

FCC Radio Test Report

FCC ID: 2BH7FC645D

Report No. : BTL-FCCP-2-2508C413
Equipment : Battery-Powered Dual-Lens Pan/Tilt Security Camera
Model Name : Tapo C645D
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 : ANSI C63.10-2020
Procedure(s)

Date of Receipt : 2025/8/29
Date of Test : 2025/8/29 ~ 2025/10/15
Issued Date : 2025/11/5

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

Prepared by :

Poken Huang

Poken Huang, Engineer

Approved by :

Eric Lee

Eric Lee, Supervisor



BTL Inc.

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

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

Declaration

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

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

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

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2508C413	R00	Original Report.	2025/11/5	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)

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 DN: TW0659)

☒ C01 ☒ CB20 ☒ TR01

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 $y \pm U$, 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 %**.

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	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	86 %
Output power	0.8412 dB
Power Spectral Density	0.8602 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.

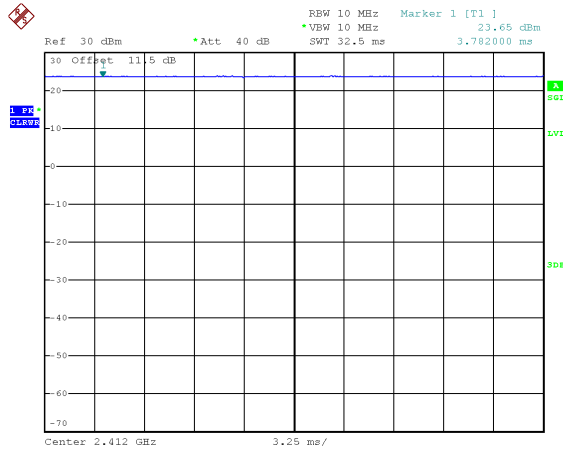
1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25 °C, 45 %	AC 120V	Ken Lan
Radiated emissions below 1 GHz	Refer to data	DC 5V	Benny Cao
Radiated emissions above 1 GHz	Refer to data	DC 5V	Benny Cao
Bandwidth	25 °C, 50 %	DC 5V	Cheng Tsai
Output Power	25 °C, 60 %	DC 5V	Mason Mo
Power Spectral Density	25 °C, 50 %	DC 5V	Cheng Tsai
Antenna conducted Spurious Emission	25 °C, 50 %	DC 5V	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.

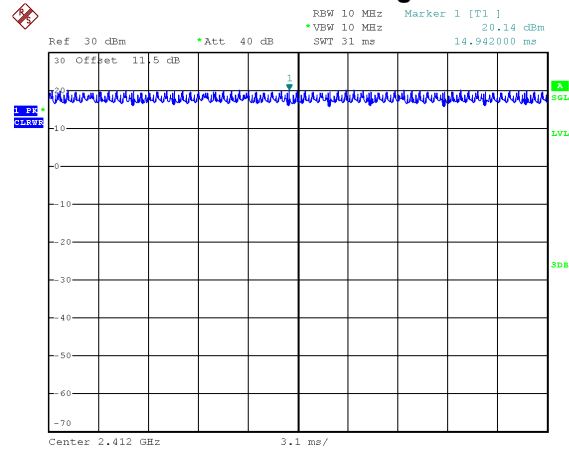
IEEE 802.11b



Date: 30.SEP.2025 18:57:48

Duty cycle = $100.000 \text{ ms} / 100.000 \text{ ms} = 100\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00$

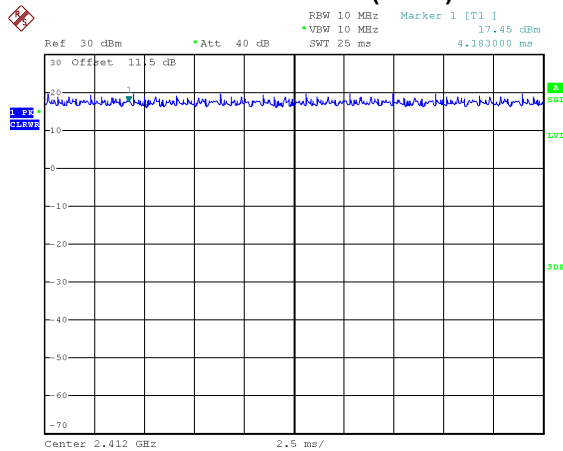
IEEE 802.11g



Date: 30.SEP.2025 18:58:34

Duty cycle = $100.000 \text{ ms} / 100.000 \text{ ms} = 100\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00$

IEEE 802.11n (HT20)



Date: 30.SEP.2025 18:59:19

Duty cycle = $100.000 \text{ ms} / 100.000 \text{ ms} = 100\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00$

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 1 kHz.

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 1 kHz.

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.

1.5 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

Test Software Version	IPOP_V4.0		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	109	114	110
IEEE 802.11g	102	102	104
IEEE 802.11n (HT20)	102	111	106

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Battery-Powered Dual-Lens Pan/Tilt Security Camera
Model Name	Tapo C645D
Brand Name	tp-link, tapo
Model Difference(s)	N/A
Hardware Version	1.0
Software Version	1.X
Power Source	1) DC voltage supplied from AC adapter (support unit). 2) Supplied from Solar Panel. 3) Supplied from Lithium-ion battery. 1# Model: LR1865HB 2# Model: CMICR18650F9
Power Rating	1) 2) 5V --- 2A 3) 1#3.6V 3250 mAh 11.7Wh*3 2#3.6V 3350 mAh*3
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
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 72.2 Mbps
Maximum Output Power	IEEE 802.11n (HT20): 26.05 dBm (0.4027 W)
Test Model	Tapo C645D
Sample Status	Engineering Sample

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:

Antenna	Manufacturer	P/N	Type	Connector	Gain (dBi)
1	TP-Link Systems Inc.	Tapo C645D 1.0	Dipole	N/A	0
2	TP-Link Systems Inc.	Tapo C645D 1.0	Dipole	N/A	0

Remark:

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

2) The two antennas are exactly the same, and Ant. 1 is the worst case and recorded.

(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	-	-
Transmitter Radiated Emissions (below 1GHz)	IEEE 802.11n (HT20)	06	-
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/11	Bandedge
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/06/11	Harmonic
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
Transmitter Radiated Emissions (above 18GHz)	IEEE 802.11n (HT20)	06	-
Bandwidth & Output Power & Power Spectral Density & Antenna conducted Spurious Emission	IEEE 802.11b	01/06/11	-
	IEEE 802.11g		
	IEEE 802.11n (HT20)		

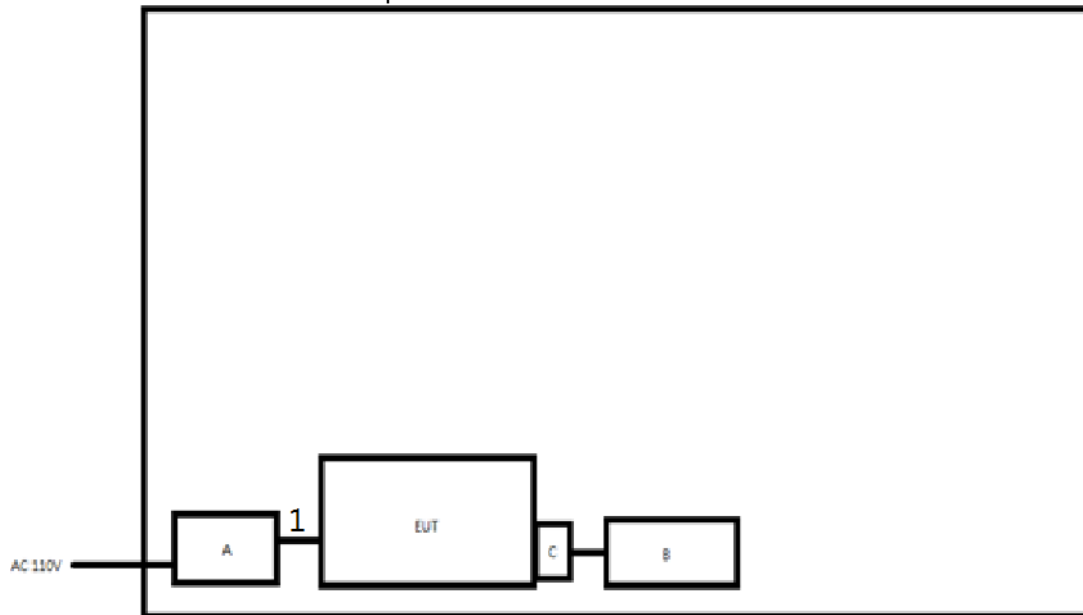
NOTE:

- (1) For radiated emission above 1GHz test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (2) For radiated emission above 18GHz test, only tested and recorded the worst case.
- (3) For radiated emission below 1GHz test, three power supply methods are evaluated, in this report only recorded the worst case.

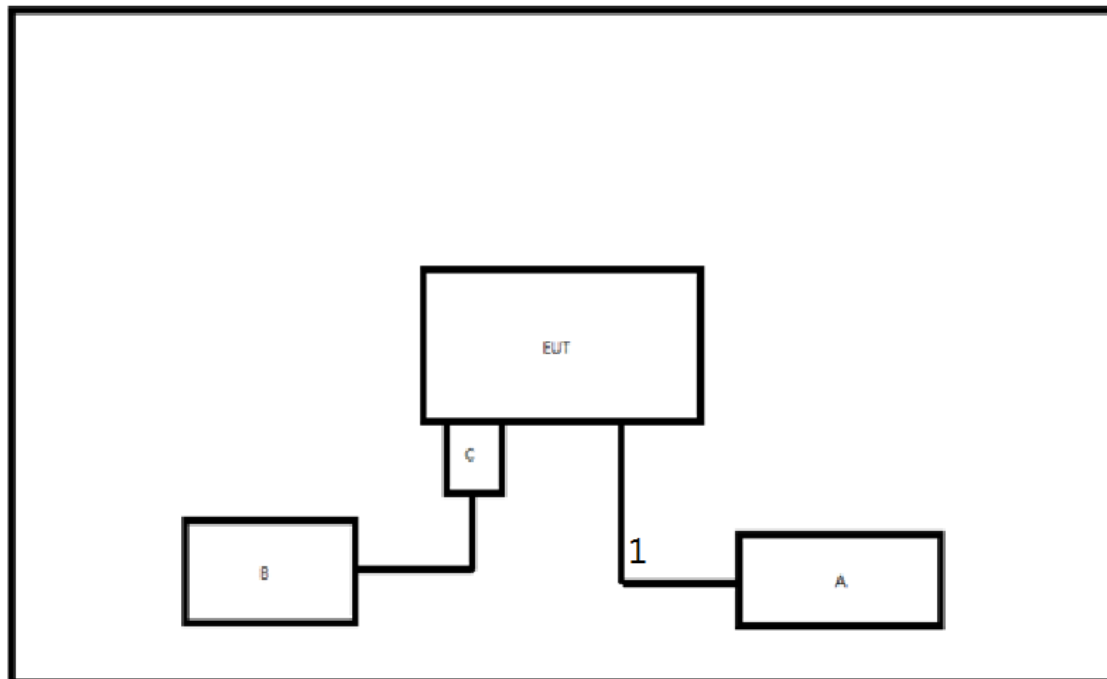
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

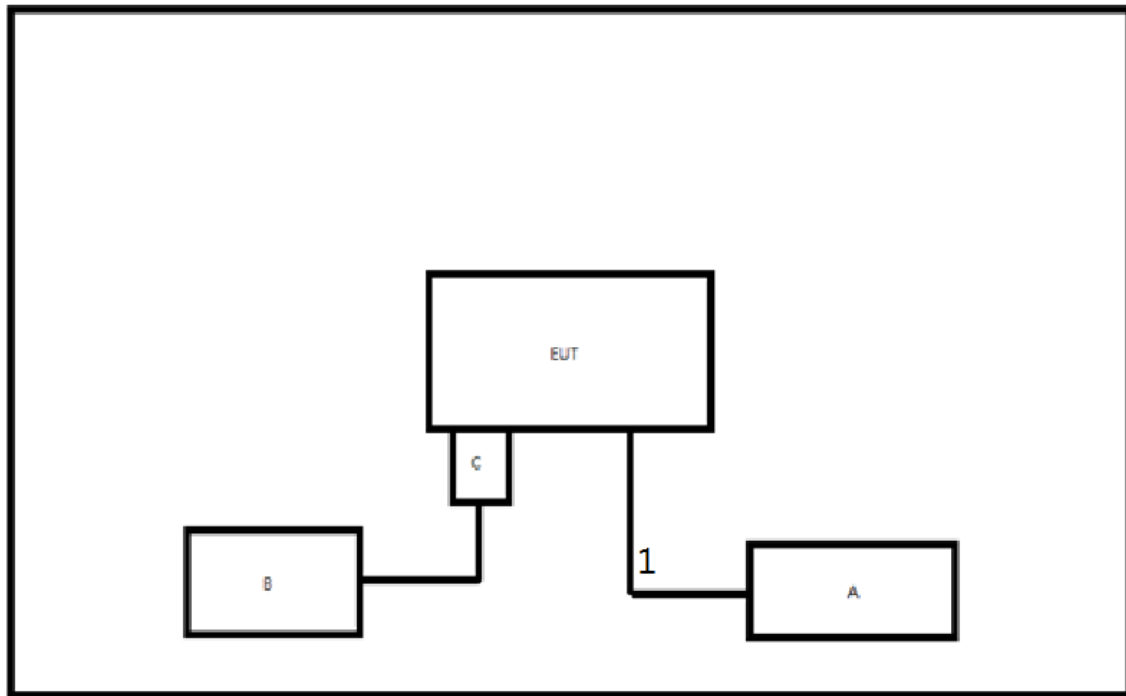
AC power line conducted emissions



Radiated Emissions Below 1GHz



Radiated Emissions Above 1GHz



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	DVE	DSA-10PF06-05 FUS 052200	N/A	Supplied by test requester
B	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.
C	Fixture	UART STC	CP2102	N/A	Furnished by test lab.

Item	Cable Type	Shielded	Ferrite Core	Length	Remarks
1	Type-C Cable	NO	NO	0.5m	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.

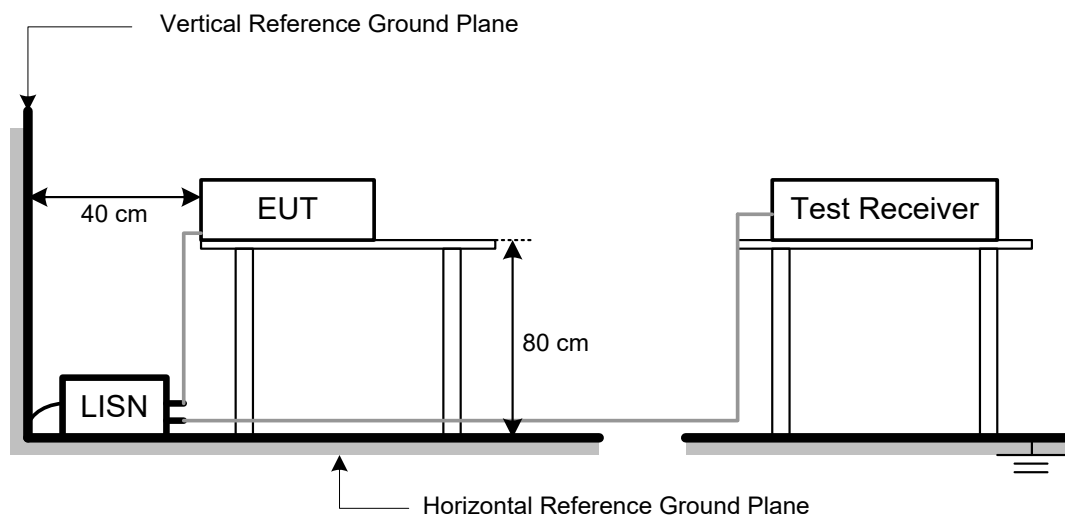
NOTE:

- (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 Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

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

Margin Level = Measurement Value - Limit Value

Calculation example:

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

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

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

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

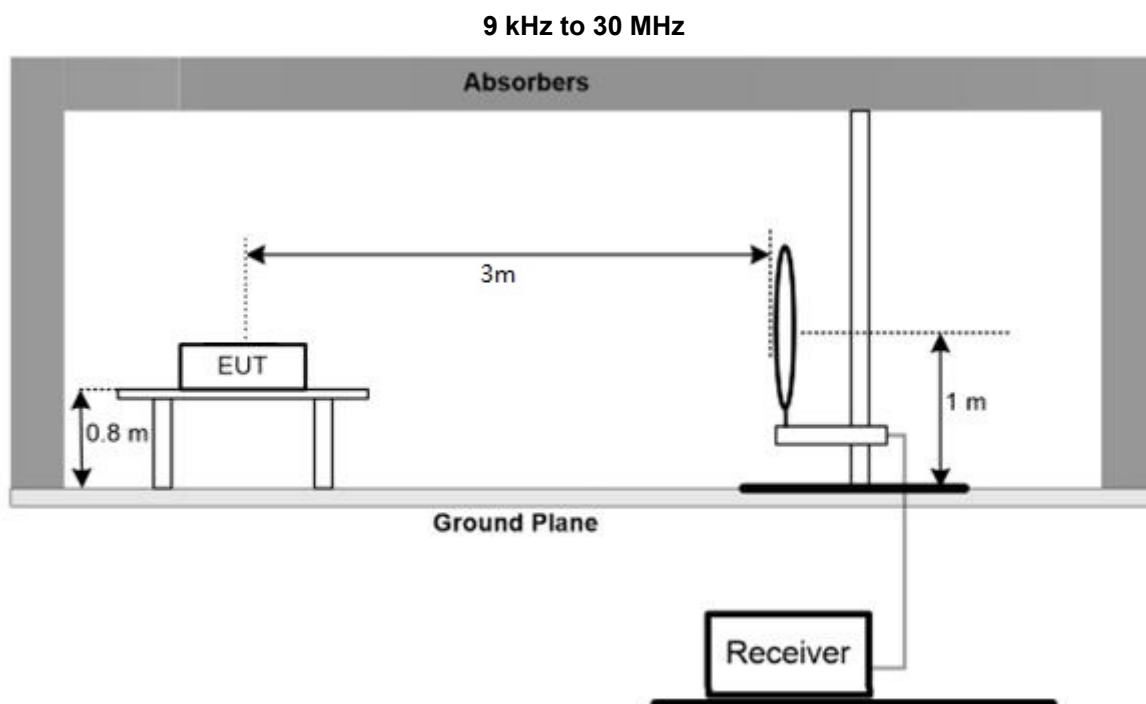
4.2 TEST PROCEDURE

- The measuring distance of 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.

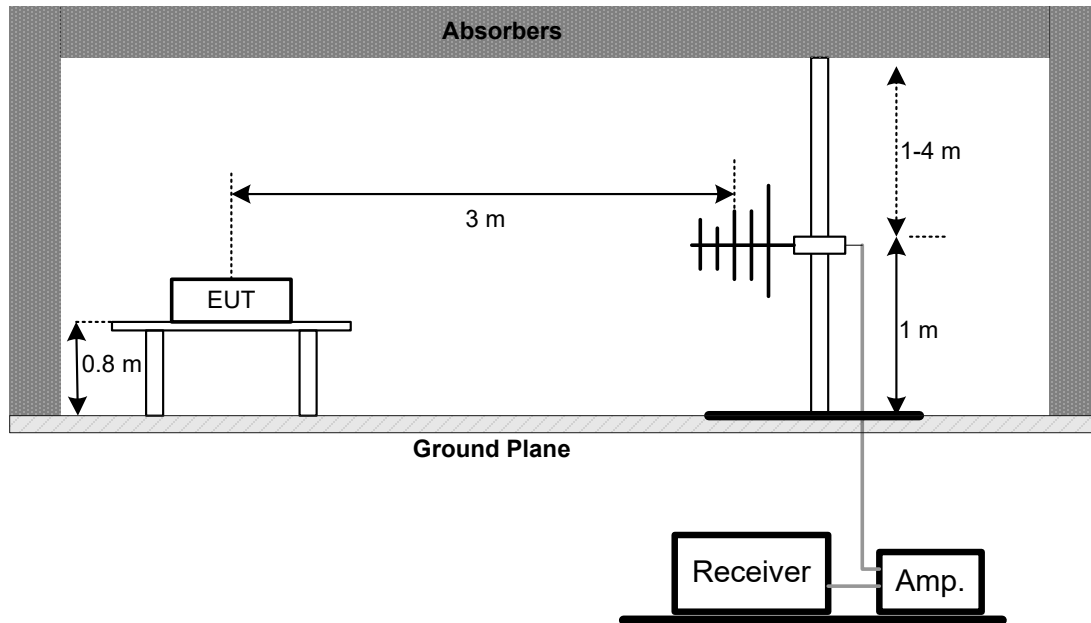
4.3 DEVIATION FROM TEST STANDARD

No deviation.

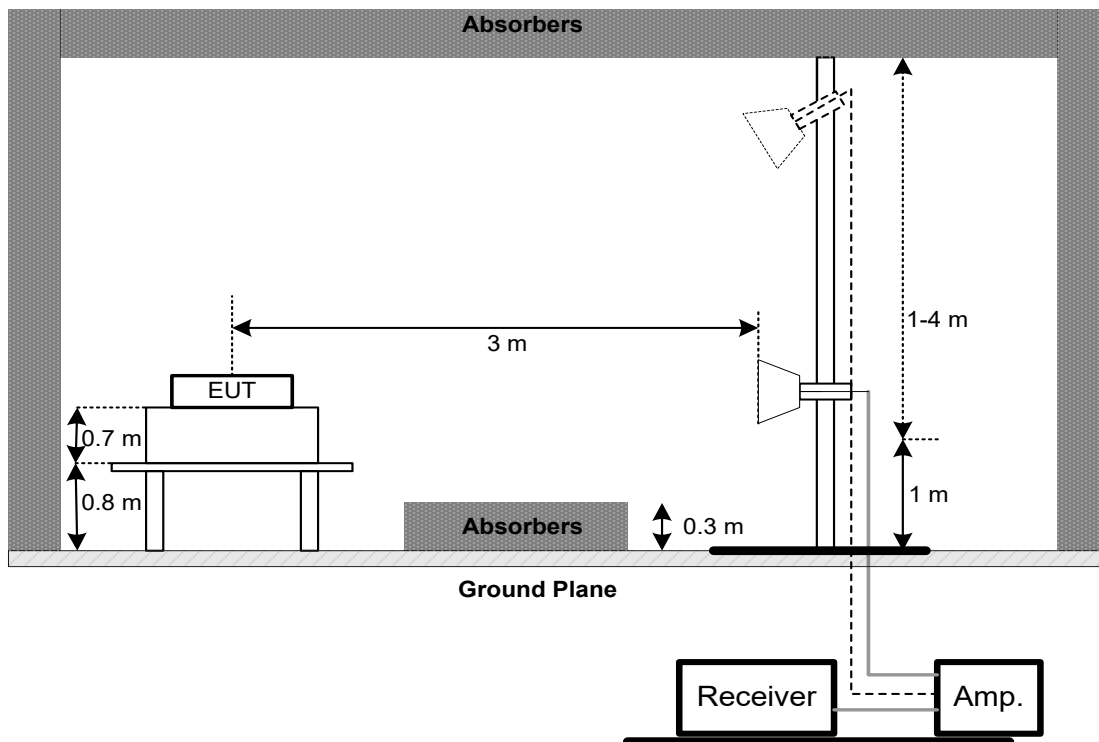
4.4 TEST SETUP



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

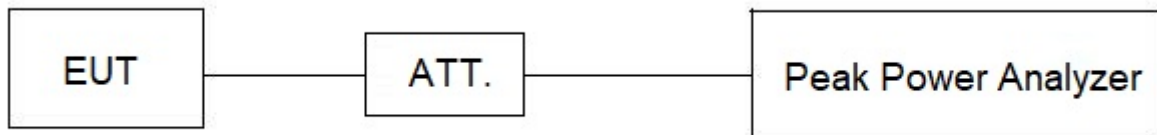
6.2 TEST PROCEDURE

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

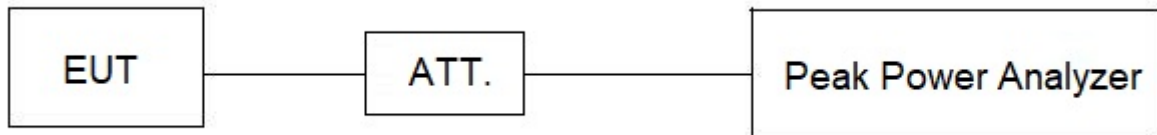
7.2 TEST PROCEDURE

- 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	Two-Line V-Network	R&S	ENV216	101051	2025/6/26	2026/6/25
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2024/12/10	2025/12/9
3	EMC Receiver	Keysight	N9038A	MY54130009	2025/6/27	2026/6/26
4	Measurement Software	Farad	EZ EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2024/12/4	2025/12/3
2	EMC Receiver	Keysight	N9038A	MY54130009	2025/6/25	2026/6/24
3	Pre-Amplifier	EMCI	EMC001330-202 01222	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-N M-NM-8000	200348	2024/12/9	2025/12/8
6	Test Cable	EMCI	EMC-CFD-400-N M-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	2025/11/23
13	Pre-Amplifier	EMCI	EMC184045SE	980512	2024/12/10	2025/12/9
14	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2025/6/27	2026/6/26
15	Test Cable	EMCI	EMC102-KM-KM-1000	220328	2024/12/10	2025/12/9
16	Test Cable	EMCI	EMC101G-KM-K M-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 & Power Spectral Density & Output Power & 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	2025/6/27	2026/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	BTL-ConductedTest	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

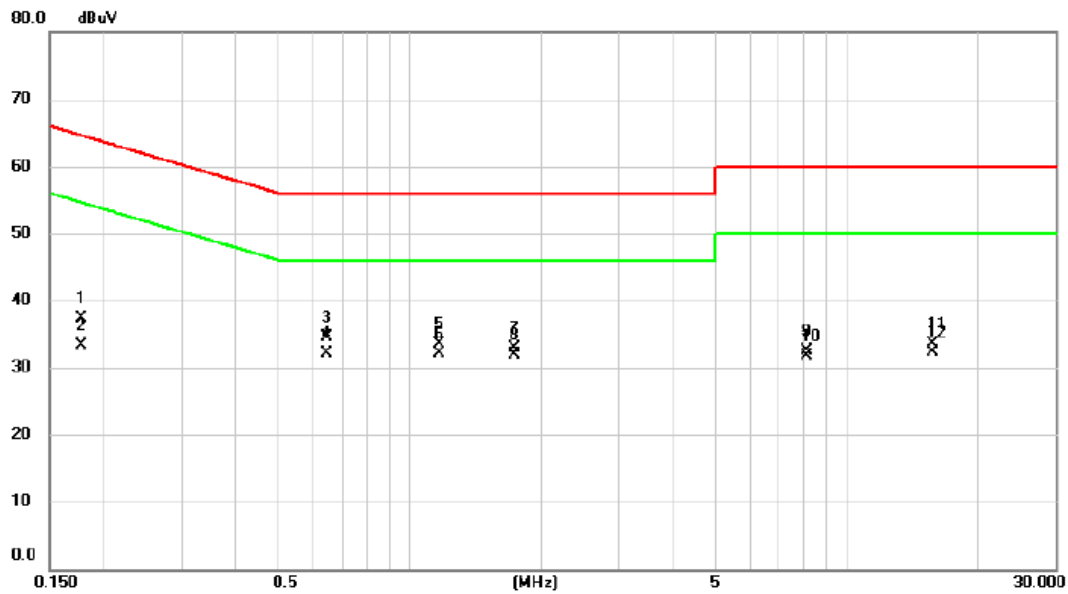
Please refer to document Appendix No.: TP-2508C413-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2508C413-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2025/9/3
Test Frequency	-	Phase	Line

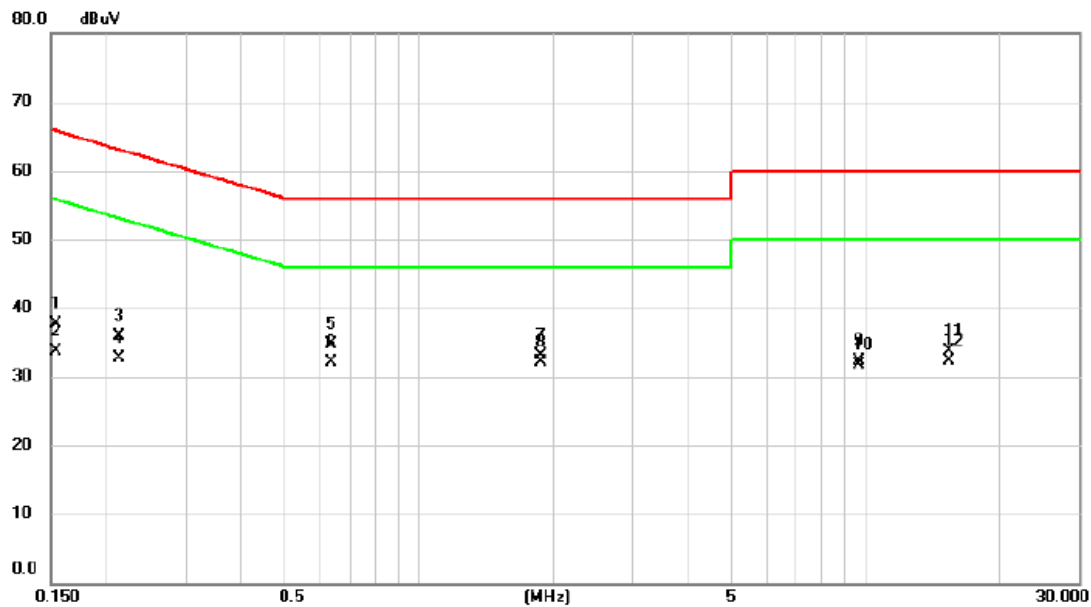


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1768	27.70	9.51	37.21	64.63	-27.42	QP	
2		0.1768	23.73	9.51	33.24	54.63	-21.39	AVG	
3		0.6440	25.07	9.53	34.60	56.00	-21.40	QP	
4	*	0.6440	22.55	9.53	32.08	46.00	-13.92	AVG	
5		1.1705	23.86	9.55	33.41	56.00	-22.59	QP	
6		1.1705	22.47	9.55	32.02	46.00	-13.98	AVG	
7		1.7375	23.25	9.61	32.86	56.00	-23.14	QP	
8		1.7375	22.35	9.61	31.96	46.00	-14.04	AVG	
9		8.1000	22.74	9.79	32.53	60.00	-27.47	QP	
10		8.1000	22.00	9.79	31.79	50.00	-18.21	AVG	
11		15.7250	23.55	10.00	33.55	60.00	-26.45	QP	
12		15.7250	22.26	10.00	32.26	50.00	-17.74	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2025/9/3
Test Frequency	-	Phase	Neutral



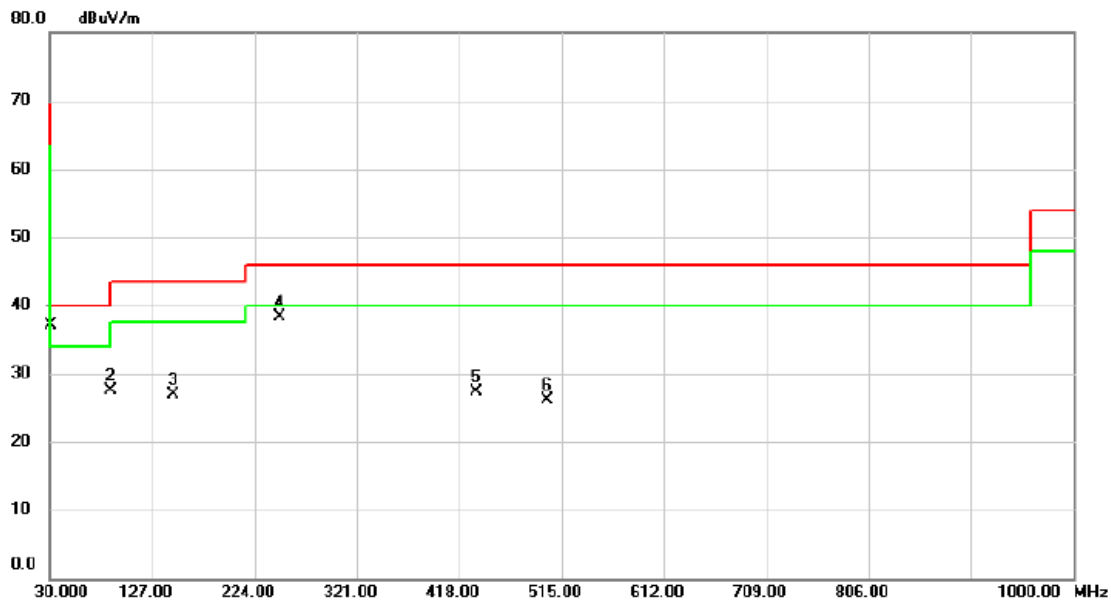
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1535	28.24	9.55	37.79	65.81	-28.02	QP	
2		0.1535	24.23	9.55	33.78	55.81	-22.03	AVG	
3		0.2126	26.28	9.56	35.84	63.10	-27.26	QP	
4		0.2126	23.16	9.56	32.72	53.10	-20.38	AVG	
5		0.6350	25.17	9.57	34.74	56.00	-21.26	QP	
6	*	0.6350	22.47	9.57	32.04	46.00	-13.96	AVG	
7		1.8725	23.44	9.63	33.07	56.00	-22.93	QP	
8		1.8725	22.39	9.63	32.02	46.00	-13.98	AVG	
9		9.6500	22.49	9.88	32.37	60.00	-27.63	QP	
10		9.6500	21.86	9.88	31.74	50.00	-18.26	AVG	
11		15.4000	23.64	10.08	33.72	60.00	-26.28	QP	
12		15.4000	22.27	10.08	32.35	50.00	-17.65	AVG	

REMARKS:

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/9/2
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

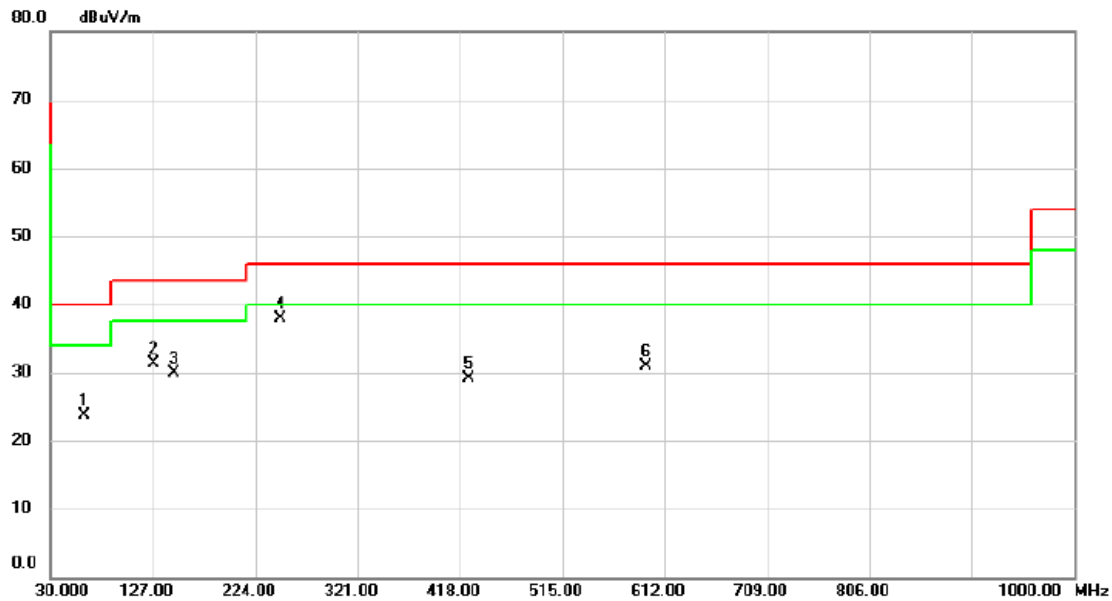


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	30.0000	51.00	-13.93	37.07	40.00	-2.93	peak	
2		87.2300	44.33	-16.78	27.55	40.00	-12.45	peak	
3		146.4000	38.22	-11.31	26.91	43.50	-16.59	peak	
4		248.2500	50.11	-11.83	38.28	46.00	-7.72	peak	
5		433.5200	33.40	-6.09	27.31	46.00	-18.69	peak	
6		501.4200	30.92	-4.91	26.01	46.00	-19.99	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/9/2
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		62.0100	35.72	-12.10	23.62	40.00	-16.38	peak	
2		127.0000	44.52	-13.24	31.28	43.50	-12.22	peak	
3		147.3700	41.22	-11.22	30.00	43.50	-13.50	peak	
4	*	248.2500	49.68	-11.83	37.85	46.00	-8.15	peak	
5		426.7300	35.40	-6.26	29.14	46.00	-16.86	peak	
6		594.5400	33.44	-2.46	30.98	46.00	-15.02	peak	

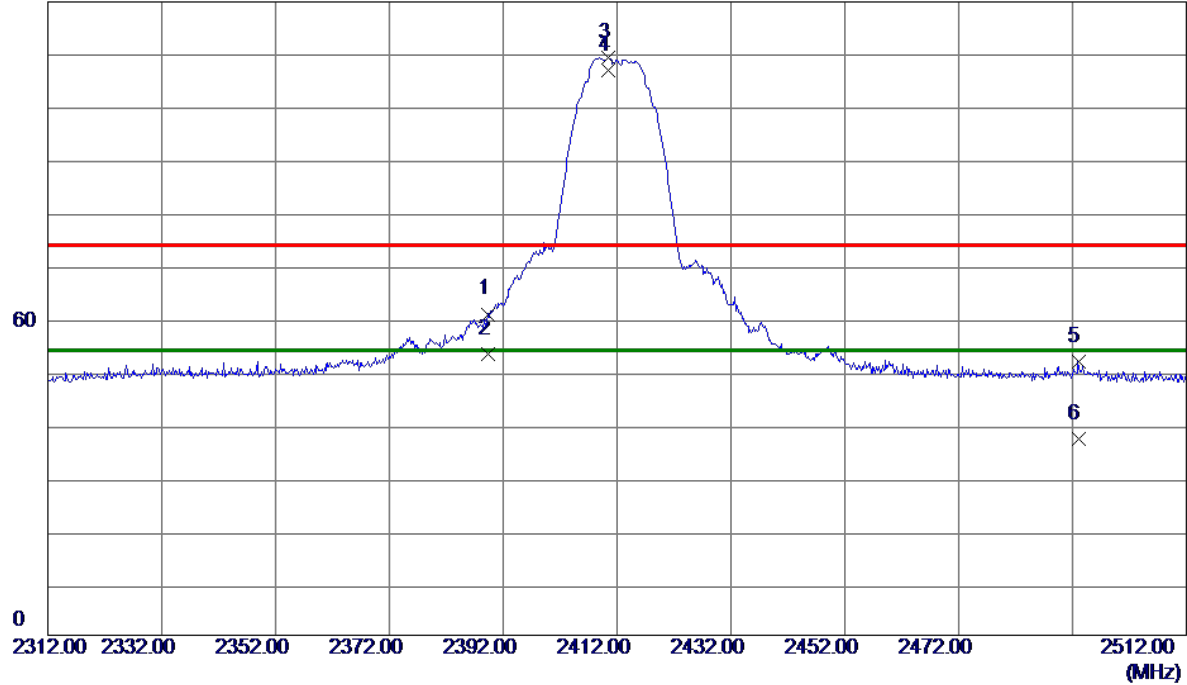
REMARKS:

- (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	2025/9/2
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	2389.4000	55.60	5.24	60.84	74.00	-13.16	Peak	
2	2389.4000	47.93	5.24	53.17	54.00	-0.83	AVG	
3	2410.4000	104.14	5.28	109.42	74.00	35.42	Peak	No Limit
4 *	2410.4000	101.79	5.28	107.07	54.00	53.07	AVG	No Limit
5	2493.0000	46.35	5.43	51.78	74.00	-22.22	Peak	
6	2493.0000	31.79	5.43	37.22	54.00	-16.78	AVG	

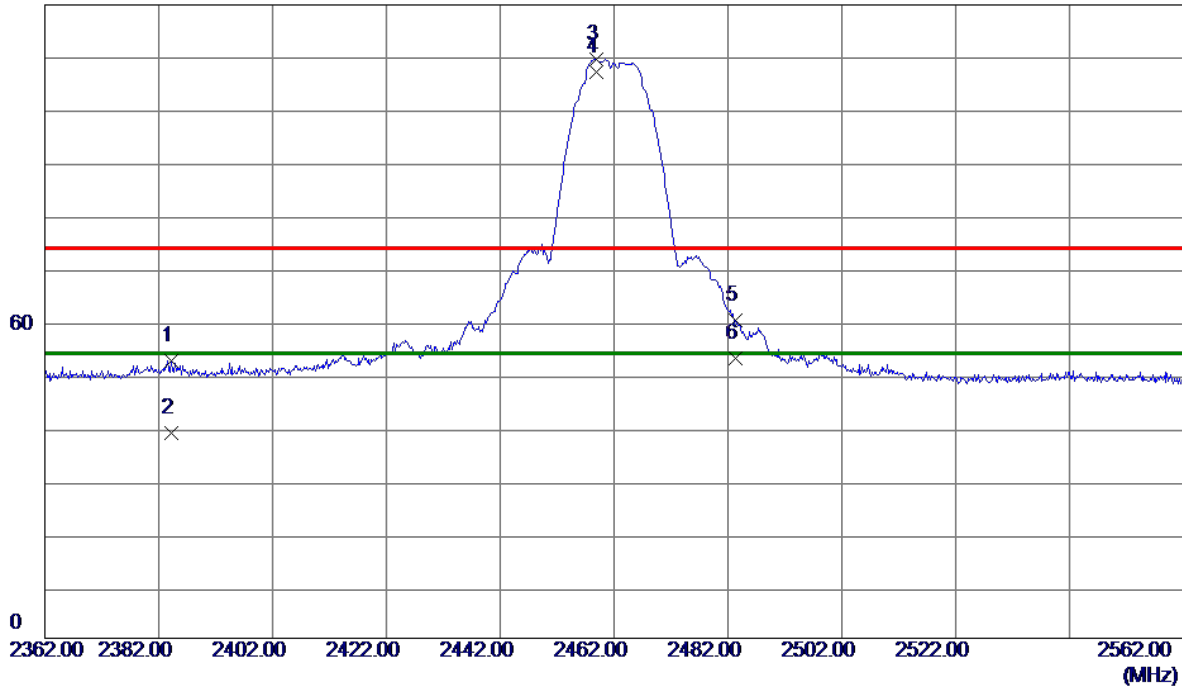
REMARKS:

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

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

Test Mode	IEEE 802.11b	Test Date	2025/9/2
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	2384.2000	47.30	5.23	52.53	74.00	-21.47	Peak	
2	2384.2000	33.55	5.23	38.78	54.00	-15.22	AVG	
3	2458.8000	104.37	5.37	109.74	74.00	35.74	Peak	No Limit
4 *	2458.8000	101.86	5.37	107.23	54.00	53.23	AVG	No Limit
5	2483.4000	54.76	5.41	60.17	74.00	-13.83	Peak	
6	2483.4000	47.68	5.41	53.09	54.00	-0.91	AVG	

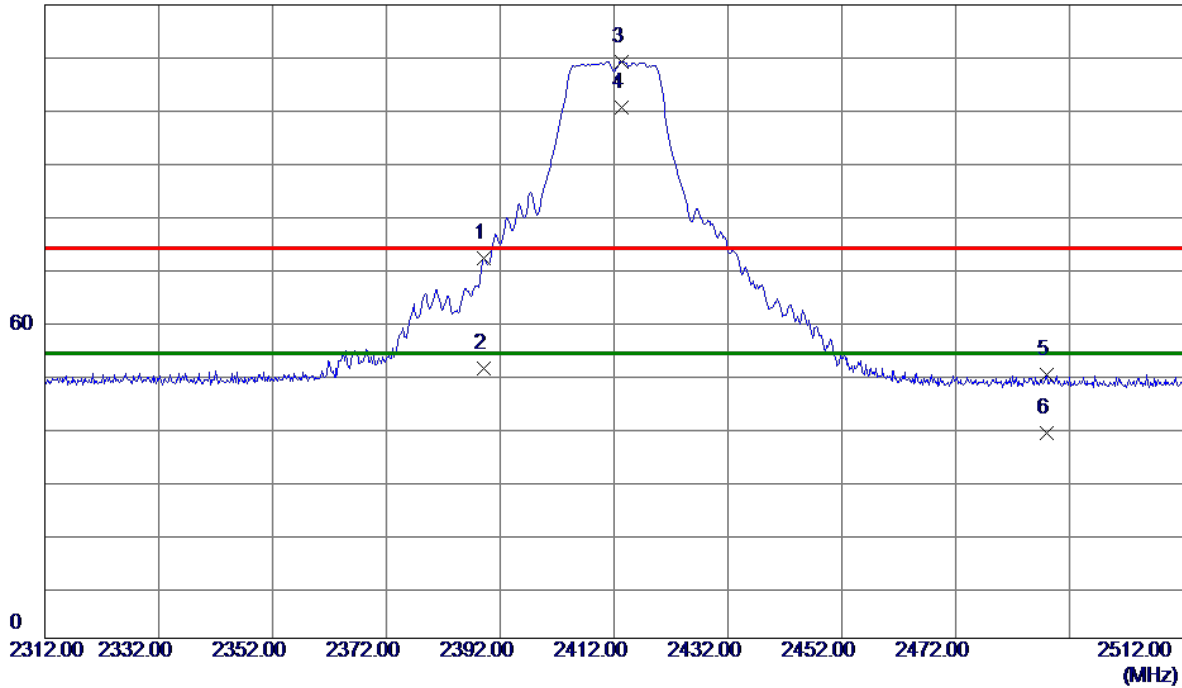
REMARKS:

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

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

Test Mode	IEEE 802.11g	Test Date	2025/9/2
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	2389.2000	66.83	5.24	72.07	74.00	-1.93	Peak	
2	2389.2000	45.99	5.24	51.23	54.00	-2.77	AVG	
3	2413.4000	104.01	5.28	109.29	74.00	35.29	Peak	No Limit
4 *	2413.4000	95.23	5.28	100.51	54.00	46.51	AVG	No Limit
5	2488.0000	44.50	5.42	49.92	74.00	-24.08	Peak	
6	2488.0000	33.51	5.42	38.93	54.00	-15.07	AVG	

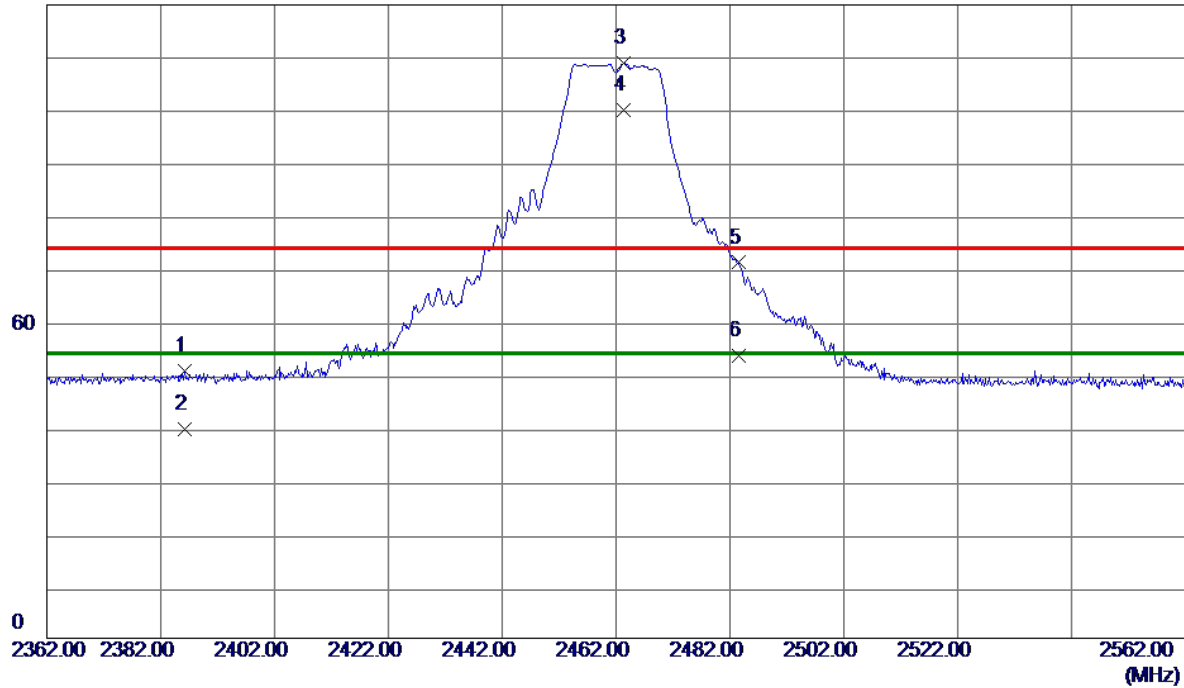
REMARKS:

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

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

Test Mode	IEEE 802.11g	Test Date	2025/9/2
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	2386.2000	45.52	5.24	50.76	74.00	-23.24	Peak	
2	2386.2000	34.38	5.24	39.62	54.00	-14.38	AVG	
3	2463.4000	103.54	5.37	108.91	74.00	34.91	Peak	No Limit
4 *	2463.4000	94.79	5.37	100.16	54.00	46.16	AVG	No Limit
5	2483.6000	65.75	5.41	71.16	74.00	-2.84	Peak	
6	2483.6000	48.10	5.41	53.51	54.00	-0.49	AVG	

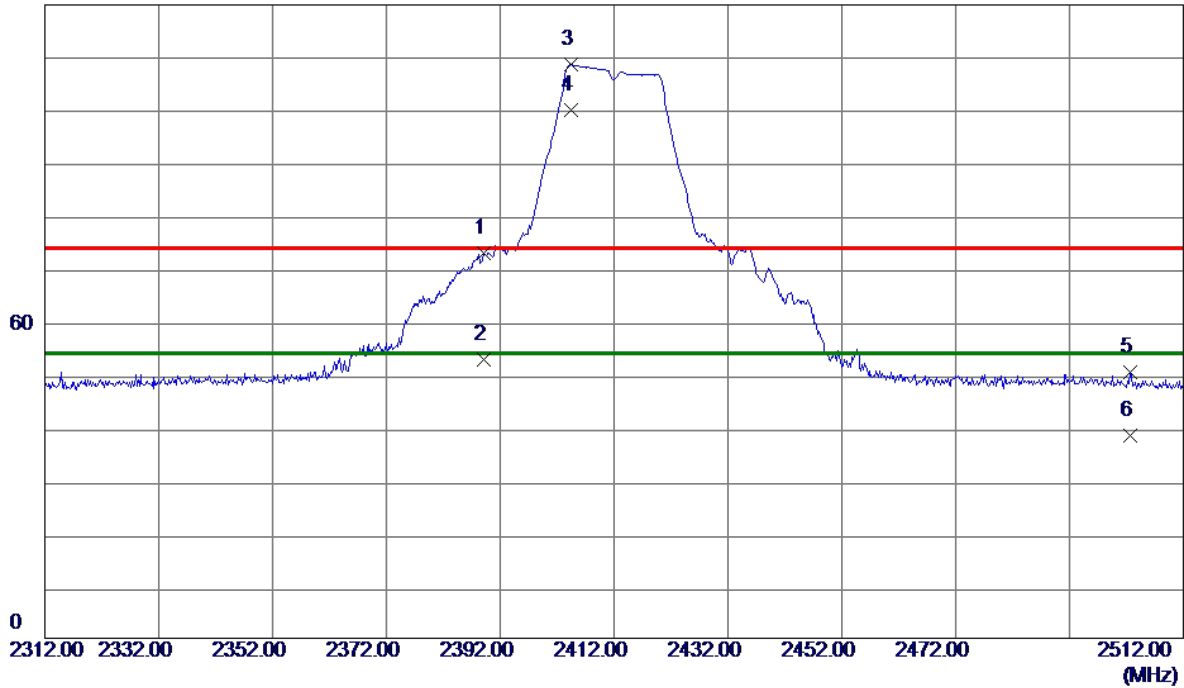
REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/9/2
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	2389.2000	67.83	5.24	73.07	74.00	-0.93	Peak	
2	2389.2000	47.52	5.24	52.76	54.00	-1.24	AVG	
3	2404.4000	103.42	5.27	108.69	74.00	34.69	Peak	No Limit
4 *	2404.4000	94.90	5.27	100.17	54.00	46.17	AVG	No Limit
5	2502.6000	44.90	5.45	50.35	74.00	-23.65	Peak	
6	2502.6000	32.95	5.45	38.40	54.00	-15.60	AVG	

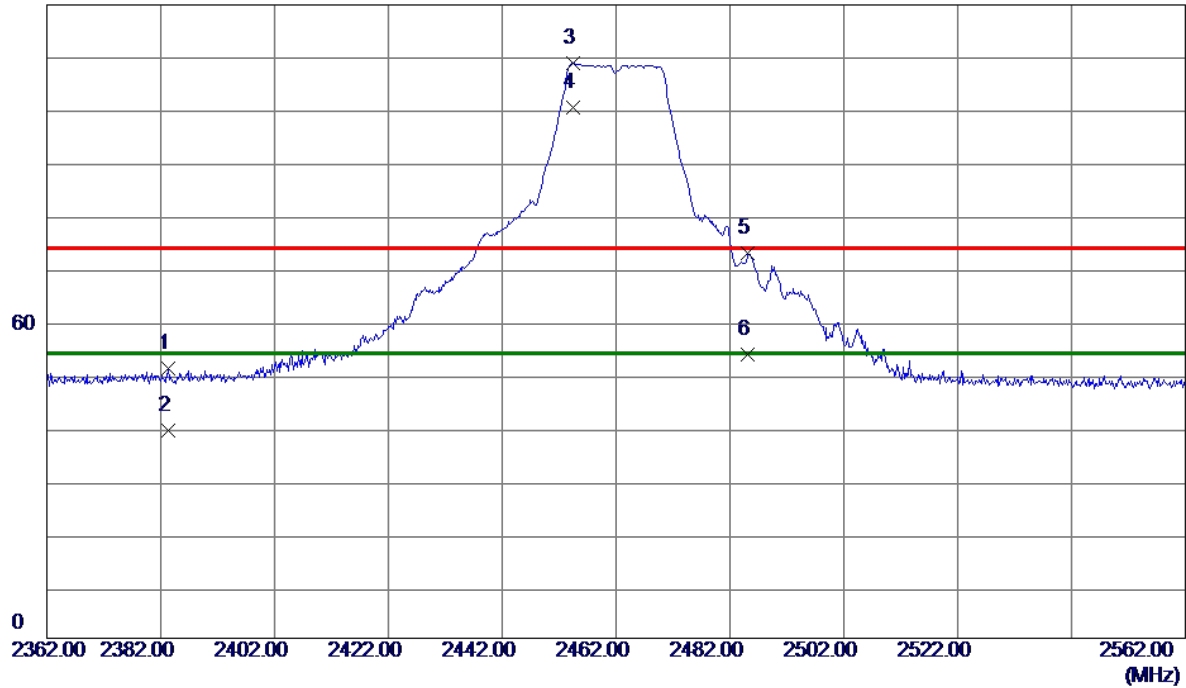
REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/9/2
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	2383.4000	45.92	5.23	51.15	74.00	-22.85	Peak	
2	2383.4000	34.05	5.23	39.28	54.00	-14.72	AVG	
3	2454.4000	103.56	5.36	108.92	74.00	34.92	Peak	No Limit
4 *	2454.4000	95.12	5.36	100.48	54.00	46.48	AVG	No Limit
5	2485.2000	67.63	5.41	73.04	74.00	-0.96	Peak	
6	2485.2000	48.30	5.41	53.71	54.00	-0.29	AVG	

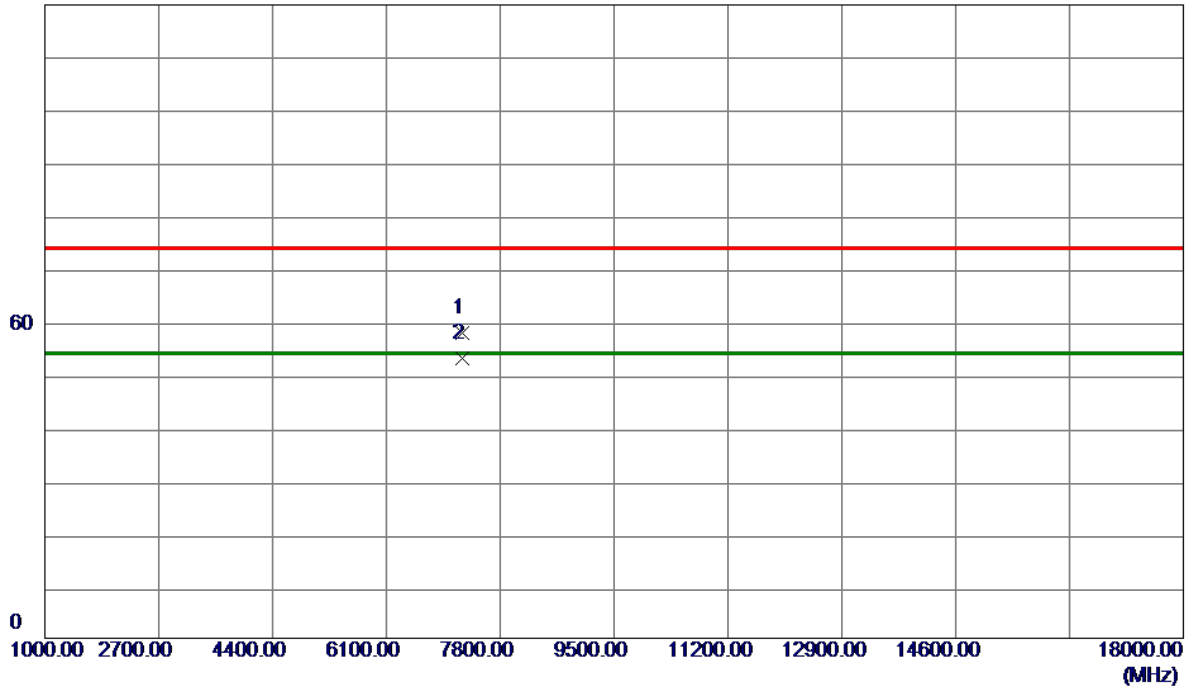
REMARKS:

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

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

Test Mode	IEEE 802.11b	Test Date	2025/9/2
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



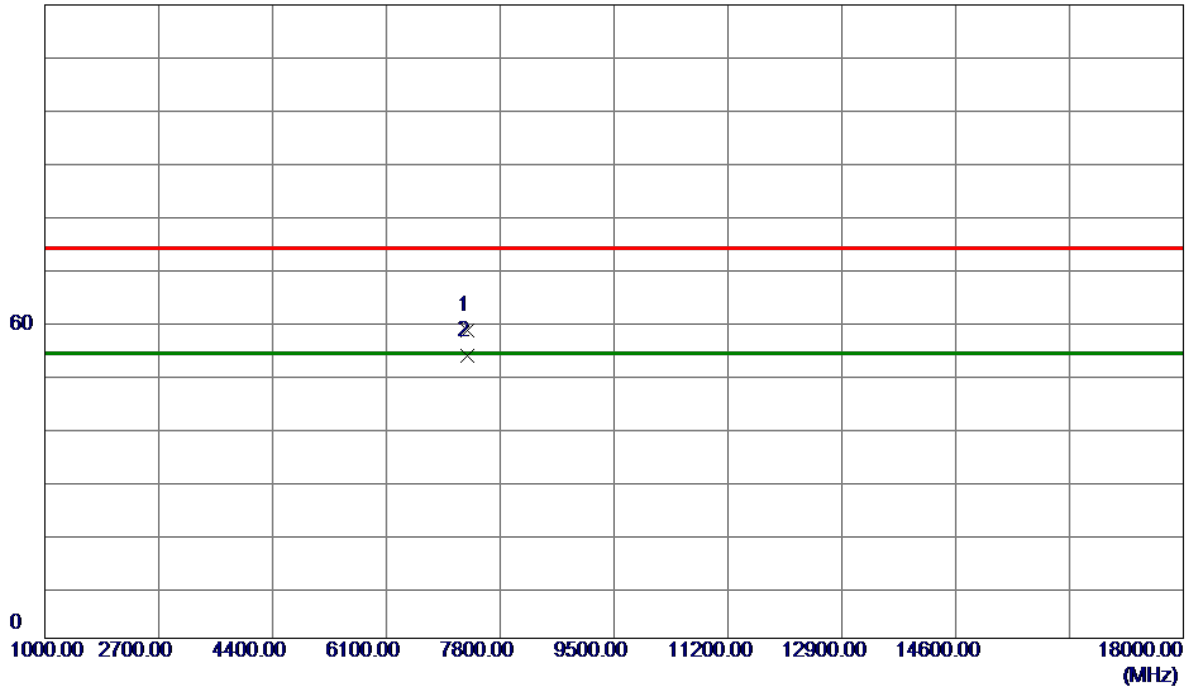
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7236.0000	51.50	6.40	57.90	74.00	-16.10	Peak	
2 *	7236.0000	46.75	6.40	53.15	54.00	-0.85	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/9/2
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



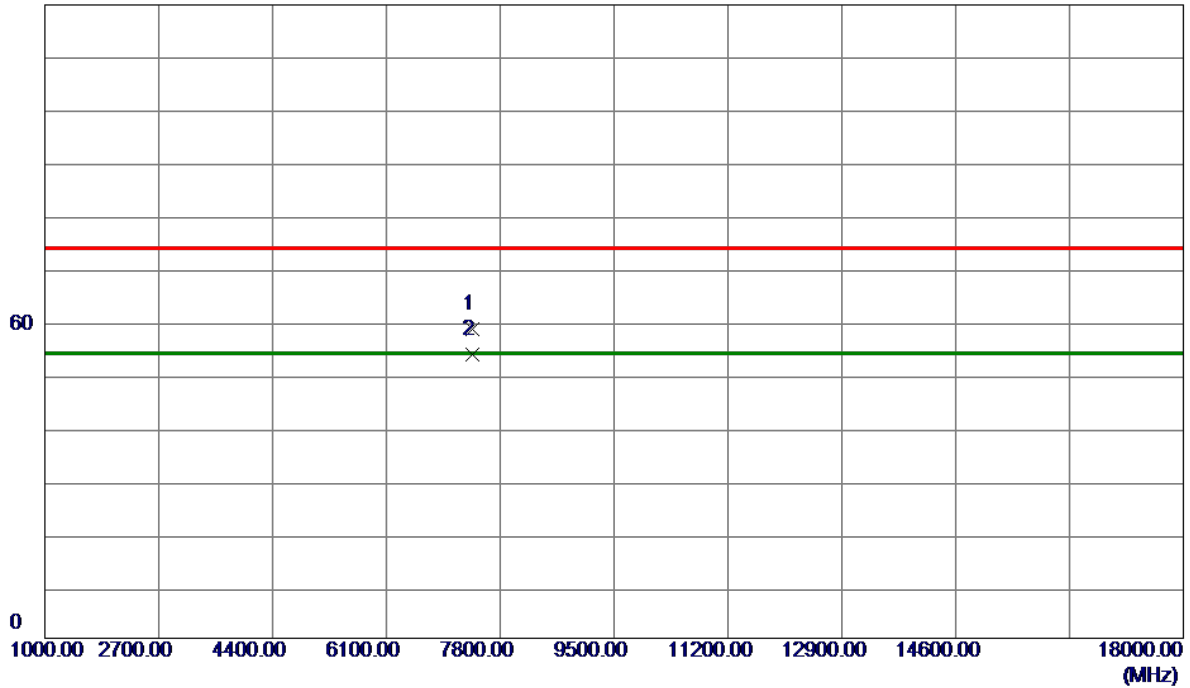
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7311.0000	52.01	6.41	58.42	74.00	-15.58	Peak	
2 *	7311.0000	47.03	6.41	53.44	54.00	-0.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/9/2
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



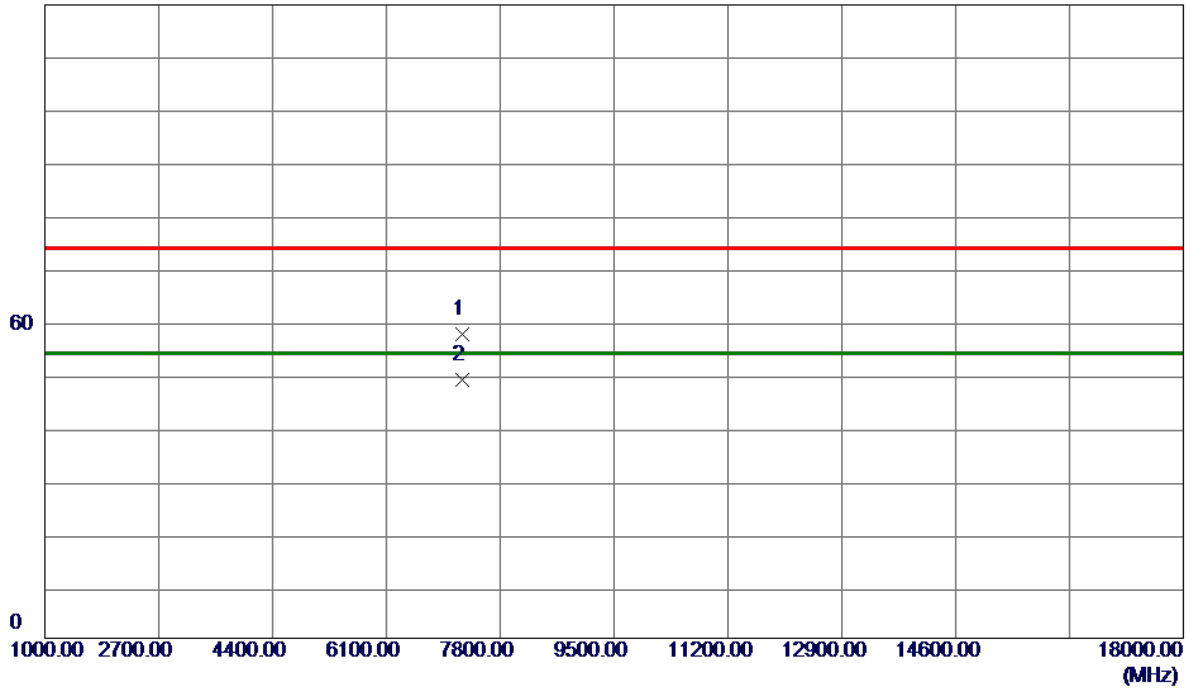
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7386.0000	52.22	6.42	58.64	74.00	-15.36	Peak	
2 *	7386.0000	47.29	6.42	53.71	54.00	-0.29	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/9/2
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



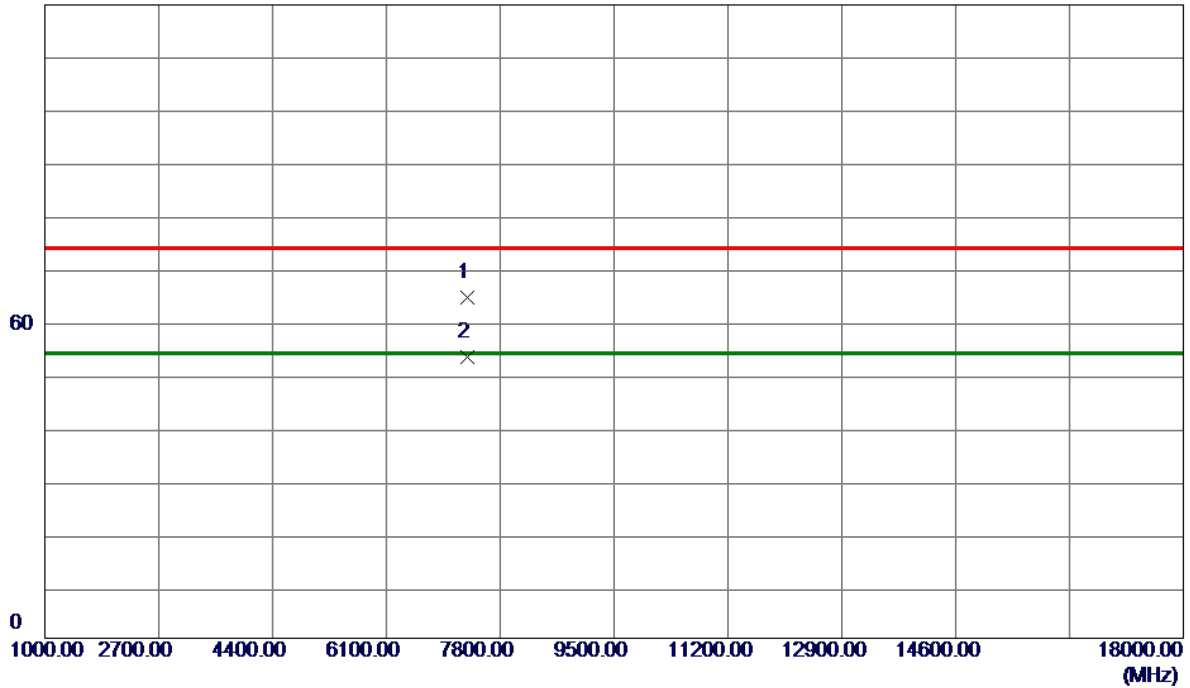
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7236.0000	51.27	6.40	57.67	74.00	-16.33	Peak	
2 *	7236.0000	42.53	6.40	48.93	54.00	-5.07	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/9/2
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	7311.0000	58.20	6.41	64.61	74.00	-9.39	Peak	
2 *	7311.0000	46.93	6.41	53.34	54.00	-0.66	AVG	

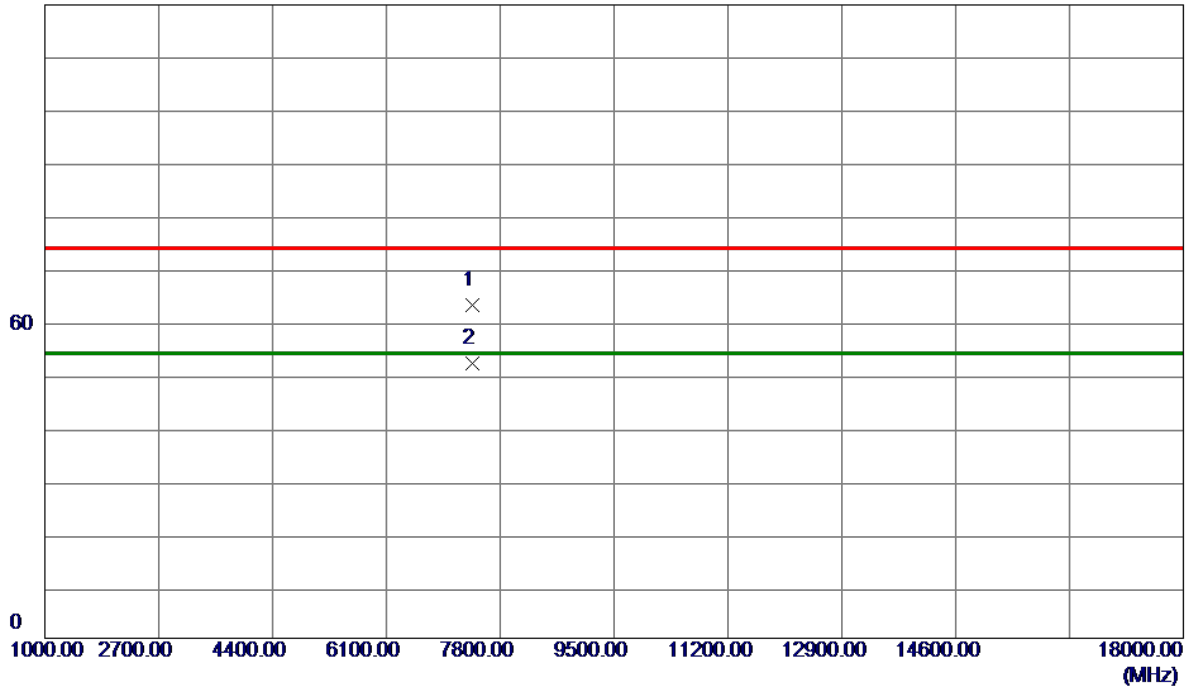
REMARKS:

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

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

Test Mode	IEEE 802.11g	Test Date	2025/9/2
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



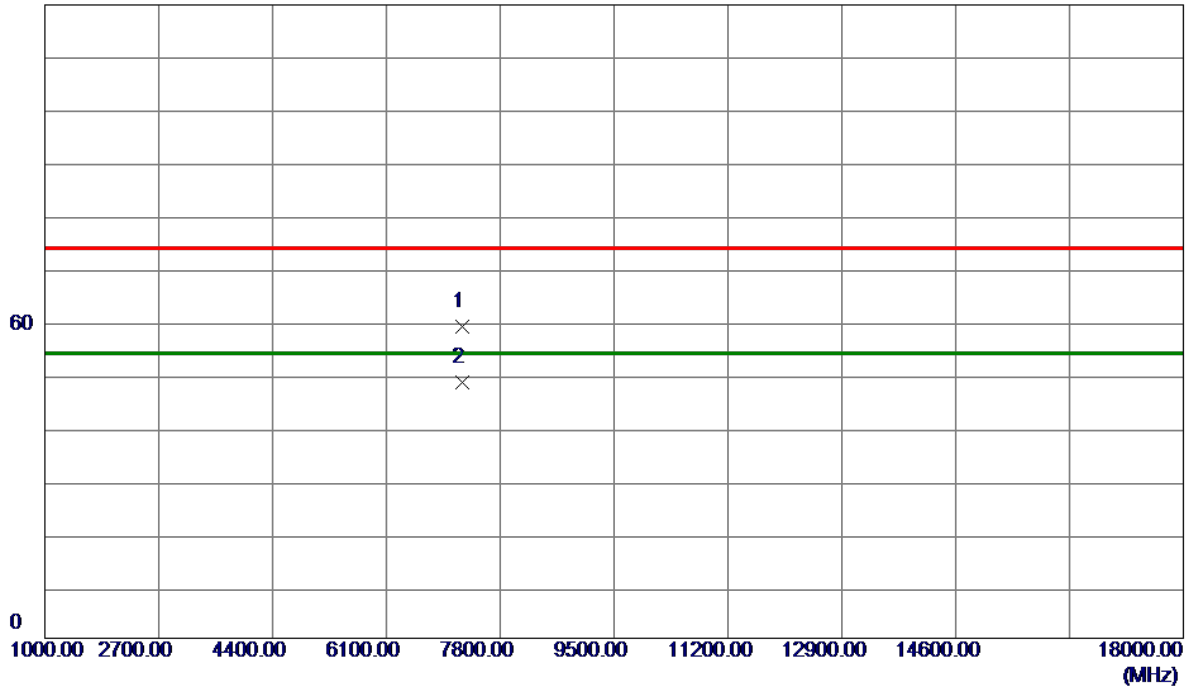
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7386.0000	56.69	6.42	63.11	74.00	-10.89	Peak	
2 *	7386.0000	45.69	6.42	52.11	54.00	-1.89	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/9/2
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	52.65	6.40	59.05	74.00	-14.95	Peak	
2 *	7236.0000	42.13	6.40	48.53	54.00	-5.47	AVG	

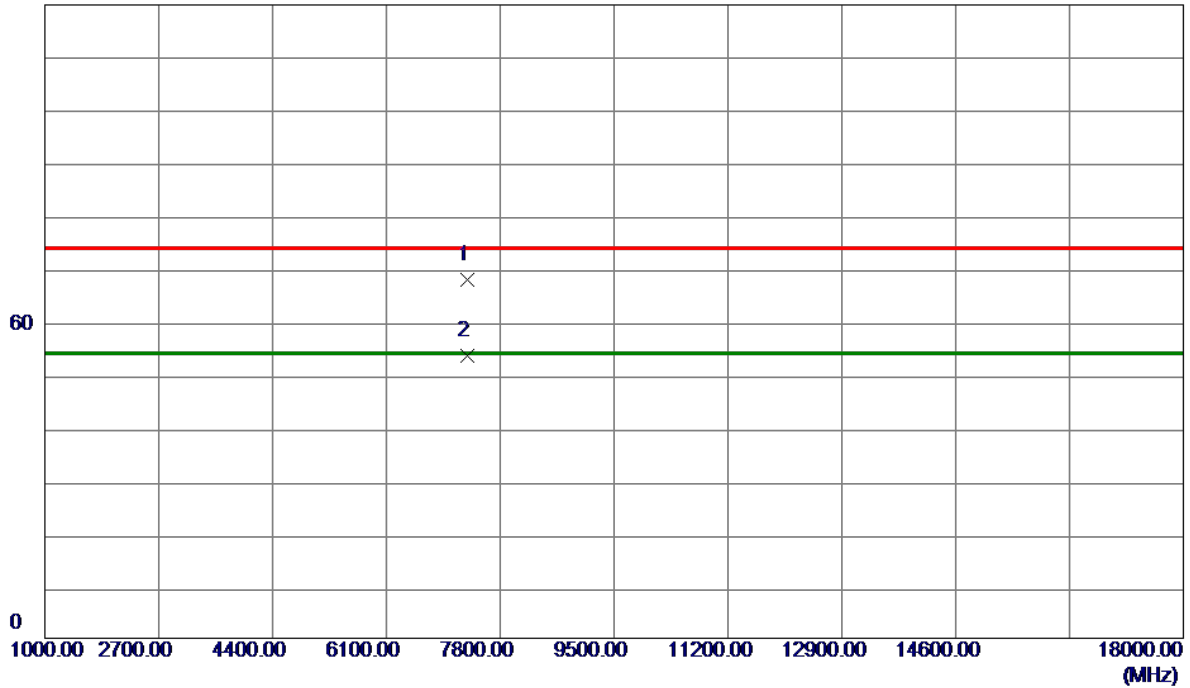
REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/9/2
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m



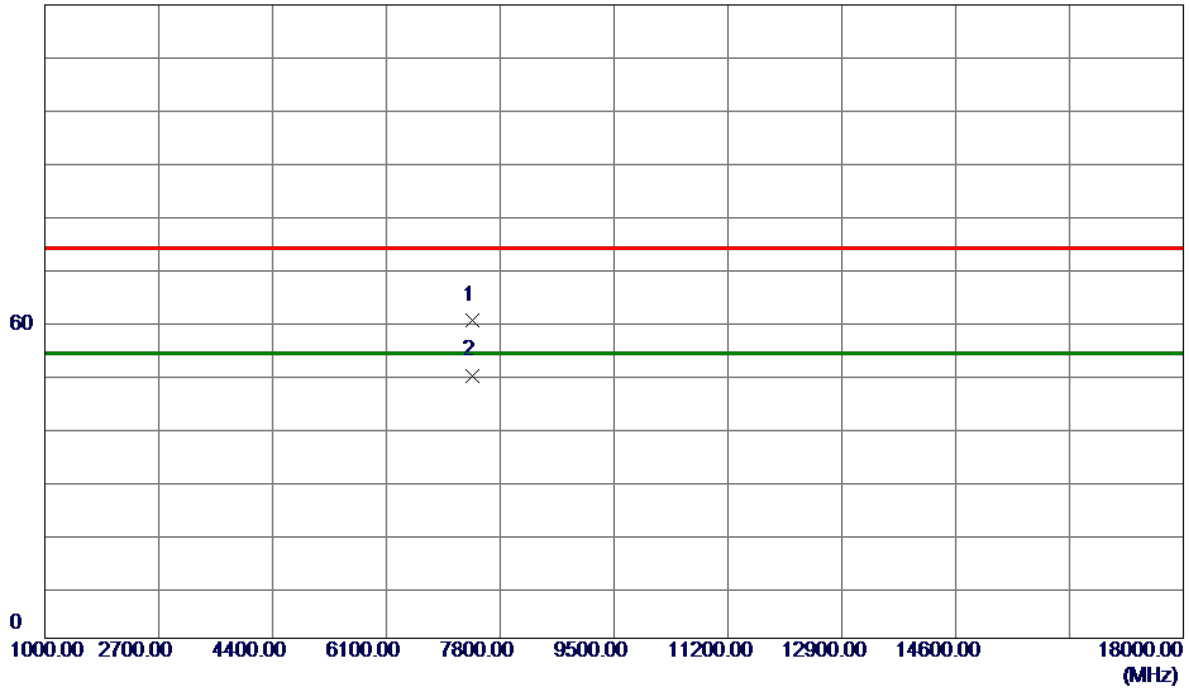
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7311.0000	61.55	6.41	67.96	74.00	-6.04	Peak	
2 *	7311.0000	47.10	6.41	53.51	54.00	-0.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/9/2
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

120 dBuV/m

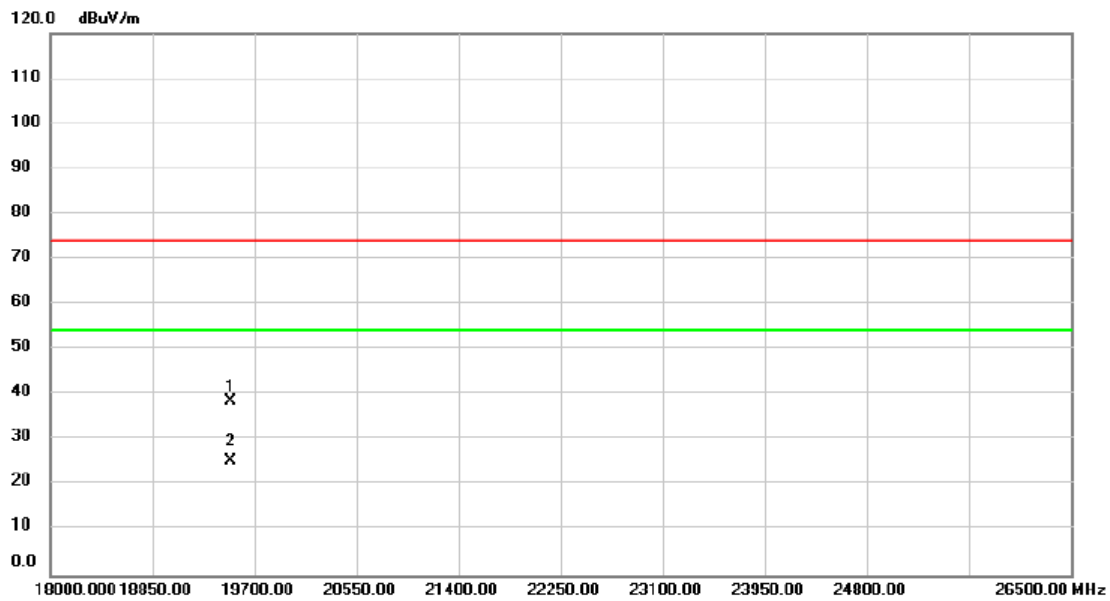


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7386.0000	53.81	6.42	60.23	74.00	-13.77	Peak	
2 *	7386.0000	43.38	6.42	49.80	54.00	-4.20	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/9/2
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		19496.00	48.23	-9.69	38.54	74.00	-35.46	peak	
2	*	19496.00	35.18	-9.69	25.49	54.00	-28.51	AVG	

REMARKS:

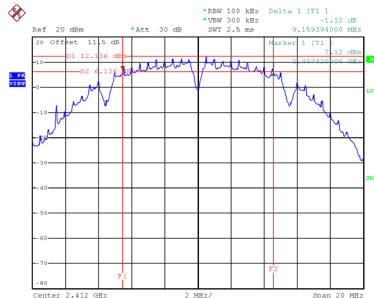
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D BANDWIDTH

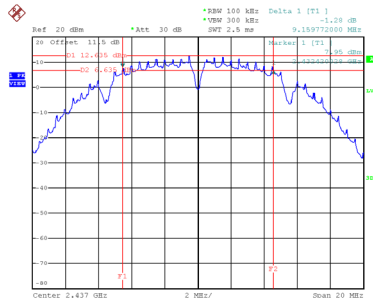
Test Mode IEEE 802.11b

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	9.159	13.600	0.5	Complies
06	2437	9.160	13.760	0.5	Complies
11	2462	9.150	14.000	0.5	Complies

CH01

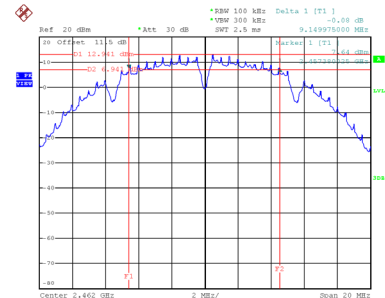


Date: 30.SEP.2025 19:02:48

CH06
6 dB Bandwidth


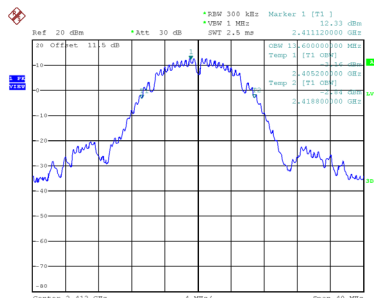
Date: 30.SEP.2025 19:04:50

CH11

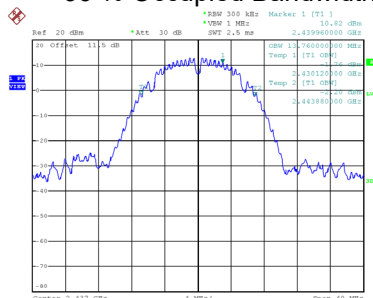


Date: 30.SEP.2025 19:06:14

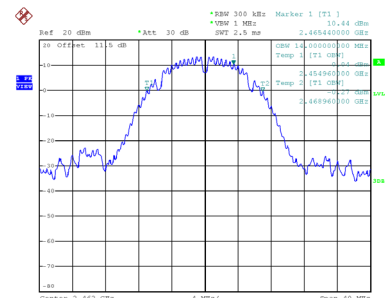
99 % Occupied Bandwidth



Date: 30.SEP.2025 19:02:57



Date: 30.SEP.2025 19:04:59

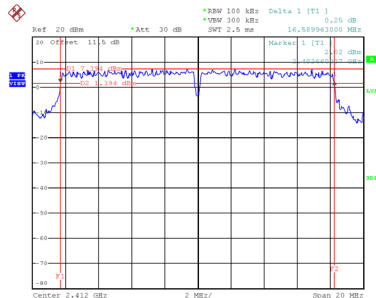


Date: 30.SEP.2025 19:06:43

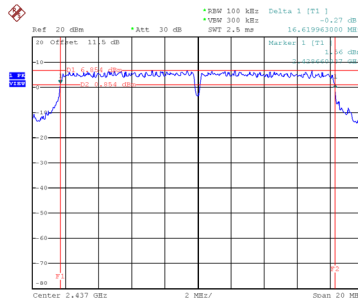
Test Mode IEEE 802.11g

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.590	23.600	0.5	Complies
06	2437	16.620	22.320	0.5	Complies
11	2462	16.580	22.800	0.5	Complies

CH01

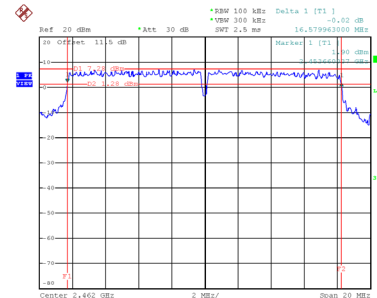


Date: 30.SEP.2025 19:08:16

CH06
6 dB Bandwidth


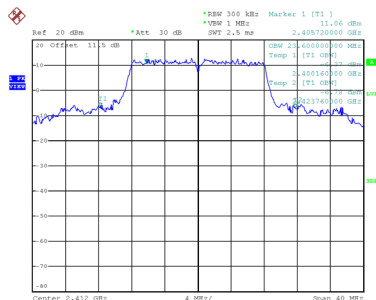
Date: 30.SEP.2025 19:10:17

CH11

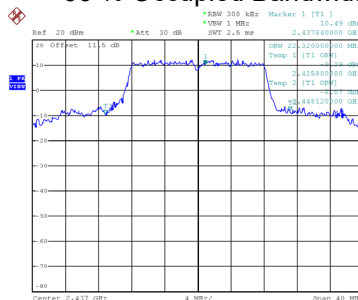


Date: 30.SEP.2025 19:11:44

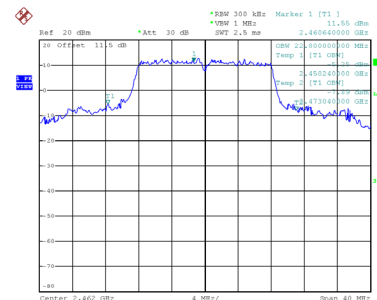
99 % Occupied Bandwidth



Date: 30.SEP.2025 19:08:24



Date: 30.SEP.2025 19:10:25

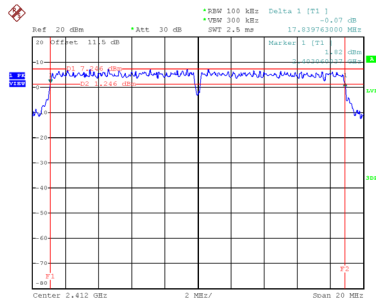


Date: 30.SEP.2025 19:11:52

Test Mode	IEEE 802.11n (HT20)
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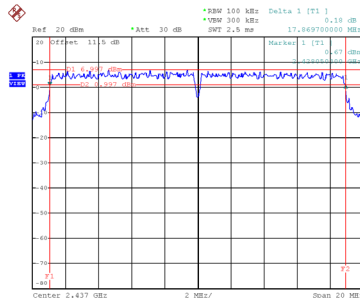
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	17.840	24.240	0.5	Complies
06	2437	17.870	22.320	0.5	Complies
11	2462	17.900	24.880	0.5	Complies

CH01



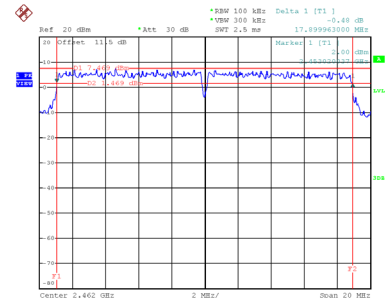
Date: 30.SEP.2025 19:13:16

CH06
6 dB Bandwidth



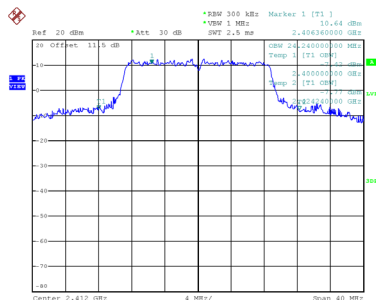
Date: 30.SEP.2025 19:15:30

CH11

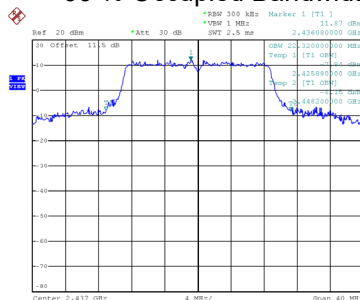


Date: 30.SEP.2025 19:16:53

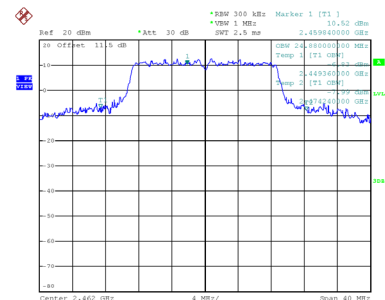
99 % Occupied Bandwidth



Date: 30.SEP.2025 19:13:24



Date: 30.SEP.2025 19:15:38



Date: 30.SEP.2025 19:17:01

APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b	Tested Date	2025/8/29
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.30	30.00	1.0000	Pass
06	2437	21.94	30.00	1.0000	Pass
11	2462	21.03	30.00	1.0000	Pass

Test Mode	IEEE 802.11g	Tested Date	2025/8/29
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.93	30.00	1.0000	Pass
06	2437	25.73	30.00	1.0000	Pass
11	2462	25.89	30.00	1.0000	Pass

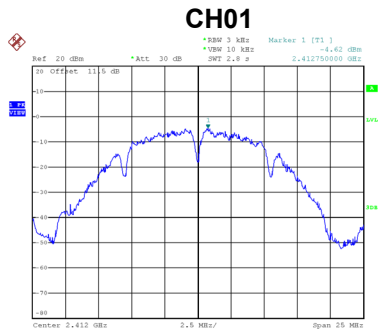
Test Mode	IEEE 802.11n (HT20)	Tested Date	2025/8/29
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.75	30.00	1.0000	Pass
06	2437	26.05	30.00	1.0000	Pass
11	2462	25.75	30.00	1.0000	Pass

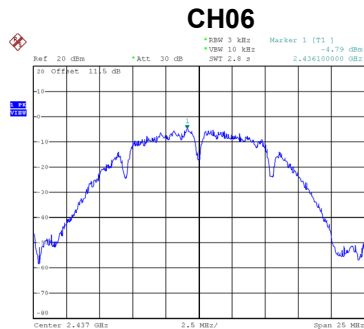
APPENDIX F POWER SPECTRAL DENSITY

Test Mode	IEEE 802.11b
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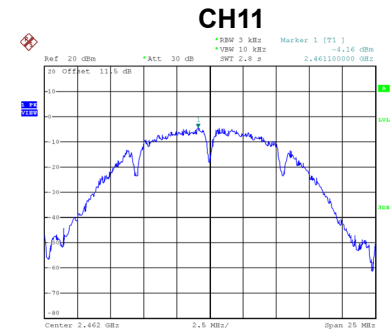
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-4.62	8.00	Pass
06	2437	-4.79	8.00	Pass
11	2462	-4.16	8.00	Pass



Date: 30.SEP.2025 19:03:49



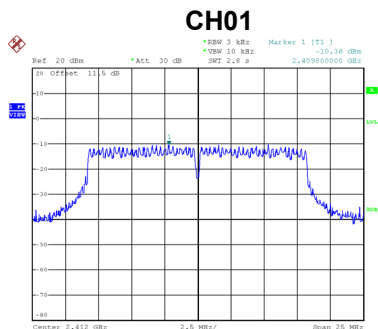
Date: 30.SEP.2025 19:05:51



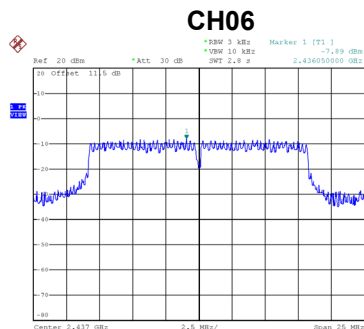
Date: 30.SEP.2025 19:07:35

Test Mode	IEEE 802.11g
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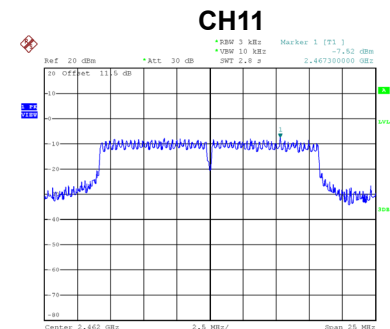
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.36	8.00	Pass
06	2437	-7.89	8.00	Pass
11	2462	-7.52	8.00	Pass



Date: 30.SEP.2025 19:09:40



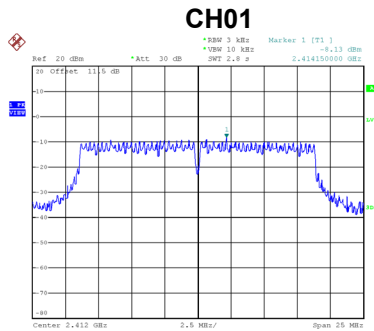
Date: 30.SEP.2025 19:11:17



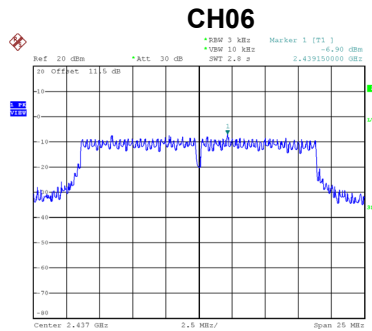
Date: 30.SEP.2025 19:12:44

Test Mode	IEEE 802.11n (HT20)
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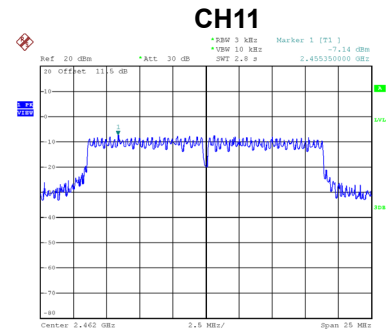
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-8.13	8.00	Pass
06	2437	-6.90	8.00	Pass
11	2462	-7.14	8.00	Pass



Date: 30.SEP.2025 19:14:56



Date: 30.SEP.2025 19:16:30

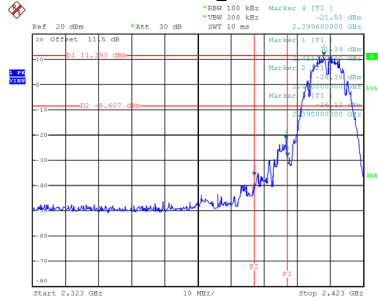


Date: 30.SEP.2025 19:17:53

APPENDIX G ANTENNA CONDUCTED SPURIOUS EMISSIONS

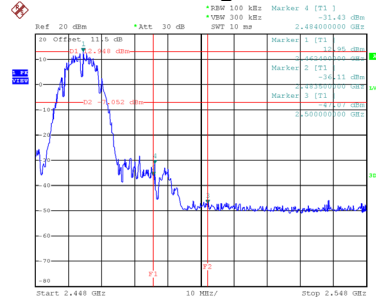
Test Mode IEEE 802.11b

Bandedge-CH01



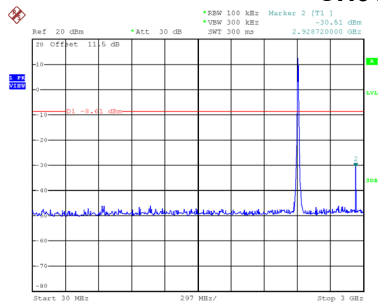
Date: 30.SEP.2025 19:03:06

Bandedge-CH11

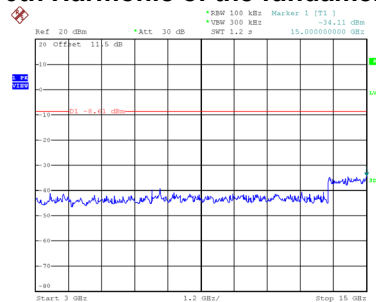


Date: 30.SEP.2025 19:06:52

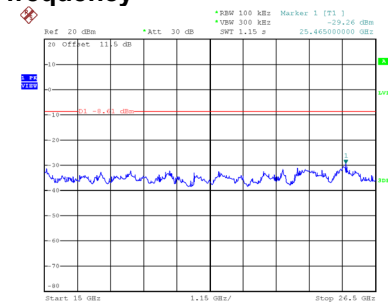
CH01 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:03:21

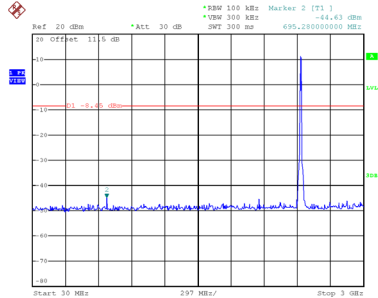


Date: 30.SEP.2025 19:03:30

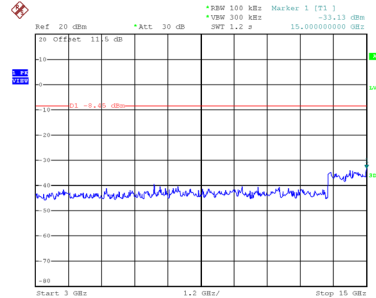


Date: 30.SEP.2025 19:03:39

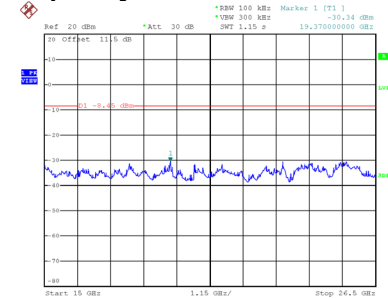
CH06 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:05:23

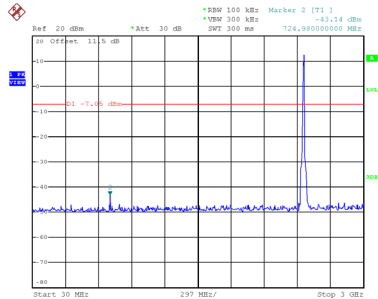


Date: 30.SEP.2025 19:05:32

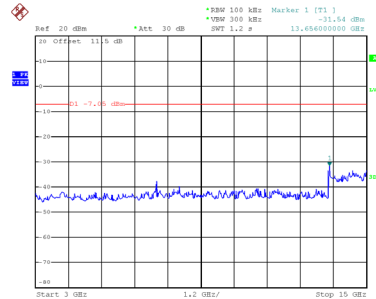


Date: 30.SEP.2025 19:05:41

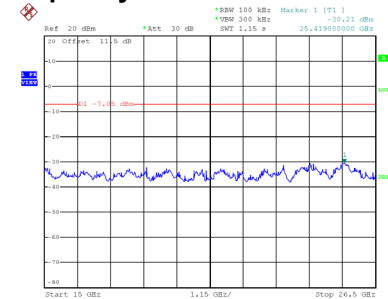
CH11 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:07:06



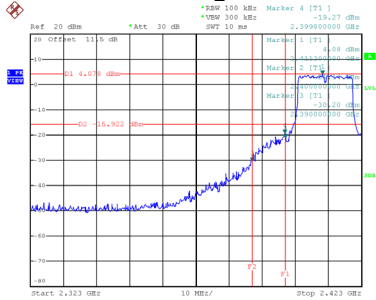
Date: 30.SEP.2025 19:07:15



Date: 30.SEP.2025 19:07:24

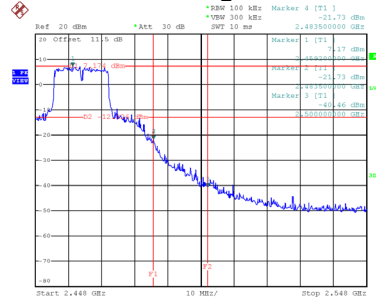
Test Mode IEEE 802.11g

Bandedge-CH01



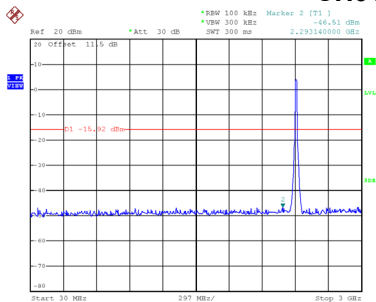
Date: 30.SEP.2025 19:08:57

Bandedge-CH11

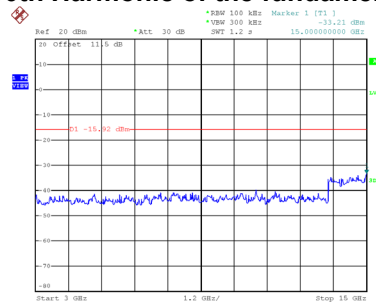


Date: 30.SEP.2025 19:12:01

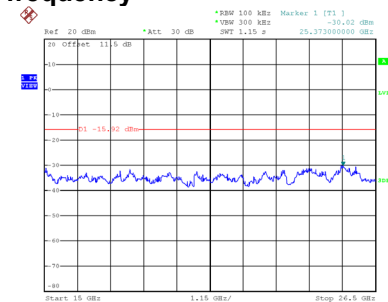
CH01 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:09:12

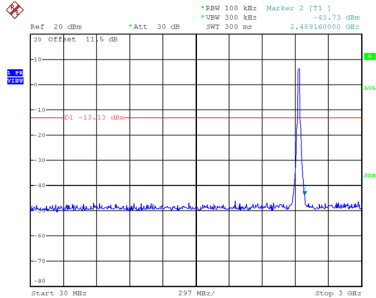


Date: 30.SEP.2025 19:09:21

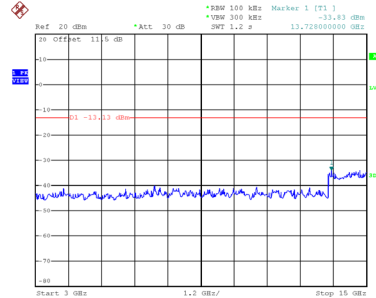


Date: 30.SEP.2025 19:09:30

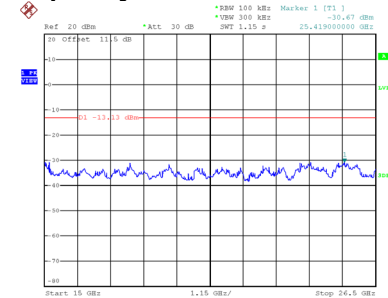
CH06 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:10:49

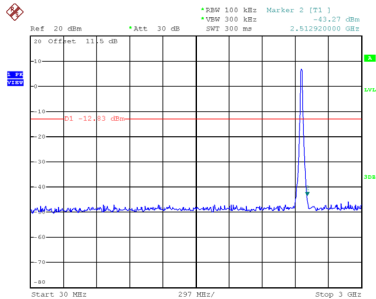


Date: 30.SEP.2025 19:10:57

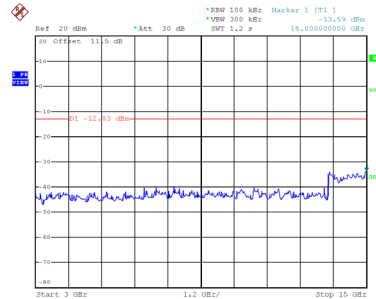


Date: 30.SEP.2025 19:11:06

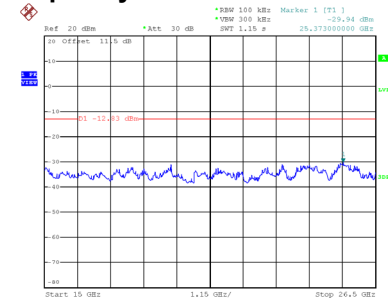
CH11 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:12:16



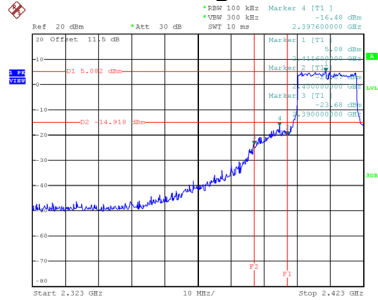
Date: 30.SEP.2025 19:12:24



Date: 30.SEP.2025 19:12:33

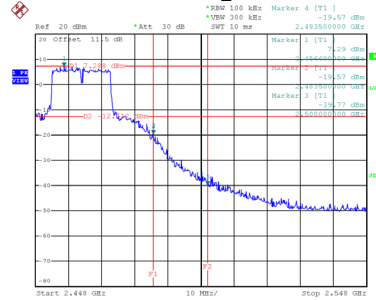
Test Mode IEEE 802.11n (HT20)

Bandedge-CH01



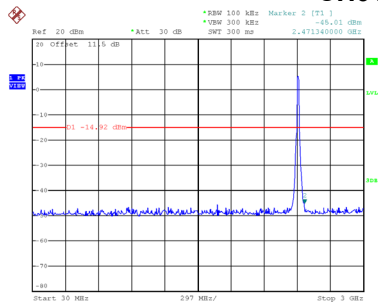
Date: 30.SEP.2025 19:14:13

Bandedge-CH11

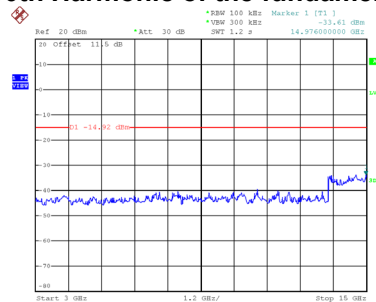


Date: 30.SEP.2025 19:17:10

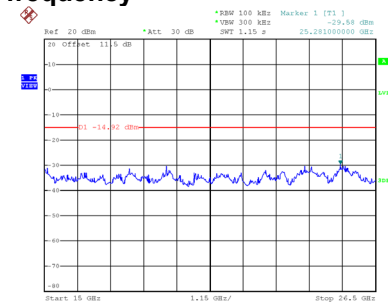
CH01 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:14:27

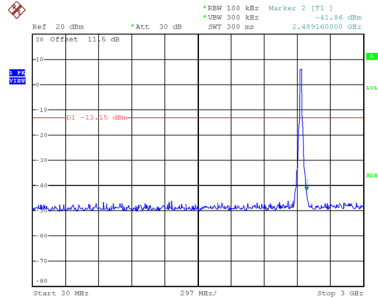


Date: 30.SEP.2025 19:14:36

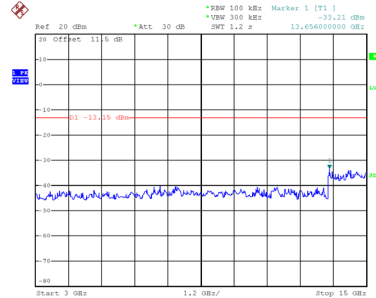


Date: 30.SEP.2025 19:14:45

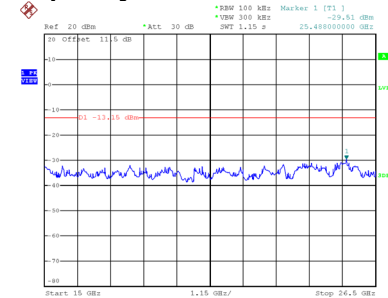
CH06 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:16:02

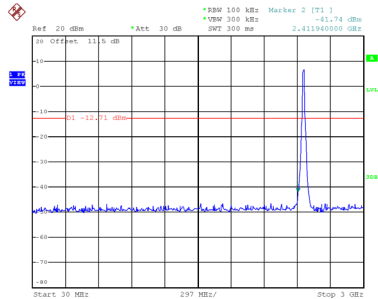


Date: 30.SEP.2025 19:16:11

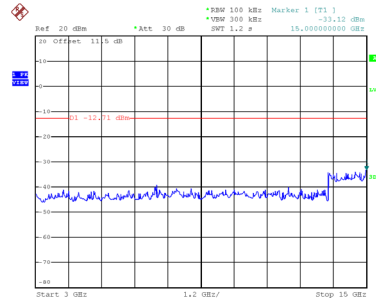


Date: 30.SEP.2025 19:16:19

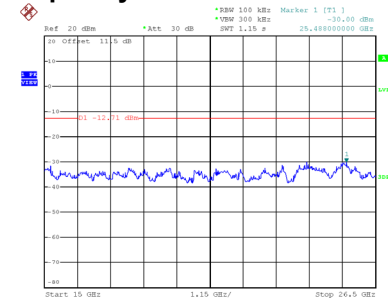
CH11 – 10th Harmonic of the fundamental frequency



Date: 30.SEP.2025 19:17:25



Date: 30.SEP.2025 19:17:34



Date: 30.SEP.2025 19:17:43

End of Test Report