

# FCC Radio Test Report

## FCC ID: 2BH7FC250

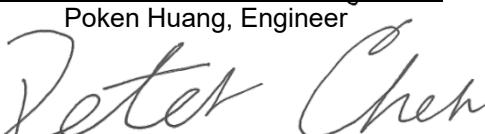
**Report No.** : BTL-FCCP-1-2507C135  
**Equipment** : Pan/Tilt AI Home Security Wi-Fi Camera  
**Model Name** : Tapo C250  
**Brand Name** : Tapo  
**Applicant** : TP-Link Systems Inc.  
**Address** : 10 Mauchly, Irvine, CA 92618  
**Manufacturer** : TP-Link Systems Inc.  
**Address** : 10 Mauchly, 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 C63.10-2013  
**Procedure(s)**  
  
**Date of Receipt** : 2025/8/22  
**Date of Test** : 2025/8/22 ~ 2025/8/25  
**Issued Date** : 2025/9/12

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-1-2507C135	R00	Original Report.	2025/9/12	Valid

## 1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C	Pass	-----
15.247(a)	Bandwidth	APPENDIX D	Pass	-----
15.247(b)	Output Power	APPENDIX E	Pass	-----
15.247(e)	Power Spectral Density	APPENDIX F	Pass	-----
15.247(d)	Antenna conducted Spurious Emission	APPENDIX G	Pass	-----
15.203	Antenna Requirement	-----	Pass	NOTE (3)

NOTE:

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

## 1.1 TEST FACILITY

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

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

No. 64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (FCC DN: TW0659)

C01       CB20

No. 68-2, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (FCC DN: TW0659)

SR06

## 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , 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  $U_{cisp}$  requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C01	CISPR	150 kHz ~ 30MHz	2.4498

B. Radiated emissions test:

Test Site	Measurement Frequency Range	U (dB)
CB20	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test:

Test Item	U (dB)
Occupied Bandwidth	0.83 %
Output power	0.8909 dB
Power Spectral Density	0.8903 dB
Conducted Spurious emissions	1.8304 dB
Conducted Band edges	1.8338 dB

NOTE:

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

## 1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	AC 120 V	Benny Cao
Radiated emissions below 1 GHz	25°C, 65%	AC 120 V	Benny Cao
Radiated emissions above 1 GHz	25°C, 65%	AC 120 V	Benny Cao
Bandwidth	25°C, 50%	AC 120 V	Cheng Tsai
Output Power	25°C, 60%	AC 120 V	Mason Mo
Power Spectral Density	25°C, 50%	AC 120 V	Cheng Tsai
Antenna conducted Spurious Emission	25°C, 50%	AC 120 V	Cheng Tsai

**1.4 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING**

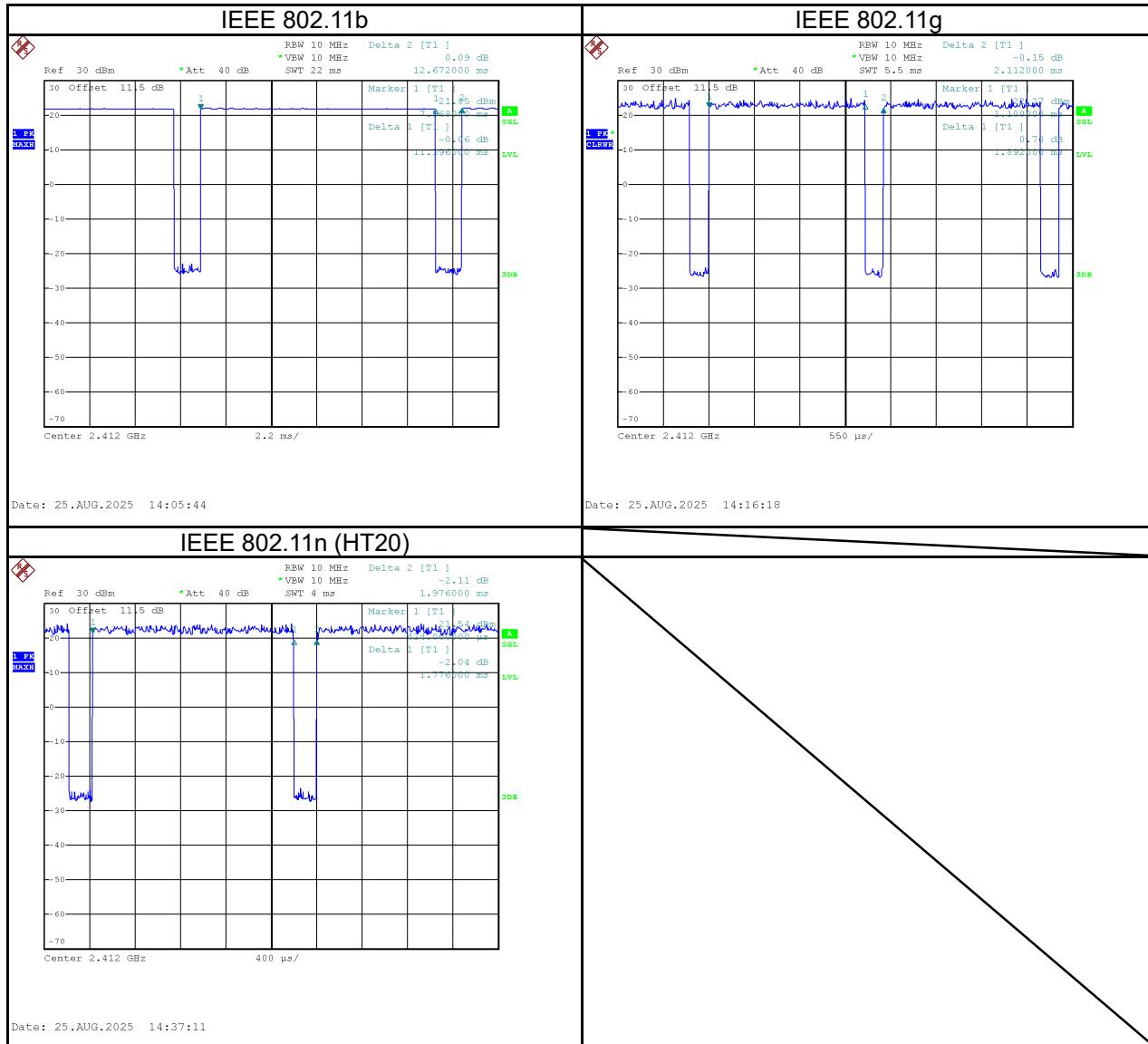
Test Software Version	altobeamWifi ETF V2.10.129		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	2.5	2.5	2.5
IEEE 802.11g	1.5	5	1
IEEE 802.11n(HT20)	1.5	5	1

## 1.5 DUTY CYCLE

If duty cycle is  $\geq 98\%$ , duty factor is not required.

If duty cycle is  $< 98\%$ , duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	11.396	1	11.396	12.672	89.93%	0.46
IEEE 802.11g	1.892	1	1.892	2.112	89.58%	0.48
IEEE 802.11n (HT20)	1.776	1	1.776	1.976	89.88%	0.46



## 2 GENERAL INFORMATION

### 2.1 DESCRIPTION OF EUT

Equipment	Pan/Tilt AI Home Security Wi-Fi Camera
Brand Name	Tapo
Model Name	Tapo C250
Model Difference(s)	N/A
Hardware Version	V1
Software Version	V1
Power Source	DC voltage supplied from AC adapter. Model: T090085-2B1
Power Rating	I/P: 100-240V~, 50/60Hz, 0.3A O/P: 9V --- 0.85A
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
Output Power Max.	IEEE 802.11b: 19.42 dBm
Test Model	Tapo C250
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

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

(2) Channel List:

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

(3) Table for Filed Antenna:

Ant.	Brand Name	P/N	Type	Connector	Gain (dBi)
1	tp-link	Tapo C250+ANT	IFA	N/A	2.13

(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

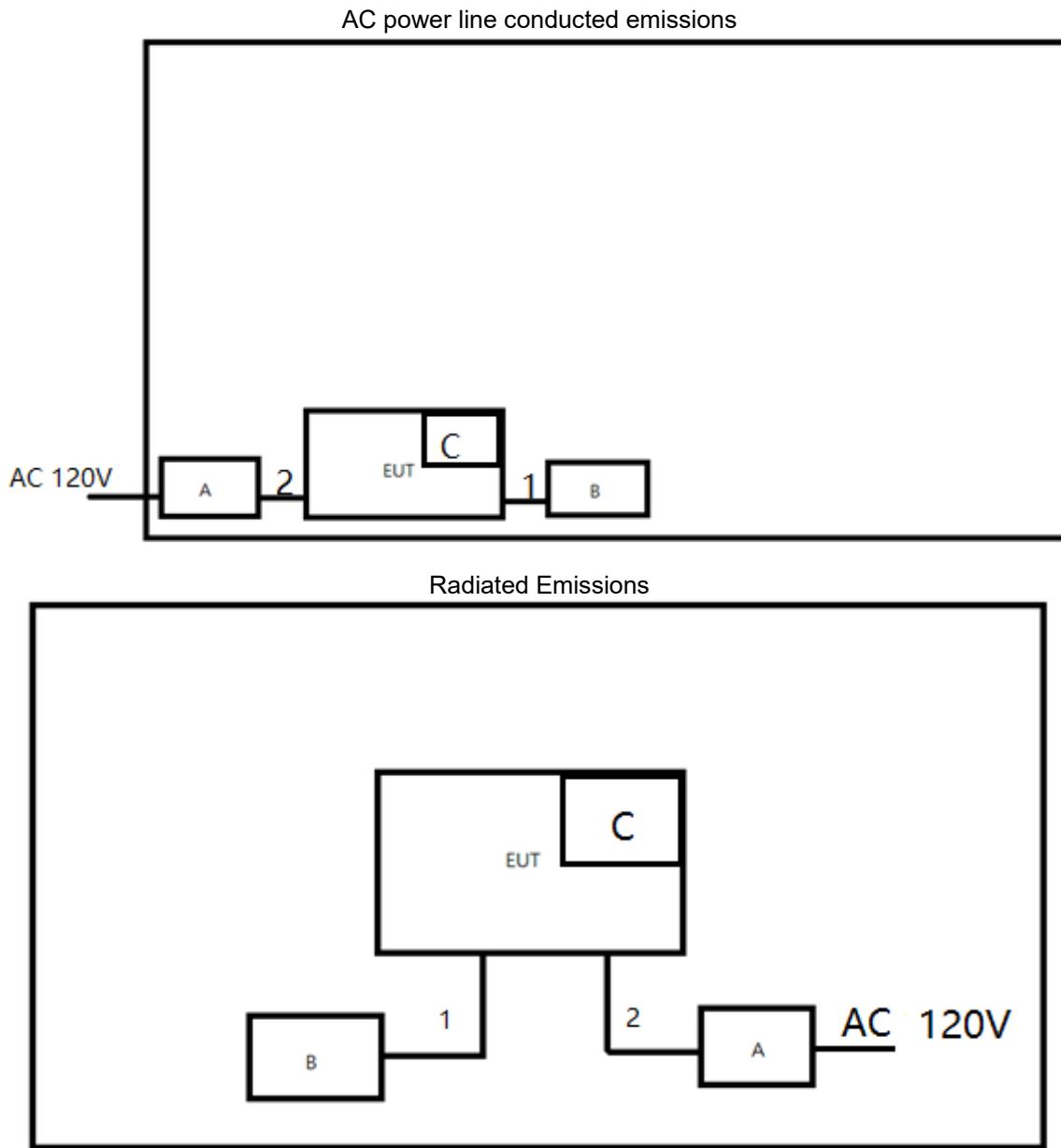
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11b	01	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
Transmitter Radiated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

NOTE:

- (1) For radiated emission above 1 GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Vertical for Band edge, Horizontal for Harmonic. In this report only recorded the worst case.
- (2) For radiated emission below 1 GHz test, the TX B Mode Channel 06 is found to be the worst case and recorded.
- (3) For radiated emission Harmonic above 18GHz test, only tested the worst case and recorded.
- (4) The electric field intensity signal emitted at 9 kHz - 30 MHz is too weak (20 dB below the limit), so the measured value is not recorded in this report.

### 2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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



### 2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	tp-link	T090085-2B1	N/A	Supplied by test requester.
B	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.
C	SD Card	SanDisk	ZN6MA	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N	N	0.8m	USB Fixture Cable	Furnished by test lab.
2	N	N	1m	DC Cable	Supplied by test requester.

### 3 AC POWER LINE CONDUCTED EMISSIONS TEST

#### 3.1 LIMIT

Frequency (MHz)	Limit (dB $\mu$ V)	
	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 (dB $\mu$ V)		Correct Factor (dB)		Measurement Value (dB $\mu$ V)
38.22	+	3.45	=	41.67

Measurement Value (dB $\mu$ V)		Limit Value (dB $\mu$ V)		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.

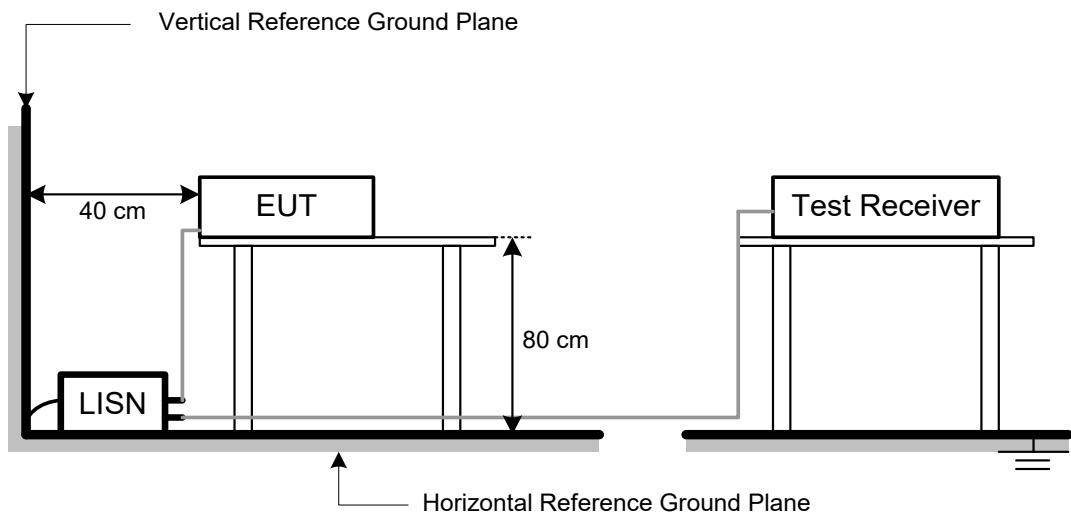
**NOTE:**

- (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 (dB $\mu$ V/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 (dB $\mu$ V/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 (dB $\mu$ V)		Correct Factor (dB/m)		Measurement Value (dB $\mu$ V/m)
19.11	+	2.11	=	21.22

Measurement Value (dB $\mu$ V/m)		Limit Value (dB $\mu$ V/m)		Margin Level (dB)
21.22	-	54	=	-32.78

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

Mode	VBW(Hz)
IEEE 802.11b	1.8k
IEEE 802.11g	750
IEEE 802.11n (HT20)	300
IEEE 802.11n (HT40)	300

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

#### 4.2 TEST PROCEDURE

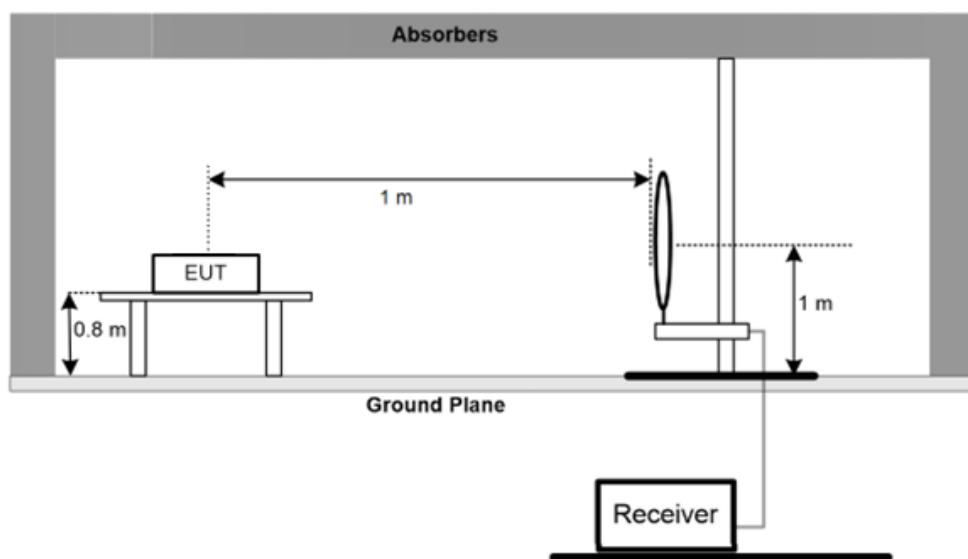
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance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

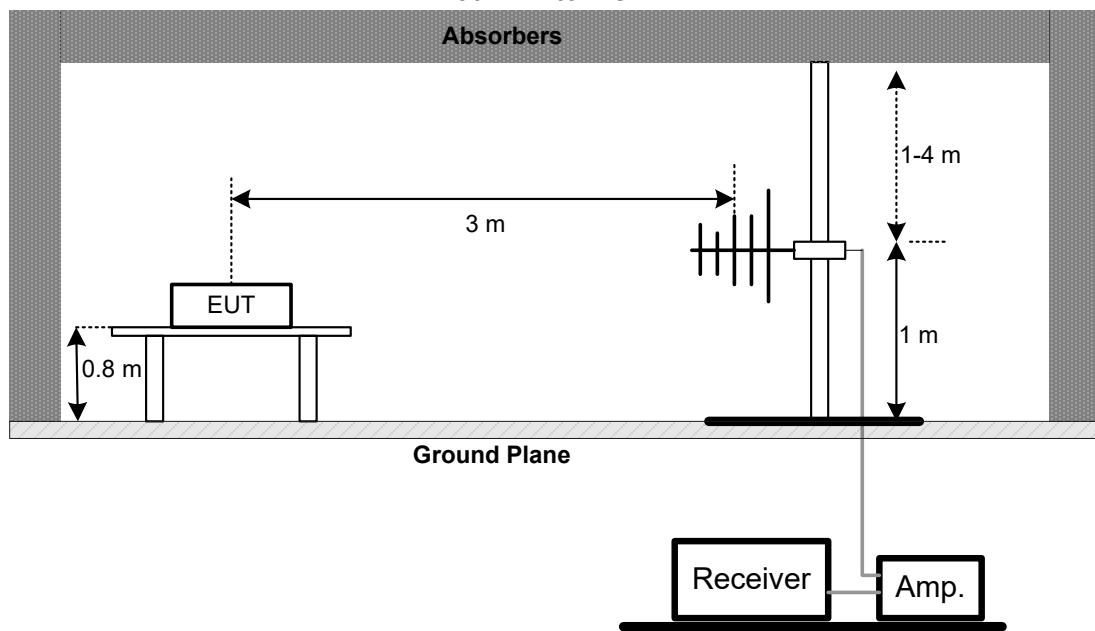
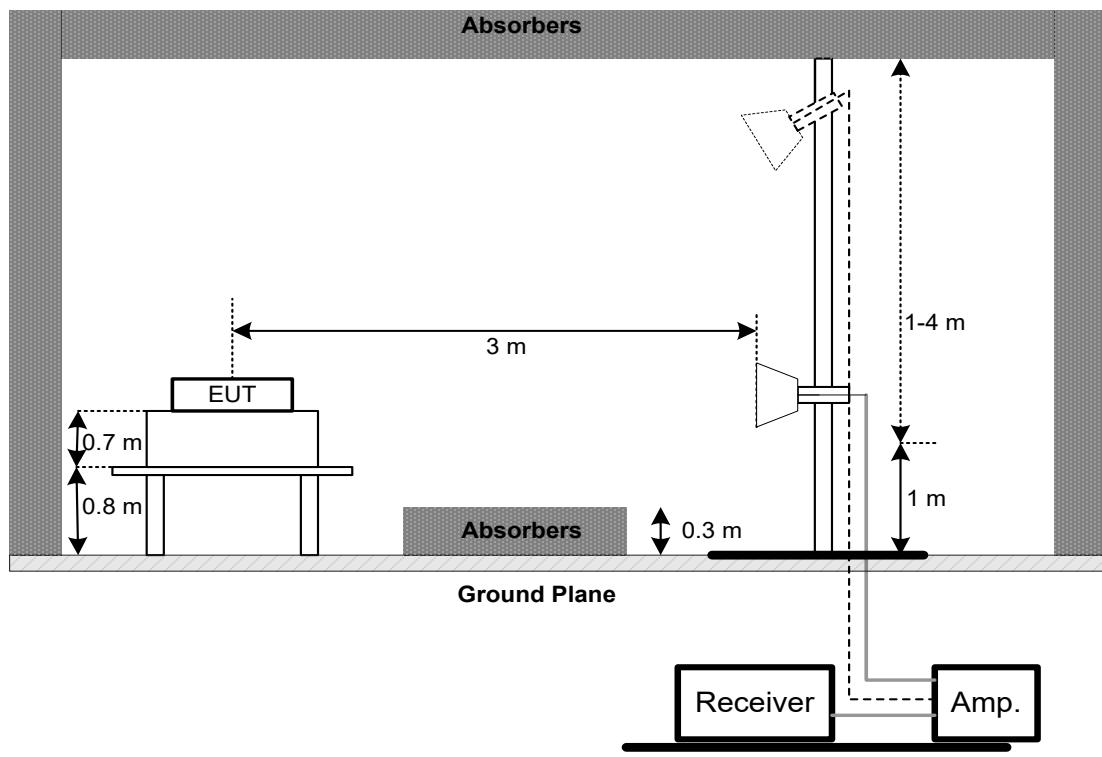
#### 4.3 DEVIATION FROM TEST STANDARD

No deviation.

#### 4.4 TEST SETUP

##### 9 kHz to 30 MHz



**30 MHz to 1 GHz****Above 1 GHz****4.5 EUT OPERATING CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

**4.6 TEST RESULT – 9kHz TO 30 MHz**

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

**4.7 TEST RESULT – 30 MHZ TO 1 GHZ**

Please refer to the APPENDIX B.

**4.8 TEST RESULT – ABOVE 1 GHZ**

Please refer to the APPENDIX C.

**NOTE:**

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

## 5 BANDWIDTH TEST

### 5.1 LIMIT

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

### 5.2 TEST PROCEDURE

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

### 5.3 DEVIATION FROM TEST STANDARD

No deviation.

### 5.4 TEST SETUP



### 5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 5.6 TEST RESULT

Please refer to the APPENDIX D.

## 6 OUTPUT POWER TEST

### 6.1 LIMIT

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

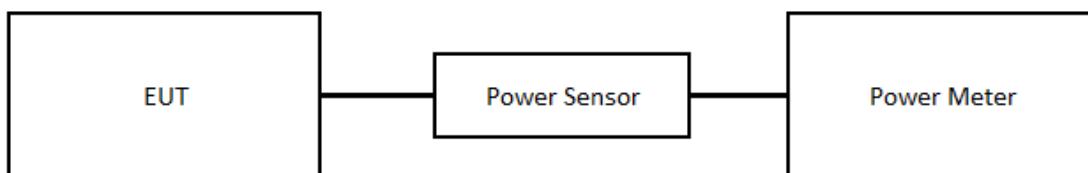
### 6.2 TEST PROCEDURE

- a. The EUT was directly connected to the Peak Power Analyzer and antenna output port as show in the block diagram below.
- b. The maximum average conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.
- c. Subclause 11.9.2.3.1 of ANSI C63.10 is applied. The maximum average conducted output power may be measured using a broadband peak RF power meter.  
The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

### 6.3 DEVIATION FROM TEST STANDARD

No deviation.

### 6.4 TEST SETUP



### 6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 6.6 TEST RESULT

Please refer to the APPENDIX E.

## 7 POWER SPECTRAL DENSITY

### 7.1 LIMIT

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

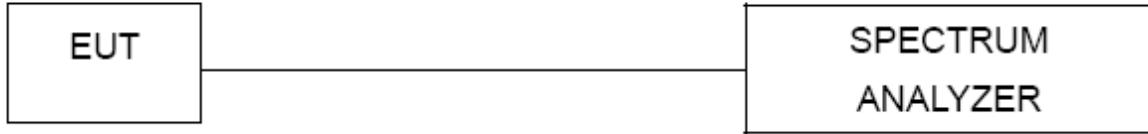
### 7.2 TEST PROCEDURE

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

### 7.3 DEVIATION FROM TEST STANDARD

No deviation.

### 7.4 TEST SETUP



### 7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 7.6 TEST RESULT

Please refer to the APPENDIX F.

## 8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

### 8.1 LIMIT

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

### 8.2 TEST PROCEDURE

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

### 8.3 DEVIATION FROM TEST STANDARD

No deviation.

### 8.4 TEST SETUP



### 8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 8.6 TEST RESULT

Please refer to the APPENDIX G.

**9 LIST OF MEASURING EQUIPMENTS****AC Power Line Conducted Emissions**

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Two-Line V-Network	R&S	ENV216	101051	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	Pre-Amplifier	EMCI	EMC184045SE	980512	2024/12/10	2025/12/9
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2025/6/27	2026/6/26
3	Test Cable	EMCI	EMC102-KM-KM-1000	220328	2024/12/10	2025/12/9
4	Test Cable	EMCI	EMC101G-KM-KM-3000	220330	2024/12/10	2025/12/9
5	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2025/1/14	2026/1/13
6	Pre-Amplifier	EMCI	EMC118A45SE	981030	2024/12/10	2025/12/9
7	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2024/12/10	2025/12/9
8	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2024/12/10	2025/12/9
9	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2024/12/10	2025/12/9
10	EXA Spectrum Analyzer	keysight	N9020B	MY59050137	2024/11/24	2025/11/23
11	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2024/12/4	2025/12/3
12	EMC Receiver	Keysight	N9038A	MY54130009	2025/6/25	2026/6/24
13	Pre-Amplifier	EMCI	EMC001330-2020 1222	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	200348	2024/12/9	2025/12/8
16	Test Cable	EMCI	EMC-CFD-400-N M-NM-3300	200343	2024/12/9	2025/12/8
17	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2025/6/27	2026/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	BTL-Conducured Test	BTL	1247788684	N/A	N/A	N/A

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

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2025/6/27	2026/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	BTL-Conducured Test	BTL	1247788684	N/A	N/A	N/A

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2025/6/27	2026/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	2024/11/26	2025/11/25
3	BTL-Conducured 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**

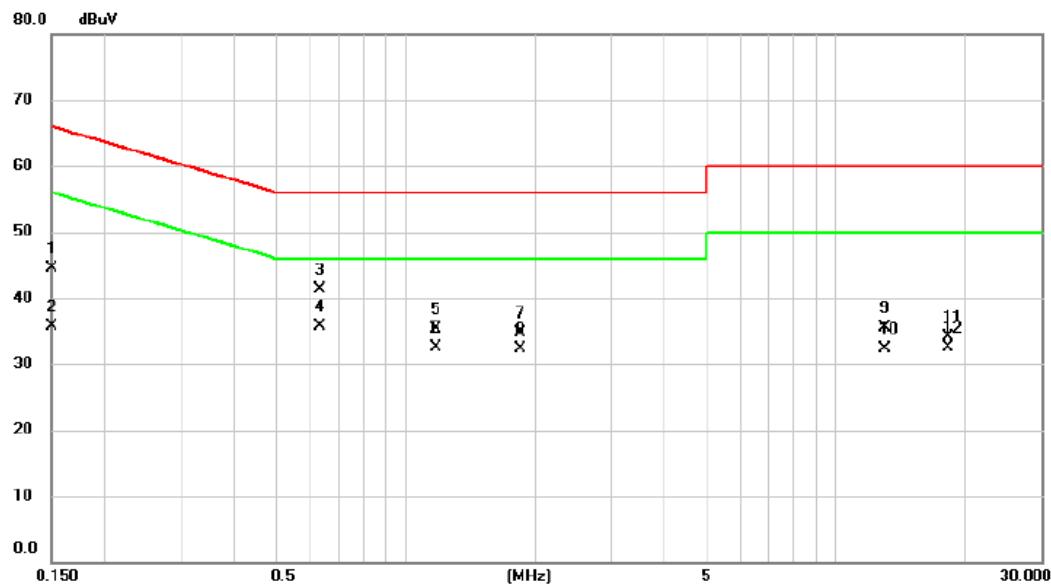
Please refer to document Appendix No.: TP-2507C135-1 (APPENDIX-TEST PHOTOS).

## **11 EUT PHOTOS**

Please refer to document Appendix No.: EP-2507C135-1 (APPENDIX-EUT PHOTOS).

**APPENDIX A AC POWER LINE CONDUCTED EMISSIONS**

Test Mode	Normal	Tested Date	2025/8/25
Test Frequency	-	Phase	Line

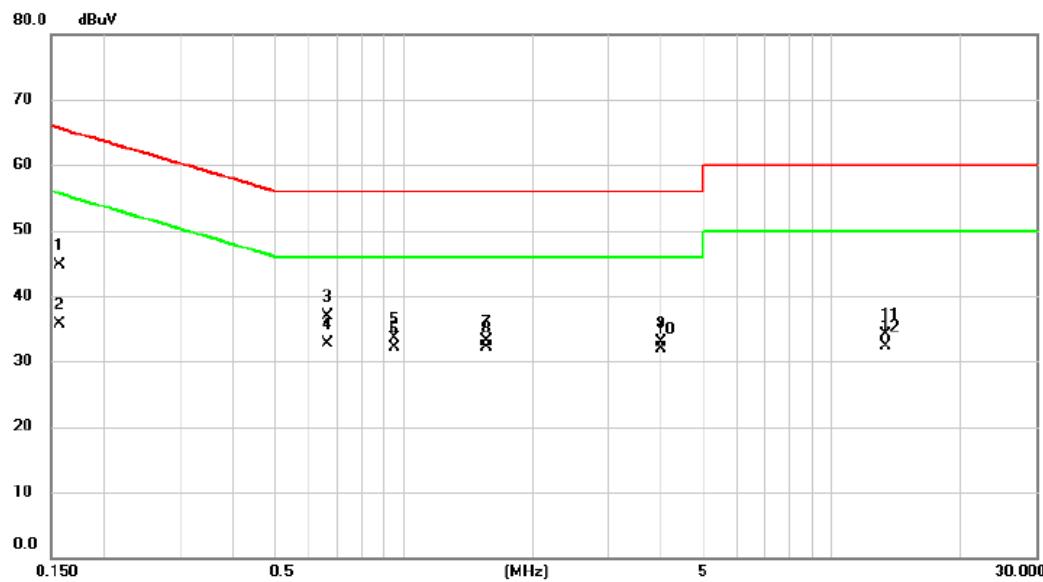


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.1507	35.01	9.50	44.51	65.96	-21.45	QP		
2	0.1507	26.16	9.50	35.66	55.96	-20.30	AVG		
3	0.6305	31.85	9.53	41.38	56.00	-14.62	QP		
4 *	0.6305	26.27	9.53	35.80	46.00	-10.20	AVG		
5	1.1795	25.74	9.55	35.29	56.00	-20.71	QP		
6	1.1795	22.93	9.55	32.48	46.00	-13.52	AVG		
7	1.8500	25.04	9.63	34.67	56.00	-21.33	QP		
8	1.8500	22.75	9.63	32.38	46.00	-13.62	AVG		
9	12.9500	25.50	9.93	35.43	60.00	-24.57	QP		
10	12.9500	22.44	9.93	32.37	50.00	-17.63	AVG		
11	18.2500	24.05	10.06	34.11	60.00	-25.89	QP		
12	18.2500	22.36	10.06	32.42	50.00	-17.58	AVG		

## REMARKS:

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

Test Mode	Normal	Tested Date	2025/8/25
Test Frequency	-	Phase	Neutral



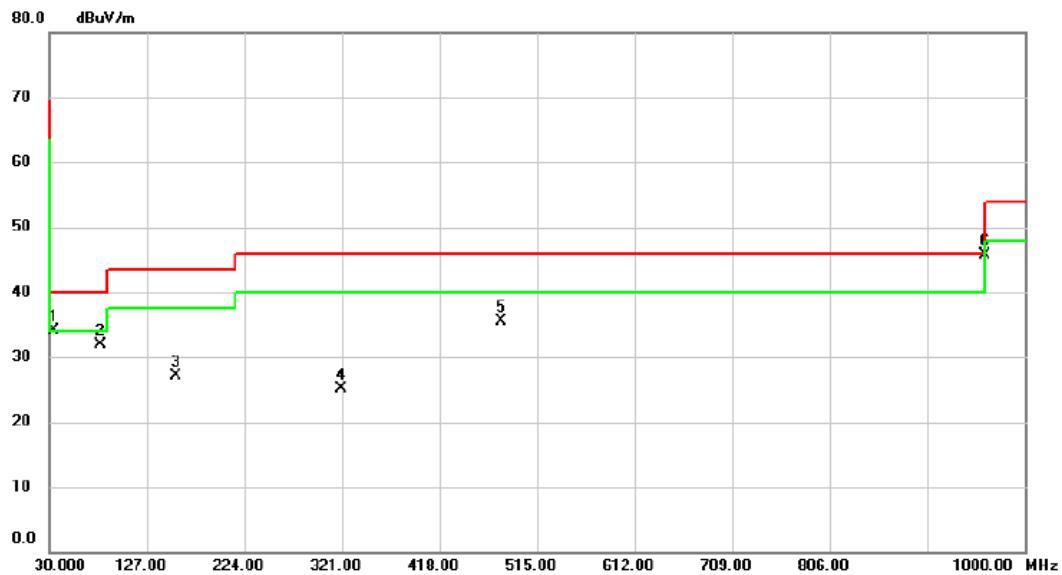
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Detector	Comment
			Level	Factor	ment				
MHz		dBuV		dB	dBuV	dBuV	dB		
1	0.1566	35.22	9.55	44.77	65.64	-20.87	QP		
2	0.1566	26.18	9.55	35.73	55.64	-19.91	AVG		
3	0.6620	27.33	9.57	36.90	56.00	-19.10	QP		
4 *	0.6620	23.10	9.57	32.67	46.00	-13.33	AVG		
5	0.9545	24.04	9.56	33.60	56.00	-22.40	QP		
6	0.9545	22.59	9.56	32.15	46.00	-13.85	AVG		
7	1.5620	23.57	9.60	33.17	56.00	-22.83	QP		
8	1.5620	22.45	9.60	32.05	46.00	-13.95	AVG		
9	4.0055	23.25	9.71	32.96	56.00	-23.04	QP		
10	4.0055	22.29	9.71	32.00	46.00	-14.00	AVG		
11	13.3500	24.18	10.01	34.19	60.00	-25.81	QP		
12	13.3500	22.32	10.01	32.33	50.00	-17.67	AVG		

## REMARKS:

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

**APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ**

Test Mode	IEEE 802.11b	Test Date	2025/8/25
Test Frequency	2427MHz	Polarization	Vertical

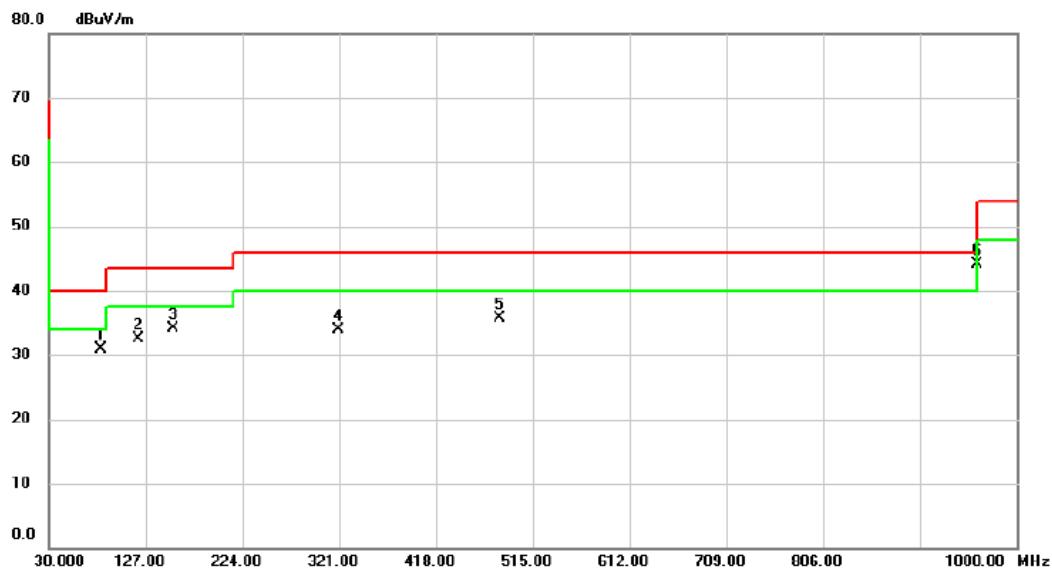


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	34.8500	46.58	-12.55	34.03	40.00	-5.97	peak	
2		80.4400	48.03	-16.06	31.97	40.00	-8.03	peak	
3		156.1000	38.08	-11.06	27.02	43.50	-16.48	peak	
4		320.0300	34.55	-9.48	25.07	46.00	-20.93	peak	
5		479.1100	40.70	-5.28	35.42	46.00	-10.58	peak	
6		960.2300	43.01	2.69	45.70	54.00	-8.30	peak	

## REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/8/25
Test Frequency	2427MHz	Polarization	Horizontal



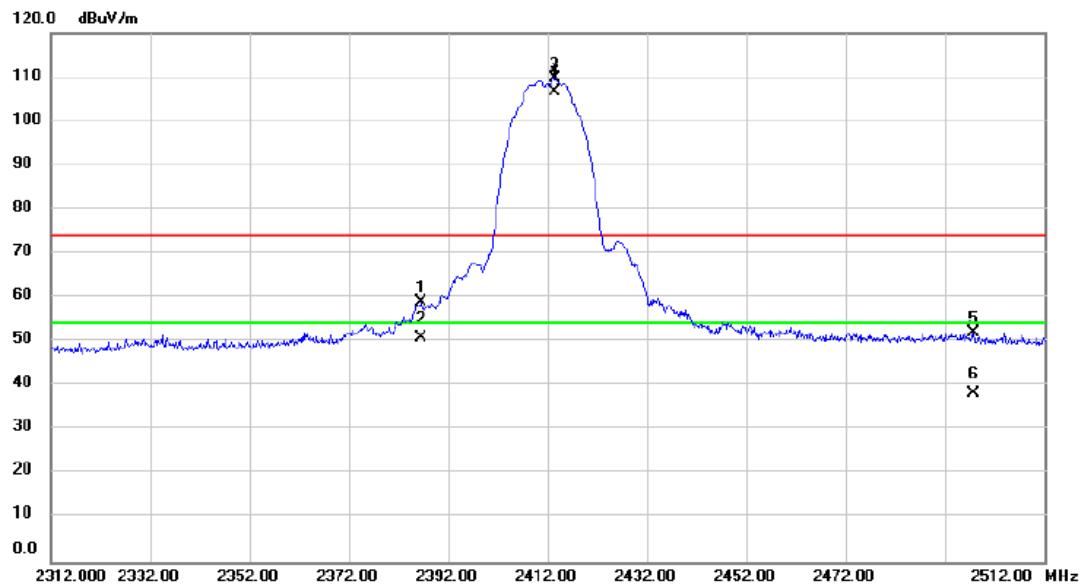
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Detector	Comment
			Level	Factor	ment				
1	*	82.3800	47.13	-16.27	30.86	40.00	-9.14	peak	
2		119.2400	46.24	-13.82	32.42	43.50	-11.08	peak	
3		154.1600	45.12	-11.02	34.10	43.50	-9.40	peak	
4		320.0300	43.40	-9.48	33.92	46.00	-12.08	peak	
5		482.0200	40.99	-5.24	35.75	46.00	-10.25	peak	
6		960.2300	41.42	2.69	44.11	54.00	-9.89	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	2025/8/25
Test Frequency	2412MHz	Polarization	Vertical

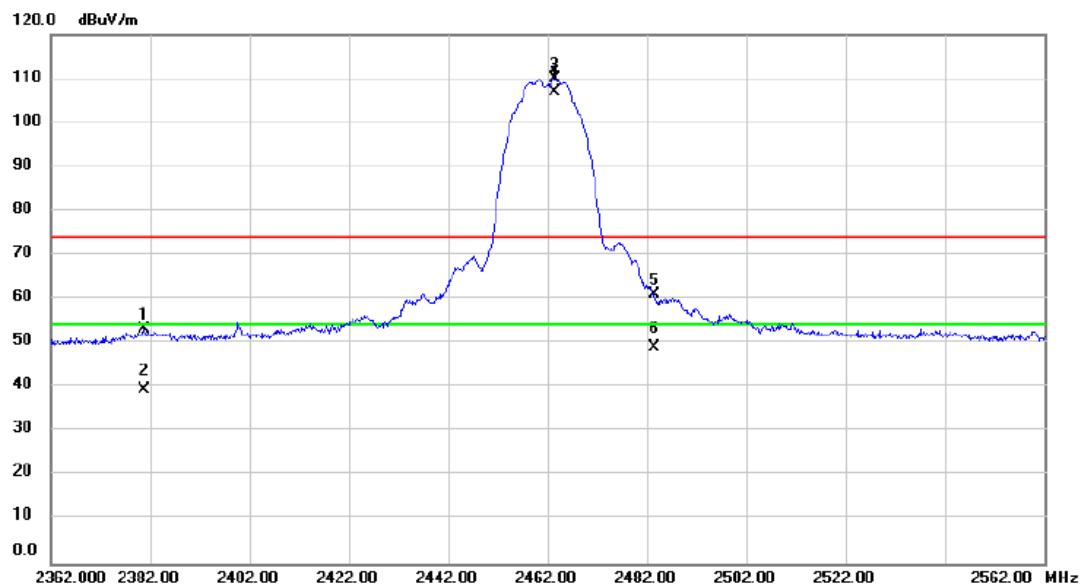


No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.400	53.68	5.23	58.91	74.00	-15.09	peak	
2		2386.400	45.65	5.23	50.88	54.00	-3.12	AVG	
3	X	2413.400	104.2	5.29	109.55	74.00	35.55	peak	No Limit
4	*	2413.400	101.4	5.29	106.70	54.00	52.70	AVG	No Limit
5		2497.800	46.53	5.44	51.97	74.00	-22.03	peak	
6		2497.800	32.88	5.44	38.32	54.00	-15.68	AVG	

## REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/8/25
Test Frequency	2462MHz	Polarization	Vertical

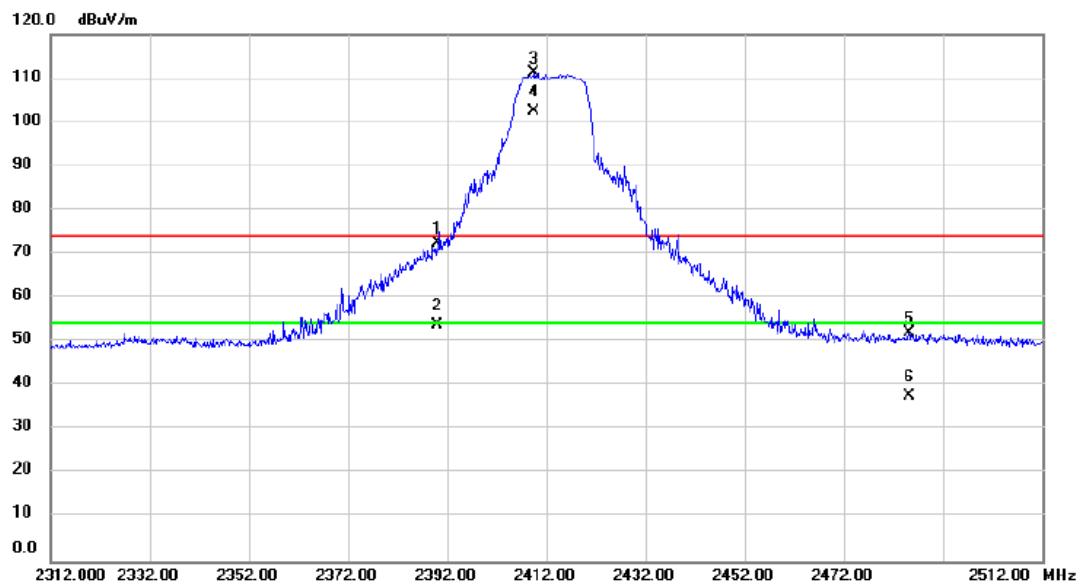


No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Margin	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	
1		2380.800	48.09	5.23	53.32	74.00	-20.68	peak
2		2380.800	34.37	5.23	39.60	54.00	-14.40	AVG
3	X	2463.400	104.4	5.38	109.84	74.00	35.84	peak No Limit
4	*	2463.400	101.6	5.38	106.99	54.00	52.99	AVG No Limit
5		2483.500	55.54	5.41	60.95	74.00	-13.05	peak
6		2483.500	43.65	5.41	49.06	54.00	-4.94	AVG

## REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/8/25
Test Frequency	2412MHz	Polarization	Vertical

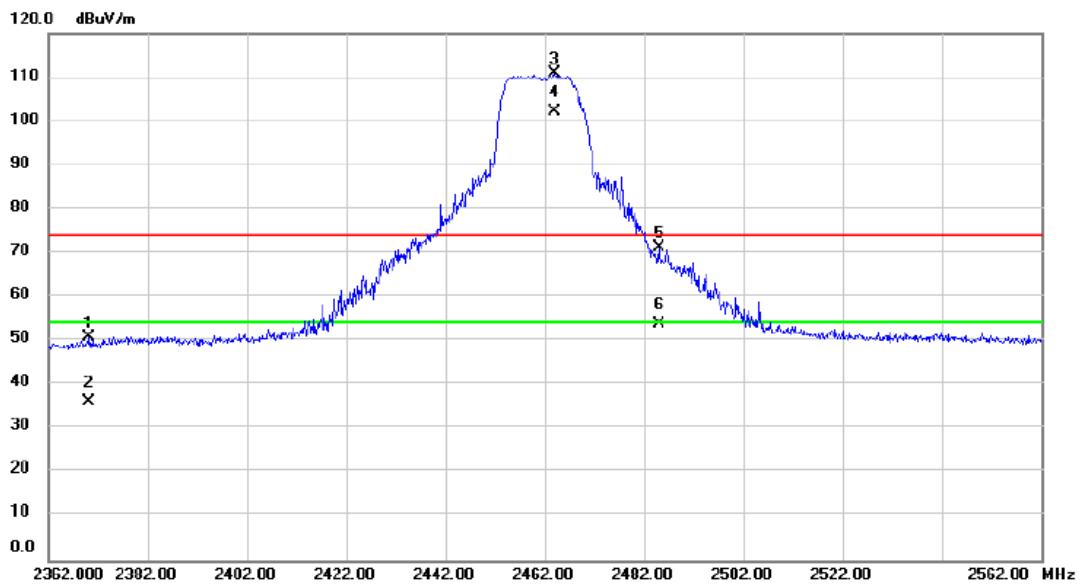


No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	67.10	5.24	72.34	74.00	-1.66	peak	
2		2390.000	48.62	5.24	53.86	54.00	-0.14	AVG	
3	X	2409.600	105.7	5.28	111.03	74.00	37.03	peak	No Limit
4	*	2409.600	97.12	5.28	102.40	54.00	48.40	AVG	No Limit
5		2485.200	46.74	5.41	52.15	74.00	-21.85	peak	
6		2485.200	32.21	5.41	37.62	54.00	-16.38	AVG	

## REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/8/25
Test Frequency	2462MHz	Polarization	Vertical

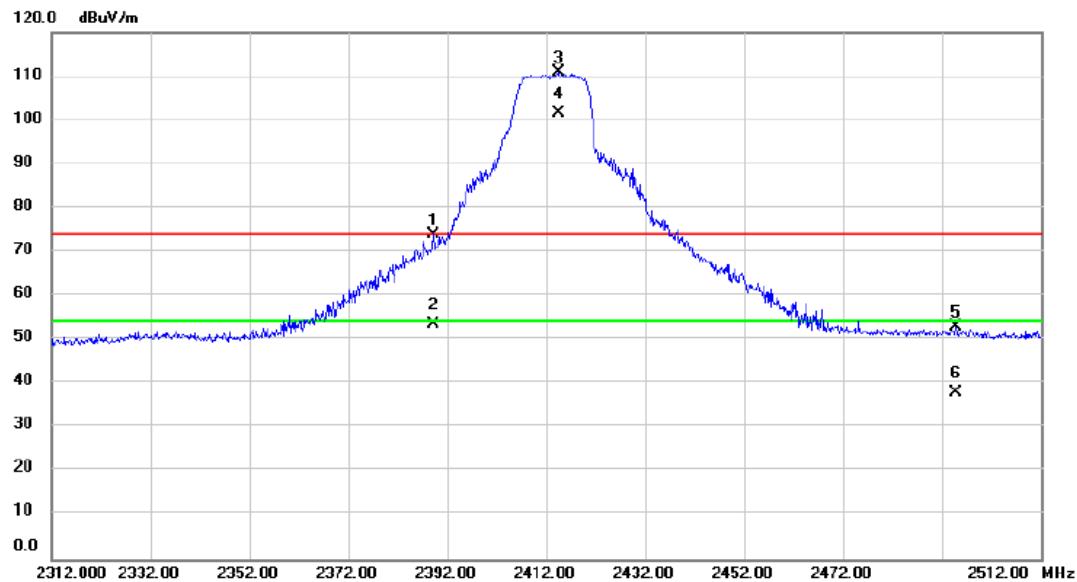


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2370.200	45.77	5.20	50.97	74.00	-23.03	peak	
2		2370.200	31.10	5.20	36.30	54.00	-17.70	AVG	
3	X	2464.000	105.5	5.38	110.95	74.00	36.95	peak	No Limit
4	*	2464.000	96.85	5.38	102.23	54.00	48.23	AVG	No Limit
5		2485.000	65.71	5.41	71.12	74.00	-2.88	peak	
6		2485.000	48.47	5.41	53.88	54.00	-0.12	AVG	

## REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/8/25
Test Frequency	2412MHz	Polarization	Vertical

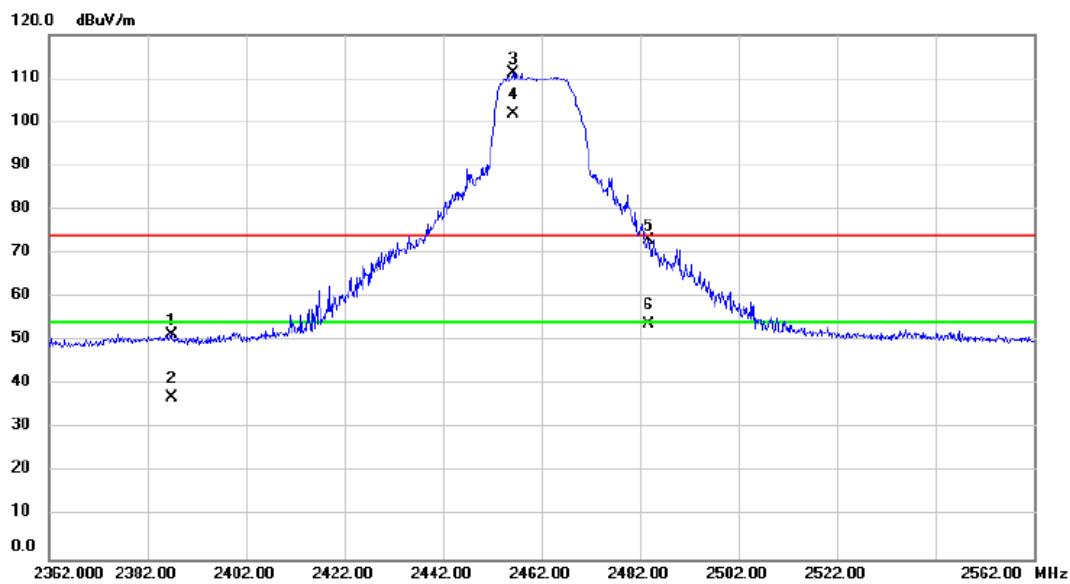


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Detector	Comment
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2389.200	68.76	5.24	74.00	74.00	0.00	peak	
2		2389.200	48.35	5.24	53.59	54.00	-0.41	AVG	
3	X	2414.400	105.5	5.29	110.79	74.00	36.79	peak	No Limit
4	*	2414.400	96.35	5.29	101.64	54.00	47.64	AVG	No Limit
5		2494.800	47.66	5.43	53.09	74.00	-20.91	peak	
6		2494.800	32.45	5.43	37.88	54.00	-16.12	AVG	

## REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/8/25
Test Frequency	2462MHz	Polarization	Vertical

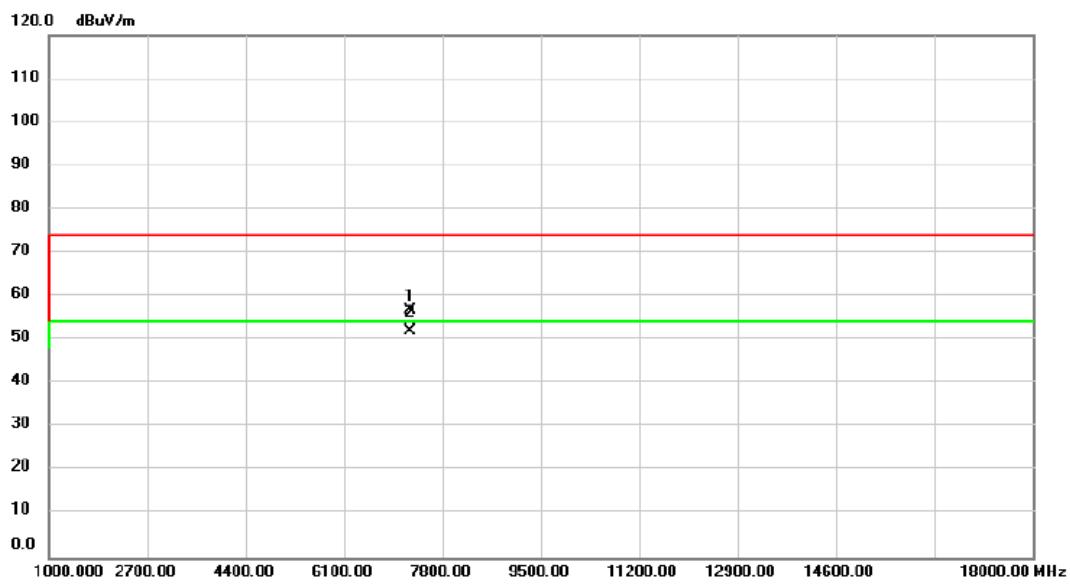


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Detector	Comment
			Level	Factor	ment				
1		2386.800	46.36	5.23	51.59	74.00	-22.41	peak	
2		2386.800	31.90	5.23	37.13	54.00	-16.87	AVG	
3	X	2456.200	105.8	5.36	111.20	74.00	37.20	peak	No Limit
4	*	2456.200	96.53	5.36	101.89	54.00	47.89	AVG	No Limit
5		2483.800	67.74	5.41	73.15	74.00	-0.85	peak	
6		2483.800	48.51	5.41	53.92	54.00	-0.08	AVG	

## REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/8/25
Test Frequency	2412MHz	Polarization	Horizontal

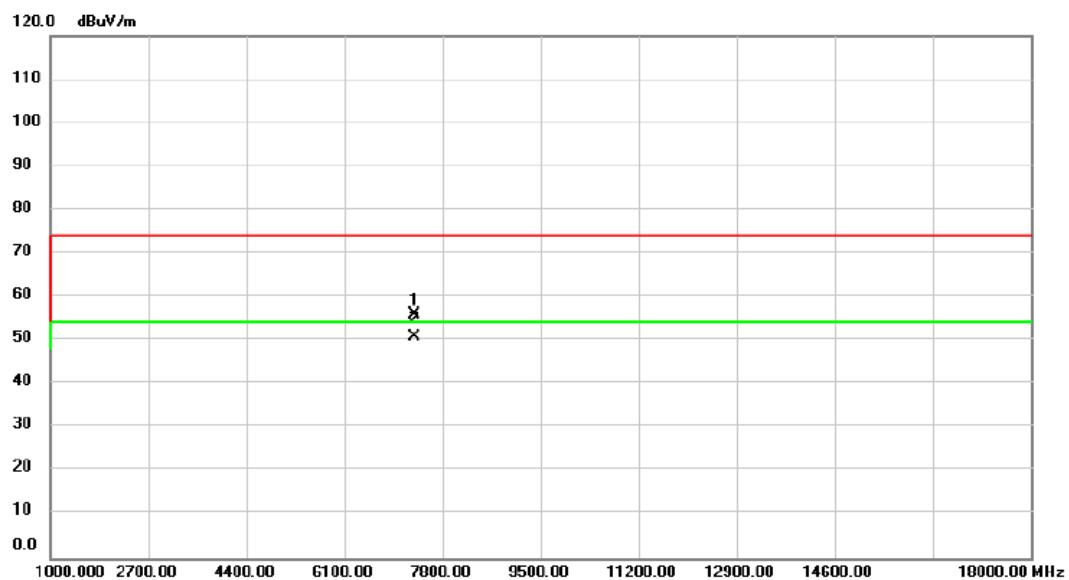


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dB	Detector	Comment
1		7236.000	50.42	6.40	56.82	74.00	-17.18	peak
2	*	7236.000	45.58	6.40	51.98	54.00	-2.02	AVG

**REMARKS:**

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

Test Mode	IEEE 802.11b	Test Date	2025/8/25
Test Frequency	2437MHz	Polarization	Horizontal

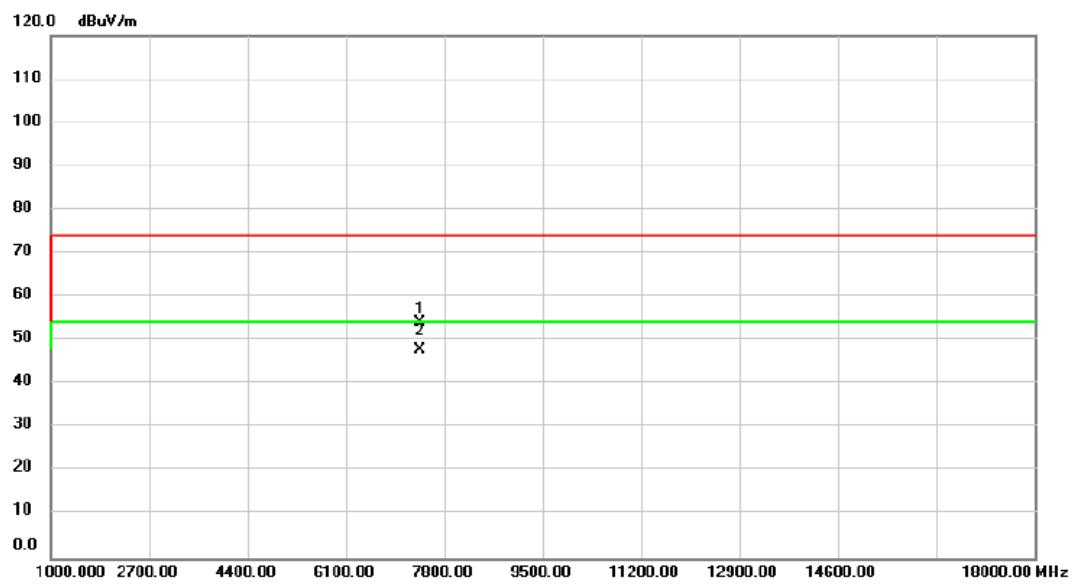


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7311.000	49.67	6.41	56.08	74.00	-17.92	peak	
2	*	7311.000	44.48	6.41	50.89	54.00	-3.11	AVG	

**REMARKS:**

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

Test Mode	IEEE 802.11b	Test Date	2025/8/25
Test Frequency	2462MHz	Polarization	Horizontal

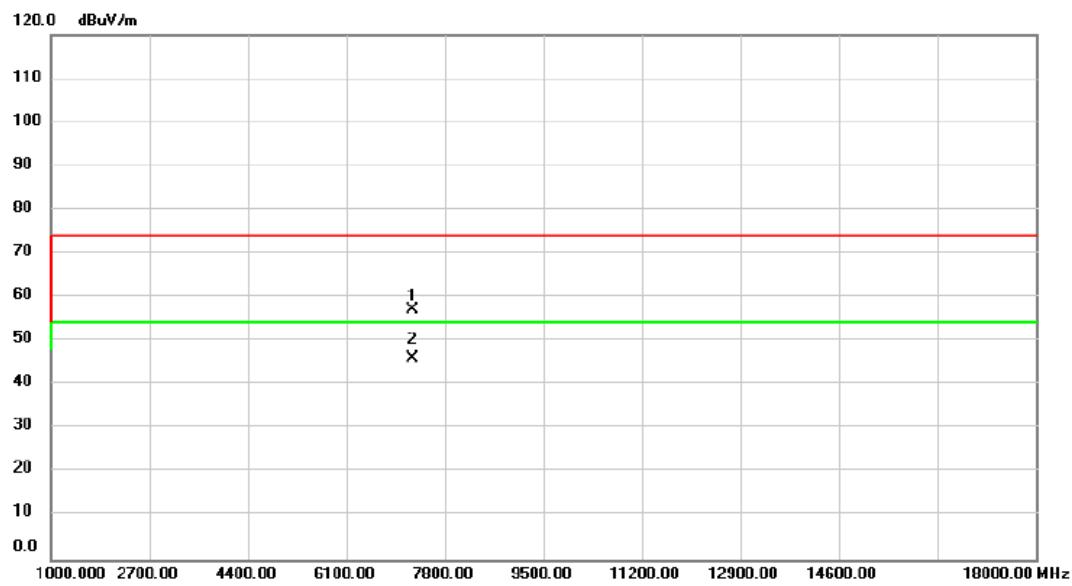


No.	Mk.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dB	Detector	Comment
1		7386.000	47.87	6.41	54.28	74.00	-19.72	peak
2	*	7386.000	41.41	6.41	47.82	54.00	-6.18	AVG

**REMARKS:**

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

Test Mode	IEEE 802.11g	Test Date	2025/8/25
Test Frequency	2412MHz	Polarization	Horizontal

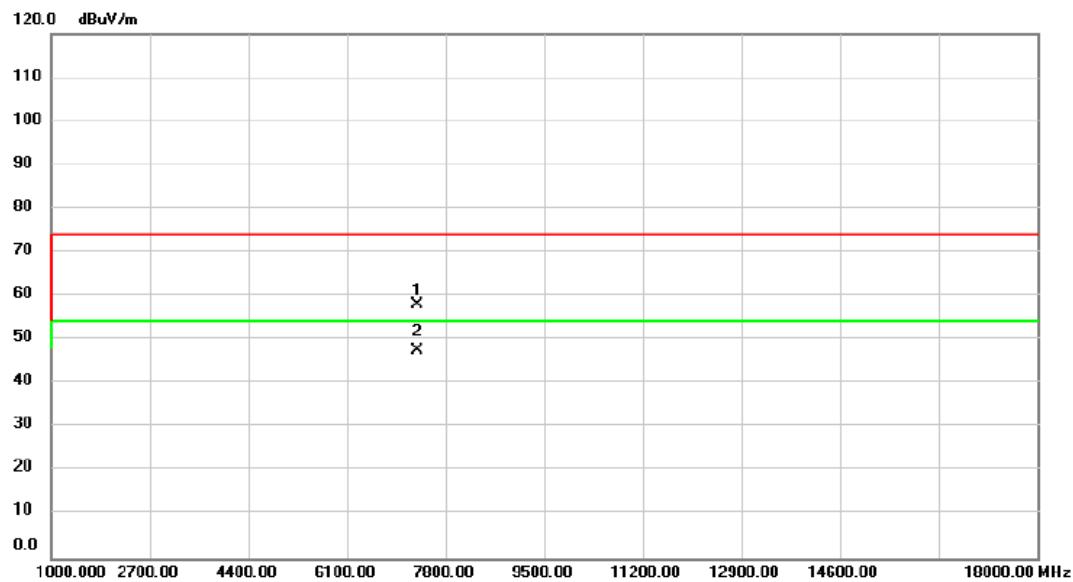


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dB	Detector	Comment
1		7236.000	50.73	6.40	57.13	74.00	-16.87	peak
2	*	7236.000	39.58	6.40	45.98	54.00	-8.02	AVG

**REMARKS:**

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

Test Mode	IEEE 802.11g	Test Date	2025/8/25
Test Frequency	2437MHz	Polarization	Horizontal

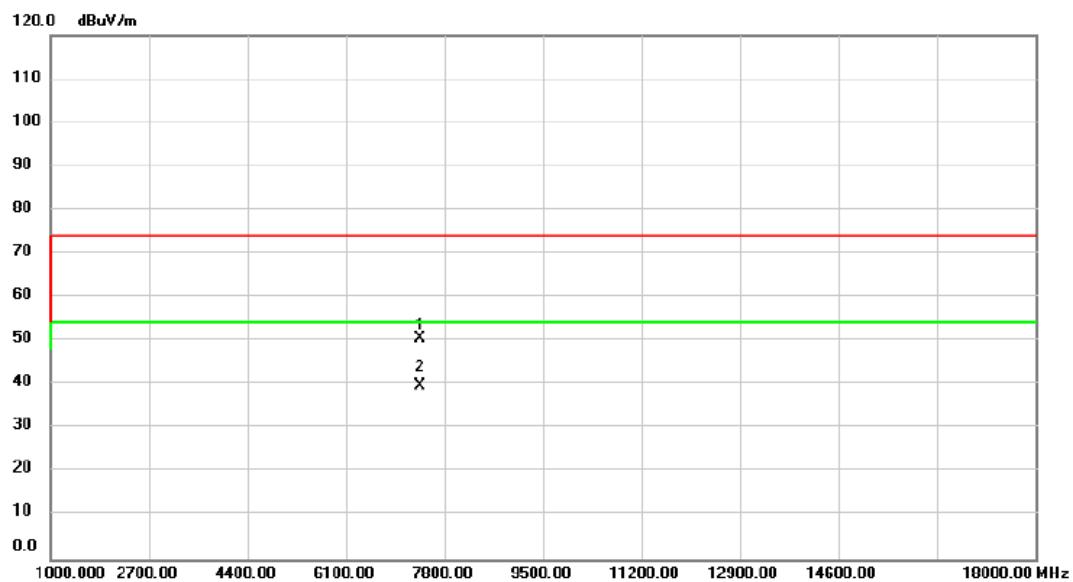


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dB	Detector	Comment
1		7311.000	51.76	6.41	58.17	74.00	-15.83	peak
2	*	7311.000	41.28	6.41	47.69	54.00	-6.31	AVG

**REMARKS:**

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

Test Mode	IEEE 802.11g	Test Date	2025/8/25
Test Frequency	2462MHz	Polarization	Horizontal

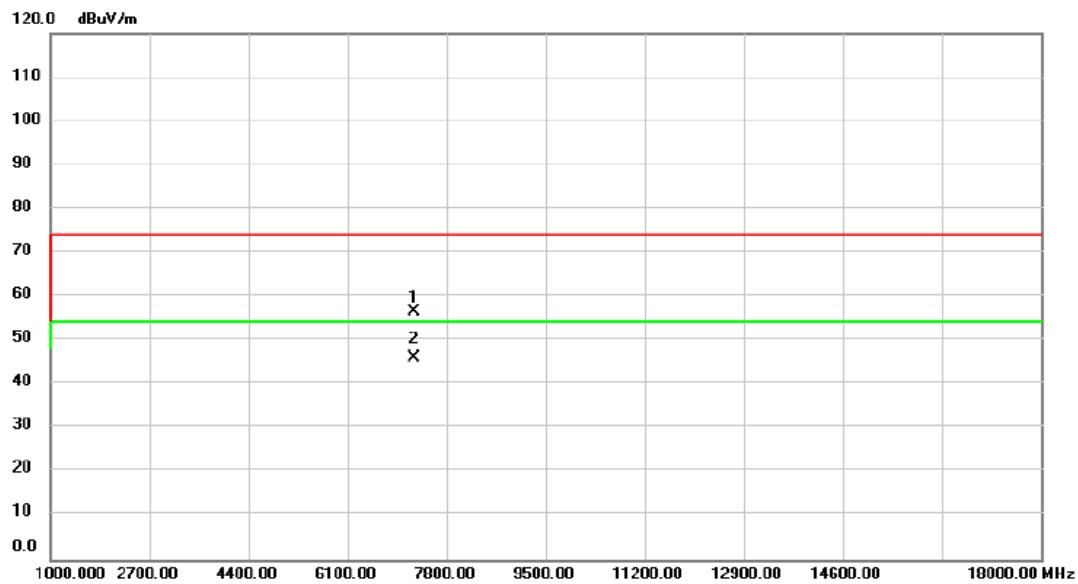


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dB	Detector	Comment
1		7386.000	44.11	6.41	50.52	74.00	-23.48	peak
2	*	7386.000	33.41	6.41	39.82	54.00	-14.18	AVG

**REMARKS:**

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/8/25
Test Frequency	2412MHz	Polarization	Horizontal

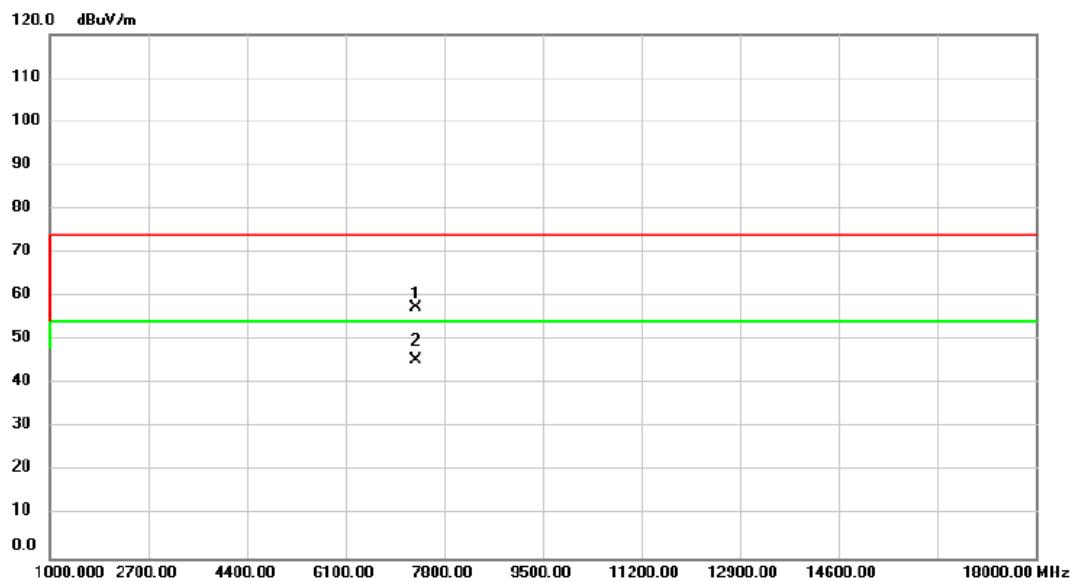


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin
			Level	Factor	ment		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1		7236.000	50.06	6.40	56.46	74.00	-17.54 peak
2	*	7236.000	39.55	6.40	45.95	54.00	-8.05 AVG

**REMARKS:**

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/8/25
Test Frequency	2437MHz	Polarization	Horizontal

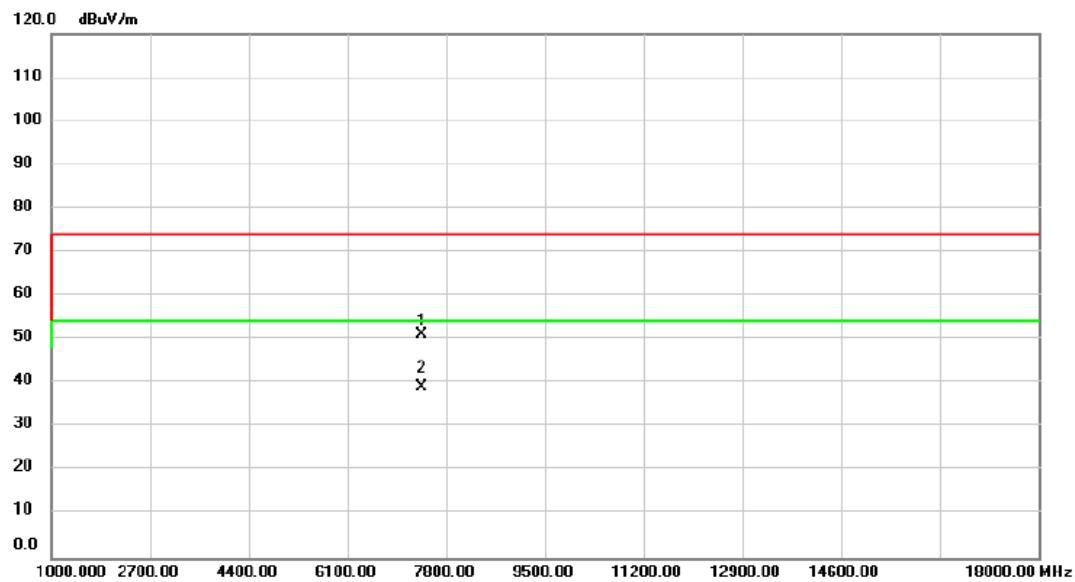


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dB	Detector	Comment
1		7311.000	51.15	6.41	57.56	74.00	-16.44	peak
2	*	7311.000	39.18	6.41	45.59	54.00	-8.41	AVG

**REMARKS:**

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/8/25
Test Frequency	2462MHz	Polarization	Horizontal

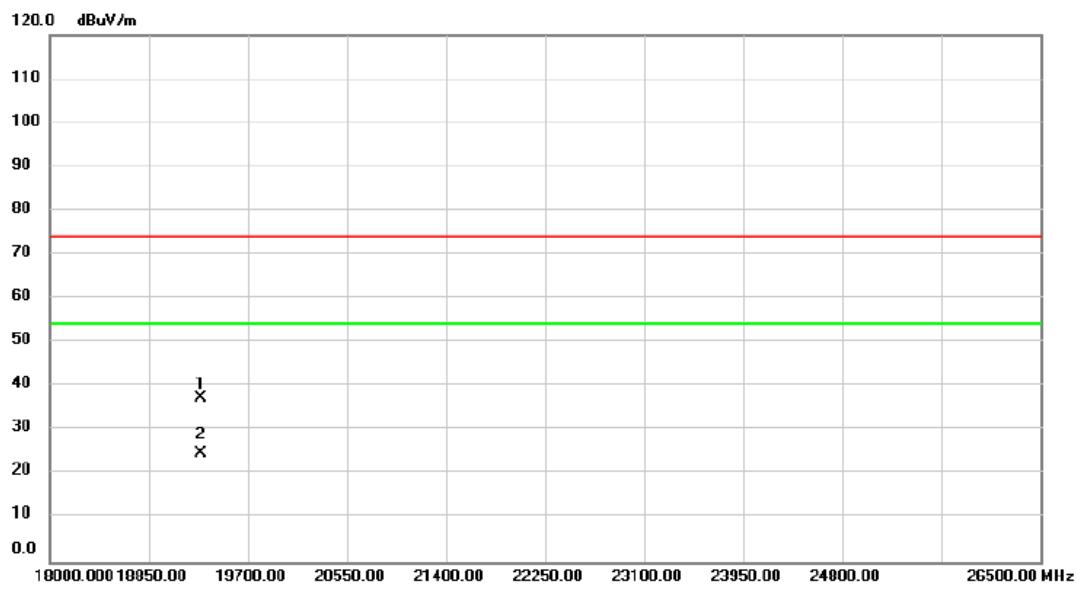


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin
		MHz	dBuV	dB	dBuV/m	dB	Detector Comment
1		7386.000	44.66	6.41	51.07	74.00	-22.93 peak
2	*	7386.000	32.87	6.41	39.28	54.00	-14.72 AVG

**REMARKS:**

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

Test Mode	IEEE 802.11b	Test Date	2025/8/25
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19296.00	47.19	-9.85	37.34	74.00	-36.66	peak	
2	*	19296.00	34.45	-9.85	24.60	54.00	-29.40	AVG	

**REMARKS:**

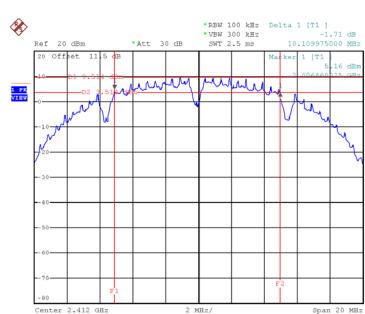
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

## **APPENDIX D BANDWIDTH**

Test Mode IEEE 802.11b

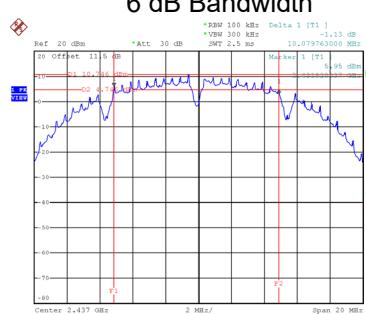
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	10.110	15.040	0.5	Complies
06	2437	10.080	15.200	0.5	Complies
11	2462	10.130	15.120	0.5	Complies

**CH01**



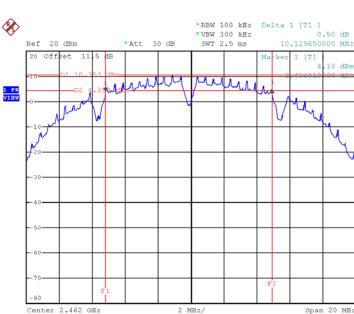
Date: 25.AUG.2025 14:06:45

**CH06**  
6 dB Bandwidth



Date: 25.AUG.2025 14:09:48

**CH11**

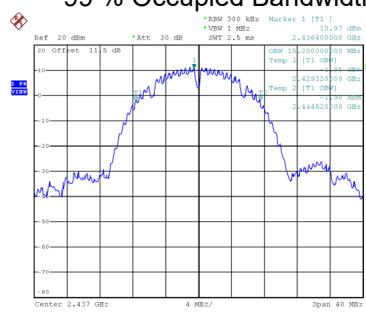


Date: 25.AUG.2025 14:11:47

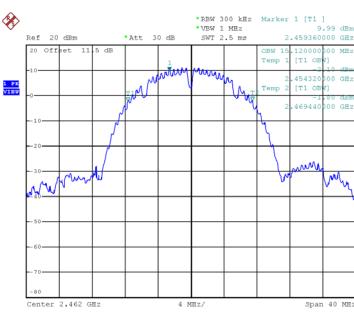
**99 % Occupied Bandwidth**



Date: 25.AUG.2025 14:06:53



Date: 25.AUG.2025 14:09:57

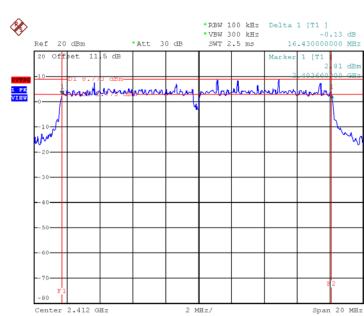


Date: 25.AUG.2025 14:11:56

Test Mode | IEEE 802.11g

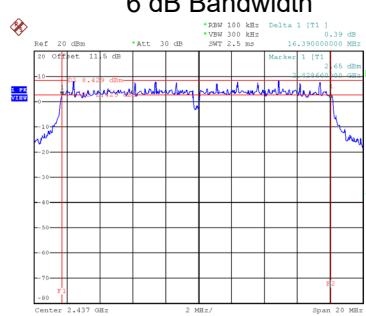
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.430	18.720	0.5	Complies
06	2437	16.390	18.160	0.5	Complies
11	2462	16.400	17.760	0.5	Complies

**CH01**



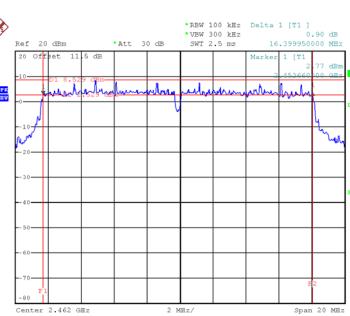
Date: 25.AUG.2025 14:17:17

**CH06**  
6 dB Bandwidth



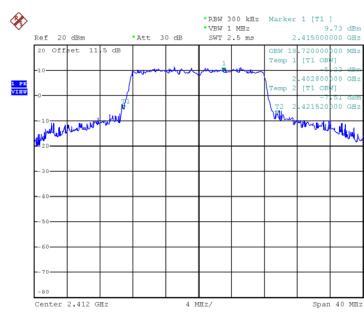
Date: 25.AUG.2025 14:28:18

**CH11**



Date: 25.AUG.2025 14:32:42

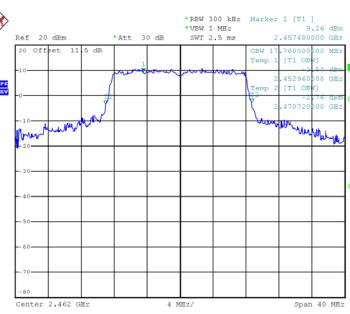
**99 % Occupied Bandwidth**



Date: 25.AUG.2025 14:17:26



Date: 25.AUG.2025 14:28:27

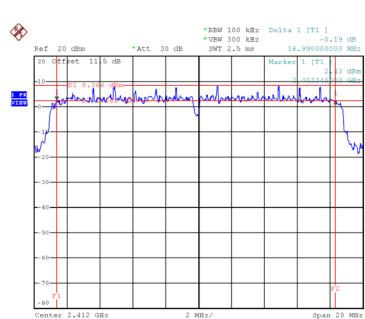


Date: 25.AUG.2025 14:32:51

Test Mode IEEE 802.11n (HT20)

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.990	18.240	0.5	Complies
06	2437	17.079	18.560	0.5	Complies
11	2462	17.120	19.120	0.5	Complies

**CH01**



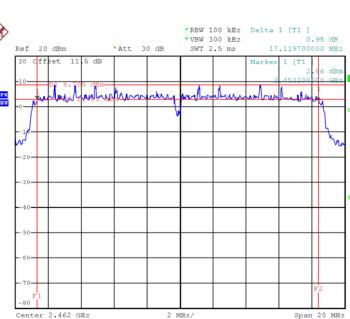
Date: 25.AUG.2025 14:37:56

**CH06**  
6 dB Bandwidth



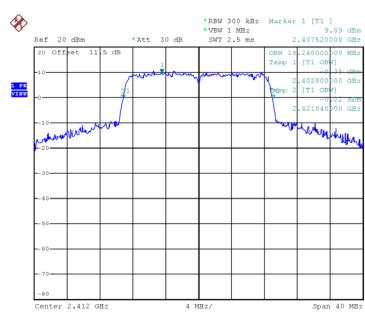
Date: 25.AUG.2025 14:43:08

**CH11**

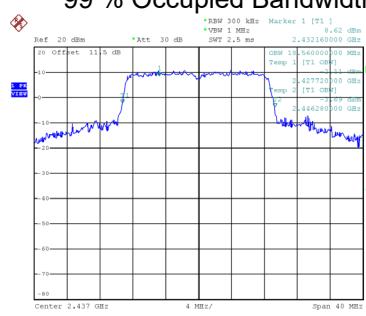


Date: 25.AUG.2025 14:44:46

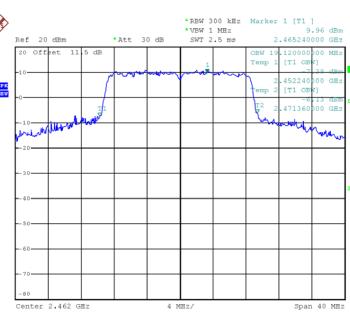
**99 % Occupied Bandwidth**



Date: 25.AUG.2025 14:38:04



Date: 25.AUG.2025 14:43:17



Date: 25.AUG.2025 14:44:55

## **APPENDIX E    OUTPUT POWER**

Test Mode	IEEE 802.11b	Tested Date	2025/8/25
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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	18.75	0.46	19.21	30.00	1.0000	Complies
06	2437	18.96	0.46	19.42	30.00	1.0000	Complies
11	2462	18.87	0.46	19.33	30.00	1.0000	Complies

Test Mode	IEEE 802.11g	Tested Date	2025/8/25
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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	15.68	0.48	16.16	30.00	1.0000	Complies
06	2437	18.77	0.48	19.25	30.00	1.0000	Complies
11	2462	15.38	0.48	15.86	30.00	1.0000	Complies

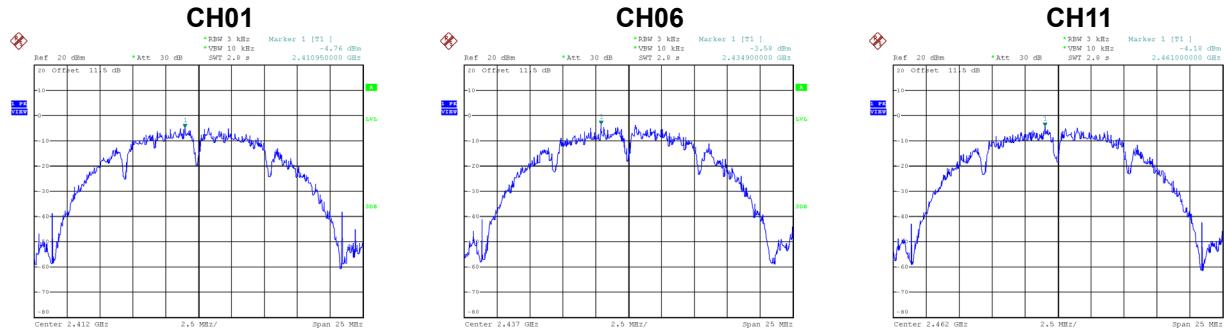
Test Mode	IEEE 802.11n (HT20)	Tested Date	2025/8/25
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.55	0.46	16.01	30.00	1.0000	Complies
06	2437	18.68	0.46	19.14	30.00	1.0000	Complies
11	2462	15.28	0.46	15.74	30.00	1.0000	Complies

## **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	-4.76	8.00	Complies
06	2437	-3.58	8.00	Complies
11	2462	-4.18	8.00	Complies



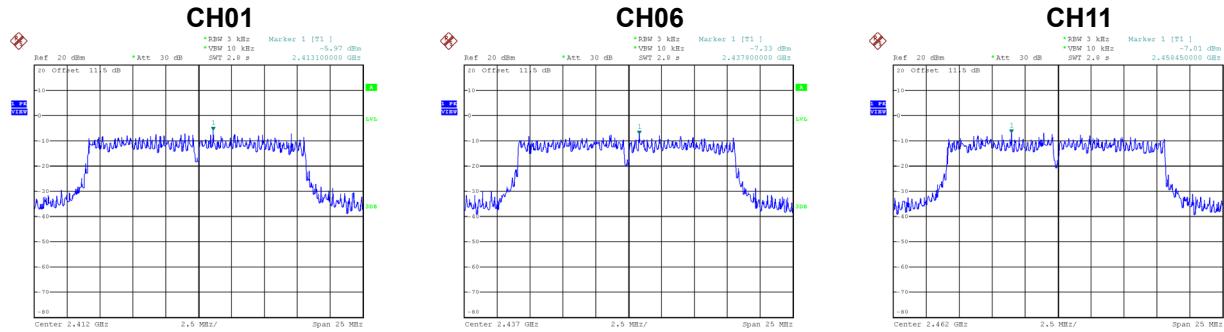
Date: 25.AUG.2025 14:07:47

Date: 25.AUG.2025 14:10:50

Date: 25.AUG.2025 14:12:49

Test Mode	IEEE 802.11g
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-5.97	8.00	Complies
06	2437	-7.33	8.00	Complies
11	2462	-7.01	8.00	Complies



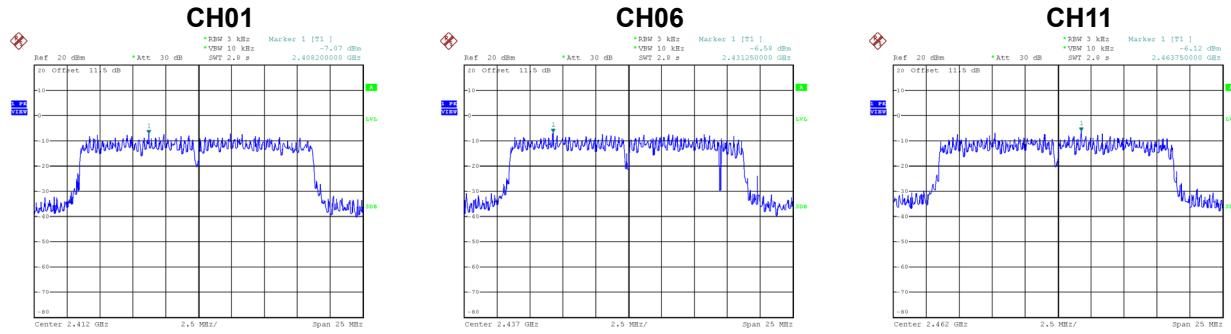
Date: 25.AUG.2025 14:18:19

Date: 25.AUG.2025 14:29:20

Date: 25.AUG.2025 14:33:44

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	-7.07	8.00	Complies
06	2437	-6.58	8.00	Complies
11	2462	-6.12	8.00	Complies

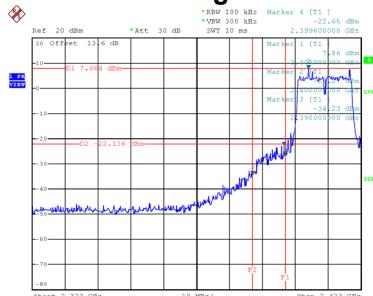
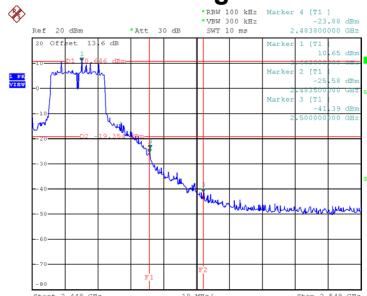


**APPENDIX G ANTENNA CONDUCTED SPURIOUS EMISSIONS**



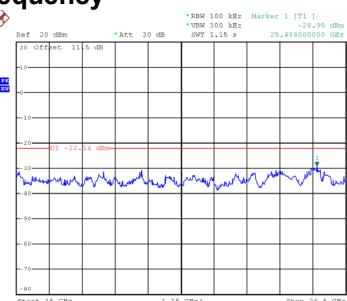
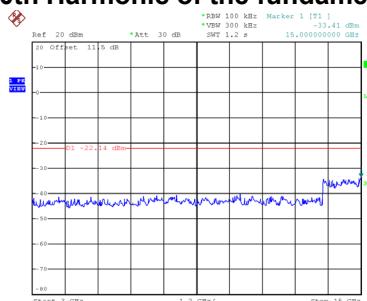
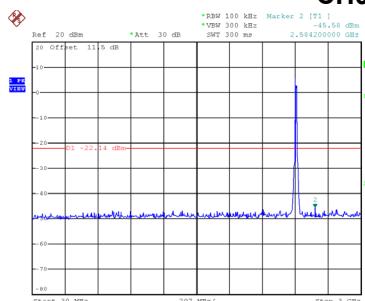
Test Mode

IEEE 802.11g

**Bandedge-CH01****Bandedge-CH11**

Date: 25.AUG.2025 14:23:32

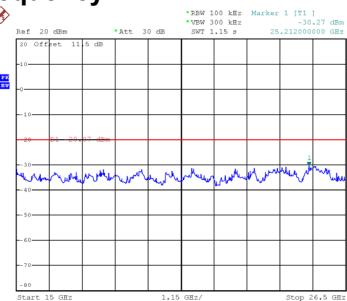
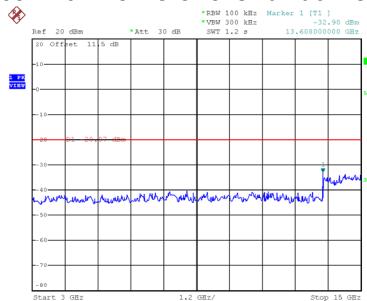
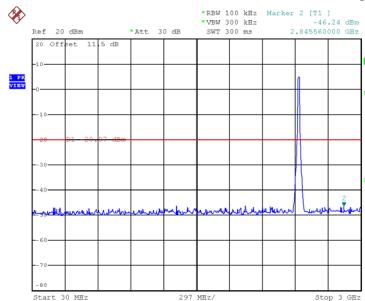
Date: 25.AUG.2025 14:33:00

**CH01 – 10th Harmonic of the fundamental frequency**

Date: 25.AUG.2025 14:23:47

Date: 25.AUG.2025 14:23:56

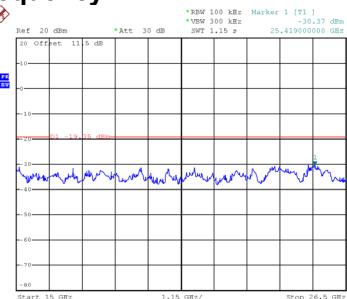
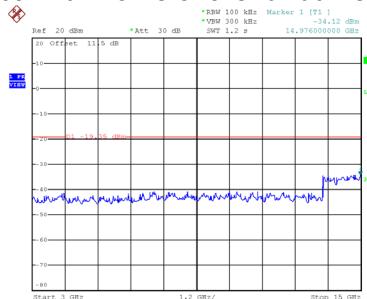
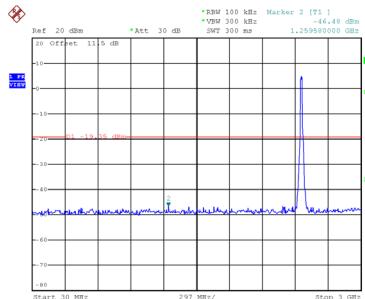
Date: 25.AUG.2025 14:24:06

**CH06 – 10th Harmonic of the fundamental frequency**

Date: 25.AUG.2025 14:26:51

Date: 25.AUG.2025 14:29:00

Date: 25.AUG.2025 14:29:09

**CH11 – 10th Harmonic of the fundamental frequency**

Date: 25.AUG.2025 14:33:15

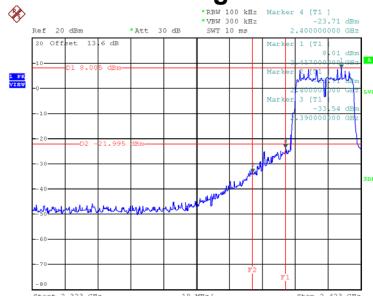
Date: 25.AUG.2025 14:33:24

Date: 25.AUG.2025 14:33:34

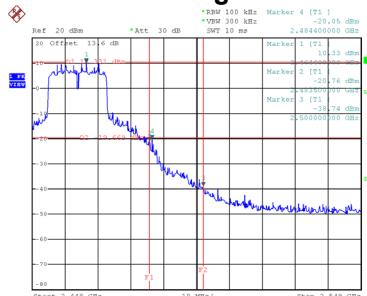
Test Mode

IEEE 802.11n (HT20)

### Bandedge-CH01



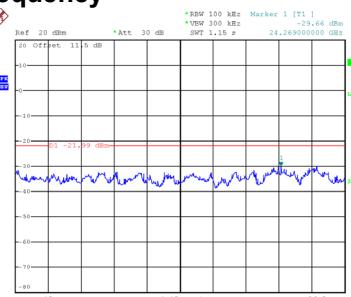
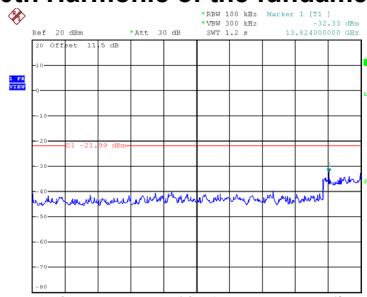
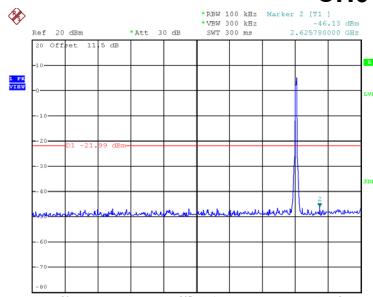
### Bandedge-CH11



Date: 25.AUG.2025 14:39:37

Date: 25.AUG.2025 14:45:04

### CH01 – 10th Harmonic of the fundamental frequency

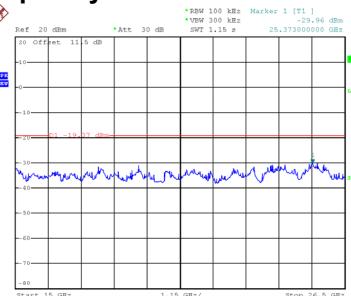
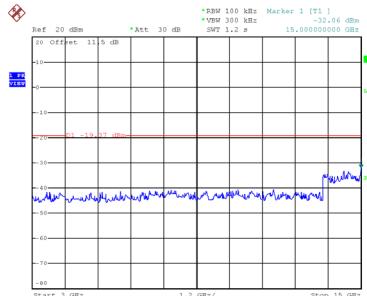
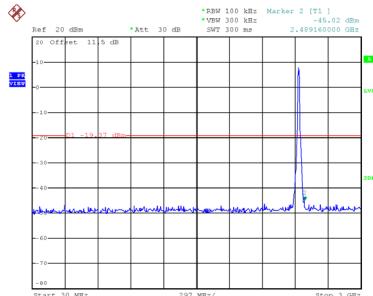


Date: 25.AUG.2025 14:39:53

Date: 25.AUG.2025 14:40:02

Date: 25.AUG.2025 14:40:11

### CH06 – 10th Harmonic of the fundamental frequency

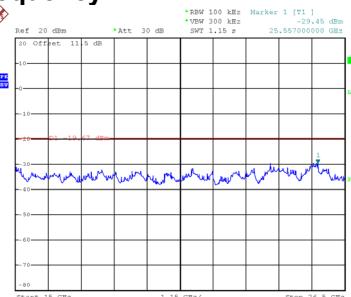
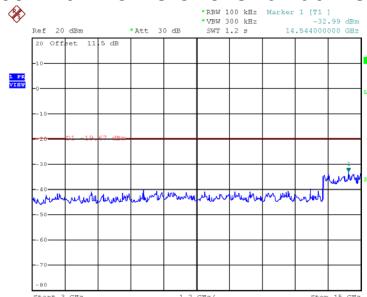
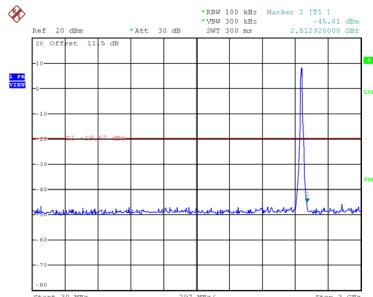


Date: 25.AUG.2025 14:43:42

Date: 25.AUG.2025 14:43:51

Date: 25.AUG.2025 14:44:00

### CH11 – 10th Harmonic of the fundamental frequency



Date: 25.AUG.2025 14:45:19

Date: 25.AUG.2025 14:45:29

Date: 25.AUG.2025 14:45:38

**End of Test Report**