

FCC Radio Test Report

FCC ID: 2AU6R04359

Report No. : BTL-FCCP-1-2508C743
Equipment : 802.11be (WiFi 7) Triple-Radio PoE Access Point
Model Name : NWA240BE
Brand Name : ZYXEL
Applicant : Zyxel Networks Corporation
Address : No.2 Industry East RD.IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C
Manufacturer : Zyxel Networks Corporation
Address : No.2 Industry East RD.IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C

Radio Function : WLAN 2.4 GHz

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s) : ANSI C63.10-2020

Date of Receipt : 2025/9/25
Date of Test : 2025/10/22 ~ 2026/3/31
Issued Date : 2026/4/16

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

Prepared by

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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.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2508C743	R00	Original Report.	2026/4/16	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.205 15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C	PASS	-----
15.247(a)	Bandwidth	APPENDIX D	PASS	-----
15.247(b)	Output Power	APPENDIX E	PASS	-----
15.247(e)	Power Spectral Density	APPENDIX F	PASS	-----
15.247(d)	Antenna conducted Spurious Emission	APPENDIX G	PASS	-----
15.203	Antenna Requirement	-----	PASS	Note(2)

Statement of Conformity

The statement of conformity is based on the binary decision rule according to IEC Guide 115 and ILAC G8 "simple acceptance" principle. Without considering measurement uncertainty, its specific risk is less than 50% PFA. (PFA: Probability of False Accept)

NOTE:

- (1) "N/A" denotes test is not applicable in this test report.
- (2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
- (3) The report format version is TP.1.1.1.

1.1 TEST FACILITY

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

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

No.64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

(FCC RN: 674415) (FCC DN: TW0659)

☒ CB20 ☒ C01

No. 68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

(FCC RN: 674415) (FCC DN: TW0659)

☒ SR06

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately **95 %**.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C01	CISPR	150 kHz ~ 30MHz	3.44

B. Radiated emissions test :

Test Site	Measurement Frequency Range (GHz)	U (dB)
CB20	0.03~0.2	4.01
	0.02~1	4.64
	1 ~ 6	5.91
	6 ~ 18	6.24
	18 ~ 26	3.93
	26 ~ 40	4.06

C. Conducted test :

Test Item	U
Occupied Bandwidth	0.86 %
Output power	0.40 dB
Power Spectral Density	0.86 dB
Conducted Spurious emissions	1.83 dB
Conducted Band edges	1.83 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.

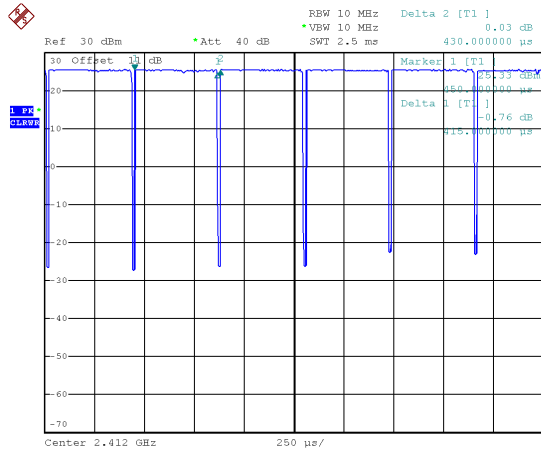
1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	Refer to data	AC 120V	Benny Cao
Radiated emissions below 1 GHz	Refer to data	DC 15V	Ken Lu
Radiated emissions above 1 GHz	Refer to data	DC 15V	Ken Lu
Bandwidth	22 °C, 58 %	DC 15V	Cheng Tsai
Output Power	22 °C, 57 %	DC 15V	Cheng Tsai
Power Spectral Density	22 °C, 58 %	DC 15V	Cheng Tsai
Antenna conducted Spurious Emission	22 °C, 58 %	DC 15V	Cheng Tsai

1.4 DUTY CYCLE

If duty cycle is $\geq 98\%$, duty factor is not required.
If duty cycle is $< 98\%$, duty factor shall be considered.

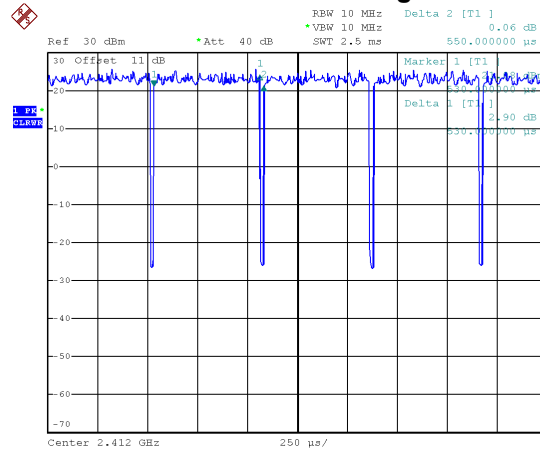
IEEE 802.11b



Date: 22.OCT.2025 21:03:09

Duty cycle = 0.415 ms / 0.430 ms = 96.51%
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.15$

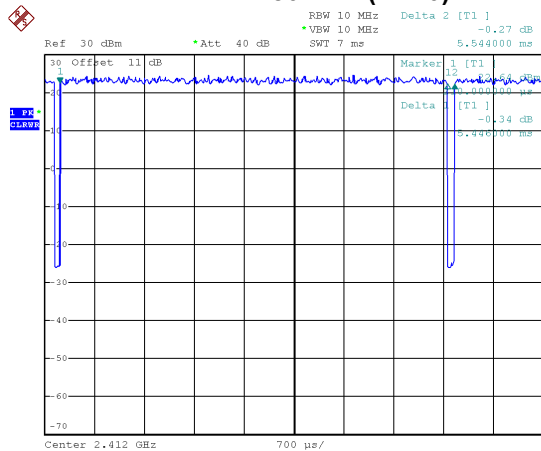
IEEE 802.11g



Date: 22.OCT.2025 21:03:45

Duty cycle = 0.530 ms / 0.550 ms = 96.36%
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.16$

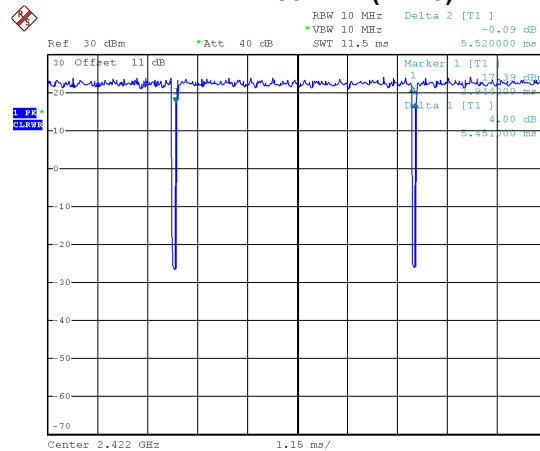
IEEE 802.11n(HT20)



Date: 22.OCT.2025 21:09:06

Duty cycle = 5.446 ms / 5.544 ms = 99.96%
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00$

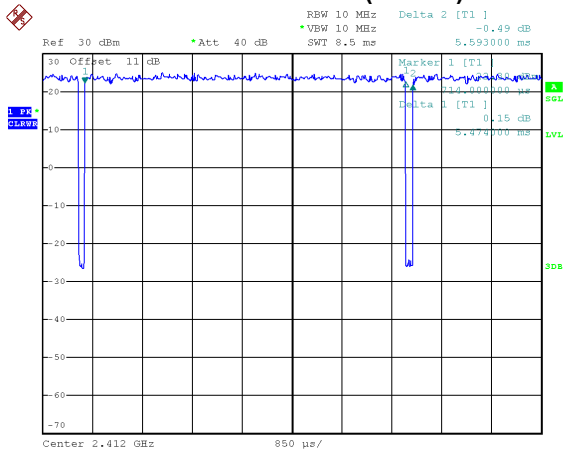
IEEE 802.11n(HT40)



Date: 22.OCT.2025 21:09:37

Duty cycle = 5.451 ms / 5.520 ms = 98.75%
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00$

IEEE 802.11be(EHT20)



Date: 22.OCT.2025 21:06:23

Duty cycle = 5.474 ms / 5.593 ms = 97.87%
 Duty Factor = 10 log(1/Duty cycle) = 0.09

NOTE:

For IEEE 802.11b:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2410 Hz.

For IEEE 802.11g:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1887 Hz.

For IEEE 802.11n(HT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz.

For IEEE 802.11n(HT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz.

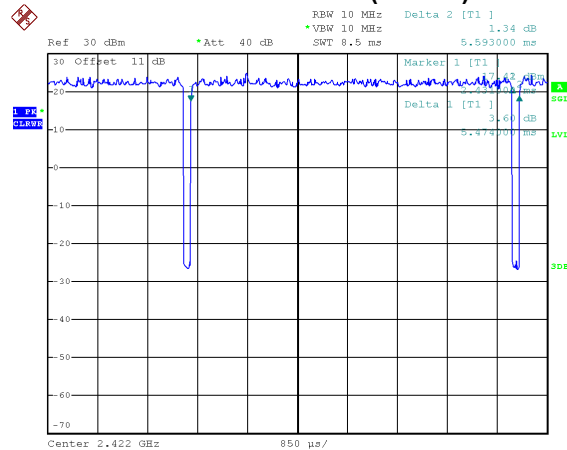
For IEEE 802.11ax(HE20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz.

For IEEE 802.11ax(HE40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 183 Hz.

IEEE 802.11be(EHT40)



Date: 22.OCT.2025 21:07:32

Duty cycle = 5.474 ms / 5.593 ms = 97.87%
 Duty Factor = 10 log(1/Duty cycle) = 0.09

1.5 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

Test Software Version	QSPR_TestTree_toBTL_2025_1223_1847		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	23.5	23.5	23.5
IEEE 802.11g	23	23.5	23
IEEE 802.11n(HT20)	22.5	24	22.5
IEEE 802.11be(EHT20)	20	23.5	19
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	20.5	23	18.5
IEEE 802.11be(EHT40)	19.5	23	18

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	802.11be (WiFi 7) Triple-Radio PoE Access Point
Model Name	NWA240BE
Brand Name	ZYXEL
Model Difference(s)	N/A
Hardware Version	V1.0
Software Version	QSPR_TestTree_toBTL_2025_1223_1847
Power Source	Supplied from AC adapter or PoE Adapter (Support Unit).
Power Rating	15V==2A
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g/n: OFDM IEEE 802.11ax/be: OFDMA
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 573.6 Mbps IEEE 802.11be: up to 688 Mbps
Maximum Output Power	IEEE 802.11g: 25.98 dBm (0.3963 W)
Test Model	NWA240BE
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

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

(2) Channel List:

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

(3) Table for Filed Antenna:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	ARISTOTLE ENTERPRISES INC.	RFA-13226-R3	Internal	IPEX	2.74
2	ARISTOTLE ENTERPRISES INC.	RFA-13226-R3	Internal	IPEX	2.64

Remark:

- The EUT supports CDD. Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=2.74.
For power spectral density measurements, $N_{ANT}=2$, $N_{SS}=2$.
So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 2.74 + 10\log(2/2)\text{dBi} = 2.74$.
- Beamforming Gain: 3dB.
- The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

(5) Operating Mode and Antenna Configuration
For Non Beamforming:

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

For Beamforming:

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

2.2 TEST MODES

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

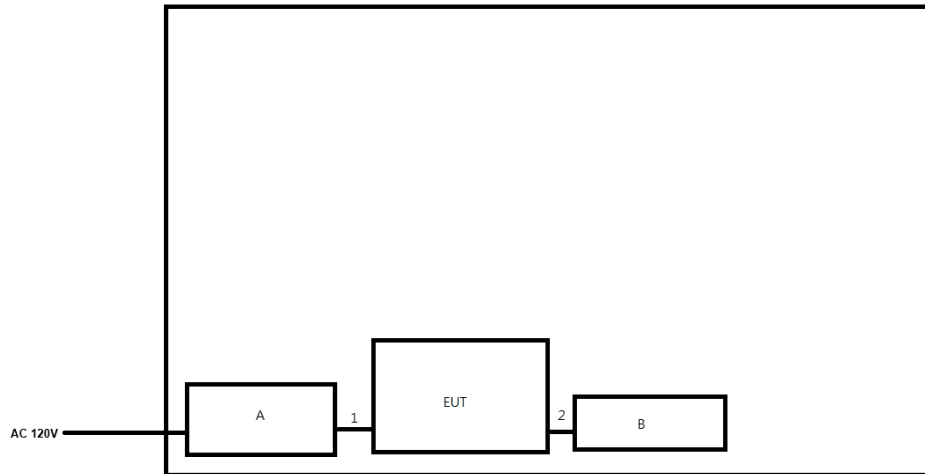
NOTE:

- (1) For radiated spurious emissions below 1 GHz and receiver spurious emissions above 1 GHz test, the IEEE 802.11g channel 06 are found to be the worst case and recorded.
- (2) For radiated emission 1GHz to 18GHz and above 18GHz test, both Vertical and Horizontal are evaluated, only the worst polarization is recorded.
- (3) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded
- (4) For radiated emission above 18GHz test, only tested and recorded the worst case.
- (5) EHT20/EHT40 covers HE20/HE40, due to same modulation (in full RU). The power setting for 802.11ax HE20/HE40 are the same or lower than 802.11be EHT20/EHT40.
- (6) For Beamforming operation, the manufacturer automatically reduces power based on a factor calculated as the difference between the beamforming directional gain and the CDD directional power gain. Thus, only the CDD mode was evaluated in this report.
- (7) IEEE 802.11ax mode and IEEE 802.11be mode only support full RU, so only the full RU is evaluated and measured inside report.
- (8) For radiated emission below 1GHz test, both AC adapter supplied and PoE Adapter supplied are evaluated, in this report only recorded the worst case.

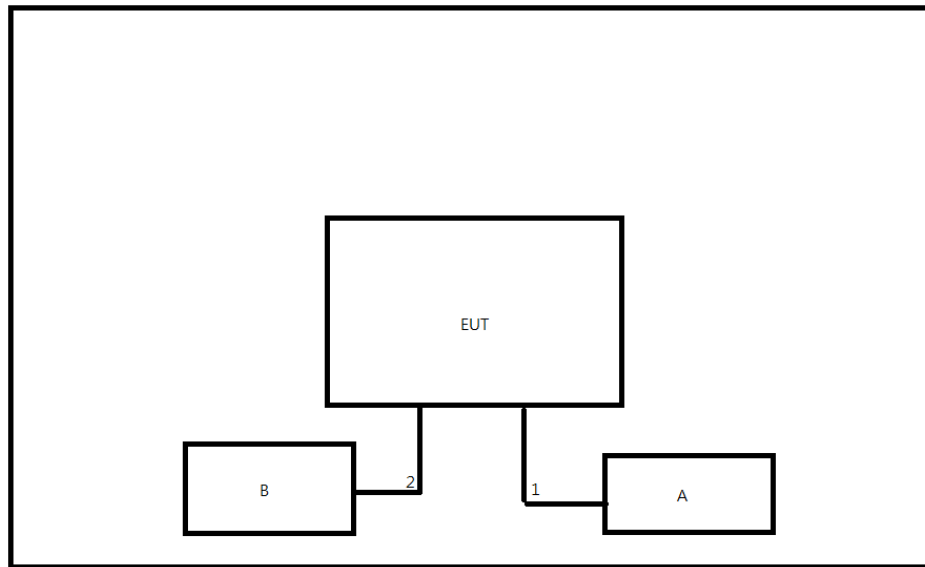
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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	DEEVAN	DSA-45PDH	N/A	Supplied by test requester
B	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.

Item	Cable Type	Shielded	Ferrite Core	Length	Remarks
1	Type-C Cable	NO	NO	1m	Supplied by test requester
2	RJ45 Cable	NO	NO	3m	Supplied by test requester

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

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

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

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

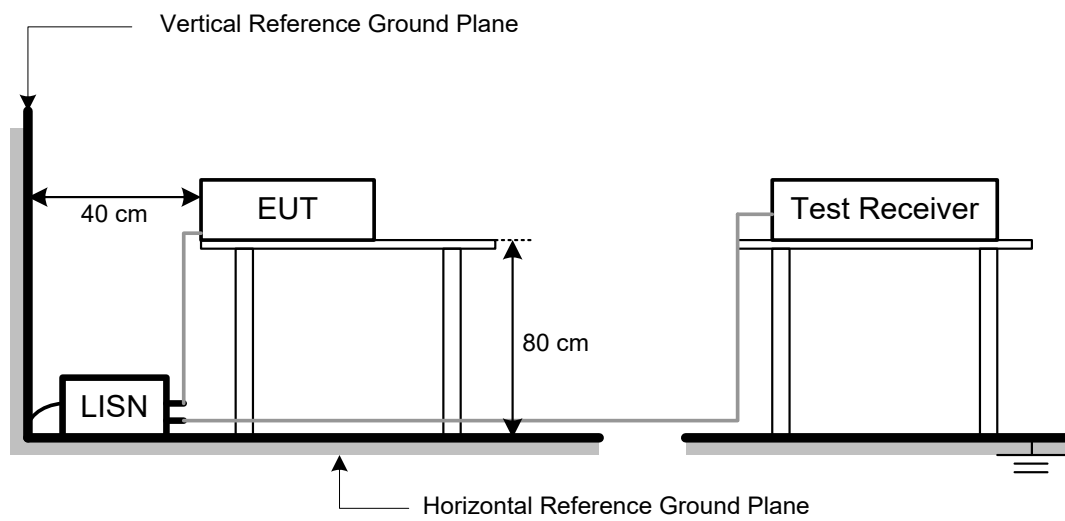
NOTE:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

NOTE:

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

Measurement Value = Reading Level + Correct Factor

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

Margin Level = Measurement Value – Limit Value

Calculation example:

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

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

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

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

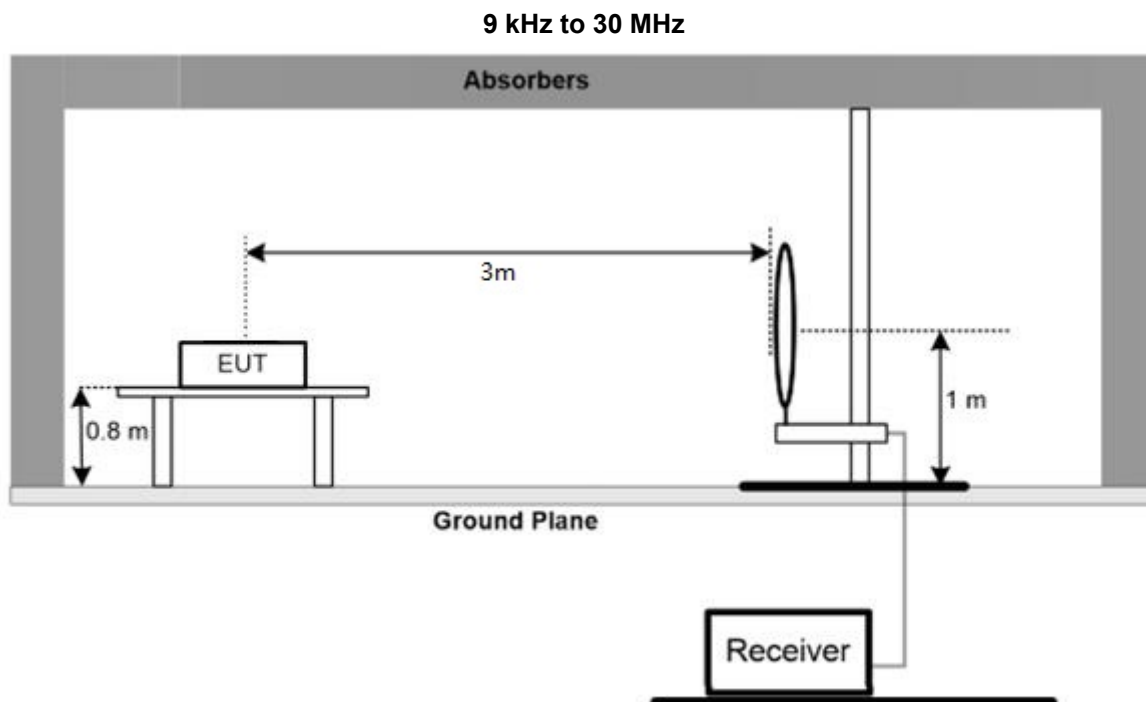
4.2 TEST PROCEDURE

- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

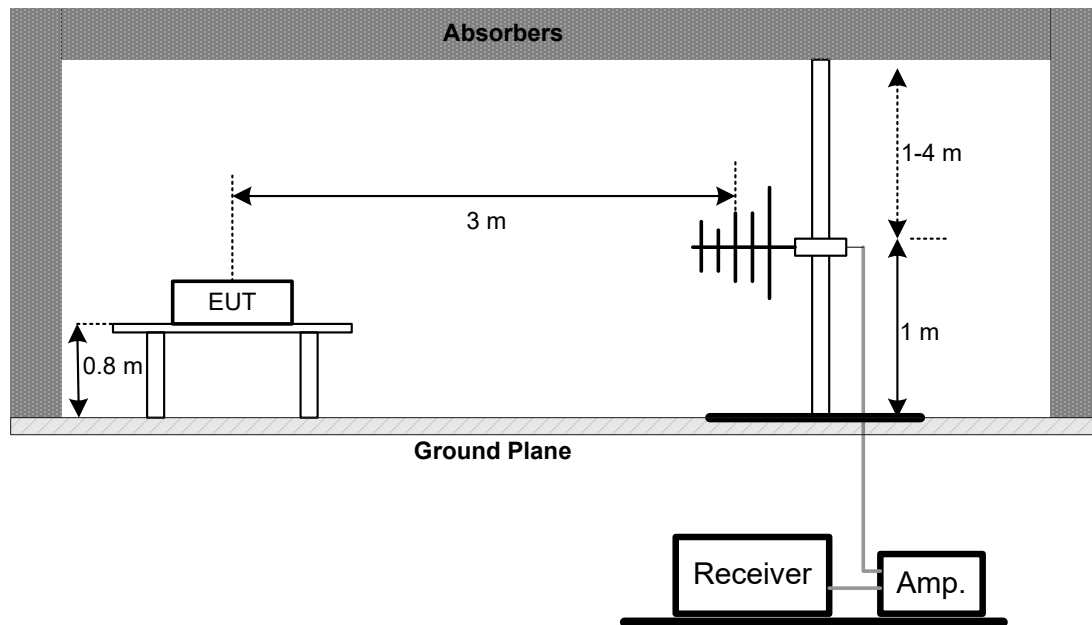
4.3 DEVIATION FROM TEST STANDARD

No deviation.

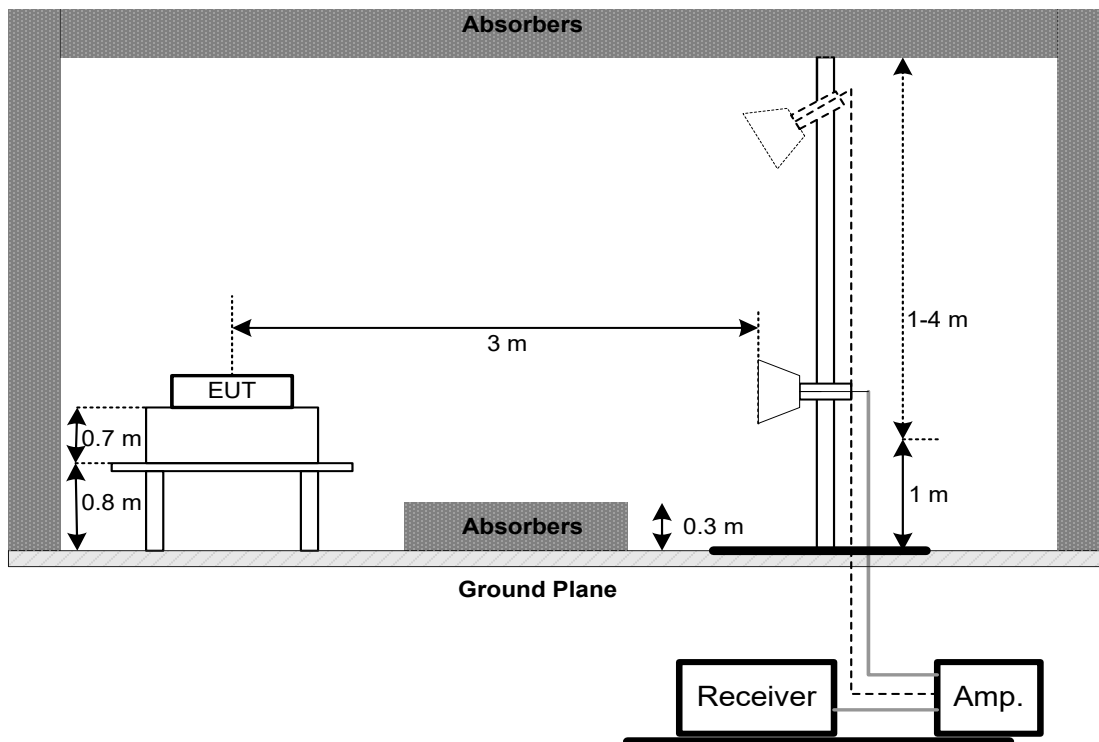
4.4 TEST SETUP



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

NOTE:

- (1) Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

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	Minimum 500 kHz

5.2 TEST PROCEDURE

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

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

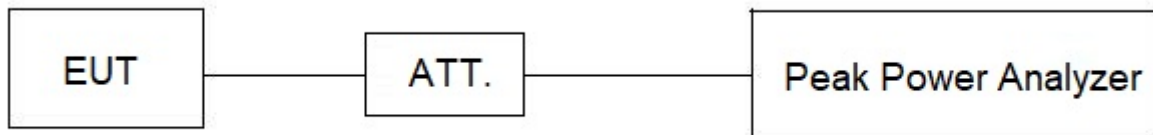
6.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The maximum conducted output power was performed in accordance with method 11.9.1.2 of ANSI C63.10-2020.

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
FCC 15.247(e)	Power Spectral Density	8 dBm (in any 3 kHz)

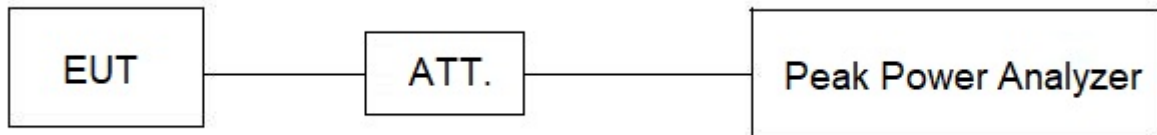
7.2 TEST PROCEDURE

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

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator 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 the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required.

8.2 TEST PROCEDURE

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

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX 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	EMC Receiver	keysight	N9038A	MY54130009	2025/06/25	2026/06/24
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2024/12/10	2025/12/9
3	Two-Line V-Network	R&S	ENV216	101051	2025/07/02	2026/07/01
4	Measurement Software	Farad	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Pre-Amplifier	EMCI	EMC184045SE	980512	2024/12/10	2025/12/9
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2025/06/25	2026/06/24
3	Test Cable	EMCI	EMC102-KM-KM- 1000	220328	2024/12/10	2025/12/9
4	Test Cable	EMCI	EMC102-KM-KM- 3000	220330	2024/12/10	2025/12/9
3	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2025/01/14	2026/01/13
4	Pre-Amplifier	EMCI	EMC118A45SE	981030	2025/03/05	2026/03/04
5	Test Cable	EMCI	EMC102-KM-KM- 1000	210119	2024/12/10	2025/12/9
6	Test Cable	EMCI	EMC102-KM-KM- 3000	210118	2024/12/10	2025/12/9
9	Test Cable	EMCI	EMC105-SM-SM- 7000	241237	2024/12/10	2025/12/9
10	EXA Spectrum Analyzer	keysight	N9020B	MY59050137	2024/11/26	2025/11/25
11	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1207	2024/12/4	2025/12/3
12	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1207	2024/12/4	2025/12/3
13	Pre-Amplifier	EMCI	EMC001330	980807	2024/12/9	2025/12/8
14	Test Cable	EMCI	EMC-8D-NM-NM -5000	150106	2024/12/9	2025/12/8
15	Test Cable	EMCI	EMC-CFD-400-N M-NM-8000	200343	2024/12/9	2025/12/8
16	Test Cable	EMCI	EMC-CFD-400-N M-NM-3300	200348	2024/12/9	2025/12/8
17	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	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	2025/10/20	2026/10/19
2	BTL-Conducted Test	BTL	1247788684	N/A	N/A	N/A
3	Measurement Software	Anritsu	MA2440A Peak Power analyzer(Ver1.1.0.0)	N/A	N/A	N/A

Bandwidth & Power Spectral Density & 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	2025/7/1	2026/6/30
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	BTL-Conducted Test	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

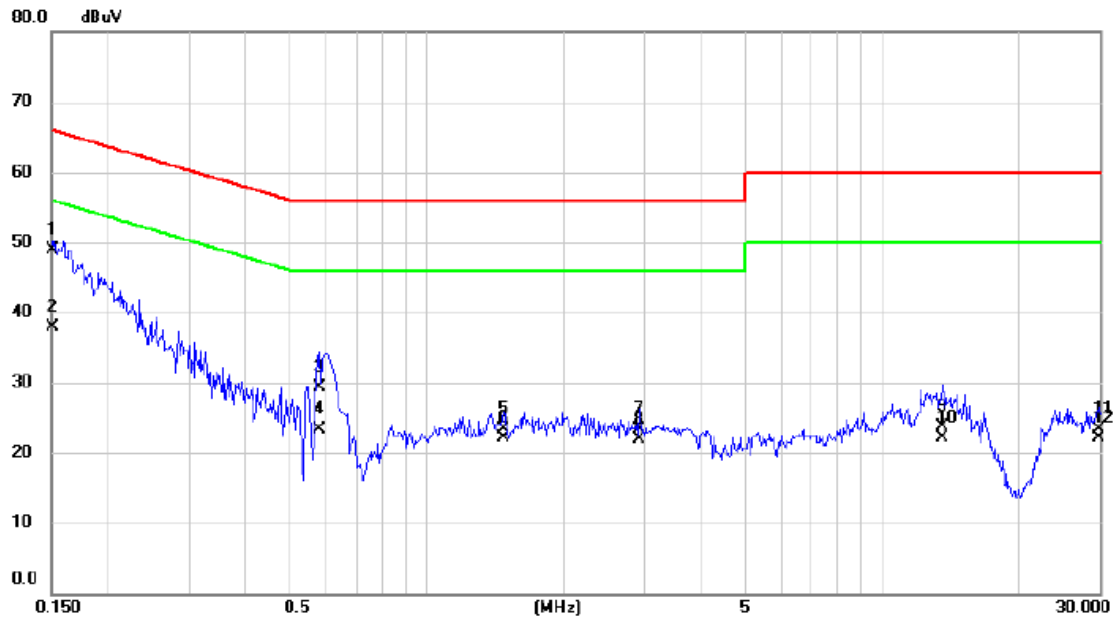
Please refer to document Appendix No.: TP-2508C743-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2508C743-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2025/11/13
Test Frequency	-	Phase	Line
Temp	25°C	Hum.	45%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	39.36	9.50	48.86	66.00	-17.14	QP	
2		0.1500	28.33	9.50	37.83	56.00	-18.17	AVG	
3		0.5810	19.74	9.53	29.27	56.00	-26.73	QP	
4		0.5810	13.85	9.53	23.38	46.00	-22.62	AVG	
5		1.4765	13.69	9.58	23.27	56.00	-32.73	QP	
6		1.4765	12.43	9.58	22.01	46.00	-23.99	AVG	
7		2.9300	13.67	9.66	23.33	56.00	-32.67	QP	
8		2.9300	12.32	9.66	21.98	46.00	-24.02	AVG	
9		13.5500	13.85	9.94	23.79	60.00	-36.21	QP	
10		13.5500	12.21	9.94	22.15	50.00	-27.85	AVG	
11		29.8000	13.21	10.12	23.33	60.00	-36.67	QP	
12		29.8000	12.02	10.12	22.14	50.00	-27.86	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2025/11/13
Test Frequency	-	Phase	Neutral
Temp	25°C	Hum.	45%



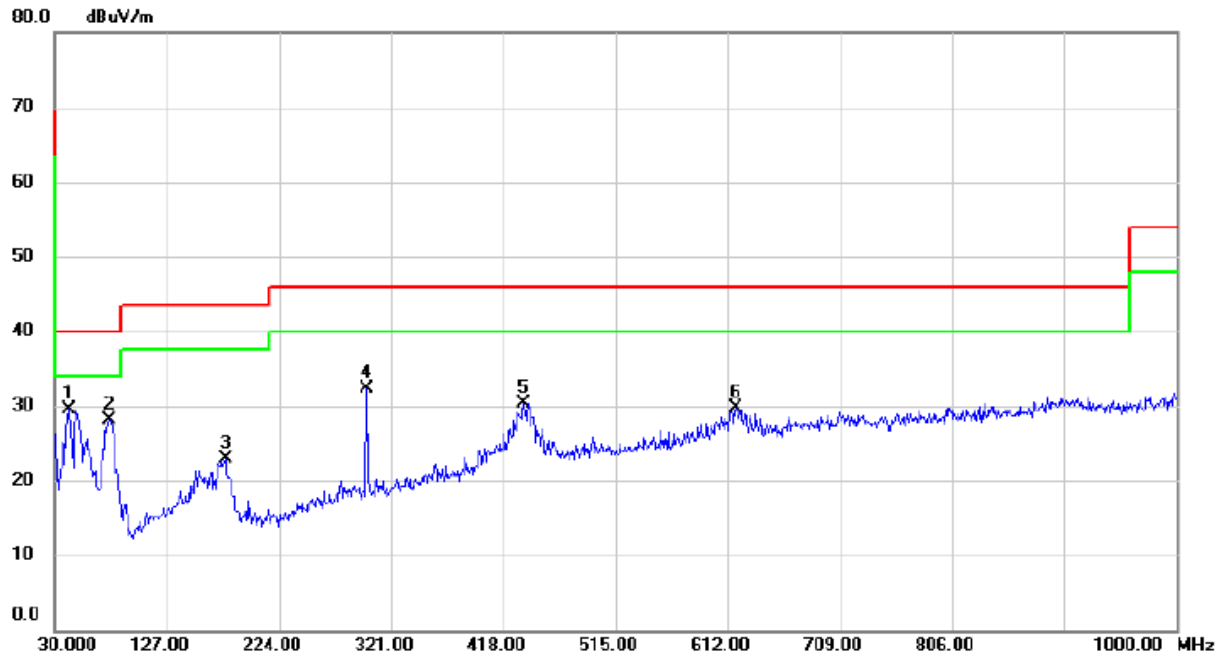
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV	dBuV	dB		
1	*	0.1503	38.00	9.55	47.55	65.98	-18.43	QP	
2		0.1503	27.60	9.55	37.15	55.98	-18.83	AVG	
3		0.6080	19.07	9.57	28.64	56.00	-27.36	QP	
4		0.6080	13.77	9.57	23.34	46.00	-22.66	AVG	
5		1.2605	14.65	9.58	24.23	56.00	-31.77	QP	
6		1.2605	12.75	9.58	22.33	46.00	-23.67	AVG	
7		6.4000	13.16	9.79	22.95	60.00	-37.05	QP	
8		6.4000	12.14	9.79	21.93	50.00	-28.07	AVG	
9		13.8000	13.43	10.02	23.45	60.00	-36.55	QP	
10		13.8000	12.25	10.02	22.27	50.00	-27.73	AVG	
11		29.5000	13.38	10.29	23.67	60.00	-36.33	QP	
12		29.5000	12.40	10.29	22.69	50.00	-27.31	AVG	

REMARKS:

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11g	Test Date	2025/11/14
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



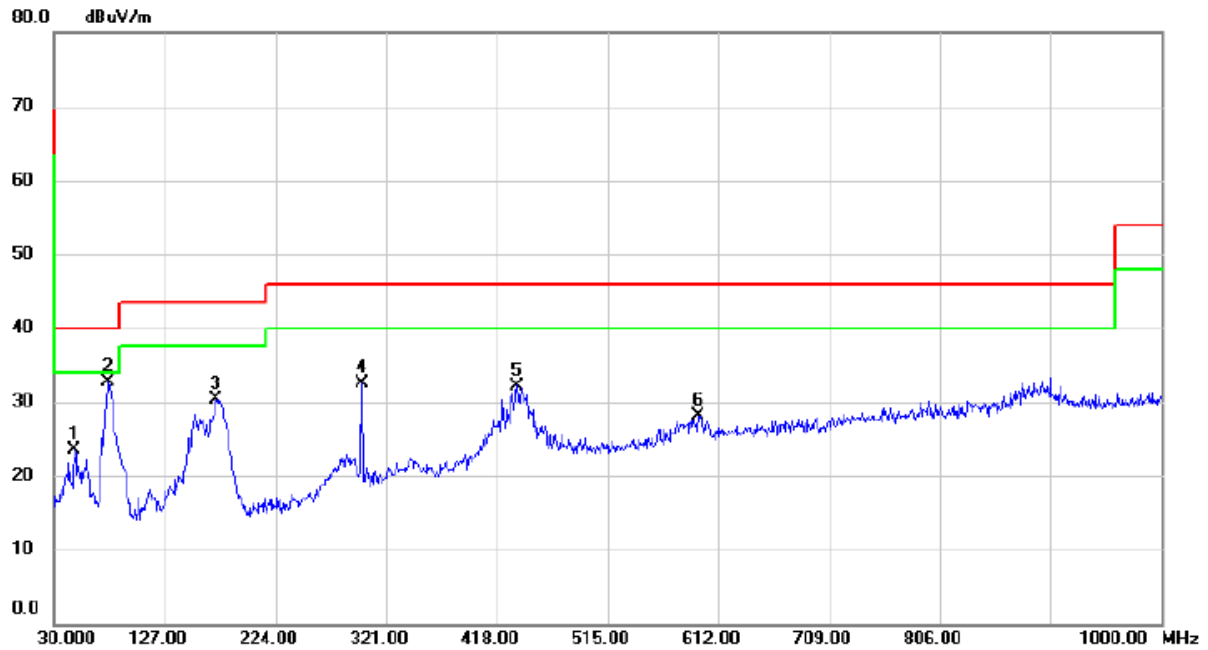
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	42.6100	41.24	-11.64	29.60	40.00	-10.40	peak	
2		77.5300	43.55	-15.41	28.14	40.00	-11.86	peak	
3		177.4400	35.61	-12.63	22.98	43.50	-20.52	peak	
4		299.6600	42.28	-10.00	32.28	46.00	-13.72	peak	
5		435.4600	36.37	-6.05	30.32	46.00	-15.68	peak	
6		618.7900	31.54	-1.85	29.69	46.00	-16.31	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11g	Test Date	2025/11/14
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



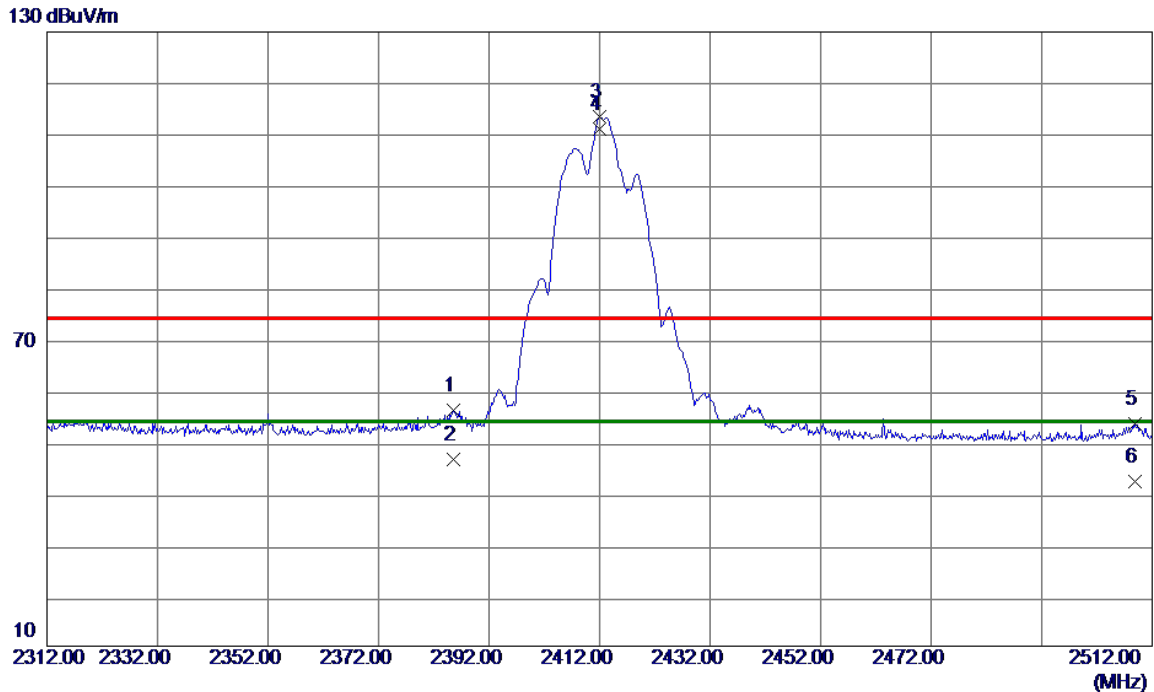
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		47.4600	34.89	-11.41	23.48	40.00	-16.52	peak	
2	*	77.5300	48.06	-15.41	32.65	40.00	-7.35	peak	
3		171.6200	42.27	-11.93	30.34	43.50	-13.16	peak	
4		299.6600	42.49	-10.00	32.49	46.00	-13.51	peak	
5		435.4600	38.25	-6.05	32.20	46.00	-13.80	peak	
6		594.5400	30.64	-2.46	28.18	46.00	-17.82	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	2025/11/5
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

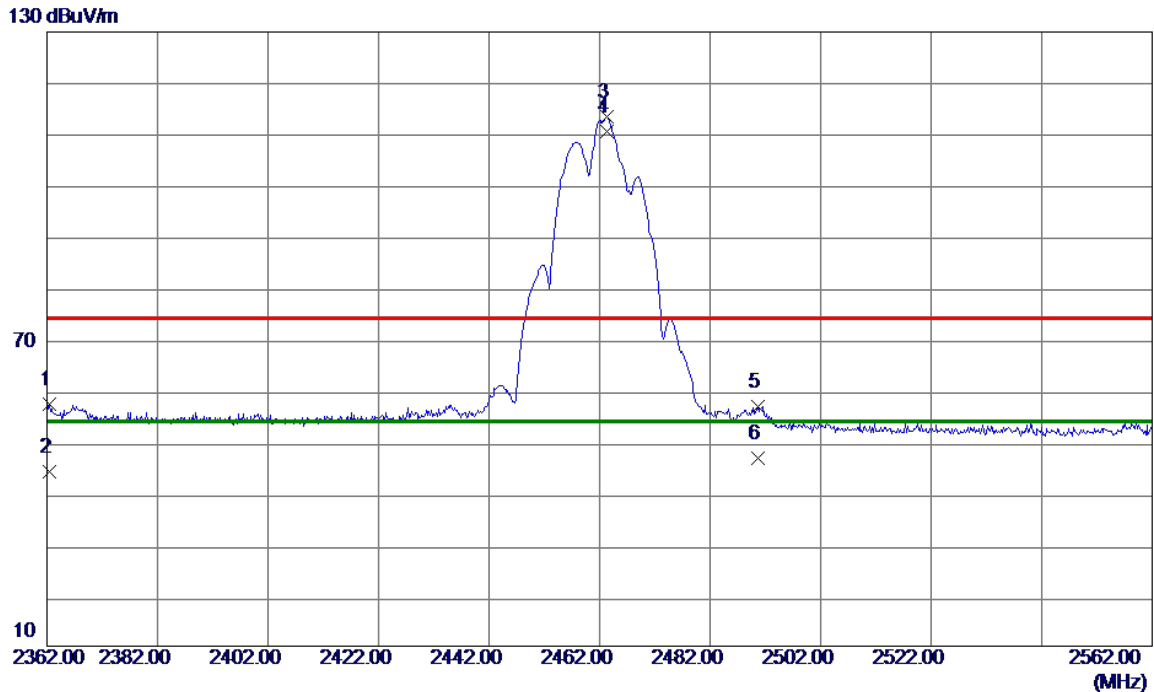


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2385.6000	50.79	5.23	56.02	74.00	-17.98	Peak	
2	2385.6000	41.34	5.23	46.57	54.00	-7.43	AVG	
3	2412.0000	108.07	5.28	113.35	74.00	39.35	Peak	No Limit
4 *	2412.0000	105.67	5.28	110.95	54.00	56.95	AVG	No Limit
5	2508.8000	47.85	5.48	53.33	74.00	-20.67	Peak	
6	2508.8000	36.79	5.48	42.27	54.00	-11.73	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/11/5
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

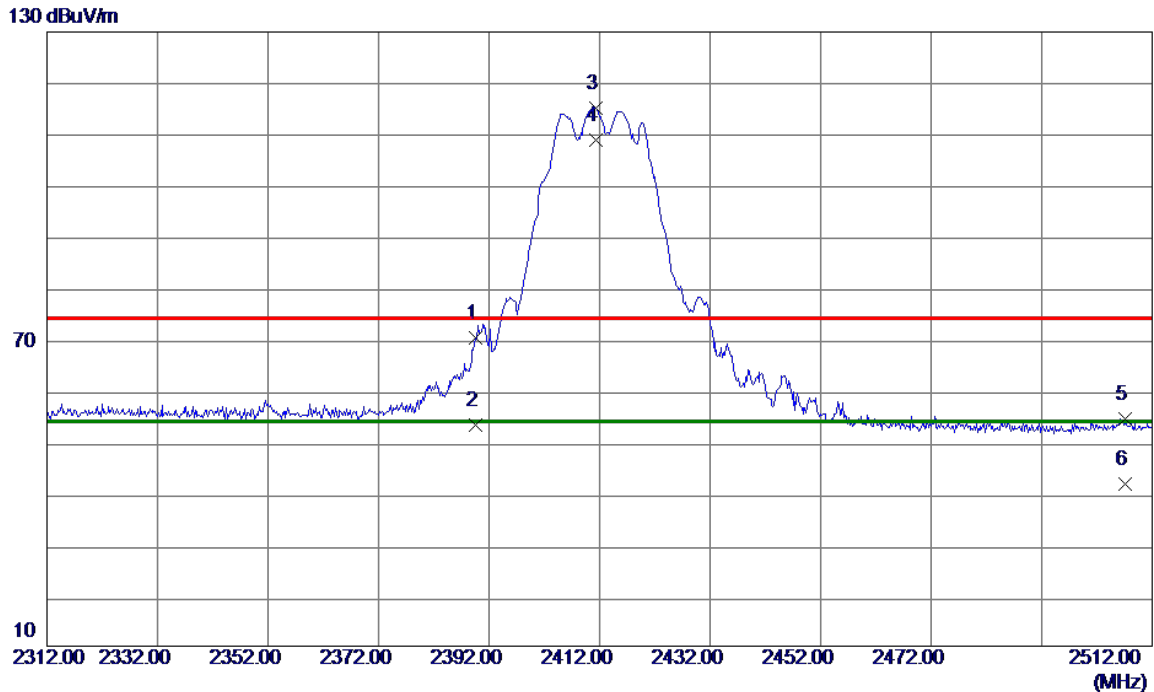


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2362.4000	52.13	5.19	57.32	74.00	-16.68	Peak	
2	2362.4000	38.80	5.19	43.99	54.00	-10.01	AVG	
3	2463.4000	107.98	5.37	113.35	74.00	39.35	Peak	No Limit
4 *	2463.4000	105.18	5.37	110.55	54.00	56.55	AVG	No Limit
5	2490.6000	51.45	5.42	56.87	74.00	-17.13	Peak	
6	2490.6000	41.19	5.42	46.61	54.00	-7.39	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/11/5
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



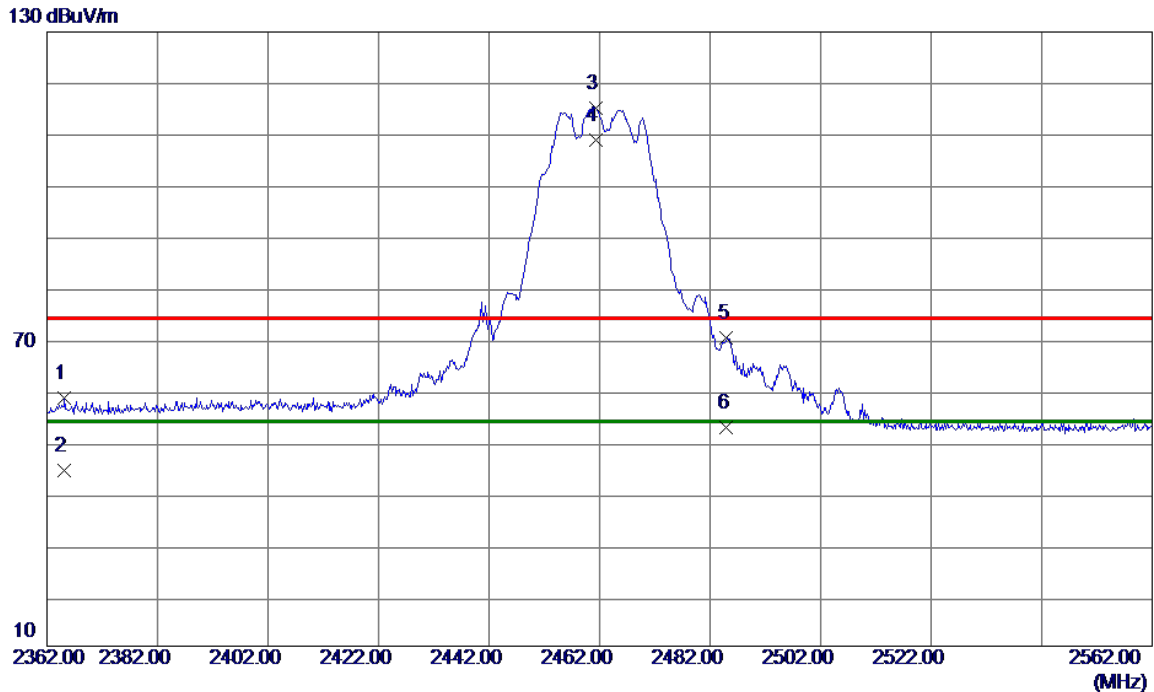
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2389.6000	64.97	5.24	70.21	74.00	-3.79	Peak	
2	2389.6000	47.85	5.24	53.09	54.00	-0.91	AVG	
3	2411.4000	109.79	5.28	115.07	74.00	41.07	Peak	No Limit
4 *	2411.4000	103.51	5.28	108.79	54.00	54.79	AVG	No Limit
5	2507.2000	48.90	5.47	54.37	74.00	-19.63	Peak	
6	2507.2000	36.21	5.47	41.68	54.00	-12.32	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11g	Test Date	2025/11/5
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

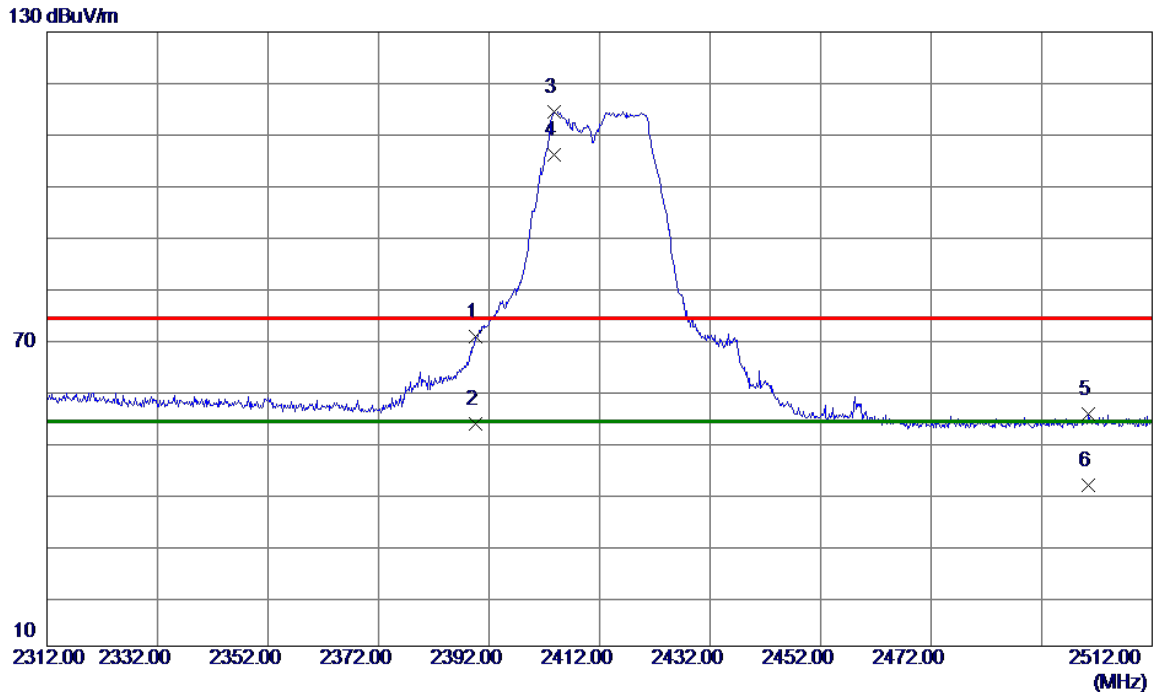


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2365.2000	53.28	5.20	58.48	74.00	-15.52	Peak	
2	2365.2000	39.01	5.20	44.21	54.00	-9.79	AVG	
3	2461.4000	109.82	5.37	115.19	74.00	41.19	Peak	No Limit
4 *	2461.4000	103.51	5.37	108.88	54.00	54.88	AVG	No Limit
5	2485.0000	64.84	5.41	70.25	74.00	-3.75	Peak	
6	2485.0000	47.35	5.41	52.76	54.00	-1.24	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/11/5
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

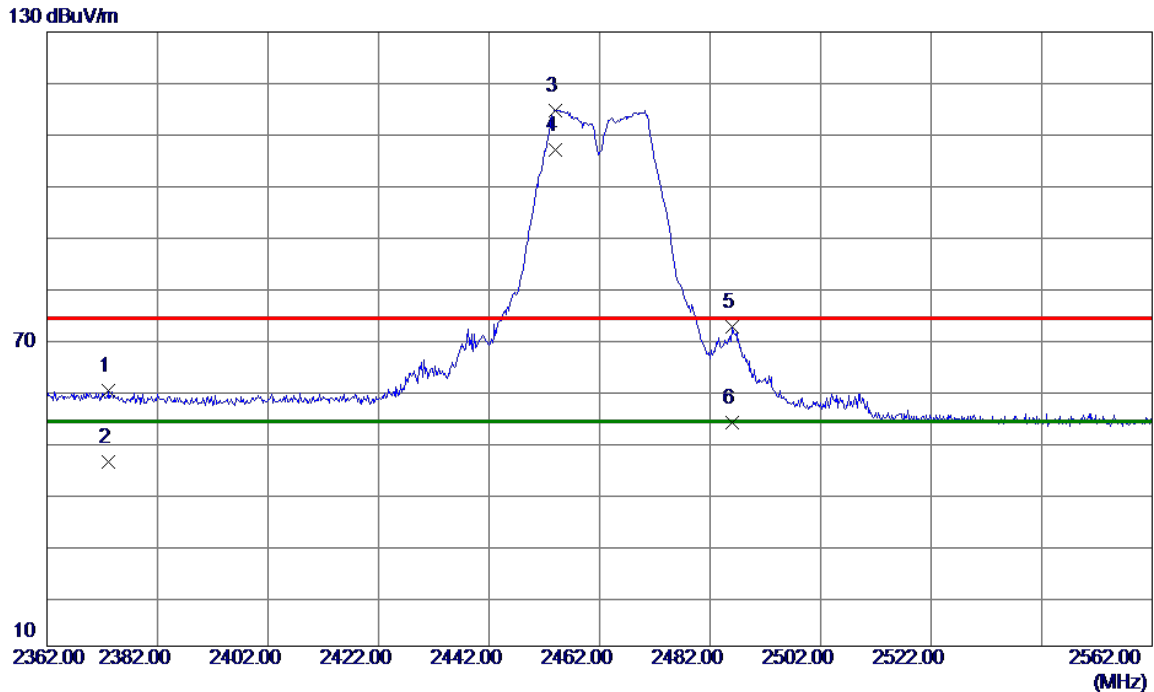


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2389.6000	65.19	5.24	70.43	74.00	-3.57	Peak	
2	2389.6000	48.15	5.24	53.39	54.00	-0.61	AVG	
3	2403.8000	109.15	5.27	114.42	74.00	40.42	Peak	No Limit
4 *	2403.8000	100.80	5.27	106.07	54.00	52.07	AVG	No Limit
5	2500.4000	50.00	5.44	55.44	74.00	-18.56	Peak	
6	2500.4000	35.89	5.44	41.33	54.00	-12.67	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/11/5
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

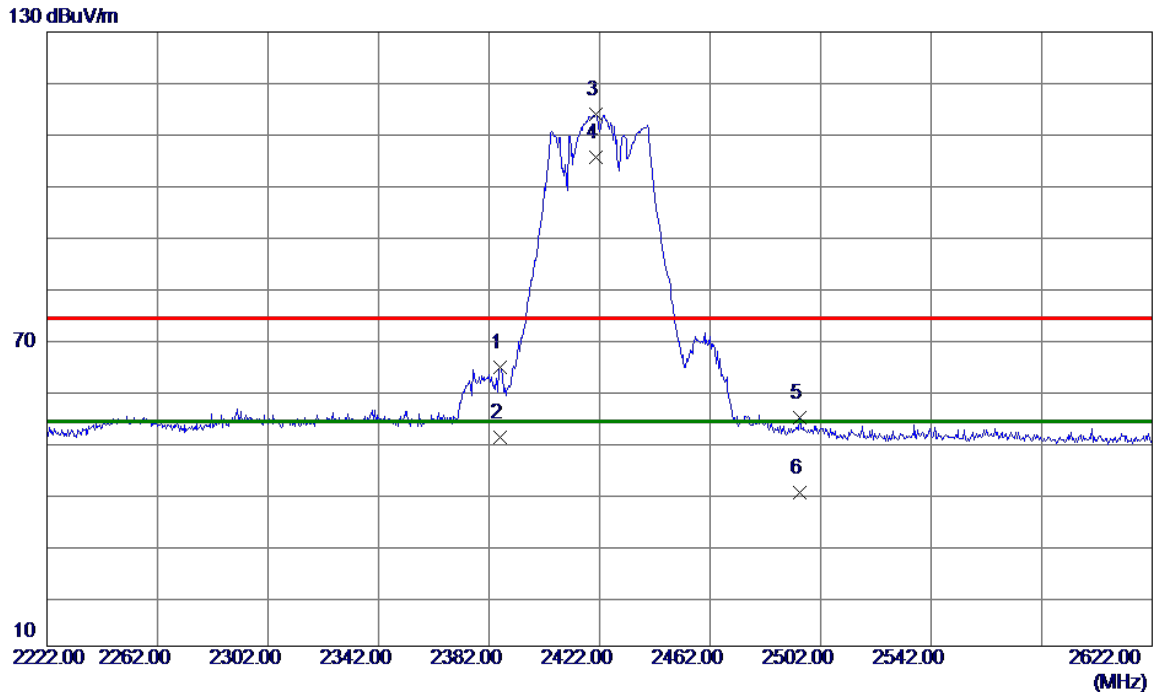


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2373.2000	54.70	5.21	59.91	74.00	-14.09	Peak	
2	2373.2000	40.78	5.21	45.99	54.00	-8.01	AVG	
3	2454.0000	109.34	5.36	114.70	74.00	40.70	Peak	No Limit
4 *	2454.0000	101.56	5.36	106.92	54.00	52.92	AVG	No Limit
5	2486.0000	66.93	5.41	72.34	74.00	-1.66	Peak	
6	2486.0000	48.25	5.41	53.66	54.00	-0.34	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2025/11/5
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

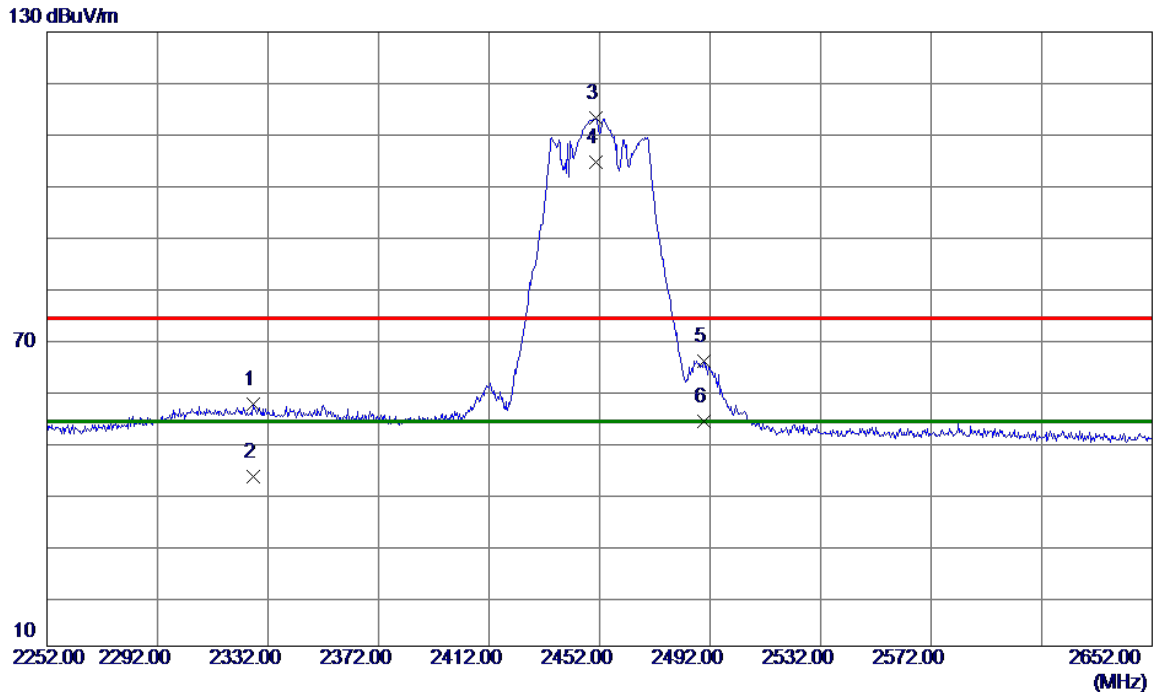


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2386.0000	59.30	5.23	64.53	74.00	-9.47	Peak	
2	2386.0000	45.62	5.23	50.85	54.00	-3.15	AVG	
3	2420.8000	108.56	5.30	113.86	74.00	39.86	Peak	No Limit
4 *	2420.8000	100.20	5.30	105.50	54.00	51.50	AVG	No Limit
5	2494.4000	49.31	5.43	54.74	74.00	-19.26	Peak	
6	2494.4000	34.60	5.43	40.03	54.00	-13.97	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2025/11/5
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

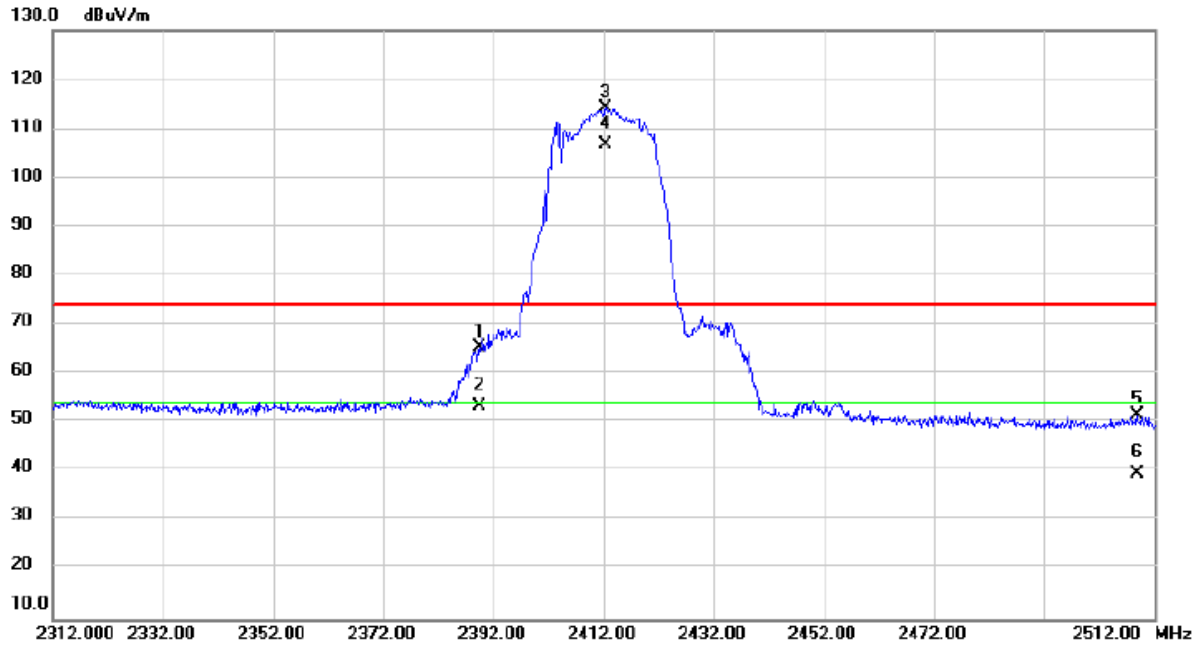


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2326.8000	52.06	5.13	57.19	74.00	-16.81	Peak	
2	2326.8000	38.02	5.13	43.15	54.00	-10.85	AVG	
3	2450.8000	107.94	5.35	113.29	74.00	39.29	Peak	No Limit
4 *	2450.8000	99.21	5.35	104.56	54.00	50.56	AVG	No Limit
5	2489.6000	60.27	5.42	65.69	74.00	-8.31	Peak	
6	2489.6000	48.39	5.42	53.81	54.00	-0.19	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT20)	Test Date	2025/11/5
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

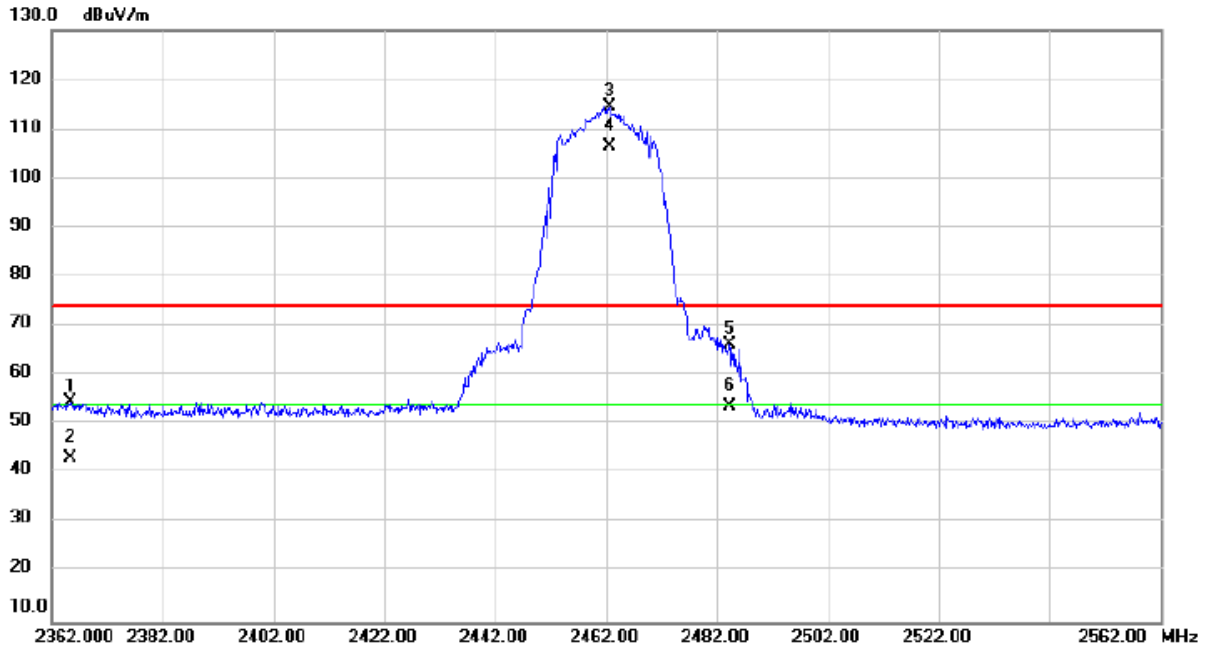


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2389.400	60.02	5.24	65.26	74.00	-8.74	peak	
2		2389.400	48.05	5.24	53.29	54.00	-0.71	AVG	
3	X	2412.400	108.9	5.28	114.22	74.00	40.22	peak	No Limit
4	*	2412.400	101.4	5.28	106.73	54.00	52.73	AVG	No Limit
5		2508.800	45.97	5.48	51.45	74.00	-22.55	peak	
6		2508.800	34.12	5.48	39.60	54.00	-14.40	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT20)	Test Date	2025/11/5
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



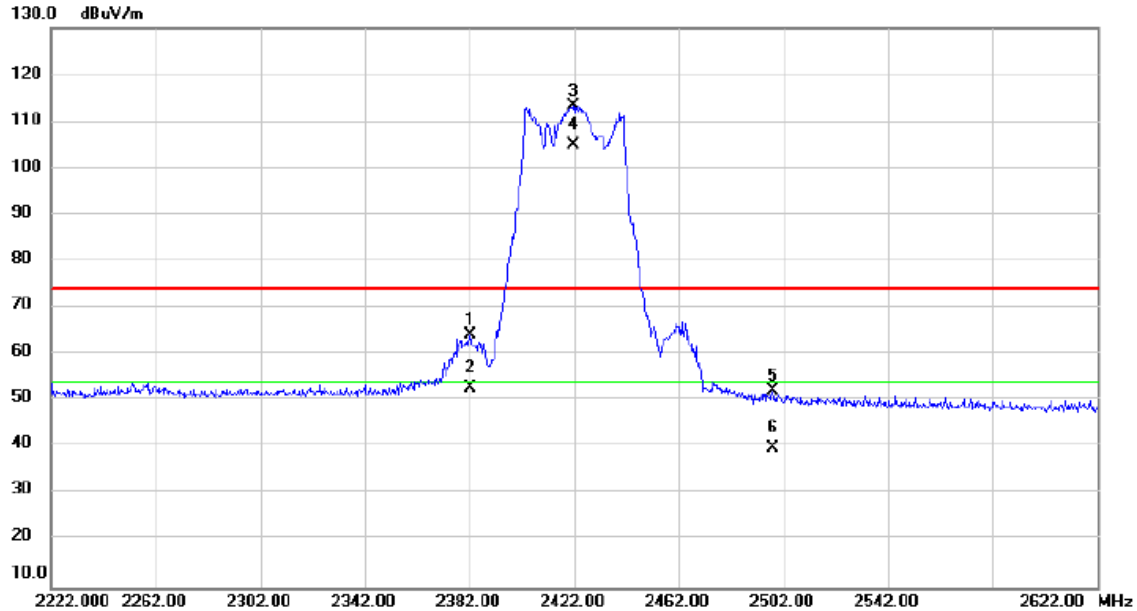
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2365.400	49.43	5.20	54.63	74.00	-19.37	peak	
2		2365.400	37.94	5.20	43.14	54.00	-10.86	AVG	
3	X	2462.600	109.0	5.38	114.40	74.00	40.40	peak	No Limit
4	*	2462.600	101.1	5.38	106.50	54.00	52.50	AVG	No Limit
5		2484.200	60.84	5.41	66.25	74.00	-7.75	peak	
6		2484.200	48.24	5.41	53.65	54.00	-0.35	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11be(EHT40)	Test Date	2025/11/5
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

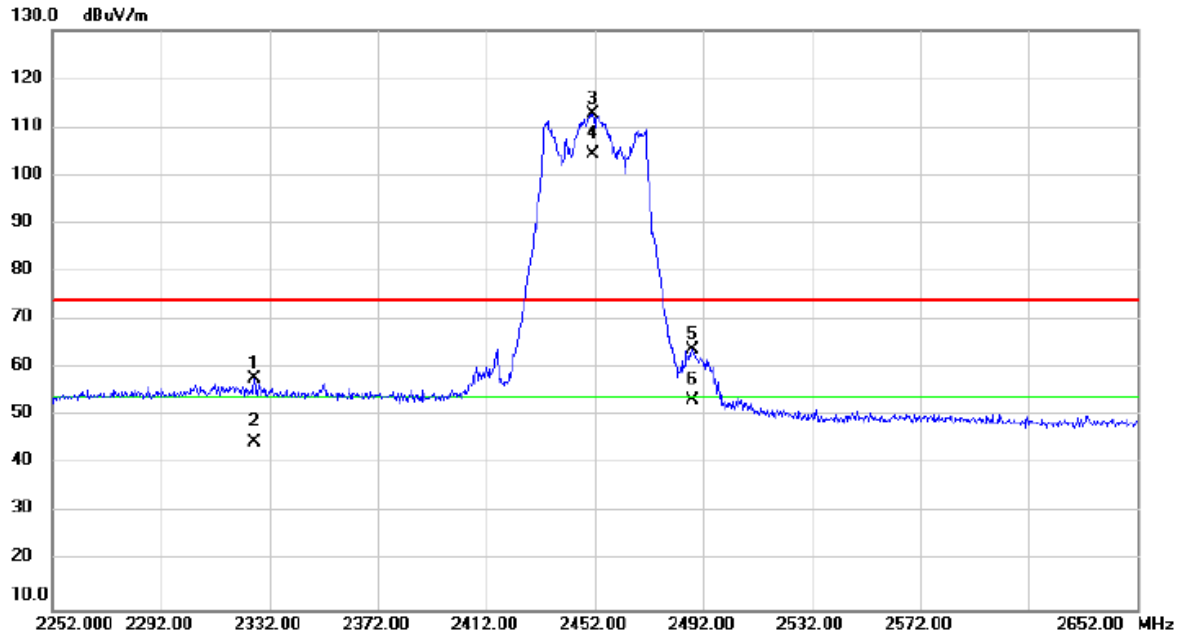


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2382.400	58.84	5.23	64.07	74.00	-9.93	peak	
2		2382.400	47.43	5.23	52.66	54.00	-1.34	AVG	
3	X	2421.600	108.1	5.30	113.40	74.00	39.40	peak	No Limit
4	*	2421.600	99.78	5.30	105.08	54.00	51.08	AVG	No Limit
5		2498.000	46.60	5.44	52.04	74.00	-21.96	peak	
6		2498.000	34.30	5.44	39.74	54.00	-14.26	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT40)	Test Date	2025/11/5
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2326.400	52.58	5.12	57.70	74.00	-16.30	peak	
2		2326.400	39.59	5.12	44.71	54.00	-9.29	AVG	
3	X	2451.200	107.5	5.35	112.85	74.00	38.85	peak	No Limit
4	*	2451.200	99.06	5.35	104.41	54.00	50.41	AVG	No Limit
5		2488.000	58.44	5.42	63.86	74.00	-10.14	peak	
6		2488.000	48.03	5.42	53.45	54.00	-0.55	AVG	

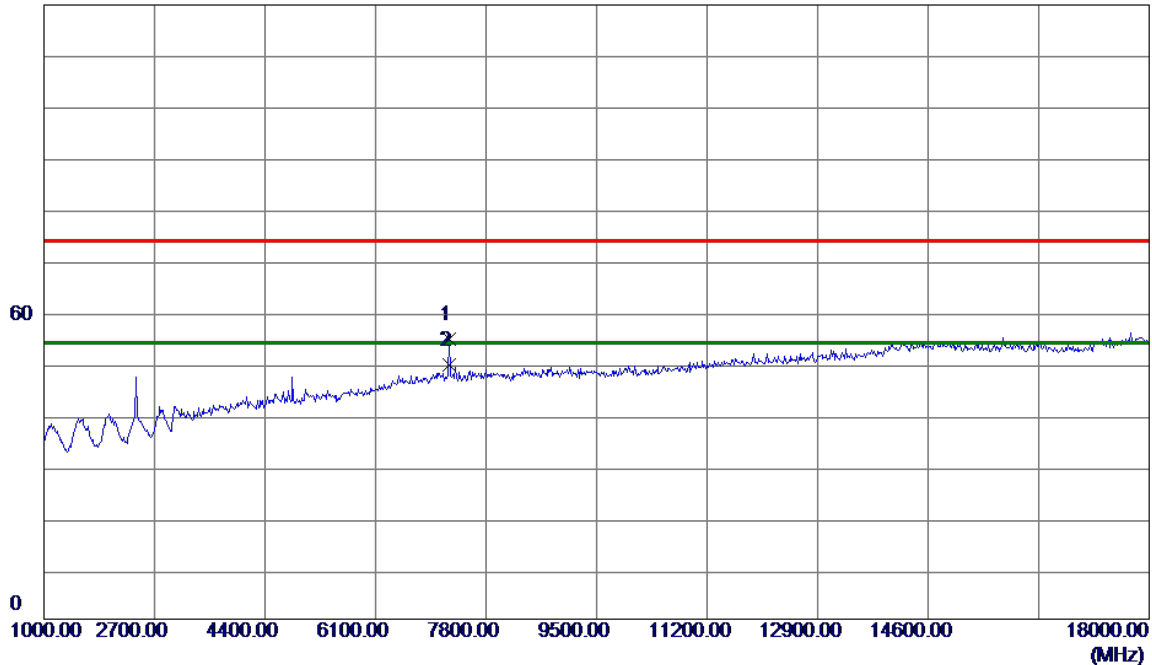
REMARKS:

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

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

Test Mode	IEEE 802.11b	Test Date	2025/11/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



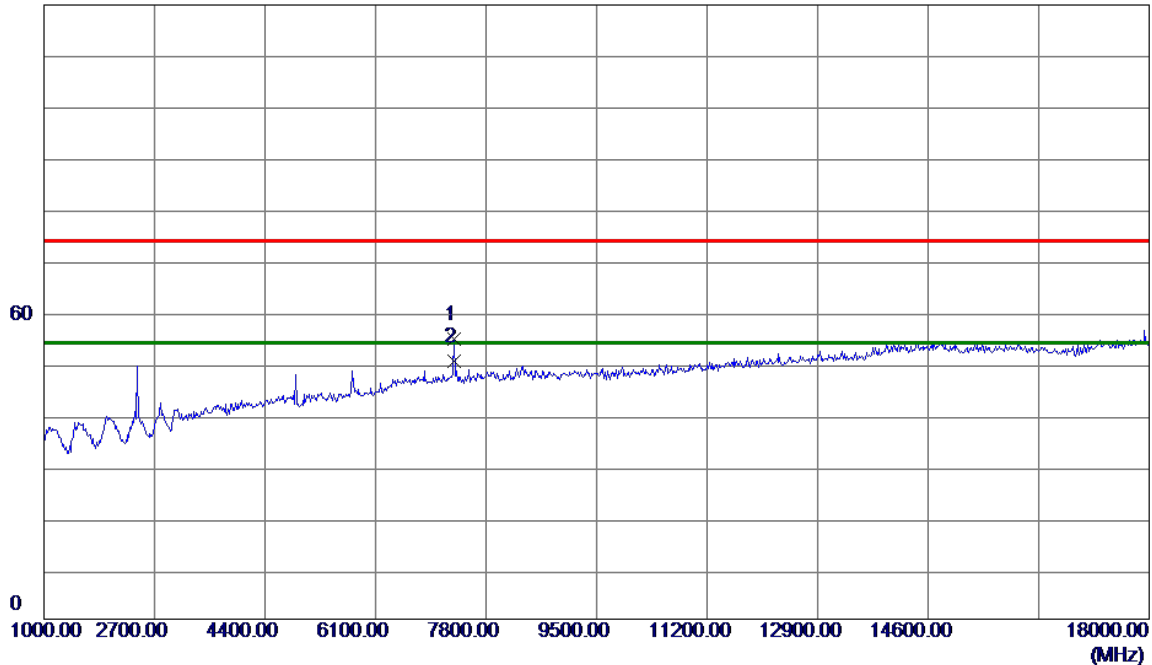
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7236.0000	48.25	6.40	54.65	74.00	-19.35	Peak	
2 *	7236.0000	43.33	6.40	49.73	54.00	-4.27	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/11/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



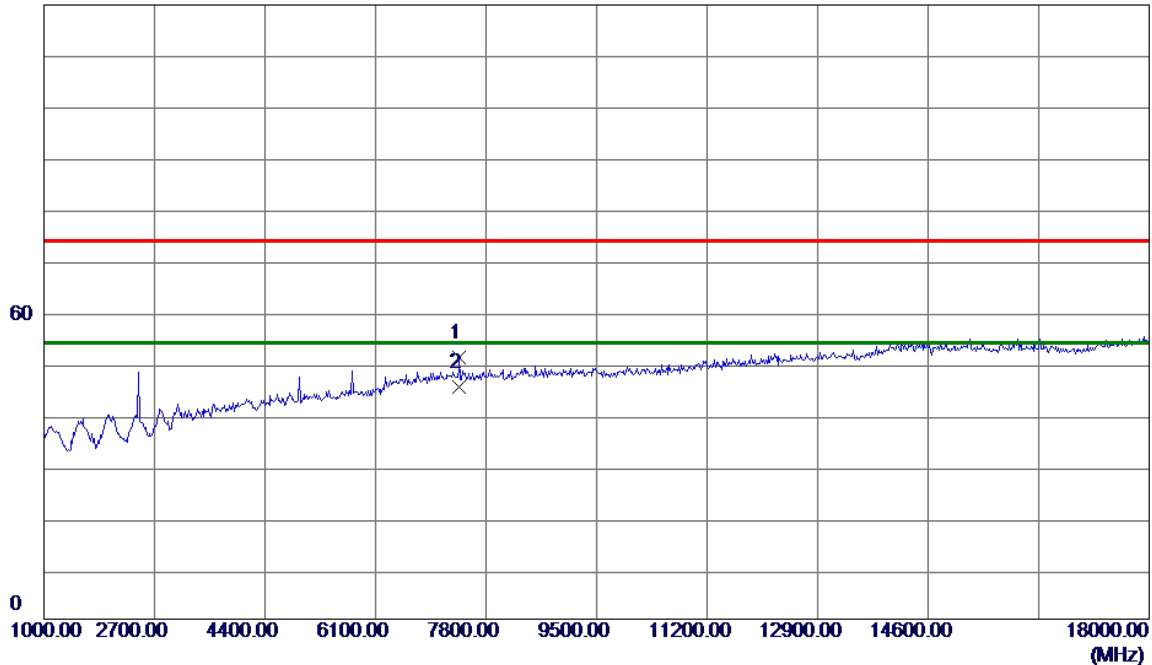
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7311.0000	48.30	6.41	54.71	74.00	-19.29	Peak	
2 *	7311.0000	44.02	6.41	50.43	54.00	-3.57	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/11/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m

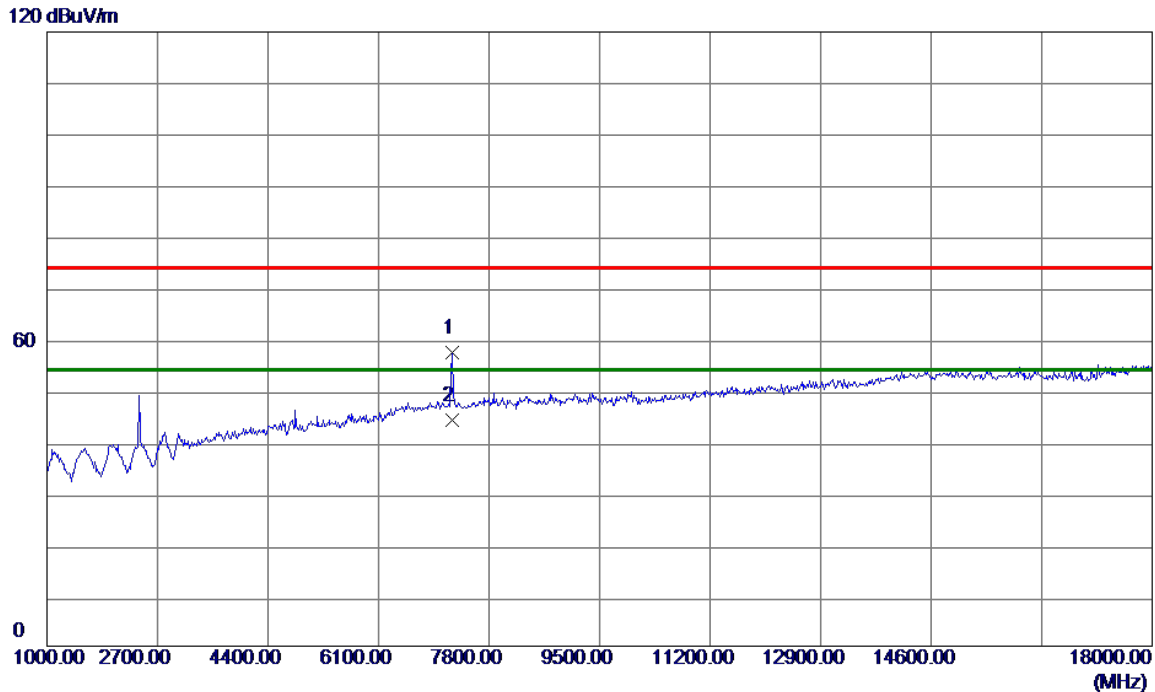


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7386.0000	44.61	6.42	51.03	74.00	-22.97	Peak	
2 *	7386.0000	38.97	6.42	45.39	54.00	-8.61	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/11/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



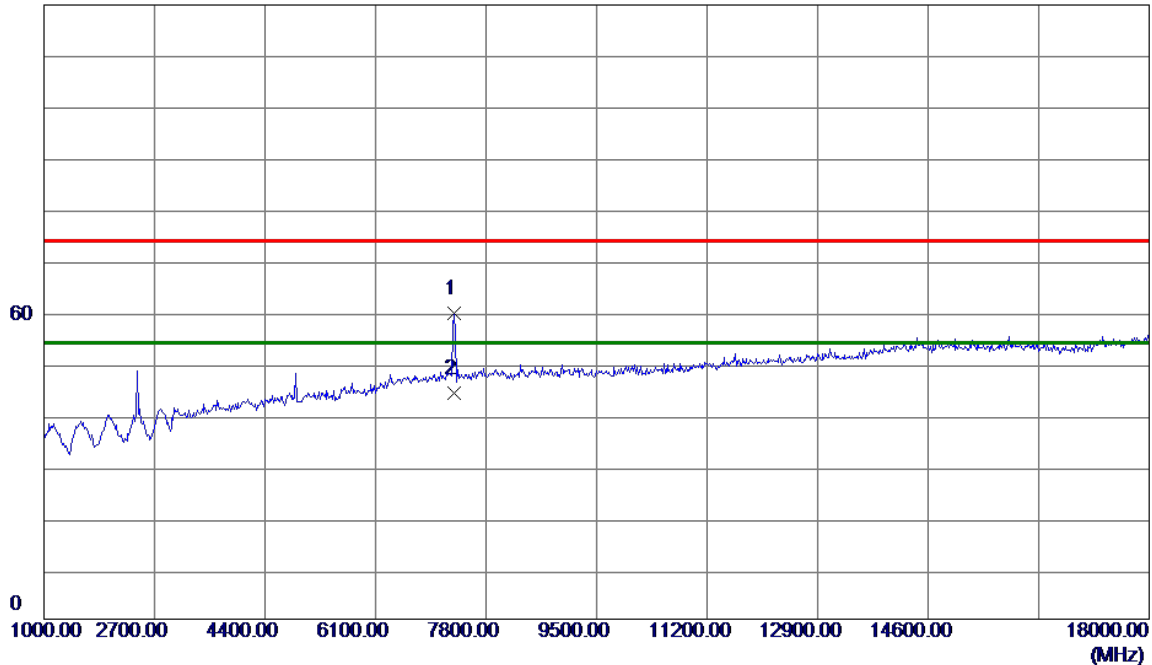
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7236.0000	50.98	6.40	57.38	74.00	-16.62	Peak	
2 *	7236.0000	37.75	6.40	44.15	54.00	-9.85	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/11/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7311.0000	53.30	6.41	59.71	74.00	-14.29	Peak	
2 *	7311.0000	37.76	6.41	44.17	54.00	-9.83	AVG	

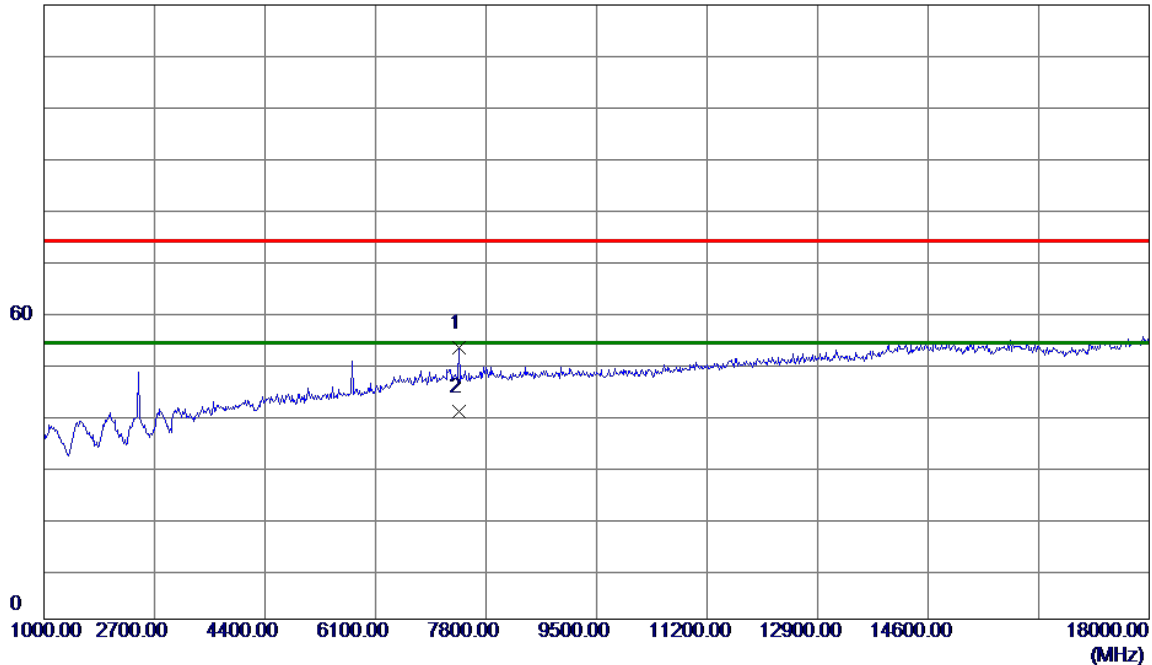
REMARKS:

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

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

Test Mode	IEEE 802.11g	Test Date	2025/11/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7386.0000	46.63	6.42	53.05	74.00	-20.95	Peak	
2 *	7386.0000	34.11	6.42	40.53	54.00	-13.47	AVG	

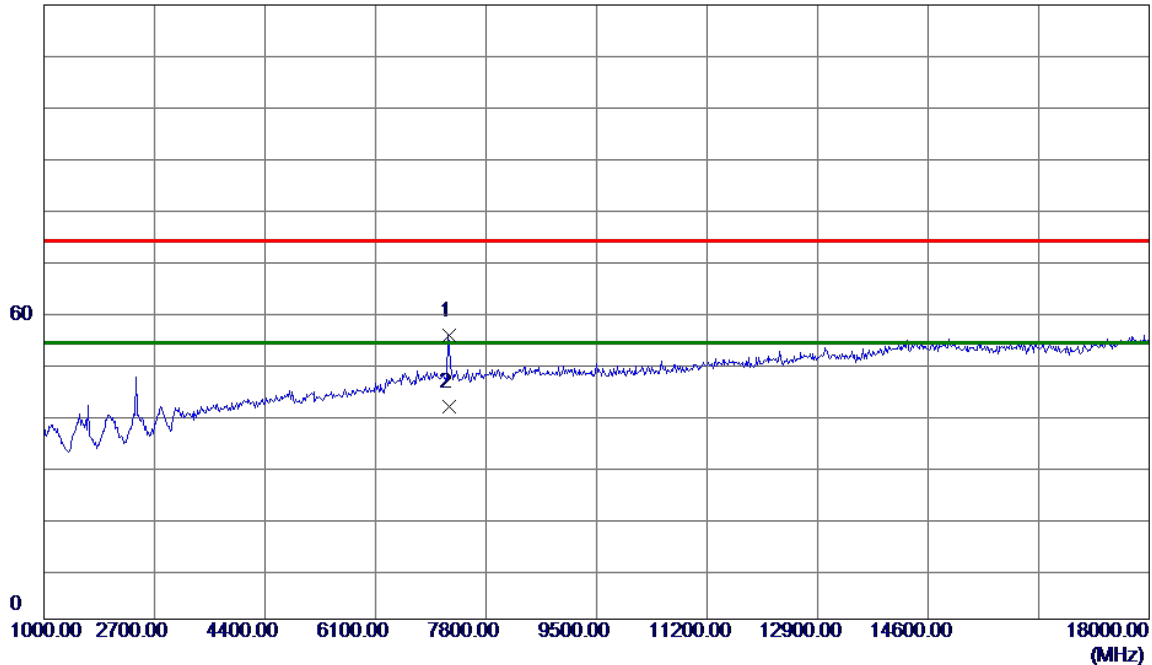
REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/11/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



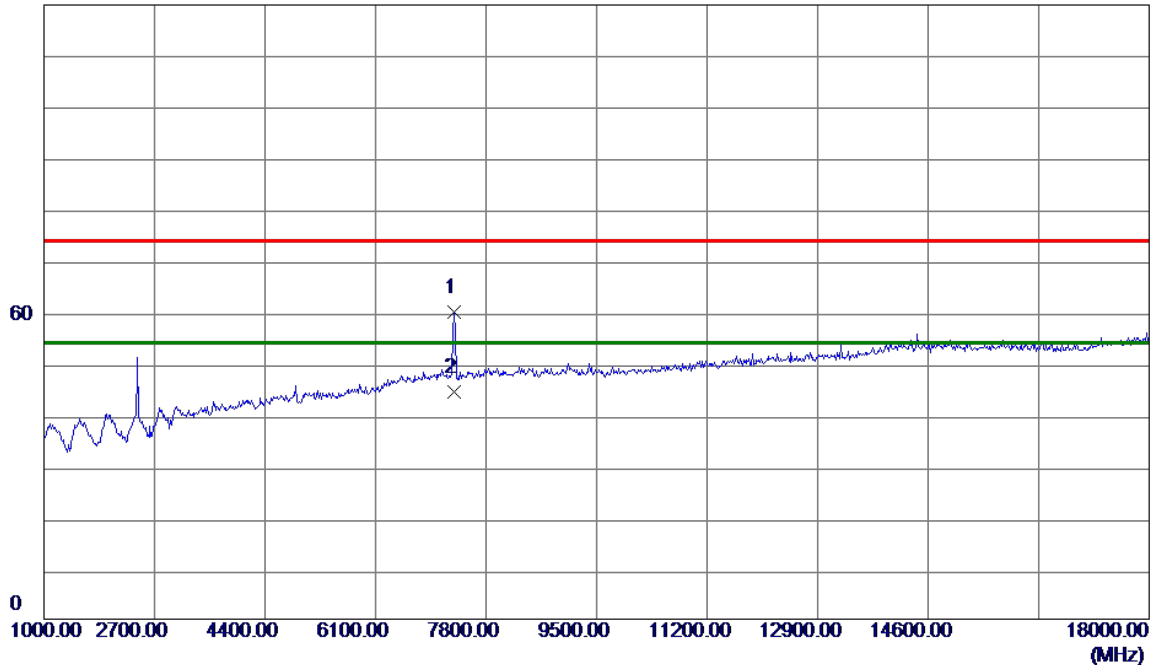
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7236.0000	49.05	6.40	55.45	74.00	-18.55	Peak	
2 *	7236.0000	35.05	6.40	41.45	54.00	-12.55	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/11/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



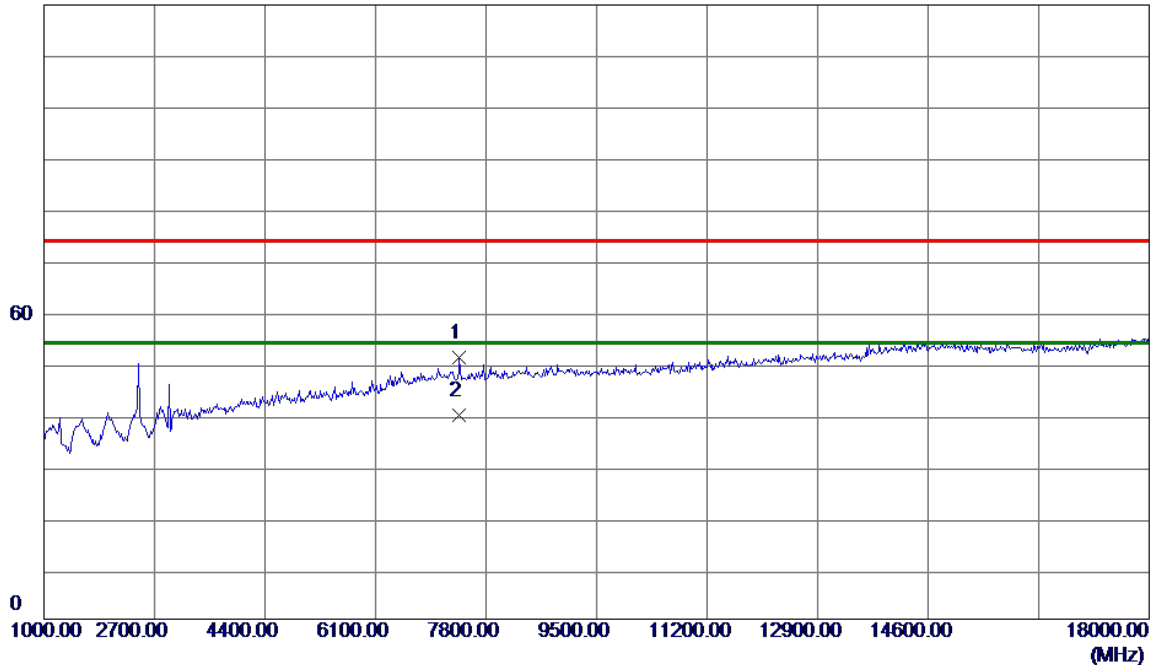
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7311.0000	53.64	6.41	60.05	74.00	-13.95	Peak	
2 *	7311.0000	38.08	6.41	44.49	54.00	-9.51	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/11/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7386.0000	44.68	6.42	51.10	74.00	-22.90	Peak	
2 *	7386.0000	33.52	6.42	39.94	54.00	-14.06	AVG	

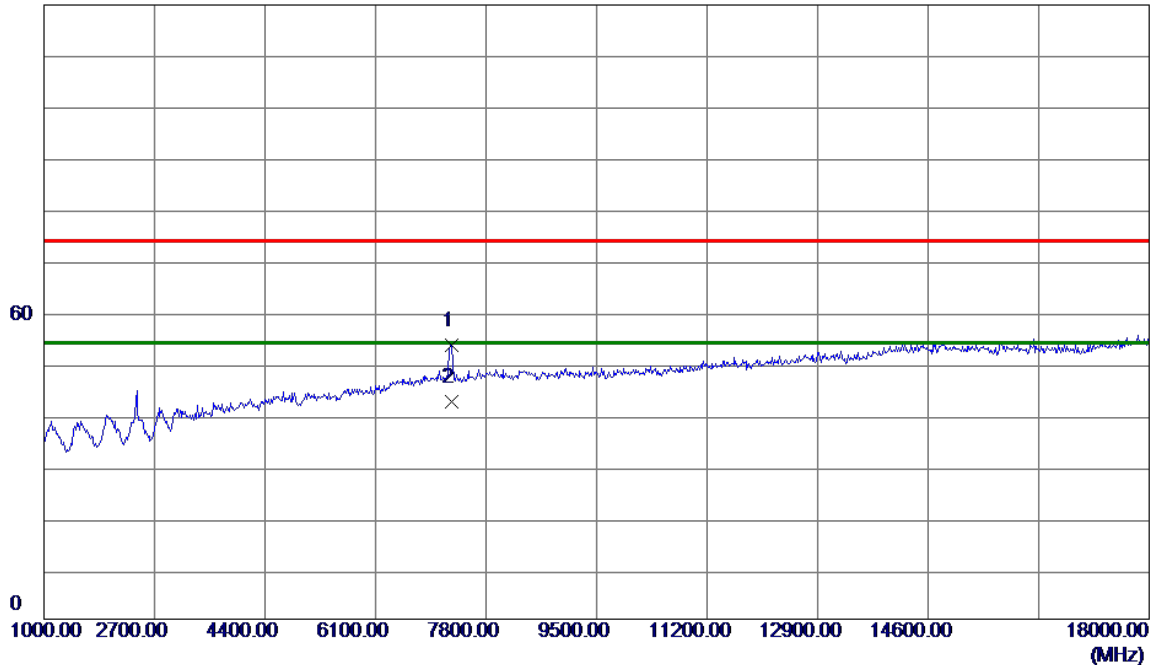
REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2025/11/6
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



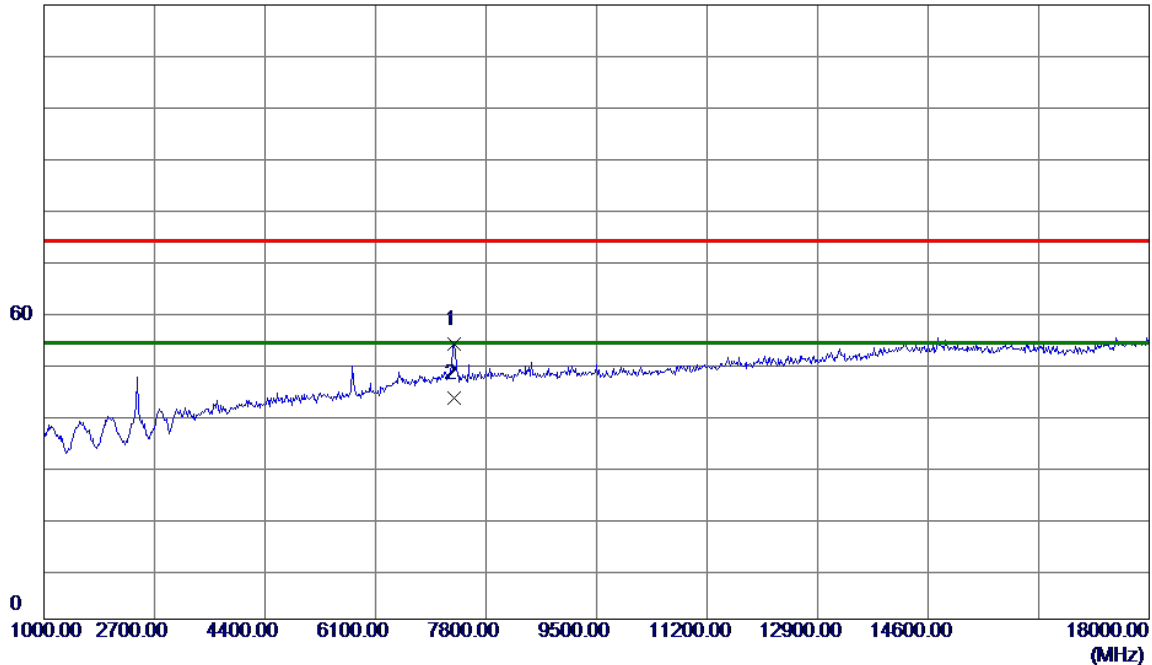
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7266.0000	47.20	6.40	53.60	74.00	-20.40	Peak	
2 *	7266.0000	36.04	6.40	42.44	54.00	-11.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2025/11/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



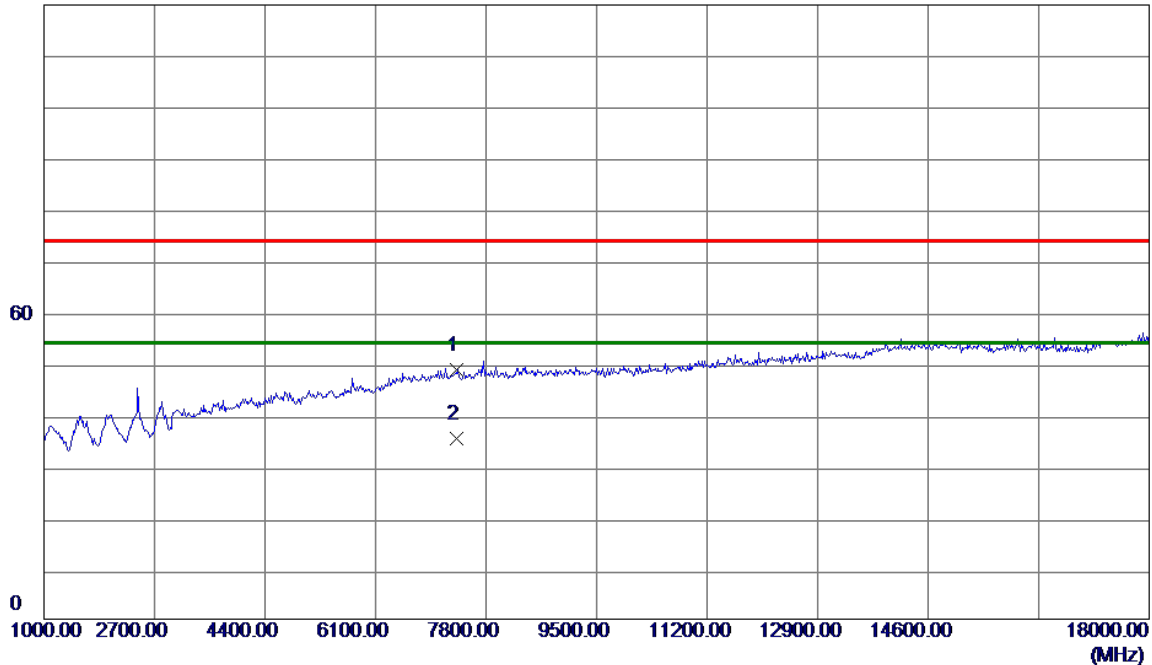
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7311.0000	47.30	6.41	53.71	74.00	-20.29	Peak	
2 *	7311.0000	36.81	6.41	43.22	54.00	-10.78	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2025/11/6
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m

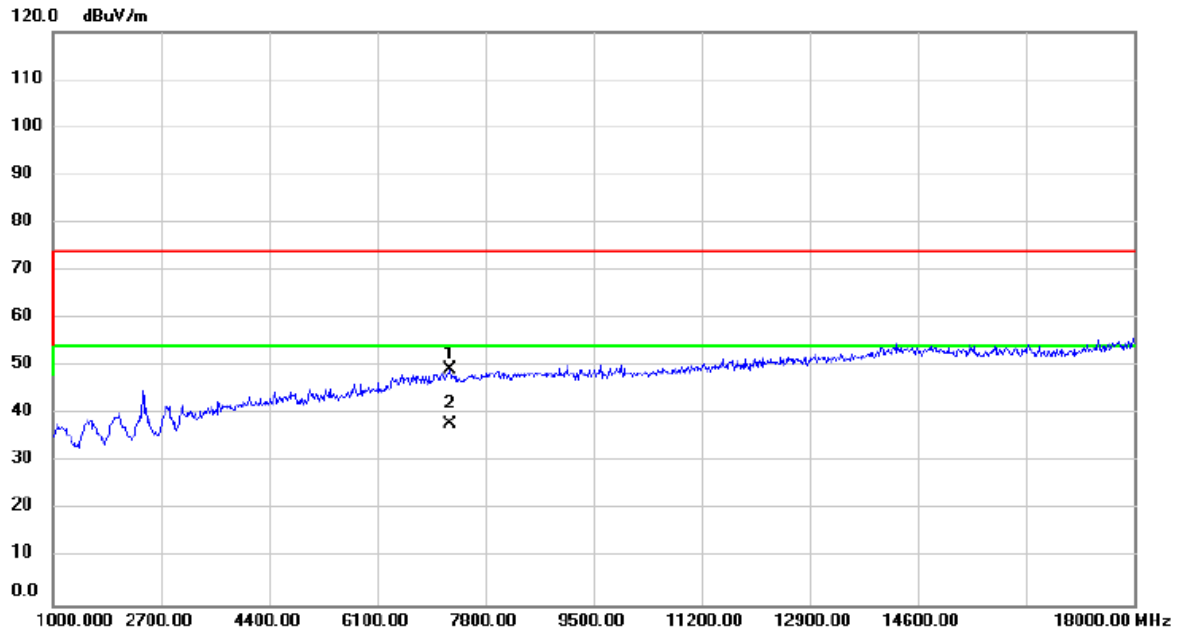


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7356.0000	42.25	6.41	48.66	74.00	-25.34	Peak	
2 *	7356.0000	28.87	6.41	35.28	54.00	-18.72	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT20)	Test Date	2025/11/6
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

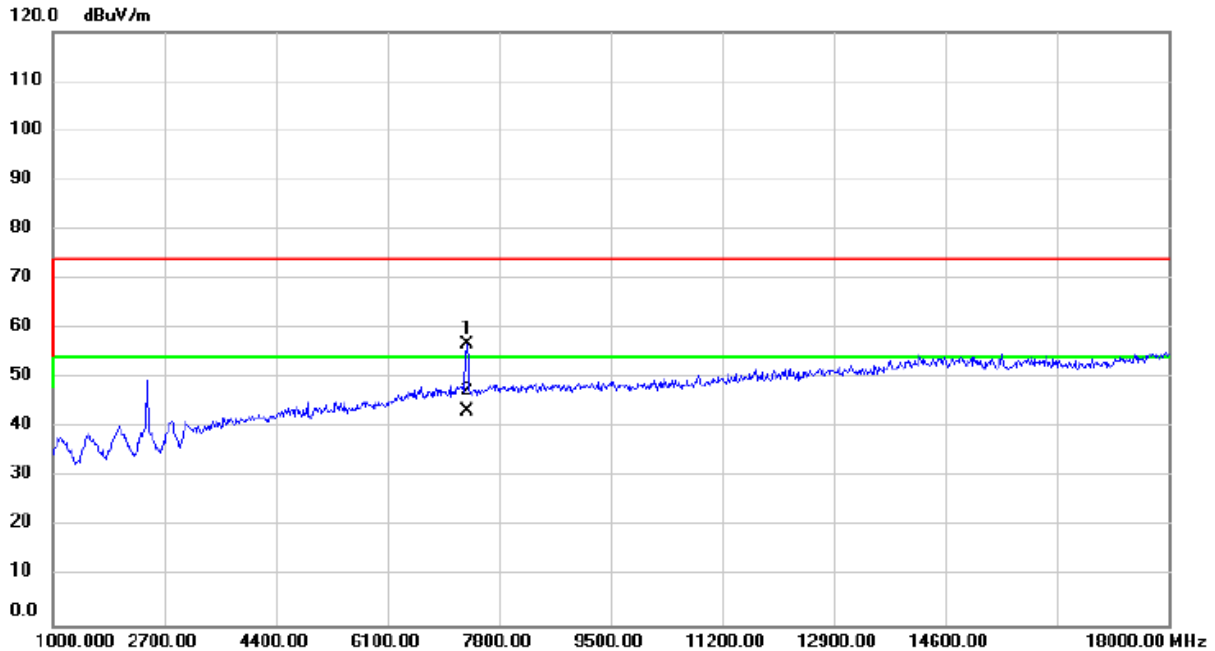


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7236.000	42.94	6.40	49.34	74.00	-24.66	peak	
2	*	7236.000	31.49	6.40	37.89	54.00	-16.11	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT20)	Test Date	2025/11/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

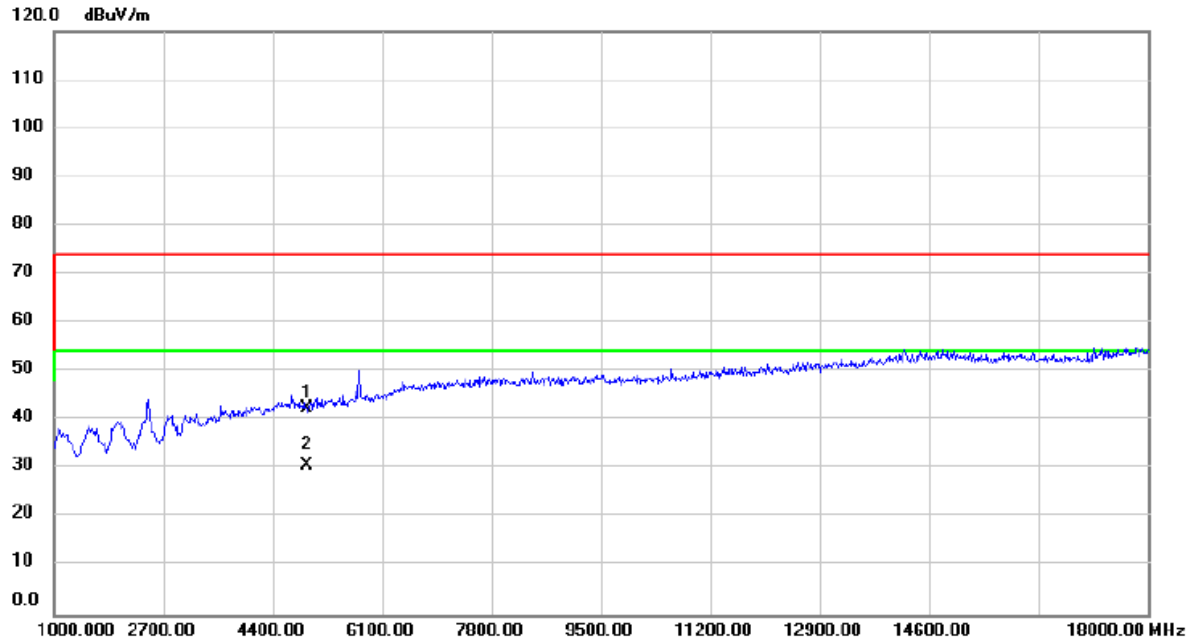


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7311.000	50.32	6.41	56.73	74.00	-17.27	peak	
2	*	7311.000	36.90	6.41	43.31	54.00	-10.69	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT20)	Test Date	2025/11/6
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

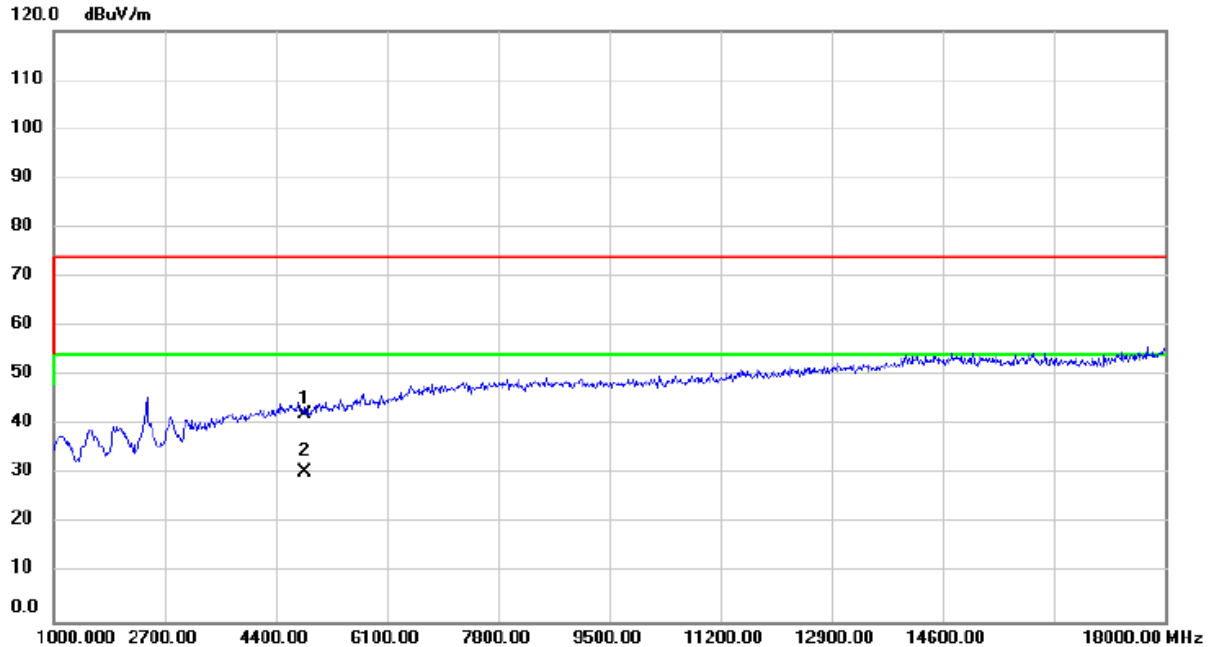


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	40.42	1.96	42.38	74.00	-31.62	peak	
2	*	4924.000	28.64	1.96	30.60	54.00	-23.40	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT40)	Test Date	2025/11/6
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

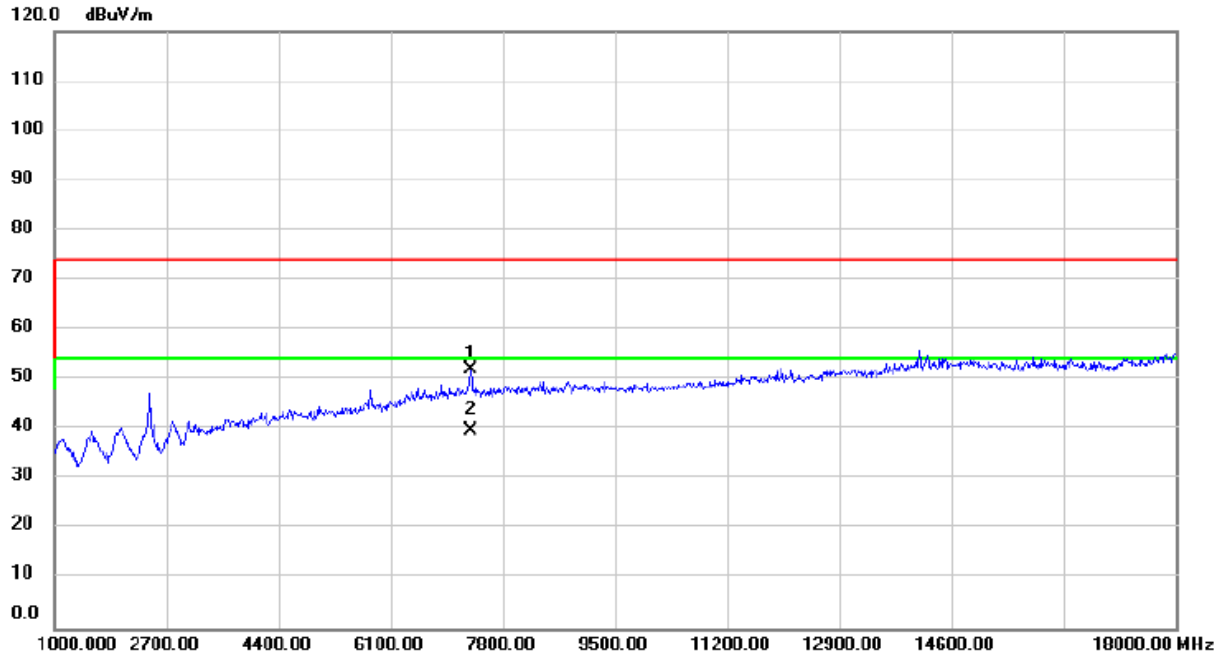


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4844.000	40.36	1.82	42.18	74.00	-31.82	peak	
2	*	4844.000	28.70	1.82	30.52	54.00	-23.48	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT40)	Test Date	2025/11/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

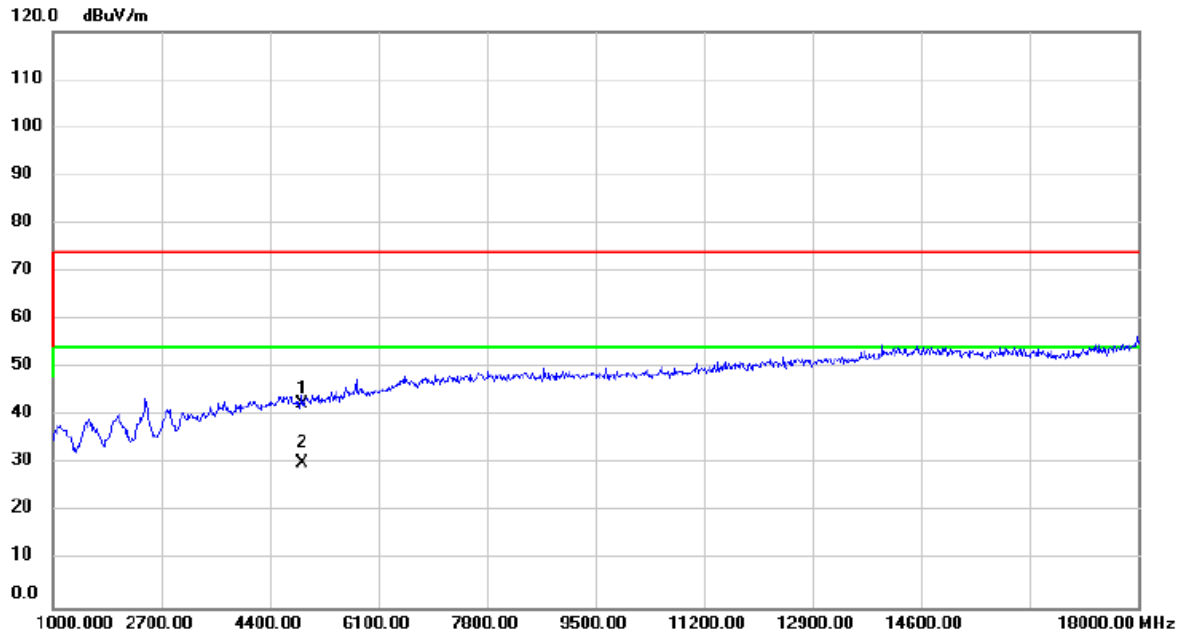


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		7311.000	45.76	6.41	52.17	74.00	-21.83	peak	
2	*	7311.000	33.22	6.41	39.63	54.00	-14.37	AVG	

REMARKS:

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

Test Mode	IEEE 802.11be(EHT40)	Test Date	2025/11/6
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



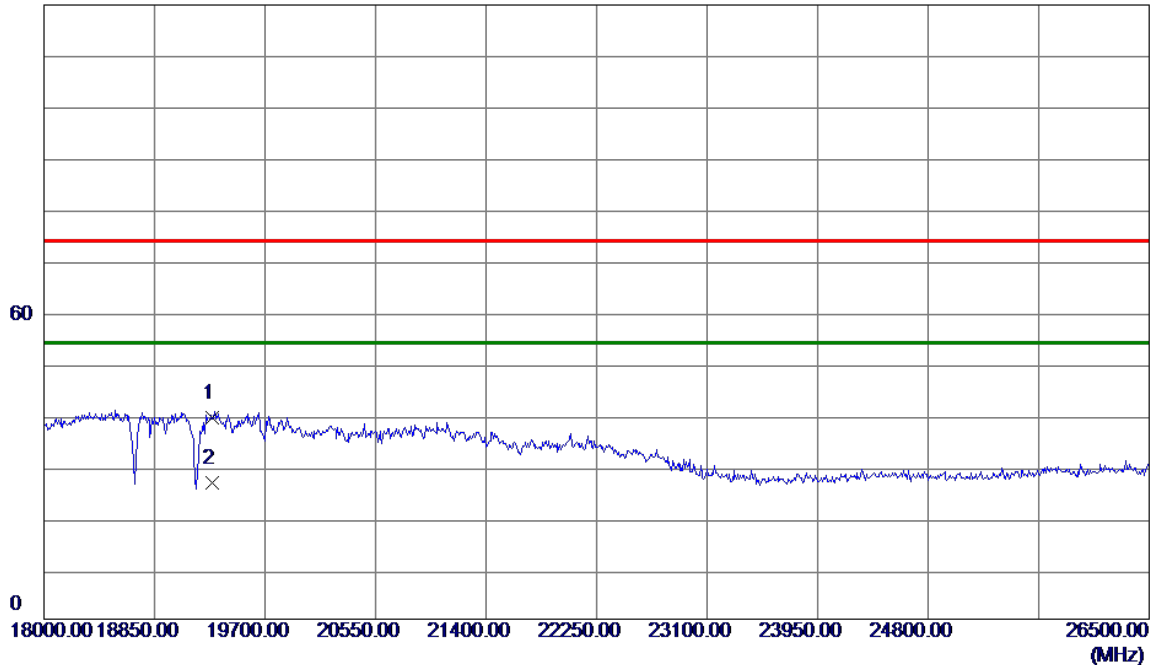
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4904.000	40.56	1.93	42.49	74.00	-31.51	peak	
2	*	4904.000	28.32	1.93	30.25	54.00	-23.75	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/11/6
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	19296.0000	49.12	-9.85	39.27	74.00	-34.73	Peak	
2 *	19296.0000	36.53	-9.85	26.68	54.00	-27.32	AVG	

REMARKS:

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

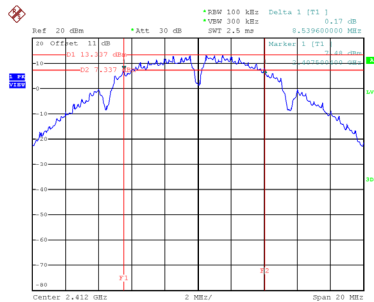
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D BANDWIDTH

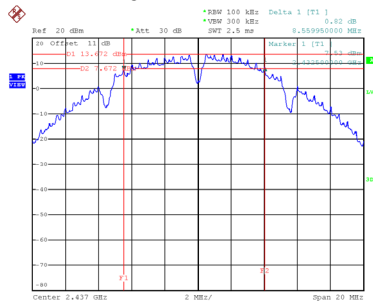
Test Mode	IEEE 802.11b
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	8.540	12.880	0.5	PASS
06	2437	8.560	13.120	0.5	PASS
11	2462	7.130	13.280	0.5	PASS

CH01

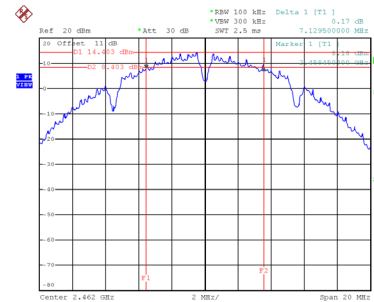


Date: 22.OCT.2025 22:26:47

CH06
6 dB Bandwidth


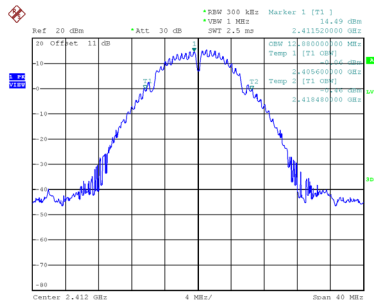
Date: 22.OCT.2025 22:28:53

CH11

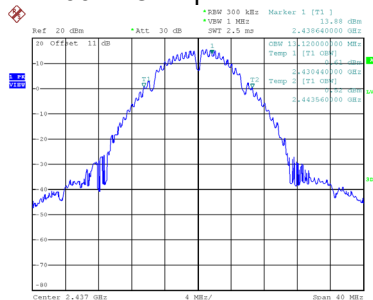


Date: 22.OCT.2025 22:31:33

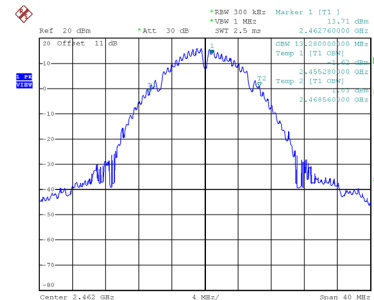
99 % Occupied Bandwidth



Date: 22.OCT.2025 22:26:56



Date: 22.OCT.2025 22:29:02

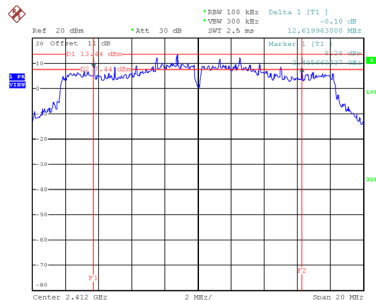


Date: 22.OCT.2025 22:31:42

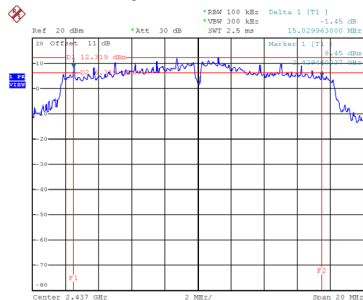
Test Mode	IEEE 802.11g
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	12.620	16.880	0.5	PASS
06	2437	15.030	16.960	0.5	PASS
11	2462	15.040	16.960	0.5	PASS

CH01

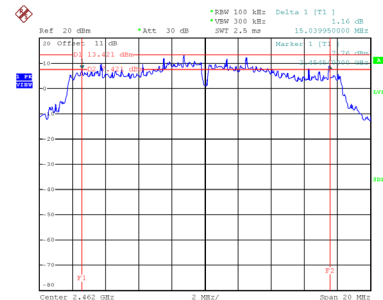


Date: 22.OCT.2025 22:33:20

CH06
6 dB Bandwidth


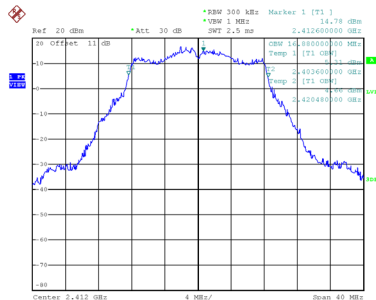
Date: 22.OCT.2025 22:35:07

CH11

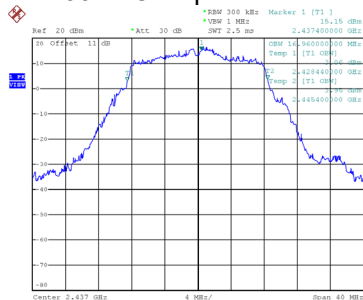


Date: 22.OCT.2025 22:37:15

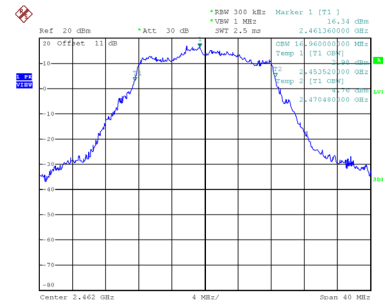
99 % Occupied Bandwidth



Date: 22.OCT.2025 22:33:29



Date: 22.OCT.2025 22:35:16

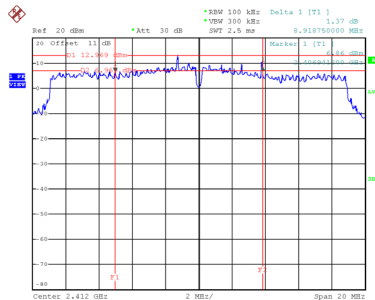


Date: 22.OCT.2025 22:37:24

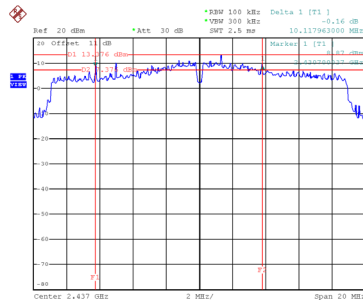
Test Mode	IEEE 802.11n (HT20) Mode
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	8.919	18.160	0.5	PASS
06	2437	10.118	17.840	0.5	PASS
11	2462	11.350	17.920	0.5	PASS

CH01

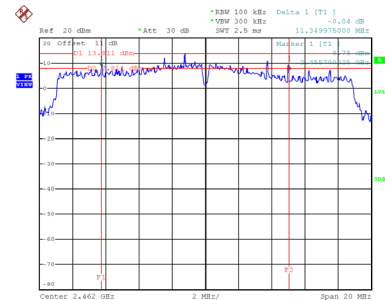


Date: 22.OCT.2025 22:39:53

CH06
6 dB Bandwidth


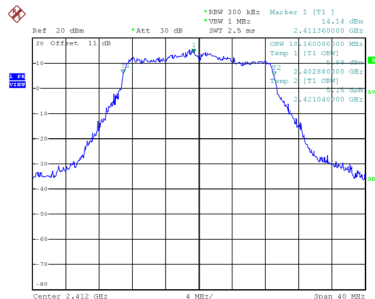
Date: 22.OCT.2025 22:42:27

CH11

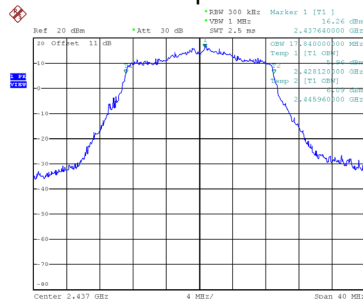


Date: 22.OCT.2025 22:44:27

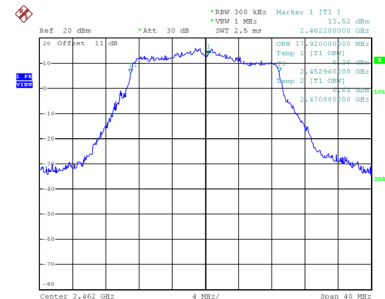
99 % Occupied Bandwidth



Date: 22.OCT.2025 22:40:02



Date: 22.OCT.2025 22:42:36

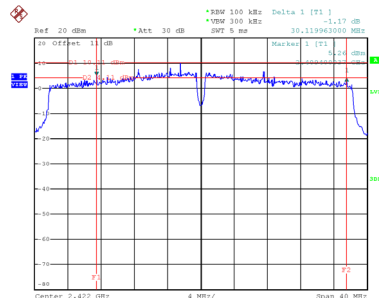


Date: 22.OCT.2025 22:44:36

Test Mode	IEEE 802.11n (HT40) Mode
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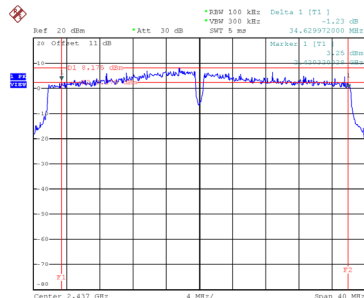
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	30.120	36.800	0.5	PASS
06	2437	34.630	36.800	0.5	PASS
09	2452	34.630	36.960	0.5	PASS

CH03



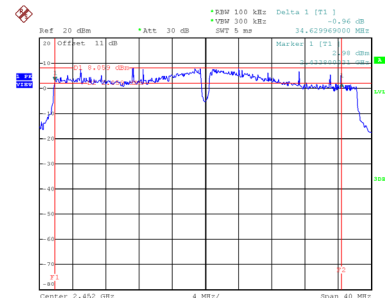
Date: 22.OCT.2025 22:46:17

CH06
6 dB Bandwidth



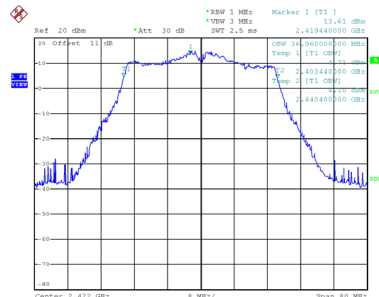
Date: 22.OCT.2025 22:48:09

CH09

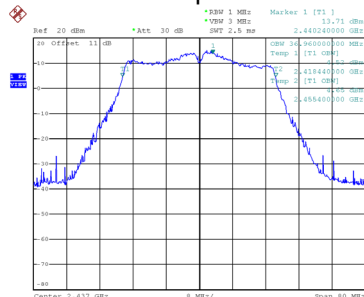


Date: 22.OCT.2025 22:49:55

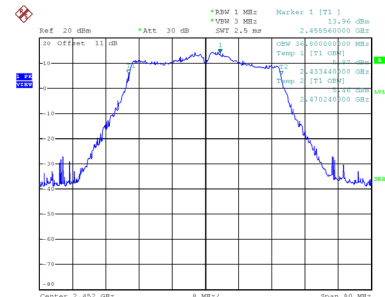
99 % Occupied Bandwidth



Date: 22.OCT.2025 23:26:35



Date: 22.OCT.2025 23:27:16

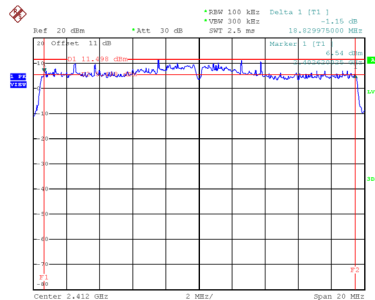


Date: 22.OCT.2025 23:27:47

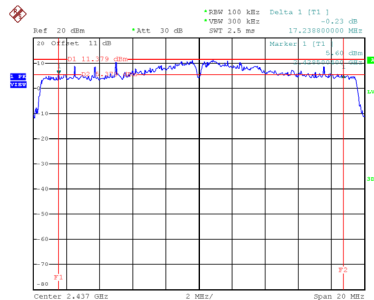
Test Mode	IEEE 802.11be (EHT20)
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	18.830	19.120	0.5	PASS
06	2437	17.239	18.960	0.5	PASS
11	2462	15.860	19.040	0.5	PASS

CH01

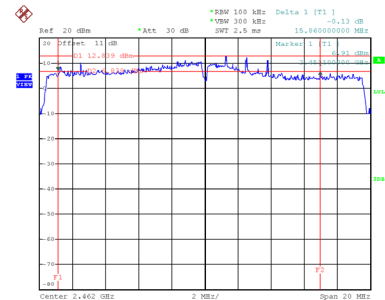


Date: 22.OCT.2025 23:07:16

CH06
6 dB Bandwidth


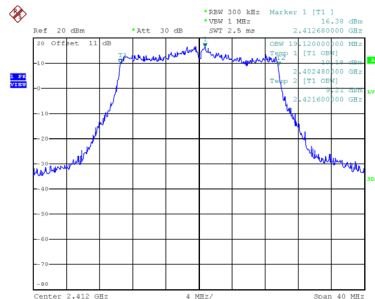
Date: 22.OCT.2025 23:09:07

CH11

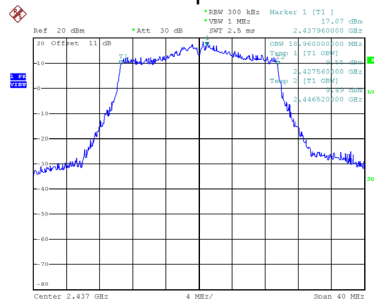


Date: 22.OCT.2025 23:10:39

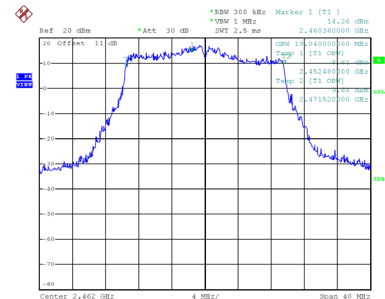
99 % Occupied Bandwidth



Date: 22.OCT.2025 23:07:25



Date: 22.OCT.2025 23:09:15

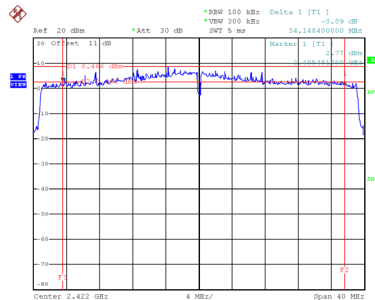


Date: 22.OCT.2025 23:10:47

Test Mode	IEEE 802.11be (EHT40)
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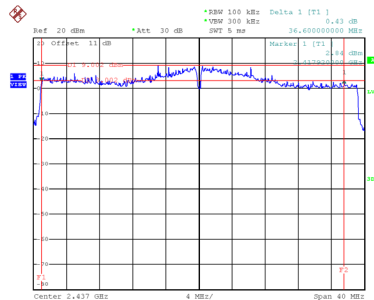
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
03	2422	34.148	38.240	0.5	PASS
06	2437	36.600	38.240	0.5	PASS
09	2452	34.168	38.240	0.5	PASS

CH03



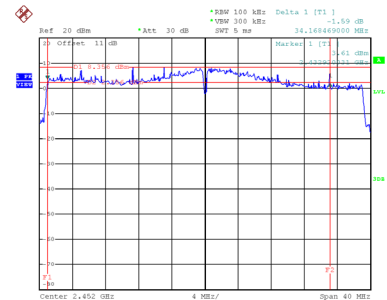
Date: 22.OCT.2025 23:12:35

CH06
6 dB Bandwidth



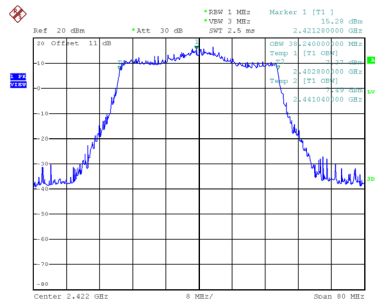
Date: 22.OCT.2025 23:14:06

CH09

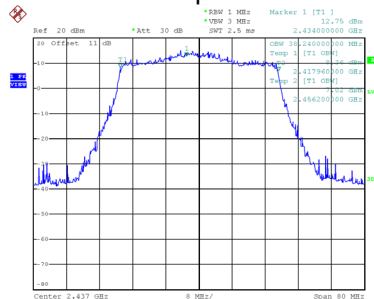


Date: 22.OCT.2025 23:15:51

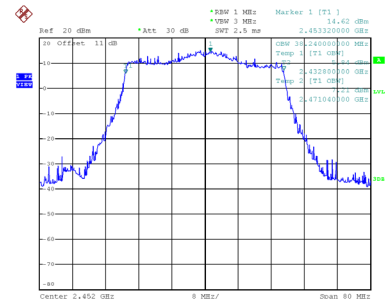
99 % Occupied Bandwidth



Date: 22.OCT.2025 23:13:02



Date: 22.OCT.2025 23:13:17



Date: 22.OCT.2025 23:13:58

APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_Ant. 1	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.56	0.15	22.71	30.00	1.0000	PASS
06	2437	22.61	0.15	22.76	30.00	1.0000	PASS
11	2462	22.51	0.15	22.66	30.00	1.0000	PASS

Test Mode	IEEE 802.11b_Ant. 2	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.77	0.15	22.92	30.00	1.0000	PASS
06	2437	22.83	0.15	22.98	30.00	1.0000	PASS
11	2462	22.72	0.15	22.87	30.00	1.0000	PASS

Test Mode	IEEE 802.11b_Total	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.83	30.00	1.0000	PASS
06	2437	25.89	30.00	1.0000	PASS
11	2462	25.78	30.00	1.0000	PASS

Test Mode	IEEE 802.11g_Ant. 1	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.15	0.16	22.31	30.00	1.0000	PASS
06	2437	22.79	0.16	22.95	30.00	1.0000	PASS
11	2462	22.56	0.16	22.72	30.00	1.0000	PASS

Test Mode	IEEE 802.11g_Ant. 2	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.23	0.16	22.39	30.00	1.0000	PASS
06	2437	22.82	0.16	22.98	30.00	1.0000	PASS
11	2462	22.93	0.16	23.09	30.00	1.0000	PASS

Test Mode	IEEE 802.11g_Total	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.36	30.00	1.0000	PASS
06	2437	25.98	30.00	1.0000	PASS
11	2462	25.92	30.00	1.0000	PASS

Test Mode	IEEE 802.11n (HT20) Mode_Ant. 1	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.34	0.00	21.34	30.00	1.0000	PASS
06	2437	22.64	0.00	22.64	30.00	1.0000	PASS
11	2462	21.68	0.00	21.68	30.00	1.0000	PASS

Test Mode	IEEE 802.11n (HT20) Mode_Ant. 2	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.68	0.00	21.68	30.00	1.0000	PASS
06	2437	22.94	0.00	22.94	30.00	1.0000	PASS
11	2462	21.75	0.00	21.75	30.00	1.0000	PASS

Test Mode	IEEE 802.11n (HT20) Mode_Total	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	24.52	30.00	1.0000	PASS
06	2437	25.80	30.00	1.0000	PASS
11	2462	24.73	30.00	1.0000	PASS

Test Mode	IEEE 802.11n (HT40) Mode_Ant. 1	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.36	0.00	20.36	30.00	1.0000	PASS
06	2437	22.66	0.00	22.66	30.00	1.0000	PASS
09	2452	18.10	0.00	18.10	30.00	1.0000	PASS

Test Mode	IEEE 802.11n (HT40) Mode_Ant. 2	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.34	0.00	20.34	30.00	1.0000	PASS
06	2437	22.89	0.00	22.89	30.00	1.0000	PASS
09	2452	18.46	0.00	18.46	30.00	1.0000	PASS

Test Mode	IEEE 802.11n (HT40) Mode_Total	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	23.36	30.00	1.0000	PASS
06	2437	25.79	30.00	1.0000	PASS
09	2452	21.29	30.00	1.0000	PASS

Test Mode	EEE 802.11be (EHT20)_Ant. 1	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.99	0.09	19.08	30.00	1.0000	PASS
06	2437	22.70	0.09	22.79	30.00	1.0000	PASS
11	2462	18.38	0.09	18.47	30.00	1.0000	PASS

Test Mode	EEE 802.11be (EHT20)_Ant. 2	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.50	0.09	19.59	30.00	1.0000	PASS
06	2437	22.53	0.09	22.62	30.00	1.0000	PASS
11	2462	18.85	0.09	18.94	30.00	1.0000	PASS

Test Mode	EEE 802.11be (EHT20)_Total	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.36	30.00	1.0000	PASS
06	2437	25.72	30.00	1.0000	PASS
11	2462	21.73	30.00	1.0000	PASS

Test Mode	EEE 802.11be (EHT40)_Ant. 1	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.22	0.09	19.31	30.00	1.0000	PASS
06	2437	22.76	0.09	22.85	30.00	1.0000	PASS
09	2452	17.98	0.09	18.07	30.00	1.0000	PASS

Test Mode	EEE 802.11be (EHT40)_Ant. 2	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.20	0.09	19.29	30.00	1.0000	PASS
06	2437	22.56	0.09	22.65	30.00	1.0000	PASS
09	2452	17.97	0.09	18.06	30.00	1.0000	PASS

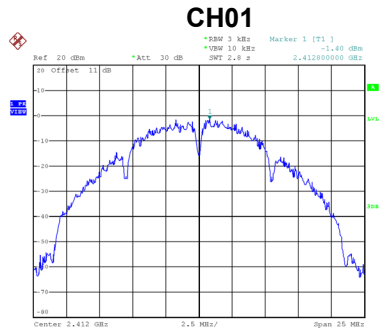
Test Mode	EEE 802.11be (EHT40)_Total	Test Date	2025/12/26
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	22.31	30.00	1.0000	PASS
06	2437	25.76	30.00	1.0000	PASS
09	2452	21.08	30.00	1.0000	PASS

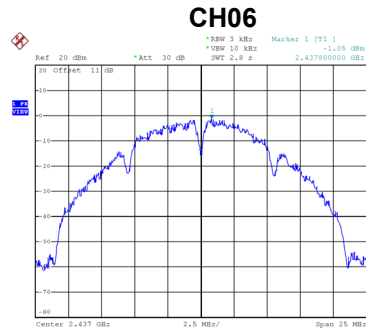
APPENDIX F POWER SPECTRAL DENSITY

Test Mode	IEEE 802.11b_Ant. 1
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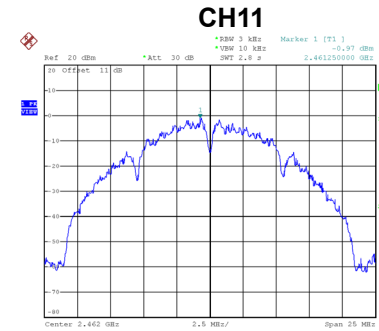
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-1.40	8.00	PASS
06	2437	-1.05	8.00	PASS
11	2462	-0.97	8.00	PASS



Date: 22.OCT.2025 22:27:49



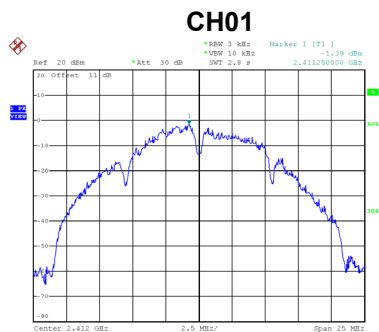
Date: 22.OCT.2025 22:29:55



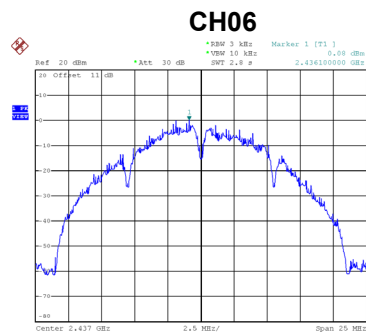
Date: 22.OCT.2025 22:32:35

Test Mode	IEEE 802.11b_Ant. 2
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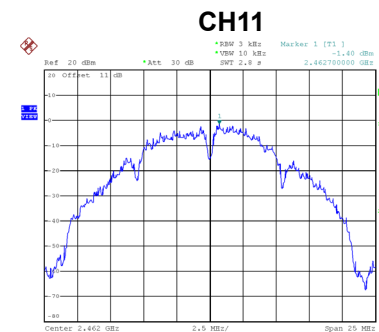
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-1.39	8.00	PASS
06	2437	0.08	8.00	PASS
11	2462	-1.40	8.00	PASS



Date: 22.OCT.2025 21:14:42



Date: 22.OCT.2025 21:16:51



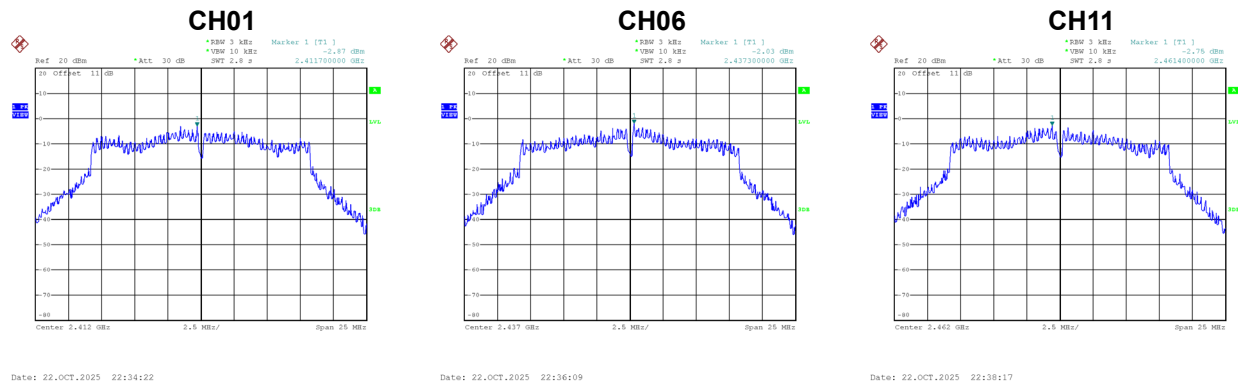
Date: 22.OCT.2025 21:19:22

Test Mode	IEEE 802.11b_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	1.62	8.00	PASS
06	2437	2.56	8.00	PASS
11	2462	1.83	8.00	PASS

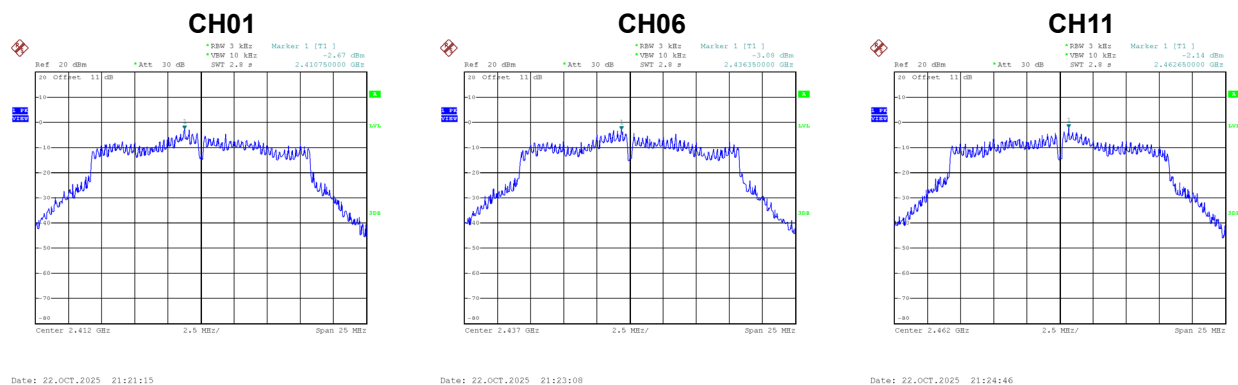
Test Mode	IEEE 802.11g_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-2.87	8.00	PASS
06	2437	-2.03	8.00	PASS
11	2462	-2.75	8.00	PASS



Test Mode	IEEE 802.11g_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-2.67	8.00	PASS
06	2437	-3.08	8.00	PASS
11	2462	-2.14	8.00	PASS

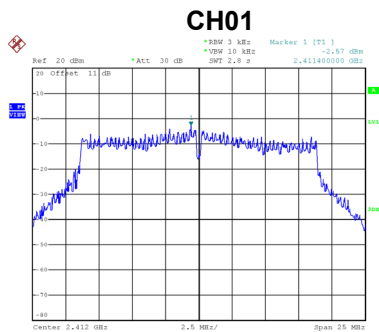


Test Mode	IEEE 802.11g_Total
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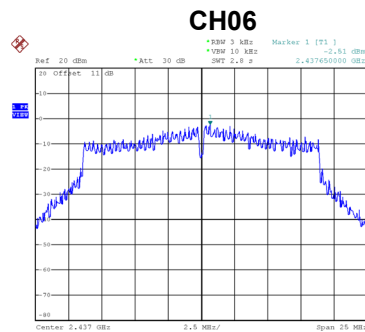
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	0.24	8.00	PASS
06	2437	0.49	8.00	PASS
11	2462	0.58	8.00	PASS

Test Mode	IEEE 802.11n (HT20) Mode_Ant. 1
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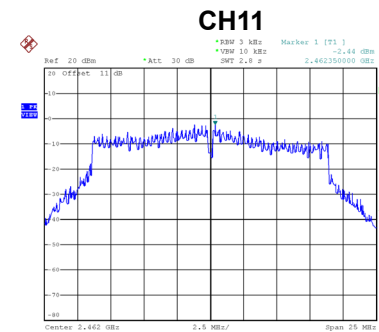
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-2.57	8.00	PASS
06	2437	-2.51	8.00	PASS
11	2462	-2.44	8.00	PASS



Date: 22.OCT.2025 22:40:55



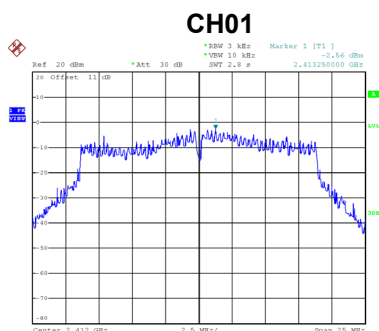
Date: 22.OCT.2025 22:43:29



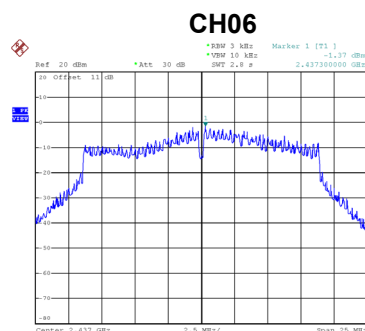
Date: 22.OCT.2025 22:45:29

Test Mode	IEEE 802.11n (HT20) Mode_Ant. 2
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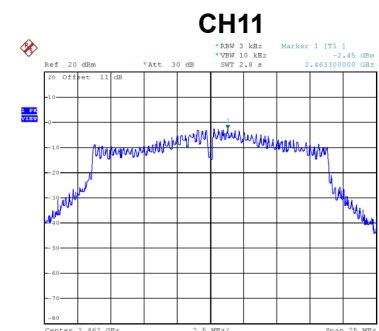
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-2.56	8.00	PASS
06	2437	-1.37	8.00	PASS
11	2462	-2.45	8.00	PASS



Date: 22.OCT.2025 21:26:39



Date: 22.OCT.2025 21:28:41



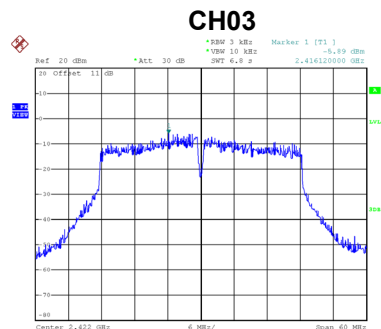
Date: 22.OCT.2025 21:30:37

Test Mode	IEEE 802.11n (HT20) Mode_Total
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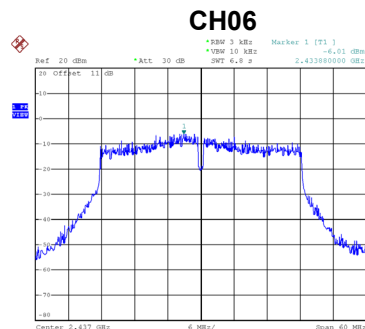
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	0.45	8.00	PASS
06	2437	1.11	8.00	PASS
11	2462	0.57	8.00	PASS

Test Mode	IEEE 802.11n (HT40) Mode_Ant. 1
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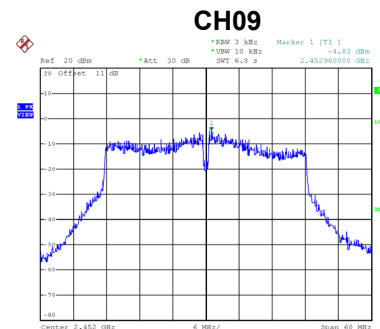
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-5.89	8.00	PASS
06	2437	-6.01	8.00	PASS
09	2452	-4.83	8.00	PASS



Date: 22.OCT.2025 22:47:22



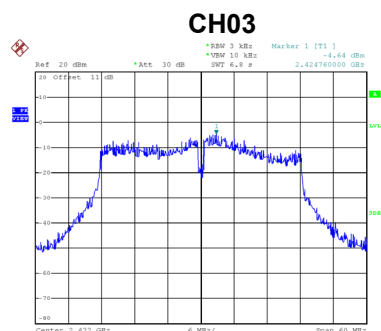
Date: 22.OCT.2025 22:49:15



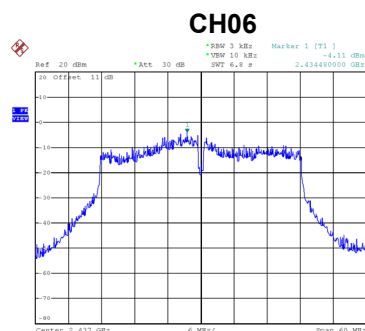
Date: 22.OCT.2025 22:51:00

Test Mode	IEEE 802.11n (HT40) Mode_Ant. 2
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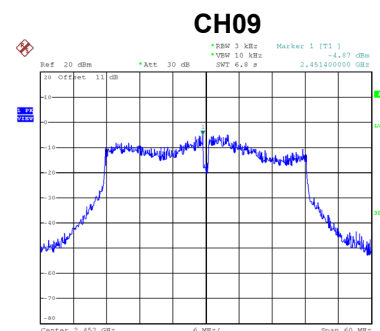
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-4.64	8.00	PASS
06	2437	-4.11	8.00	PASS
09	2452	-4.87	8.00	PASS



Date: 22.OCT.2025 21:32:48



Date: 22.OCT.2025 21:34:40



Date: 22.OCT.2025 21:44:33

Test Mode	IEEE 802.11n (HT40) Mode_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
03	2422	-2.21	8.00	PASS
06	2437	-1.95	8.00	PASS
09	2452	-1.84	8.00	PASS