FCC Radio Test Report

FCC ID: 2BDWL2417249

Report No.	:	BTL-FCCP-2-2407E003
Equipment	:	TELUS Indoor camera device
Model Name	:	ICF
Brand Name	:	TELUS
Applicant	:	TELUS Communications Inc.
Address	:	7th Floor,510 West Georgia Street,Vancouver, BC,V6B0M3 Canada
Radio Function	:	WLAN 2.4 GHz
FCC Rule Part(s)	:	FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2024/8/12
Date of Test	:	2024/8/12 ~ 2024/8/24
Issued Date	:	2024/9/9

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

Prepared by : Poken Huang, Engineer

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Declaration

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

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

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

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

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

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

Limitation

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

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

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2407E003	R00	Original Report.	2024/9/6	Invalid
BTL-FCCP-2-2407E003	R01	Only the Part number of the antenna was added.	2024/9/9	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 C APPENDIX D APPENDIX E	Pass	------
15.247(a)	Bandwidth	APPENDIX E	Pass	------
15.247(b)	Maximum Output Power	APPENDIX F	Pass	------
15.247(e)	Power Spectral Density	APPENDIX G	Pass	------
15.247(d)	Antenna conducted Spurious Emission	APPENDIX H	Pass	------
15.203	Antenna Requirement	------	Pass	NOTE (3)

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

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.
The test location(s) used to collect the test data in this report are:
(FCC DN: TW0659)
No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
☒ CB21 ☒ C06

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ± U**, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k = 2**, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C06	CISPR	150 kHz ~ 30MHz	2.4498

B. Radiated emissions test:

Test Site	Measurement Frequency Range	U (dB)
CB21	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	0.53
V	0.37
Power Spectral Density	0.66
Conducted Spurious emissions	0.53
Conducted Band edges	0.53

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

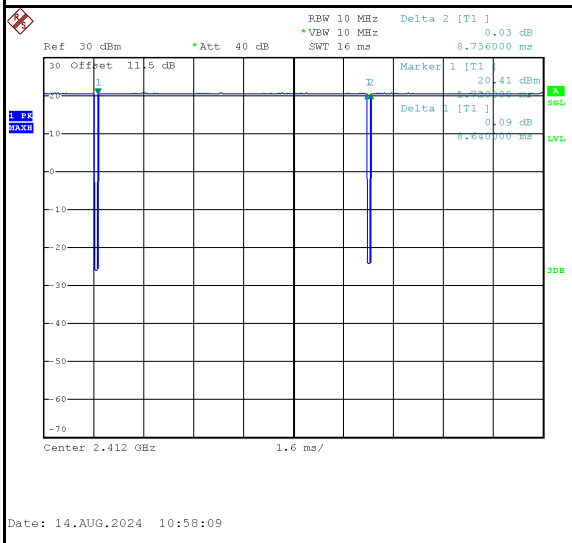
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	AC 120 V	Ken Lu
Radiated emissions below 1 GHz	26°C, 61%	AC 120 V	Ken Lu
Radiated emissions above 1 GHz	25°C, 65%	AC 120 V	Ken Lu
Bandwidth	25°C, 79%	AC 120 V	Cheng Tsai
Maximum Output Power	25°C, 79%	AC 120 V	Cheng Tsai
Power Spectral Density	25°C, 79%	AC 120 V	Cheng Tsai
Antenna conducted Spurious Emission	25°C, 79%	AC 120 V	Cheng Tsai

1.4 DUTY CYCLE

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

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	8.640	1	8.640	8.736	98.90%	0.05
IEEE 802.11g	1.440	1	1.440	1.540	93.51%	0.29
IEEE 802.11n (HT20)	1.340	1	1.340	1.440	93.06%	0.31
IEEE 802.11ax (HE20)	0.132	1	0.132	0.236	55.93%	2.52

IEEE 802.11b



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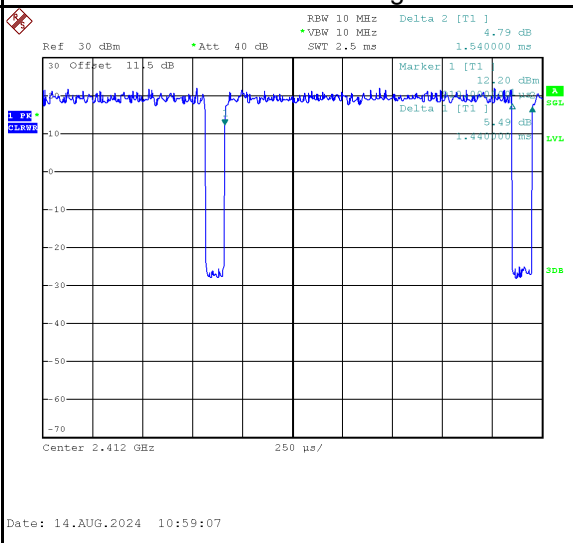
IEEE 802.11g



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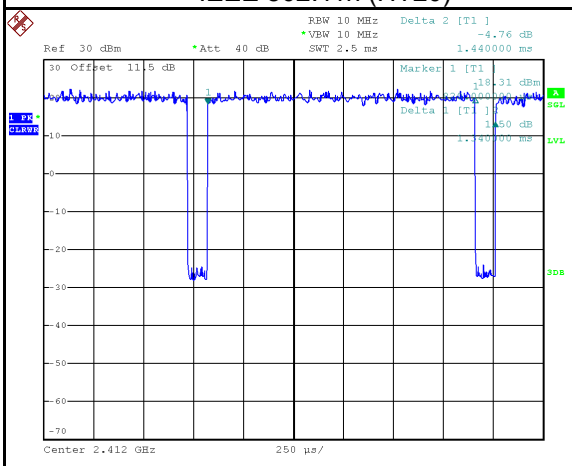
IEEE 802.11n (HT20)



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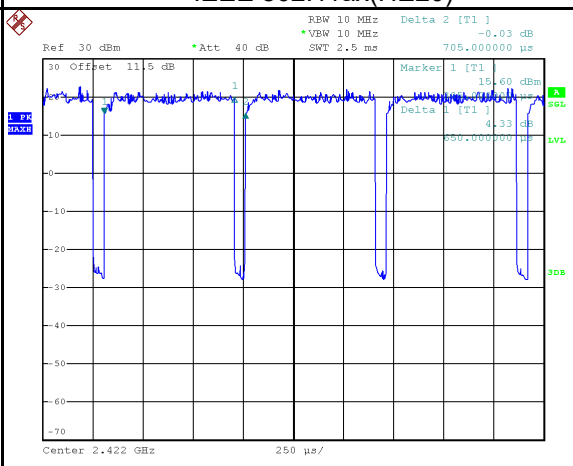
IEEE 802.11ax(HE20)



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2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	TELUS Indoor camera device
Brand Name	TELUS
Model Name	ICF
Model Difference	N/A
Hardware Version	DVT
Software Version	v0.03.011
Power Source	DC voltage supplied from AC adapter. Model: DSA-20PDB FUS
Power Rating	I/P: 100-240V 50/60Hz 0.6A O/P:+5.0V⎓3.0A, +9.0V⎓2.22A, +12.0V⎓1.66A
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 144.4 Mbps IEEE 802.11ax: up to 286.8 Mbps
Output Power Max.	IEEE 802.11b: 21.79 dBm (0.1510 W)

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

(2) Channel List:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20), IEEE 802.11ax(HE20)							
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.	Manufacturer	P/N	Type	Connector	Gain (dBi)
Main	FIT Hon Teng Limited	ANTP2M1-CZZ30 -EH	PIFA	N/A	2.59
AUX	FIT Hon Teng Limited	ANTP2M1-CZZ31 -EH	PIFA	N/A	2.44

NOTE:

a) The EUT incorporates a CDD function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

b) For Output Power

For N_{ANT} = 2 < 5,

Direction gain = G_{ANT} + 0 = 2.59 + 0 = 2.59 dBi.

The Direction gain is less than 6 dBi, so output power limits will not be reduced.

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

(5) Operating Mode and Antenna Configuration

Operating Mode / TX Mode	2TX
IEEE 802.11b	V (Ant. 1+Ant. 2)
IEEE 802.11g	V (Ant. 1+Ant. 2)
IEEE 802.11n (HT20)	V (Ant. 1+Ant. 2)
IEEE 802.11ax (HE20)	V (Ant. 1+Ant. 2)

2.2 TEST MODES

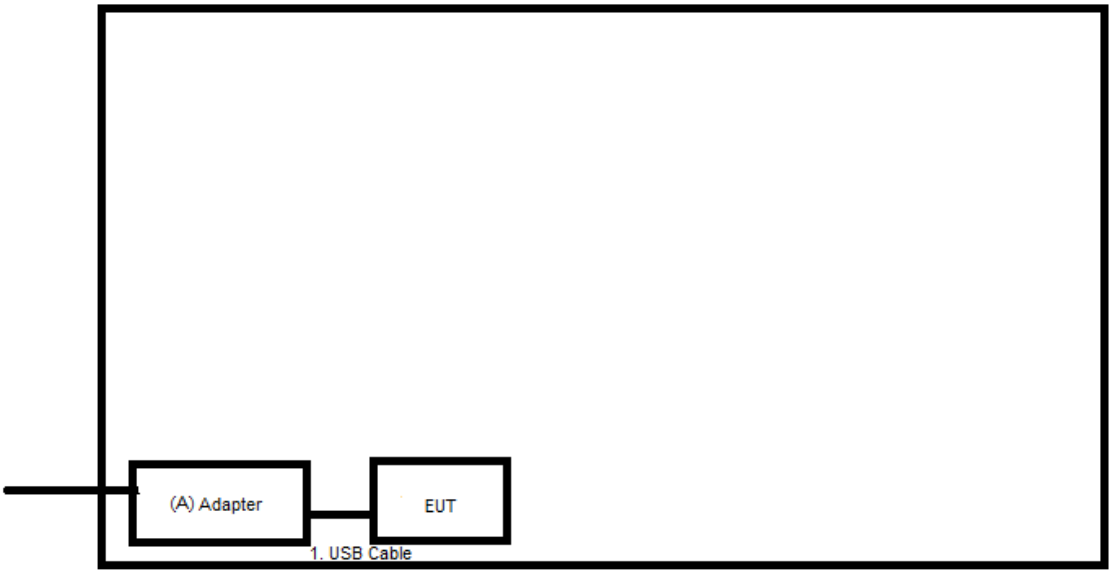
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11b	06	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ax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

NOTE:
(1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
(2) IEEE 802.11ax mode and IEEE 802.11be mode only supports full RU, so only the full RU is evaluated and measured inside report.
(3) For radiated emission below 1 GHz test, the TX B Mode Channel 06 is found to be the worst case and recorded.
(4) For radiated emission Harmonic 18-26.5GHz test, only tested the worst case and recorded.

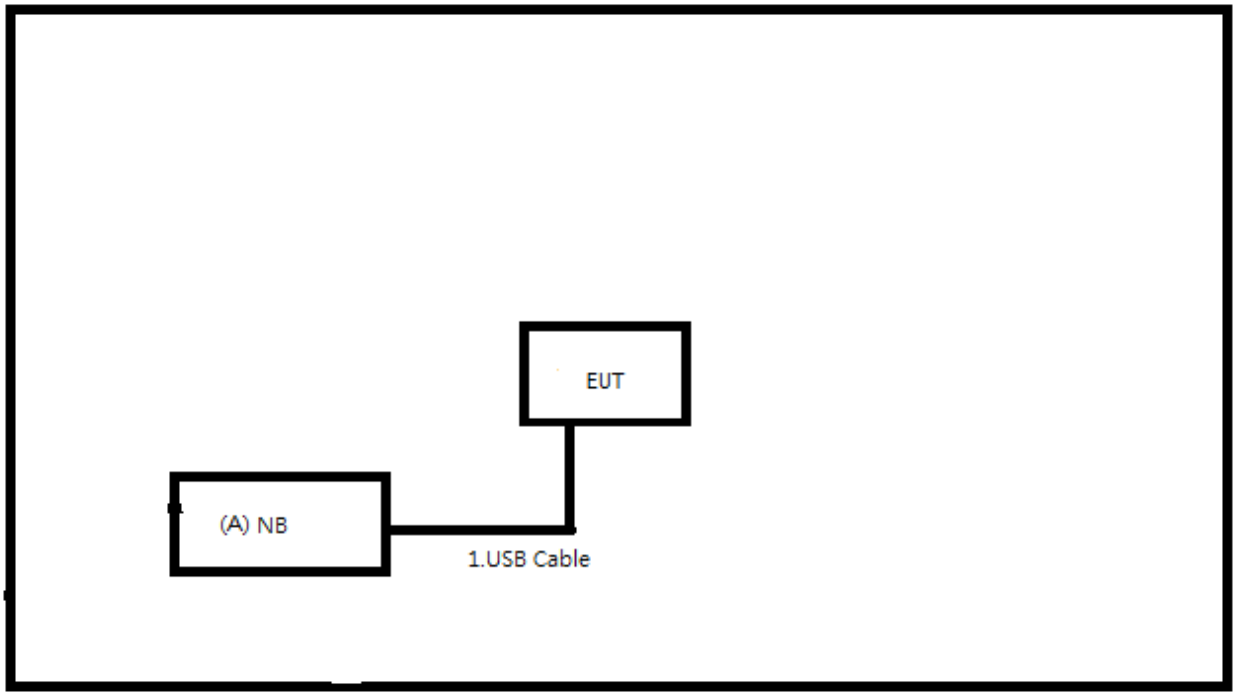
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

AC power line conducted emissions

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	N/A	DSA-20PDB	N/A	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	USB Cable	N	N	1.6m	Supplied by test requester.

Radiated Emissions

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	USB Cable	N	N	1.6m	Supplied by test requester.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

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

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

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

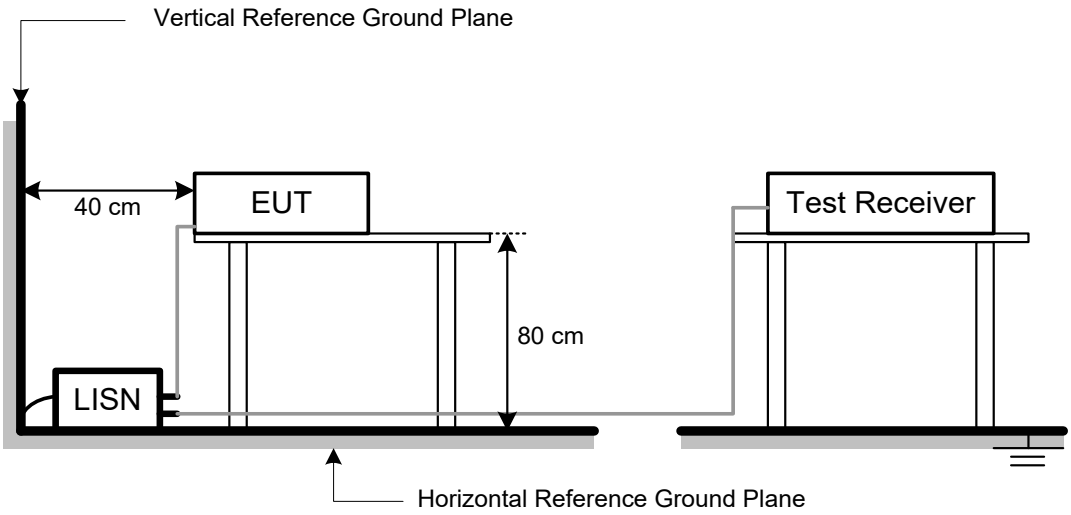
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.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

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

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

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

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

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

Mode	VBW(Hz)
IEEE 802.11b	1.8k
IEEE 802.11g	750
IEEE 802.11n (HT20)	300
IEEE 802.11ax (HE20)	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

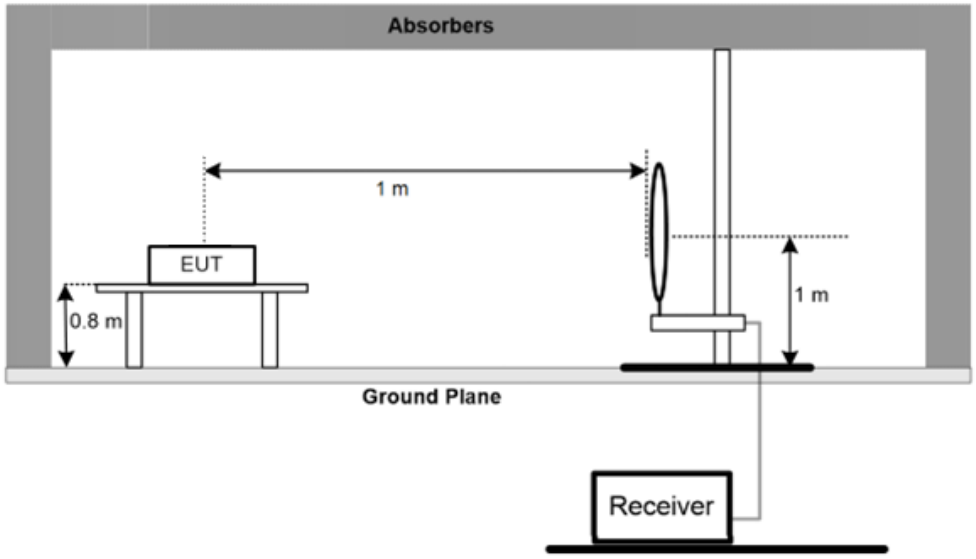
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance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

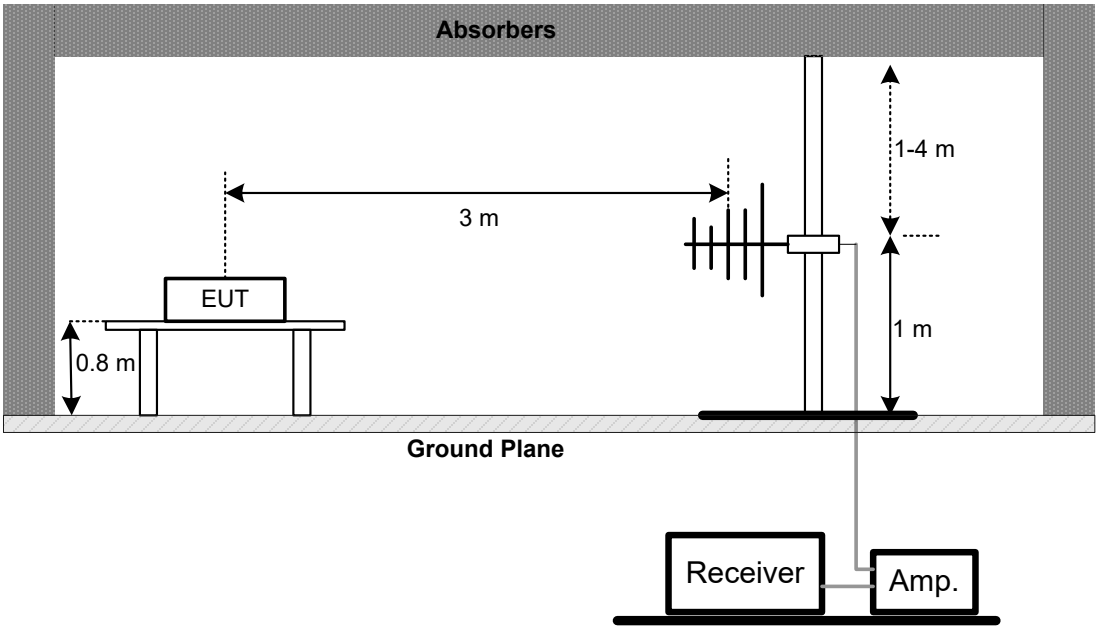
No deviation.

4.4 TEST SETUP

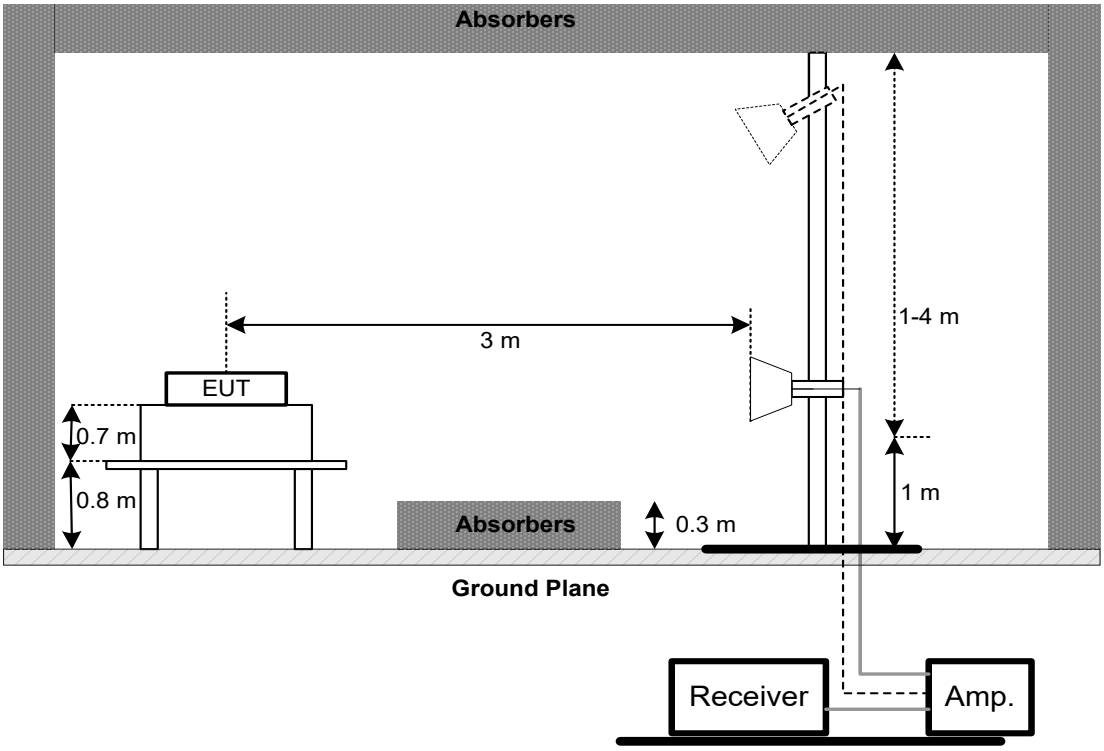
9 kHz to 30 MHz



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

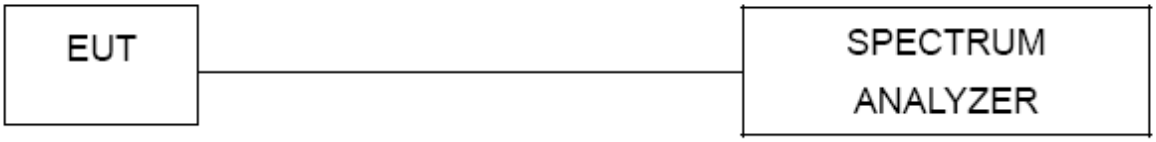
5.2 TEST PROCEDURE

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 MAXIMUM OUTPUT POWER TEST

6.1 LIMIT

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

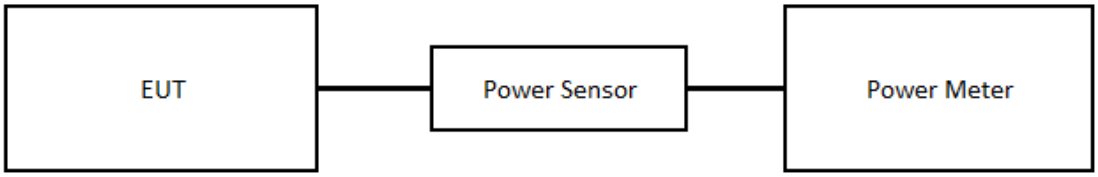
6.2 TEST PROCEDURE

a. The EUT was directly connected to the Peak Power Analyzer and antenna output port as show in the block diagram below.
b. The maximum peak conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.
c. Subclause 11.9.1.1 of ANSI C63.10 is applied. The maximum peak conducted output power may be measured using a broadband peak RF power meter.
The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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

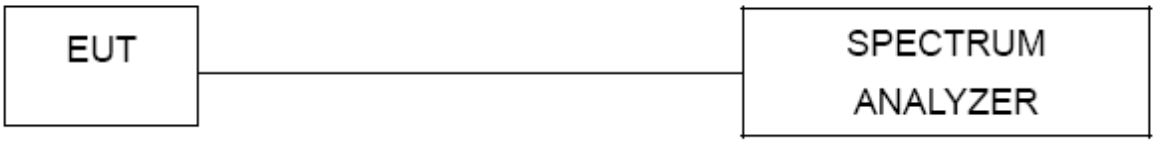
7.2 TEST PROCEDURE

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

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

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

8.2 TEST PROCEDURE

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

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP

8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX G.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Two-Line V-Network	R&S	ENV216	101051	2024/6/26	2025/6/25
2	Test Cable	EMCI	EMCRG58-BM-BM-9000	210501	2023/12/11	2024/12/10
3	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
4	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Pre-Amplifier	EMCI	EMC118A45SE	980819	2024/3/6	2025/3/5
2	Test Cable	EMCI	EMC104-SM-1000	180809	2024/3/8	2025/3/8
3	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2024/3/8	2025/3/8
4	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2024/3/8	2025/3/8
5	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2024/5/17	2025/5/17
6	Pre-Amplifier	EMCI	EMC184045SE	980907	2023/9/21	2024/9/20
7	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2024/3/13	2025/3/13
8	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2024/3/13	2025/3/13
9	EXA Spectrum Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22
10	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2024/6/14	2025/6/13
11	EXA Spectrum Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22
12	Pre-Amplifier	EMCI	EMC330N	980850	2023/9/6	2024/9/5
13	Test Cable	EMCI	EMC104-SM-1000	180809	2024/3/8	2025/3/8
14	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2024/3/8	2025/3/8
15	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2024/3/8	2025/3/8
16	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

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

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

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

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

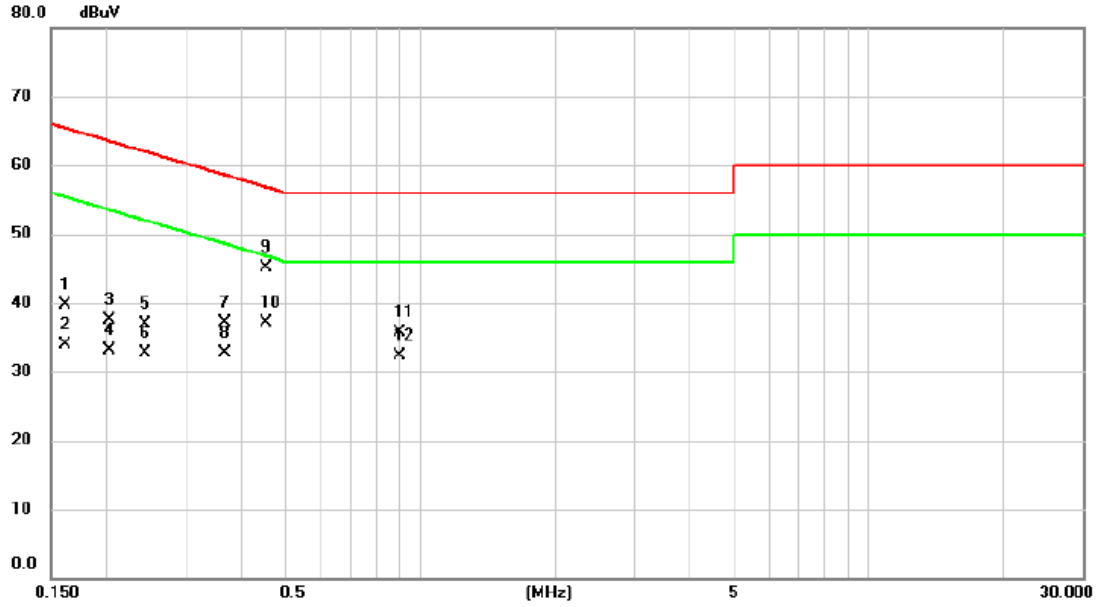
Please refer to document Appendix No.: TP-2407E003-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2407E003-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

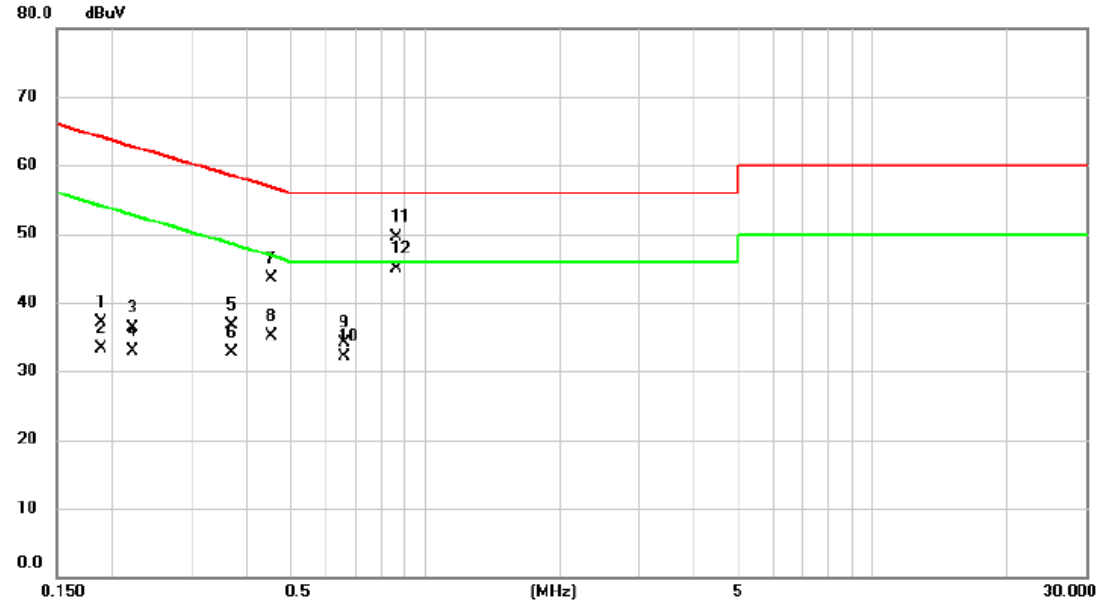
Test Mode	Normal	Tested Date	2024/8/14
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1615	30.08	9.65	39.73	65.39	-25.66	QP	
2		0.1615	24.31	9.65	33.96	55.39	-21.43	AVG	
3		0.2031	27.86	9.64	37.50	63.48	-25.98	QP	
4		0.2031	23.46	9.64	33.10	53.48	-20.38	AVG	
5		0.2438	27.19	9.64	36.83	61.97	-25.14	QP	
6		0.2438	23.12	9.64	32.76	51.97	-19.21	AVG	
7		0.3667	27.46	9.65	37.11	58.58	-21.47	QP	
8		0.3667	23.03	9.65	32.68	48.58	-15.90	AVG	
9		0.4521	35.35	9.66	45.01	56.84	-11.83	QP	
10	*	0.4521	27.43	9.66	37.09	46.84	-9.75	AVG	
11		0.9005	26.09	9.69	35.78	56.00	-20.22	QP	
12		0.9005	22.55	9.69	32.24	46.00	-13.76	AVG	

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

Test Mode	Normal	Tested Date	2024/8/14
Test Frequency	-	Phase	Neutral

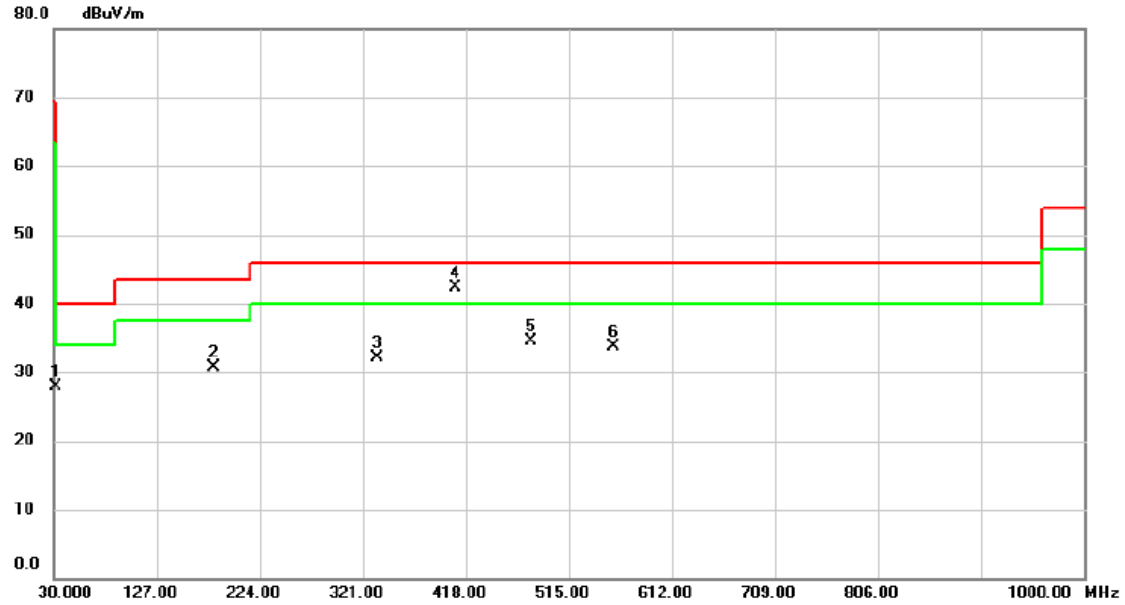


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1884	27.47	9.63	37.10	64.11	-27.01	QP	
2		0.1884	23.74	9.63	33.37	54.11	-20.74	AVG	
3		0.2221	26.60	9.63	36.23	62.74	-26.51	QP	
4		0.2221	23.27	9.63	32.90	52.74	-19.84	AVG	
5		0.3688	27.07	9.63	36.70	58.53	-21.83	QP	
6		0.3688	23.09	9.63	32.72	48.53	-15.81	AVG	
7		0.4531	33.82	9.64	43.46	56.82	-13.36	QP	
8		0.4531	25.46	9.64	35.10	46.82	-11.72	AVG	
9		0.6575	24.41	9.65	34.06	56.00	-21.94	QP	
10		0.6575	22.38	9.65	32.03	46.00	-13.97	AVG	
11		0.8600	39.74	9.68	49.42	56.00	-6.58	QP	
12	*	0.8600	35.22	9.68	44.90	46.00	-1.10	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

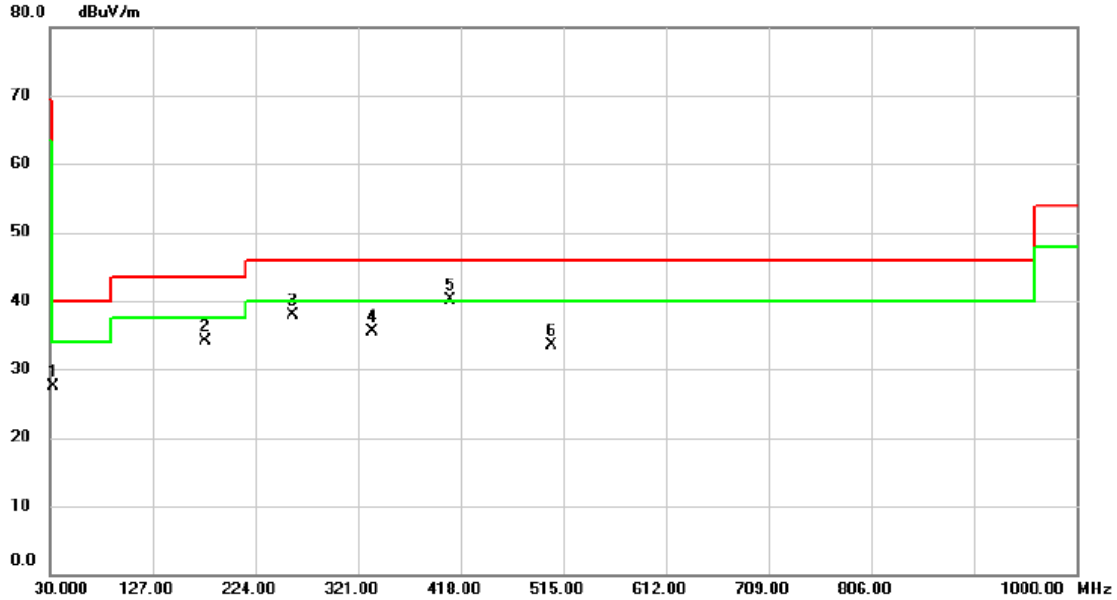
Test Mode	IEEE 802.11b	Test Date	2024/8/23
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.6813	41.09	-13.25	27.84	40.00	-12.16	peak	
2		180.1883	44.16	-13.55	30.61	43.50	-12.89	peak	
3		334.1273	42.88	-10.76	32.12	46.00	-13.88	peak	
4	*	408.3646	51.03	-8.72	42.31	46.00	-3.69	peak	
5		479.9506	41.43	-6.96	34.47	46.00	-11.53	peak	
6		556.9040	39.36	-5.57	33.79	46.00	-12.21	peak	

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

Test Mode	IEEE 802.11b	Test Date	2024/8/23
Test Frequency	2437MHz	Polarization	Horizontal

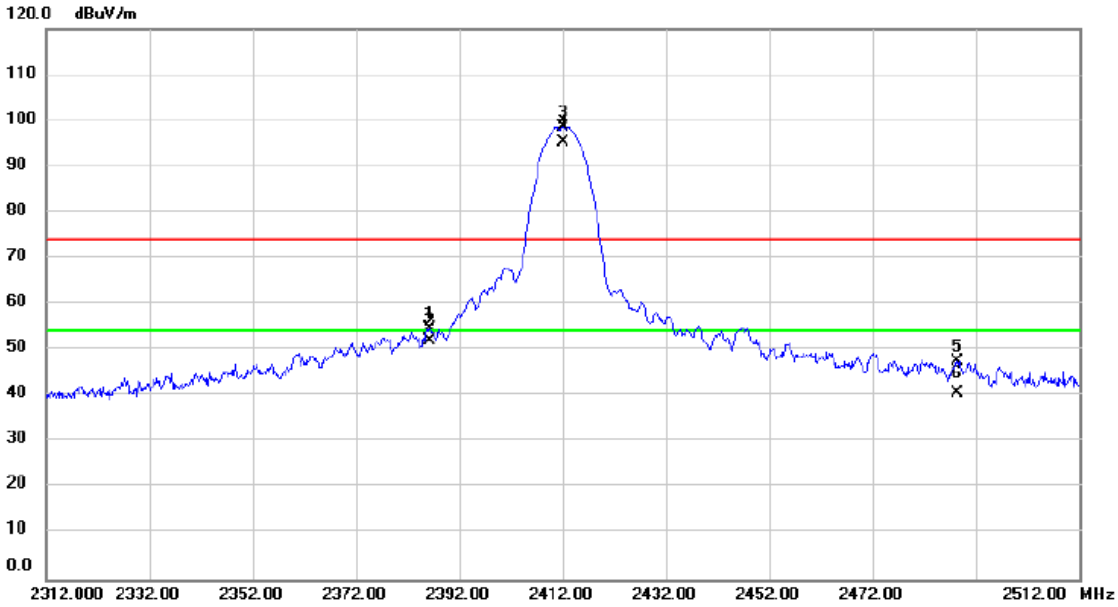


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		32.8130	40.69	-13.12	27.57	40.00	-12.43	peak	
2		176.9550	47.32	-13.24	34.08	43.50	-9.42	peak	
3		259.8900	51.04	-13.04	38.00	46.00	-8.00	peak	
4		334.1273	46.35	-10.76	35.59	46.00	-10.41	peak	
5	*	408.3646	48.85	-8.72	40.13	46.00	-5.87	peak	
6		504.4916	40.18	-6.58	33.60	46.00	-12.40	peak	

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

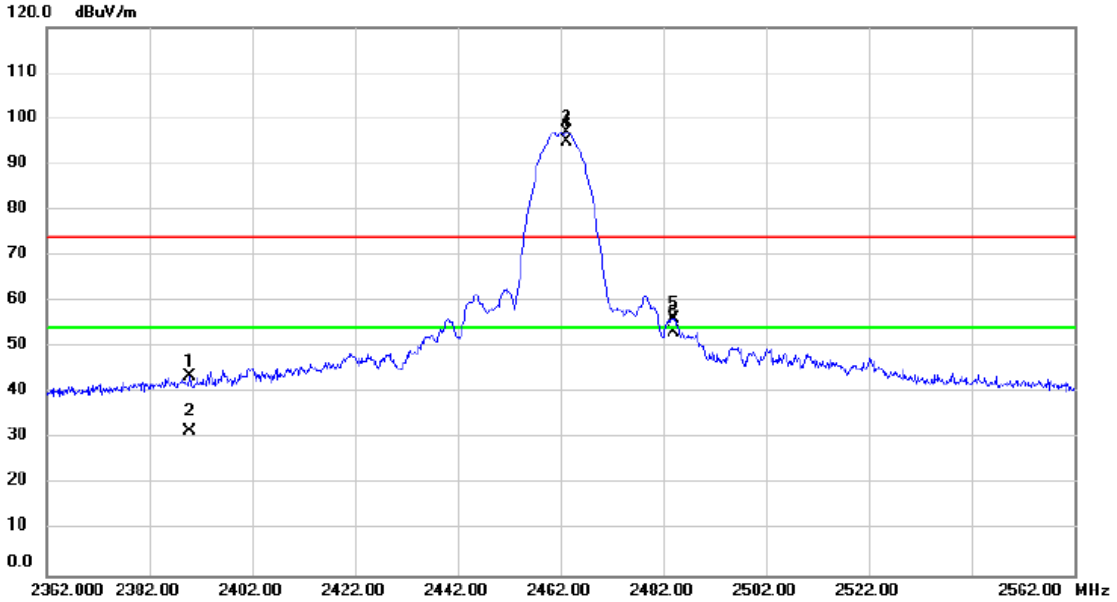
Test Mode	IEEE 802.11b	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.200	59.83	-5.01	54.82	74.00	-19.18	peak	
2		2386.200	57.17	-5.01	52.16	54.00	-1.84	AVG	
3	X	2412.000	103.67	-4.97	98.70	74.00	24.70	peak	No Limit
4	*	2412.000	100.36	-4.97	95.39	54.00	41.39	AVG	No Limit
5		2488.400	52.53	-4.88	47.65	74.00	-26.35	peak	
6		2488.400	45.47	-4.88	40.59	54.00	-13.41	AVG	

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

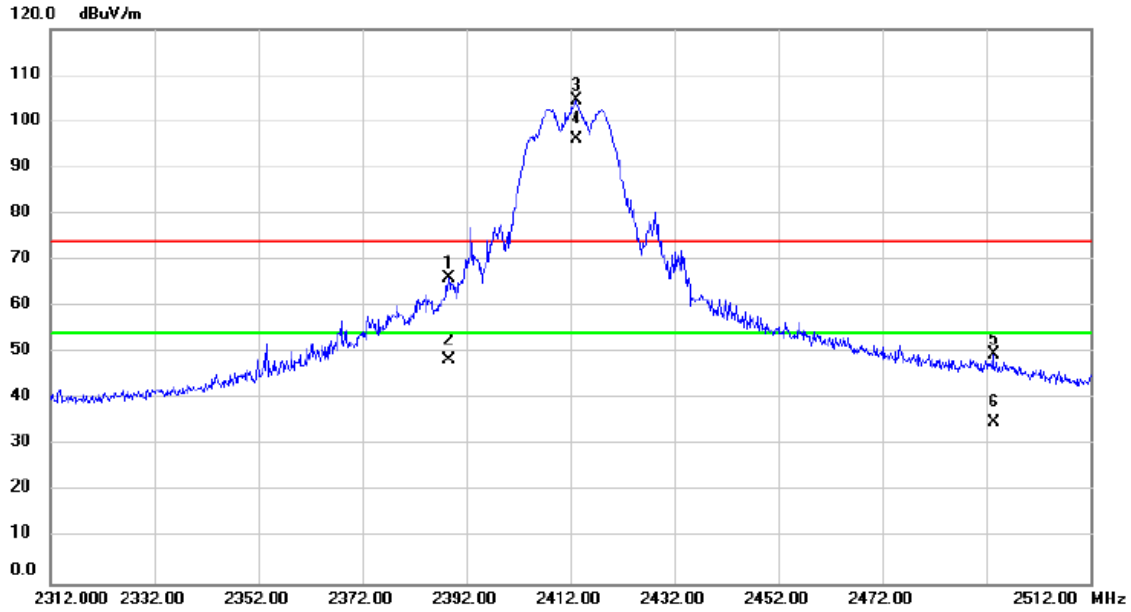
Test Mode	IEEE 802.11b	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.800	48.73	-5.01	43.72	74.00	-30.28	peak	
2		2389.800	36.68	-5.01	31.67	54.00	-22.33	AVG	
3	X	2463.200	102.02	-4.91	97.11	74.00	23.11	peak	No Limit
4	*	2463.200	99.80	-4.91	94.89	54.00	40.89	AVG	No Limit
5		2484.000	61.17	-4.87	56.30	74.00	-17.70	peak	
6		2484.000	58.10	-4.87	53.23	54.00	-0.77	AVG	

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

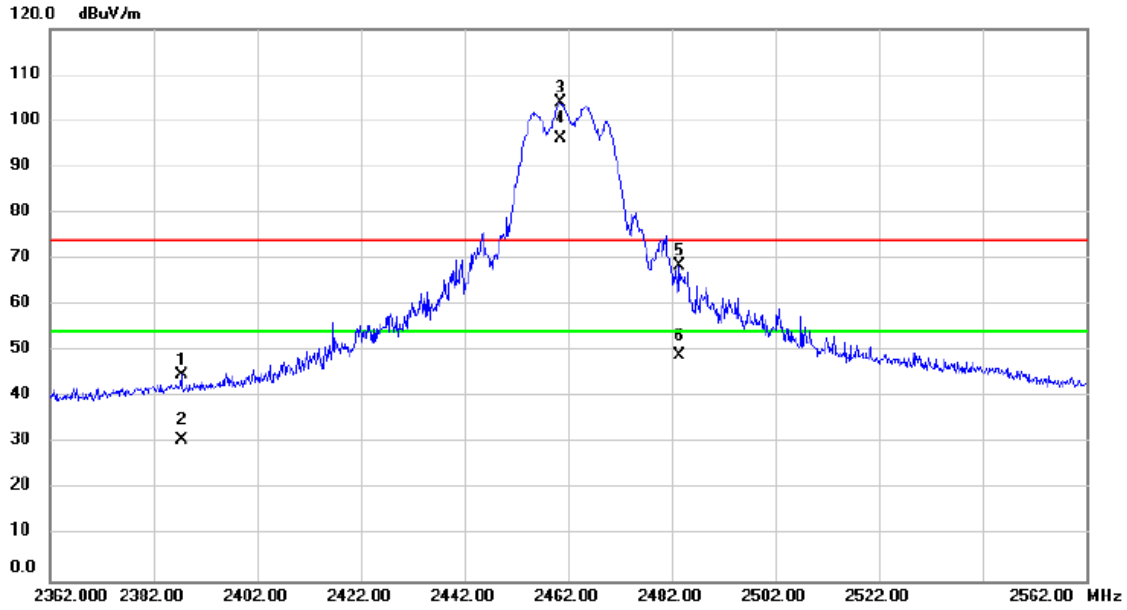
Test Mode	IEEE 802.11g	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.600	71.06	-5.01	66.05	74.00	-7.95	peak	
2		2388.600	53.49	-5.01	48.48	54.00	-5.52	AVG	
3	X	2413.200	109.45	-4.97	104.48	74.00	30.48	peak	No Limit
4	*	2413.200	101.02	-4.97	96.05	54.00	42.05	AVG	No Limit
5		2493.400	54.42	-4.87	49.55	74.00	-24.45	peak	
6		2493.400	39.70	-4.87	34.83	54.00	-19.17	AVG	

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

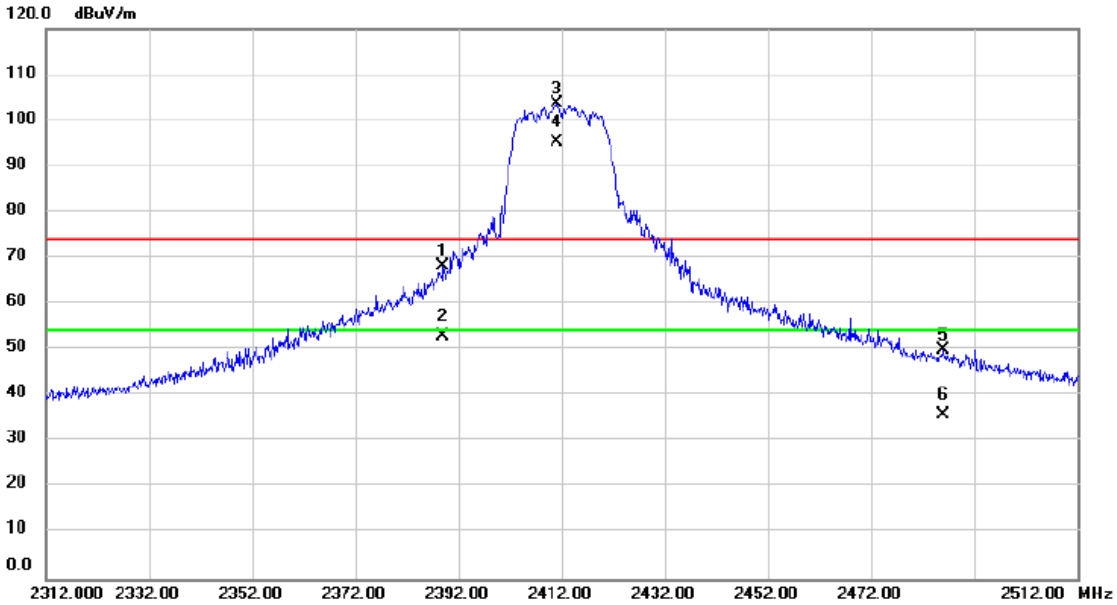
Test Mode	IEEE 802.11g	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.400	49.88	-5.01	44.87	74.00	-29.13	peak	
2		2387.400	35.86	-5.01	30.85	54.00	-23.15	AVG	
3	X	2460.600	108.76	-4.92	103.84	74.00	29.84	peak	No Limit
4	*	2460.600	100.93	-4.92	96.01	54.00	42.01	AVG	No Limit
5		2483.500	73.28	-4.87	68.41	74.00	-5.59	peak	
6		2483.500	53.86	-4.87	48.99	54.00	-5.01	AVG	

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

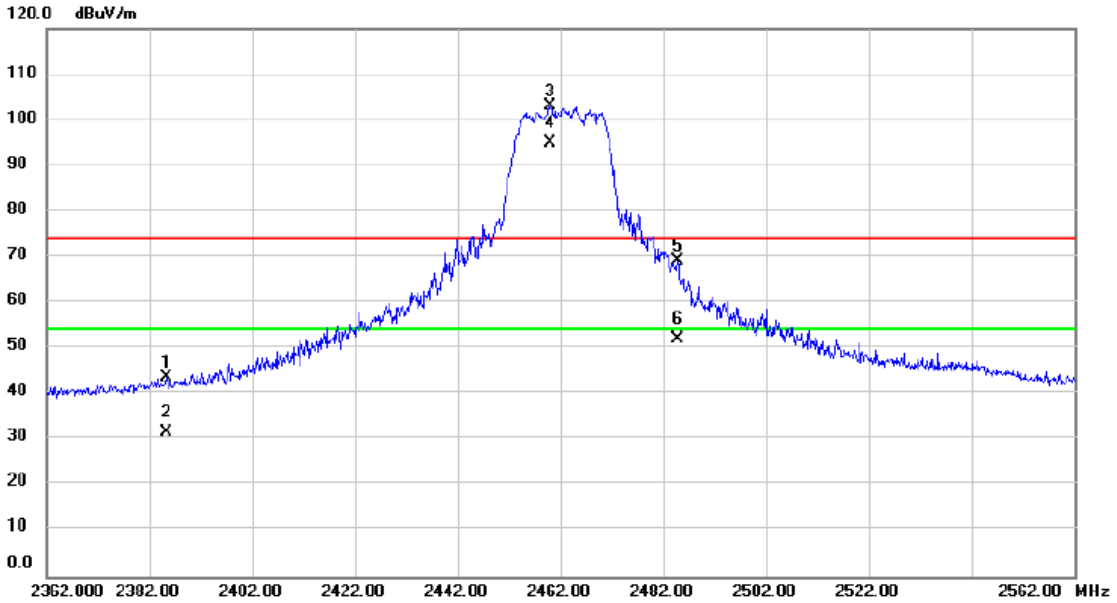
Test Mode	IEEE 802.11n (HT 20)	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.000	73.18	-5.01	68.17	74.00	-5.83	peak	
2		2389.000	58.05	-5.01	53.04	54.00	-0.96	AVG	
3	X	2411.000	108.57	-4.97	103.60	74.00	29.60	peak	No Limit
4	*	2411.000	100.34	-4.97	95.37	54.00	41.37	AVG	No Limit
5		2486.000	54.92	-4.88	50.04	74.00	-23.96	peak	
6		2486.000	40.66	-4.88	35.78	54.00	-18.22	AVG	

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

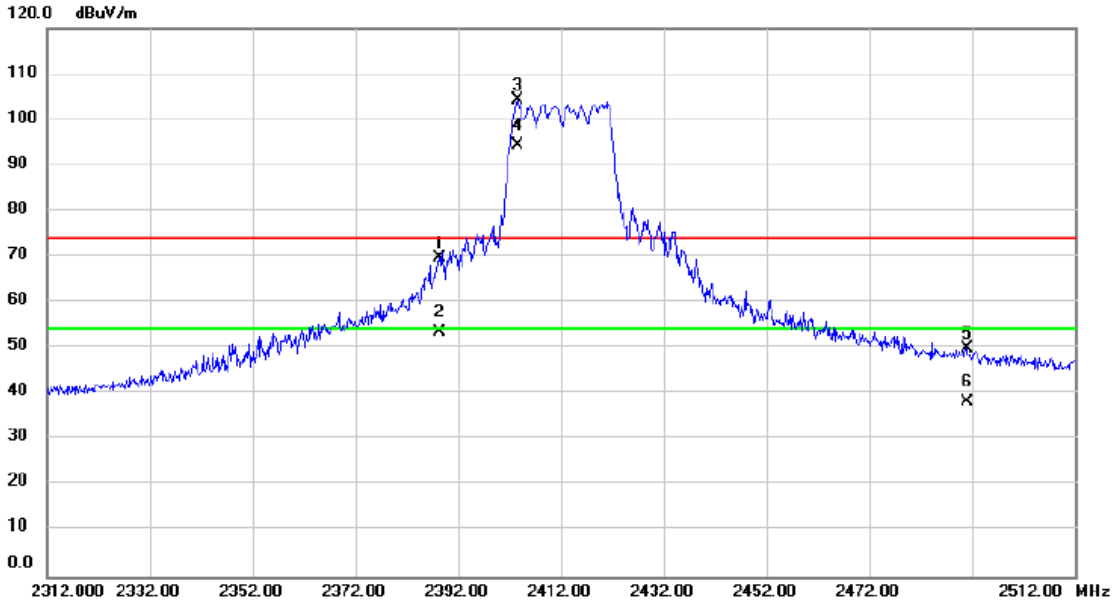
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.400	48.61	-5.01	43.60	74.00	-30.40	peak	
2		2385.400	36.55	-5.01	31.54	54.00	-22.46	AVG	
3	X	2460.000	107.98	-4.92	103.06	74.00	29.06	peak	No Limit
4	*	2460.000	99.82	-4.92	94.90	54.00	40.90	AVG	No Limit
5		2484.800	73.98	-4.88	69.10	74.00	-4.90	peak	
6		2484.800	56.81	-4.88	51.93	54.00	-2.07	AVG	

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

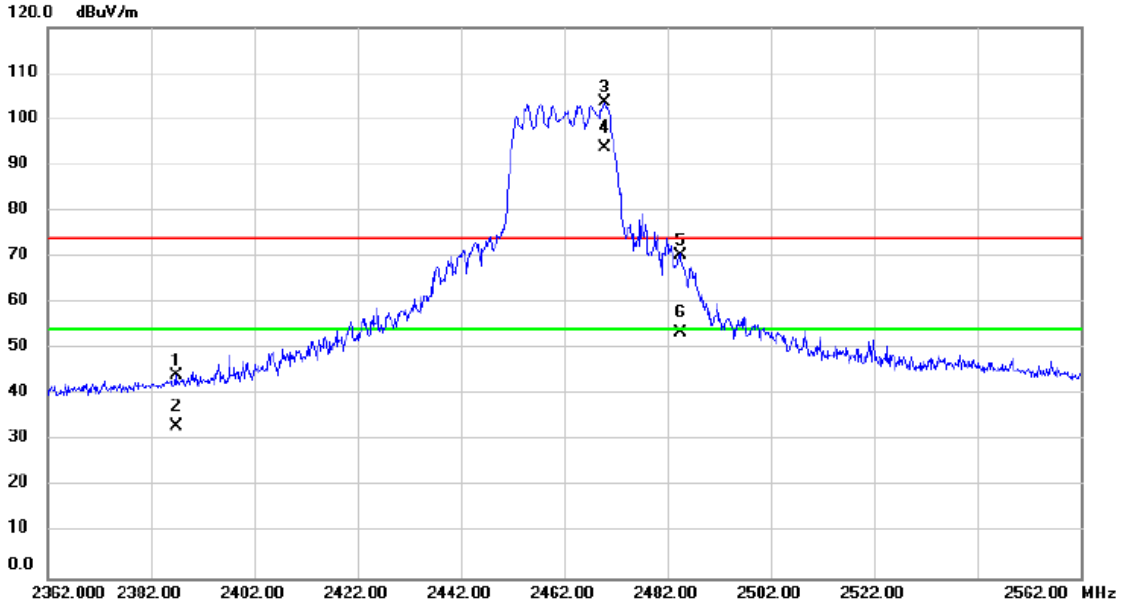
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.400	74.65	-5.01	69.64	74.00	-4.36	peak	
2		2388.400	58.51	-5.01	53.50	54.00	-0.50	AVG	
3	X	2403.600	109.17	-4.98	104.19	74.00	30.19	peak	No Limit
4	*	2403.600	99.39	-4.98	94.41	54.00	40.41	AVG	No Limit
5		2491.000	54.97	-4.87	50.10	74.00	-23.90	peak	
6		2491.000	43.05	-4.87	38.18	54.00	-15.82	AVG	

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

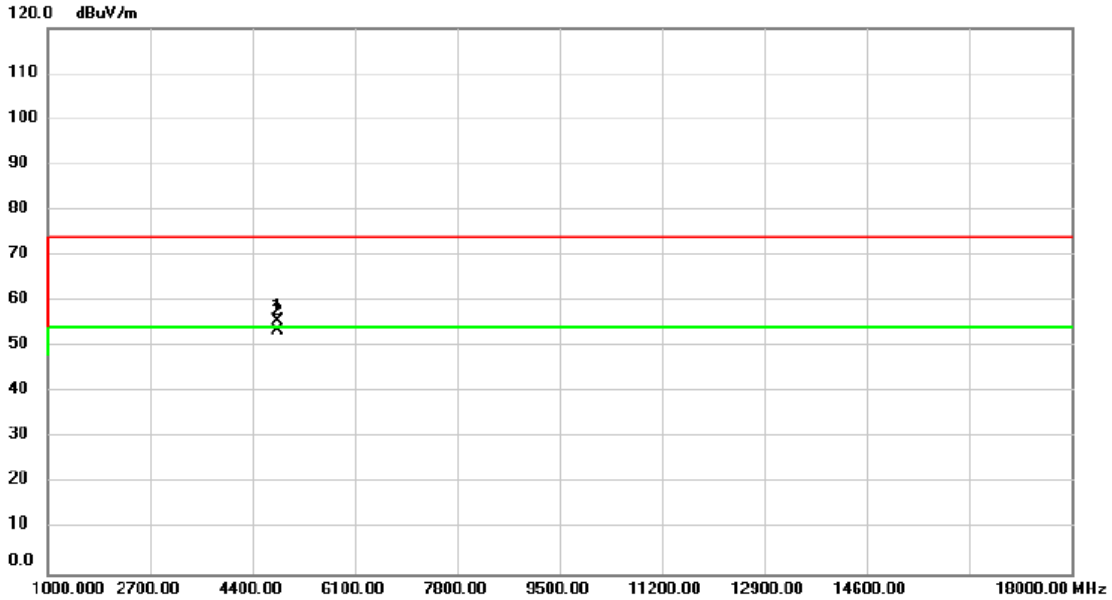
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.800	49.30	-5.01	44.29	74.00	-29.71	peak	
2		2386.800	38.03	-5.01	33.02	54.00	-20.98	AVG	
3	X	2469.800	108.41	-4.90	103.51	74.00	29.51	peak	No Limit
4	*	2469.800	98.60	-4.90	93.70	54.00	39.70	AVG	No Limit
5		2484.400	75.38	-4.88	70.50	74.00	-3.50	peak	
6		2484.400	58.48	-4.88	53.60	54.00	-0.40	AVG	

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

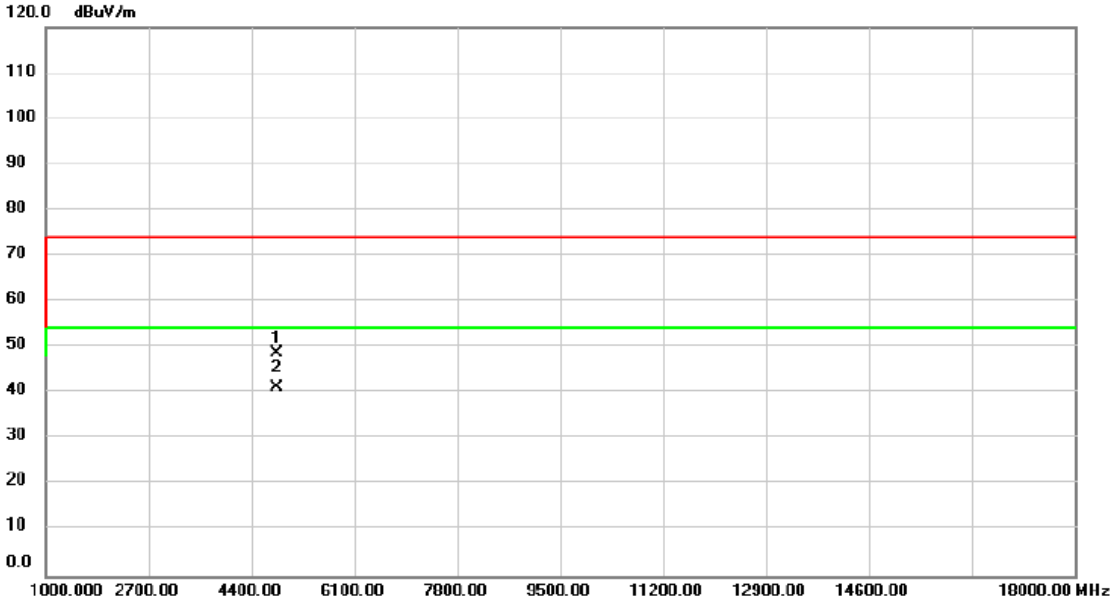
Test Mode	IEEE 802.11b	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4825.000	54.84	0.92	55.76	74.00	-18.24	peak	
2	*	4825.000	52.63	0.92	53.55	54.00	-0.45	AVG	

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

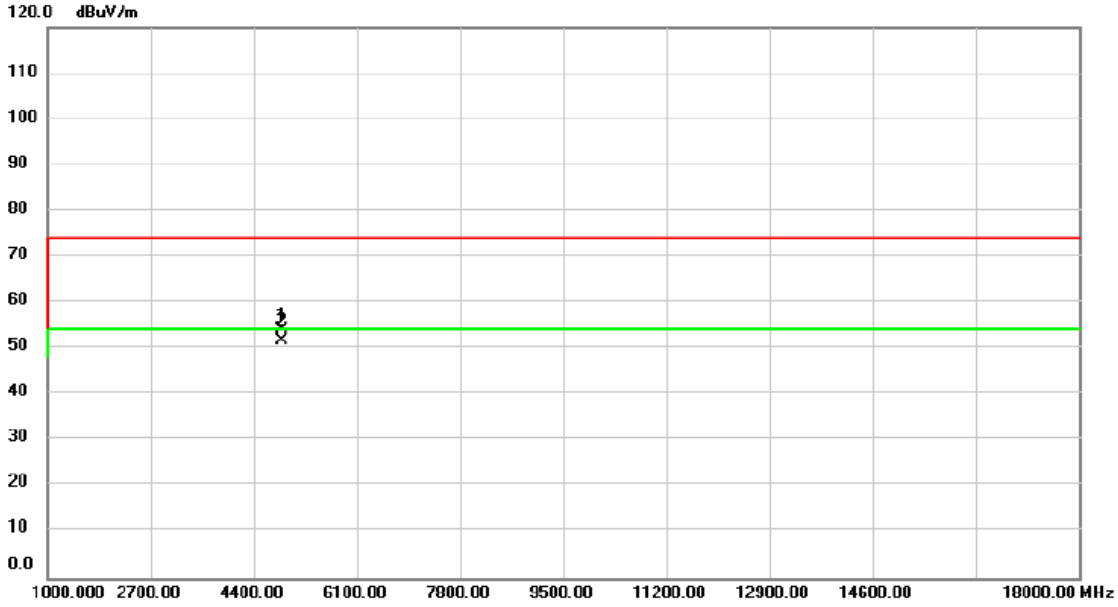
Test Mode	IEEE 802.11b	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	47.71	0.92	48.63	74.00	-25.37	peak	
2	*	4824.000	40.22	0.92	41.14	54.00	-12.86	AVG	

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

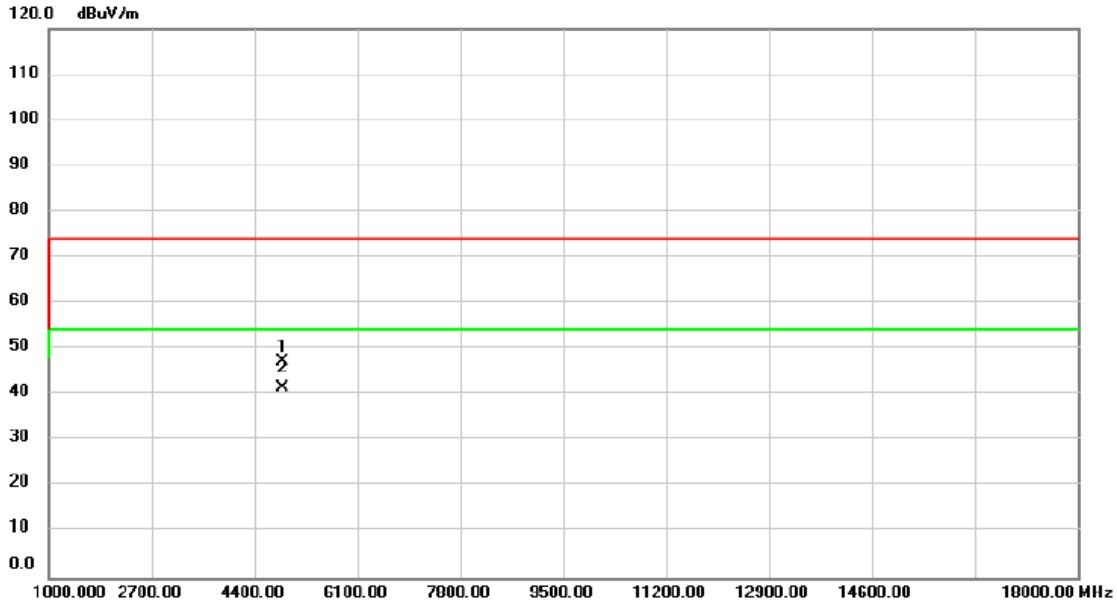
Test Mode	IEEE 802.11b	Test Date	2024/8/16
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	53.11	1.02	54.13	74.00	-19.87	peak	
2	*	4874.000	50.85	1.02	51.87	54.00	-2.13	AVG	

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

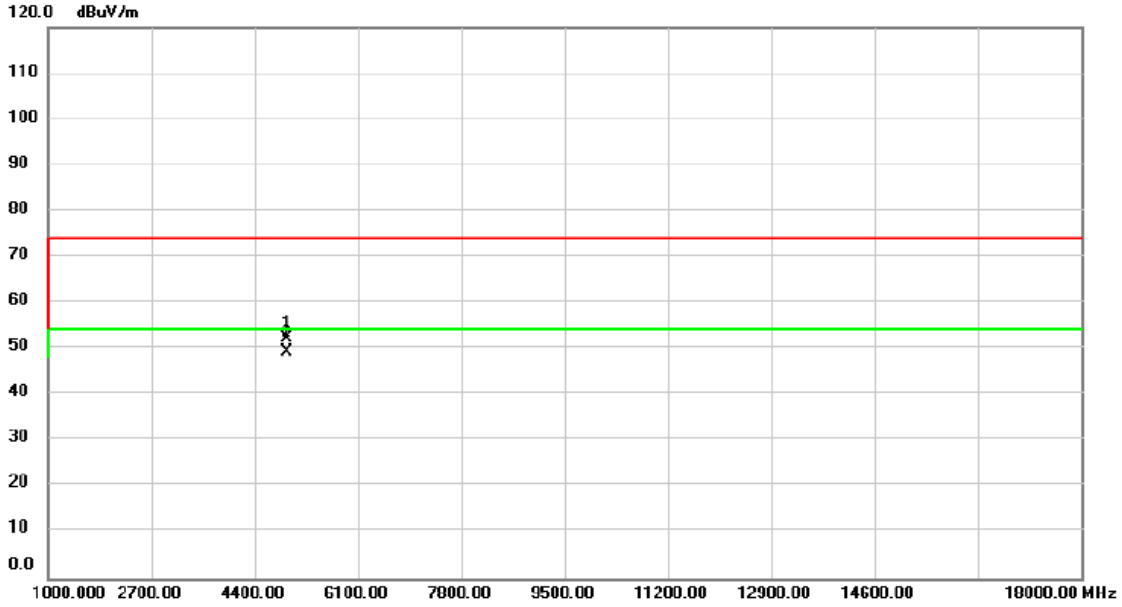
Test Mode	IEEE 802.11b	Test Date	2024/8/16
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	46.12	1.02	47.14	74.00	-26.86	peak	
2	*	4874.000	40.51	1.02	41.53	54.00	-12.47	AVG	

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

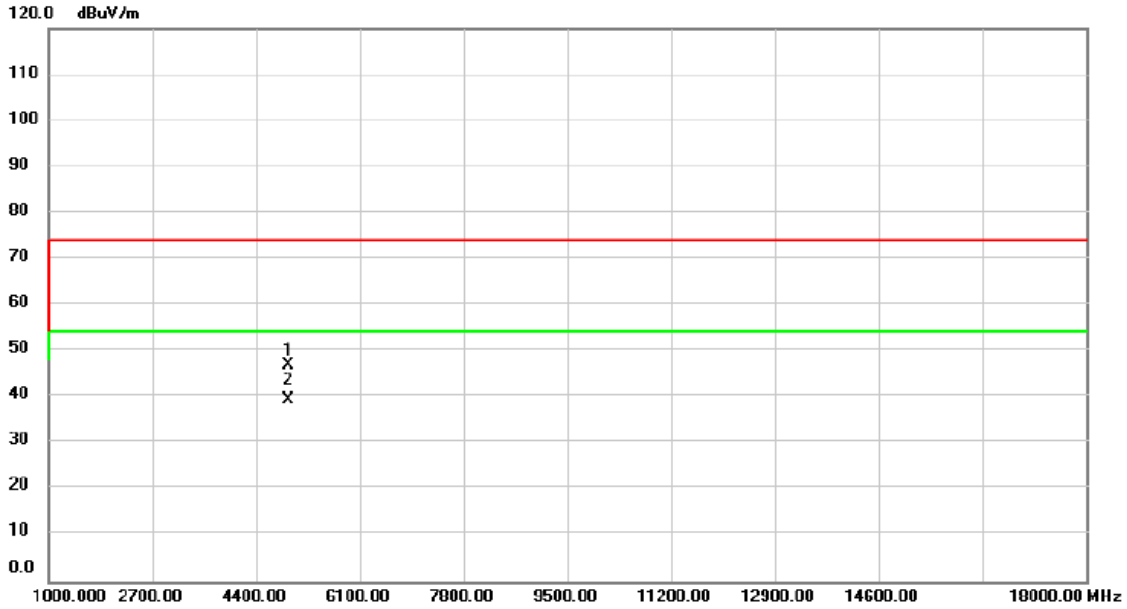
Test Mode	IEEE 802.11b	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4927.000	51.31	1.14	52.45	74.00	-21.55	peak	
2	*	4927.000	48.31	1.14	49.45	54.00	-4.55	AVG	

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

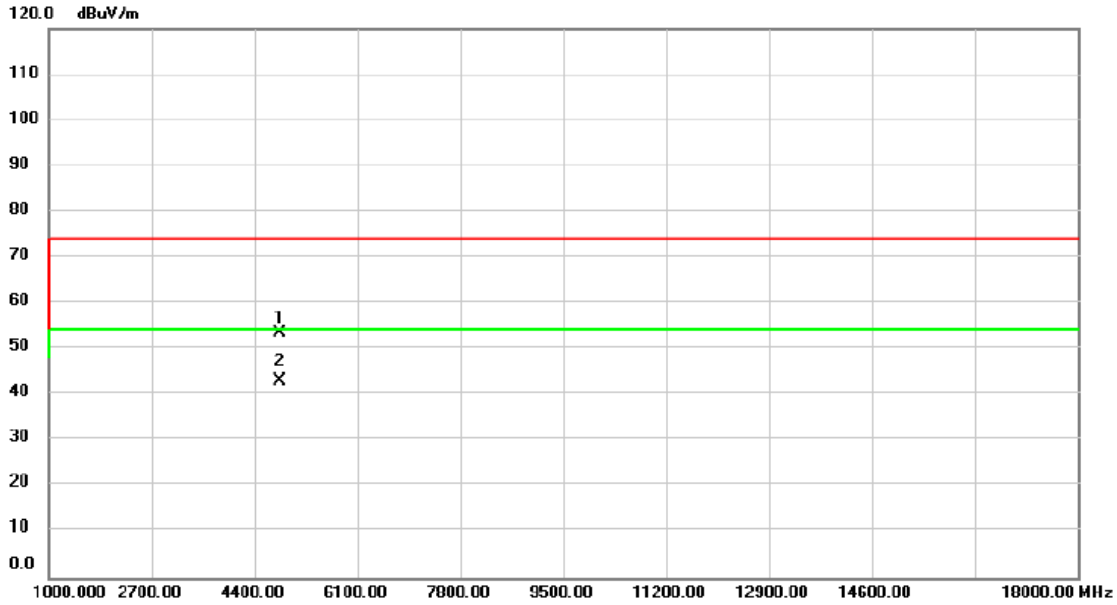
Test Mode	IEEE 802.11b	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.88	1.13	47.01	74.00	-26.99	peak	
2	*	4924.000	38.43	1.13	39.56	54.00	-14.44	AVG	

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

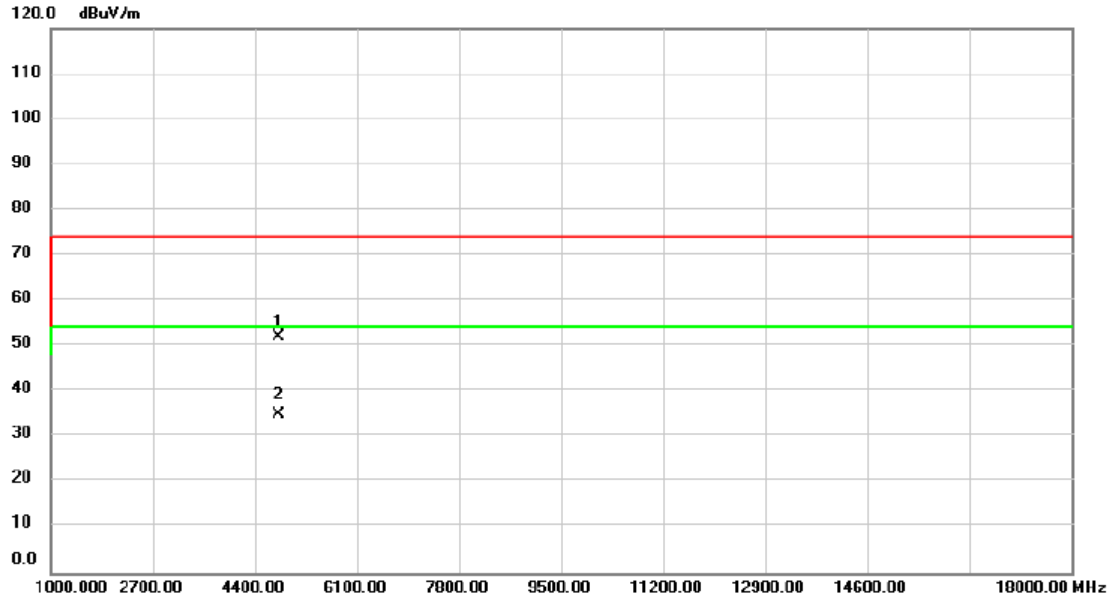
Test Mode	IEEE 802.11g	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4825.000	52.63	0.92	53.55	74.00	-20.45	peak	
2	*	4825.000	41.99	0.92	42.91	54.00	-11.09	AVG	

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

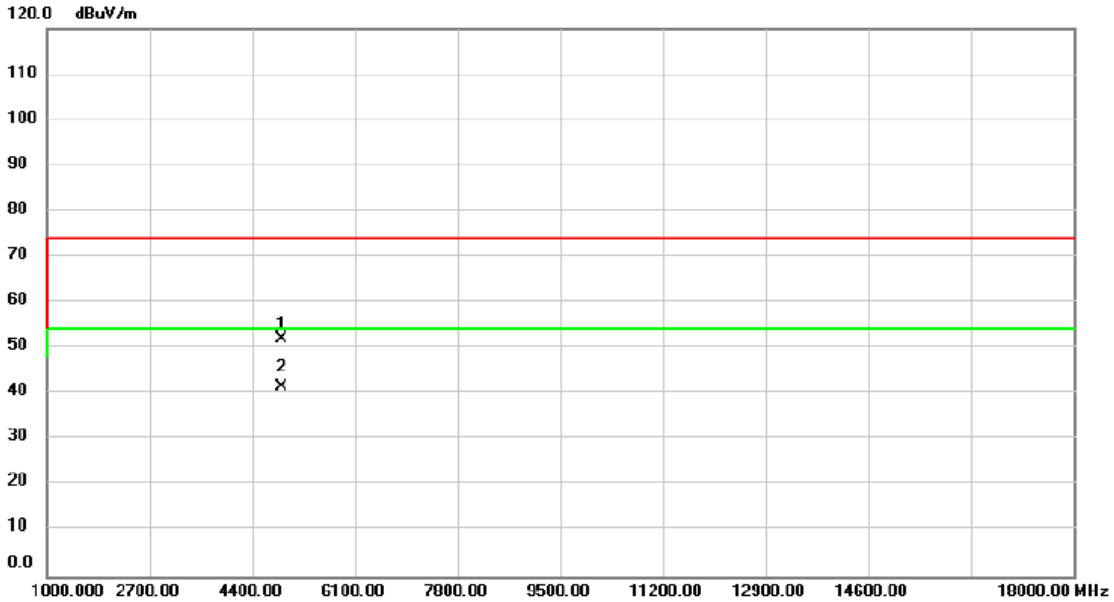
Test Mode	IEEE 802.11g	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4791.000	51.18	0.84	52.02	74.00	-21.98	peak	
2	*	4791.000	34.22	0.84	35.06	54.00	-18.94	AVG	

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

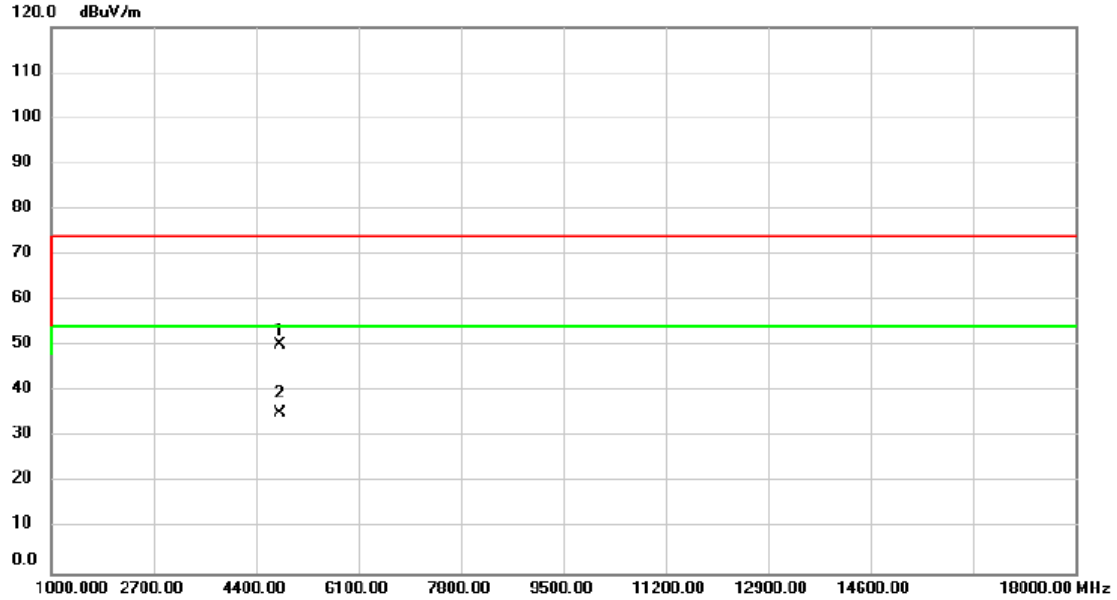
Test Mode	IEEE 802.11g	Test Date	2024/8/16
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4876.000	50.92	1.02	51.94	74.00	-22.06	peak	
2	*	4876.000	40.57	1.02	41.59	54.00	-12.41	AVG	

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

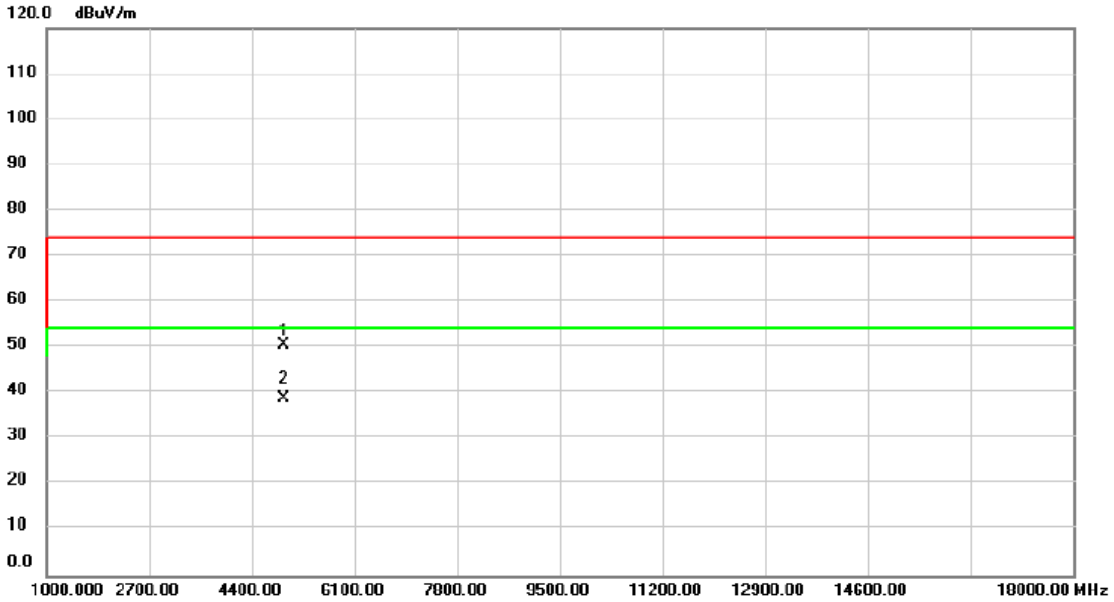
Test Mode	IEEE 802.11g	Test Date	2024/8/16
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4791.000	49.42	0.84	50.26	74.00	-23.74	peak	
2	*	4791.000	34.36	0.84	35.20	54.00	-18.80	AVG	

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

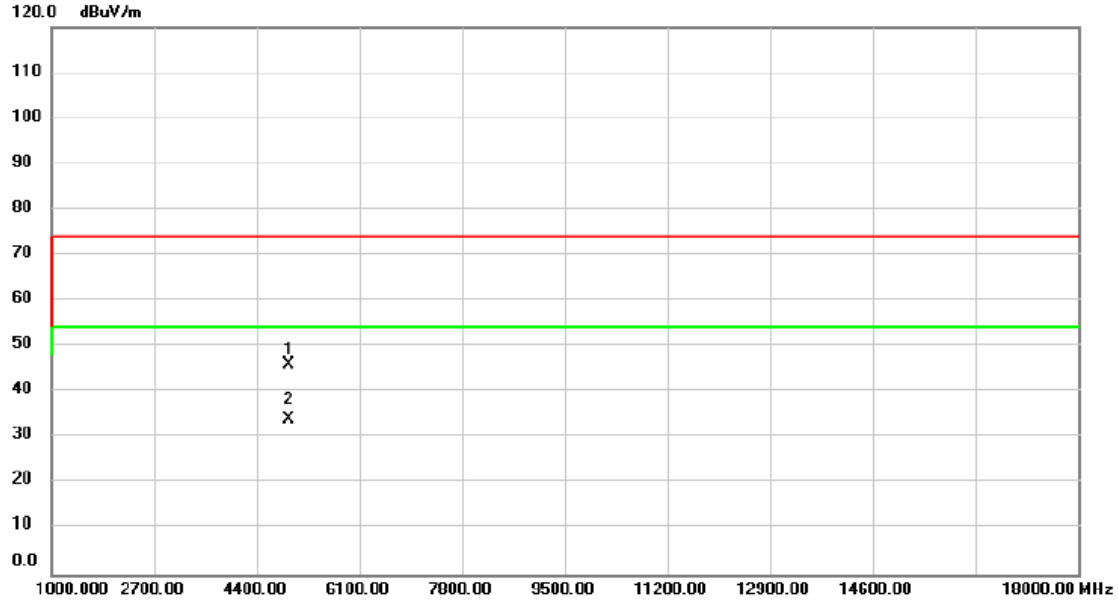
Test Mode	IEEE 802.11g	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	49.35	1.13	50.48	74.00	-23.52	peak	
2	*	4924.000	37.61	1.13	38.74	54.00	-15.26	AVG	

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

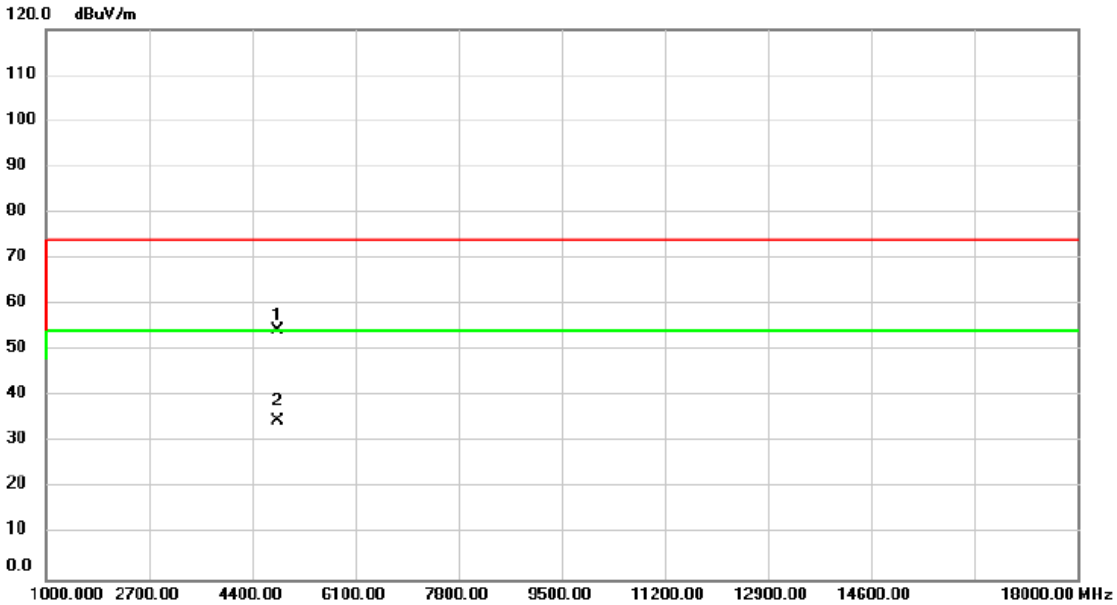
Test Mode	IEEE 802.11g	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.05	1.13	46.18	74.00	-27.82	peak	
2	*	4924.000	33.06	1.13	34.19	54.00	-19.81	AVG	

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

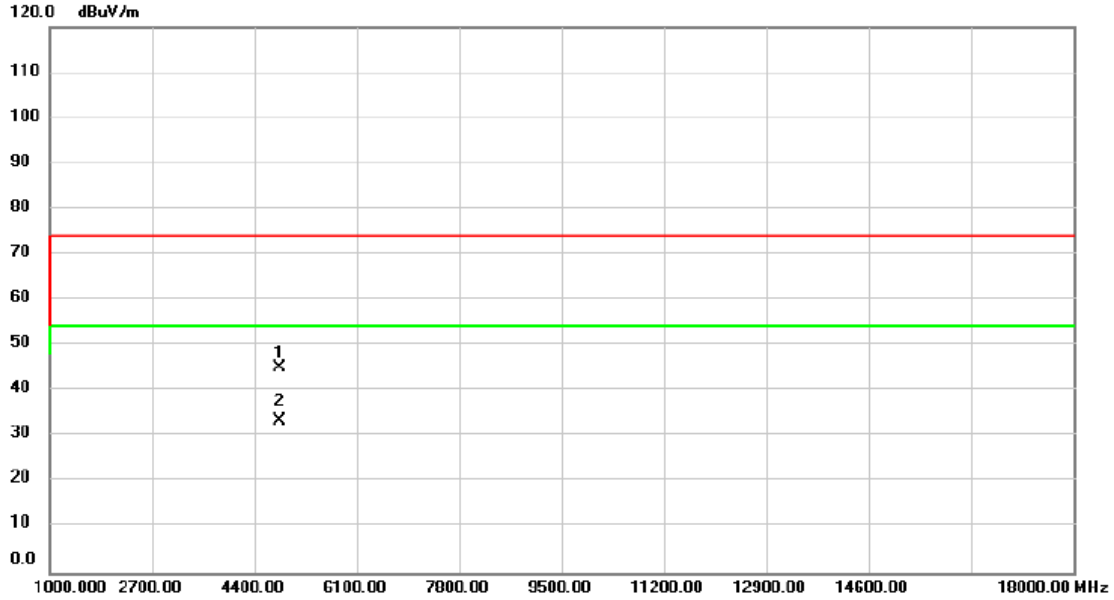
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	53.60	0.92	54.52	74.00	-19.48	peak	
2	*	4824.000	33.61	0.92	34.53	54.00	-19.47	AVG	

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

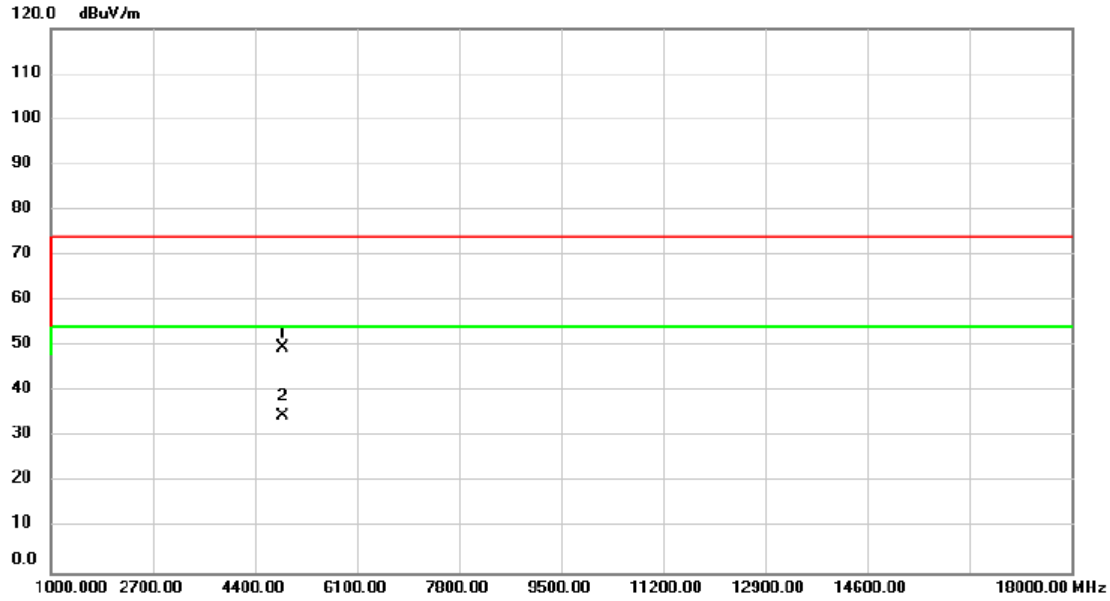
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.16	0.92	45.08	74.00	-28.92	peak	
2	*	4824.000	32.44	0.92	33.36	54.00	-20.64	AVG	

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

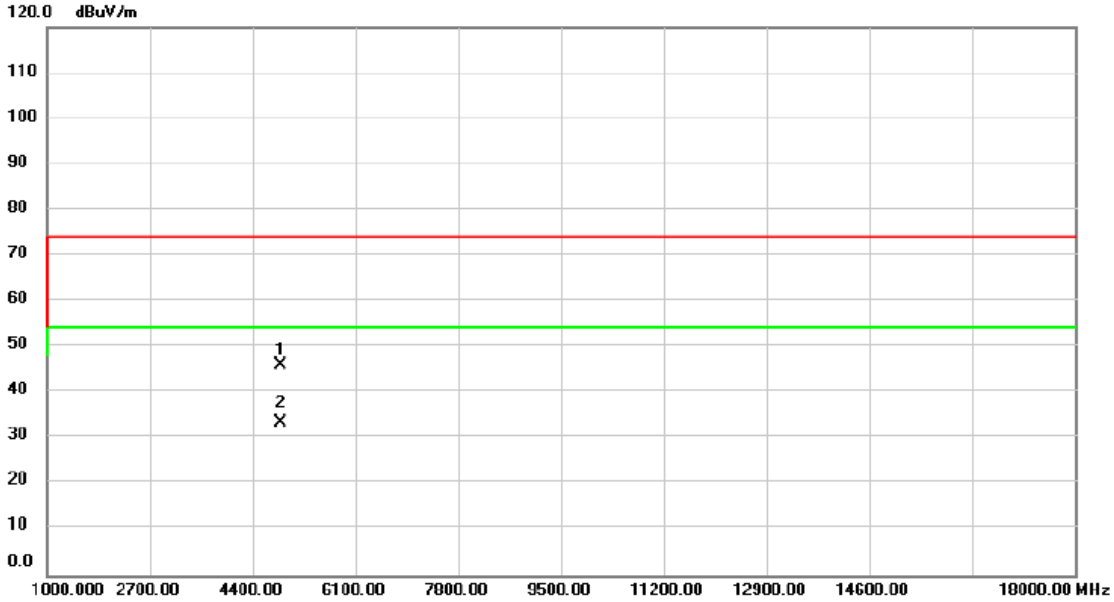
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/16
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	48.58	1.02	49.60	74.00	-24.40	peak	
2	*	4874.000	33.56	1.02	34.58	54.00	-19.42	AVG	

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

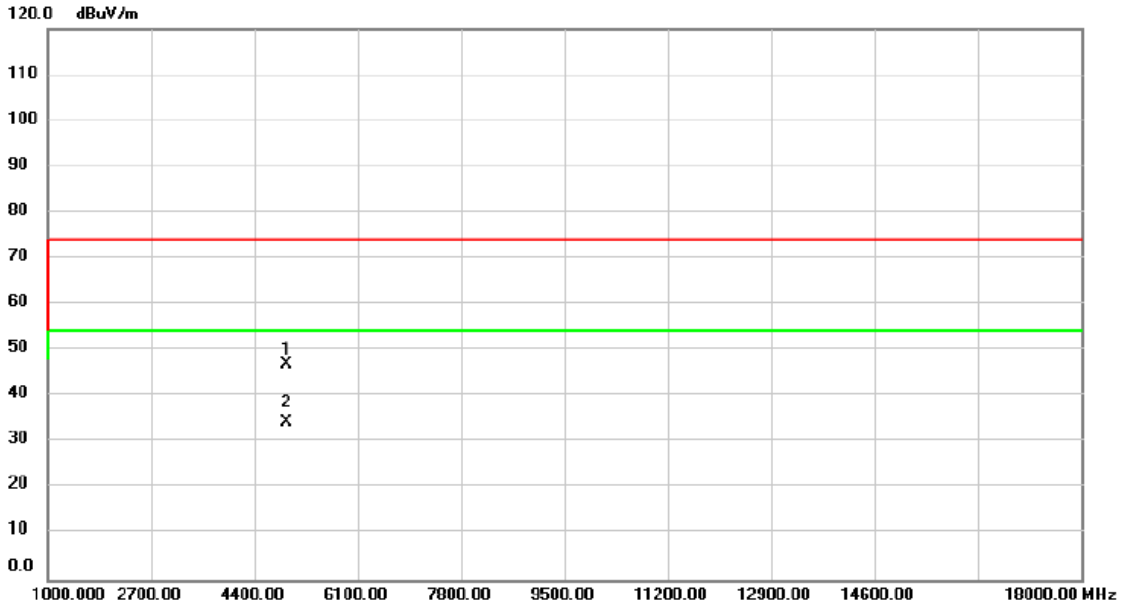
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/16
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.10	1.02	46.12	74.00	-27.88	peak	
2	*	4874.000	32.54	1.02	33.56	54.00	-20.44	AVG	

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

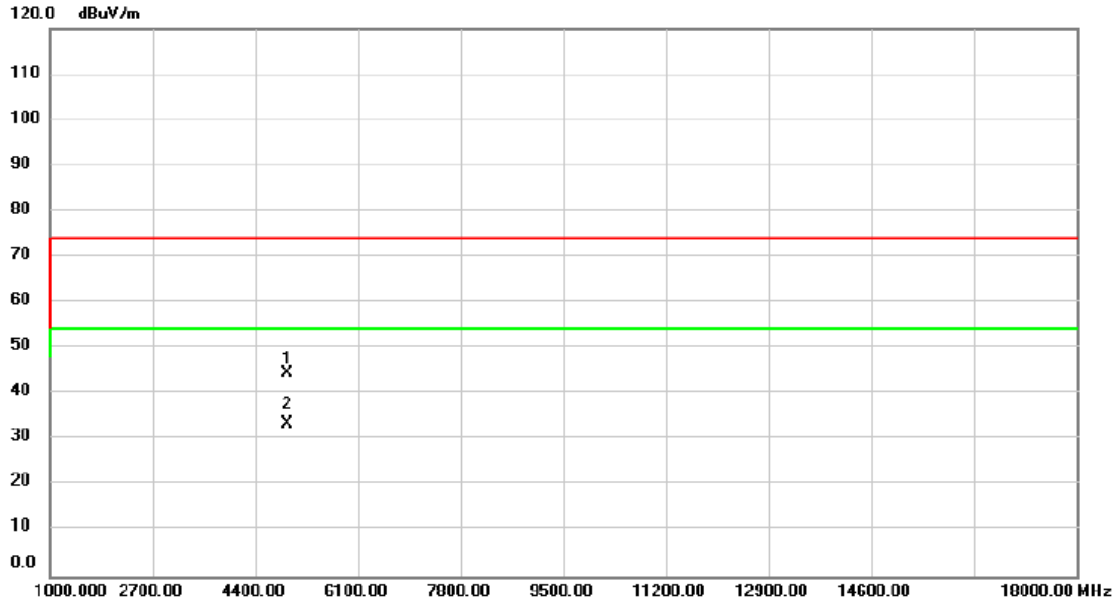
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.89	1.13	47.02	74.00	-26.98	peak	
2	*	4924.000	33.09	1.13	34.22	54.00	-19.78	AVG	

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

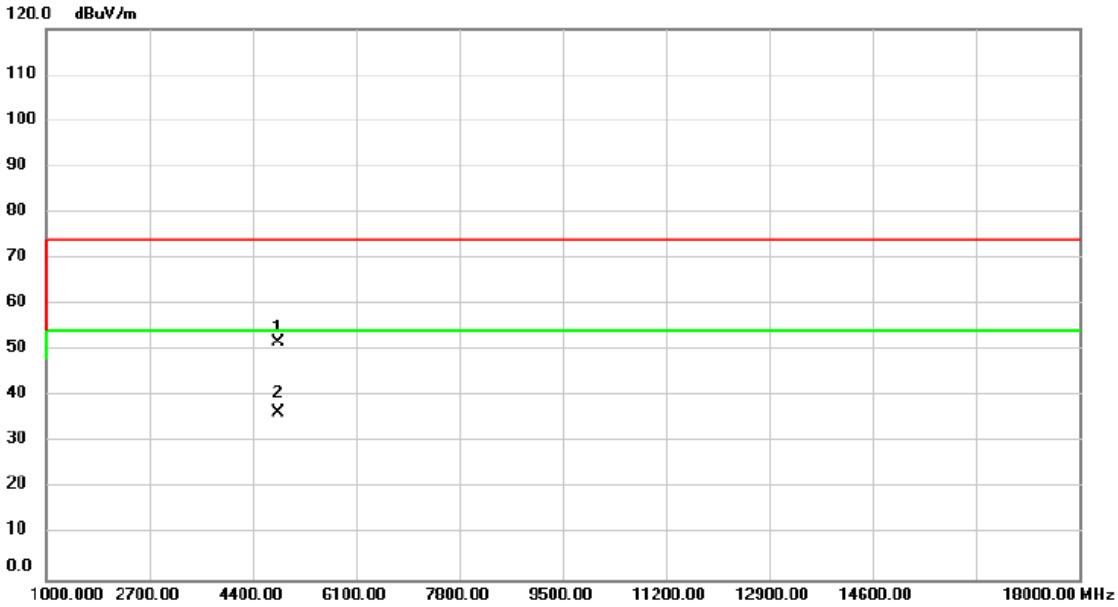
Test Mode	IEEE 802.11n (HT20)	Test Date	2024/8/16
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	43.53	1.13	44.66	74.00	-29.34	peak	
2	*	4924.000	32.31	1.13	33.44	54.00	-20.56	AVG	

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

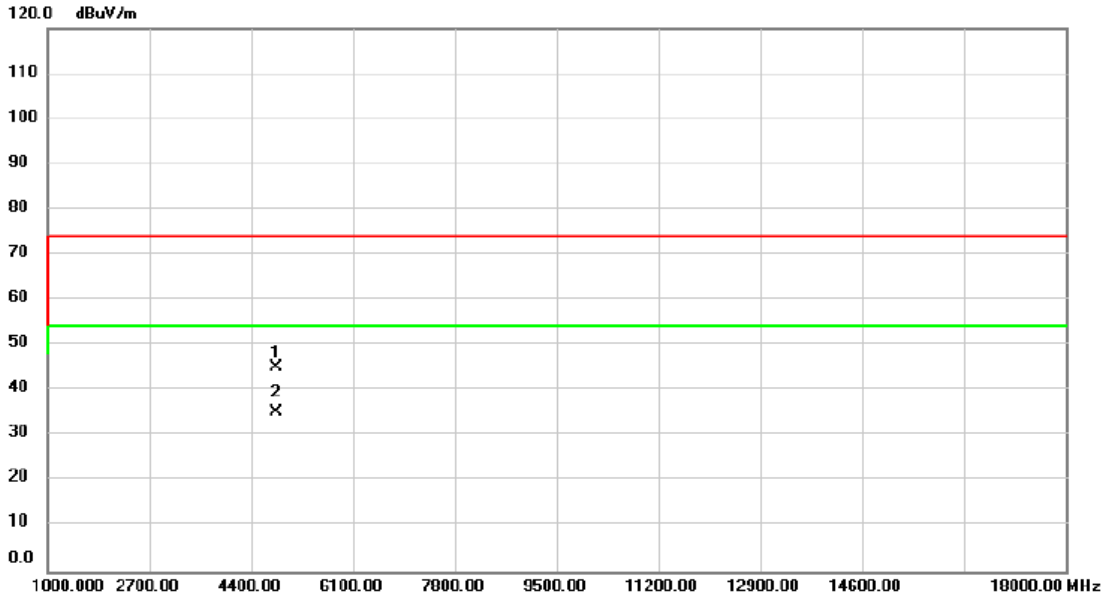
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	50.97	0.92	51.89	74.00	-22.11	peak	
2	*	4824.000	35.53	0.92	36.45	54.00	-17.55	AVG	

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

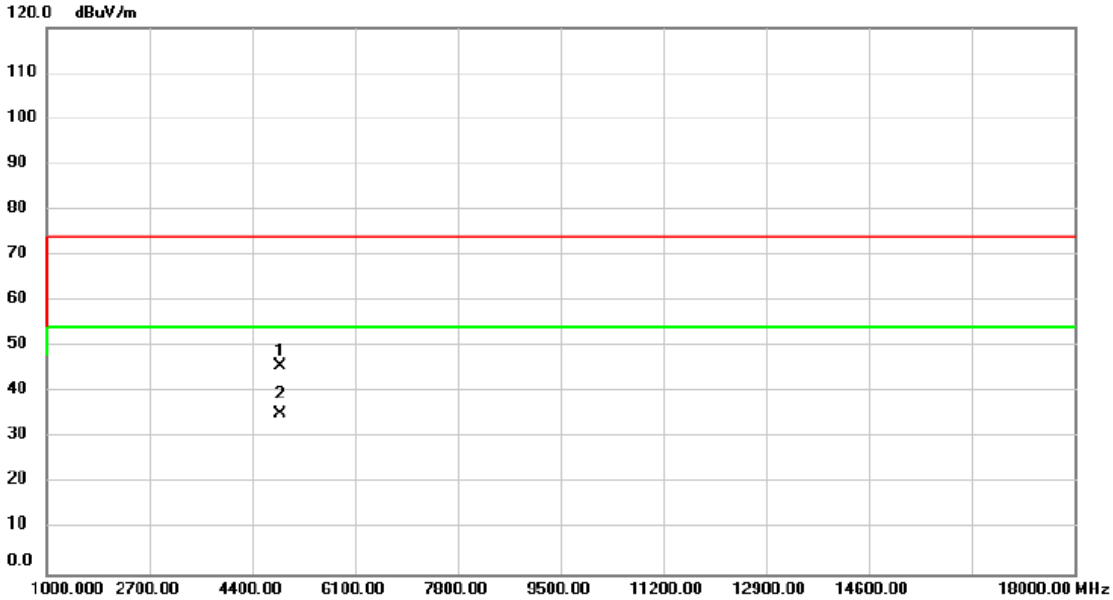
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/16
Test Frequency	2412MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.30	0.92	45.22	74.00	-28.78	peak	
2	*	4824.000	34.19	0.92	35.11	54.00	-18.89	AVG	

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

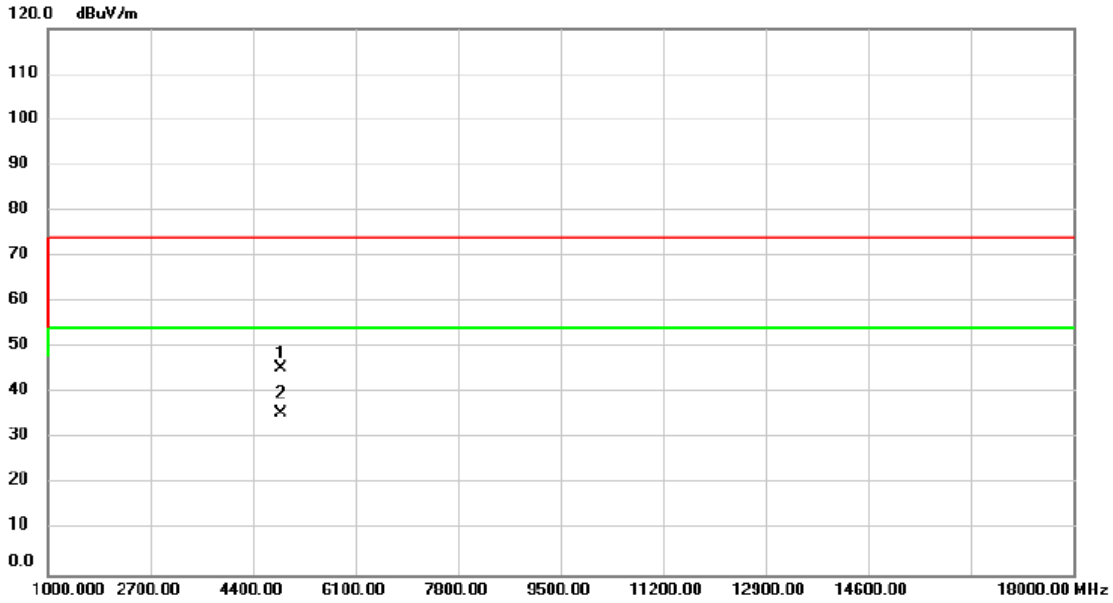
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/16
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.69	1.02	45.71	74.00	-28.29	peak	
2	*	4874.000	34.25	1.02	35.27	54.00	-18.73	AVG	

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

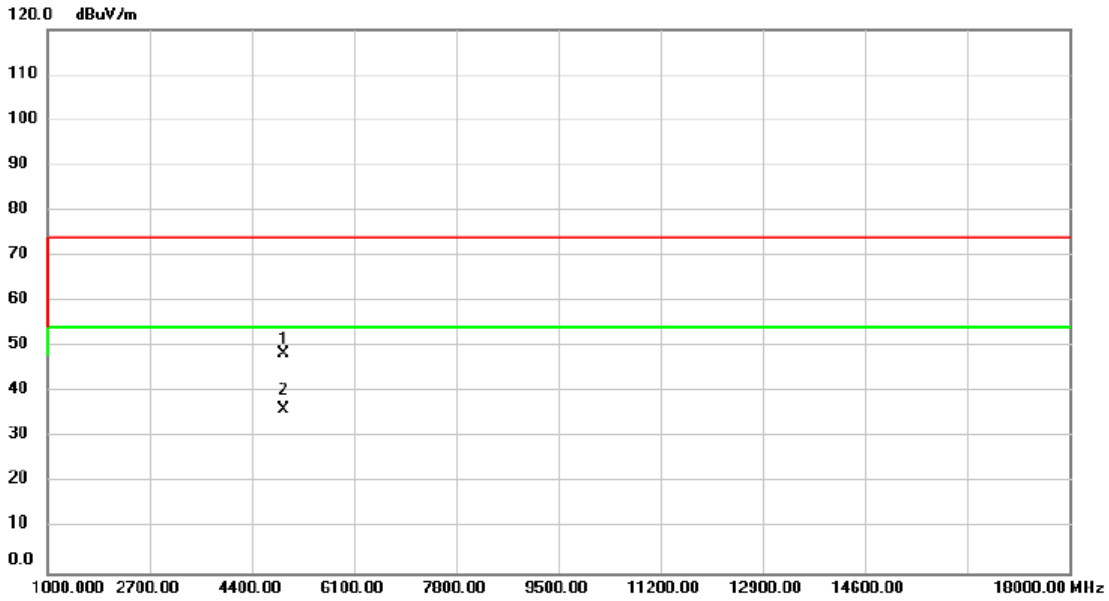
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/17
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.43	1.02	45.45	74.00	-28.55	peak	
2	*	4874.000	34.50	1.02	35.52	54.00	-18.48	AVG	

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

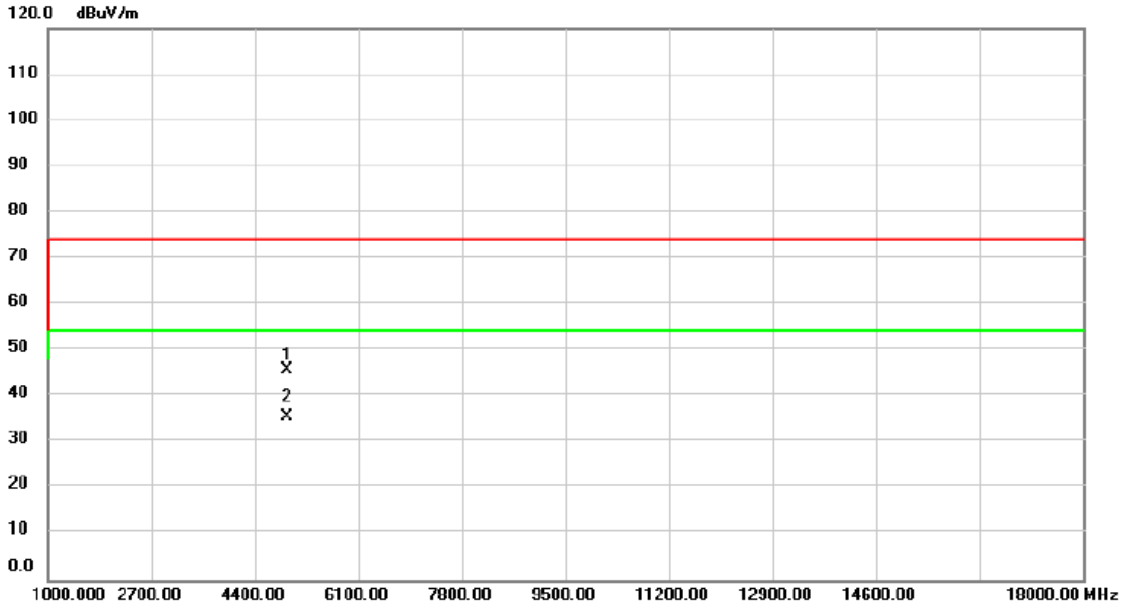
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/17
Test Frequency	2462MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	47.42	1.13	48.55	74.00	-25.45	peak	
2	*	4924.000	34.91	1.13	36.04	54.00	-17.96	AVG	

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

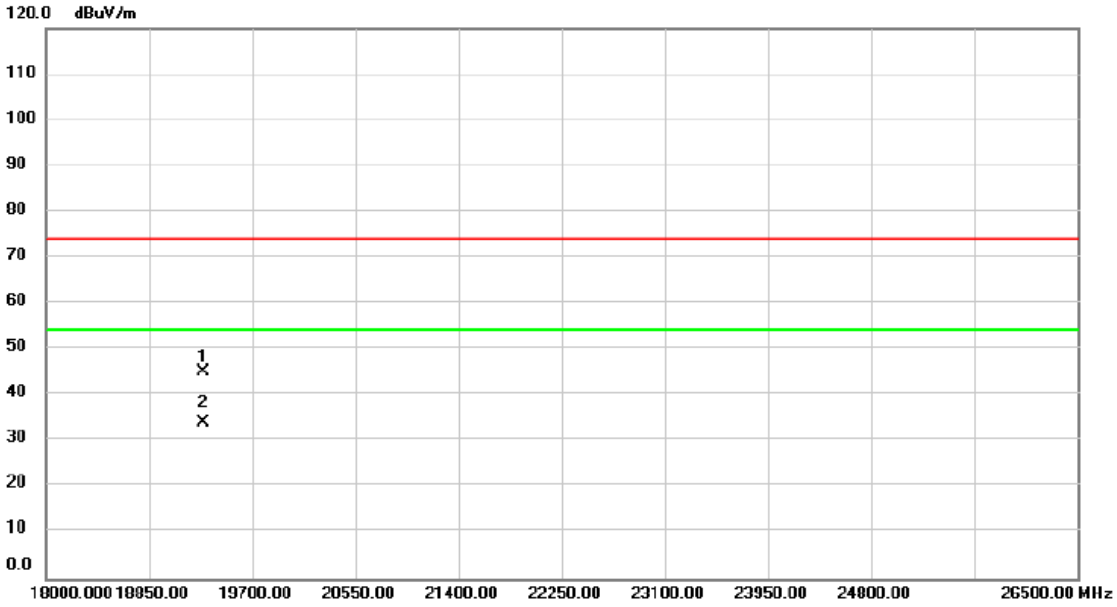
Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/8/17
Test Frequency	2462MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.52	1.13	45.65	74.00	-28.35	peak	
2	*	4924.000	34.46	1.13	35.59	54.00	-18.41	AVG	

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

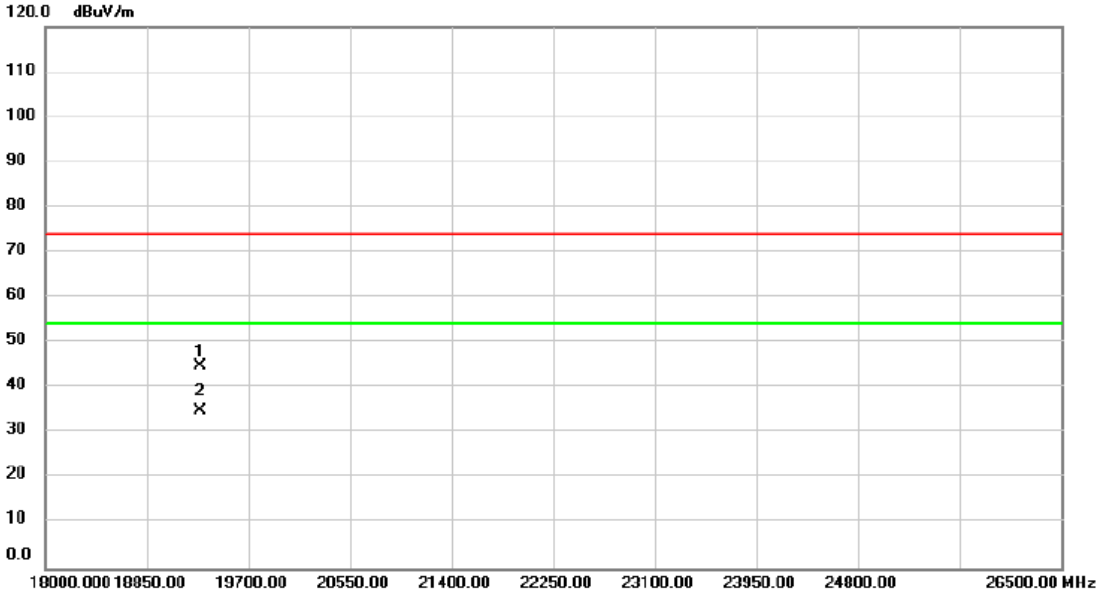
Test Mode	IEEE 802.11b	Test Date	2024/8/19
Test Frequency	2437MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19296.00	51.46	-6.39	45.07	74.00	-28.93	peak	
2	*	19296.00	40.32	-6.39	33.93	54.00	-20.07	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2024/8/19
Test Frequency	2437MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19296.00	51.26	-6.39	44.87	74.00	-29.13	peak	
2	*	19296.00	41.22	-6.39	34.83	54.00	-19.17	AVG	

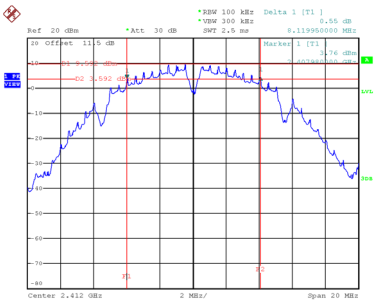
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D BANDWIDTH

Test Mode	IEEE 802.11b_Main Ant.

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	8.120	11.520	0.5	Complies
06	2437	8.060	11.440	0.5	Complies
11	2462	8.080	11.440	0.5	Complies

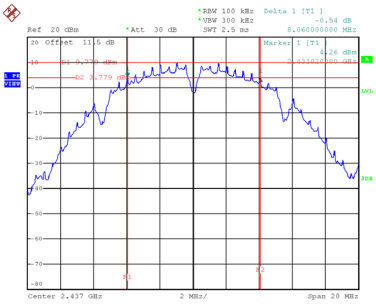
CH01



Date: 14.AUG.2024 11:18:21

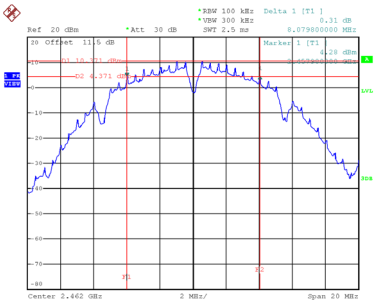
CH06

6 dB Bandwidth

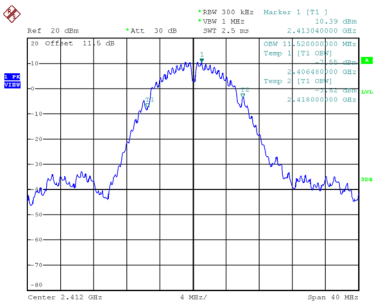


Date: 14.AUG.2024 11:20:31

CH11

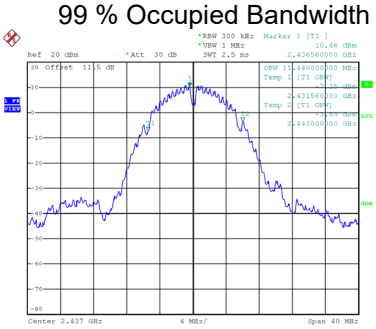


Date: 14.AUG.2024 11:22:58

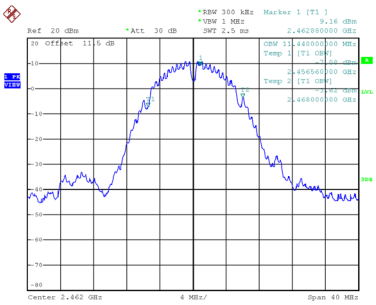


Date: 14.AUG.2024 11:18:30

99 % Occupied Bandwidth



Date: 14.AUG.2024 11:20:40

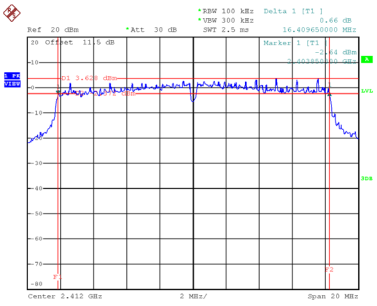


Date: 14.AUG.2024 11:23:07

Test Mode	IEEE 802.11g_ Main Ant.

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	16.410	16.960	0.5	Complies
06	2437	16.410	16.880	0.5	Complies
11	2462	16.380	16.880	0.5	Complies

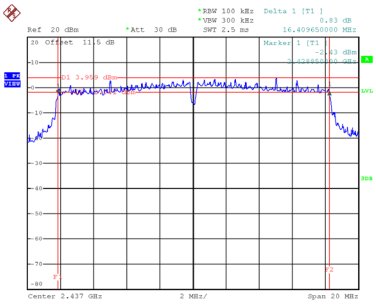
CH01



Date: 14.AUG.2024 11:28:50

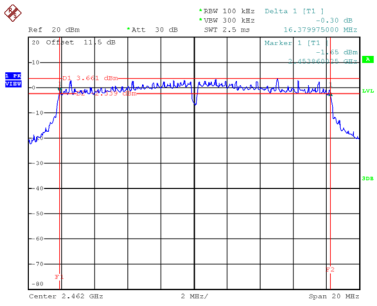
CH06

6 dB Bandwidth

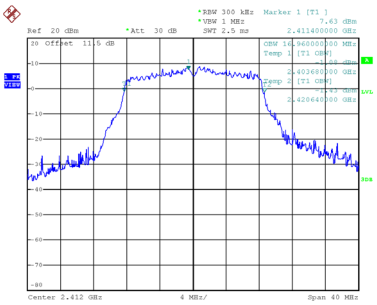


Date: 14.AUG.2024 11:33:32

CH11

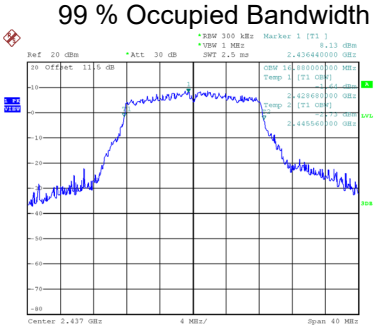


Date: 14.AUG.2024 11:36:24

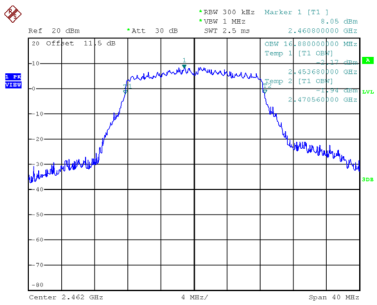


Date: 14.AUG.2024 11:28:59

99 % Occupied Bandwidth



Date: 14.AUG.2024 11:33:41

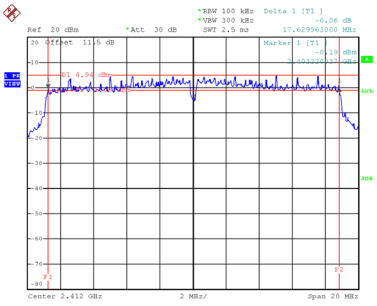


Date: 14.AUG.2024 11:36:33

Test Mode	IEEE 802.11n (HT20)_ Main Ant.

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	17.630	18.080	0.5	Complies
06	2437	17.620	18.080	0.5	Complies
11	2462	17.640	18.000	0.5	Complies

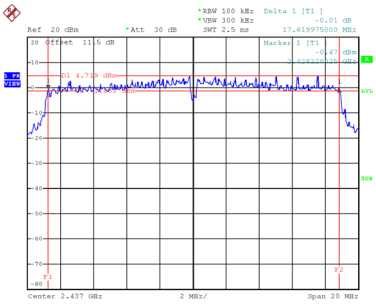
CH01



Date: 14.AUG.2024 11:40:24

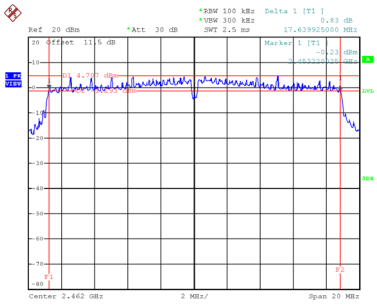
CH06

6 dB Bandwidth

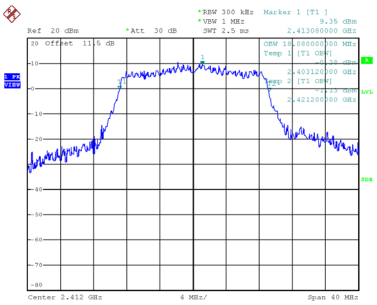


Date: 14.AUG.2024 11:42:44

CH11

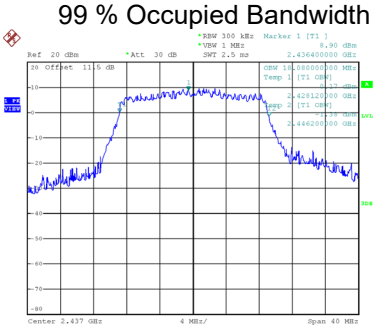


Date: 14.AUG.2024 11:45:43

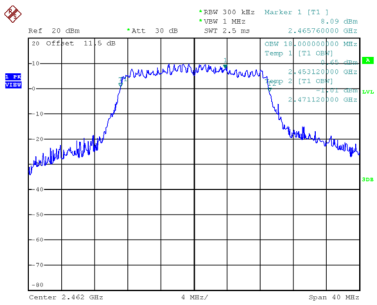


Date: 14.AUG.2024 11:40:33

99 % Occupied Bandwidth



Date: 14.AUG.2024 11:42:53

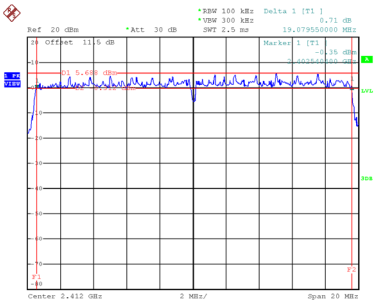


Date: 14.AUG.2024 11:45:52

Test Mode	IEEE 802.11ax (HE20)_ Main Ant.

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	19.080	19.200	0.5	Complies
06	2437	19.160	19.200	0.5	Complies
11	2462	19.100	19.280	0.5	Complies

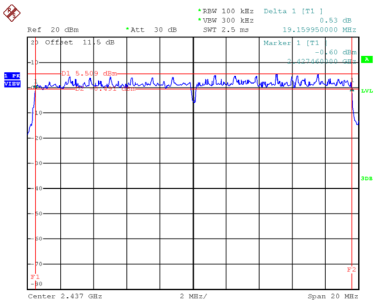
CH01



Date: 14.AUG.2024 11:48:43

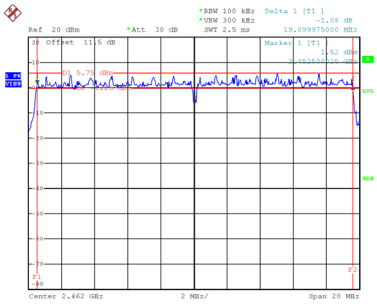
CH06

6 dB Bandwidth

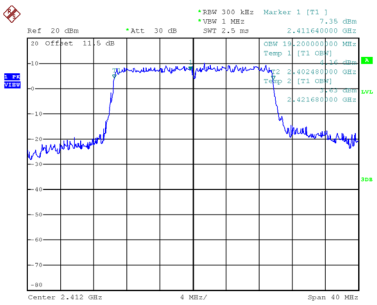


Date: 14.AUG.2024 11:50:25

CH11

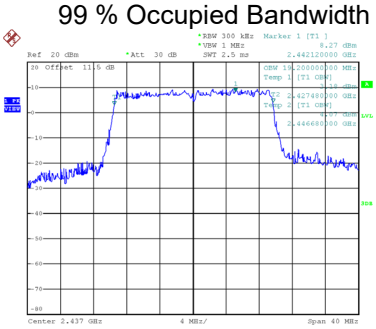


Date: 14.AUG.2024 11:52:00

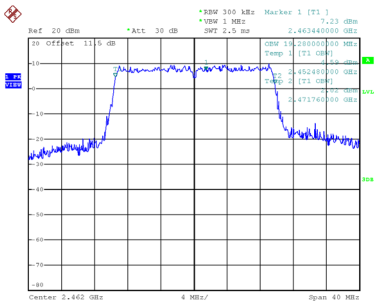


Date: 14.AUG.2024 11:48:52

99 % Occupied Bandwidth



Date: 14.AUG.2024 11:50:34



Date: 14.AUG.2024 11:52:09

APPENDIX E MAXIMUM OUTPUT POWER

Test Mode	IEEE 802.11b_ Main Ant.	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	0.00	0.00	0.00	30.00	1.0000	Complies
06	2437	19.31	0.00	19.31	30.00	1.0000	Complies
11	2462	18.74	0.00	18.74	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_ Aux Ant.	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.39	0.00	17.39	30.00	1.0000	Complies
06	2437	18.18	0.00	18.18	30.00	1.0000	Complies
11	2462	17.72	0.00	17.72	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Total	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.47	30.00	1.0000	Complies
06	2437	21.79	30.00	1.0000	Complies
11	2462	21.27	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_ Main Ant.	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.07	0.29	17.36	30.00	1.0000	Complies
06	2437	17.12	0.29	17.41	30.00	1.0000	Complies
11	2462	17.02	0.29	17.31	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_ Aux Ant.	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.63	0.29	15.92	30.00	1.0000	Complies
06	2437	15.86	0.29	16.15	30.00	1.0000	Complies
11	2462	15.72	0.29	16.01	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Total	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.71	30.00	1.0000	Complies
06	2437	19.84	30.00	1.0000	Complies
11	2462	19.72	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_ Main Ant.	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.32	0.31	17.63	30.00	1.0000	Complies
06	2437	18.03	0.31	18.34	30.00	1.0000	Complies
11	2462	17.52	0.31	17.83	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_ Aux Ant.	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.62	0.31	15.93	30.00	1.0000	Complies
06	2437	16.52	0.31	16.83	30.00	1.0000	Complies
11	2462	15.81	0.31	16.12	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.88	30.00	1.0000	Complies
06	2437	20.66	30.00	1.0000	Complies
11	2462	20.07	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_ Main Ant.	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	14.78	2.52	17.30	30.00	1.0000	Complies
06	2437	16.55	2.52	19.07	30.00	1.0000	Complies
11	2462	14.25	2.52	16.77	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_ Aux Ant.	Tested Date	2024/8/14

Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	13.22	2.52	15.74	30.00	1.0000	Complies
06	2437	14.99	2.52	17.51	30.00	1.0000	Complies
11	2462	12.84	2.52	15.36	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HE20)_Total	Tested Date	2024/8/14

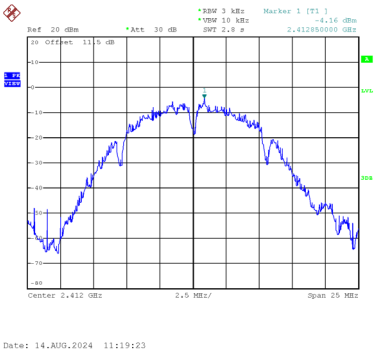
Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.60	30.00	1.0000	Complies
06	2437	21.37	30.00	1.0000	Complies
11	2462	19.14	30.00	1.0000	Complies

APPENDIX F POWER SPECTRAL DENSITY

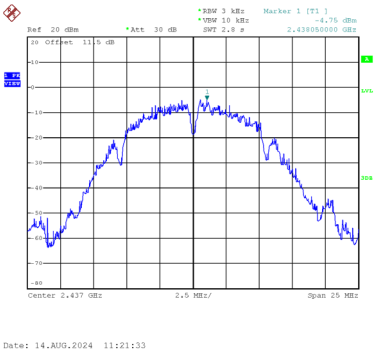
Test Mode	IEEE 802.11b_Main Ant.

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-4.16	8.00	Complies
06	2437	-4.75	8.00	Complies
11	2462	-4.44	8.00	Complies

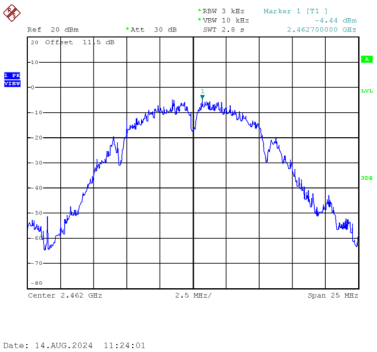
CH01



CH06



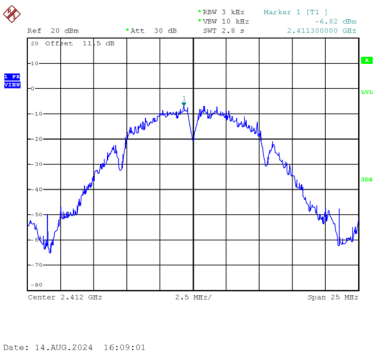
CH11



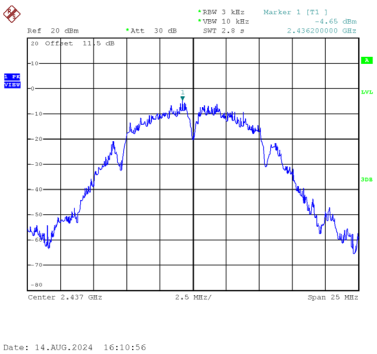
Test Mode	IEEE 802.11b_Aux Ant.

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-6.82	8.00	Complies
06	2437	-4.65	8.00	Complies
11	2462	-5.09	8.00	Complies

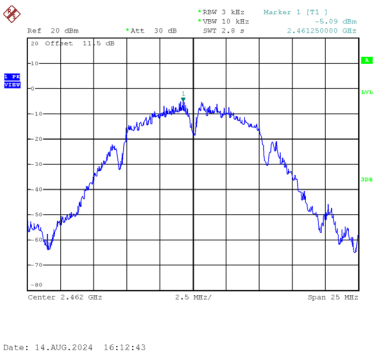
CH01



CH06



CH11



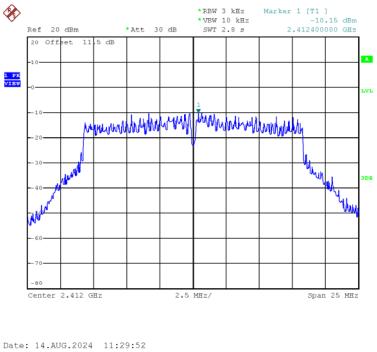
Test Mode	IEEE 802.11b_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-2.28	8.00	Complies
06	2437	-1.69	8.00	Complies
11	2462	-1.74	8.00	Complies

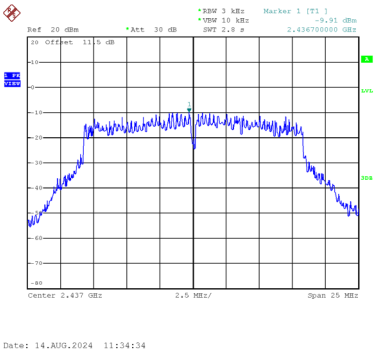
Test Mode	IEEE 802.11g_ Main Ant.

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.15	8.00	Complies
06	2437	-9.91	8.00	Complies
11	2462	-9.26	8.00	Complies

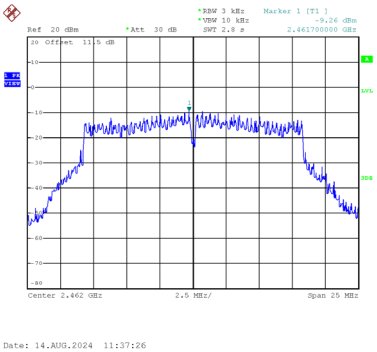
CH01



CH06



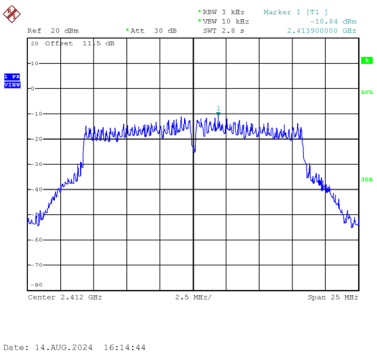
CH11



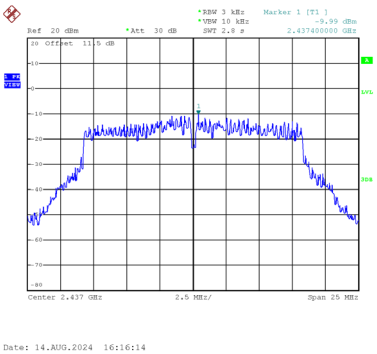
Test Mode	IEEE 802.11g_ Aux Ant.

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.84	8.00	Complies
06	2437	-9.99	8.00	Complies
11	2462	-10.45	8.00	Complies

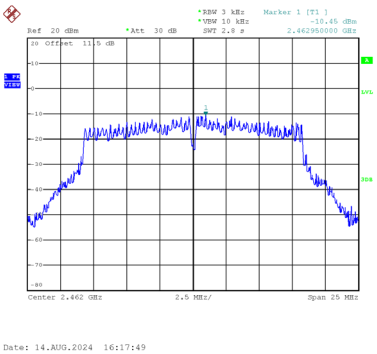
CH01



CH06



CH11



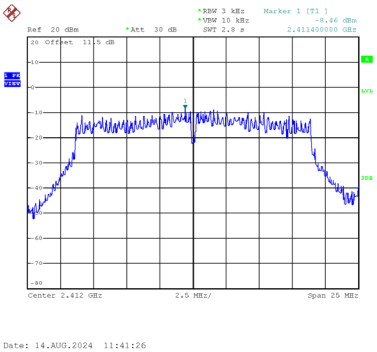
Test Mode	IEEE 802.11g_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-7.47	8.00	Complies
06	2437	-6.94	8.00	Complies
11	2462	-6.80	8.00	Complies

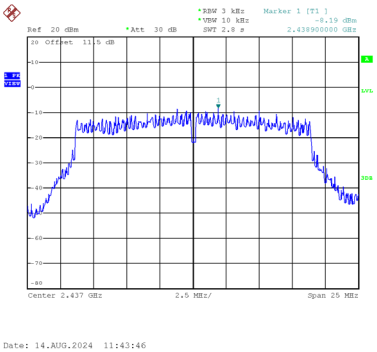
Test Mode	IEEE 802.11n (HT20)_ Main Ant.

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-8.46	8.00	Complies
06	2437	-8.19	8.00	Complies
11	2462	-7.94	8.00	Complies

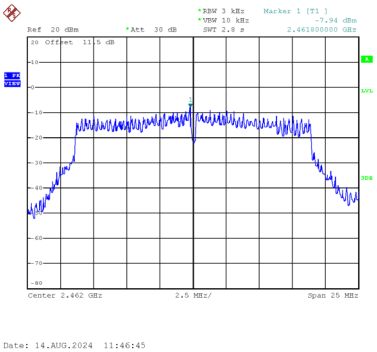
CH01



CH06



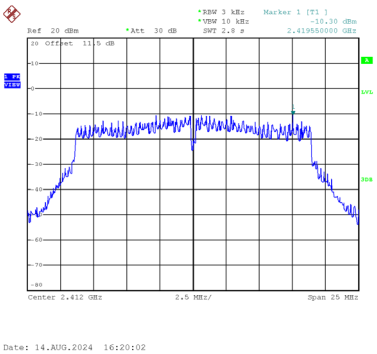
CH11



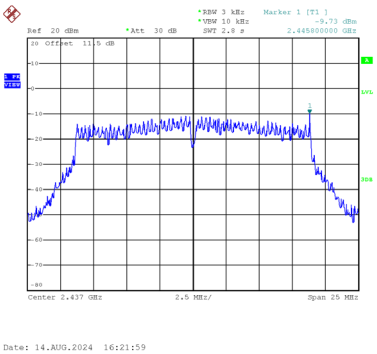
Test Mode	IEEE 802.11n (HT20)_ Aux Ant.

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.30	8.00	Complies
06	2437	-9.73	8.00	Complies
11	2462	-9.49	8.00	Complies

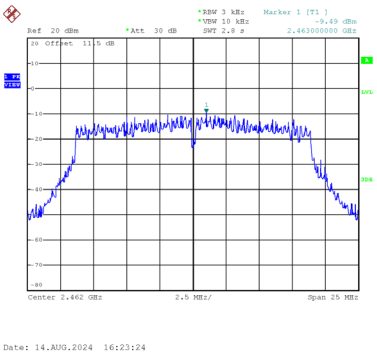
CH01



CH06



CH11



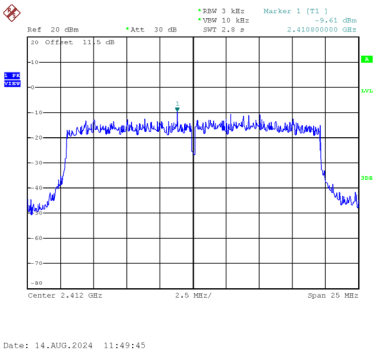
Test Mode	IEEE 802.11n (HT20)_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-6.27	8.00	Complies
06	2437	-5.88	8.00	Complies
11	2462	-5.64	8.00	Complies

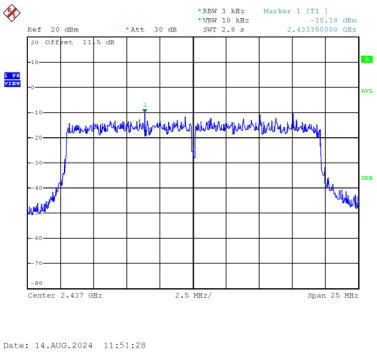
Test Mode	IEEE 802.11ax (HE20)_ Main Ant.

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-9.61	8.00	Complies
06	2437	-10.18	8.00	Complies
11	2462	-10.30	8.00	Complies

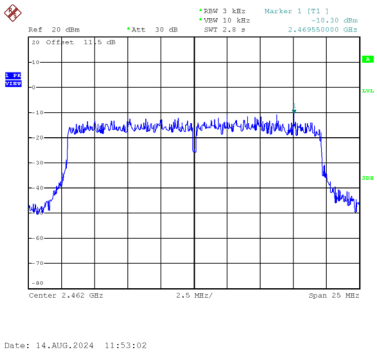
CH01



CH06



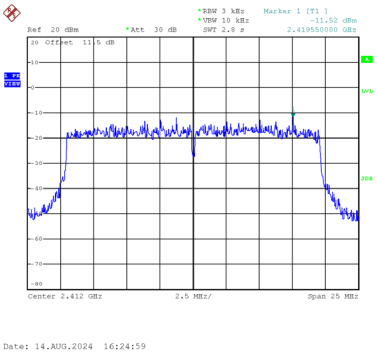
CH11



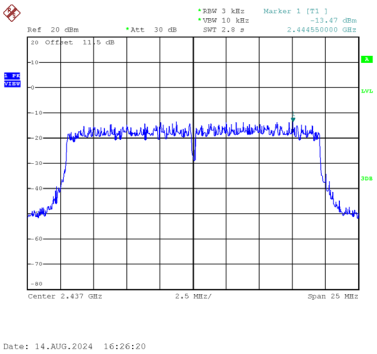
Test Mode	IEEE 802.11ax (HE20)_ Aux Ant.

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-11.52	8.00	Complies
06	2437	-13.47	8.00	Complies
11	2462	-12.54	8.00	Complies

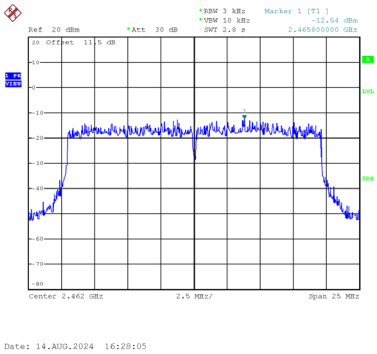
CH01



CH06



CH11



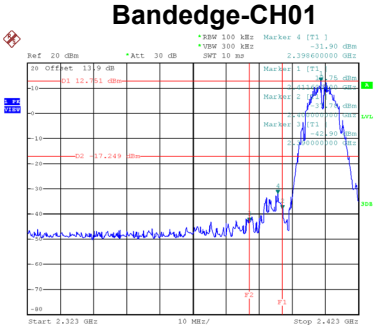
Test Mode	IEEE 802.11ax (HE20)_Total

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-7.45	8.00	Complies
06	2437	-8.51	8.00	Complies
11	2462	-8.27	8.00	Complies

APPENDIX G ANTENNA CONDUCTED SPURIOUS EMISSIONS

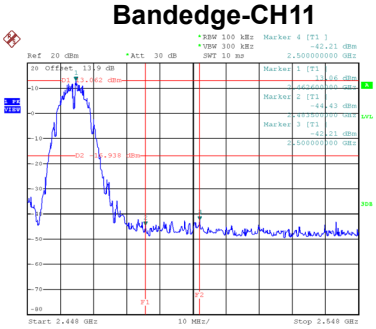
Test Mode	IEEE 802.11b_Main Ant.

Bandedge-CH01



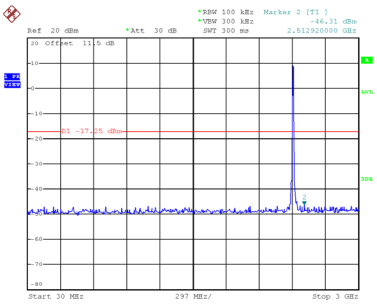
Date: 14.AUG.2024 11:18:39

Bandedge-CH11

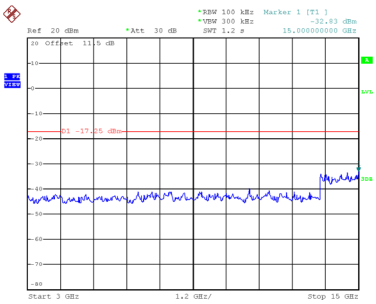


Date: 14.AUG.2024 11:23:16

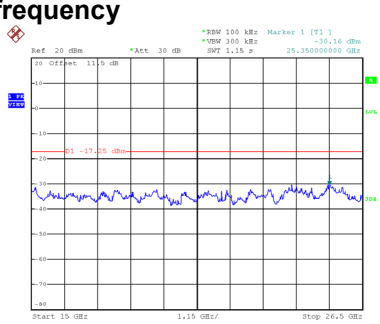
CH01 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 11:18:54

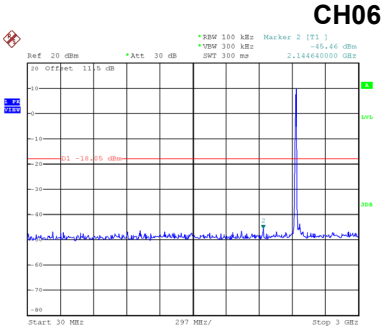


Date: 14.AUG.2024 11:19:04

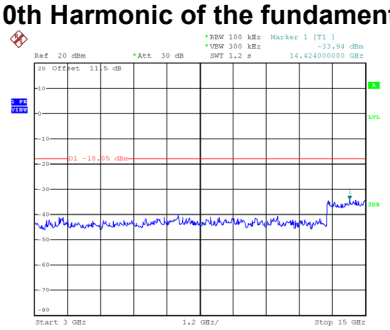


Date: 14.AUG.2024 11:19:13

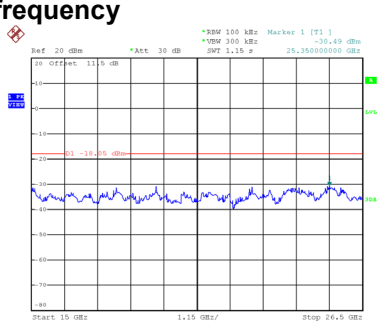
CH06 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 11:21:04

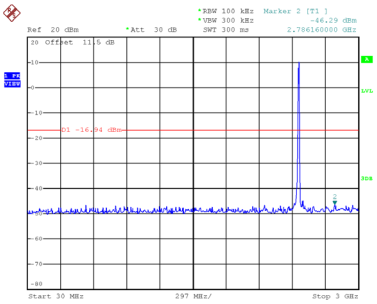


Date: 14.AUG.2024 11:21:14

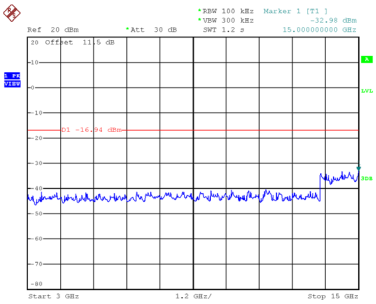


Date: 14.AUG.2024 11:21:23

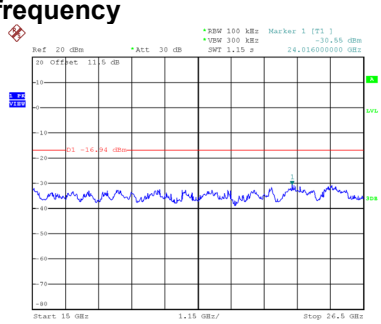
CH11 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 11:23:32



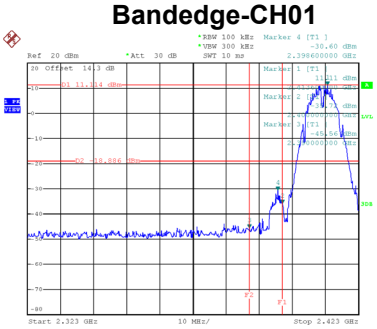
Date: 14.AUG.2024 11:23:41



Date: 14.AUG.2024 11:23:50

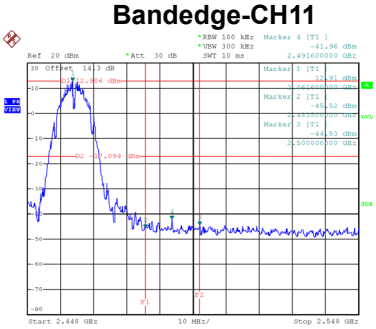
Test Mode	IEEE 802.11b_Aux Ant.

Bandedge-CH01



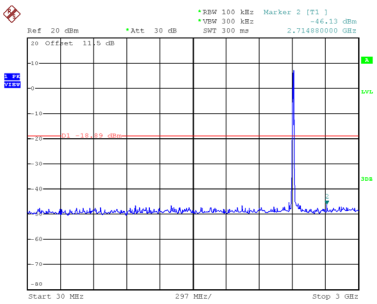
Date: 14.AUG.2024 16:08:17

Bandedge-CH11

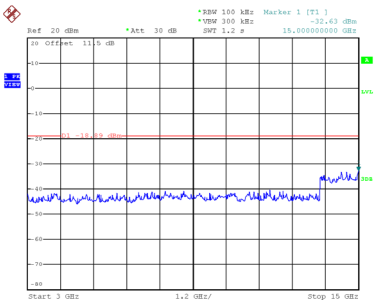


Date: 14.AUG.2024 16:11:59

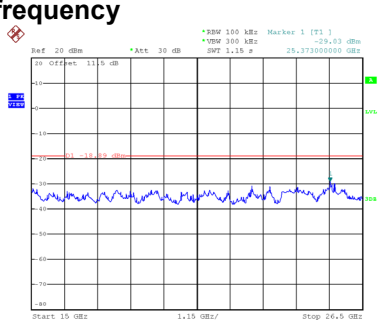
CH01 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 16:08:32

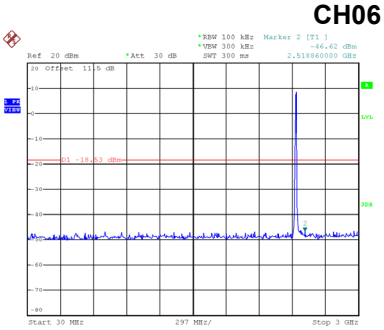


Date: 14.AUG.2024 16:08:42

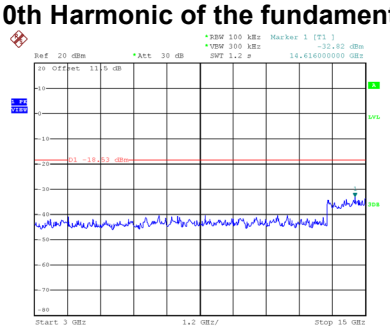


Date: 14.AUG.2024 16:08:51

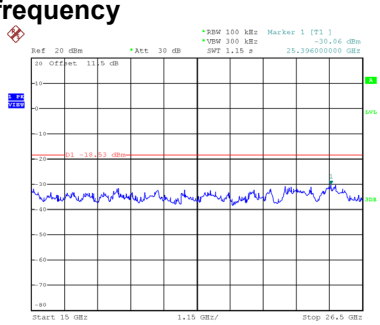
CH06 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 16:10:27

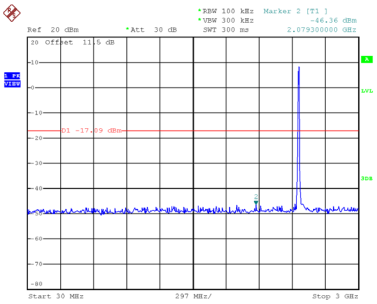


Date: 14.AUG.2024 16:10:36

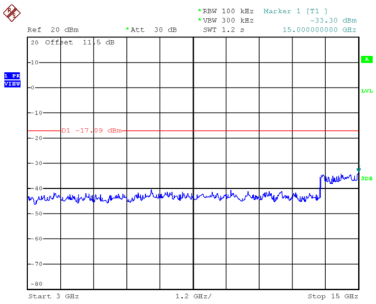


Date: 14.AUG.2024 16:10:45

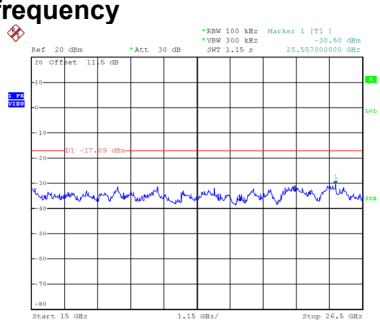
CH11 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 16:12:14



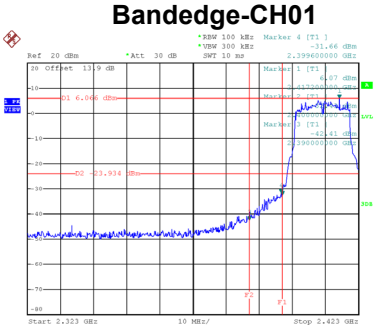
Date: 14.AUG.2024 16:12:23



Date: 14.AUG.2024 16:12:32

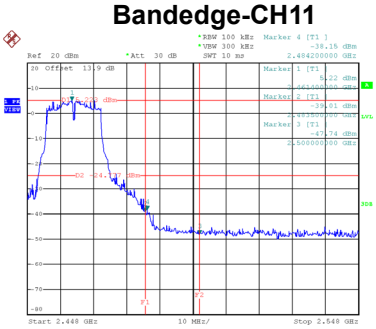
Test Mode	IEEE 802.11g_Main Ant.

Bandedge-CH01



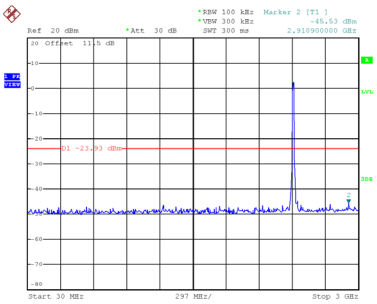
Date: 14.AUG.2024 11:29:08

Bandedge-CH11

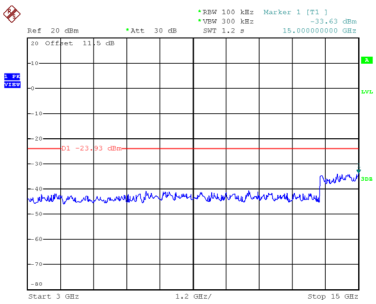


Date: 14.AUG.2024 11:36:42

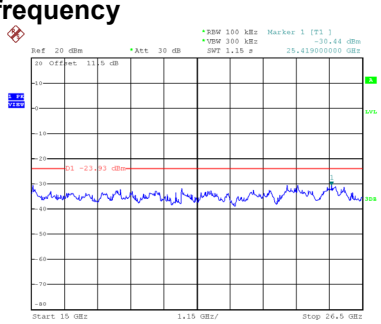
CH01 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 11:29:23

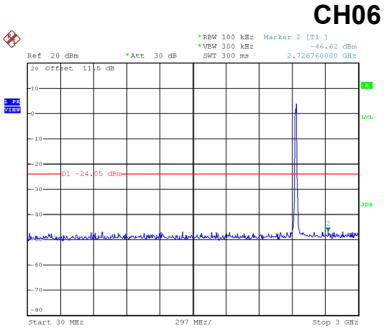


Date: 14.AUG.2024 11:29:32

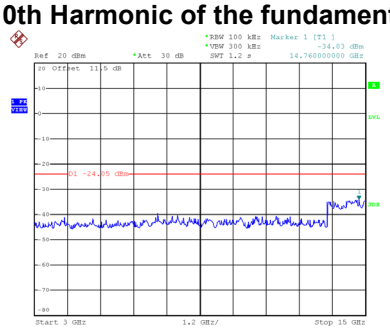


Date: 14.AUG.2024 11:29:42

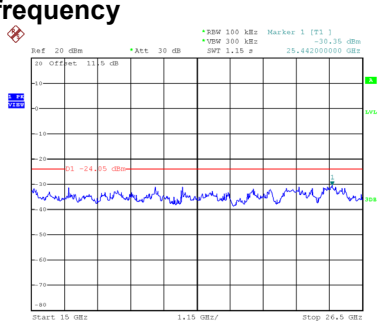
CH06 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 11:34:05

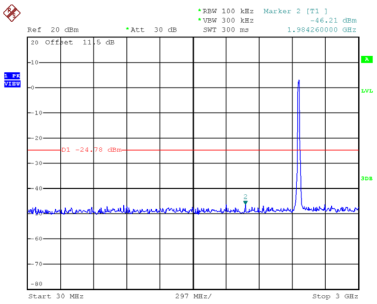


Date: 14.AUG.2024 11:34:14

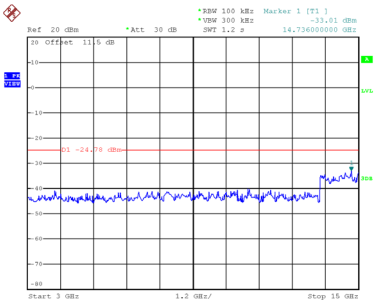


Date: 14.AUG.2024 11:34:23

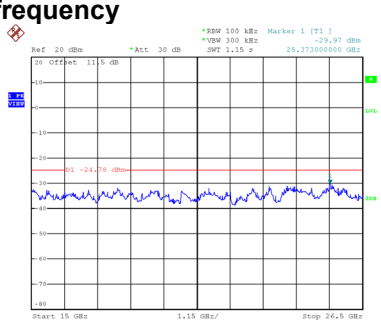
CH11 – 10th Harmonic of the fundamental frequency



Date: 14.AUG.2024 11:36:57



Date: 14.AUG.2024 11:37:06



Date: 14.AUG.2024 11:37:16