

FCC Radio Test Report

FCC ID: 2ATDI-CC

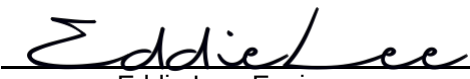
Report No. : BTL-FCCP-1-2306G086
Equipment : 4G LTE Router
Model Name : CC, C1500, C1600, CC Pro, CC SE, CC 5G, TT, TT Pro, TT SE, TT 5G, KK, KK Pro, KK SE, KK 5G, CC Disney, PowFi
Brand Name : NRadio
Applicant : NRadio Technologies Co., Ltd.
Address : Room 408,Ziyun Building,No.211,Xin'an 2nd Rd.,Bao'an District,Shenzhen,P.R.C.

Radio Function : WLAN 2.4 GHz

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s) : ANSI C63.10-2013

Date of Receipt : 2023/6/13
Date of Test : 2023/7/13 ~ 2023/7/19
Issued Date : 2023/8/14

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

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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** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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-1-2306G086	R00	Original Report.	2023/7/28	Invalid
BTL-FCCP-1-2306G086	R01	Revised Typo.	2023/8/1	Invalid
BTL-FCCP-1-2306G086	R02	Revised report to address TCB's comments.	2023/8/14	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

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

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.

1.1 REFERENCE TEST GUIDANCE

KDB 662911 D01 Multiple Transmitter Output v02r01

1.2 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. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☐ C05 ☐ CB08 ☐ CB11 ☒ SR10 ☐ SR11

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☒ C06 ☒ CB21 ☐ CB22

1.3 MEASUREMENT UNCERTAINTY

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

The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C06	CISPR	150 kHz ~ 30MHz	3.44

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	0.5334
Output power	0.3669
Power Spectral Density	0.6591
Conducted Spurious emissions	0.5416
Conducted Band edges	0.5348

NOTE:

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

1.4 TEST ENVIRONMENT CONDITIONS

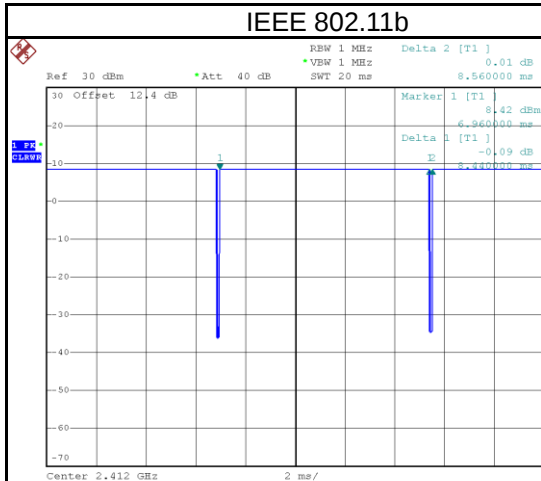
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25 °C, 51 %	AC 120V	Cora Lin
Radiated emissions below 1 GHz	Refer to data	AC 120V	Mark Wang
Radiated emissions above 1 GHz	Refer to data	AC 120V	Mark Wang
Bandwidth	24.9 °C, 42 %	AC 120V	Jay Tien
Output Power	24.9 °C, 42 %	AC 120V	Jay Tien
Power Spectral Density	24.9 °C, 42 %	AC 120V	Jay Tien
Antenna conducted Spurious Emission	24.9 °C, 42 %	AC 120V	Jay Tien

1.5 DUTY CYCLE

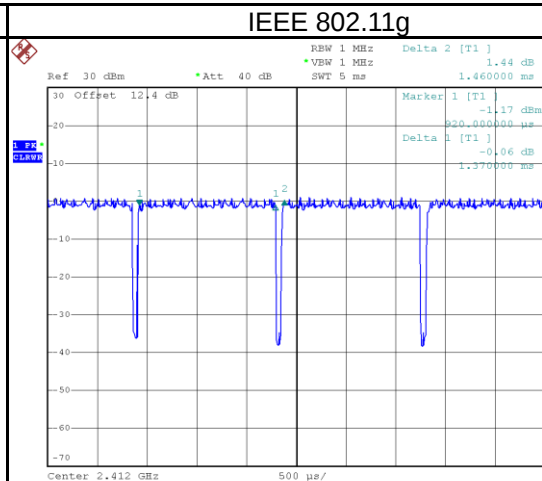
If duty cycle is $\geq 98\%$, duty factor is not required.

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

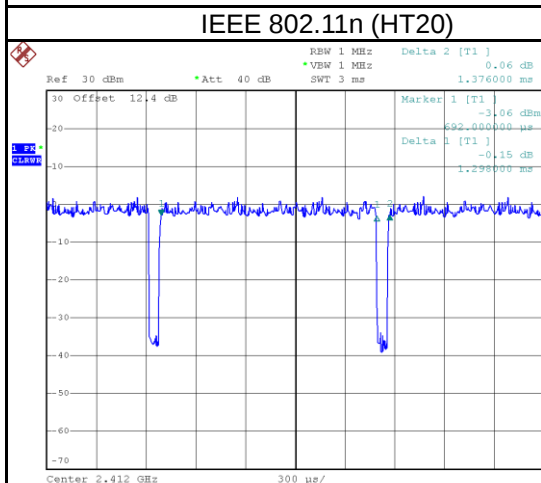
Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	8.440	1	8.440	8.560	98.60%	0.06
IEEE 802.11g	1.370	1	1.370	1.460	93.84%	0.28
IEEE 802.11n (HT20)	1.298	1	1.298	1.376	94.33%	0.25
IEEE 802.11n (HT40)	0.613	1	0.613	0.806	76.05%	1.19



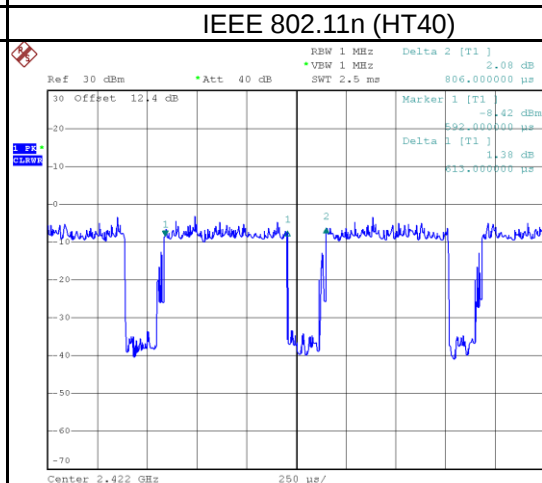
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2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	4G LTE Router
Model Name	CC, C1500, C1600, CC Pro, CC SE, CC 5G, TT, TT Pro, TT SE, TT 5G, KK, KK Pro, KK SE, KK 5G, CC Disney, PowFi
Brand Name	NRadio
Model Difference	The difference between them is that the models are different for different customers and different sales areas, and their circuit schematic, safety structures, key components, etc. are exactly the same, and the differences do not affect the safety and electromagnetic compatibility of the product.
Power Source	DC voltage supplied from USB port.
Power Rating	I/P: 5V --- 2A
Products Covered	1 * USB Cable
HW Version (Product)	WT6289
SW Version (Product)	1.9.2
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 300 Mbps
Output Power Max.	IEEE 802.11b: 19.99 dBm (0.0998 W) IEEE 802.11g: 18.90 dBm (0.0776 W) IEEE 802.11n (HT20): 18.89 dBm (0.0774 W) IEEE 802.11n (HT40): 18.77 dBm (0.0753 W)
Operating Software	MT7628 QA
Test Model	CC
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

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

(2) Channel List:

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

(3) Table for Filed Antenna:

Ant.	Brand	Model Name	Type	Connector	Frequency Range (MHz)	Gain (dBi)
1		CC-300	Shrapnel	N/A	2400-2500	3.54
2		CC-300	Shrapnel	N/A	2400-2500	3.54

NOTE:

- The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
- For Power Spectral Density (CDD mode)
 $\text{Directional Gain} = 10\log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / N_{\text{ANT}}] = 6.55 \text{ dBi} > 6\text{dBi}$.
The reduced power spectral density limits (dBm/3 kHz) = 8 - (6.55 - 6) = 7.45
- For Output Power (CDD mode)
For $N_{\text{ANT}} = 2 < 5$,
Direction gain = $G_{\text{ANT}} + 0 = 3.54 + 0 = 3.54 \text{ dBi}$.
- The Direction gain is less than 6 dBi, so output power limits will not be reduced.

- 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

TX Mode	Operating 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 802.11n (HT40)		V (Ant. 1+Ant. 2)

2.2 TEST MODES

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

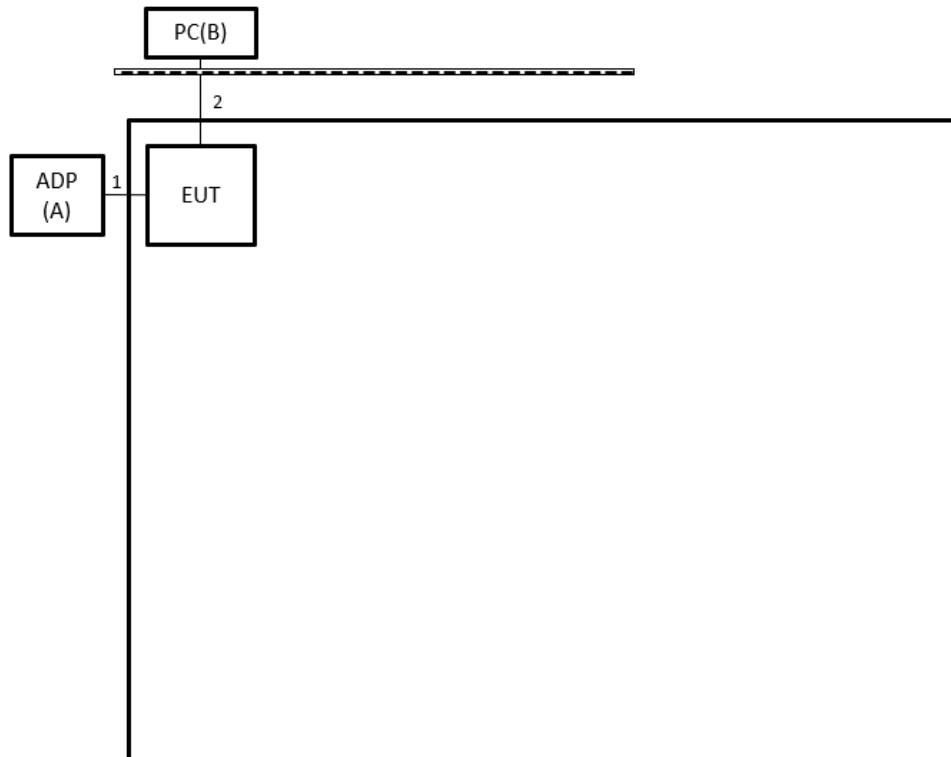
NOTE:

- (1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.
- (2) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.

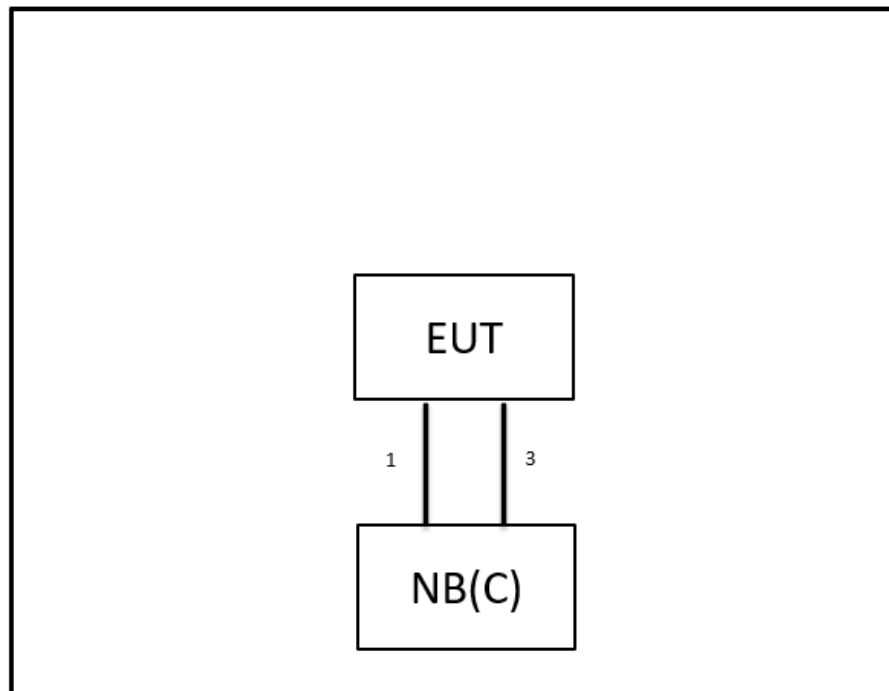
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	ADAPTER	Apple	GQ24-120250-AU	N/A	Furnished by test lab.
B	PC	DELL	OptiPlex 790 MT	611WJA00	Furnished by test lab.
C	NB	HP	TPN-C125	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	No	No	1m	Type C to USB	Supplied by test requester
2	No	No	6m	RJ-45 Cable	Furnished by test lab.
3	No	No	1m	RJ-45 Cable	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
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.

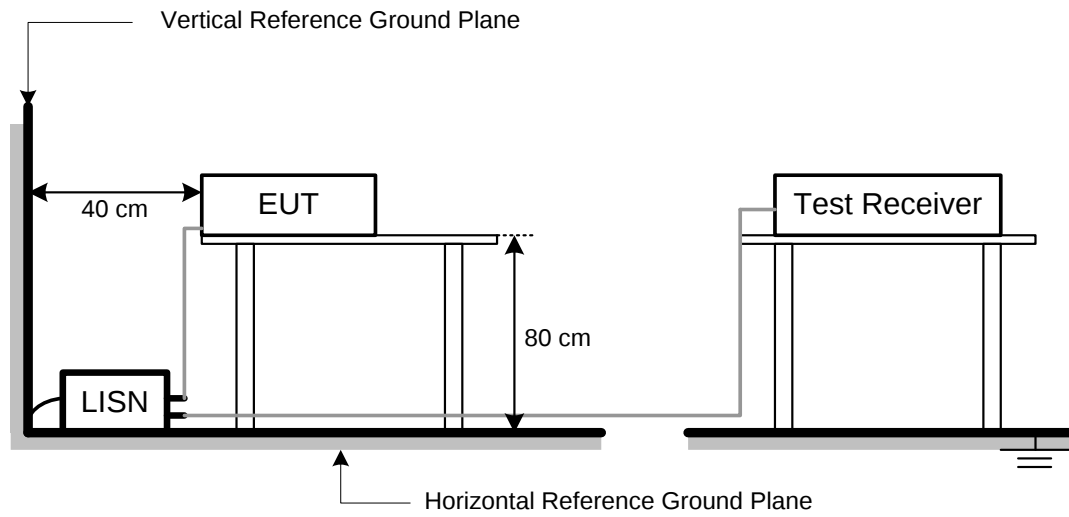
NOTE:

- (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		Correct Factor		Measurement Value
19.11	+	2.11	=	21.22

Measurement Value		Limit Value		Margin Level
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	300
IEEE 802.11g	750
IEEE 802.11n (HT20)	820
IEEE 802.11n (HT40)	1.8K

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

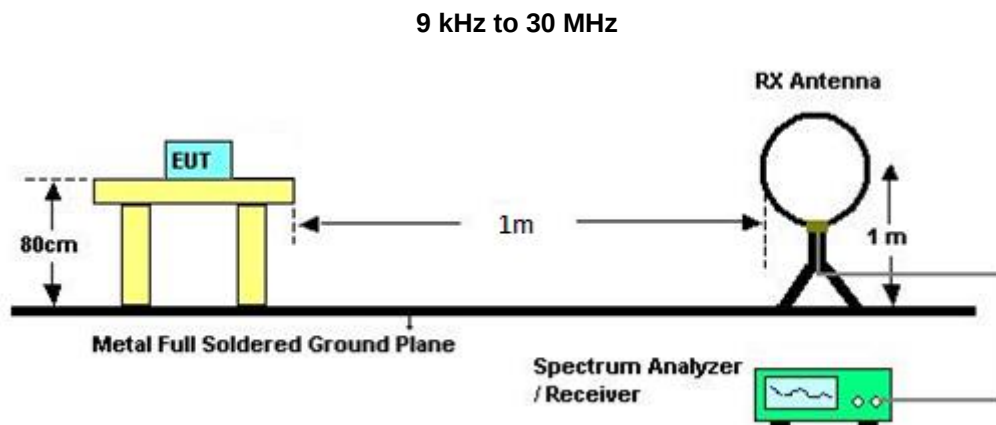
4.2 TEST PROCEDURE

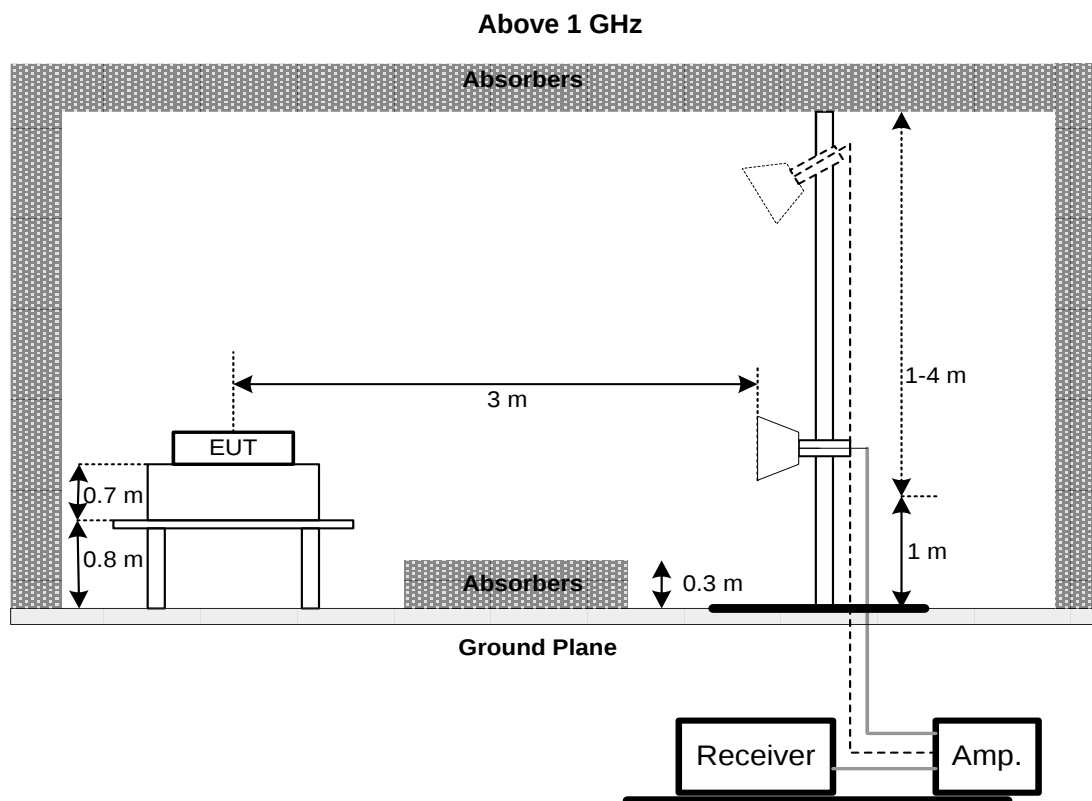
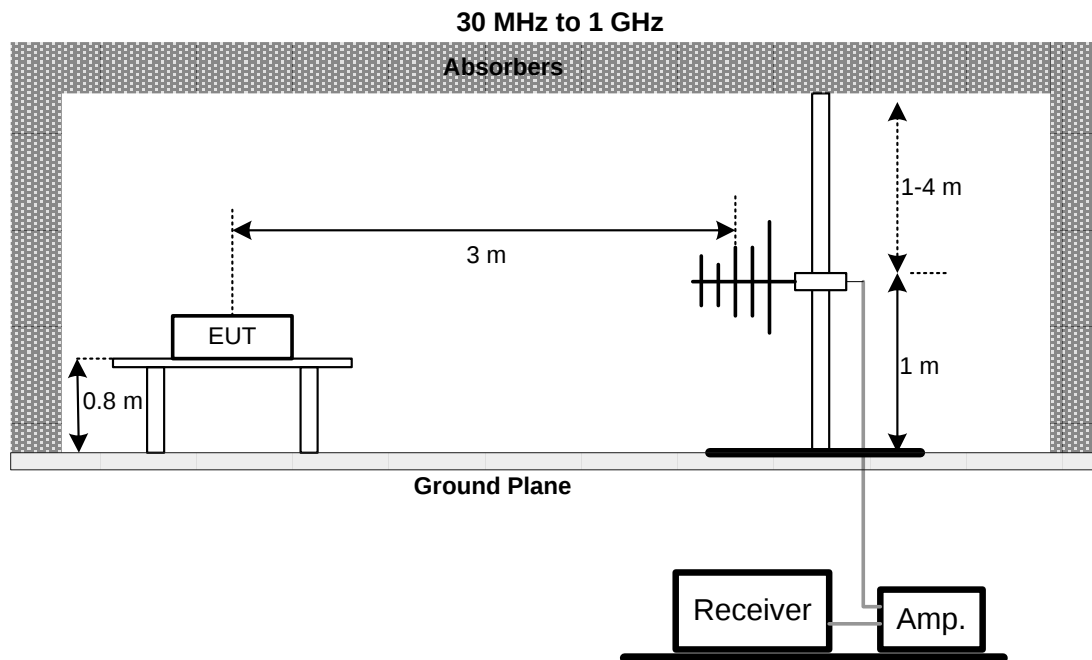
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

4.3 DEVIATION FROM TEST STANDARD

No deviation.

4.4 TEST SETUP





4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – BELOW 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

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

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

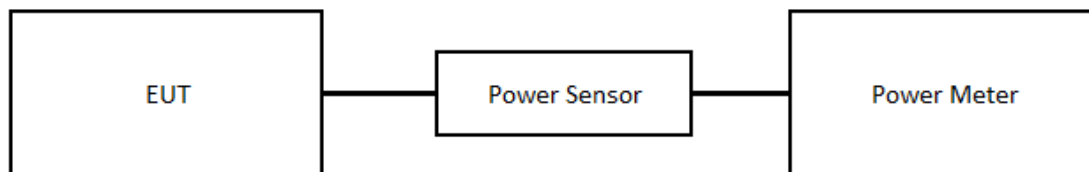
6.2 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- The maximum peak conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.
- 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

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

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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

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

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX G.

9 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101497	2023/5/18	2024/5/17
2	Test Cable	EMCI	EMC400-BM-BM-5000	170501	2022/8/3	2023/8/3
3	EMI Test Receiver	R&S	ESR3	102950	2023/4/12	2024/4/11
4	Measurement Software	EZ	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2022/9/19	2023/9/18
2	Preamplifier	EMCI	EMC118A45SE	980819	2023/3/7	2024/3/6
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2022/9/28	2023/9/27
4	Preamplifier	EMCI	EMC001340	980579	2022/9/30	2023/9/29
5	Test Cable	EMCI	EMC104-SM-1000	180809	2023/7/10	2024/7/9
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2023/3/14	2024/3/13
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2023/3/14	2024/3/13
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2022/9/19	2023/9/18
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2023/5/12	2024/5/11
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2023/5/12	2024/5/11
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
14	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2023/3/14	2024/3/13
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2023/3/14	2024/3/13
16	Measurement Software	EZ	EZ EMC (Version 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 40	100129	2022/10/7	2023/10/6

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Power Meter	Anritsu	ML2495A	1128008	2023/5/12	2024/5/11
2	Power Sensor	Anritsu	MA2411B	1126001	2023/5/12	2024/5/11

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	100129	2022/10/7	2023/10/6

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	100129	2022/10/7	2023/10/6

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

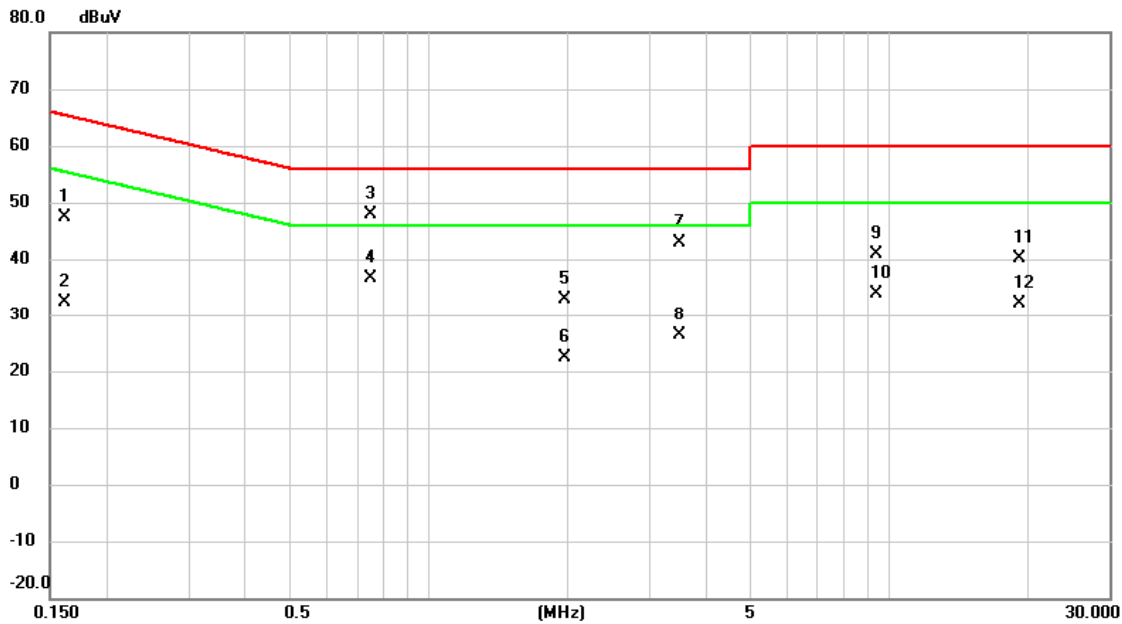
Please refer to document Appendix No.: TP-2306G086-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2306G086-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2023/7/13
Test Frequency	-	Phase	Line



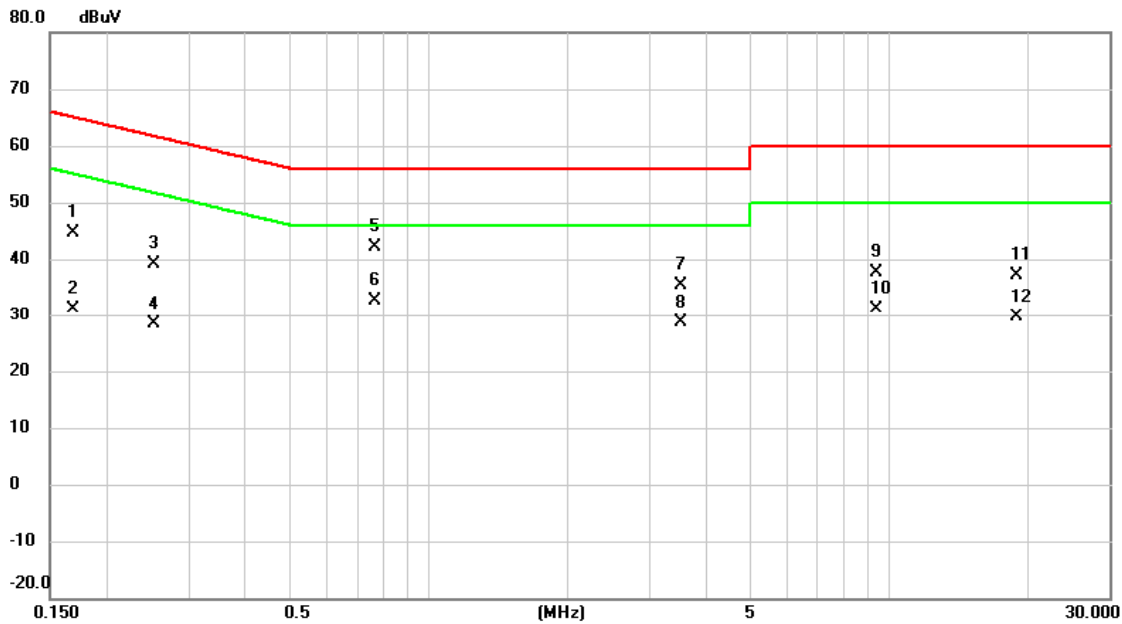
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1613	37.56	9.80	47.36	65.40	-18.04	QP	
2		0.1613	22.70	9.80	32.50	55.40	-22.90	AVG	
3	*	0.7507	38.04	9.76	47.80	56.00	-8.20	QP	
4		0.7507	26.90	9.76	36.66	46.00	-9.34	AVG	
5		1.9748	23.06	9.79	32.85	56.00	-23.15	QP	
6		1.9748	12.56	9.79	22.35	46.00	-23.65	AVG	
7		3.4800	32.99	9.79	42.78	56.00	-13.22	QP	
8		3.4800	16.64	9.79	26.43	46.00	-19.57	AVG	
9		9.3885	30.98	9.78	40.76	60.00	-19.24	QP	
10		9.3885	24.09	9.78	33.87	50.00	-16.13	AVG	
11		19.1310	29.85	10.21	40.06	60.00	-19.94	QP	
12		19.1310	21.98	10.21	32.19	50.00	-17.81	AVG	

REMARKS:

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

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

Test Mode	Normal	Tested Date	2023/7/13
Test Frequency	-	Phase	Neutral



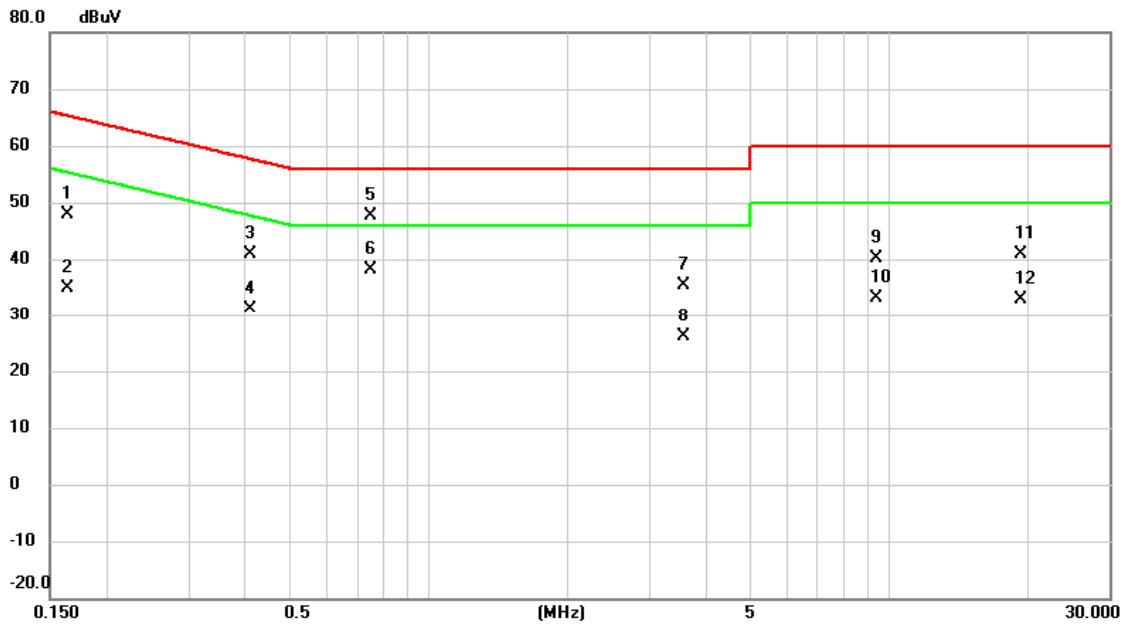
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1680	34.89	9.78	44.67	65.06	-20.39	QP	
2		0.1680	21.33	9.78	31.11	55.06	-23.95	AVG	
3		0.2513	29.33	9.77	39.10	61.71	-22.61	QP	
4		0.2513	18.57	9.77	28.34	51.71	-23.37	AVG	
5		0.7620	32.49	9.76	42.25	56.00	-13.75	QP	
6	*	0.7620	22.94	9.76	32.70	46.00	-13.30	AVG	
7		3.5160	25.72	9.77	35.49	56.00	-20.51	QP	
8		3.5160	18.94	9.77	28.71	46.00	-17.29	AVG	
9		9.3908	27.79	9.80	37.59	60.00	-22.41	QP	
10		9.3908	21.30	9.80	31.10	50.00	-18.90	AVG	
11		18.8745	26.75	10.33	37.08	60.00	-22.92	QP	
12		18.8745	19.37	10.33	29.70	50.00	-20.30	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2023/7/13
Test Frequency	-	Phase	Line



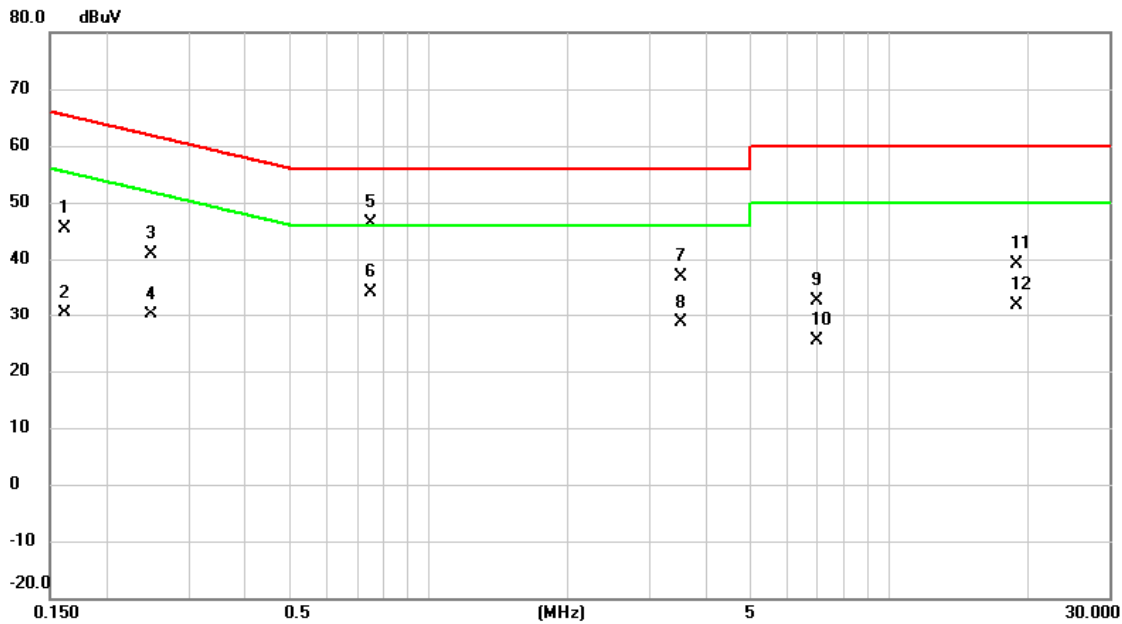
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1635	38.06	9.81	47.87	65.28	-17.41	QP	
2		0.1635	24.99	9.81	34.80	55.28	-20.48	AVG	
3		0.4110	31.23	9.77	41.00	57.63	-16.63	QP	
4		0.4110	21.28	9.77	31.05	47.63	-16.58	AVG	
5		0.7485	37.88	9.76	47.64	56.00	-8.36	QP	
6	*	0.7485	28.25	9.76	38.01	46.00	-7.99	AVG	
7		3.5700	25.57	9.79	35.36	56.00	-20.64	QP	
8		3.5700	16.29	9.79	26.08	46.00	-19.92	AVG	
9		9.3908	30.42	9.78	40.20	60.00	-19.80	QP	
10		9.3908	23.31	9.78	33.09	50.00	-16.91	AVG	
11		19.3245	30.59	10.22	40.81	60.00	-19.19	QP	
12		19.3245	22.70	10.22	32.92	50.00	-17.08	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2023/7/13
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1612	35.58	9.77	45.35	65.40	-20.05	QP	
2		0.1612	20.73	9.77	30.50	55.40	-24.90	AVG	
3		0.2490	31.03	9.78	40.81	61.79	-20.98	QP	
4		0.2490	20.33	9.78	30.11	51.79	-21.68	AVG	
5	*	0.7483	36.54	9.76	46.30	56.00	-9.70	QP	
6		0.7483	24.42	9.76	34.18	46.00	-11.82	AVG	
7		3.5092	27.12	9.77	36.89	56.00	-19.11	QP	
8		3.5092	18.92	9.77	28.69	46.00	-17.31	AVG	
9		6.9720	22.78	9.80	32.58	60.00	-27.42	QP	
10		6.9720	15.60	9.80	25.40	50.00	-24.60	AVG	
11		18.9172	28.90	10.33	39.23	60.00	-20.77	QP	
12		18.9172	21.52	10.33	31.85	50.00	-18.15	AVG	

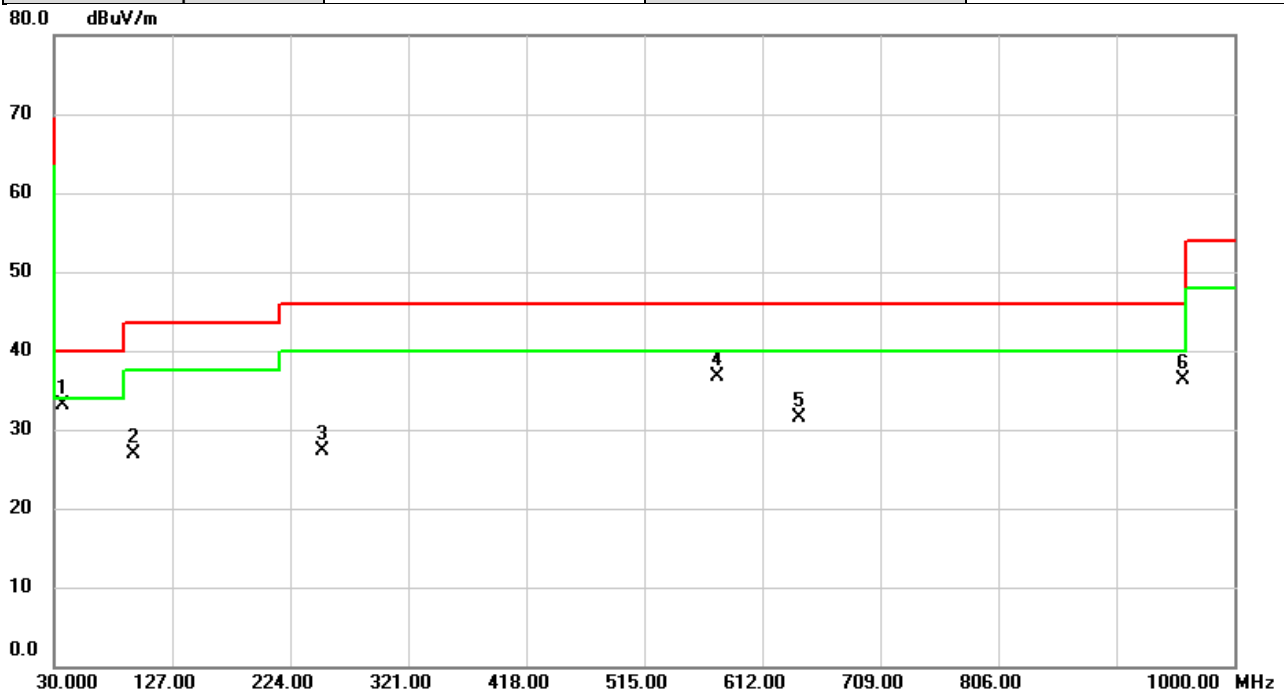
REMARKS:

(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	2023/7/19
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	51%

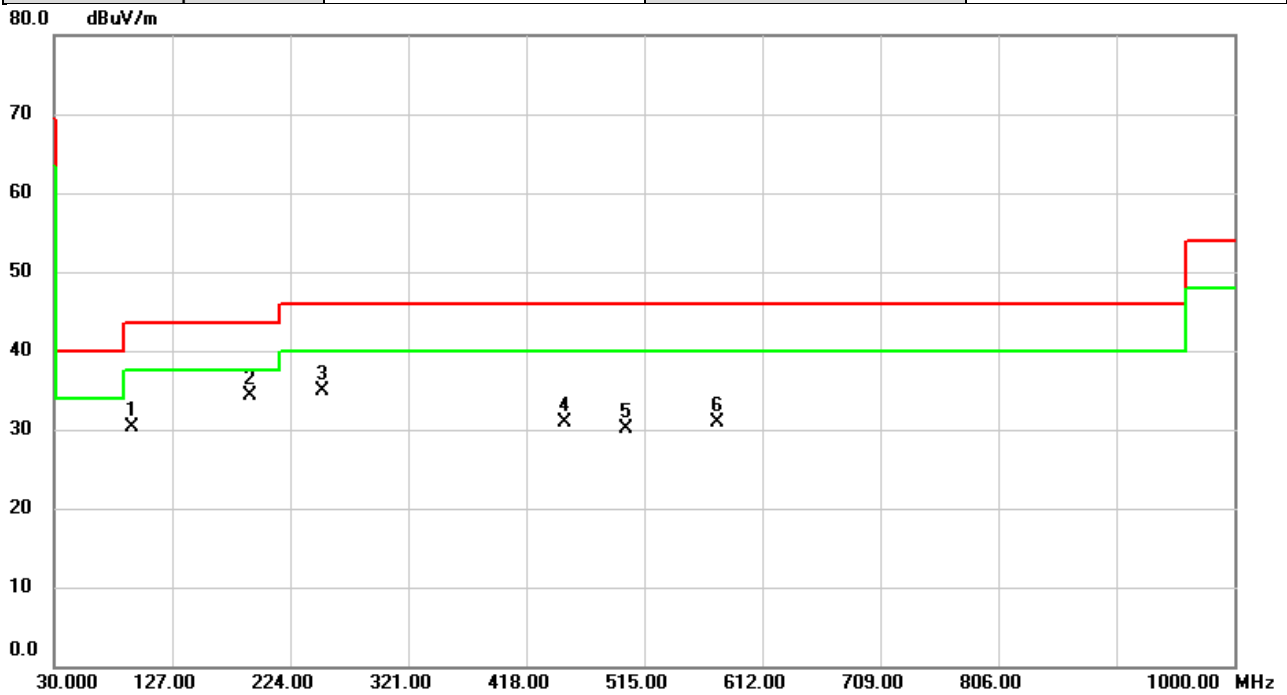


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36.9517	45.18	-12.12	33.06	40.00	-6.94	peak	
2		95.8307	43.98	-17.07	26.91	43.50	-16.59	peak	
3		249.9960	40.24	-13.00	27.24	46.00	-18.76	peak	
4		575.0107	41.21	-4.57	36.64	46.00	-9.36	peak	
5		642.0377	34.71	-3.21	31.50	46.00	-14.50	peak	
6		958.3223	34.81	1.51	36.32	46.00	-9.68	peak	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/7/19
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	51%



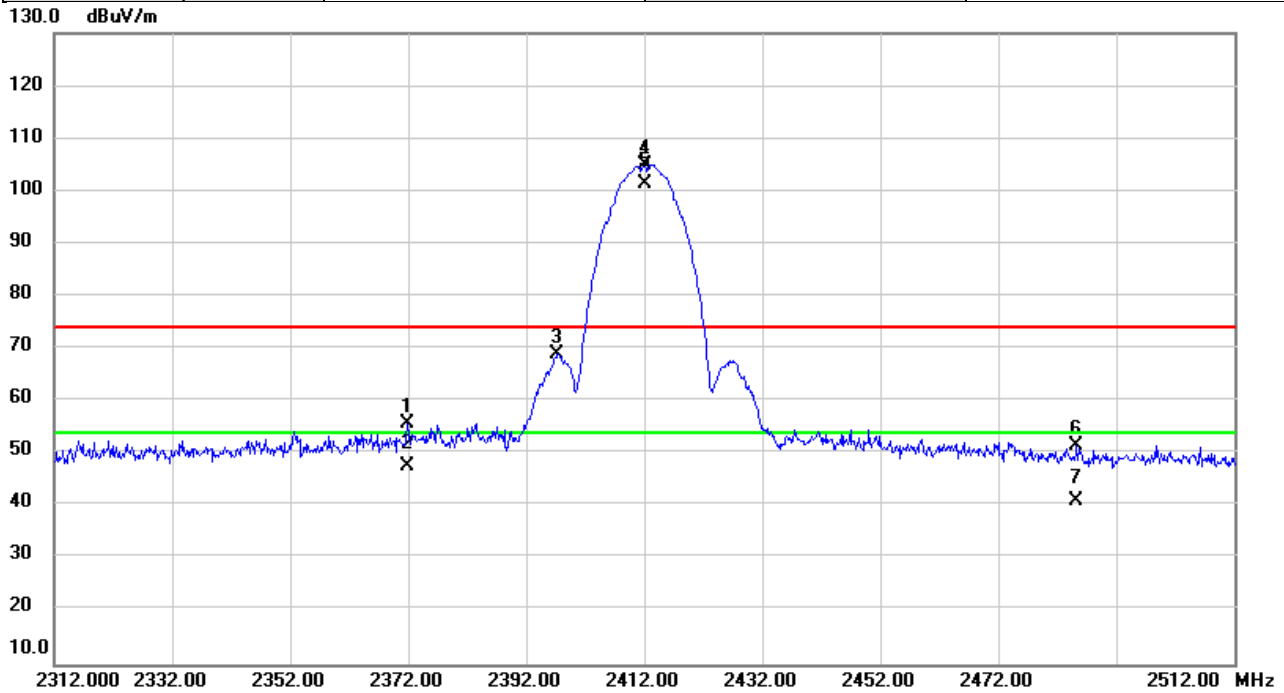
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		94.3757	47.63	-17.23	30.40	43.50	-13.10	peak	
2	*	191.6343	48.89	-14.54	34.35	43.50	-9.15	peak	
3		249.9960	47.81	-13.00	34.81	46.00	-11.19	peak	
4		449.4927	38.03	-7.09	30.94	46.00	-15.06	peak	
5		499.9973	36.28	-6.23	30.05	46.00	-15.95	peak	
6		575.0107	35.38	-4.57	30.81	46.00	-15.19	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	2023/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

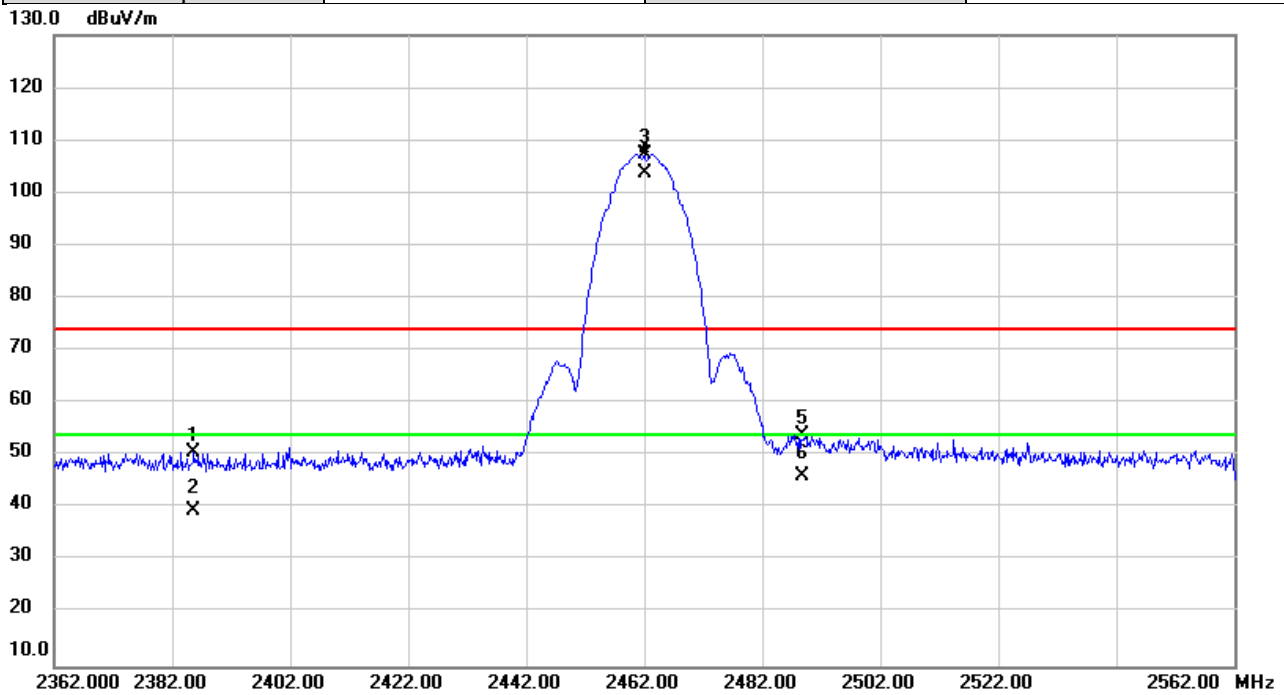


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2371.840	61.38	-5.60	55.78	74.00	-18.22	peak	
2		2371.840	53.30	-5.60	47.70	54.00	-6.30	AVG	
3		2397.320	74.62	-5.56	69.06	74.00	-4.94	peak	NoLimit
4	X	2412.000	110.52	-5.53	104.99	74.00	30.99	peak	NoLimit
5	*	2412.000	106.99	-5.53	101.46	54.00	47.46	AVG	NoLimit
6		2485.233	57.02	-5.40	51.62	74.00	-22.38	peak	
7		2485.233	46.42	-5.40	41.02	54.00	-12.98	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) 2310MHz to 2312 MHz there were no emissions found within 20 dB of limit.

Test Mode	IEEE 802.11b	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

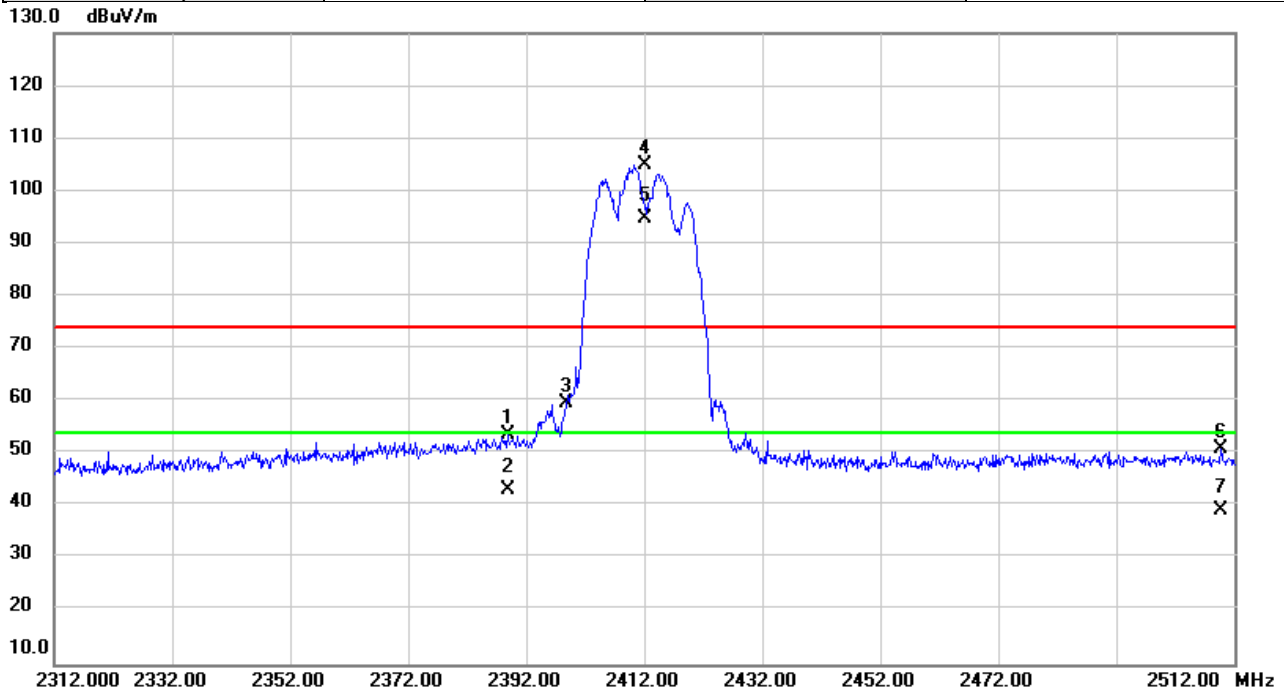


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.733	56.35	-5.58	50.77	74.00	-23.23	peak	
2		2385.733	45.09	-5.58	39.51	54.00	-14.49	AVG	
3	X	2462.000	112.87	-5.45	107.42	74.00	33.42	peak	NoLimit
4	*	2462.000	109.23	-5.45	103.78	54.00	49.78	AVG	NoLimit
5		2488.835	59.24	-5.40	53.84	74.00	-20.16	peak	
6		2488.835	51.67	-5.40	46.27	54.00	-7.73	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

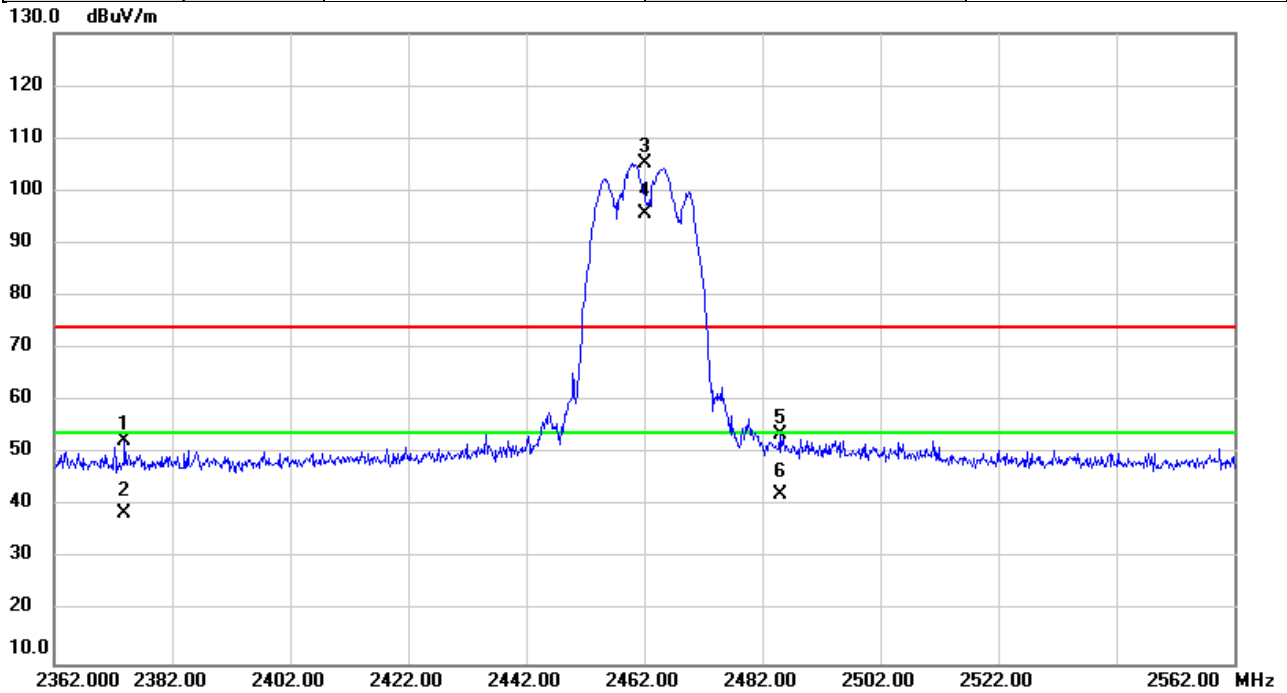


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.993	59.14	-5.58	53.56	74.00	-20.44	peak	
2		2388.993	48.70	-5.58	43.12	54.00	-10.88	AVG	
3		2398.700	65.11	-5.56	59.55	74.00	-14.45	peak	NoLimit
4	X	2412.000	110.37	-5.53	104.84	74.00	30.84	peak	NoLimit
5	*	2412.000	100.15	-5.53	94.62	54.00	40.62	AVG	NoLimit
6		2509.747	56.18	-5.34	50.84	74.00	-23.16	peak	
7		2509.747	44.60	-5.34	39.26	54.00	-14.74	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) 2310MHz to 2312 MHz there were no emissions found within 20 dB of limit.

Test Mode	IEEE 802.11g	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

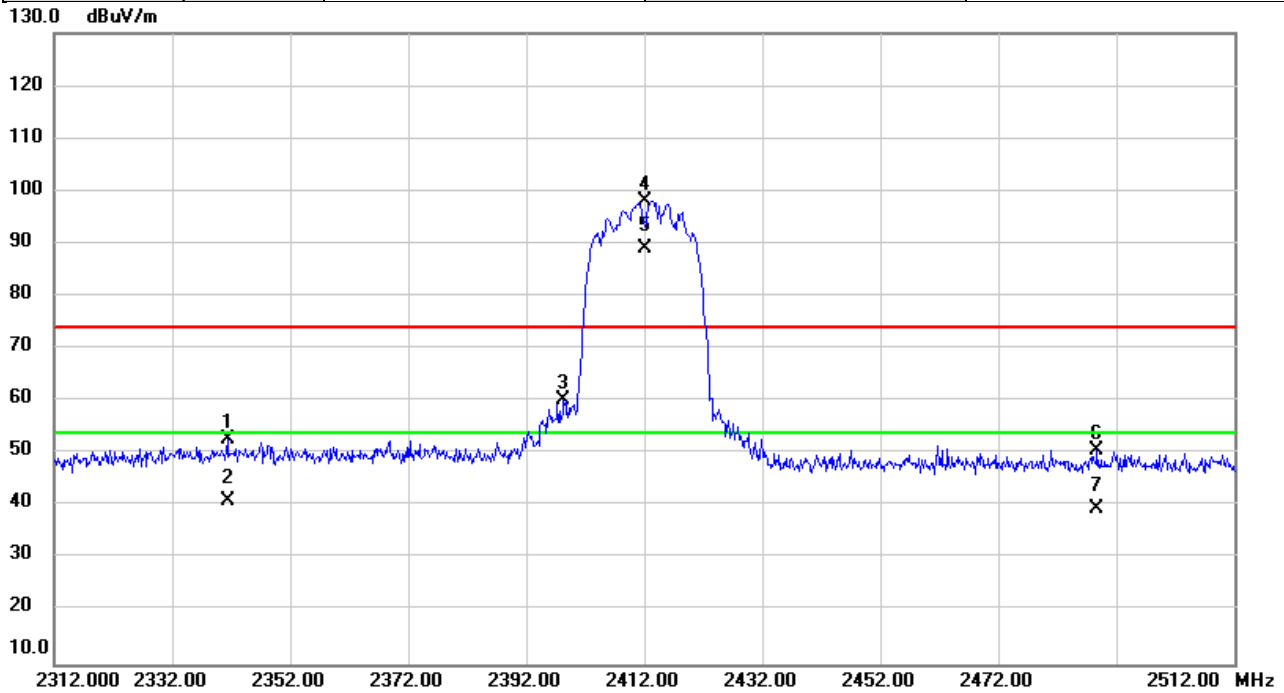


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2373.827	58.04	-5.60	52.44	74.00	-21.56	peak	
2		2373.827	44.35	-5.60	38.75	54.00	-15.25	AVG	
3	X	2462.000	110.66	-5.45	105.21	74.00	31.21	peak	NoLimit
4	*	2462.000	101.04	-5.45	95.59	54.00	41.59	AVG	NoLimit
5		2484.947	58.94	-5.40	53.54	74.00	-20.46	peak	
6		2484.947	47.50	-5.40	42.10	54.00	-11.90	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

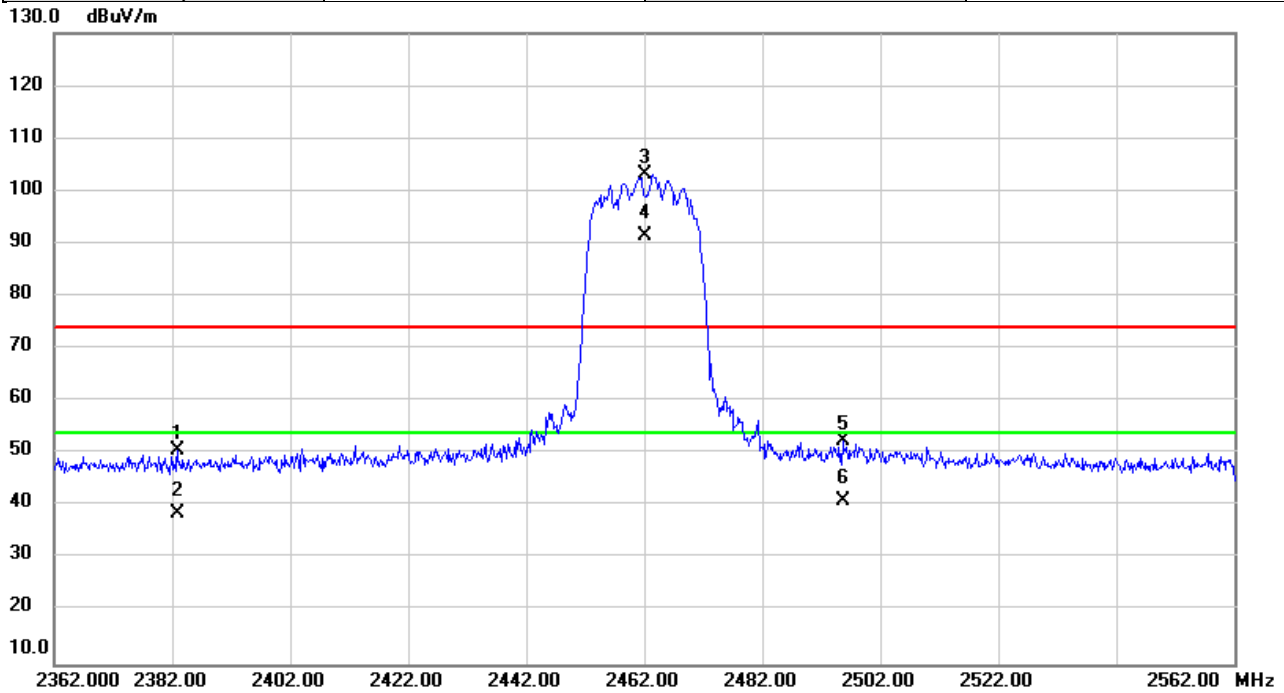


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2341.353	58.37	-5.65	52.72	74.00	-21.28	peak	
2		2341.353	46.78	-5.65	41.13	54.00	-12.87	AVG	
3		2398.387	65.67	-5.56	60.11	74.00	-13.89	peak	NoLimit
4	X	2412.000	103.72	-5.53	98.19	74.00	24.19	peak	NoLimit
5	*	2412.000	94.63	-5.53	89.10	54.00	35.10	AVG	NoLimit
6		2488.707	56.19	-5.40	50.79	74.00	-23.21	peak	
7		2488.707	44.92	-5.40	39.52	54.00	-14.48	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.
- (3) 2310MHz to 2312 MHz there were no emissions found within 20 dB of limit.

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

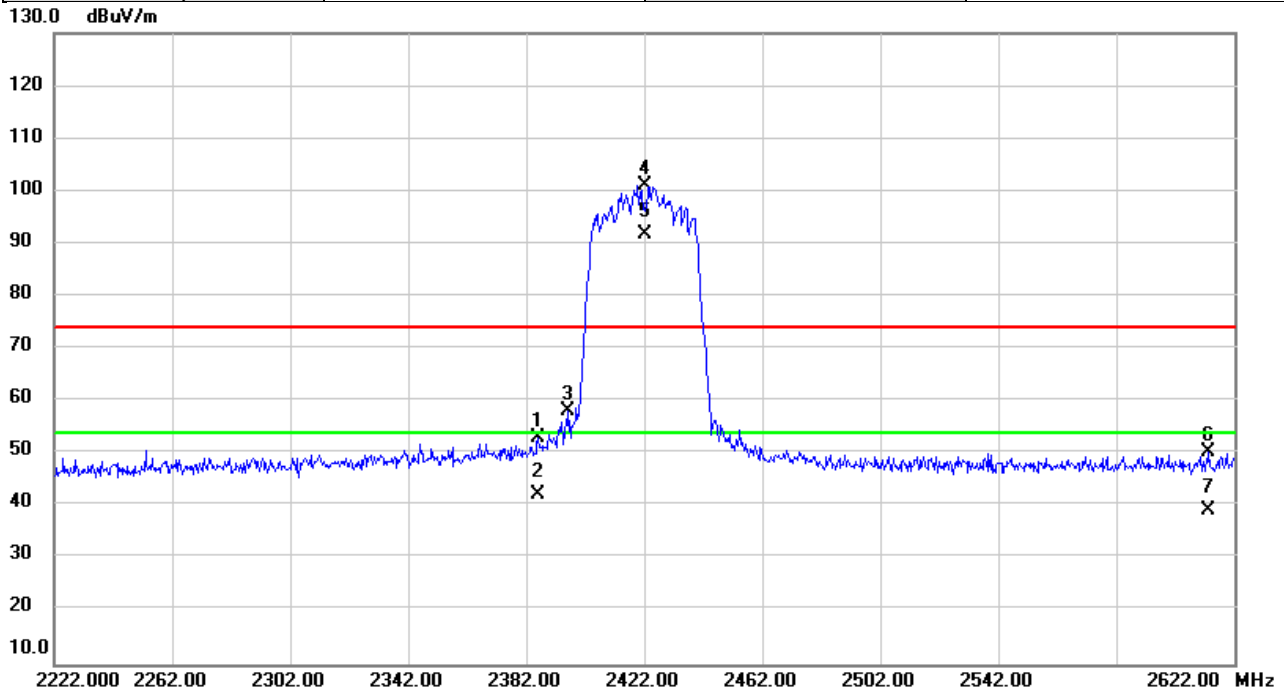


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2382.820	56.11	-5.58	50.53	74.00	-23.47	peak	
2		2382.820	44.27	-5.58	38.69	54.00	-15.31	AVG	
3	X	2462.000	108.61	-5.45	103.16	74.00	29.16	peak	NoLimit
4	*	2462.000	96.93	-5.45	91.48	54.00	37.48	AVG	NoLimit
5		2495.760	57.84	-5.39	52.45	74.00	-21.55	peak	
6		2495.760	46.55	-5.39	41.16	54.00	-12.84	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/7/18
Test Frequency	2422MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%



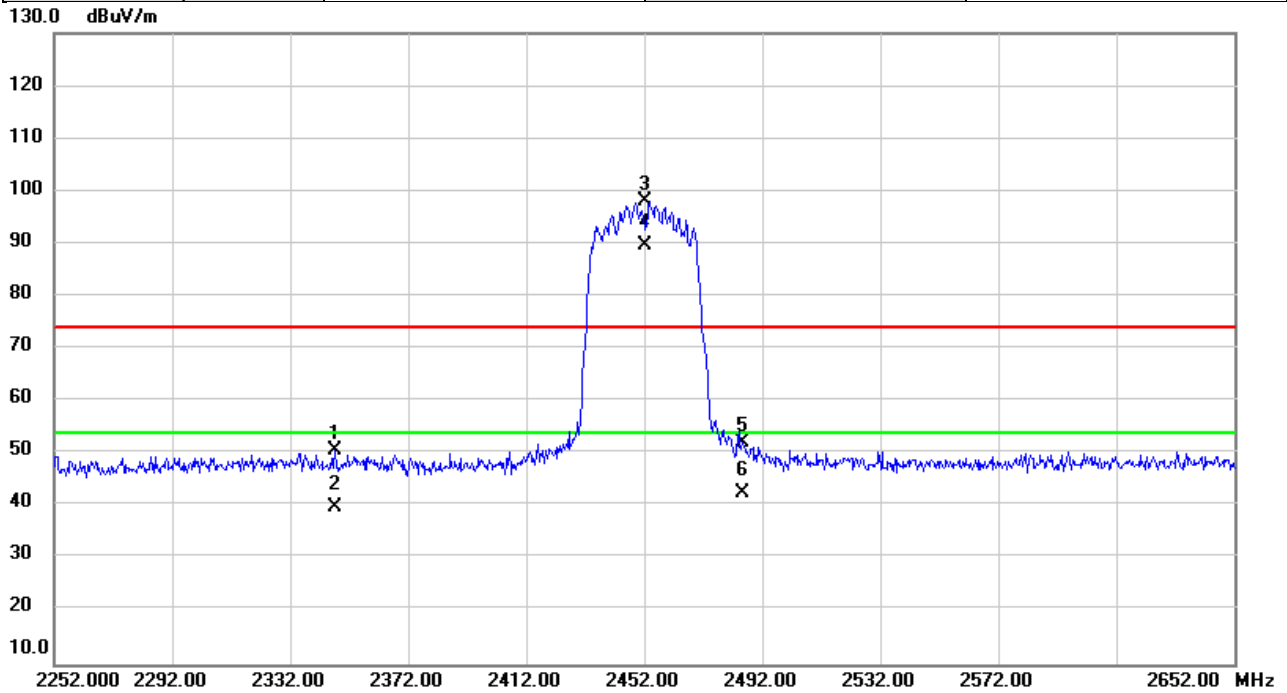
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.080	58.69	-5.58	53.11	74.00	-20.89	peak	
2		2386.080	47.88	-5.58	42.30	54.00	-11.70	AVG	
3		2396.067	63.60	-5.56	58.04	74.00	-15.96	peak	NoLimit
4	X	2422.000	106.57	-5.51	101.06	74.00	27.06	peak	NoLimit
5	*	2422.000	97.35	-5.51	91.84	54.00	37.84	AVG	NoLimit
6		2613.240	55.29	-5.01	50.28	74.00	-23.72	peak	
7		2613.240	44.34	-5.01	39.33	54.00	-14.67	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/7/18
Test Frequency	2452MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

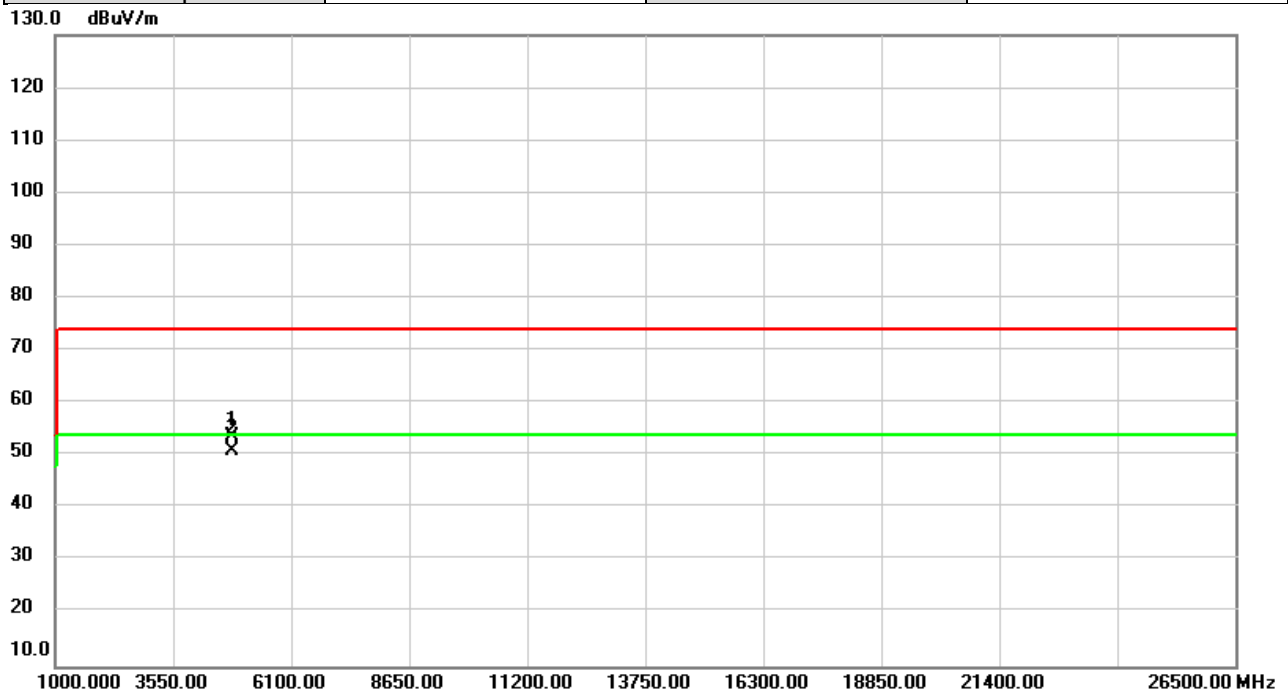


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2347.293	56.37	-5.64	50.73	74.00	-23.27	peak	
2		2347.293	45.43	-5.64	39.79	54.00	-14.21	AVG	
3	X	2452.000	103.66	-5.47	98.19	74.00	24.19	peak	NoLimit
4	*	2452.000	95.08	-5.47	89.61	54.00	35.61	AVG	NoLimit
5		2485.467	57.56	-5.40	52.16	74.00	-21.84	peak	
6		2485.467	47.88	-5.40	42.48	54.00	-11.52	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/7/18
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

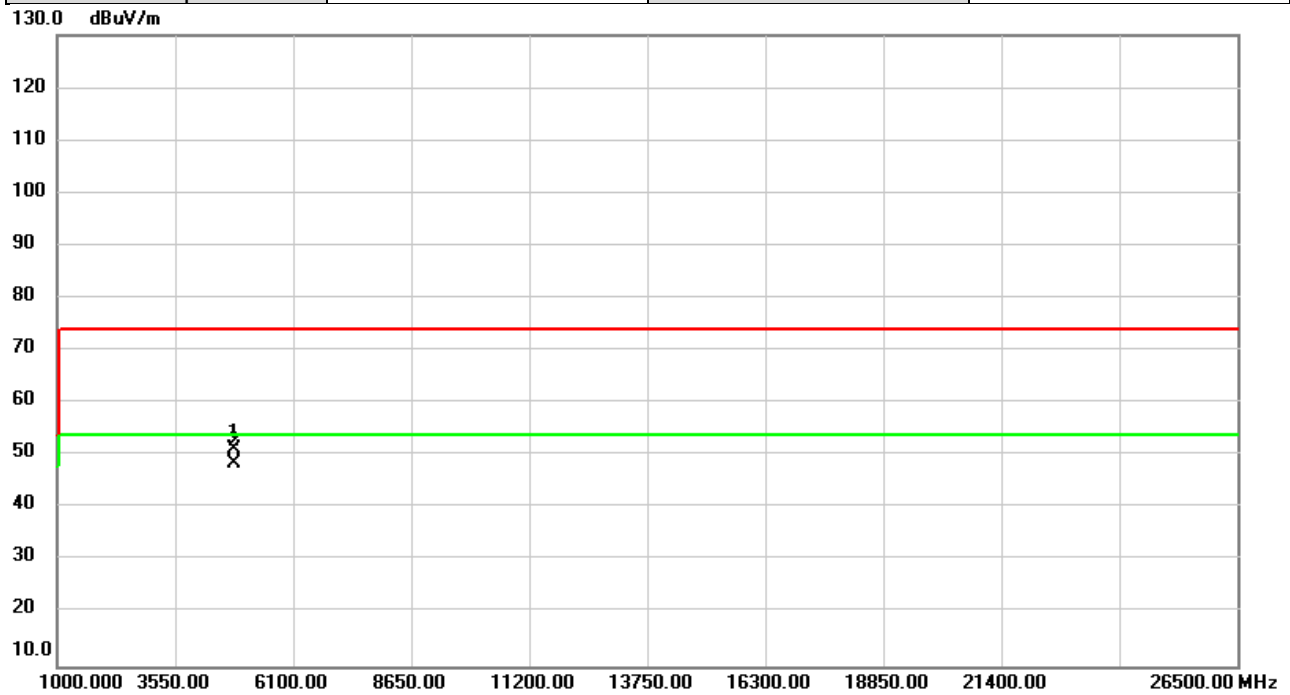


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	52.98	0.57	53.55	74.00	-20.45	peak	
2	*	4824.000	50.47	0.57	51.04	54.00	-2.96	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

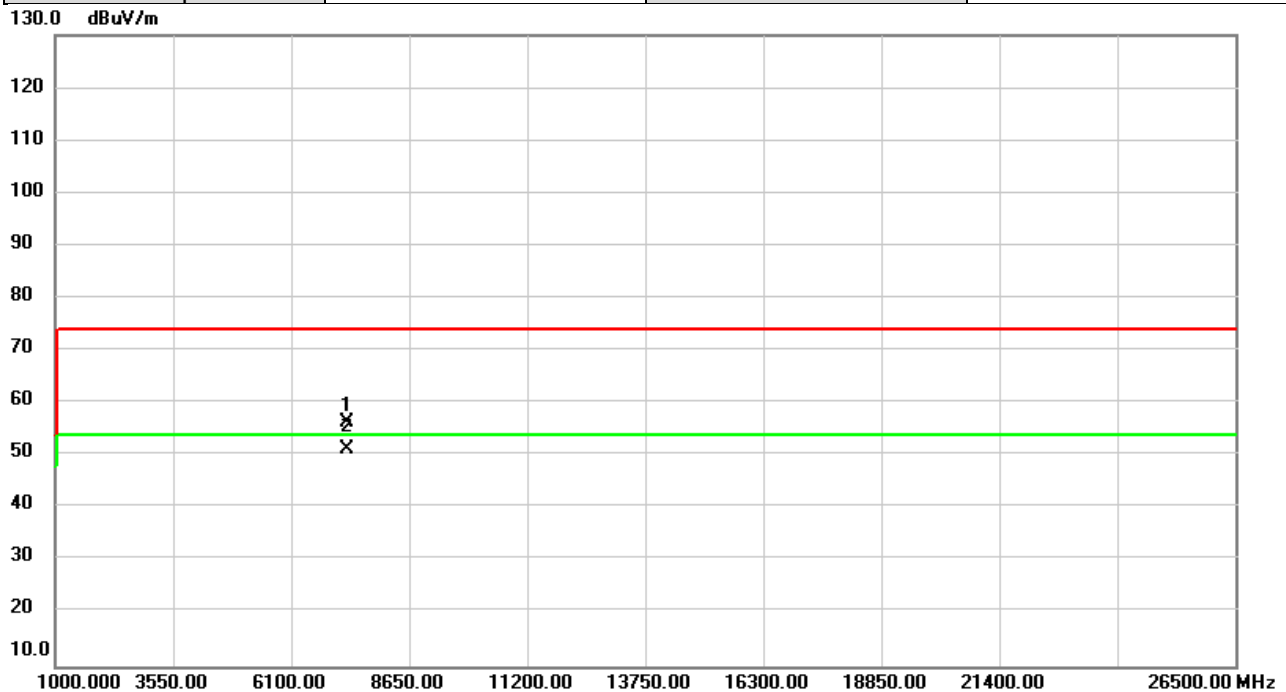


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	50.63	0.57	51.20	74.00	-22.80	peak	
2	*	4824.000	47.92	0.57	48.49	54.00	-5.51	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/7/18
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

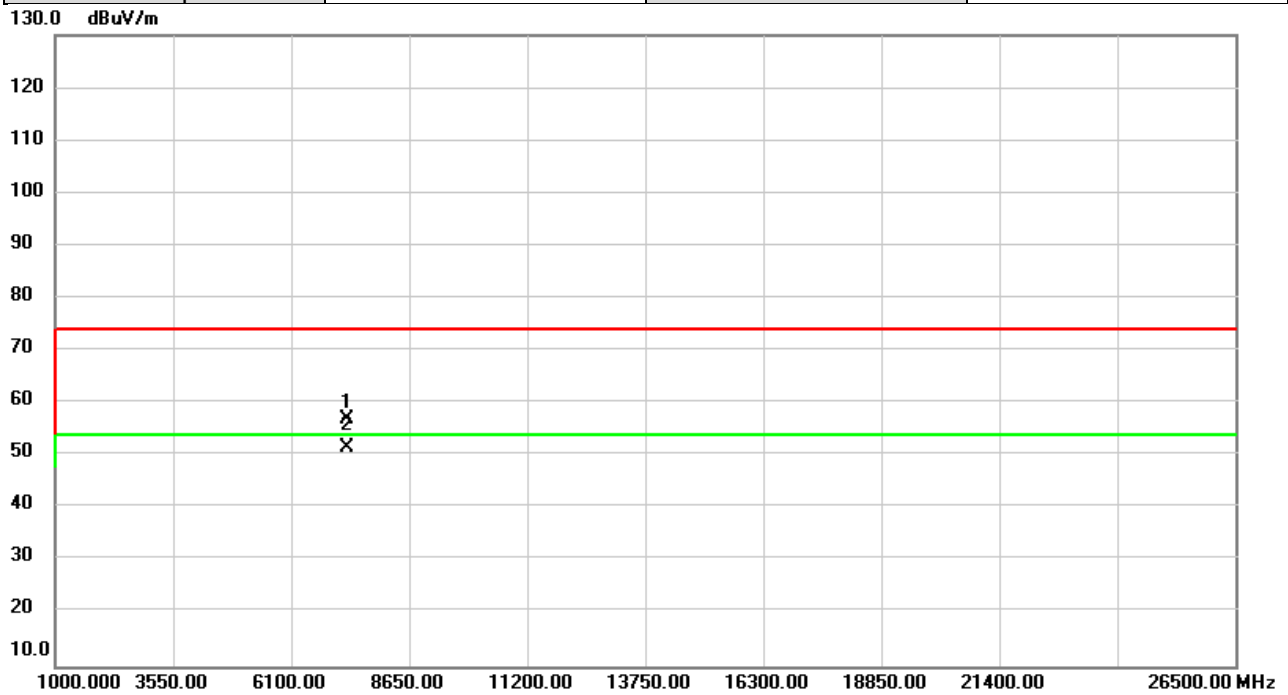


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7311.000	50.57	5.91	56.48	74.00	-17.52	peak	
2	*	7311.000	45.31	5.91	51.22	54.00	-2.78	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/7/18
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

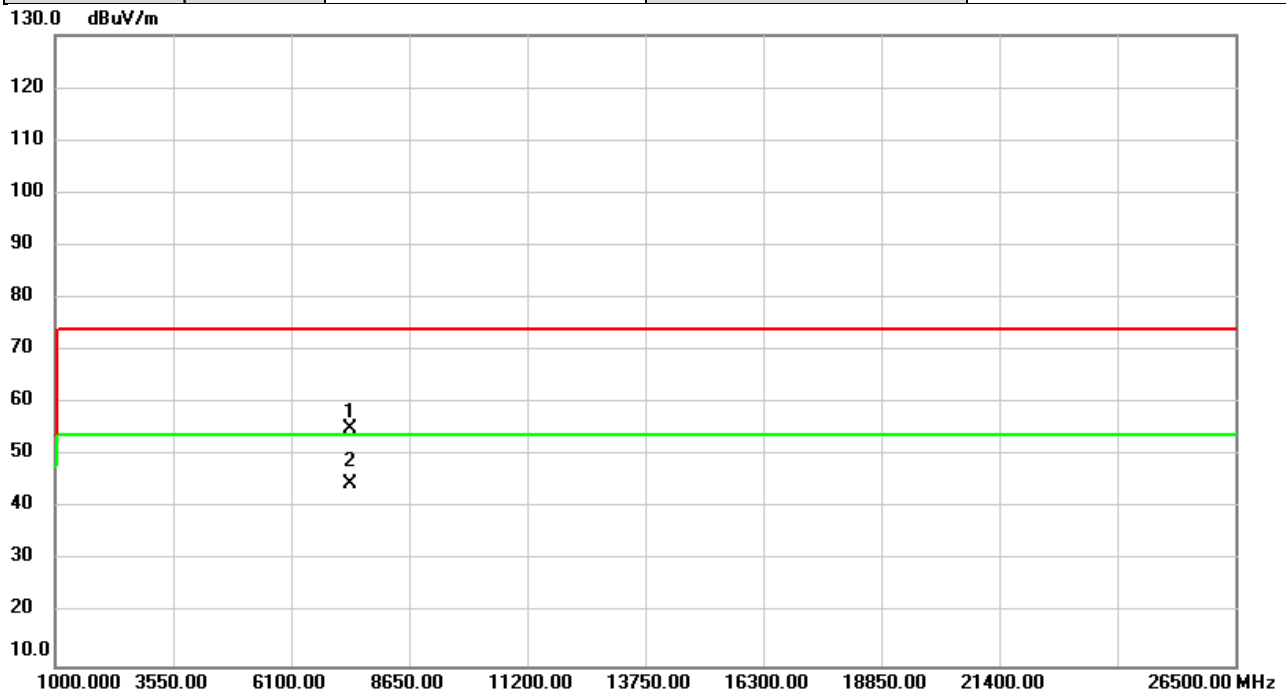


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7311.000	51.01	5.91	56.92	74.00	-17.08	peak	
2	*	7311.000	45.55	5.91	51.46	54.00	-2.54	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

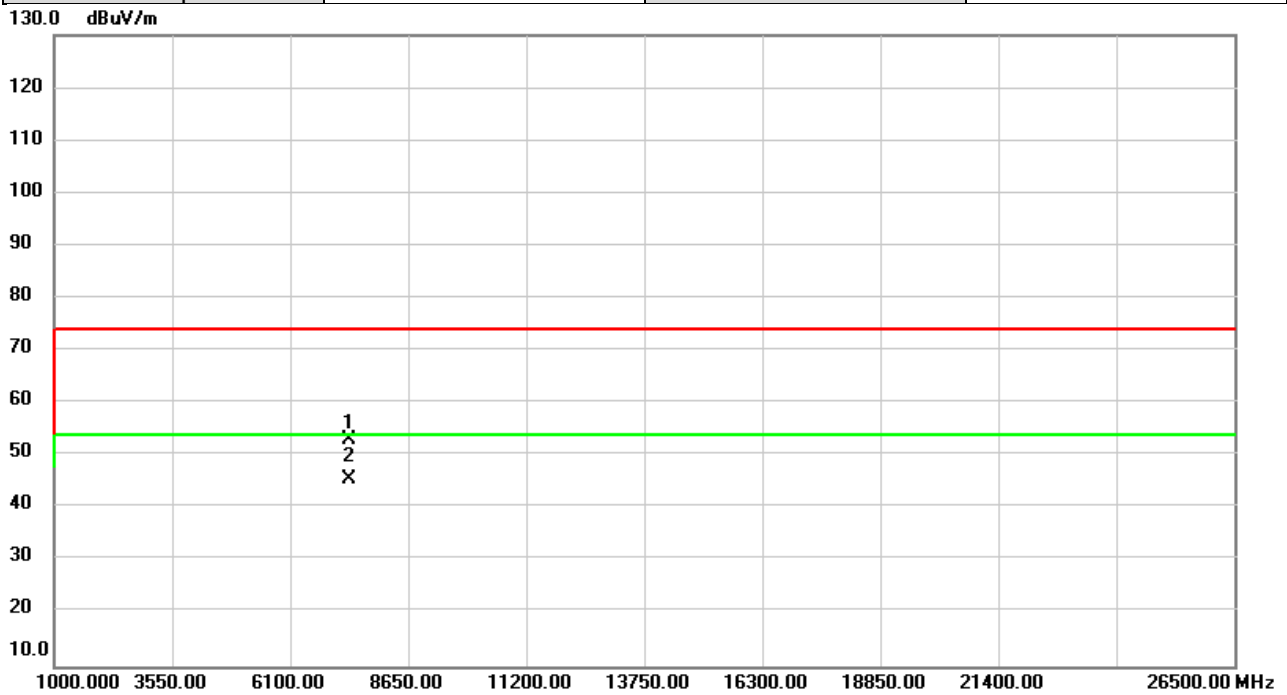


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7386.000	49.38	5.90	55.28	74.00	-18.72	peak	
2	*	7386.000	38.67	5.90	44.57	54.00	-9.43	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

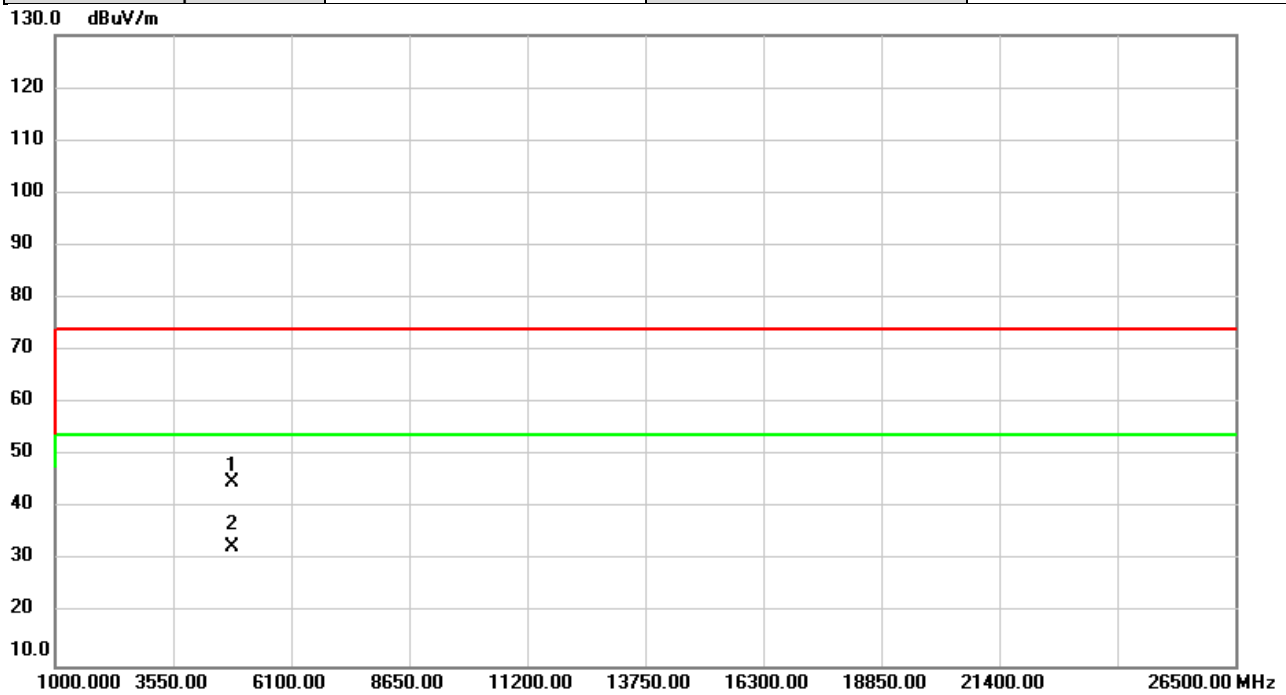


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7386.000	47.22	5.90	53.12	74.00	-20.88	peak	
2	*	7386.000	39.61	5.90	45.51	54.00	-8.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/7/18
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

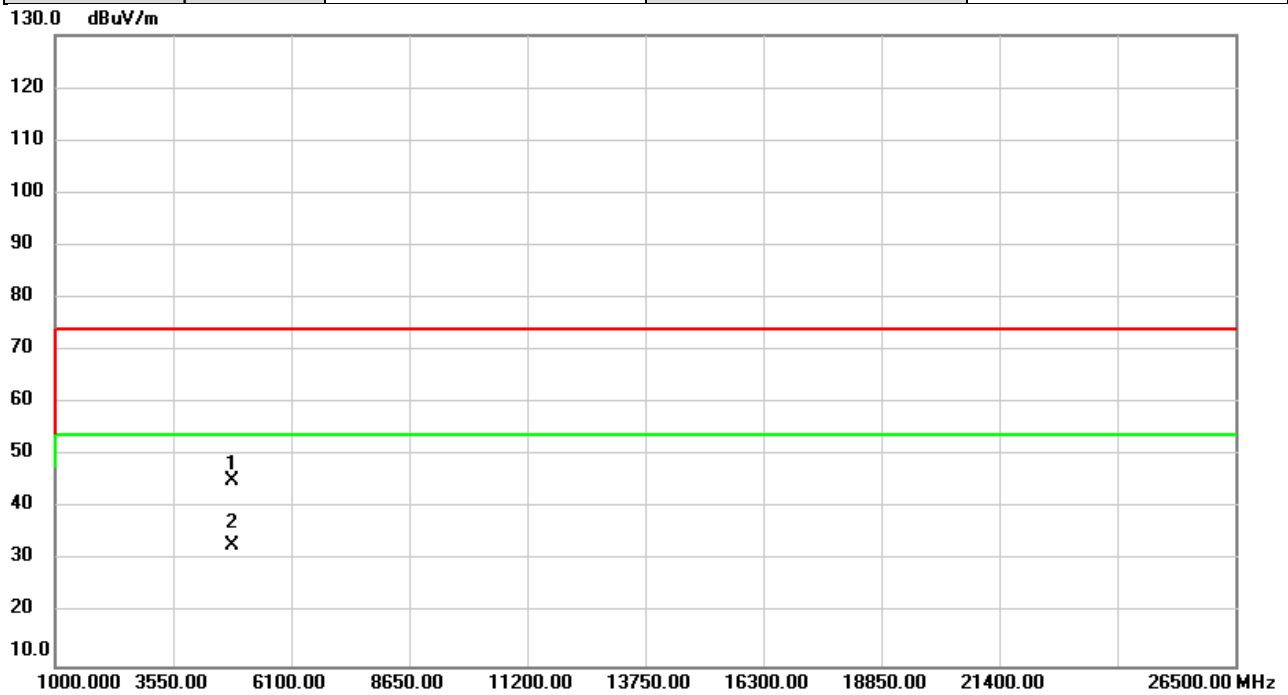


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.30	0.57	44.87	74.00	-29.13	peak	
2	*	4824.000	32.23	0.57	32.80	54.00	-21.20	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

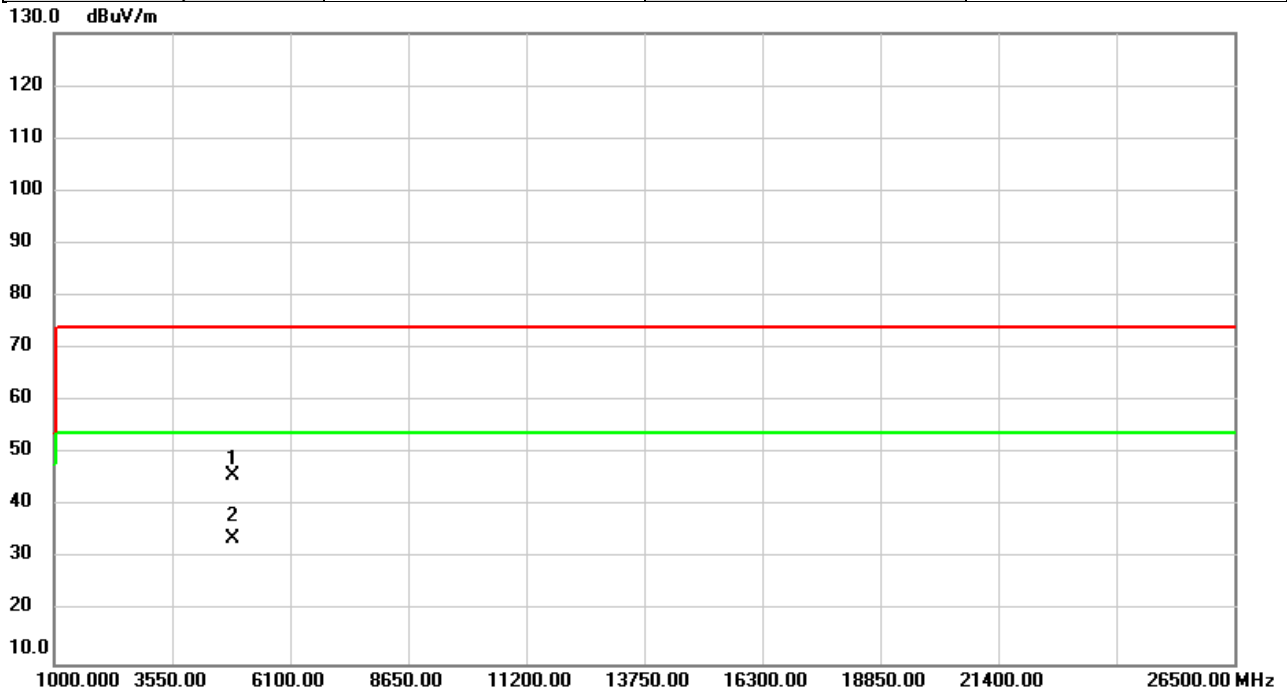


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	44.73	0.57	45.30	74.00	-28.70	peak	
2	*	4824.000	32.37	0.57	32.94	54.00	-21.06	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/7/18
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

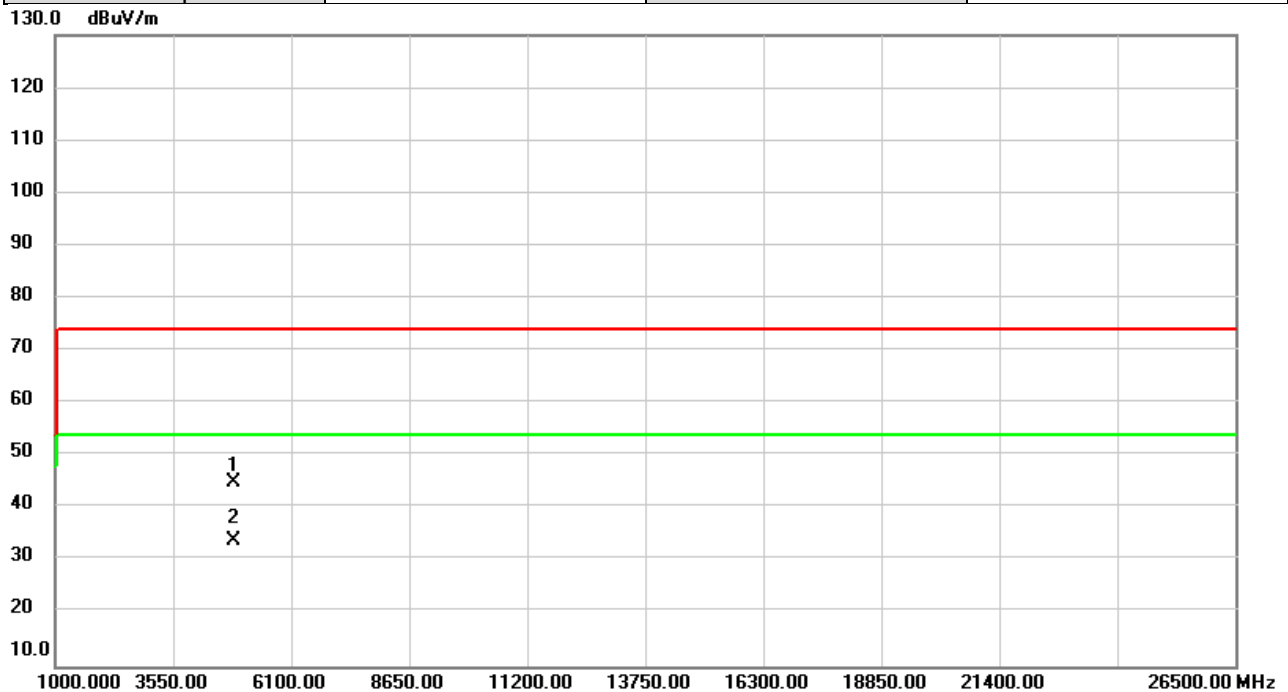


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	45.15	0.73	45.88	74.00	-28.12	peak	
2	*	4874.000	33.06	0.73	33.79	54.00	-20.21	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/7/18
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

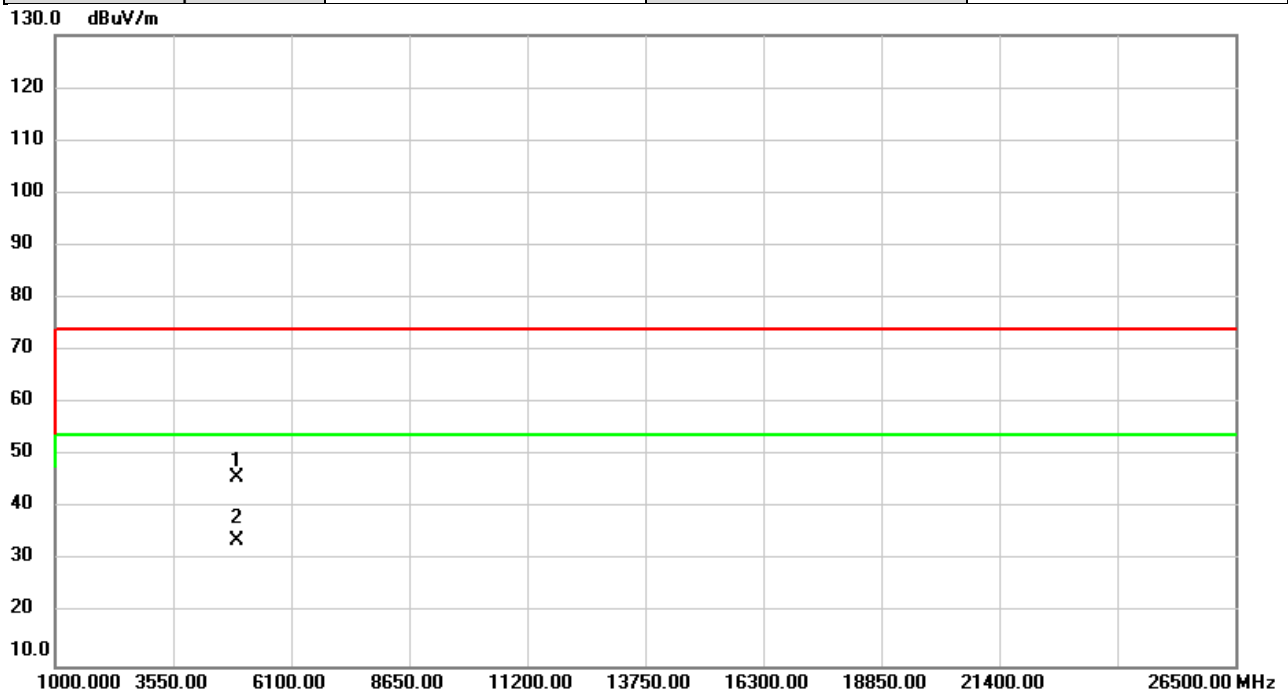


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	44.26	0.73	44.99	74.00	-29.01	peak	
2	*	4874.000	33.08	0.73	33.81	54.00	-20.19	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

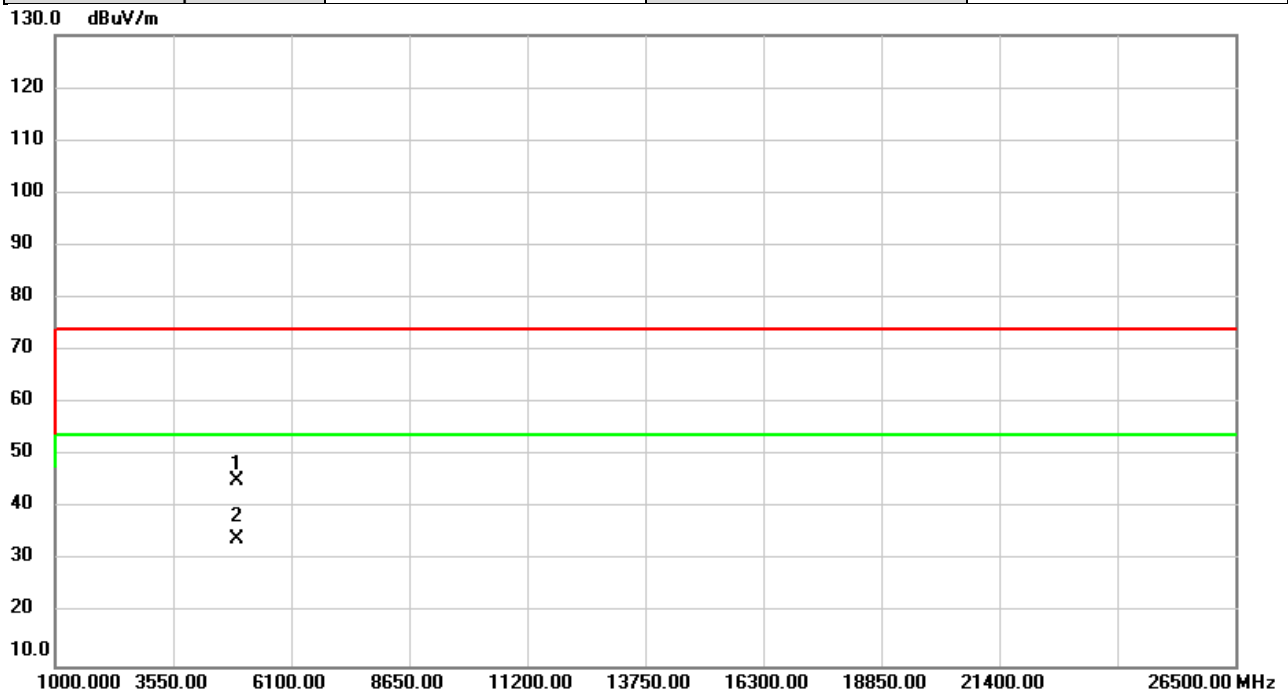


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.10	0.87	45.97	74.00	-28.03	peak	
2	*	4924.000	33.10	0.87	33.97	54.00	-20.03	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

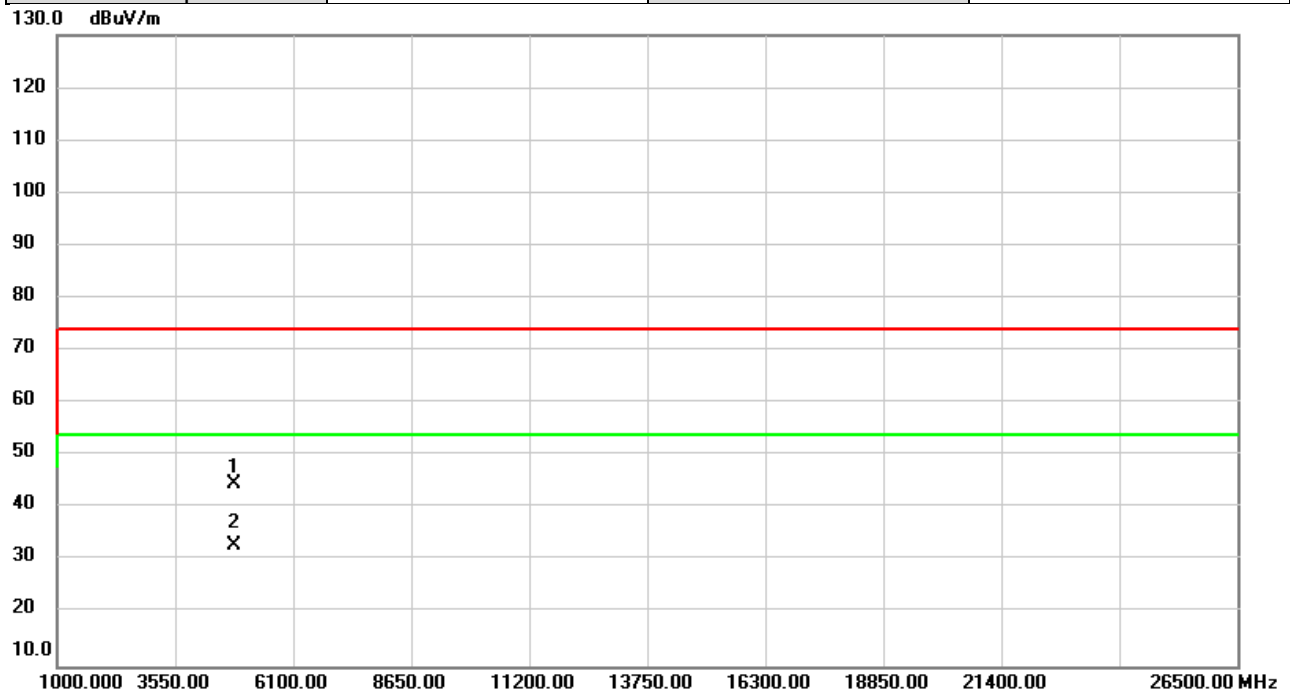


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	44.30	0.87	45.17	74.00	-28.83	peak	
2	*	4924.000	33.15	0.87	34.02	54.00	-19.98	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/7/18
Test Frequency	2412MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

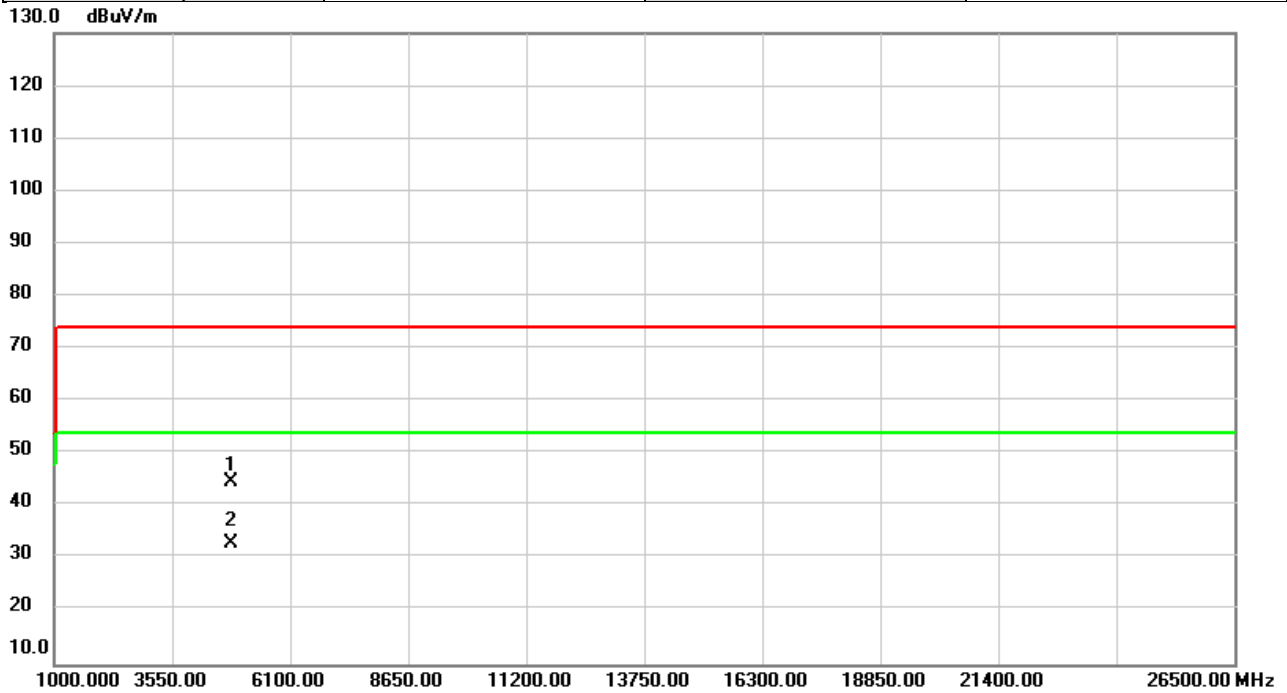


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.21	0.57	44.78	74.00	-29.22	peak	
2	*	4824.000	32.45	0.57	33.02	54.00	-20.98	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/7/18
Test Frequency	2412MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

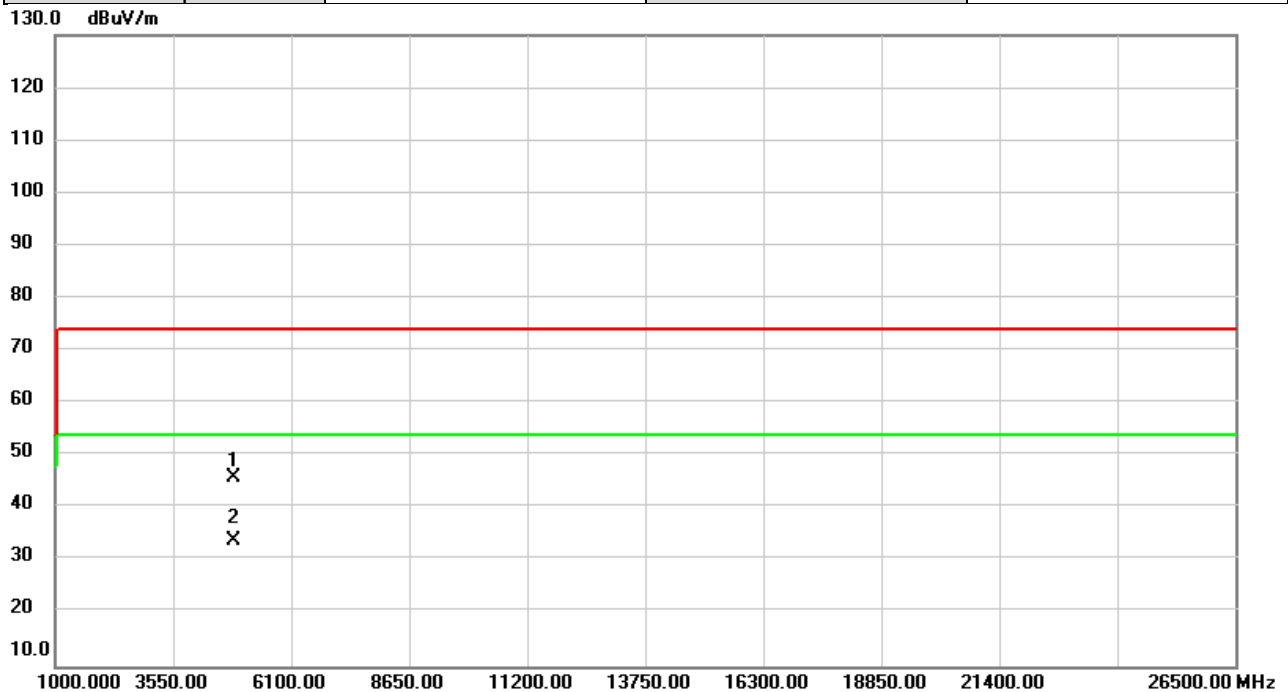


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	43.98	0.57	44.55	74.00	-29.45	peak	
2	*	4824.000	32.38	0.57	32.95	54.00	-21.05	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/7/18
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

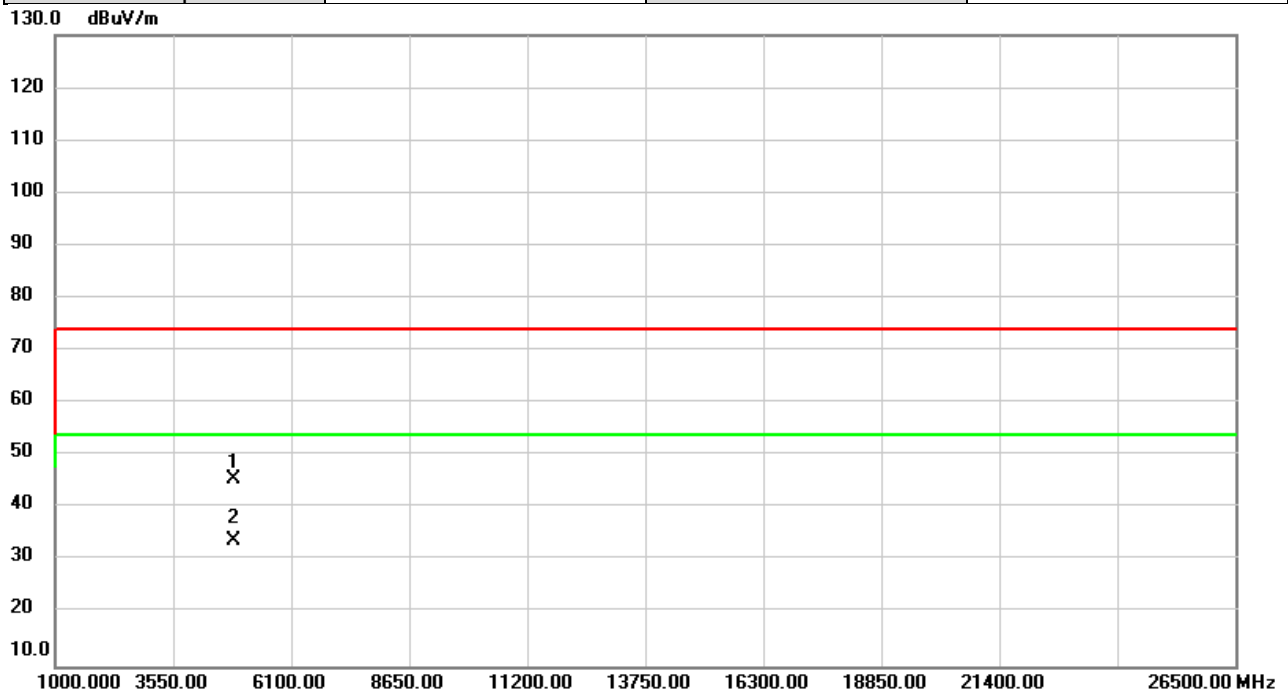


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	45.02	0.73	45.75	74.00	-28.25	peak	
2	*	4874.000	33.20	0.73	33.93	54.00	-20.07	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/7/18
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

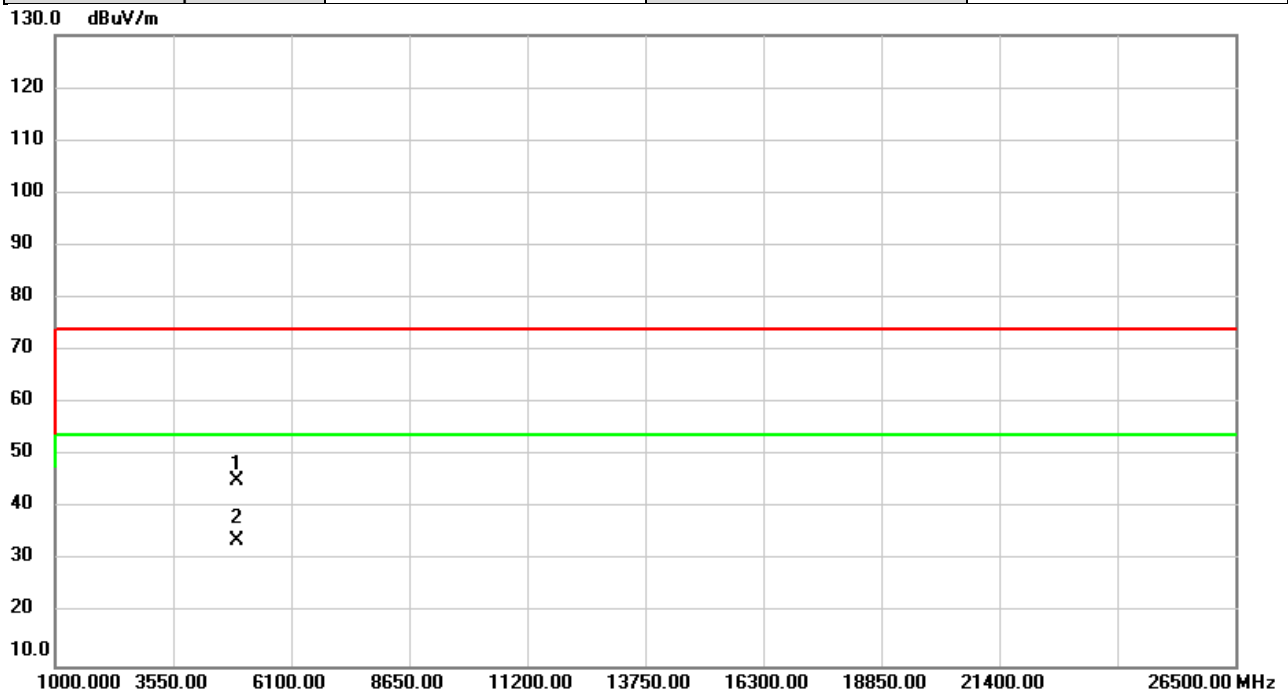


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	44.76	0.73	45.49	74.00	-28.51	peak	
2	*	4874.000	33.24	0.73	33.97	54.00	-20.03	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

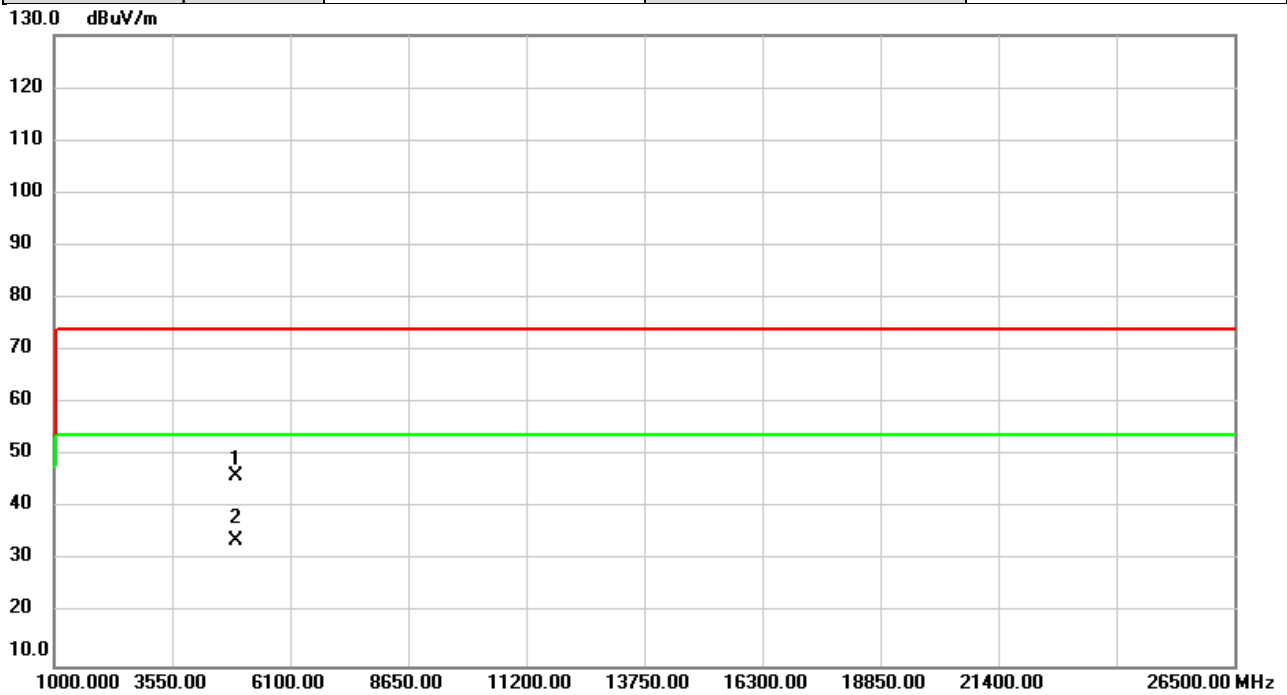


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.39	0.87	45.26	74.00	-28.74	peak	
2	*	4924.000	33.09	0.87	33.96	54.00	-20.04	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2023/7/18
Test Frequency	2462MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

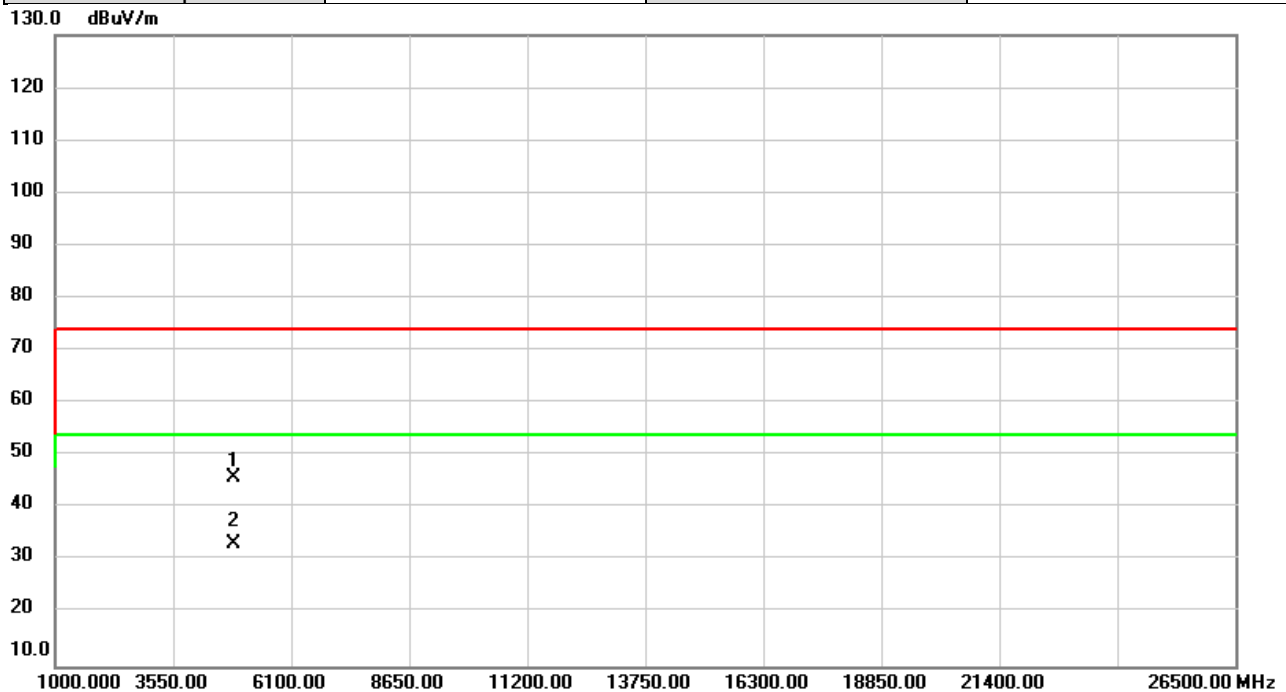


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	45.27	0.87	46.14	74.00	-27.86	peak	
2	*	4924.000	32.95	0.87	33.82	54.00	-20.18	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/7/18
Test Frequency	2422MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

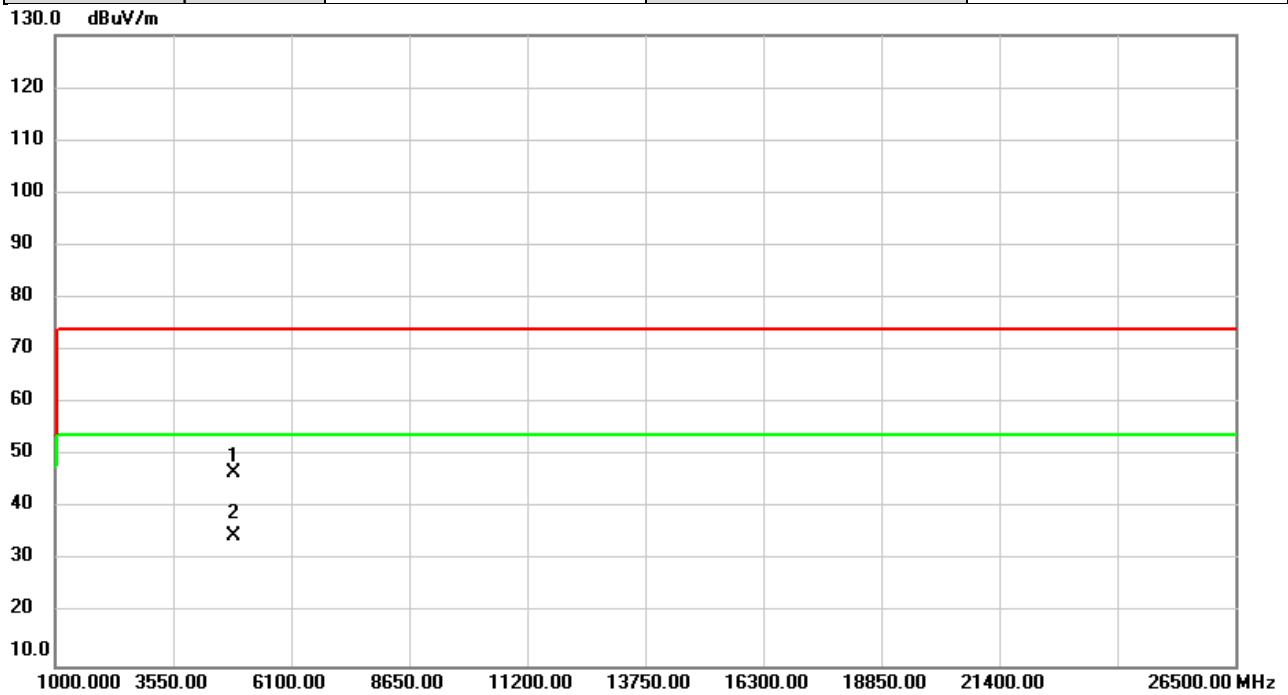


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	45.12	0.62	45.74	74.00	-28.26	peak	
2	*	4844.000	32.70	0.62	33.32	54.00	-20.68	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/7/18
Test Frequency	2422MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

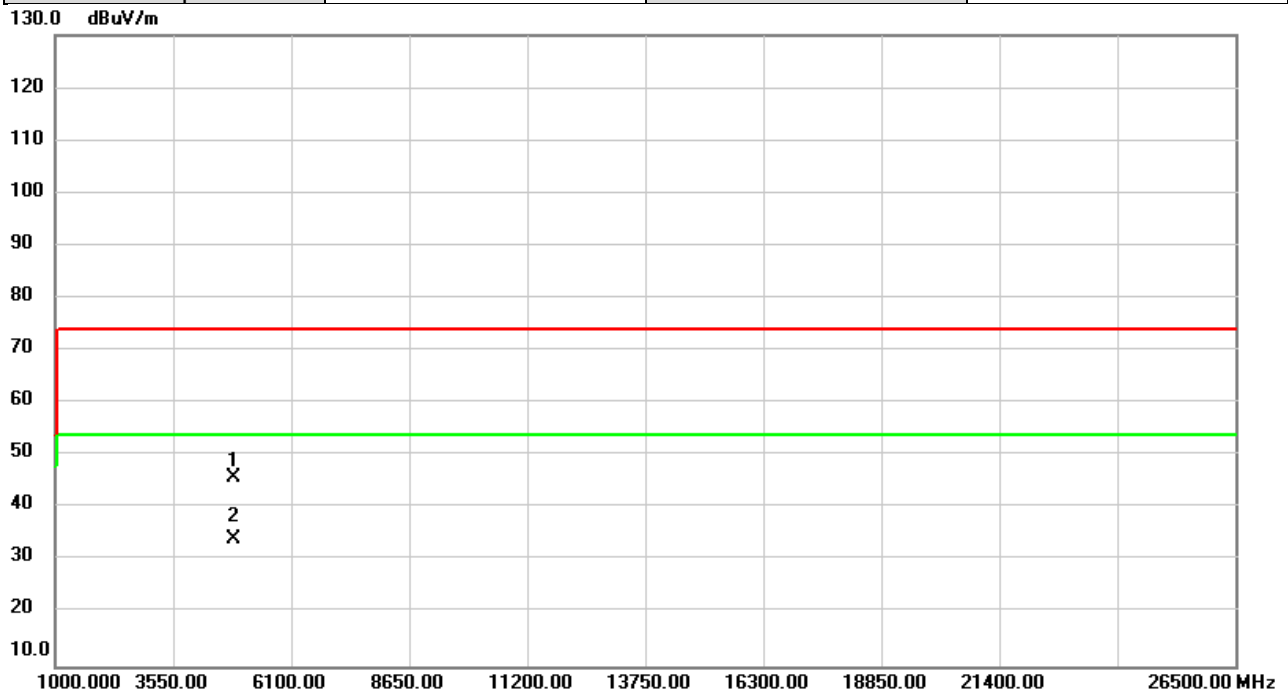


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	46.01	0.62	46.63	74.00	-27.37	peak	
2	*	4844.000	34.21	0.62	34.83	54.00	-19.17	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/7/18
Test Frequency	2437MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

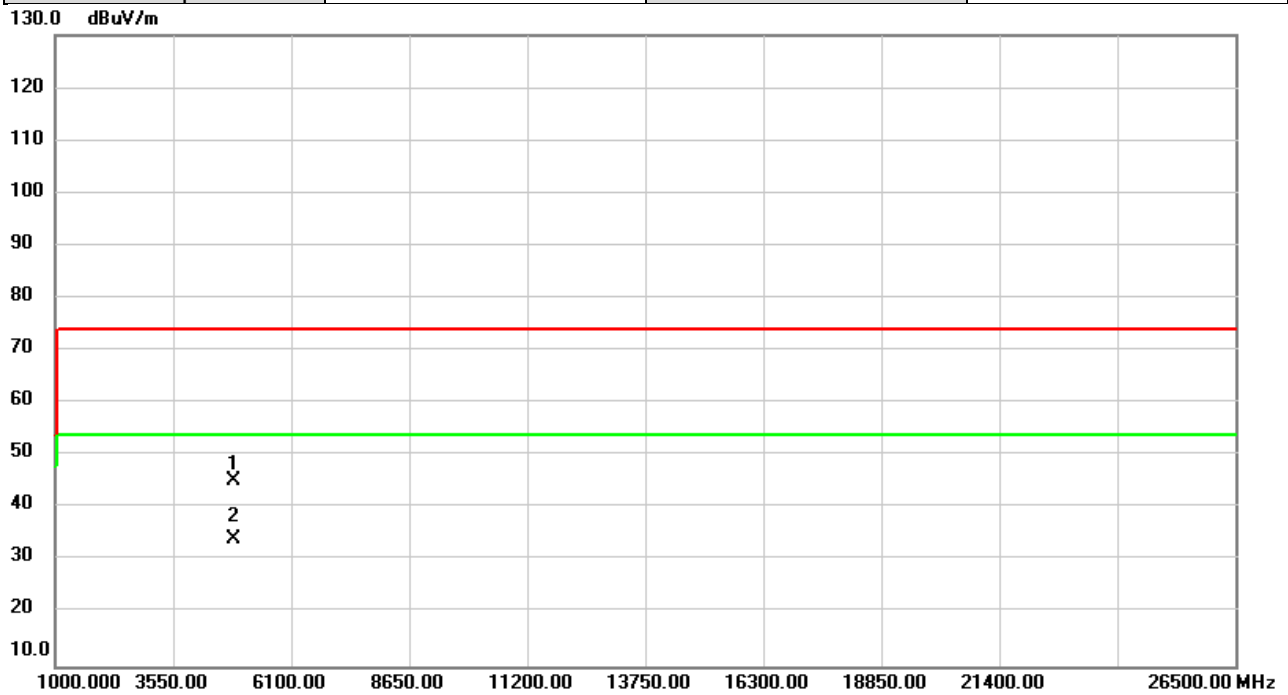


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	45.25	0.73	45.98	74.00	-28.02	peak	
2	*	4874.000	33.30	0.73	34.03	54.00	-19.97	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/7/18
Test Frequency	2437MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%

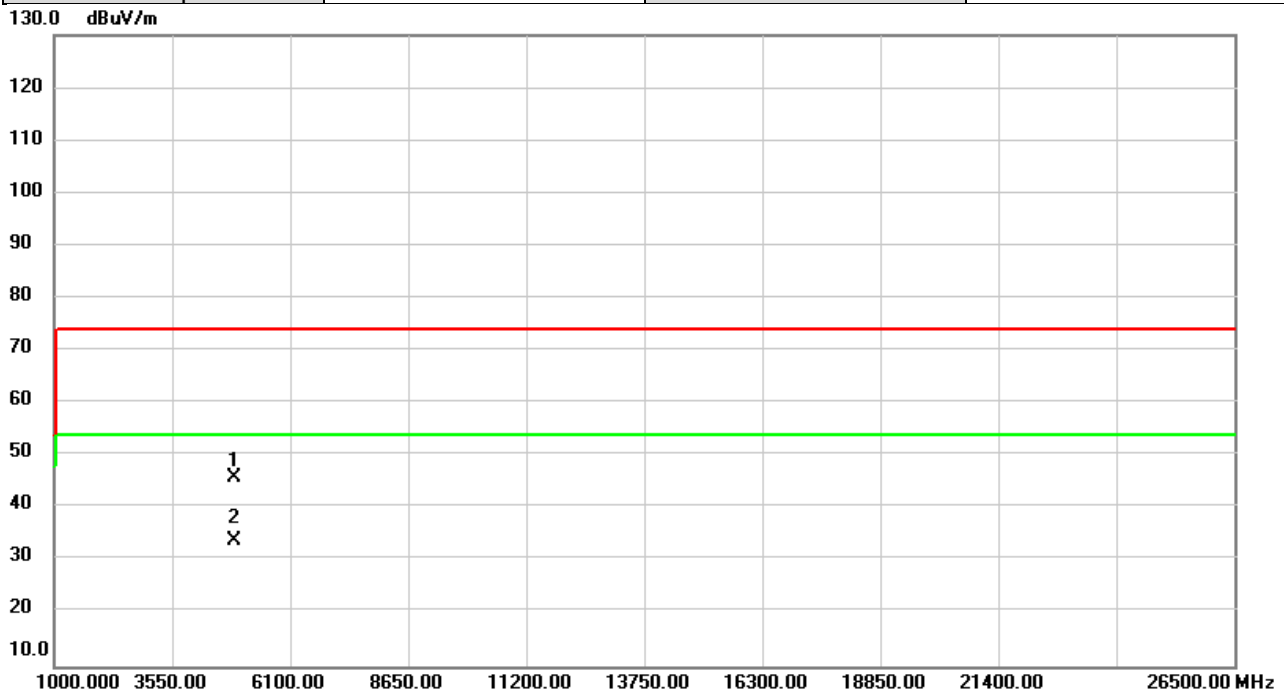


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	44.47	0.73	45.20	74.00	-28.80	peak	
2	*	4874.000	33.39	0.73	34.12	54.00	-19.88	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/7/18
Test Frequency	2452MHz	Polarization	Vertical
Temp	26°C	Hum.	54%

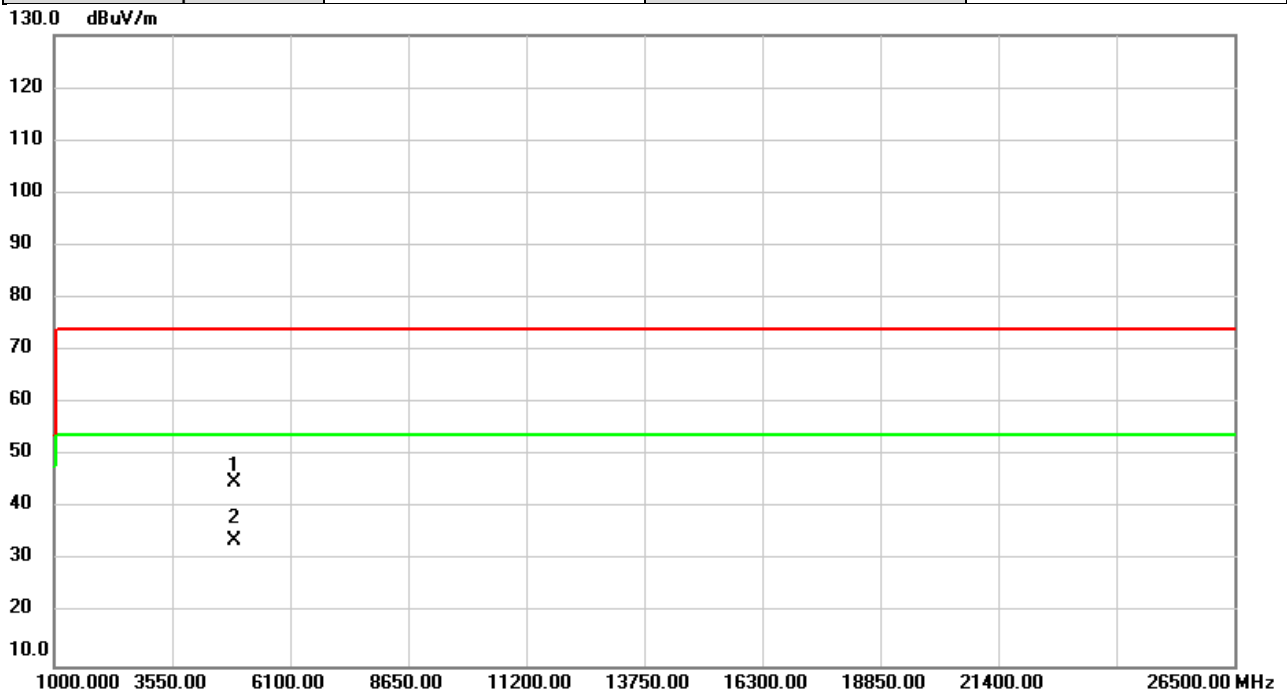


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	45.01	0.81	45.82	74.00	-28.18	peak	
2	*	4904.000	33.09	0.81	33.90	54.00	-20.10	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2023/7/18
Test Frequency	2452MHz	Polarization	Horizontal
Temp	26°C	Hum.	54%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	44.02	0.81	44.83	74.00	-29.17	peak	
2	*	4904.000	33.06	0.81	33.87	54.00	-20.13	AVG	

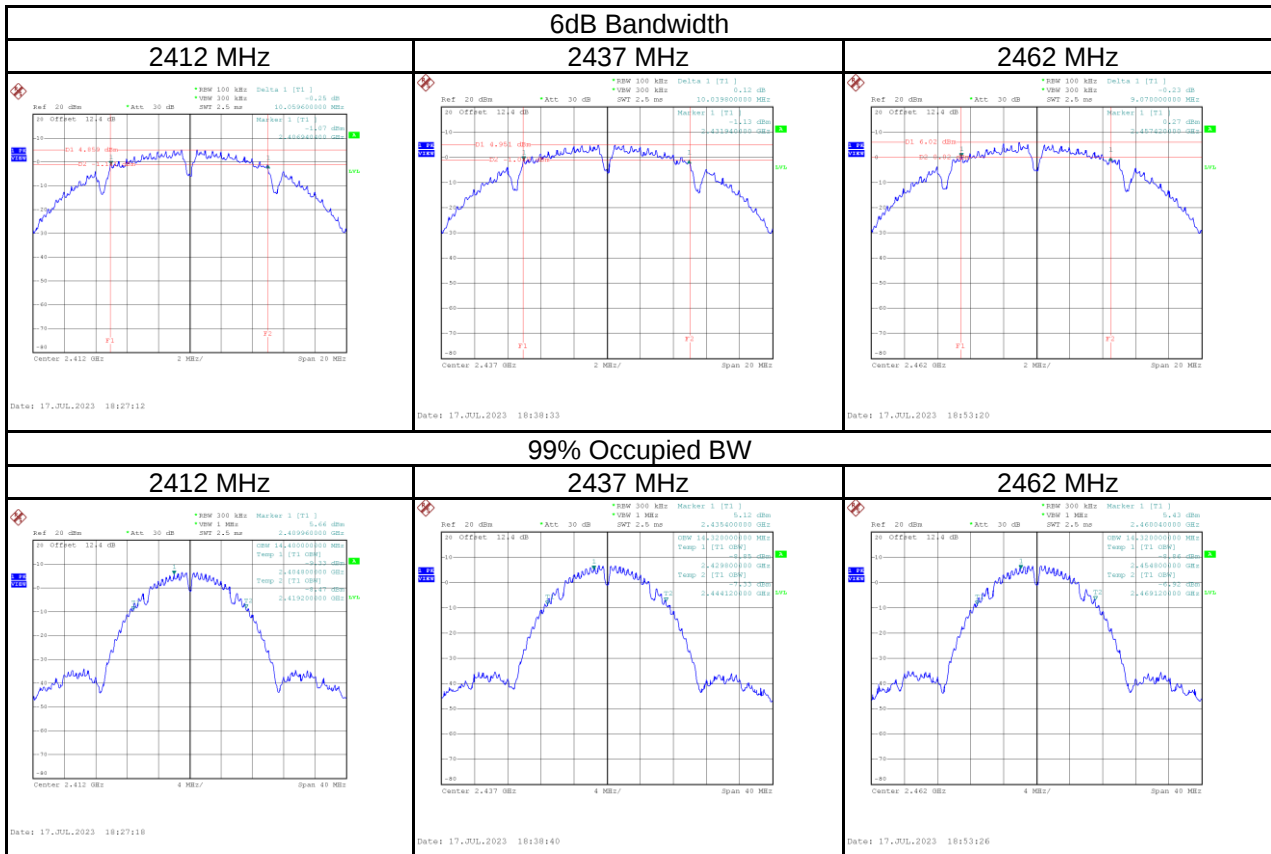
REMARKS:

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

APPENDIX D BANDWIDTH

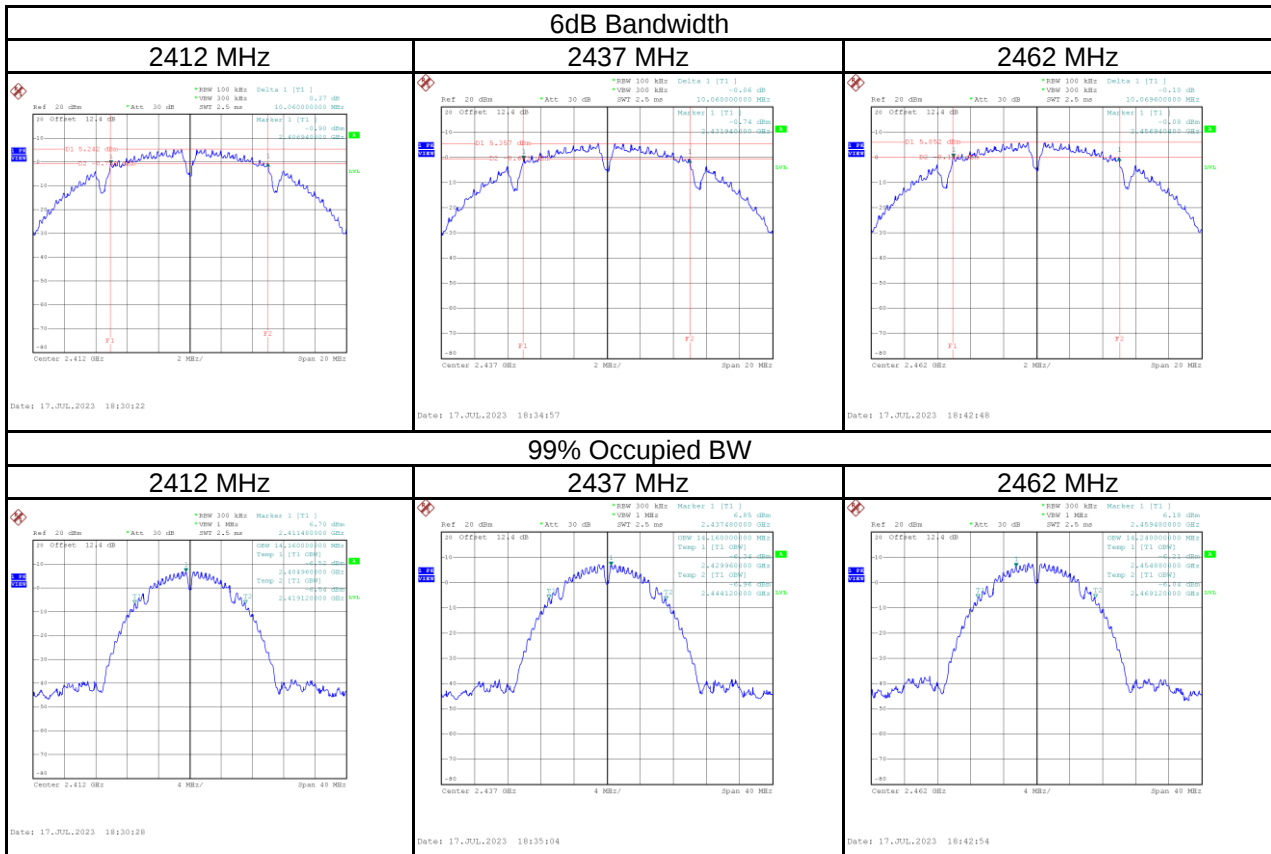
Test Mode	IEEE 802.11b_Ant 1
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.06	14.40	≥ 500	Pass
2437	10.04	14.32	≥ 500	Pass
2462	9.07	14.32	≥ 500	Pass



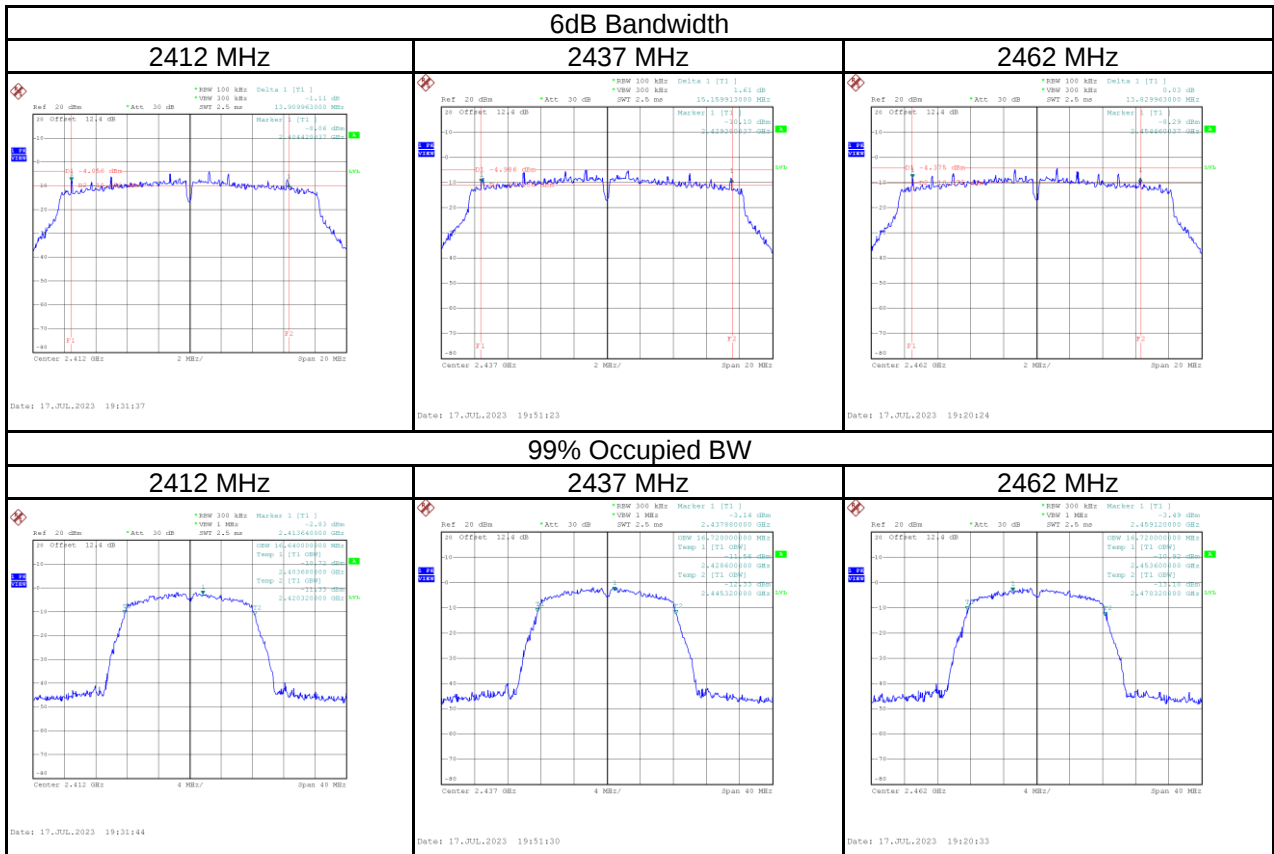
Test Mode	IEEE 802.11b_Ant 2
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	10.06	14.16	≥ 500	Pass
2437	10.06	14.16	≥ 500	Pass
2462	10.07	14.24	≥ 500	Pass



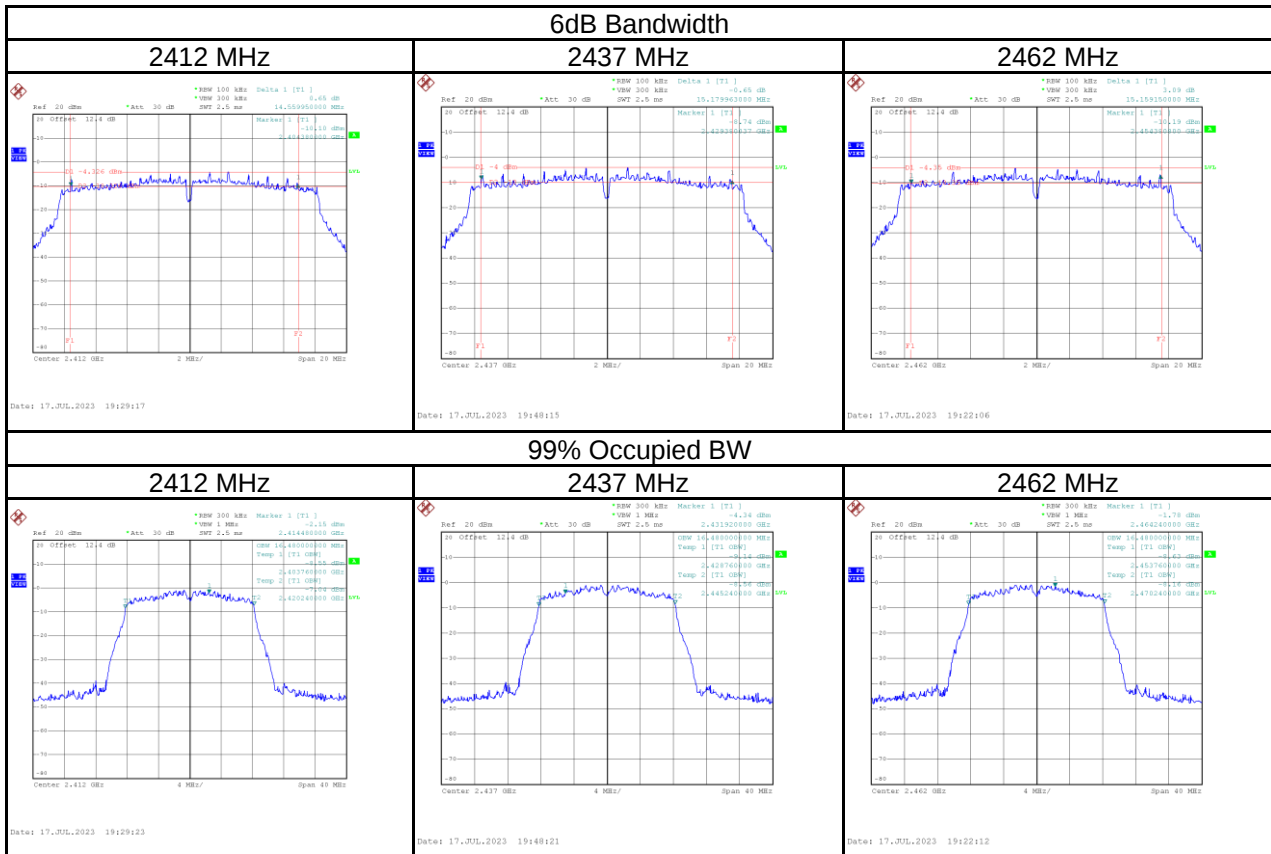
Test Mode	IEEE 802.11g_Ant 1
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	13.91	16.64	≥ 500	Pass
2437	15.16	16.72	≥ 500	Pass
2462	13.83	16.72	≥ 500	Pass



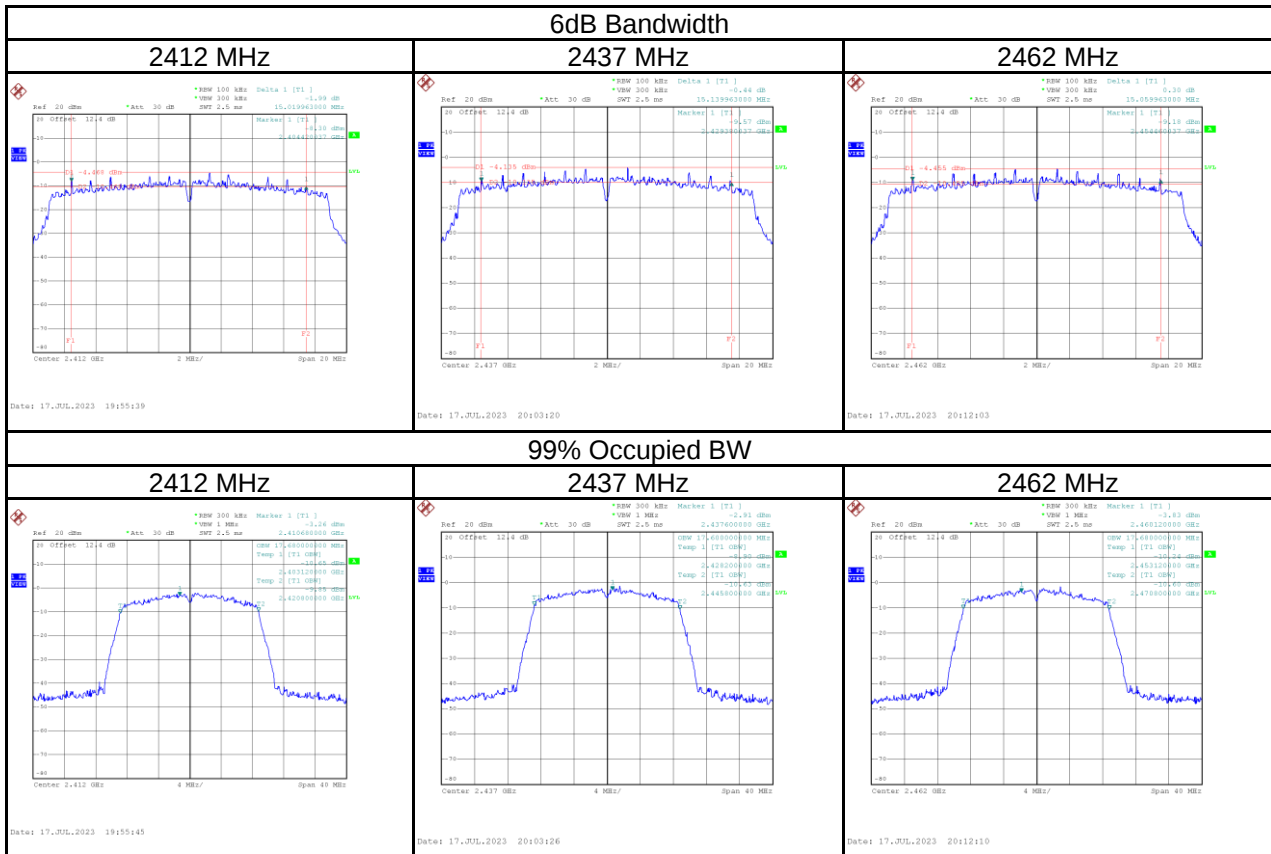
Test Mode	IEEE 802.11g_Ant 2
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	14.56	16.48	≥ 500	Pass
2437	15.18	16.48	≥ 500	Pass
2462	15.16	16.48	≥ 500	Pass



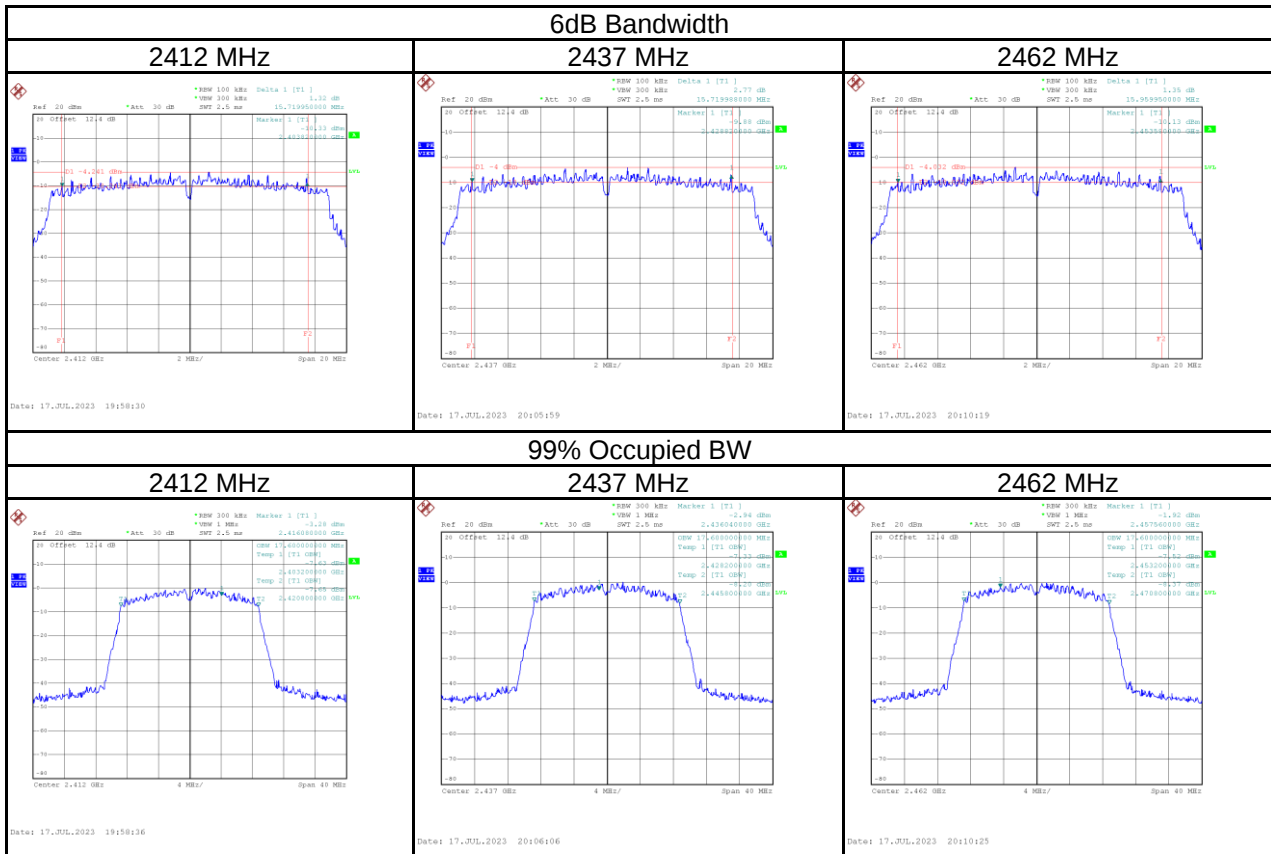
Test Mode	IEEE 802.11n (HT20)_ Ant 1
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.02	17.68	≥ 500	Pass
2437	15.14	17.60	≥ 500	Pass
2462	15.06	17.68	≥ 500	Pass



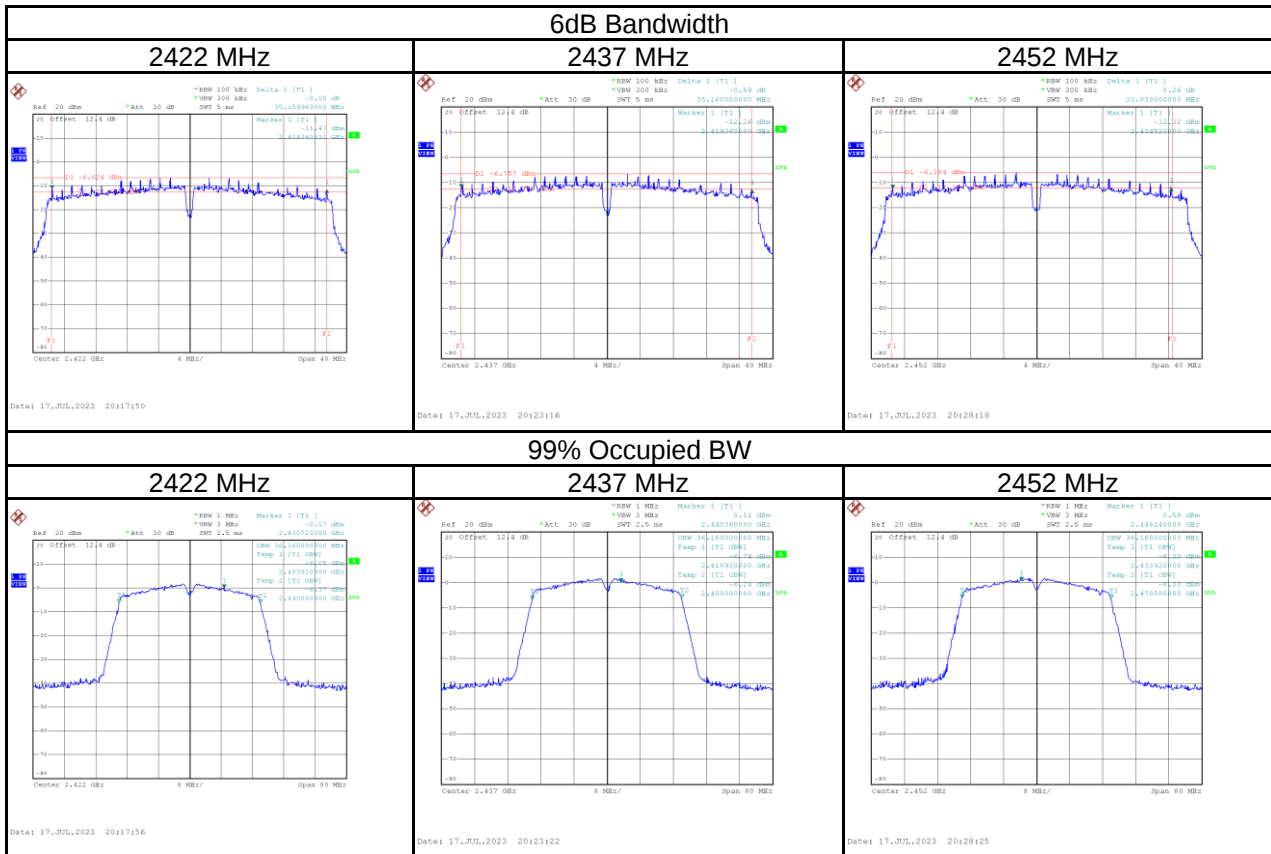
Test Mode	IEEE 802.11n (HT20)_ Ant 2
-----------	----------------------------

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.72	17.60	≥ 500	Pass
2437	15.72	17.60	≥ 500	Pass
2462	15.96	17.60	≥ 500	Pass



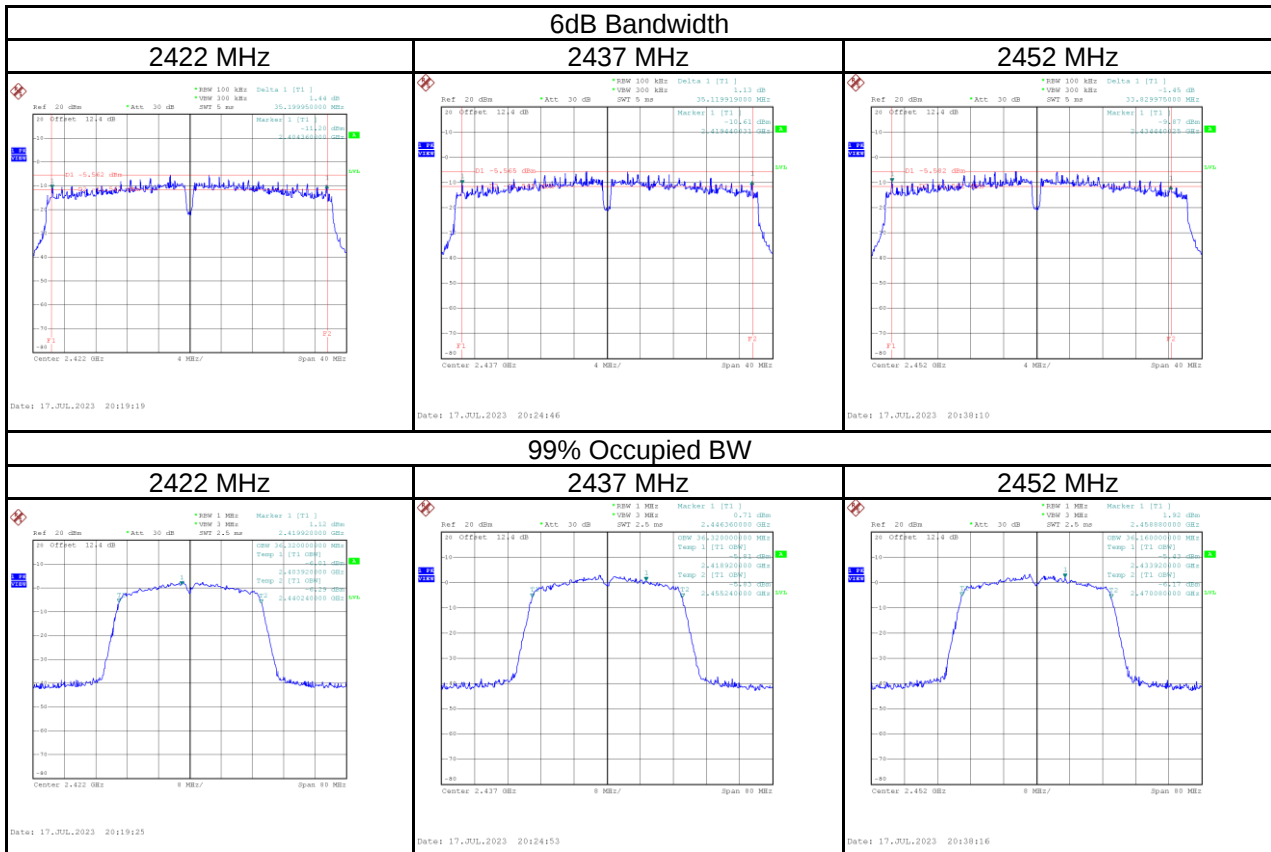
Test Mode	IEEE 802.11n (HT40)_ Ant 1
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	35.16	36.16	≥ 500	Pass
2437	35.16	36.16	≥ 500	Pass
2452	33.83	36.16	≥ 500	Pass



Test Mode	IEEE 802.11n (HT40)_ Ant 2
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	35.20	36.32	≥ 500	Pass
2437	35.12	36.32	≥ 500	Pass
2452	33.83	36.16	≥ 500	Pass



APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_ Ant 1	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	16.53	0.0450	30.00	1.0000	Pass
2437	16.51	0.0448	30.00	1.0000	Pass
2462	16.53	0.0450	30.00	1.0000	Pass

Test Mode	IEEE 802.11b_ Ant 2	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	16.95	0.0495	30.00	1.0000	Pass
2437	17.05	0.0507	30.00	1.0000	Pass
2462	17.39	0.0548	30.00	1.0000	Pass

Test Mode	IEEE 802.11b_Total	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.76	0.0945	30.00	1.0000	Pass
2437	19.80	0.0955	30.00	1.0000	Pass
2462	19.99	0.0998	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_ Ant 1	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	15.77	0.0378	30.00	1.0000	Pass
2437	15.63	0.0366	30.00	1.0000	Pass
2462	15.28	0.0337	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_ Ant 2	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	15.97	0.0395	30.00	1.0000	Pass
2437	16.13	0.0410	30.00	1.0000	Pass
2462	16.14	0.0411	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_ Total	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.88	0.0773	30.00	1.0000	Pass
2437	18.90	0.0776	30.00	1.0000	Pass
2462	18.74	0.0748	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)_ Ant 1	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	15.81	0.0381	30.00	1.0000	Pass
2437	15.55	0.0359	30.00	1.0000	Pass
2462	15.48	0.0353	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)_ Ant 2	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	15.75	0.0376	30.00	1.0000	Pass
2437	15.73	0.0374	30.00	1.0000	Pass
2462	16.24	0.0421	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)_ Total	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.79	0.0757	30.00	1.0000	Pass
2437	18.65	0.0733	30.00	1.0000	Pass
2462	18.89	0.0774	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)_ Ant 1	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	15.33	0.0341	30.00	1.0000	Pass
2437	15.37	0.0344	30.00	1.0000	Pass
2452	15.62	0.0365	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)_ Ant 2	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	15.86	0.0385	30.00	1.0000	Pass
2437	15.71	0.0372	30.00	1.0000	Pass
2452	15.89	0.0388	30.00	1.0000	Pass

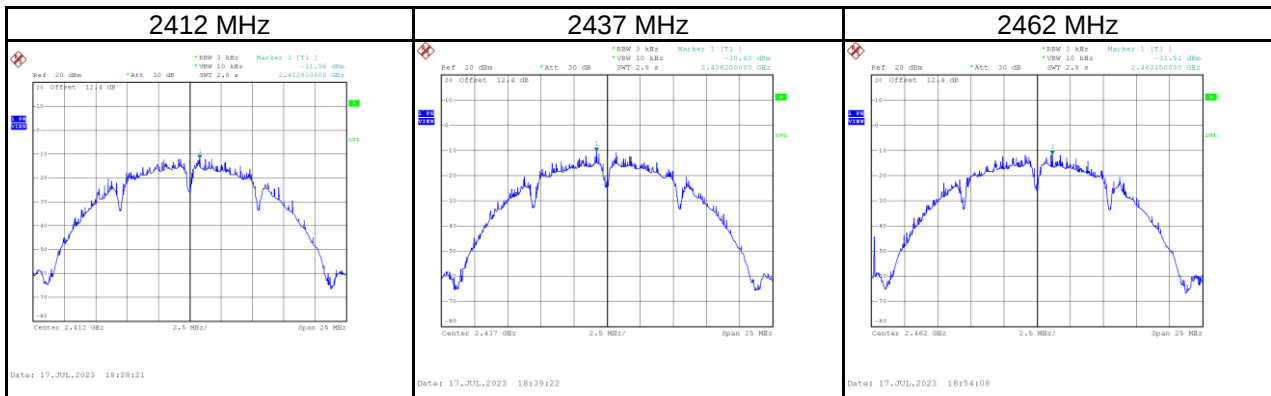
Test Mode	IEEE 802.11n (HT40)_ Total	Tested Date	2023/7/17
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	18.61	0.0727	30.00	1.0000	Pass
2437	18.55	0.0717	30.00	1.0000	Pass
2452	18.77	0.0753	30.00	1.0000	Pass

APPENDIX F POWER SPECTRAL DENSITY

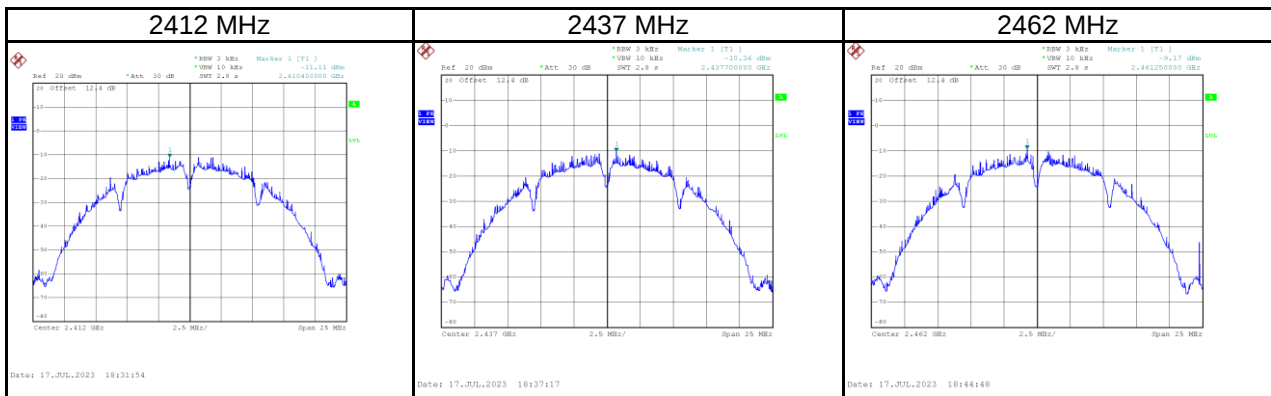
Test Mode	IEEE 802.11b_Ant 1
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-11.96	7.45	Pass
2437	-10.40	7.45	Pass
2462	-11.51	7.45	Pass



Test Mode	IEEE 802.11b_Ant 2
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-11.11	7.45	Pass
2437	-10.36	7.45	Pass
2462	-9.17	7.45	Pass

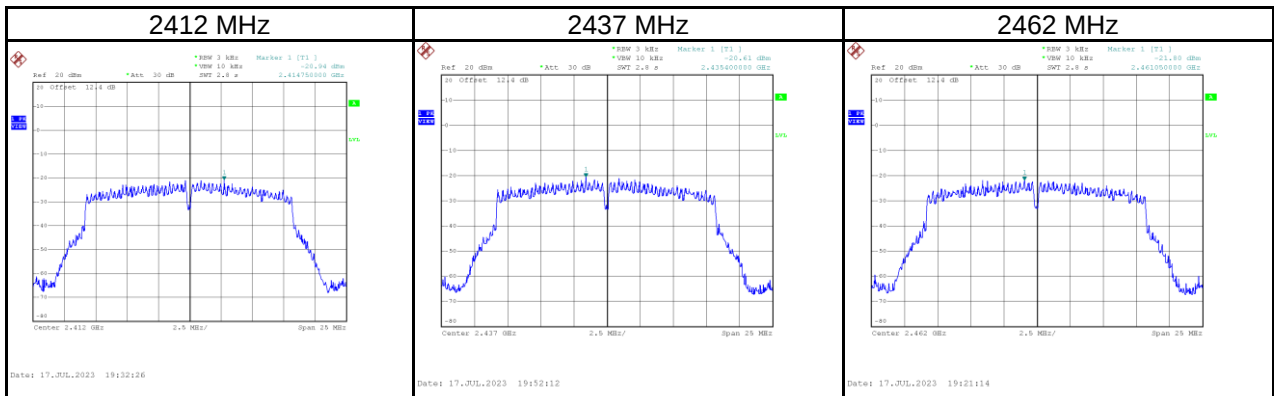


Test Mode	IEEE 802.11b_Total
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-8.50	7.45	Pass
2437	-7.37	7.45	Pass
2462	-7.17	7.45	Pass

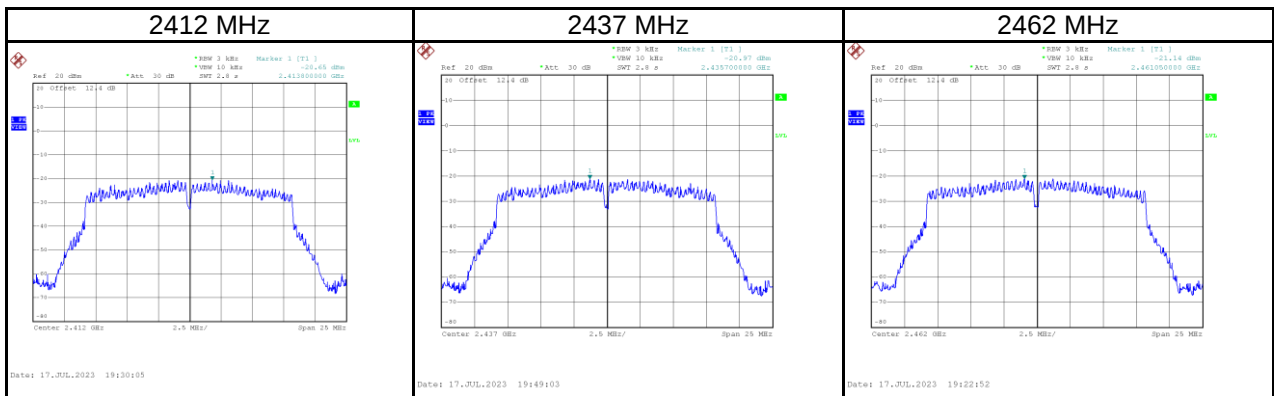
Test Mode	IEEE 802.11g_Ant 1
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-20.94	7.45	Pass
2437	-20.61	7.45	Pass
2462	-21.80	7.45	Pass



Test Mode	IEEE 802.11g_Ant 2
-----------	--------------------

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-20.65	7.45	Pass
2437	-20.97	7.45	Pass
2462	-21.14	7.45	Pass

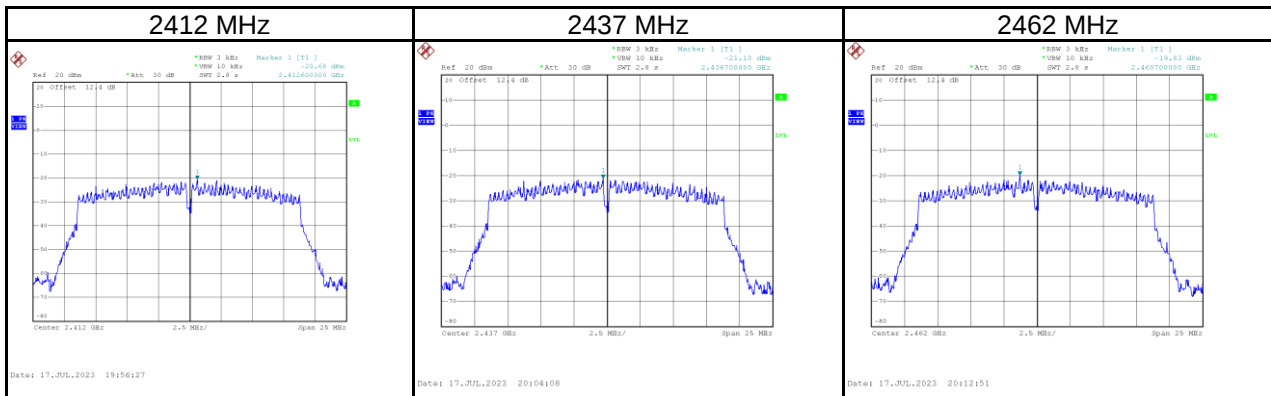


Test Mode	IEEE 802.11g_Total
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-17.78	7.45	Pass
2437	-17.78	7.45	Pass
2462	-18.45	7.45	Pass

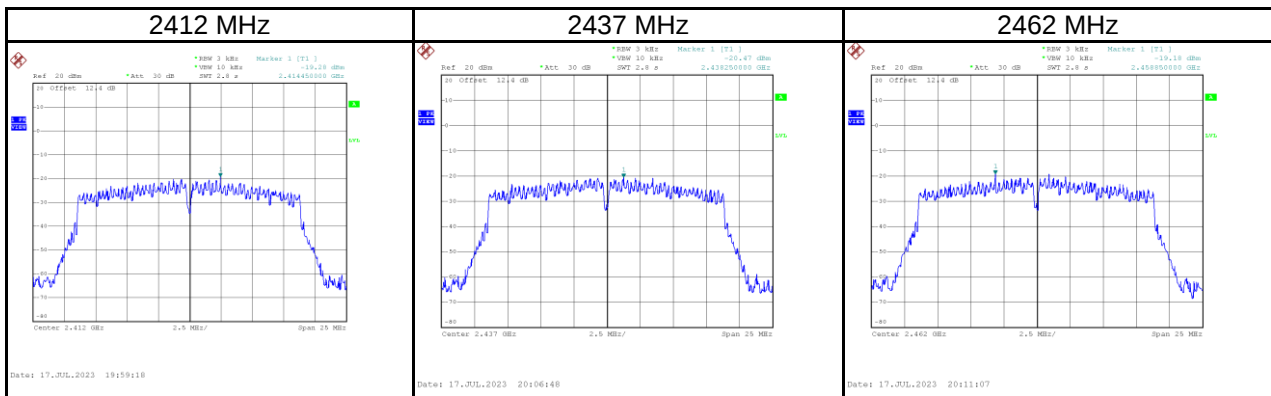
Test Mode	IEEE 802.11n (HT20)_ Ant 1
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-20.68	7.45	Pass
2437	-21.10	7.45	Pass
2462	-19.83	7.45	Pass



Test Mode	IEEE 802.11n (HT20)_ Ant 2
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-19.28	7.45	Pass
2437	-20.47	7.45	Pass
2462	-19.18	7.45	Pass

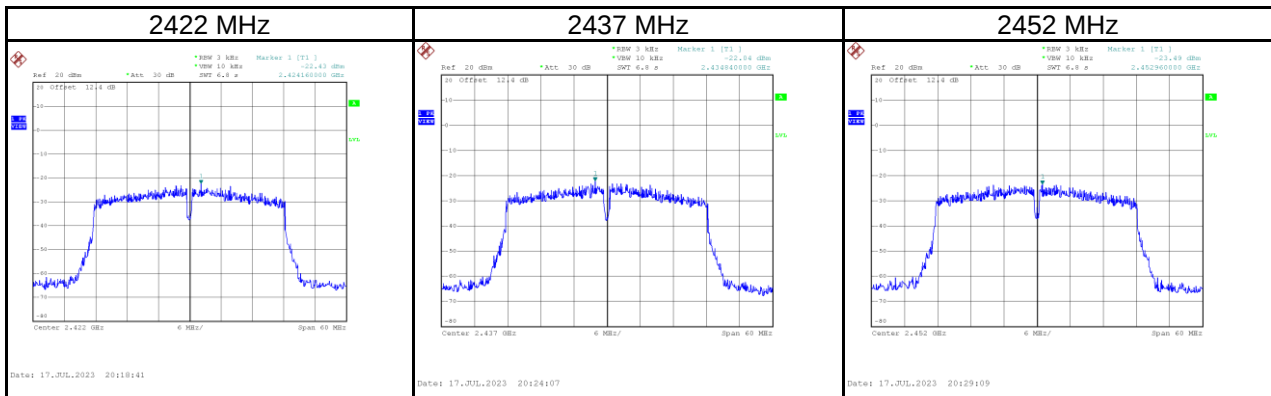


Test Mode	IEEE 802.11n (HT20)_ Total
-----------	----------------------------

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2412	-16.91	7.45	Pass
2437	-17.76	7.45	Pass
2462	-16.48	7.45	Pass

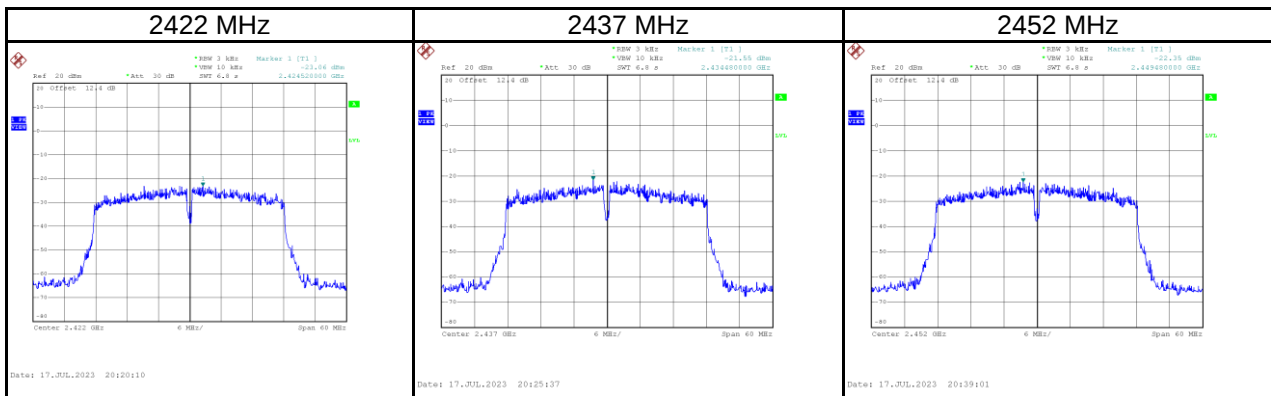
Test Mode	IEEE 802.11n (HT40)_ Ant 1
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-22.43	7.45	Pass
2437	-22.04	7.45	Pass
2452	-23.49	7.45	Pass



Test Mode	IEEE 802.11n (HT40)_ Ant 2
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Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-23.06	7.45	Pass
2437	-21.55	7.45	Pass
2452	-22.35	7.45	Pass



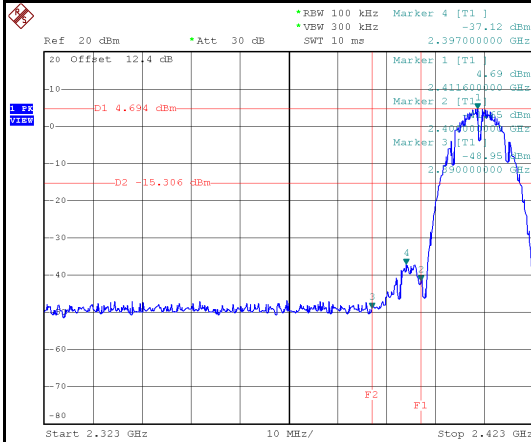
Test Mode	IEEE 802.11n (HT40)_ Total
-----------	----------------------------

Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2422	-18.78	7.45	Pass
2437	-19.87	7.45	Pass
2452	-18.78	7.45	Pass

APPENDIX G ANTENNA CONDUCTED SPURIOUS EMISSIONS

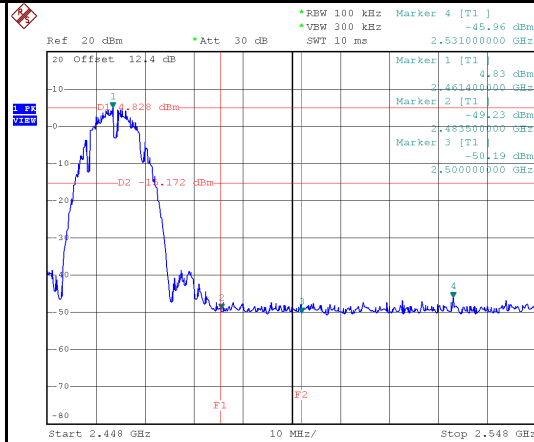
Test Mode IEEE 802.11b_Ant 1

Low Bandedge-2412 MHz



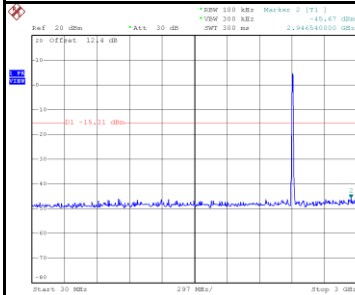
Date: 17.JUL.2023 18:27:25

High Bandedge-2462 MHz

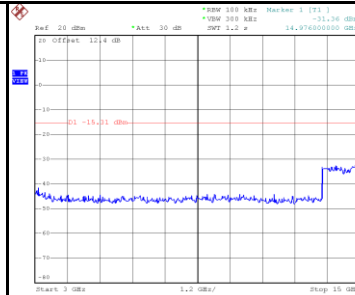


Date: 17.JUL.2023 18:53:33

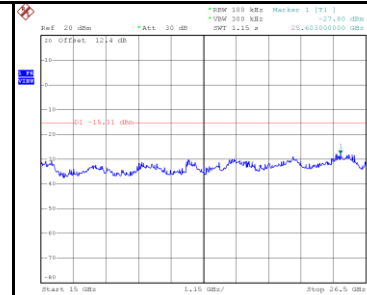
2412 MHz-10th Harmonics



Date: 17.JUL.2023 18:27:18

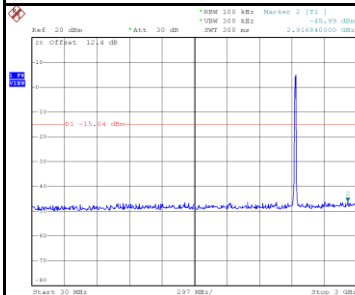


Date: 17.JUL.2023 18:27:44

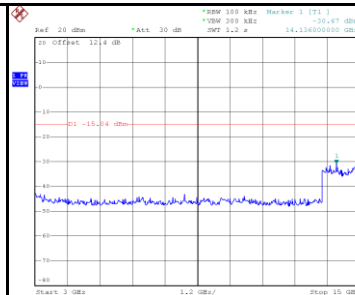


Date: 17.JUL.2023 18:27:51

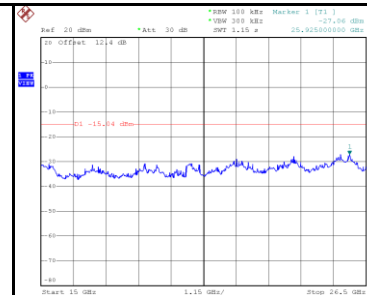
2437 MHz-10th Harmonics



Date: 17.JUL.2023 18:38:59

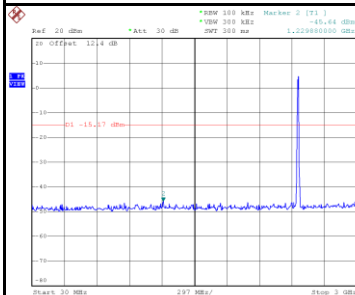


Date: 17.JUL.2023 18:39:06

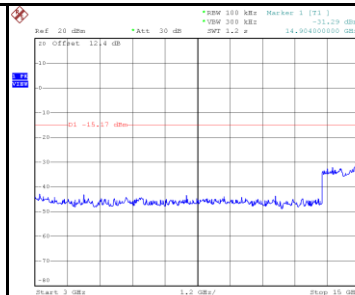


Date: 17.JUL.2023 18:39:13

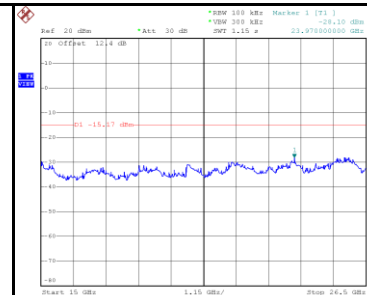
2462 MHz-10th Harmonics



Date: 17.JUL.2023 18:53:46



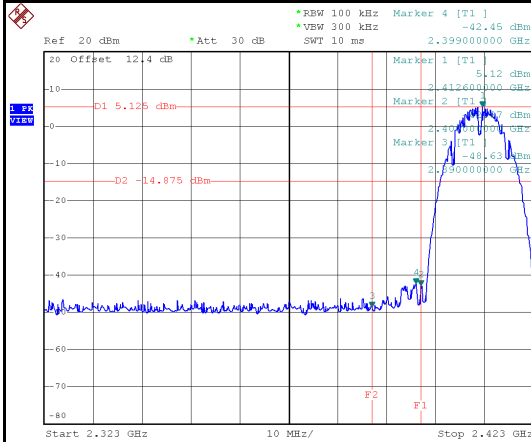
Date: 17.JUL.2023 18:53:53



Date: 17.JUL.2023 18:53:59

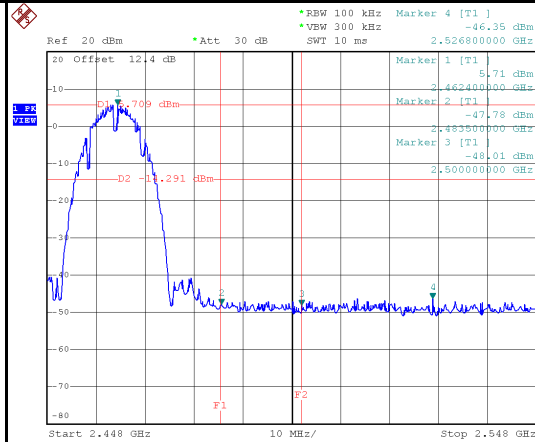
Test Mode IEEE 802.11b_Ant 2

Low Bandedge-2412 MHz



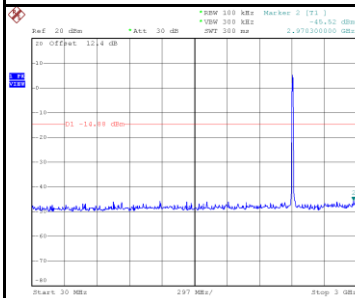
Date: 17.JUL.2023 18:30:35

High Bandedge-2462 MHz

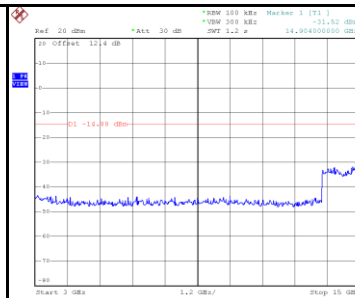


Date: 17.JUL.2023 18:43:01

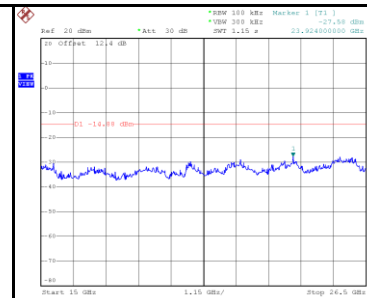
2412 MHz-10th Harmonics



Date: 17.JUL.2023 18:30:48

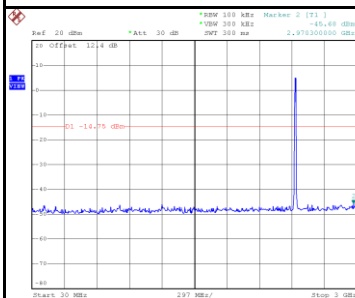


Date: 17.JUL.2023 18:30:55

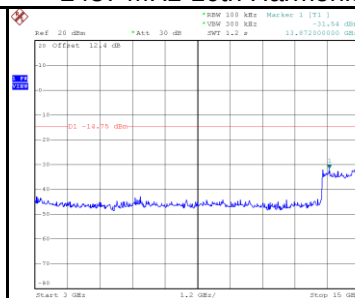


Date: 17.JUL.2023 18:31:01

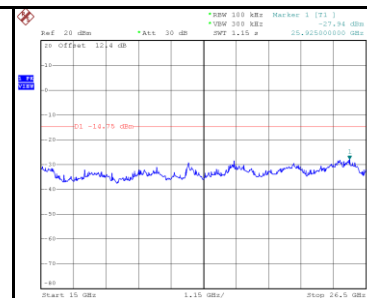
2437 MHz-10th Harmonics



Date: 17.JUL.2023 18:35:14

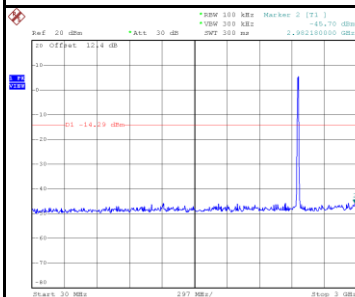


Date: 17.JUL.2023 18:35:30

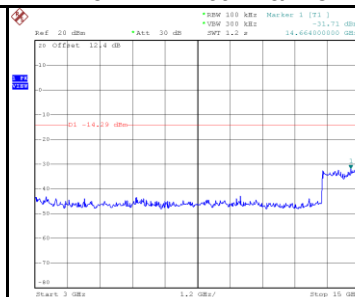


Date: 17.JUL.2023 18:35:37

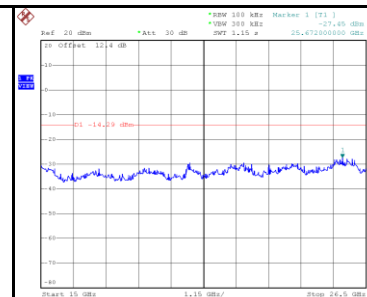
2462 MHz-10th Harmonics



Date: 17.JUL.2023 18:43:14



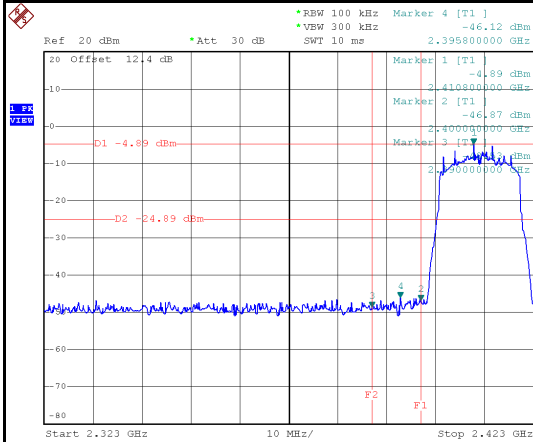
Date: 17.JUL.2023 18:43:21



Date: 17.JUL.2023 18:43:27

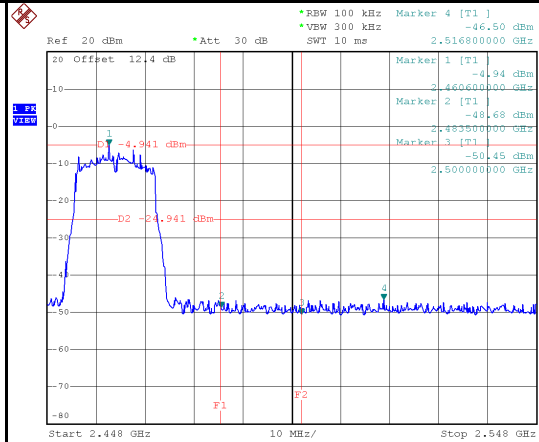
Test Mode IEEE 802.11g_Ant 1

Low Bandedge-2412 MHz



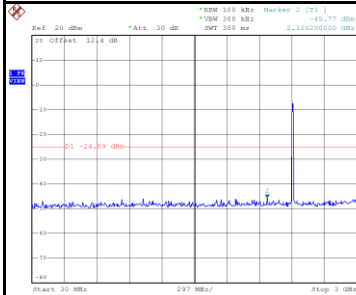
Date: 17.JUL.2023 19:31:51

High Bandedge-2462 MHz

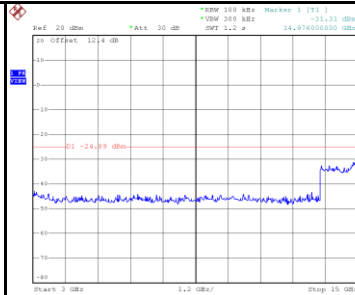


Date: 17.JUL.2023 19:20:40

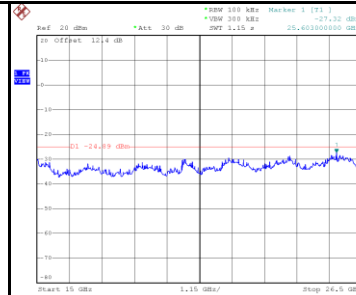
2412 MHz-10th Harmonics



Date: 17.JUL.2023 19:32:03

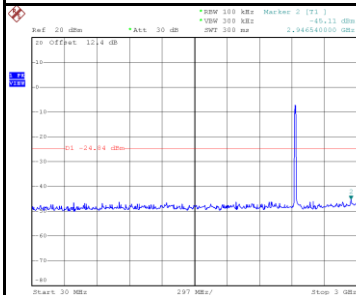


Date: 17.JUL.2023 19:32:10

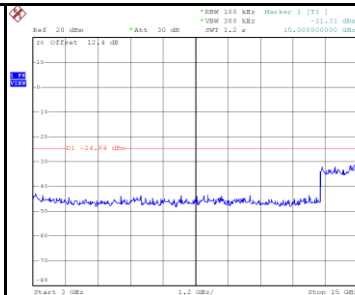


Date: 17.JUL.2023 19:32:17

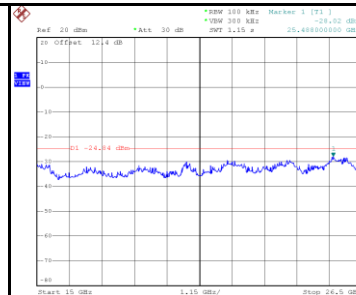
2437 MHz-10th Harmonics



Date: 17.JUL.2023 19:51:50

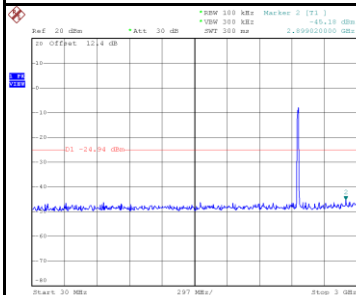


Date: 17.JUL.2023 19:51:56

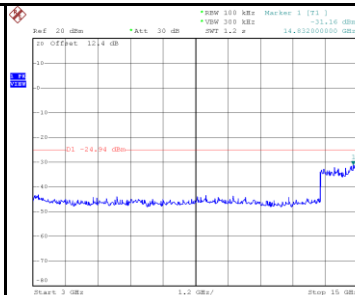


Date: 17.JUL.2023 19:52:03

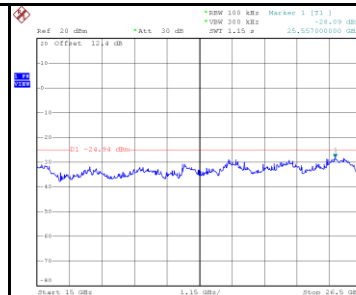
2462 MHz-10th Harmonics



Date: 17.JUL.2023 19:20:152



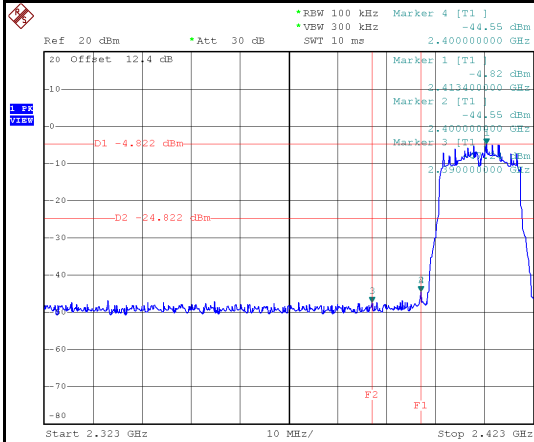
Date: 17.JUL.2023 19:20:159



Date: 17.JUL.2023 19:21:06

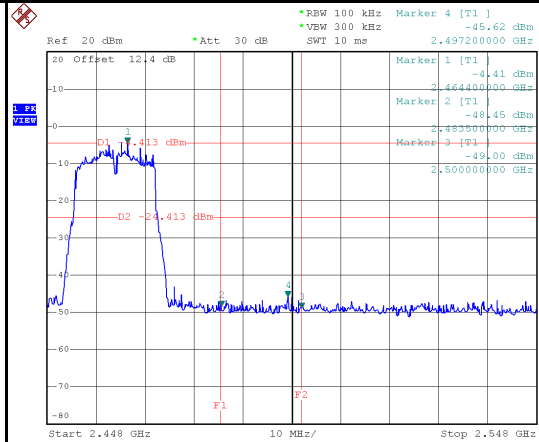
Test Mode IEEE 802.11g_Ant 2

Low Bandedge-2412 MHz



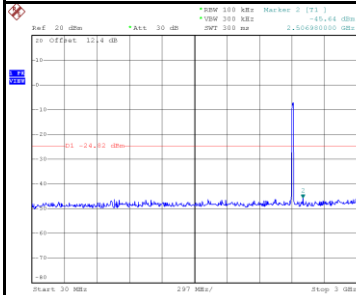
Date: 17.JUL.2023 19:29:30

High Bandedge-2462 MHz

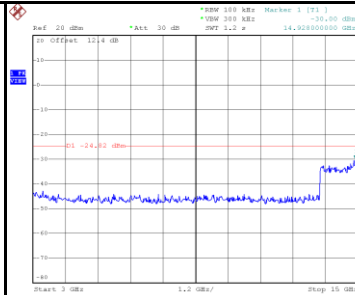


Date: 17.JUL.2023 19:22:19

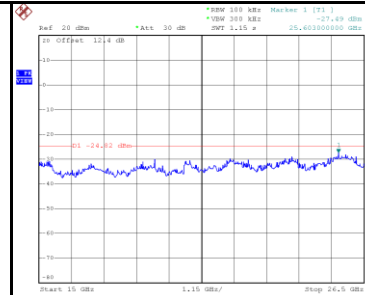
2412 MHz-10th Harmonics



Date: 17.JUL.2023 19:29:43

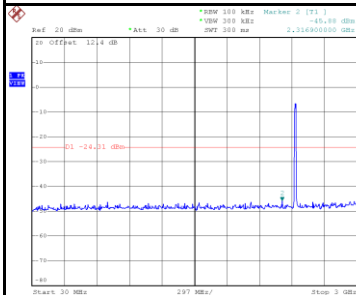


Date: 17.JUL.2023 19:29:50

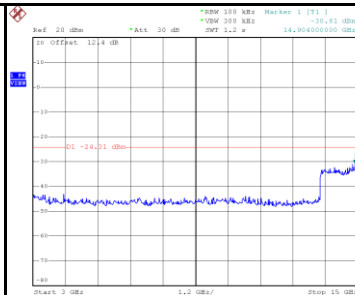


Date: 17.JUL.2023 19:29:56

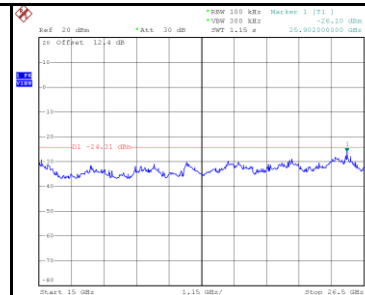
2437 MHz-10th Harmonics



Date: 17.JUL.2023 19:48:41

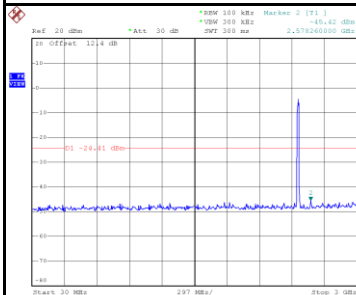


Date: 17.JUL.2023 19:48:48

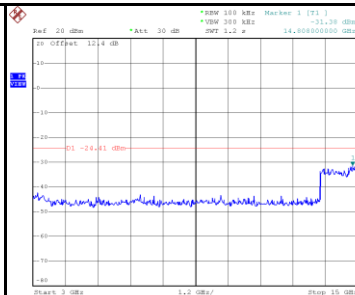


Date: 17.JUL.2023 19:48:55

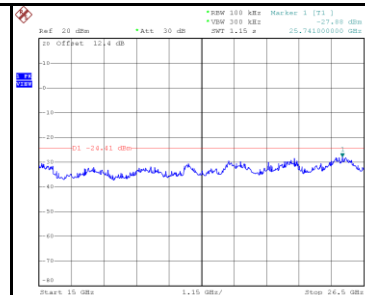
2462 MHz-10th Harmonics



Date: 17.JUL.2023 19:22:32



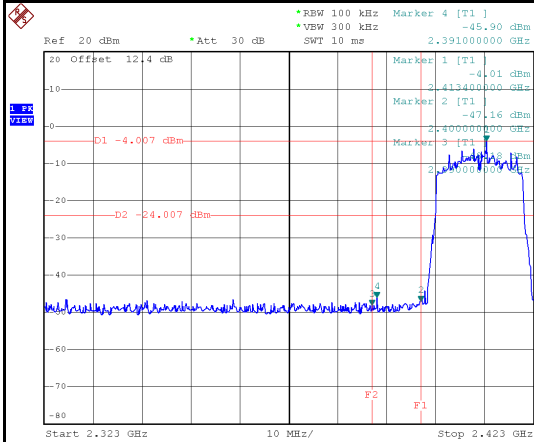
Date: 17.JUL.2023 19:22:38



Date: 17.JUL.2023 19:22:44

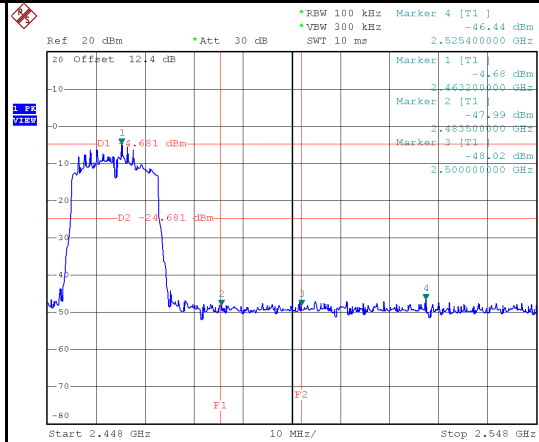
Test Mode IEEE 802.11n (HT20)_Ant 1

Low Bandedge-2412 MHz



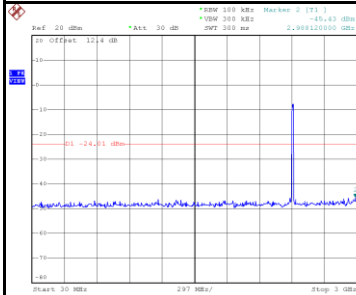
Date: 17.JUL.2023 19:55:52

High Bandedge-2462 MHz

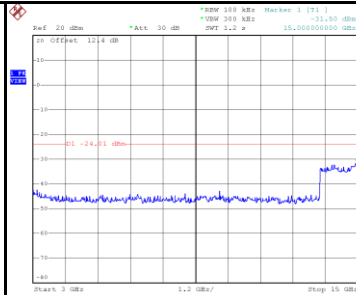


Date: 17.JUL.2023 20:12:17

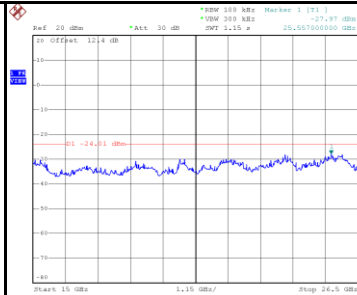
2412 MHz-10th Harmonics



Date: 17.JUL.2023 19:56:05

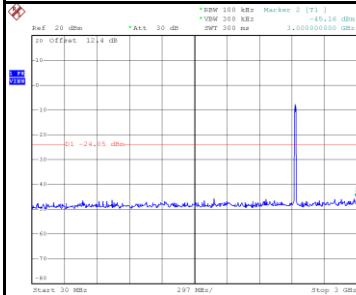


Date: 17.JUL.2023 19:56:12

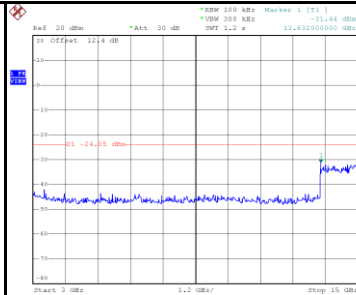


Date: 17.JUL.2023 19:56:10

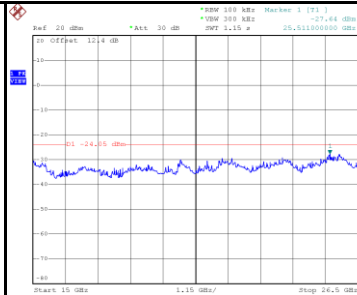
2437 MHz-10th Harmonics



Date: 17.JUL.2023 20:03:46

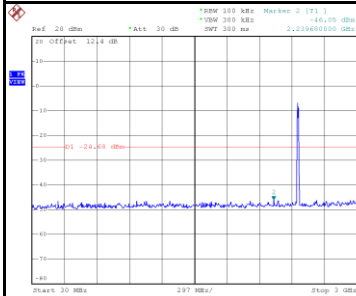


Date: 17.JUL.2023 20:03:53

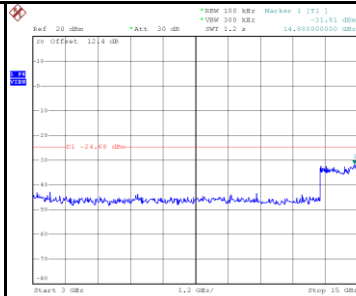


Date: 17.JUL.2023 20:04:00

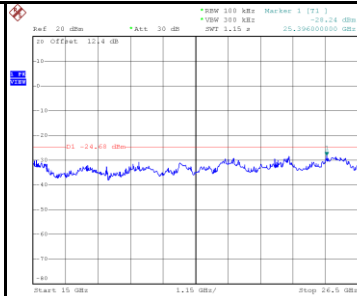
2462 MHz-10th Harmonics



Date: 17.JUL.2023 20:12:29



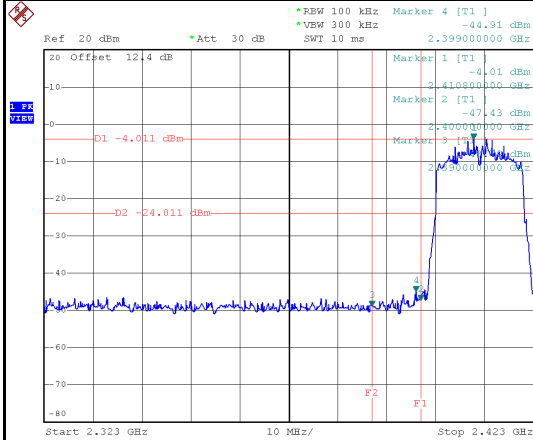
Date: 17.JUL.2023 20:12:36



Date: 17.JUL.2023 20:12:43

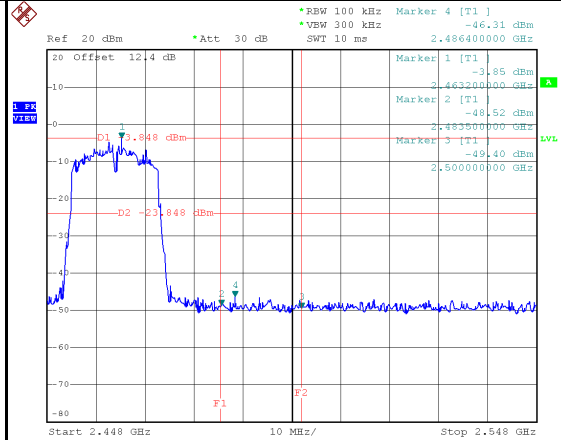
Test Mode IEEE 802.11n (HT20)_Ant 2

Low Bandedge-2412 MHz



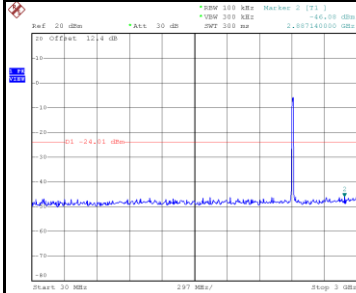
Date: 17.JUL.2023 19:58:43

High Bandedge-2462 MHz

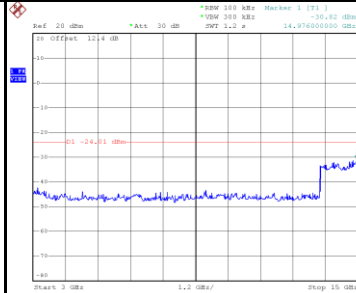


Date: 17.JUL.2023 20:10:32

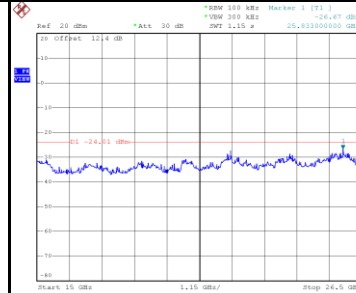
2412 MHz-10th Harmonics



Date: 17.JUL.2023 19:58:56

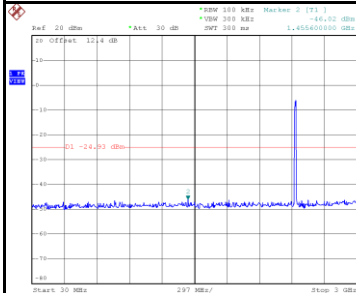


Date: 17.JUL.2023 19:59:03

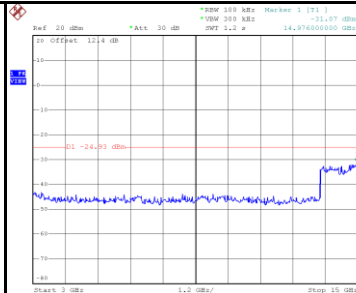


Date: 17.JUL.2023 19:59:10

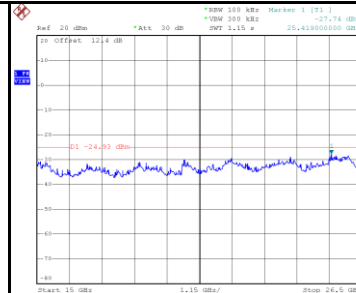
2437 MHz-10th Harmonics



Date: 17.JUL.2023 20:06:26

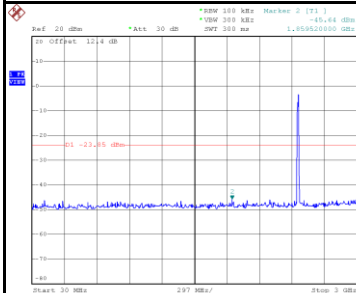


Date: 17.JUL.2023 20:06:32

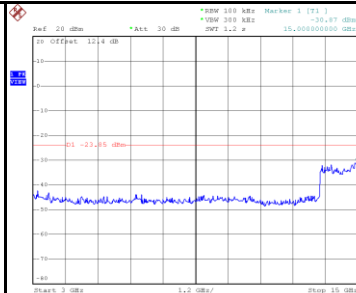


Date: 17.JUL.2023 20:06:39

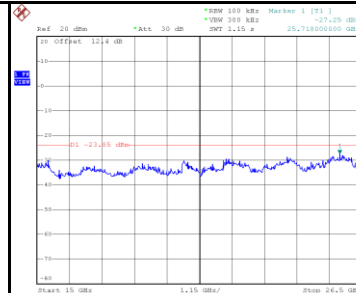
2462 MHz-10th Harmonics



Date: 17.JUL.2023 20:10:45



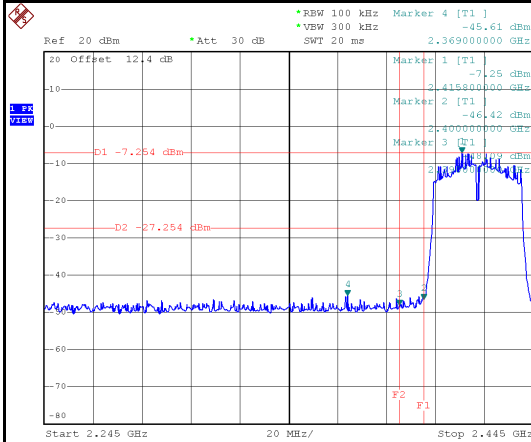
Date: 17.JUL.2023 20:10:52



Date: 17.JUL.2023 20:10:58

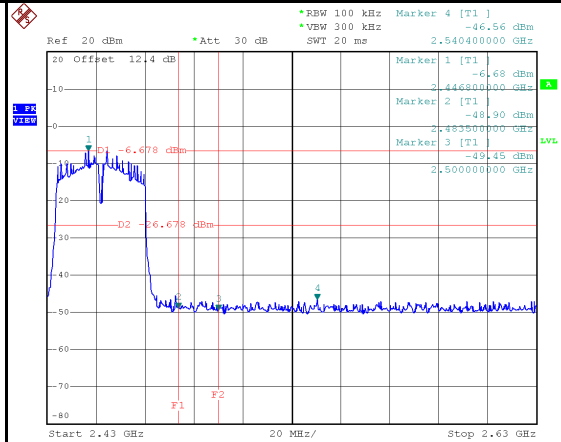
Test Mode IEEE 802.11n (HT40)_Ant 1

Low Bandedge-2422 MHz



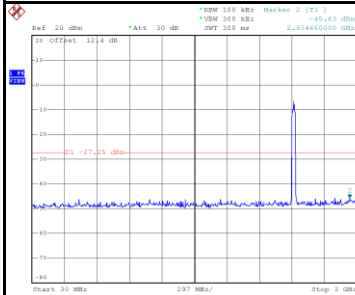
Date: 17.JUL.2023 20:18:03

High Bandedge-2452 MHz

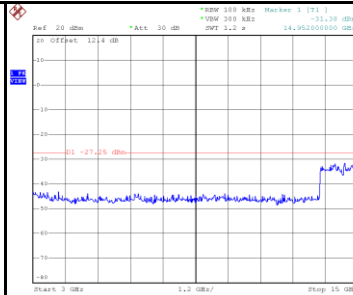


Date: 17.JUL.2023 20:28:32

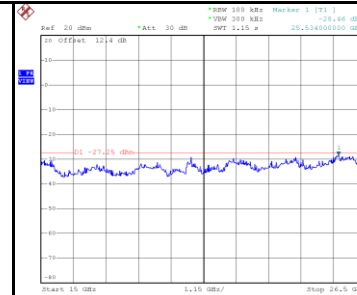
2422 MHz-10th Harmonics



Date: 17.JUL.2023 20:18:16

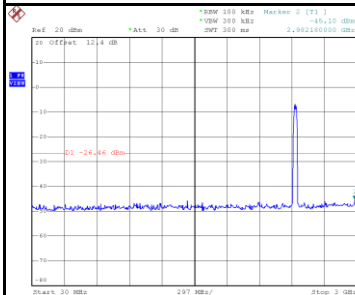


Date: 17.JUL.2023 20:18:23

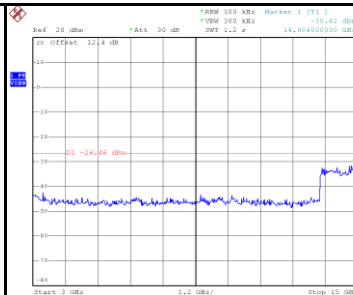


Date: 17.JUL.2023 20:18:30

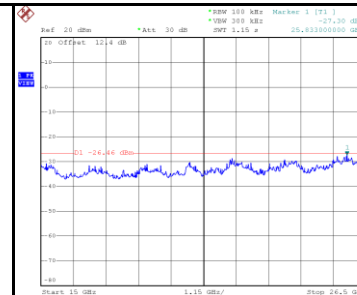
2437 MHz-10th Harmonics



Date: 17.JUL.2023 20:23:42

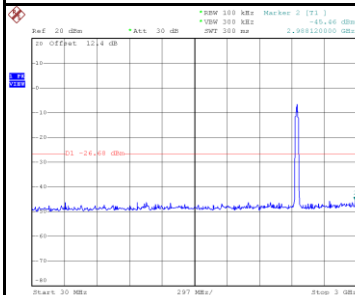


Date: 17.JUL.2023 20:23:49

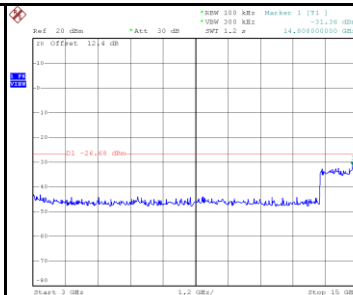


Date: 17.JUL.2023 20:23:55

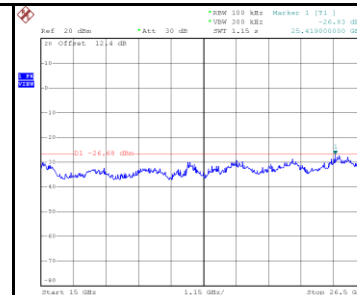
2452 MHz-10th Harmonics



Date: 17.JUL.2023 20:28:44



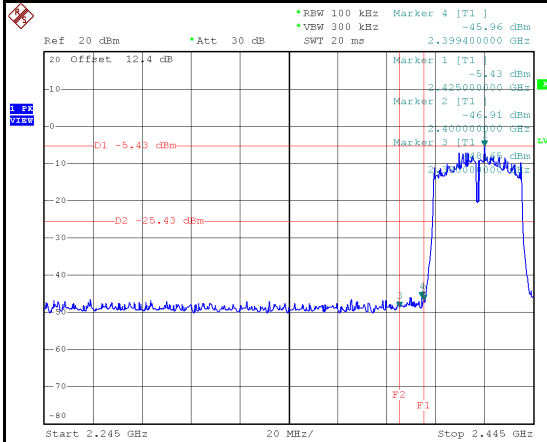
Date: 17.JUL.2023 20:28:51



Date: 17.JUL.2023 20:28:58

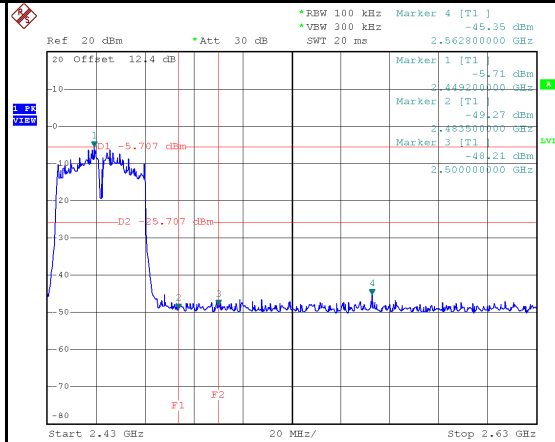
Test Mode IEEE 802.11n (HT40)_Ant 2

Low Bandedge-2422 MHz



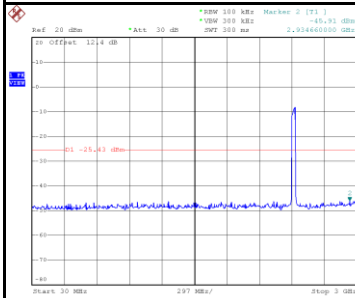
Date: 17.JUL.2023 20:19:23

High Bandedge-2452 MHz

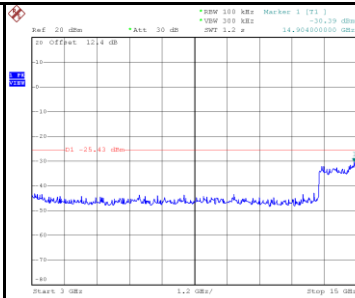


Date: 17.JUL.2023 20:38:23

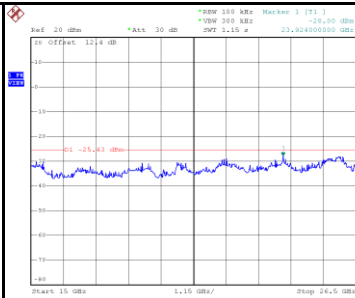
2422 MHz-10th Harmonics



Date: 17.JUL.2023 20:19:45

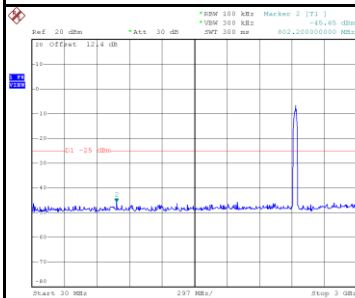


Date: 17.JUL.2023 20:19:52

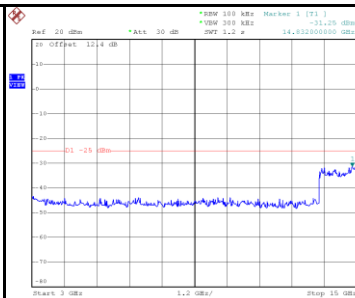


Date: 17.JUL.2023 20:19:59

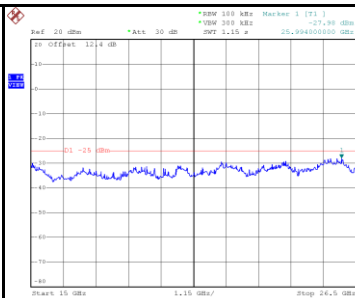
2437 MHz-10th Harmonics



Date: 17.JUL.2023 20:25:12

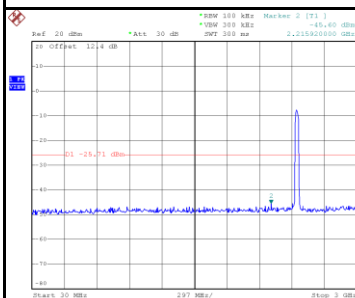


Date: 17.JUL.2023 20:25:19

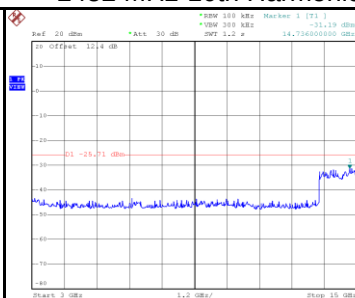


Date: 17.JUL.2023 20:25:26

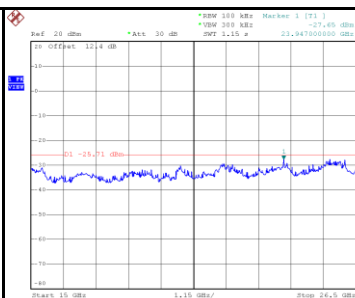
2452 MHz-10th Harmonics



Date: 17.JUL.2023 20:38:36



Date: 17.JUL.2023 20:38:43



Date: 17.JUL.2023 20:38:50

End of Test Report