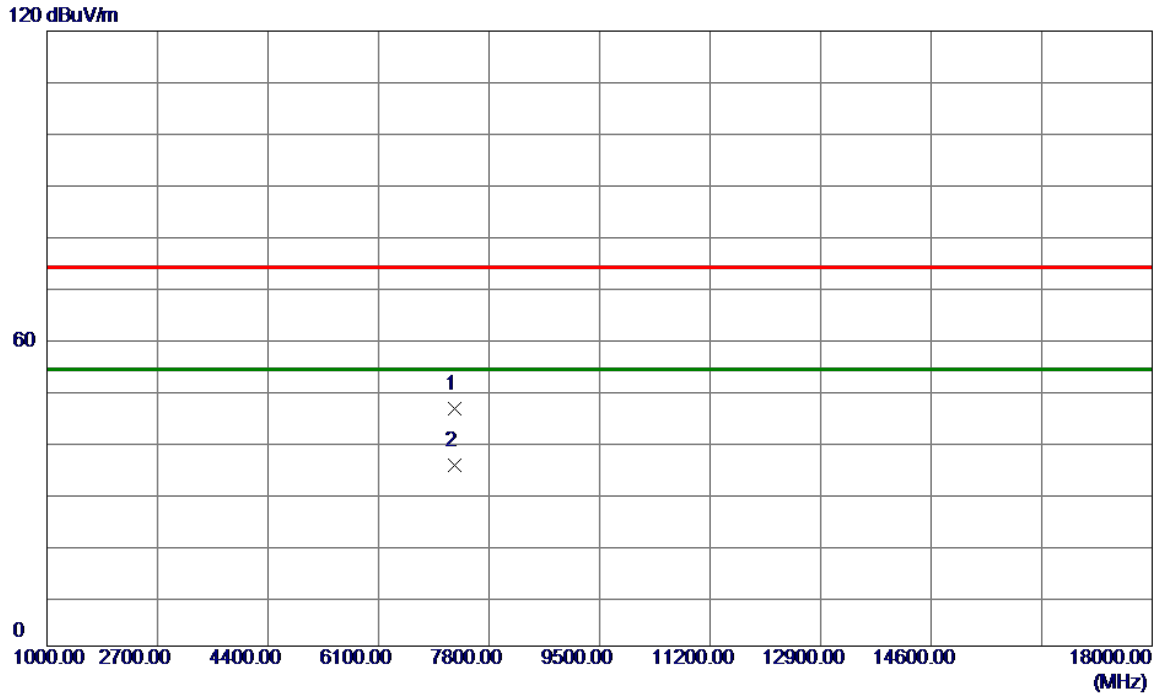
Test Mode	IEEE 802.11n (HT20)	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7386.0000	39.49	5.15	44.64	74.00	-29.36	Peak	
2 *	7386.0000	28.25	5.15	33.40	54.00	-20.60	AVG	

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

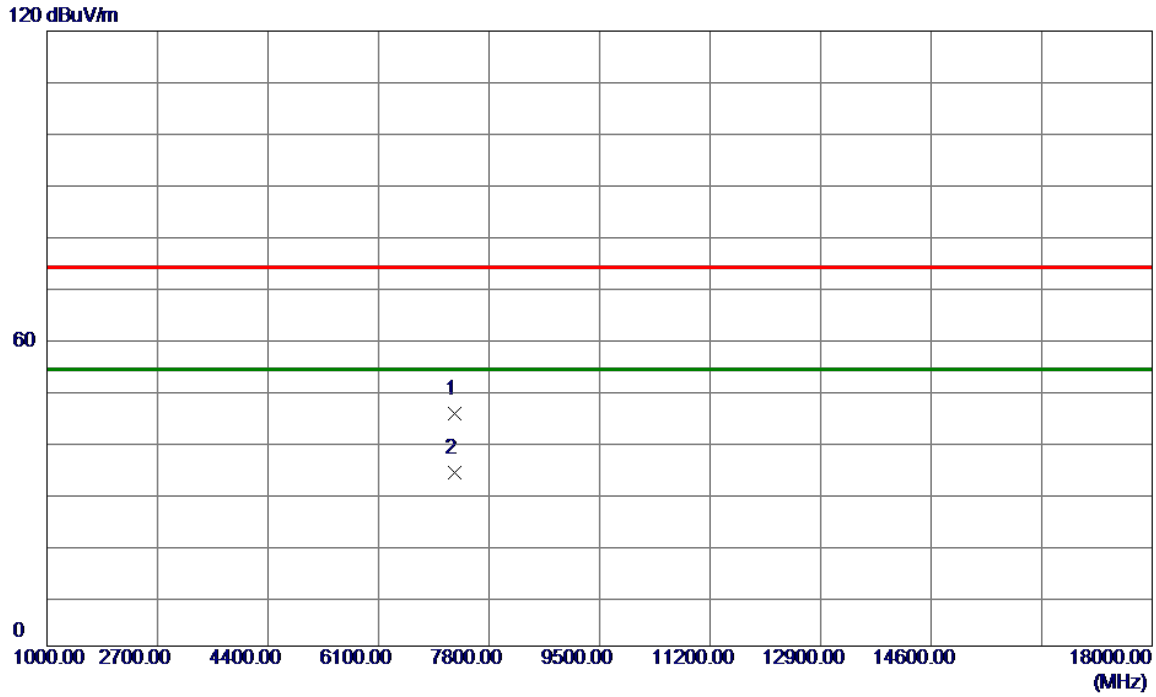
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/5/28
Test Frequency	2422MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7266.0000	41.46	4.93	46.39	74.00	-27.61	Peak	
2 *	7266.0000	30.35	4.93	35.28	54.00	-18.72	AVG	

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

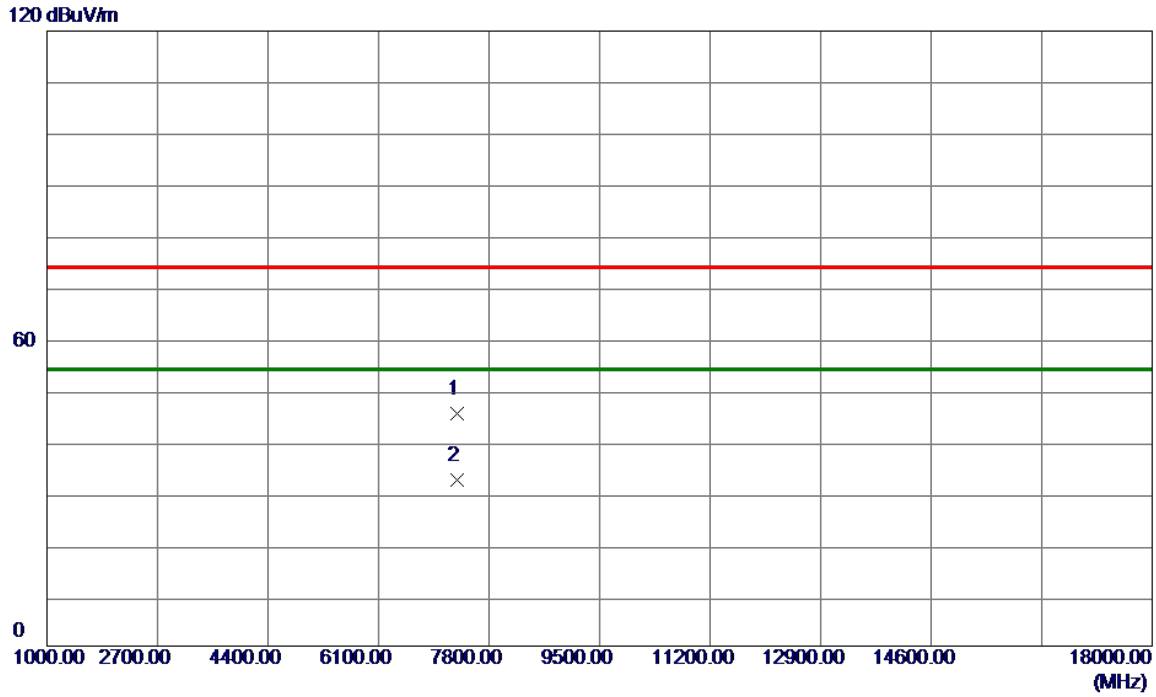
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/5/28
Test Frequency	2422MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7266.0000	40.51	4.93	45.44	74.00	-28.56	Peak	
2 *	7266.0000	28.87	4.93	33.80	54.00	-20.20	AVG	

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

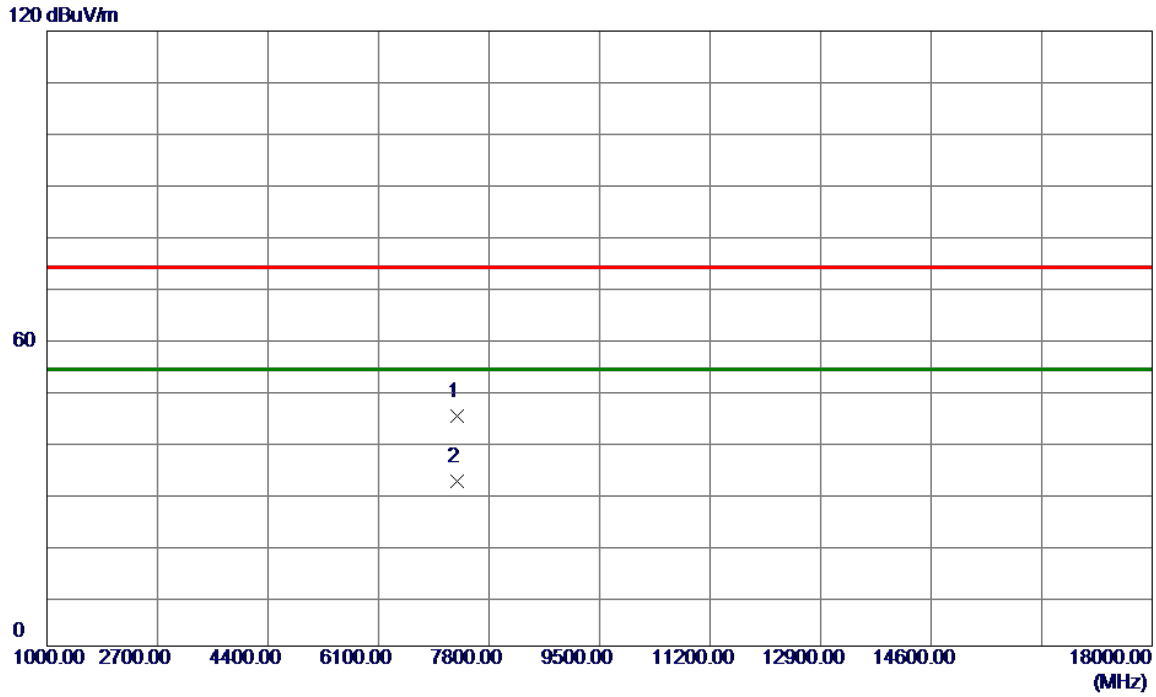
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	40.42	5.01	45.43	74.00	-28.57	Peak	
2 *	7311.0000	27.46	5.01	32.47	54.00	-21.53	AVG	

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

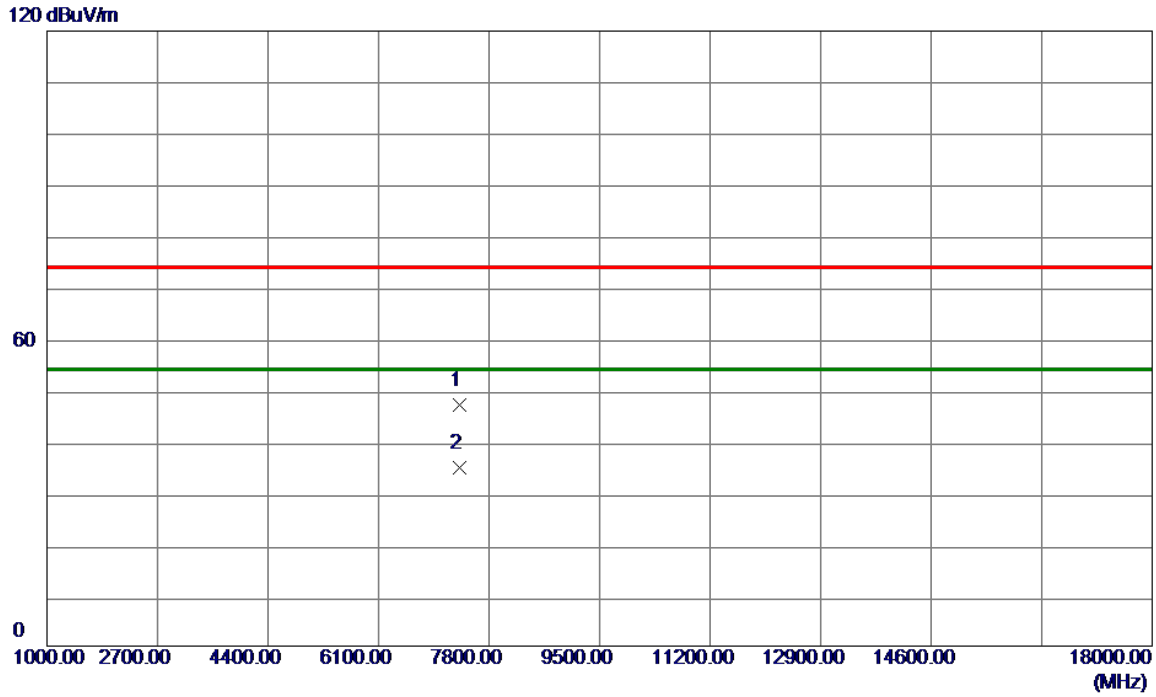
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	39.97	5.01	44.98	74.00	-29.02	Peak	
2 *	7311.0000	27.04	5.01	32.05	54.00	-21.95	AVG	

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

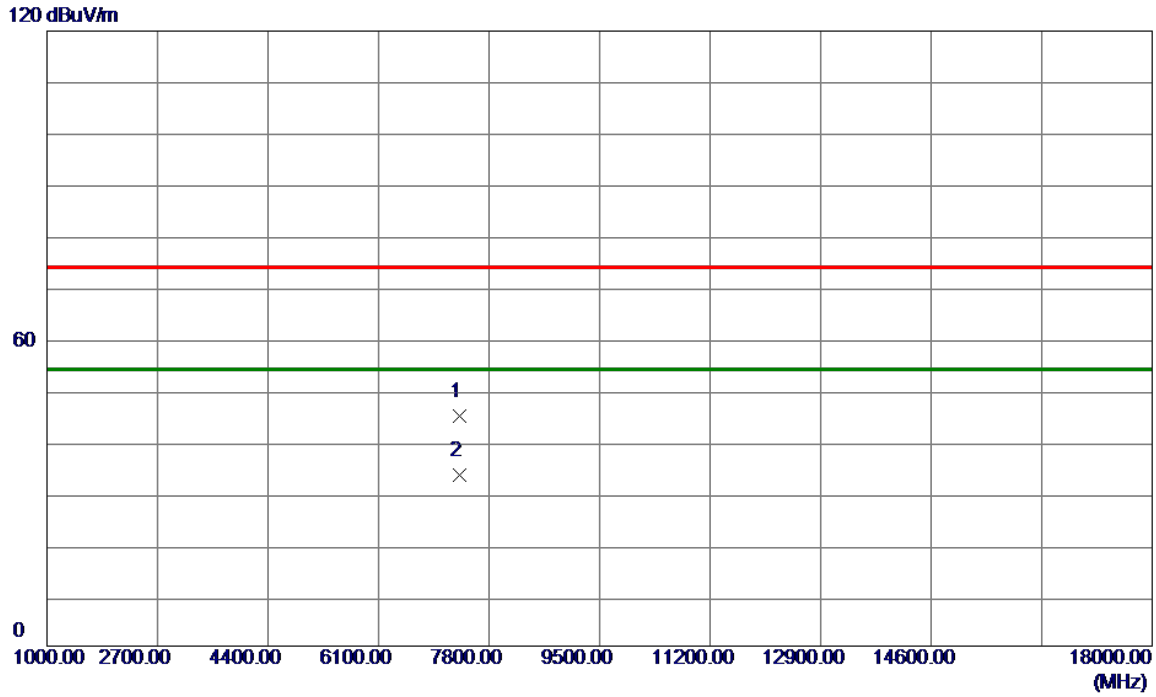
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/5/28
Test Frequency	2452MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7356.0000	42.04	5.09	47.13	74.00	-26.87	Peak	
2 *	7356.0000	29.78	5.09	34.87	54.00	-19.13	AVG	

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

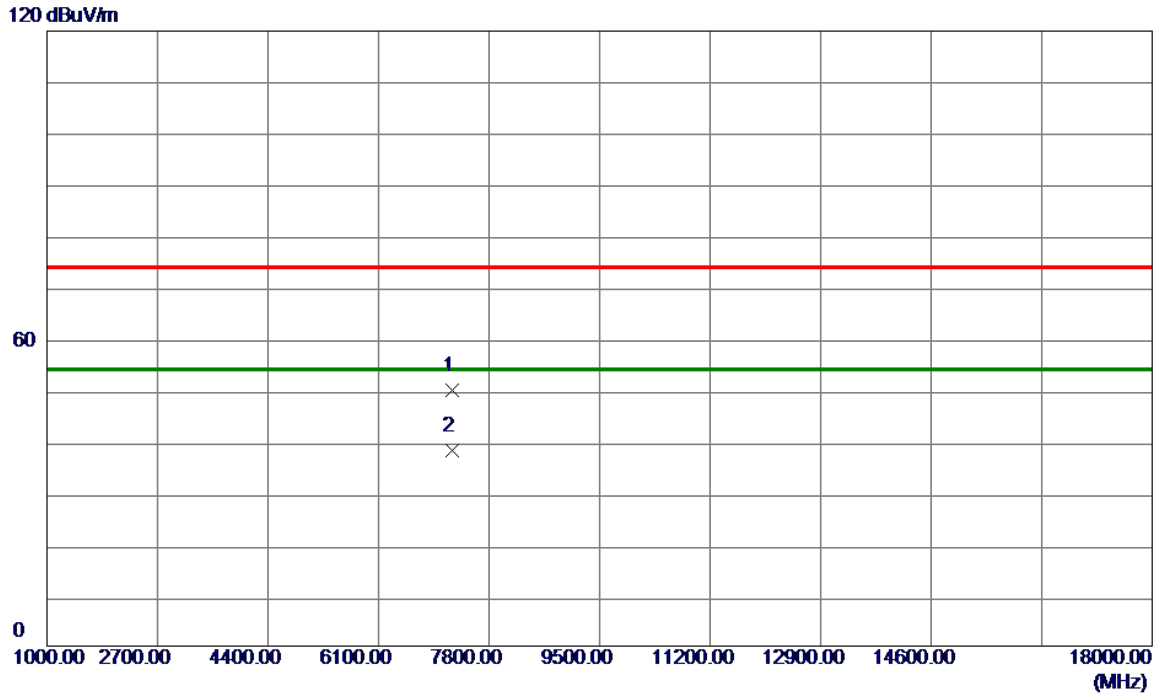
Test Mode	IEEE 802.11n (HT40)	Test Date	2025/5/28
Test Frequency	2452MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7356.0000	39.69	5.09	44.78	74.00	-29.22	Peak	
2 *	7356.0000	28.19	5.09	33.28	54.00	-20.72	AVG	

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

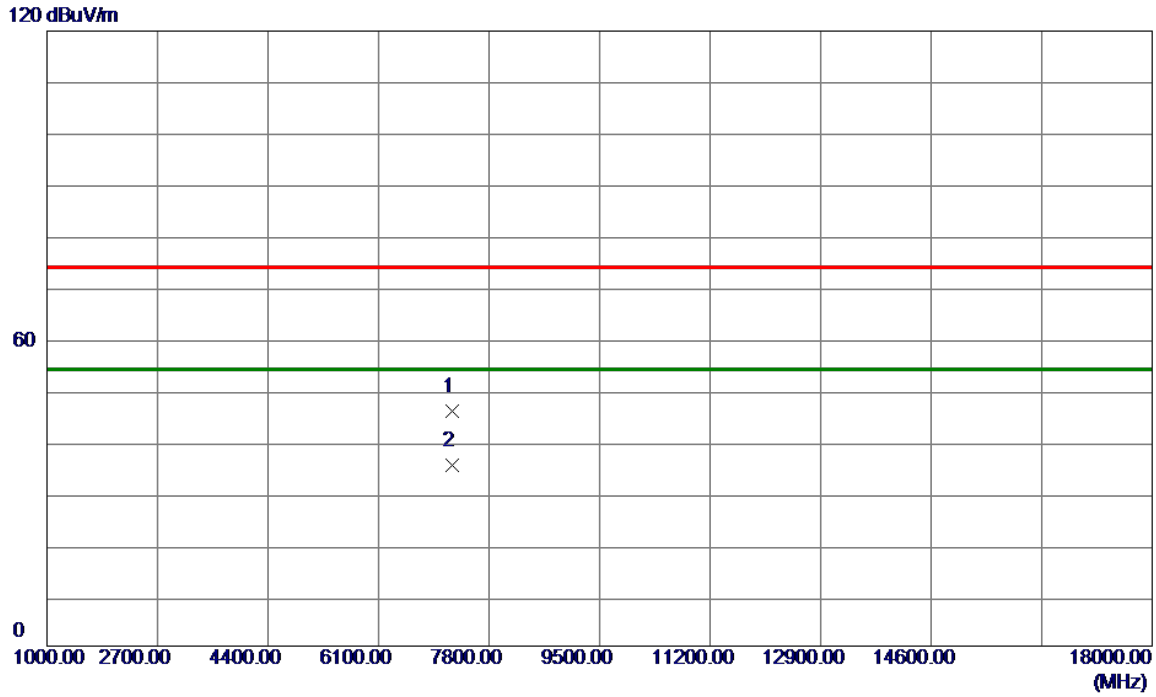
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7236.0000	45.03	4.88	49.91	74.00	-24.09	Peak	
2 *	7236.0000	33.24	4.88	38.12	54.00	-15.88	AVG	

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

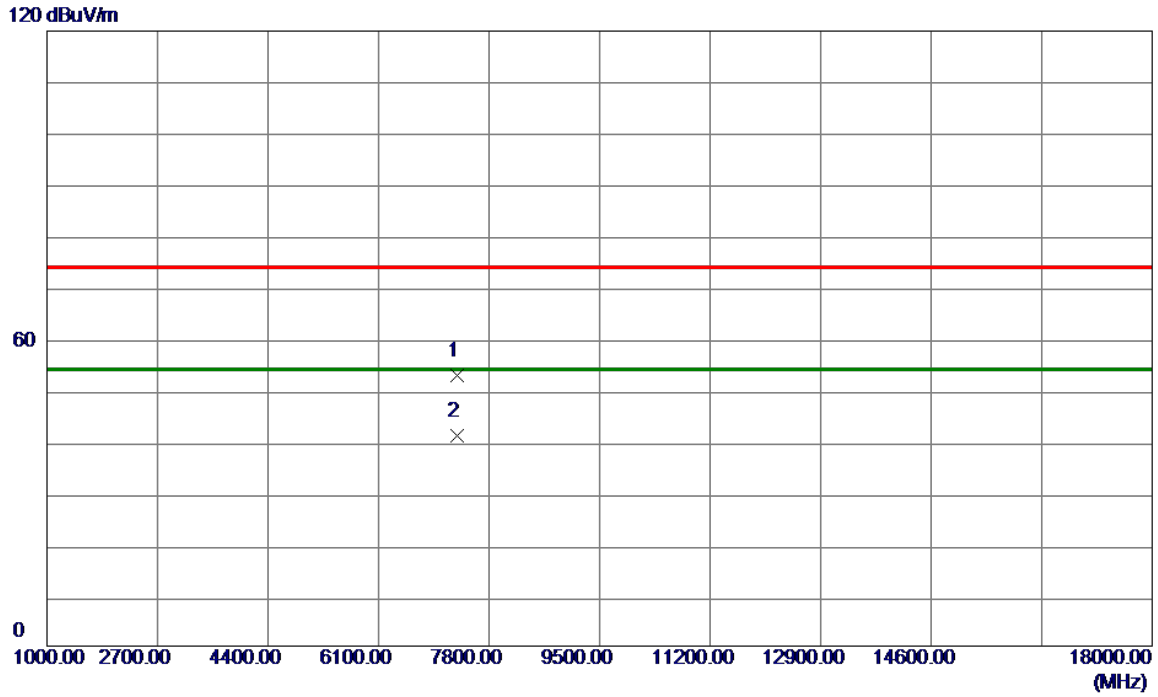
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7236.0000	41.00	4.88	45.88	74.00	-28.12	Peak	
2 *	7236.0000	30.46	4.88	35.34	54.00	-18.66	AVG	

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

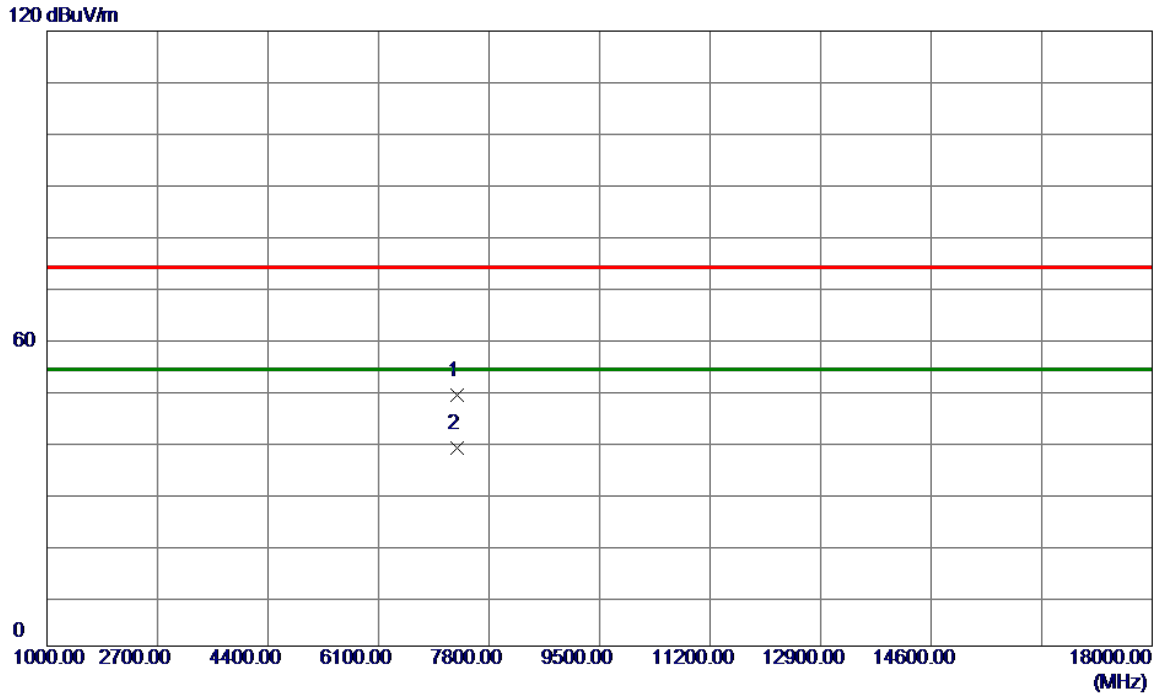
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	47.68	5.01	52.69	74.00	-21.31	Peak	
2 *	7311.0000	36.04	5.01	41.05	54.00	-12.95	AVG	

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

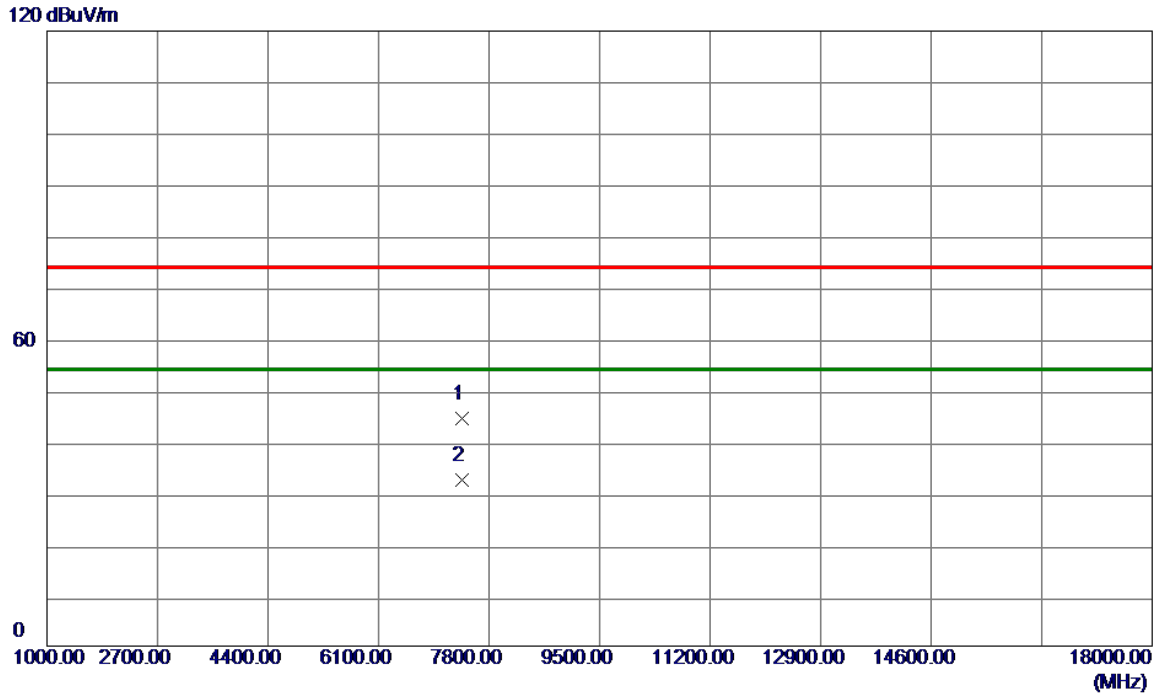
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	44.02	5.01	49.03	74.00	-24.97	Peak	
2 *	7311.0000	33.53	5.01	38.54	54.00	-15.46	AVG	

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

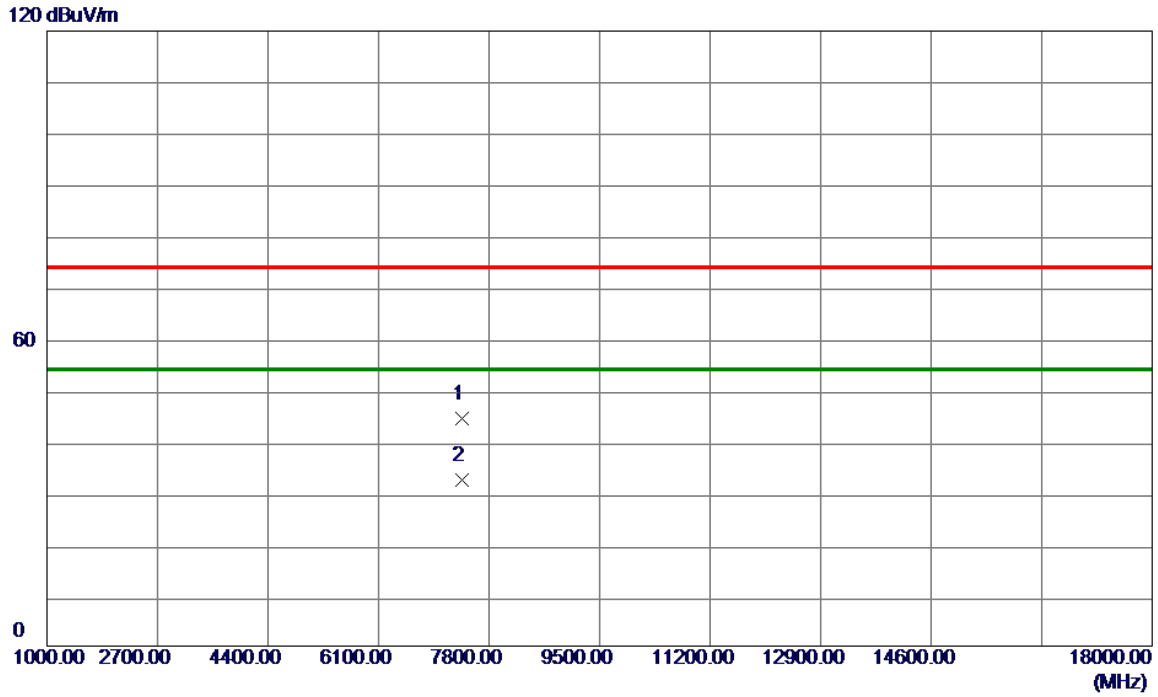
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7386.0000	39.28	5.15	44.43	74.00	-29.57	Peak	
2 *	7386.0000	27.20	5.15	32.35	54.00	-21.65	AVG	

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

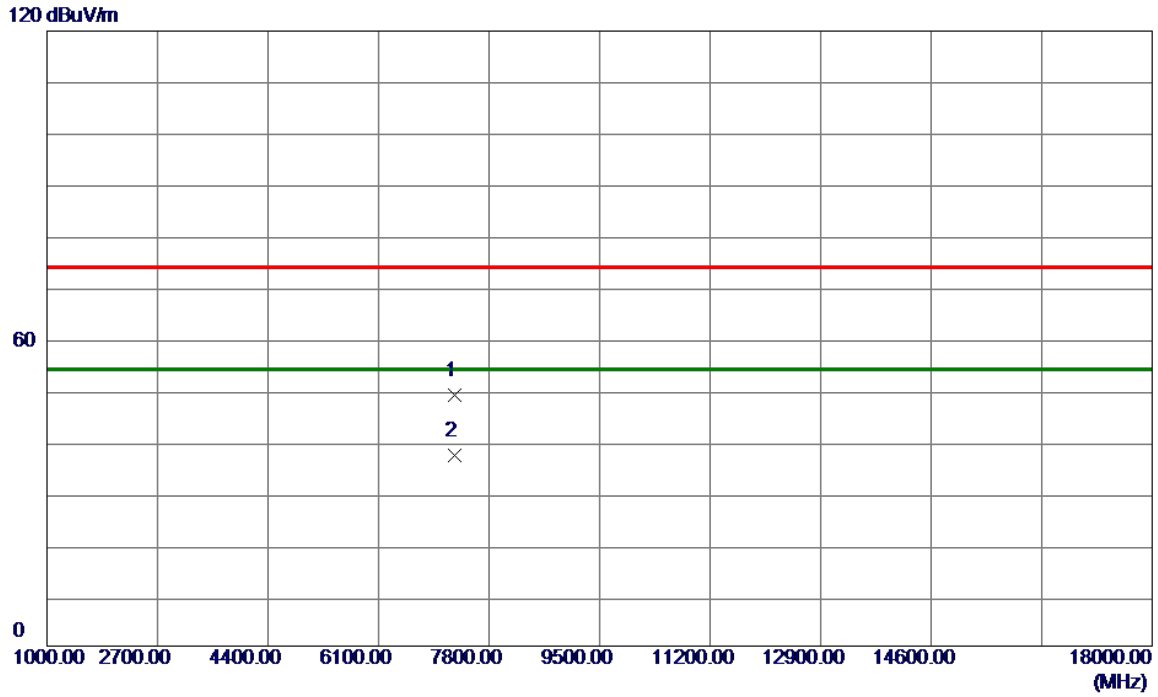
Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/5/28
Test Frequency	2462MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7386.0000	39.22	5.15	44.37	74.00	-29.63	Peak	
2 *	7386.0000	27.32	5.15	32.47	54.00	-21.53	AVG	

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

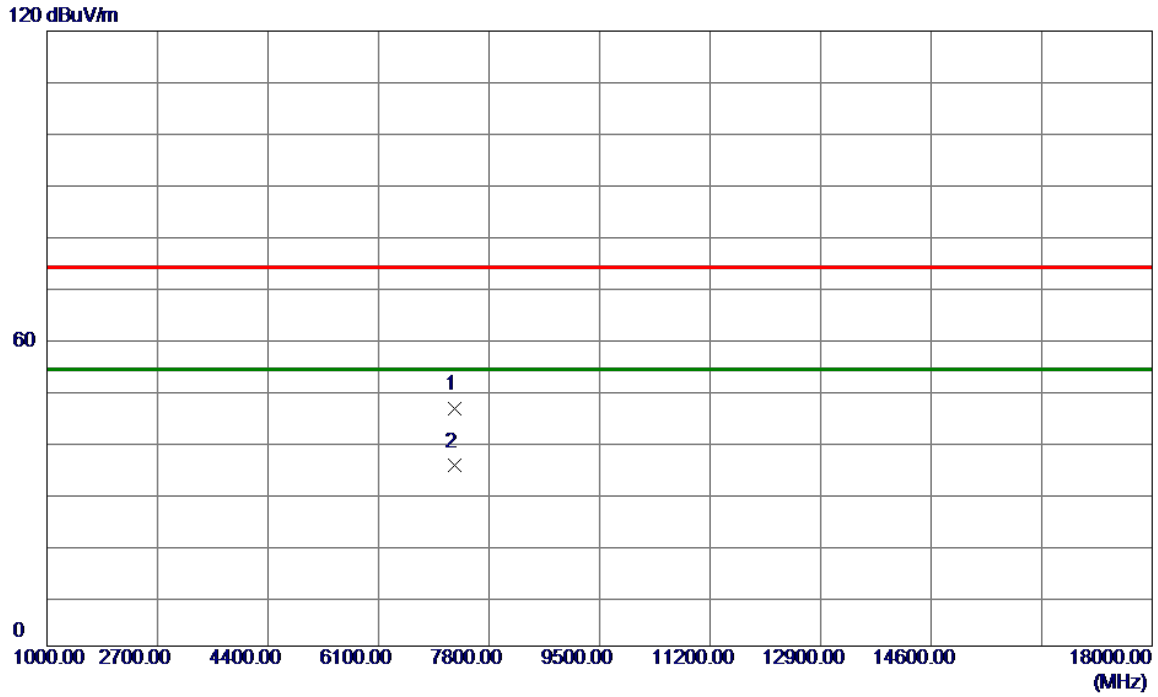
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/5/28
Test Frequency	2422MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7266.0000	43.97	4.93	48.90	74.00	-25.10	Peak	
2 *	7266.0000	32.19	4.93	37.12	54.00	-16.88	AVG	

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

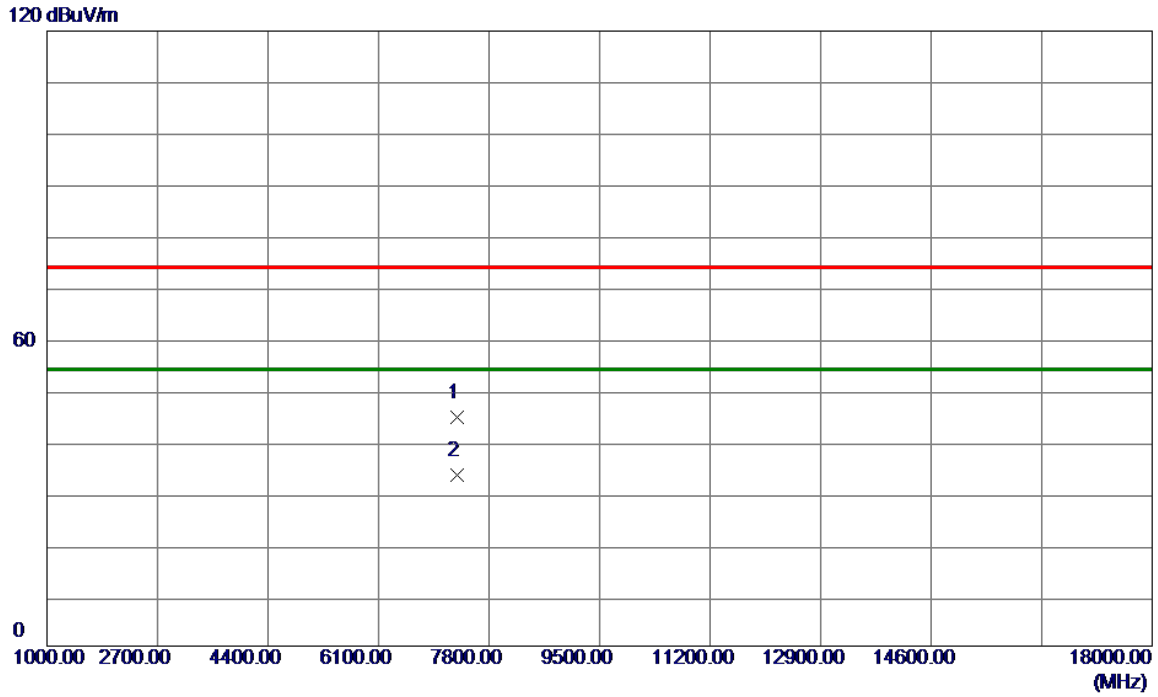
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/5/28
Test Frequency	2422MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7266.0000	41.42	4.93	46.35	74.00	-27.65	Peak	
2 *	7266.0000	30.23	4.93	35.16	54.00	-18.84	AVG	

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

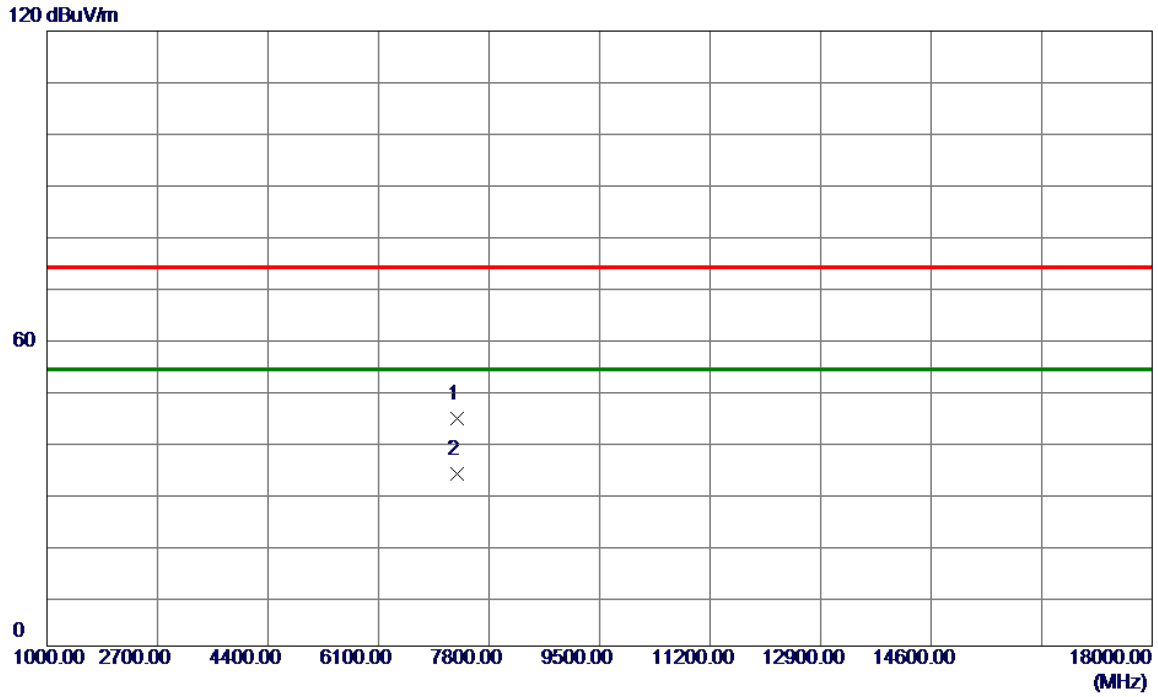
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	39.75	5.01	44.76	74.00	-29.24	Peak	
2 *	7311.0000	28.37	5.01	33.38	54.00	-20.62	AVG	

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

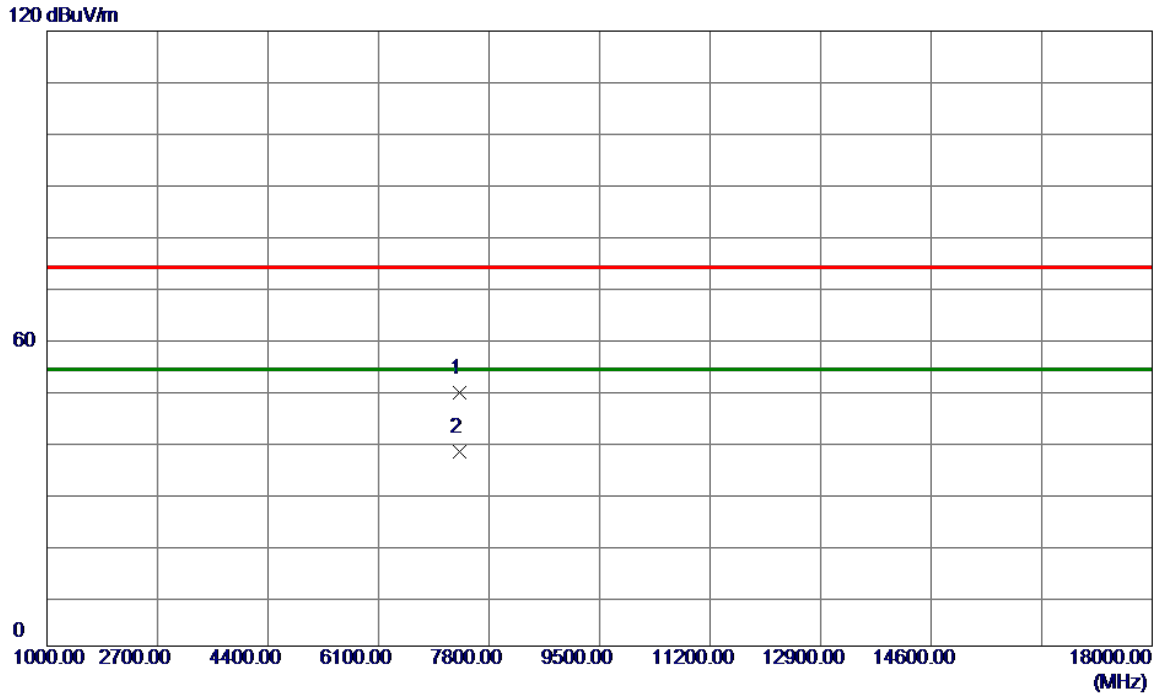
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/5/28
Test Frequency	2437MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	39.36	5.01	44.37	74.00	-29.63	Peak	
2 *	7311.0000	28.65	5.01	33.66	54.00	-20.34	AVG	

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

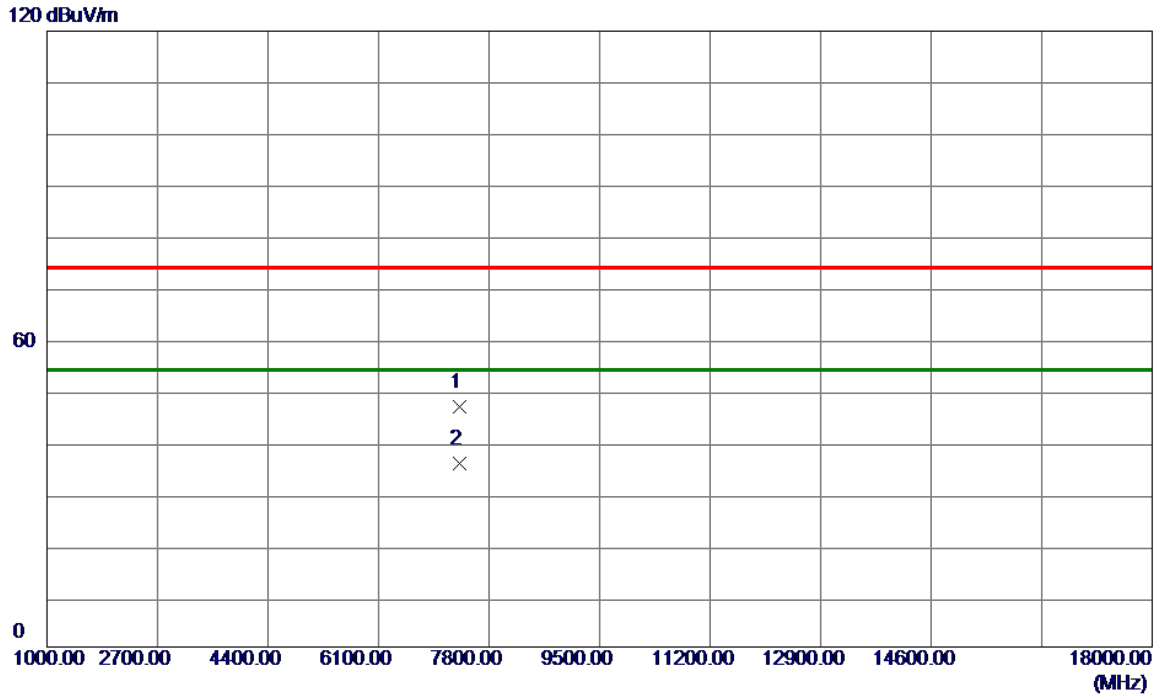
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/5/28
Test Frequency	2452MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7356.0000	44.30	5.09	49.39	74.00	-24.61	Peak	
2 *	7356.0000	32.94	5.09	38.03	54.00	-15.97	AVG	

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

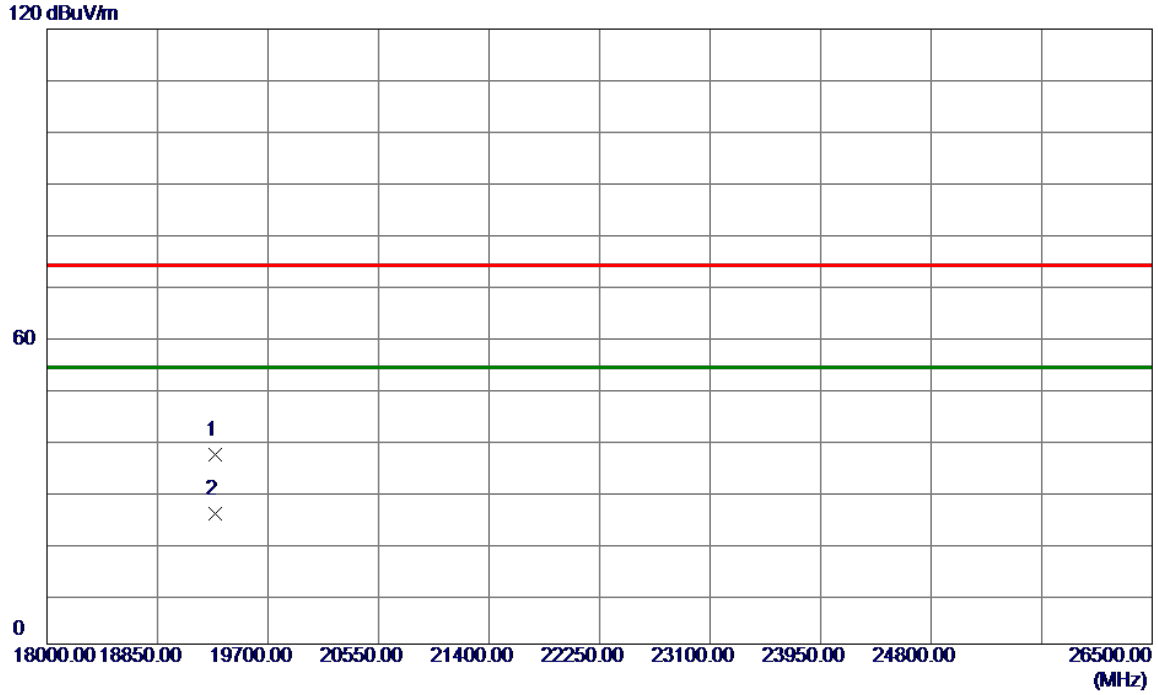
Test Mode	IEEE 802.11ax (HE40)	Test Date	2025/5/28
Test Frequency	2452MHz	Polarization	Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7356.0000	41.83	5.09	46.92	74.00	-27.08	Peak	
2 *	7356.0000	30.73	5.09	35.82	54.00	-18.18	AVG	

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

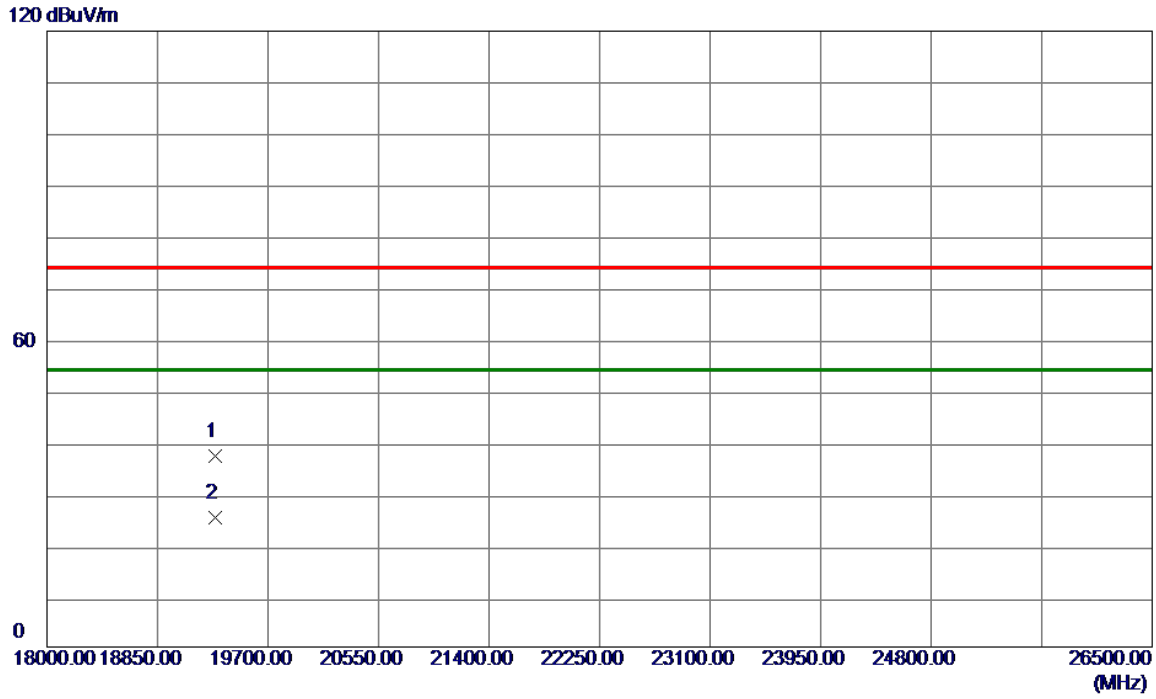
Test Mode	IEEE 802.11b	Test Date	2025/5/28
Test Frequency	2412MHz	Polarization	Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	19296.0000	46.99	-10.01	36.98	74.00	-37.02	Peak	
2 *	19296.0000	35.40	-10.01	25.39	54.00	-28.61	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2025/5/28
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	19296.0000	47.32	-10.01	37.31	74.00	-36.69	Peak	
2 *	19296.0000	35.30	-10.01	25.29	54.00	-28.71	AVG	

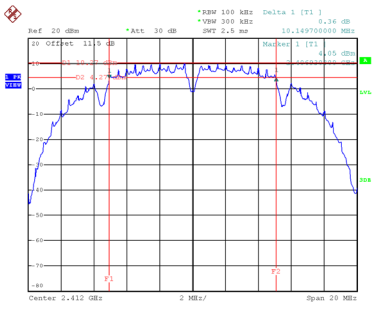
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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	10.150	14.000	0.5	Complies
06	2437	10.060	14.000	0.5	Complies
11	2462	10.100	14.000	0.5	Complies

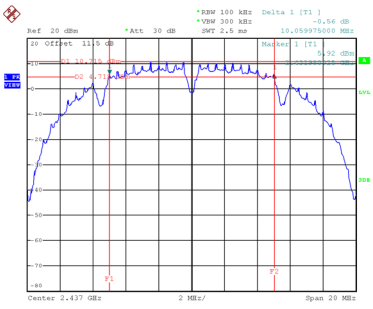
CH01



Date: 5.MAY.2025 10:27:15

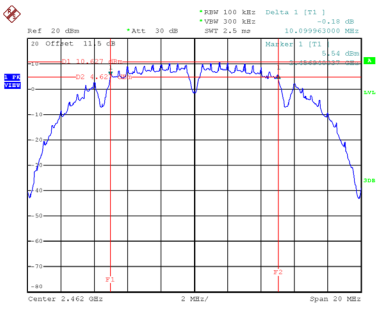
CH06

6 dB Bandwidth

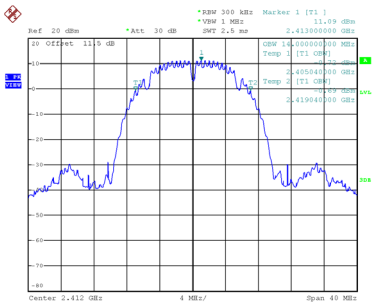


Date: 5.MAY.2025 10:33:17

CH11

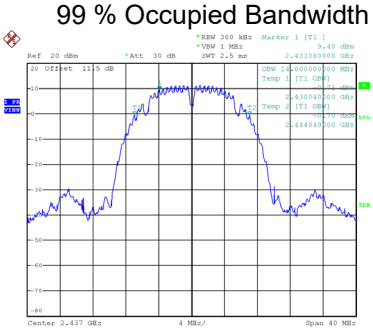


Date: 5.MAY.2025 10:35:59

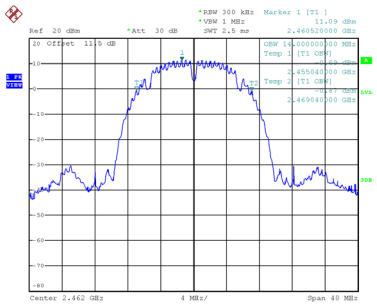


Date: 5.MAY.2025 10:27:24

99 % Occupied Bandwidth



Date: 5.MAY.2025 10:33:26

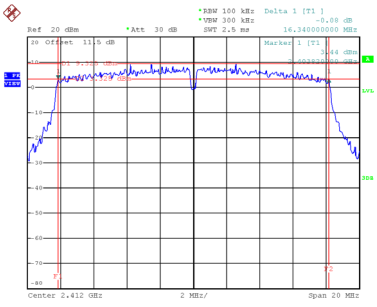


Date: 5.MAY.2025 10:36:08

Test Mode	IEEE 802.11g_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.340	16.240	0.5	Complies
06	2437	16.110	16.320	0.5	Complies
11	2462	15.679	16.320	0.5	Complies

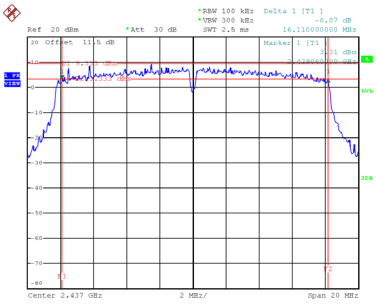
CH01



Date: 5.MAY.2025 10:53:02

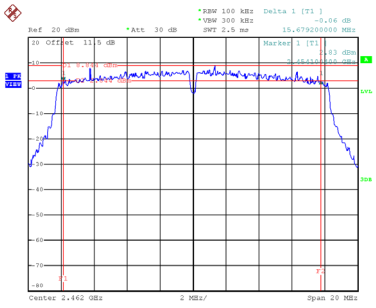
CH06

6 dB Bandwidth

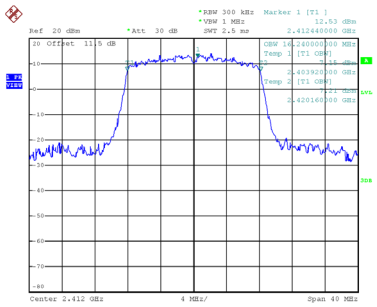


Date: 5.MAY.2025 10:55:46

CH11

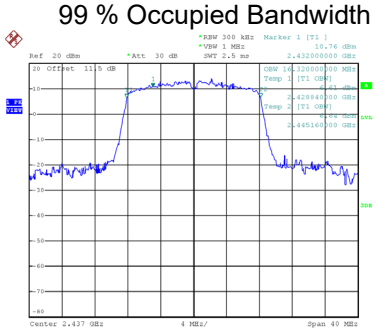


Date: 5.MAY.2025 10:57:56

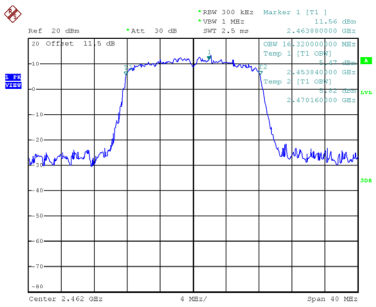


Date: 5.MAY.2025 10:53:11

99 % Occupied Bandwidth



Date: 5.MAY.2025 10:55:54

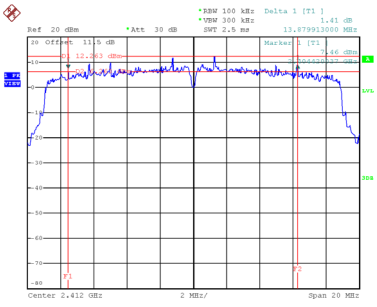


Date: 5.MAY.2025 10:58:05

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	13.880	17.520	0.5	Complies
06	2437	15.279	17.440	0.5	Complies
11	2462	16.110	17.360	0.5	Complies

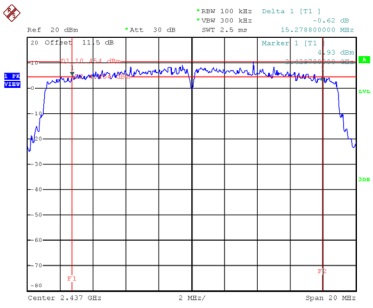
CH01



Date: 5.MAY.2025 19:06:13

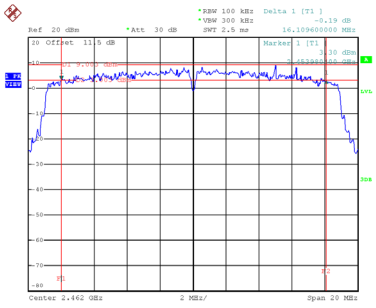
CH06

6 dB Bandwidth

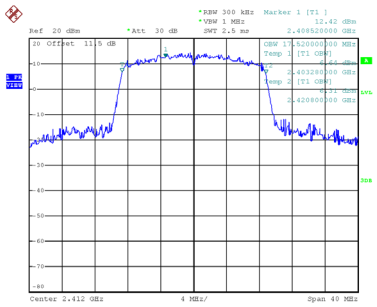


Date: 5.MAY.2025 19:08:48

CH11

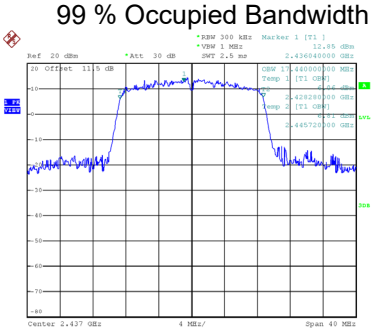


Date: 5.MAY.2025 19:10:41

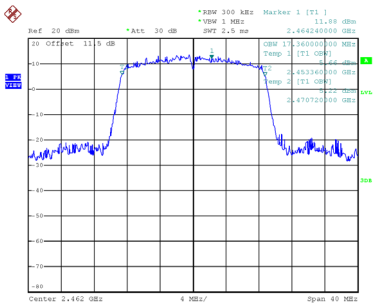


Date: 5.MAY.2025 19:06:22

99 % Occupied Bandwidth



Date: 5.MAY.2025 19:08:57

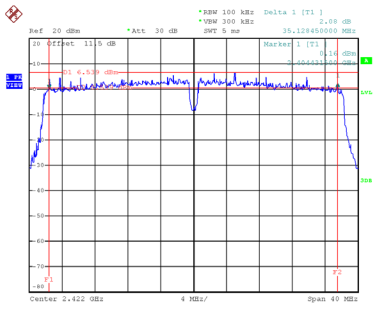


Date: 5.MAY.2025 19:10:50

Test Mode	IEEE 802.11n (HT40)_ Ant 1

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	35.128	36.000	0.5	Complies
06	2437	35.190	36.000	0.5	Complies
09	2452	35.120	36.000	0.5	Complies

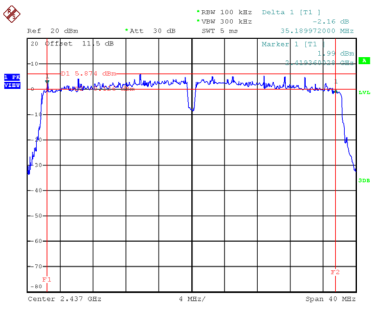
CH03



Date: 5.MAY.2025 19:20:00

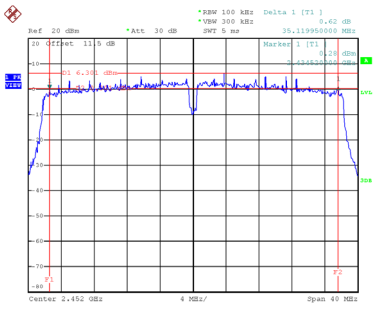
CH06

6 dB Bandwidth

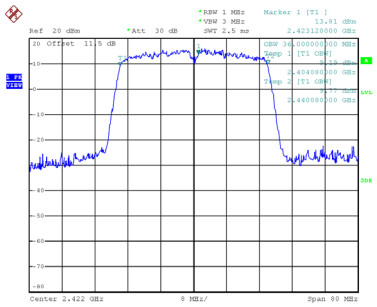


Date: 5.MAY.2025 19:21:37

CH09

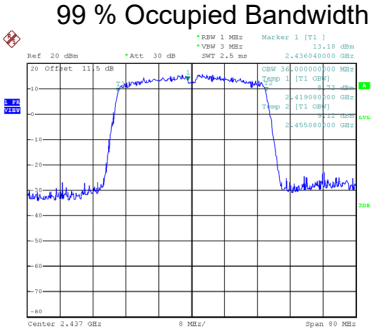


Date: 5.MAY.2025 19:23:17

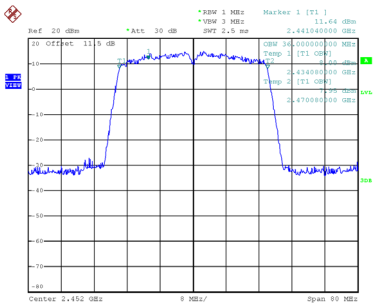


Date: 5.MAY.2025 19:20:09

99 % Occupied Bandwidth



Date: 5.MAY.2025 19:21:46

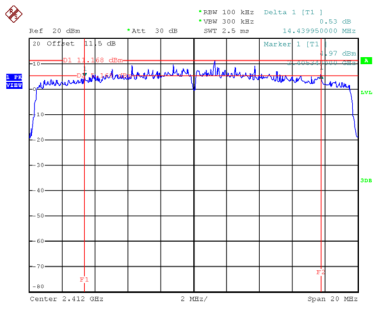


Date: 5.MAY.2025 19:23:26

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	14.440	18.800	0.5	Complies
06	2437	17.100	18.800	0.5	Complies
11	2462	17.120	18.720	0.5	Complies

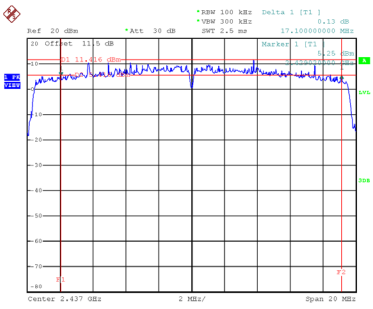
CH01



Date: 6.MAY.2025 00:01:03

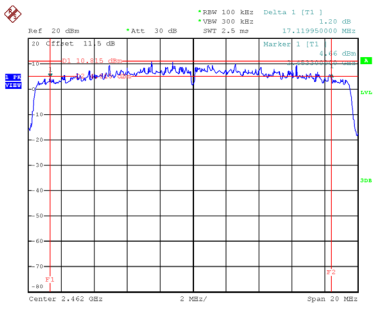
CH06

6 dB Bandwidth

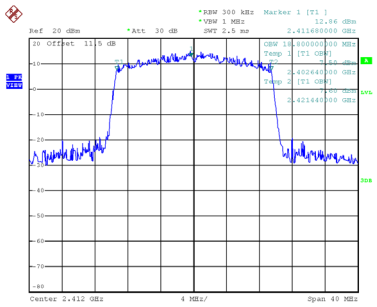


Date: 5.MAY.2025 19:48:24

CH11

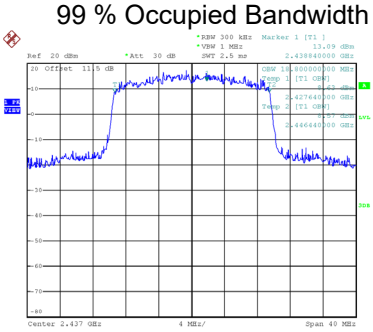


Date: 5.MAY.2025 19:51:02

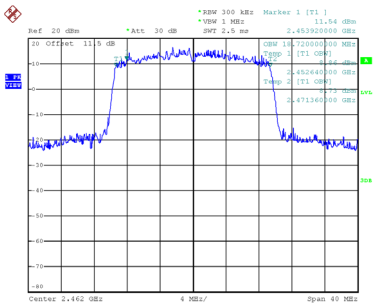


Date: 6.MAY.2025 00:01:12

99 % Occupied Bandwidth



Date: 5.MAY.2025 19:48:33

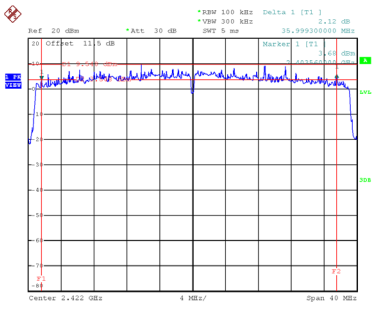


Date: 5.MAY.2025 19:51:11

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	35.999	37.920	0.5	Complies
06	2437	36.950	37.920	0.5	Complies
09	2452	32.880	37.920	0.5	Complies

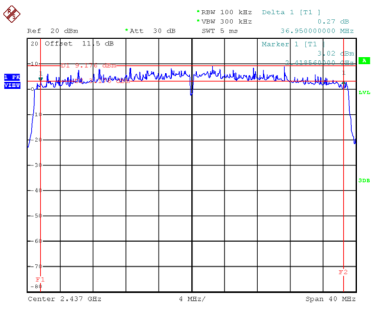
CH03



Date: 5.MAY.2025 19:53:21

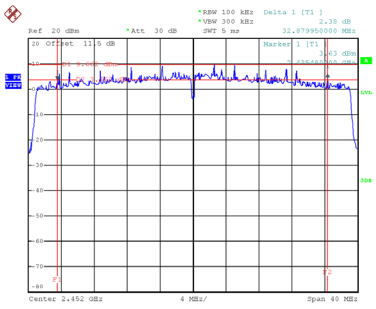
CH06

6 dB Bandwidth



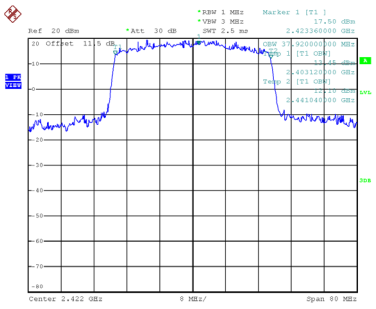
Date: 5.MAY.2025 19:55:17

CH09

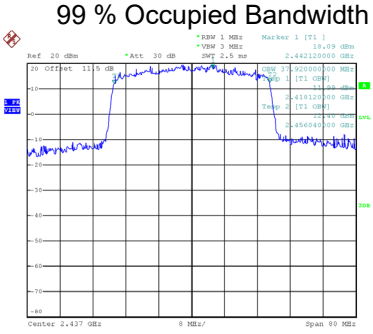


Date: 5.MAY.2025 19:57:27

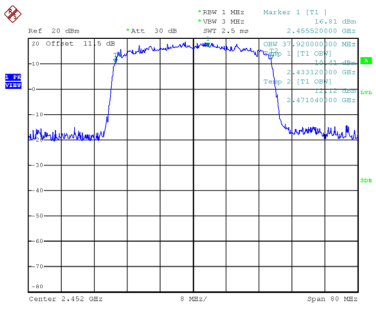
99 % Occupied Bandwidth



Date: 5.MAY.2025 19:53:30



Date: 5.MAY.2025 19:55:26



Date: 5.MAY.2025 19:57:35

APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_ Ant 1	Tested Date	2025/4/26

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.25	0.38	20.63	30.00	1.0000	Complies
06	2437	20.18	0.38	20.56	30.00	1.0000	Complies
11	2462	20.11	0.38	20.49	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_ Ant 1	Tested Date	2025/4/26

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	20.12	0.10	20.22	30.00	1.0000	Complies
06	2437	20.04	0.10	20.14	30.00	1.0000	Complies
11	2462	20.02	0.10	20.12	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_ Ant 1	Tested Date	2025/4/26

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.97	0.09	20.06	30.00	1.0000	Complies
06	2437	19.82	0.09	19.91	30.00	1.0000	Complies
11	2462	19.78	0.09	19.87	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_ Ant 1	Tested Date	2025/4/26

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.94	0.21	20.15	30.00	1.0000	Complies
06	2437	19.76	0.21	19.97	30.00	1.0000	Complies
09	2452	19.71	0.21	19.92	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_ Ant 1	Tested Date	2025/4/26

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.88	0.11	19.99	30.00	1.0000	Complies
06	2437	19.85	0.11	19.96	30.00	1.0000	Complies
11	2462	19.84	0.11	19.95	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE40)_ Ant 1	Tested Date	2025/4/26

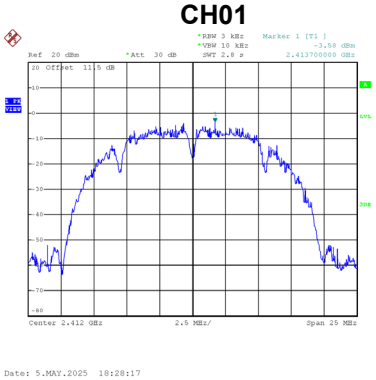
Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.07	0.27	20.34	30.00	1.0000	Complies
06	2437	20.04	0.27	20.31	30.00	1.0000	Complies
09	2452	19.83	0.27	20.10	30.00	1.0000	Complies

APPENDIX F POWER SPECTRAL DENSITY

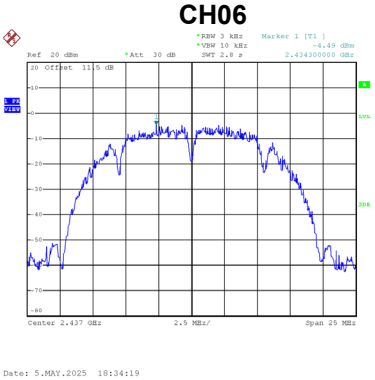
Test Mode	IEEE 802.11b _Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-3.58	8.00	Complies
06	2437	-4.49	8.00	Complies
11	2462	-4.92	8.00	Complies

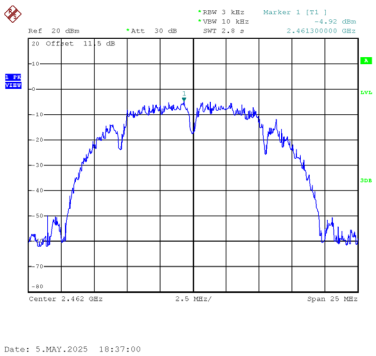
CH01



CH06



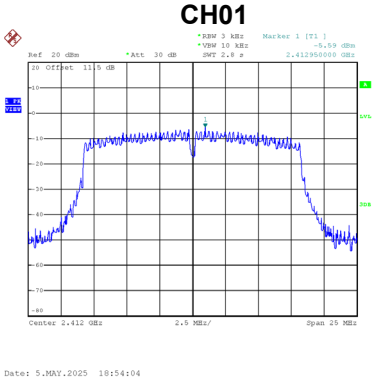
CH11



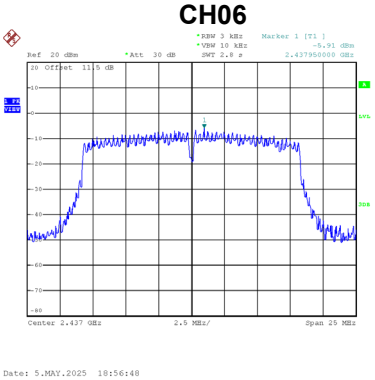
Test Mode	IEEE 802.11g _Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-5.59	8.00	Complies
06	2437	-5.91	8.00	Complies
11	2462	-7.05	8.00	Complies

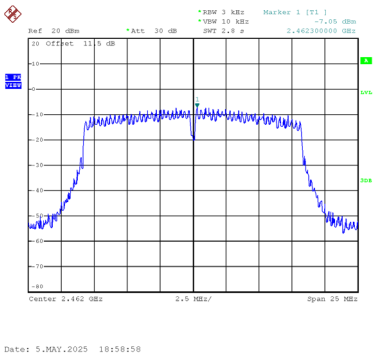
CH01



CH06



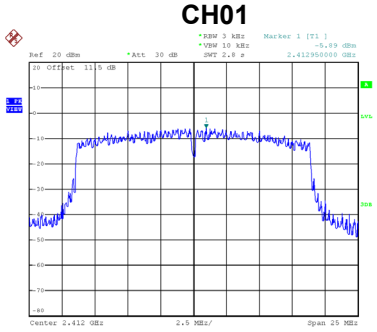
CH11



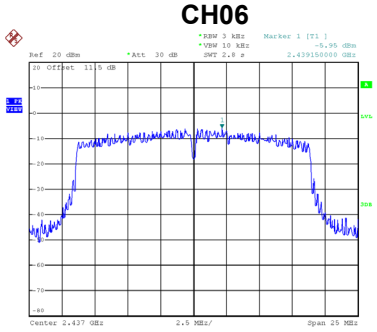
Test Mode	IEEE 802.11n (HT20)_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-5.89	8.00	Complies
06	2437	-5.95	8.00	Complies
11	2462	-6.40	8.00	Complies

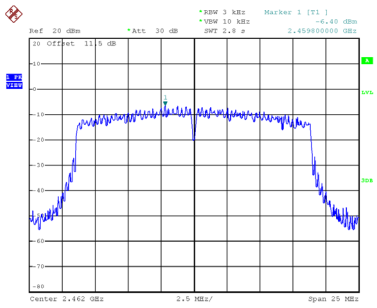
CH01



CH06



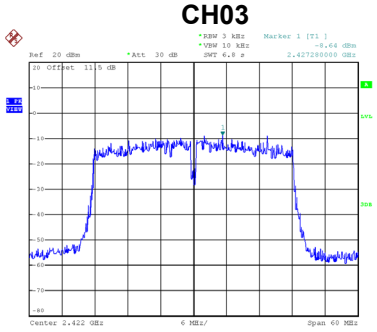
CH11



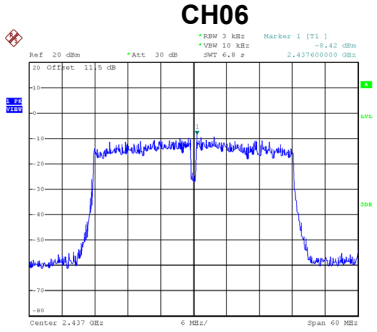
Test Mode	IEEE 802.11n (HT40)_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-8.64	8.00	Complies
06	2437	-8.42	8.00	Complies
09	2452	-10.30	8.00	Complies

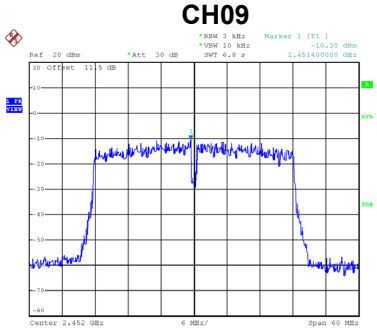
CH03



CH06



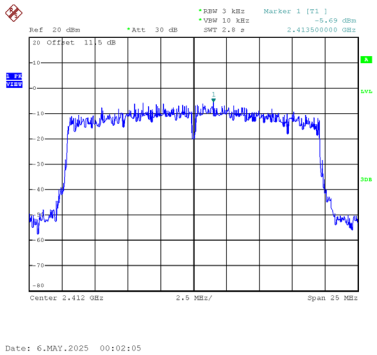
CH09



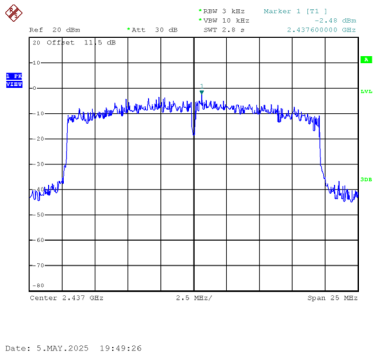
Test Mode	IEEE 802.11ax (HE20)_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-5.69	8.00	Complies
06	2437	-2.48	8.00	Complies
11	2462	-4.43	8.00	Complies

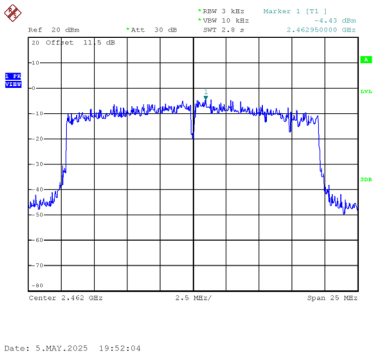
CH01



CH06



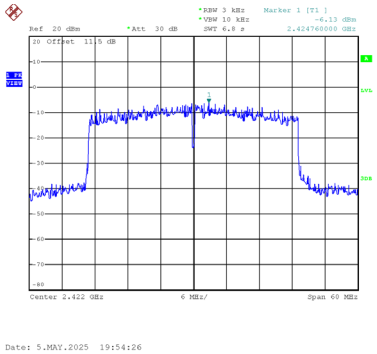
CH11



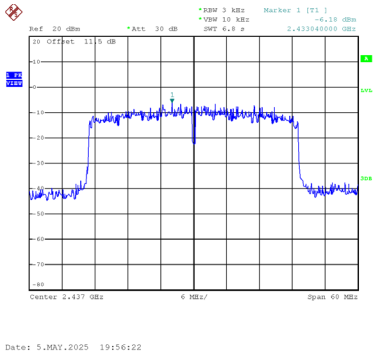
Test Mode	IEEE 802.11ax (HE40)_Ant. 1

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-6.13	8.00	Complies
06	2437	-6.18	8.00	Complies
09	2452	-6.94	8.00	Complies

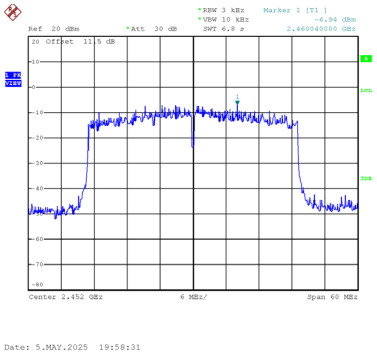
CH03



CH06



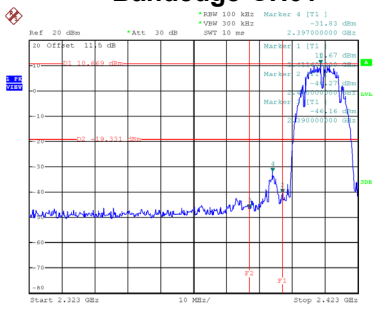
CH09



APPENDIX G ANTENNA CONDUCTED SPURIOUS EMISSIONS

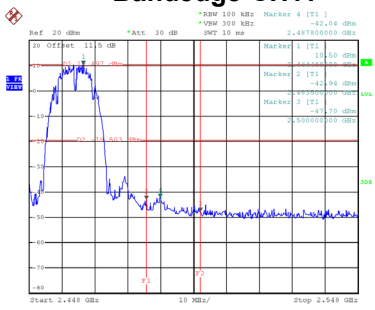
Test Mode	IEEE 802.11b_Ant. 1

Bandedge-CH01



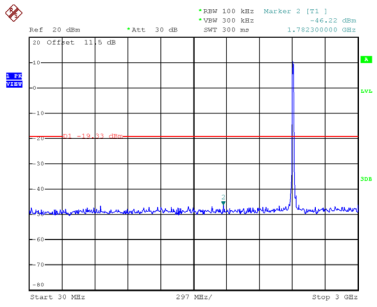
Date: 5.MAY.2025 10:27:33

Bandedge-CH11

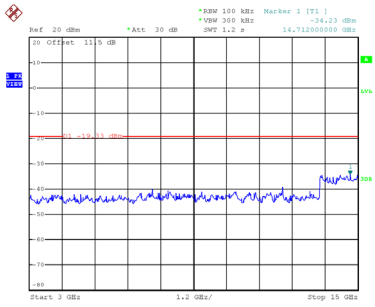


Date: 5.MAY.2025 10:36:17

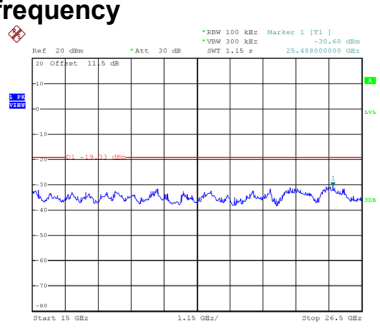
CH01 – 10th Harmonic of the fundamental frequency



Date: 5.MAY.2025 10:27:48

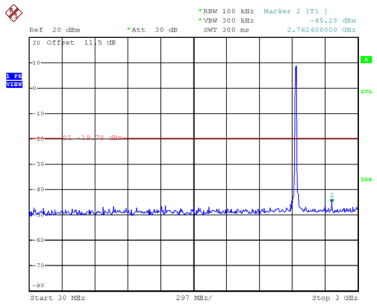


Date: 5.MAY.2025 10:27:57

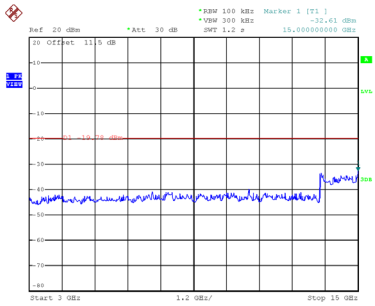


Date: 5.MAY.2025 10:28:07

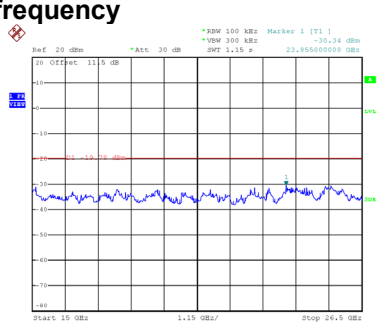
CH06 – 10th Harmonic of the fundamental frequency



Date: 5.MAY.2025 10:33:50

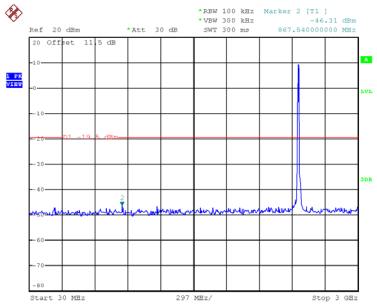


Date: 5.MAY.2025 10:33:59

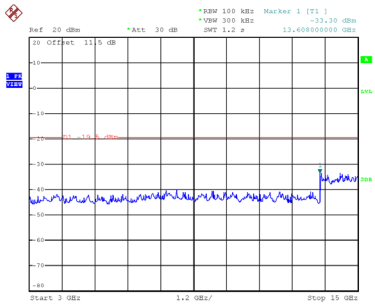


Date: 5.MAY.2025 10:34:09

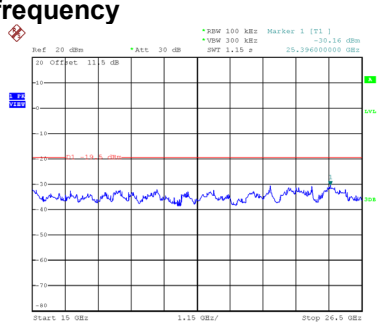
CH11 – 10th Harmonic of the fundamental frequency



Date: 5.MAY.2025 10:36:32



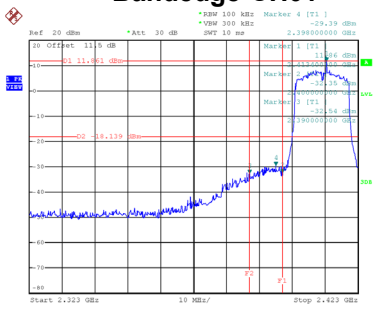
Date: 5.MAY.2025 10:36:41



Date: 5.MAY.2025 10:36:50

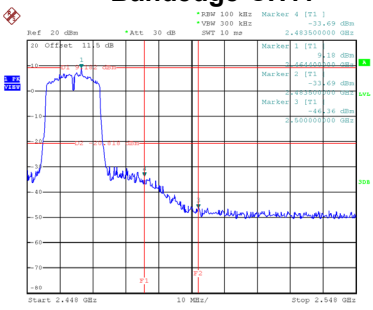
Test Mode	IEEE 802.11g_Ant. 1

Bandedge-CH01



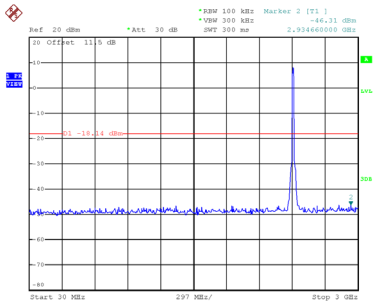
Date: 5.MAY.2025 10:53:20

Bandedge-CH11

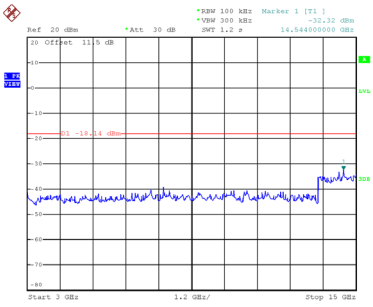


Date: 5.MAY.2025 10:58:14

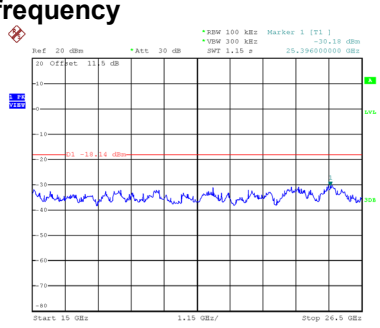
CH01 – 10th Harmonic of the fundamental frequency



Date: 5.MAY.2025 10:53:35

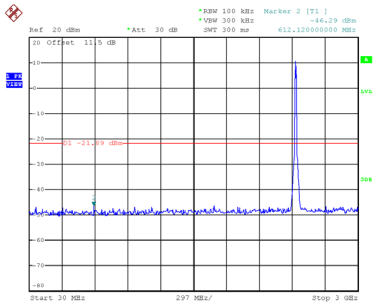


Date: 5.MAY.2025 10:53:45

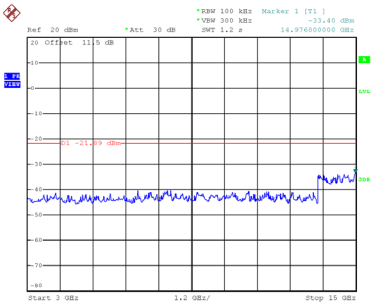


Date: 5.MAY.2025 10:53:54

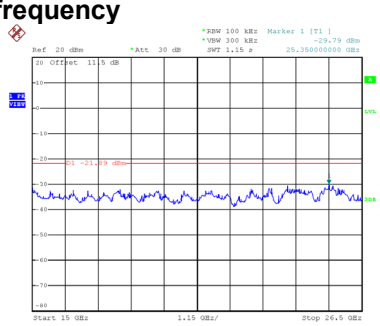
CH06 – 10th Harmonic of the fundamental frequency



Date: 5.MAY.2025 10:56:19

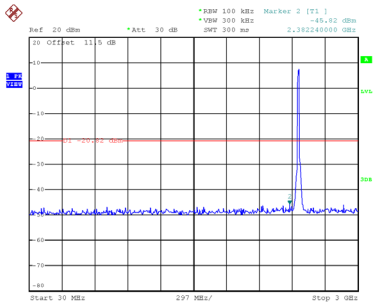


Date: 5.MAY.2025 10:56:28

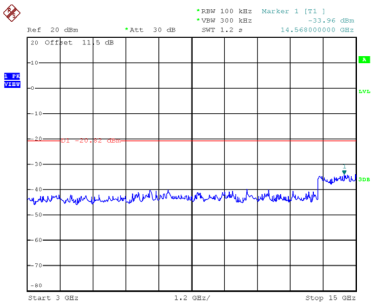


Date: 5.MAY.2025 10:56:37

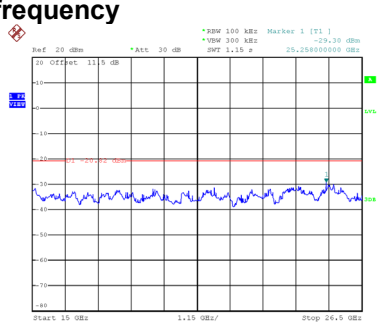
CH11 – 10th Harmonic of the fundamental frequency



Date: 5.MAY.2025 10:58:29



Date: 5.MAY.2025 10:58:38



Date: 5.MAY.2025 10:58:47