

FCC Radio Test Report

FCC ID: TX2-RTL8822CE

Report No. : BTL-FCCP-3-2101T155A
Equipment : 802.11a/b/g/n/ac RTL8822CE Combo module
Model Name : RTL8822CE
Brand Name : Realtek
Applicant : Realtek Semiconductor Corp.
Address : No. 2, Innovation Road II, Hsinchu Science Part, Hsinchu 300, Taiwan

Radio Function : WLAN 2.4 GHz

FCC Rule Part(s) : FCC Part15, Subpart C (15.247)
Measurement Procedure(s) : ANSI C63.10-2013

Date of Receipt : 2021/6/30
Date of Test : 2021/6/30 ~ 2021/8/11
Issued Date : 2021/8/18

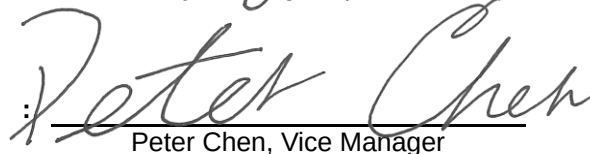
The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

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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
BTL-FCCP-3-2101T155A	R00	Original Report.	2021/8/18

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

FCC Part 15, Subpart C (15.247)				
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(b)	Output Power	APPENDIX D	Pass	-----

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) This test report is issued for the RF module (FCCID: TX2-RTL8822CE) to be incorporated to the host device (Model number: Lenovo 500e Chromebook Gen 3, Product name: Notebook Computer). Since the RF module has been certificated, after evaluation, above test items were criticized and reconfirmed in this report.
- (4) After spot check, this revision does not change original radio parameters.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report:

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

The test sites and facilities are covered under FCC RN: 674415 and DN: TW0659.

☒ C05 ☐ CB08 ☐ CB11 ☒ CB15 ☐ CB16
☒ SR05

1.2 MEASUREMENT UNCERTAINTY

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

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C05	CISPR	150 kHz ~ 30MHz	3.44

B. Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
CB15	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)
Output Power	0.3669

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	23 °C, 63 %	AC 120V	Tim Lee
Radiated emissions below 1 GHz	Refer to data	AC 120V	Jay Kao
Radiated emissions above 1 GHz	Refer to data	AC 120V	Jay Kao
Output Power	23 °C, 51 %	AC 120V	Paul Shen

1.4 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

Test Software	DRTU V11.1941.0-10270					
Mode	2412 MHz	2437 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	113/96	111/99	106/90	99/94	69/60	1 Mbps
IEEE 802.11g	92/80	107/92	96/88	65/49	50/38	6 Mbps
IEEE 802.11n (HT20)	92/84	107/95	96/86	68/52	54/42	MCS 0
IEEE 802.11ac (VHT20)	100/64	127/75	100/66	68/52	54/42	MCS 0
Modulation Mode	2422 MHz	2437 MHz	2452 MHz	2457 MHz	2462 MHz	Data Rate
IEEE 802.11n (HT40)	71/52	127/70	77/58	71/52	45/32	MCS 0
IEEE 802.11ac (VHT40)	71/52	127/70	77/58	71/52	45/32	MCS 0

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	802.11a/b/g/n/ac RTL8822CE Combo module
Model Name	RTL8822CE
Brand Name	Realtek
Model Difference	N/A
Power Supply Rating	DC 3.3V from host equipment
Host device information	
Equipment	Notebook Computer
Model Name	Lenovo 500e Chromebook Gen 3
Brand Name	Lenovo
Model Difference	N/A
Power Source	DC voltage supplied from External Power Supply.
Power Rating	Brand : Lenovo M/N : ADLX65YAC3D I/P : 100-240V~ 1.8A, 50-60Hz O/P : DC20.0V 3.25A 65W / DC15.0V 3.0A / DC9.0V 2.0A / DC5.0V 2.0A 10.0W
	Brand : Lenovo M/N : ADLX45YLC2D I/P : 100-240V~ 1.3A, 50-60Hz O/P : DC20.0V 2.25A 45W / DC15.0V 3.0A / DC9.0V 2.0A / DC5.0V 2.0A 10.0W
Products Covered	2 * Adapter: Lenovo / ADLX65YAC3D, ADLX45YLC2D
WIFI+BT Module	Realtek / RTL8822CE
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2472 MHz
Maximum Output Power	IEEE 802.11b: 21.62 dBm (0.1451 W) IEEE 802.11g: 28.94 dBm (0.7835 W) IEEE 802.11n (HT20): 28.94 dBm (0.7835 W) IEEE 802.11n (HT40): 26.94 dBm (0.4946 W) IEEE 802.11ac (VHT20): 27.89 dBm (0.6150 W) IEEE 802.11ac (VHT 40): 27.09 dBm (0.5117 W)
Test Model	Lenovo 500e Chromebook Gen 3
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

(1) For a more detailed features description, please refer to the manufacturer's specifications or the 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	12	2467
03	2422	08	2447	13	2472
04	2427	09	2452		
05	2432	10	2457		

(3) Table for Filed Antenna:

Antenna	Manufacture	Part Number	Type	Connector	Frequency Range (MHz)	Gain (dBi)
Main	INPAQ Corporation	DC33001TN40	PIFA	I-PEX	2400-2500	1.82
					5150-5350	2.22
					5470-5725	2.13
					5725-5850	2.13
Aux	INPAQ Corporation	DC33001TN50	PIFA	I-PEX	2400-2500	1.91
					5150-5350	2.38
					5470-5725	1.30
					5725-5850	1.81

Antenna	Manufacture	Part Number	Type	Connector	Frequency Range (MHz)	Gain (dBi)
Main	Shenzhen South Star Technology Co,LTD	DC33001TP00	PIFA	I-PEX	2400-2500	1.97
					5150-5350	2.26
					5470-5725	2.39
					5725-5850	2.39
Aux	Shenzhen South Star Technology Co,LTD	C33001TP10	PIFA	I-PEX	2400-2500	1.52
					5150-5350	2.85
					5470-5725	1.28
					5725-5850	1.32

NOTE: Since the antenna gain of Antenna _ Shenzhen South Star Technology Co,LTD is the highest one among all, Antenna _ Shenzhen South Star Technology Co,LTD had used for testing.

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	IEEE 802.11ac (VHT40)	11	-
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/11/12/13	Bandedge
	IEEE 802.11g		
	IEEE 802.11ac (VHT20)		
	IEEE 802.11ac (VHT40)	03/09/10/11	
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/06/11/12/13	Harmonic
	IEEE 802.11g		
	IEEE 802.11ac (VHT20)		
	IEEE 802.11ac (VHT40)	03/06/09/10/11	
Output Power	IEEE 802.11b	01/06/11/12/13	-
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ac (VHT20)		
	IEEE 802.11n (HT40)	03/06/09/10/11	
	IEEE 802.11ac (VHT40)		

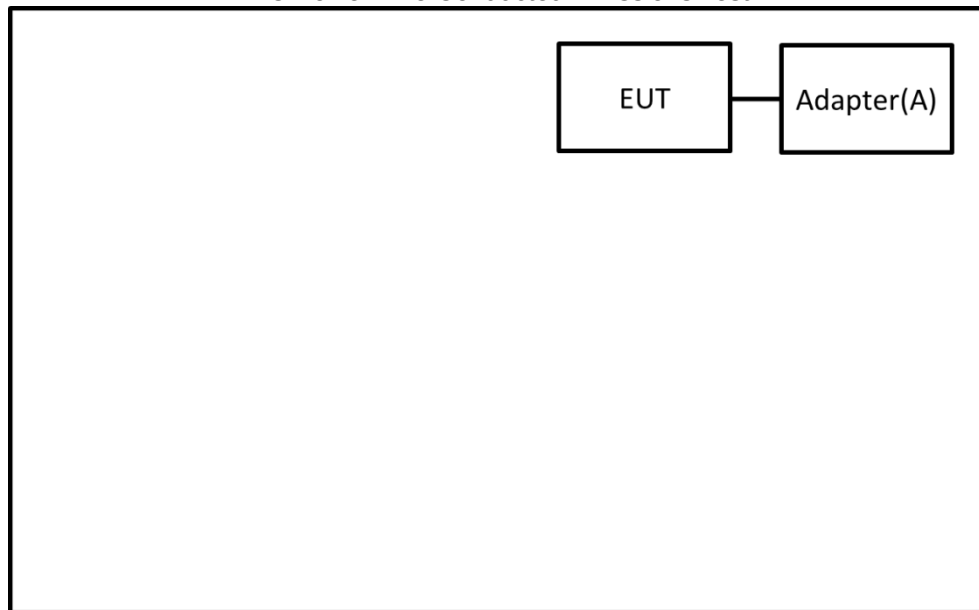
NOTE:

- (1) The Radiated emissions test was verified based on the worst conducted power and Bandwidth test results reported in the original report.
- (2) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.
- (3) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.

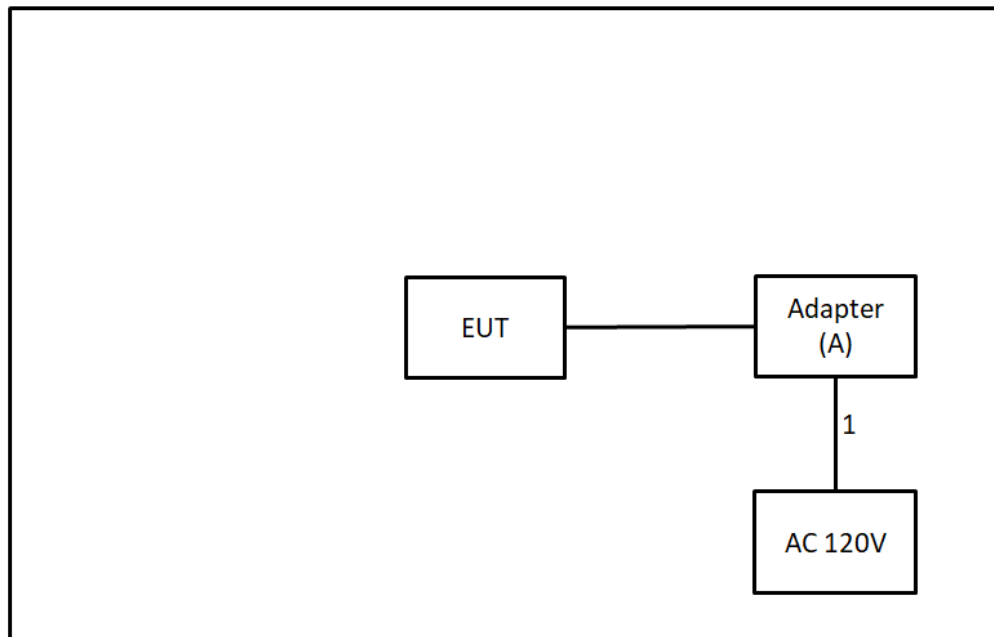
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC Power Line Conducted Emissions Test



Radiated Emissions Test



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	Lenovo	ADLX65YAC3D	N/A	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	0.95m	Power Cord	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.

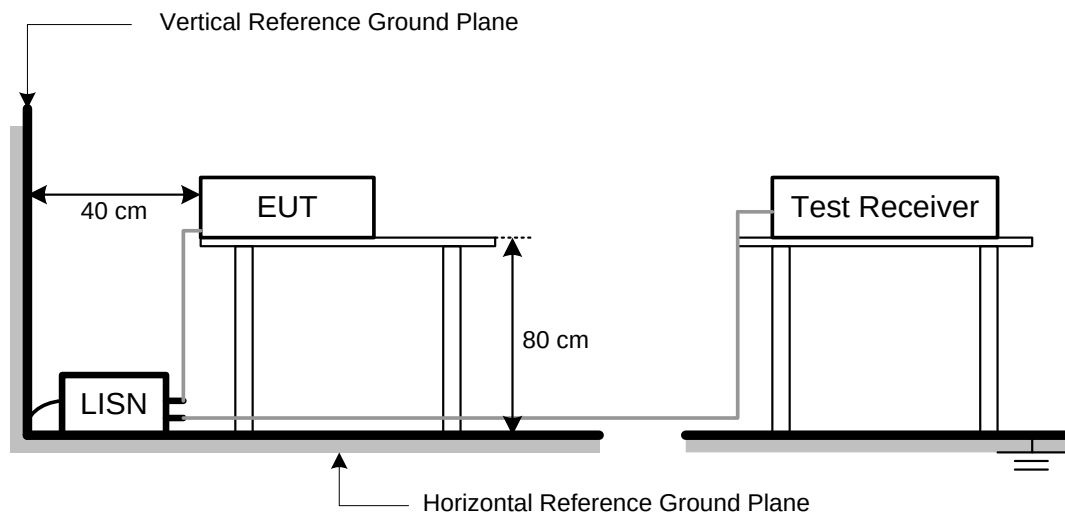
NOTE:

- (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 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

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

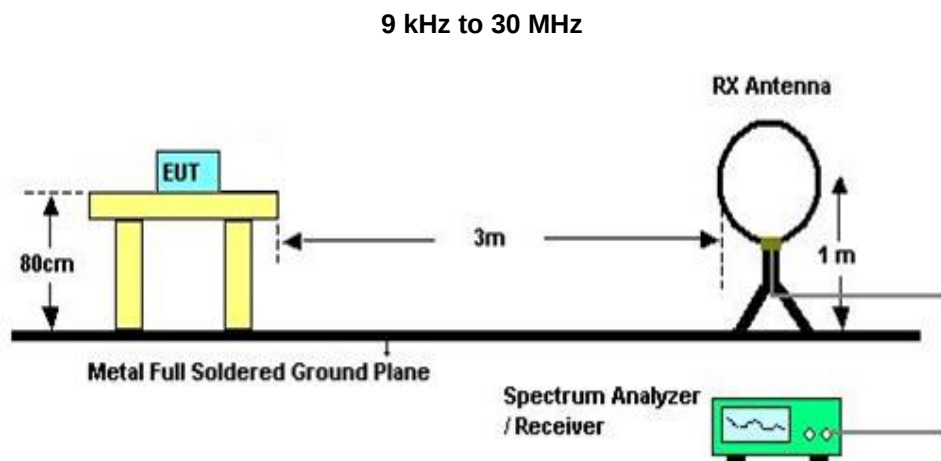
4.2 TEST PROCEDURE

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

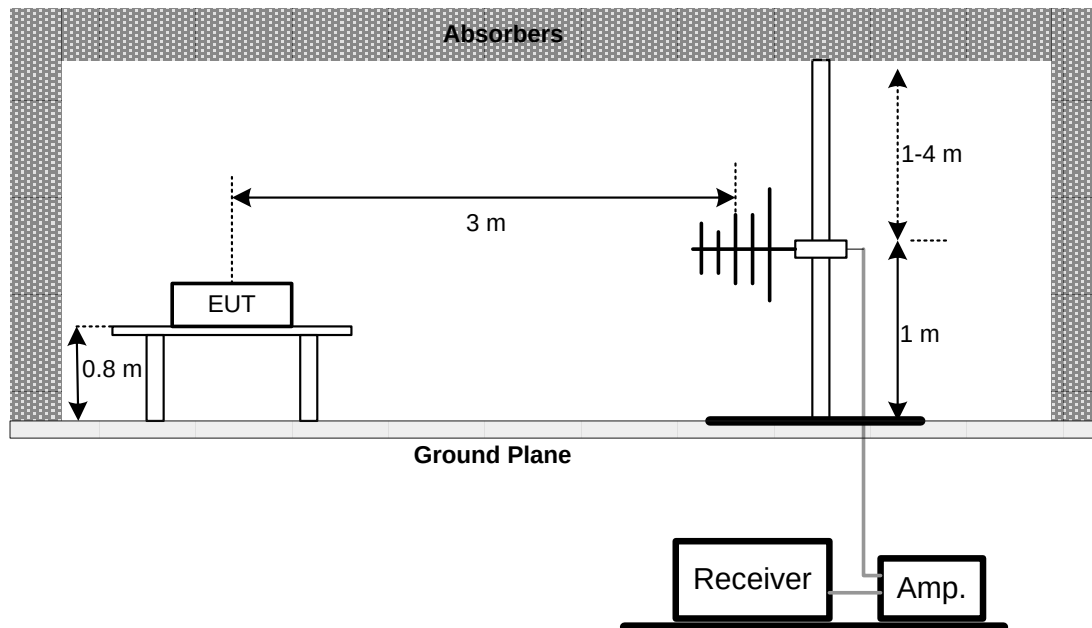
4.3 DEVIATION FROM TEST STANDARD

No deviation.

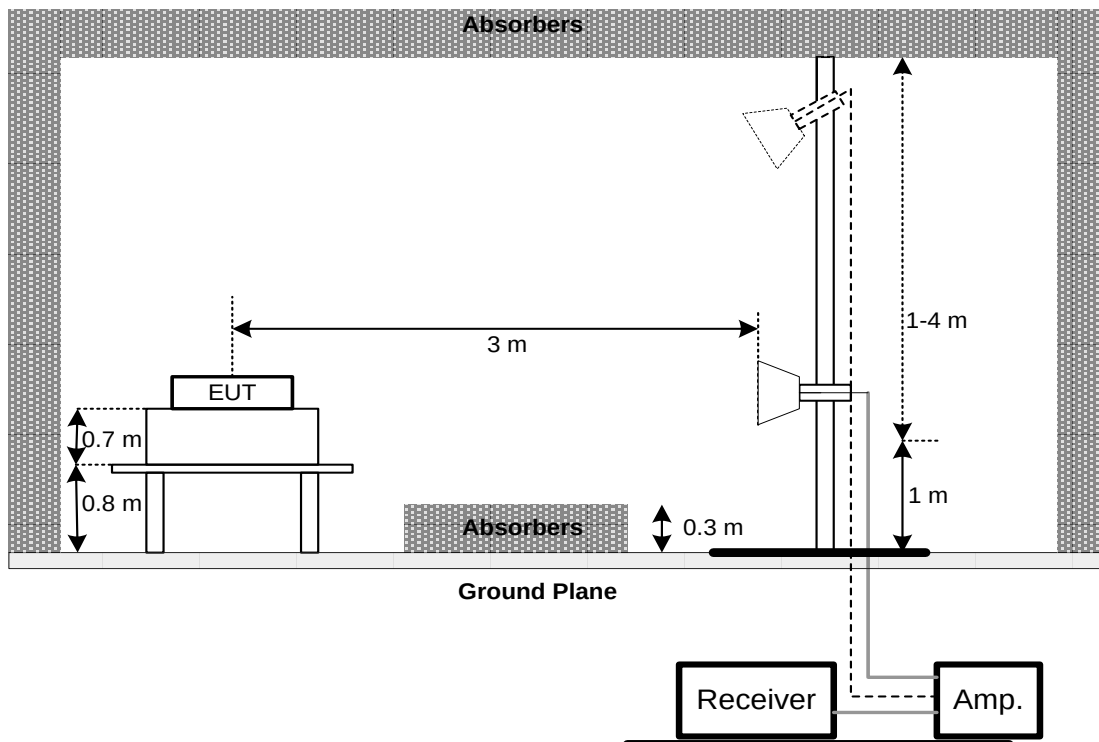
4.4 TEST SETUP



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

NOTE:

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

4.6 TEST RESULT – 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 OUTPUT POWER TEST

5.1 LIMIT

FCC Part15, Subpart C (15.247)		
Section	Test Item	Limit
15.247(b)	Maximum Output Power	1 Watt or 30dBm

5.2 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.

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 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	101339	2021/3/10	2022/3/9
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2021/5/3	2022/5/2
3	EMI Test Receiver	R&S	ESR 7	101433	2020/12/11	2021/12/10
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	EMC02325B	980217	2021/4/8	2022/4/7
2	Preamplifier	EMCI	EMC012645B	980267	2021/4/8	2022/4/7
3	Preamplifier	EMCI	EMC001340	980555	2021/4/8	2022/4/7
4	Test Cable	EMCI	EMC-SM-SM-1000	180809	2021/4/8	2022/4/7
5	Test Cable	EMCI	EMC104-SM-SM-3000	151205	2021/4/8	2022/4/7
6	Test Cable	EMCI	EMC-SM-SM-7000	180408	2021/4/8	2022/4/7
7	MXE EMI Receiver	Agilent	N9038A	MY554200087	2021/5/27	2022/5/26
8	Signal Analyzer	Agilent	N9010A	MY56480554	2020/8/25	2021/8/24
9	Loop Ant	Electro-Metrics	EMCI-LPA600	274	2021/6/1	2022/5/31
10	Horn Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	2021/6/2	2022/6/1
11	Horn Ant	Schwarzbeck	BBHA 9170	BBHA 9170340	2021/7/9	2022/7/8
12	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	VULB 9168-352	2021/7/23	2022/7/22
13	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0625	2021/7/23	2022/7/22
14	Measurement Software	EZ	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Power Meter	Anritsu	ML2495A	1128008	2021/5/26	2022/5/25
2	Power Sensor	Anritsu	MA2411B	1126001	2021/5/26	2022/5/25

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

7 EUT TEST PHOTO

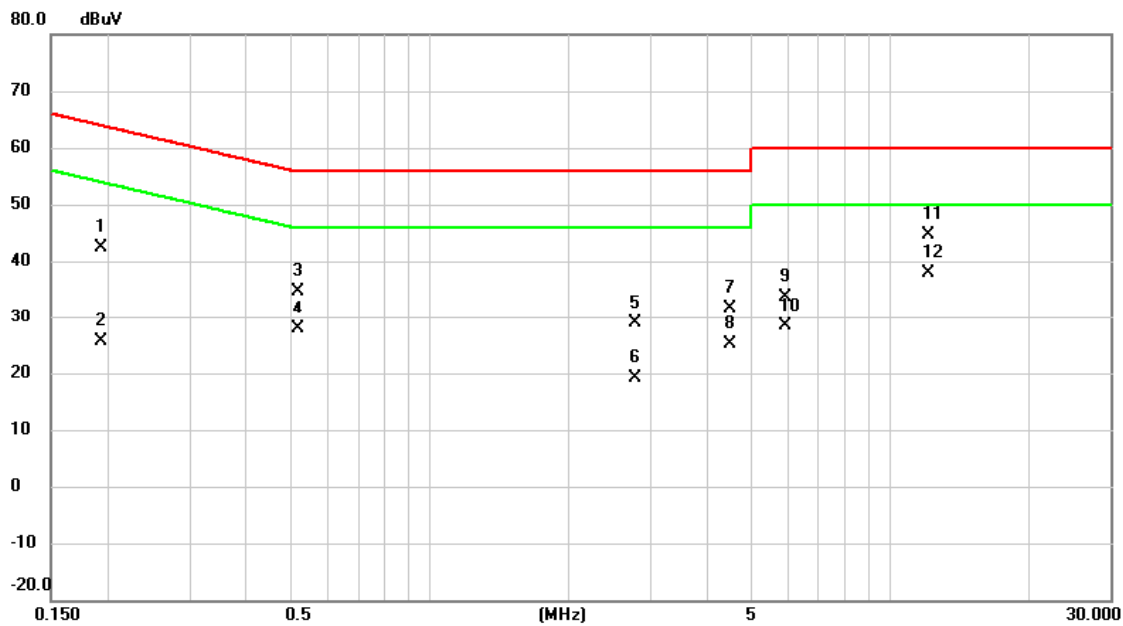
Please refer to document Appendix No.: TP-2101T155A-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2101T155A-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2021/8/5
Test Frequency	-	Phase	Line



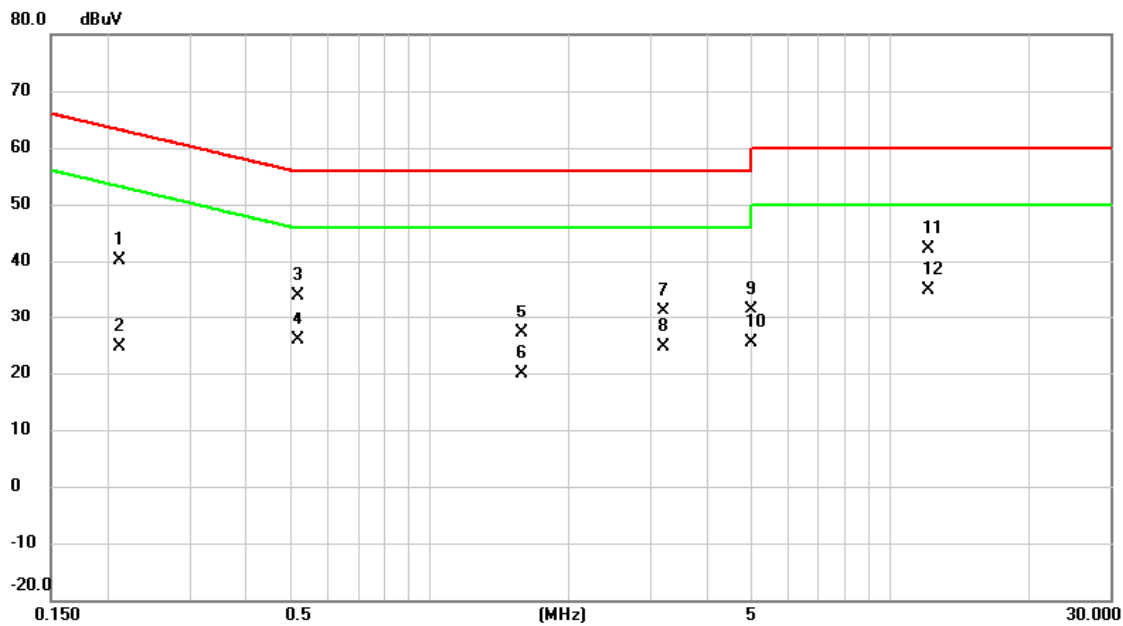
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1928	32.66	9.70	42.36	63.92	-21.56	QP	
2		0.1928	15.96	9.70	25.66	53.92	-28.26	AVG	
3		0.5167	25.04	9.71	34.75	56.00	-21.25	QP	
4		0.5167	18.09	9.71	27.80	46.00	-18.20	AVG	
5		2.7758	19.20	9.78	28.98	56.00	-27.02	QP	
6		2.7758	9.25	9.78	19.03	46.00	-26.97	AVG	
7		4.4835	21.76	9.93	31.69	56.00	-24.31	QP	
8		4.4835	15.15	9.93	25.08	46.00	-20.92	AVG	
9		5.9190	23.59	10.00	33.59	60.00	-26.41	QP	
10		5.9190	18.27	10.00	28.27	50.00	-21.73	AVG	
11		12.0638	34.52	10.17	44.69	60.00	-15.31	QP	
12	*	12.0638	27.82	10.17	37.99	50.00	-12.01	AVG	

REMARKS:

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

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

Test Mode	Normal	Tested Date	2021/8/5
Test Frequency	-	Phase	Neutral



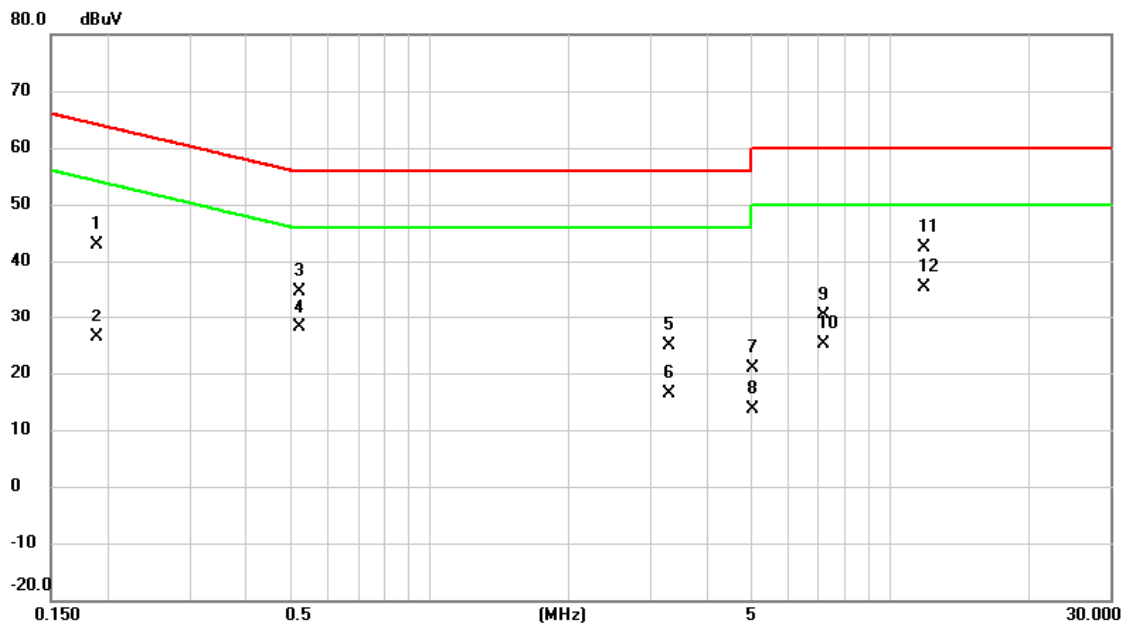
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2108	30.54	9.70	40.24	63.17	-22.93	QP	
2		0.2108	14.95	9.70	24.65	53.17	-28.52	AVG	
3		0.5167	24.12	9.71	33.83	56.00	-22.17	QP	
4		0.5167	16.24	9.71	25.95	46.00	-20.05	AVG	
5		1.5833	17.43	9.74	27.17	56.00	-28.83	QP	
6		1.5833	10.24	9.74	19.98	46.00	-26.02	AVG	
7		3.2168	21.30	9.81	31.11	56.00	-24.89	QP	
8		3.2168	14.80	9.81	24.61	46.00	-21.39	AVG	
9		4.9965	21.37	9.98	31.35	56.00	-24.65	QP	
10		4.9965	15.39	9.98	25.37	46.00	-20.63	AVG	
11		12.0863	32.04	10.19	42.23	60.00	-17.77	QP	
12	*	12.0863	24.64	10.19	34.83	50.00	-15.17	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2021/8/5
Test Frequency	-	Phase	Line



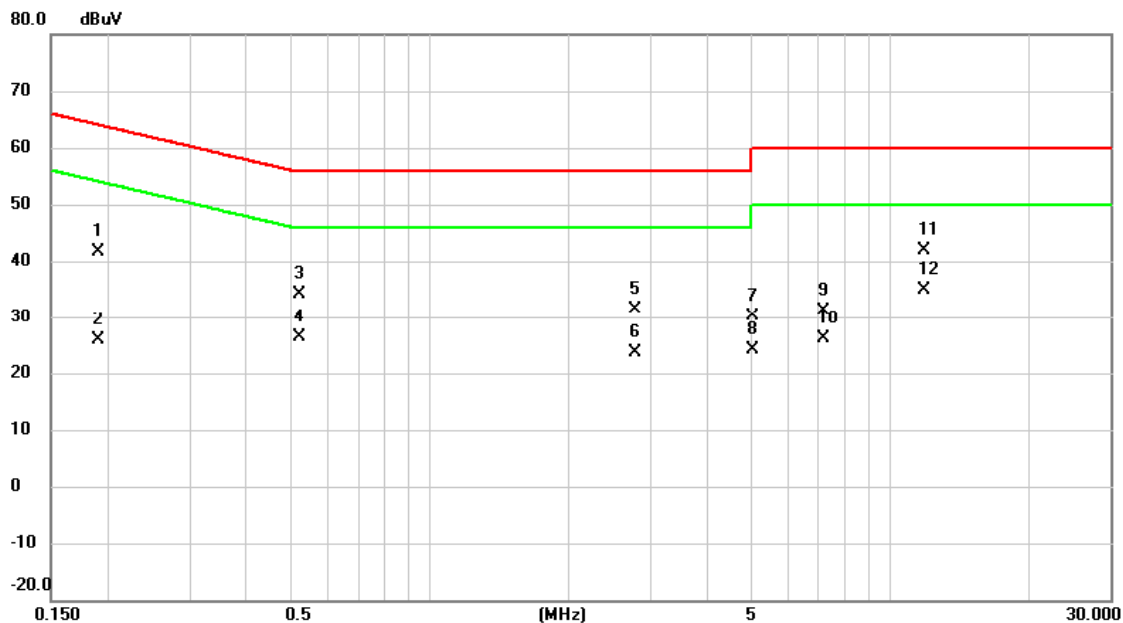
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1883	33.16	9.70	42.86	64.11	-21.25	QP	
2		0.1883	16.79	9.70	26.49	54.11	-27.62	AVG	
3		0.5212	24.92	9.71	34.63	56.00	-21.37	QP	
4		0.5212	18.44	9.71	28.15	46.00	-17.85	AVG	
5		3.2978	14.97	9.83	24.80	56.00	-31.20	QP	
6		3.2978	6.50	9.83	16.33	46.00	-29.67	AVG	
7		5.0280	10.97	9.98	20.95	60.00	-39.05	QP	
8		5.0280	3.70	9.98	13.68	50.00	-36.32	AVG	
9		7.1655	20.45	10.04	30.49	60.00	-29.51	QP	
10		7.1655	14.98	10.04	25.02	50.00	-24.98	AVG	
11		11.8860	32.23	10.16	42.39	60.00	-17.61	QP	
12	*	11.8860	25.15	10.16	35.31	50.00	-14.69	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2021/8/5
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1905	31.91	9.70	41.61	64.01	-22.40	QP	
2		0.1905	16.14	9.70	25.84	54.01	-28.17	AVG	
3		0.5212	24.30	9.71	34.01	56.00	-21.99	QP	
4		0.5212	16.55	9.71	26.26	46.00	-19.74	AVG	
5		2.7848	21.62	9.78	31.40	56.00	-24.60	QP	
6		2.7848	13.83	9.78	23.61	46.00	-22.39	AVG	
7		5.0280	20.16	9.98	30.14	60.00	-29.86	QP	
8		5.0280	14.17	9.98	24.15	50.00	-25.85	AVG	
9		7.1655	21.13	10.05	31.18	60.00	-28.82	QP	
10		7.1655	16.02	10.05	26.07	50.00	-23.93	AVG	
11		11.8860	31.82	10.18	42.00	60.00	-18.00	QP	
12	*	11.8860	24.70	10.18	34.88	50.00	-15.12	AVG	

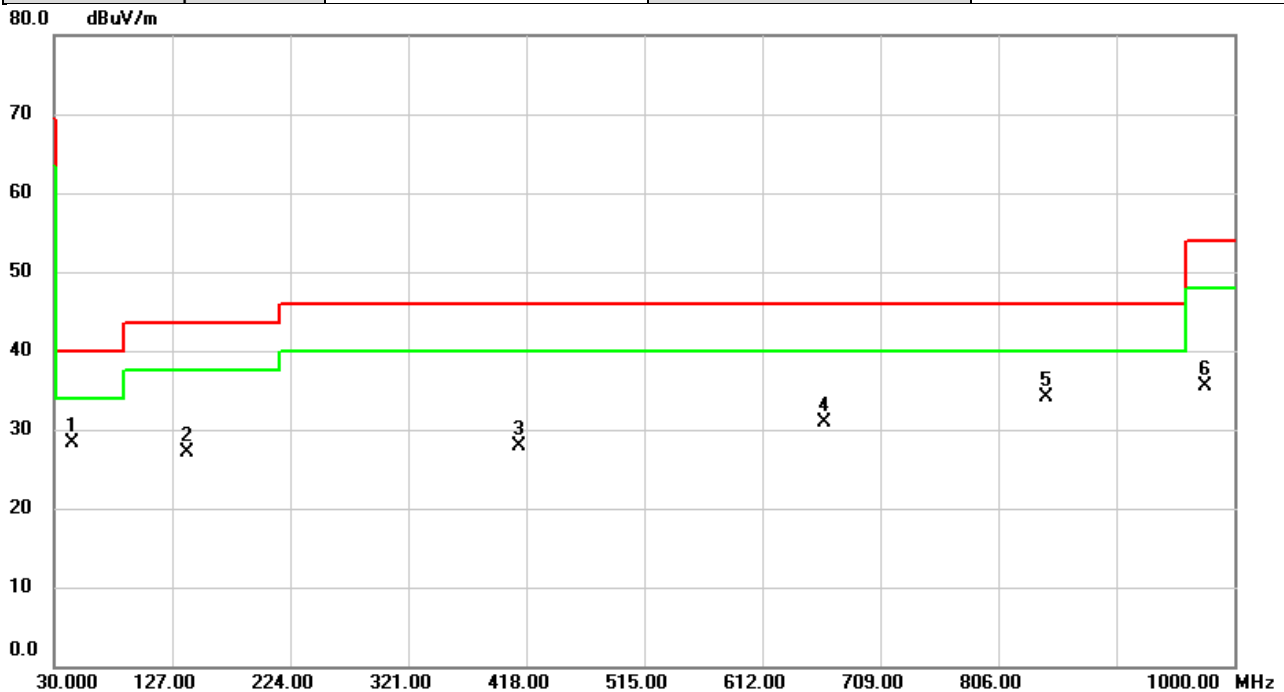
REMARKS:

(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	IEEE802.11ac (VHT40)	Test Date	2021/8/2
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	54%

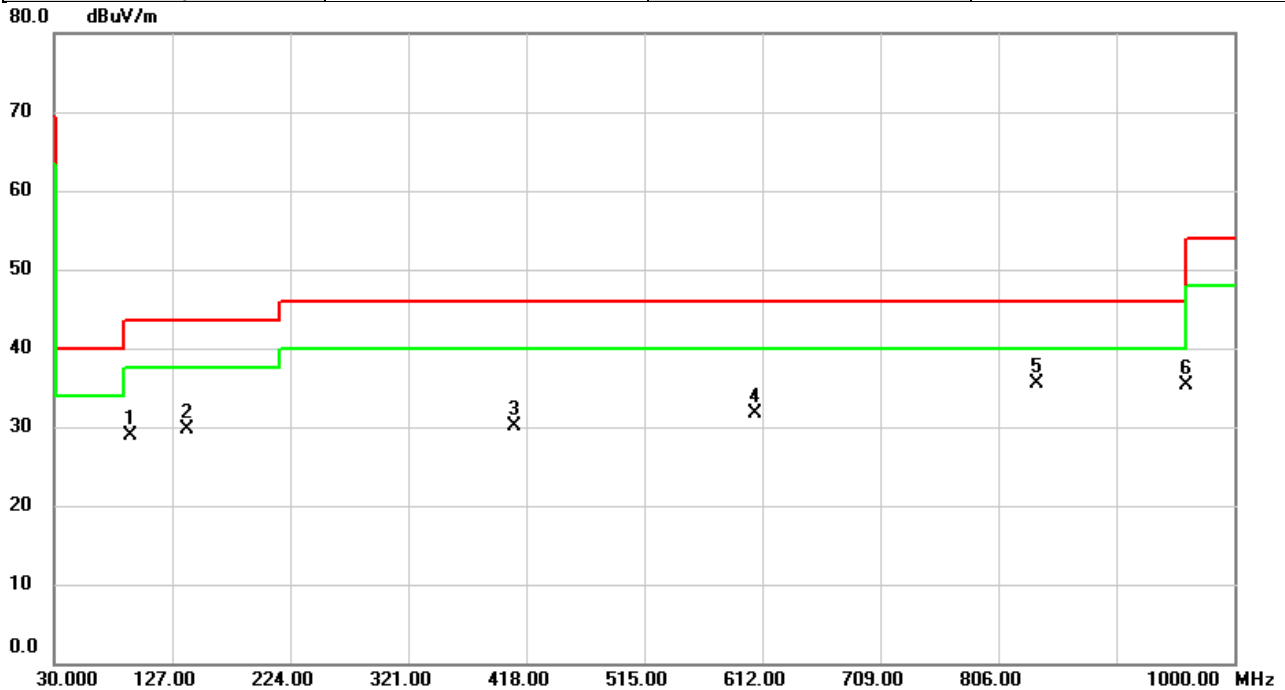


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	44.3237	36.60	-8.26	28.34	40.00	-11.66	peak	
2		139.5130	35.87	-8.67	27.20	43.50	-16.30	peak	
3		412.0183	32.40	-4.54	27.86	46.00	-18.14	peak	
4		663.5070	30.70	0.29	30.99	46.00	-15.01	peak	
5		845.8023	30.89	3.25	34.14	46.00	-11.86	peak	
6		976.2673	30.17	5.28	35.45	54.00	-18.55	peak	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/8/2
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



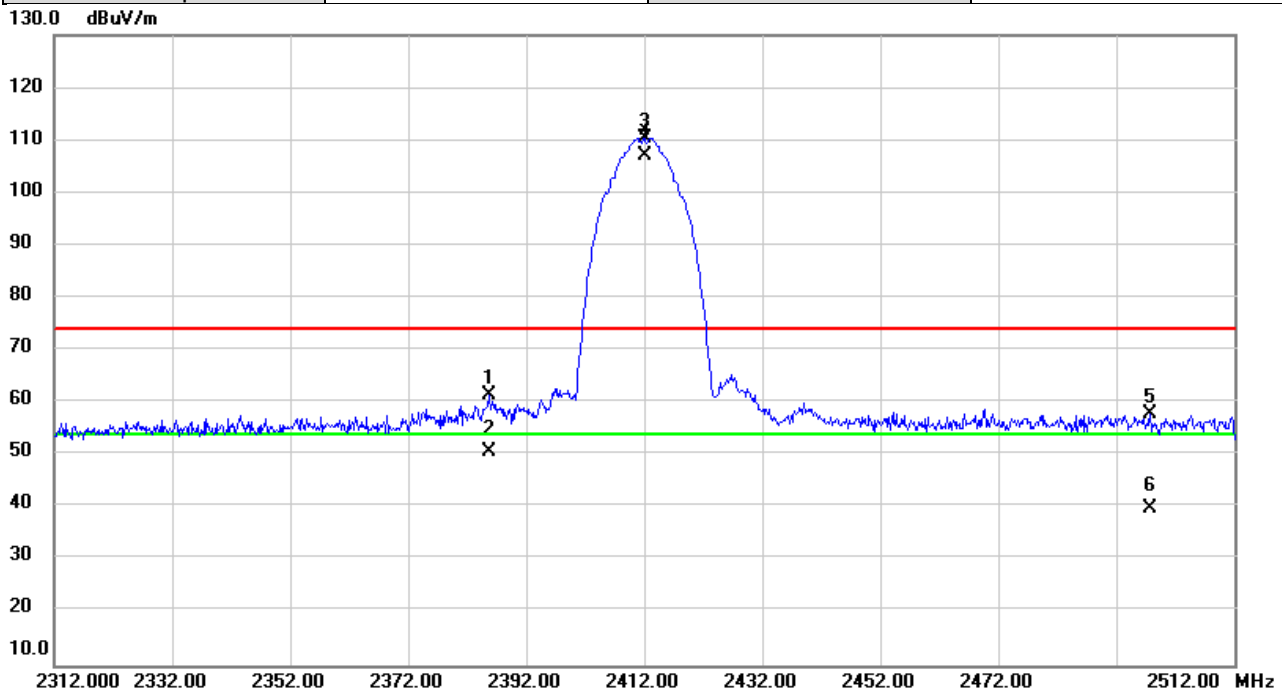
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		92.5003	43.34	-14.40	28.94	43.50	-14.56	peak	
2		139.3513	38.40	-8.68	29.72	43.50	-13.78	peak	
3		408.3000	34.71	-4.61	30.10	46.00	-15.90	peak	
4		605.7596	32.15	-0.39	31.76	46.00	-14.24	peak	
5	*	837.2016	32.40	3.10	35.50	46.00	-10.50	peak	
6		959.9390	30.20	5.10	35.30	46.00	-10.70	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	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



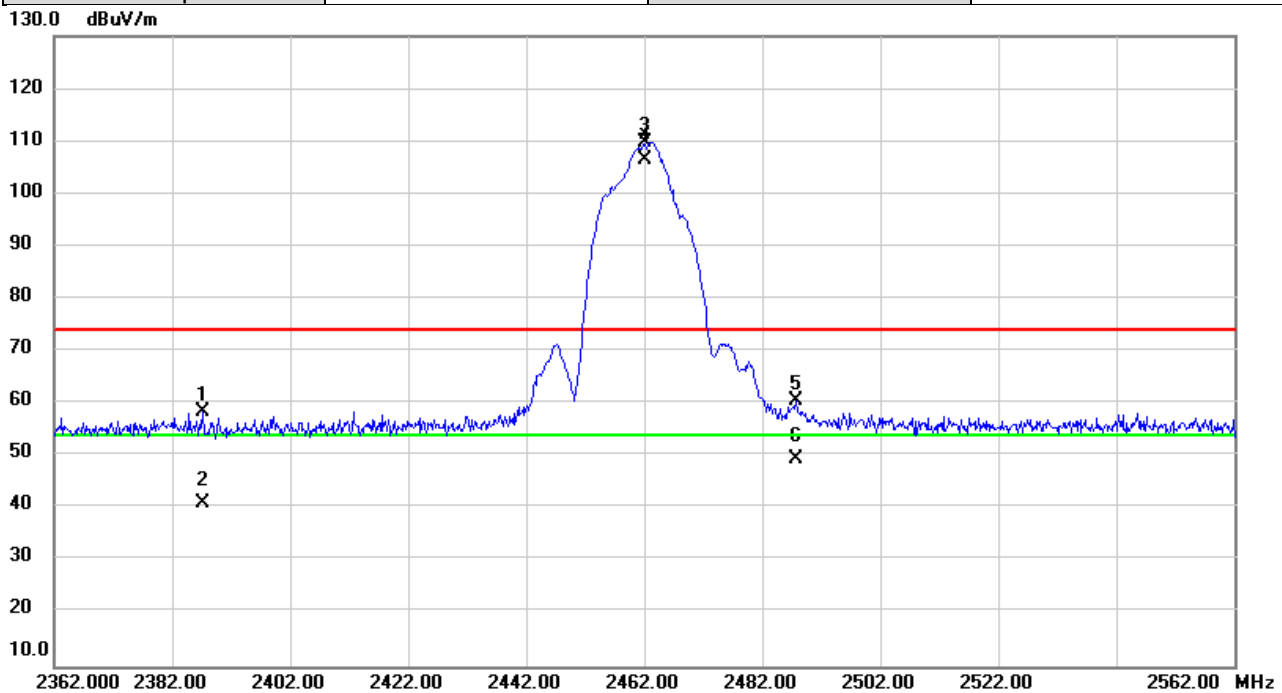
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.793	30.32	31.19	61.51	74.00	-12.49	peak	
2		2385.793	19.56	31.19	50.75	54.00	-3.25	AVG	
3	X	2412.000	79.11	31.28	110.39	74.00	36.39	peak	NoLimit
4	*	2412.000	75.70	31.28	106.98	54.00	52.98	AVG	NoLimit
5		2497.713	26.21	31.56	57.77	74.00	-16.23	peak	
6		2497.713	8.41	31.56	39.97	54.00	-14.03	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

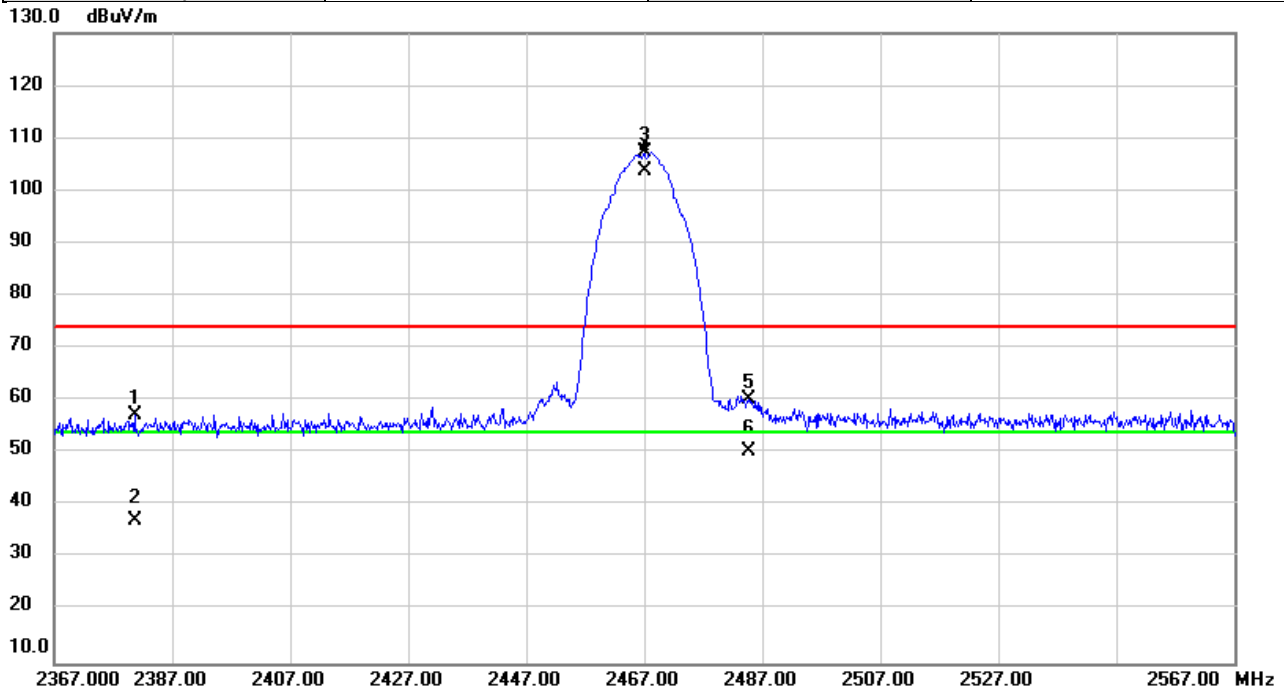


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.313	27.11	31.21	58.32	74.00	-15.68	peak	
2		2387.313	9.86	31.21	41.07	54.00	-12.93	AVG	
3	X	2462.000	78.42	31.44	109.86	74.00	35.86	peak	NoLimit
4	*	2462.000	75.02	31.44	106.46	54.00	52.46	AVG	NoLimit
5		2487.713	28.91	31.53	60.44	74.00	-13.56	peak	
6		2487.713	17.93	31.53	49.46	54.00	-4.54	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



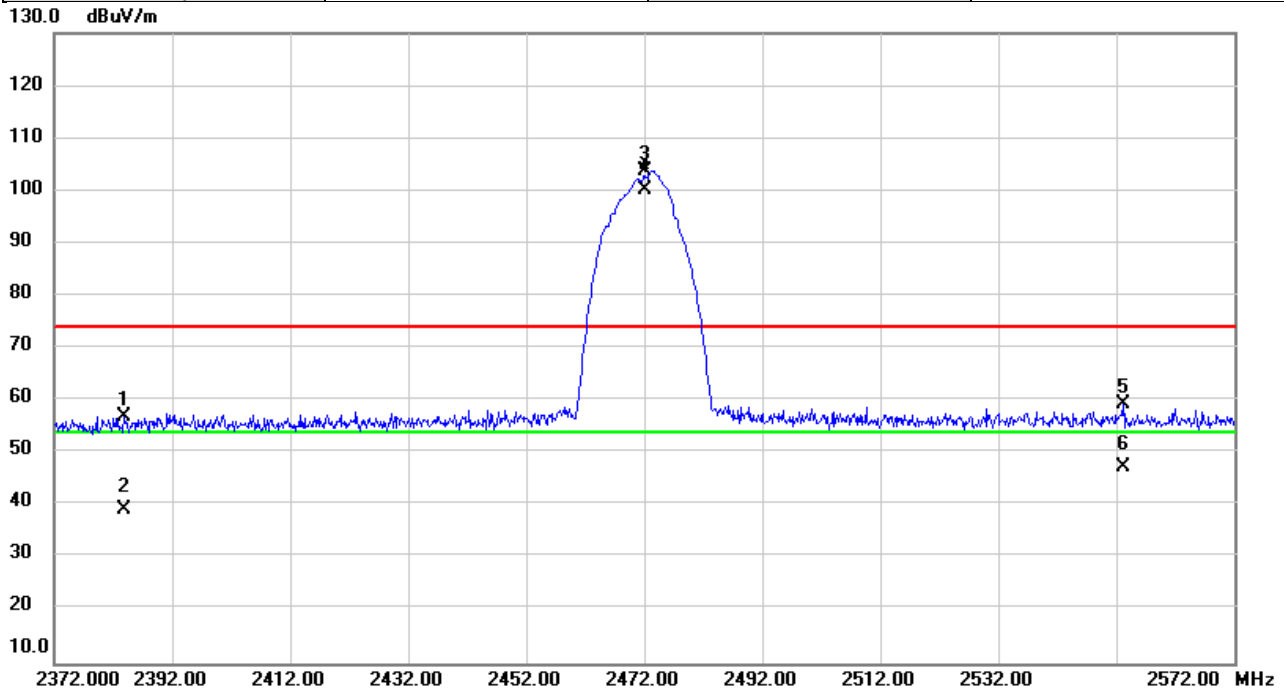
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2380.700	26.06	31.18	57.24	74.00	-16.76	peak	
2		2380.700	6.07	31.18	37.25	54.00	-16.75	AVG	
3	X	2467.000	75.77	31.46	107.23	74.00	33.23	peak	NoLimit
4	*	2467.000	72.25	31.46	103.71	54.00	49.71	AVG	NoLimit
5		2484.773	28.65	31.52	60.17	74.00	-13.83	peak	
6		2484.773	18.76	31.52	50.28	54.00	-3.72	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

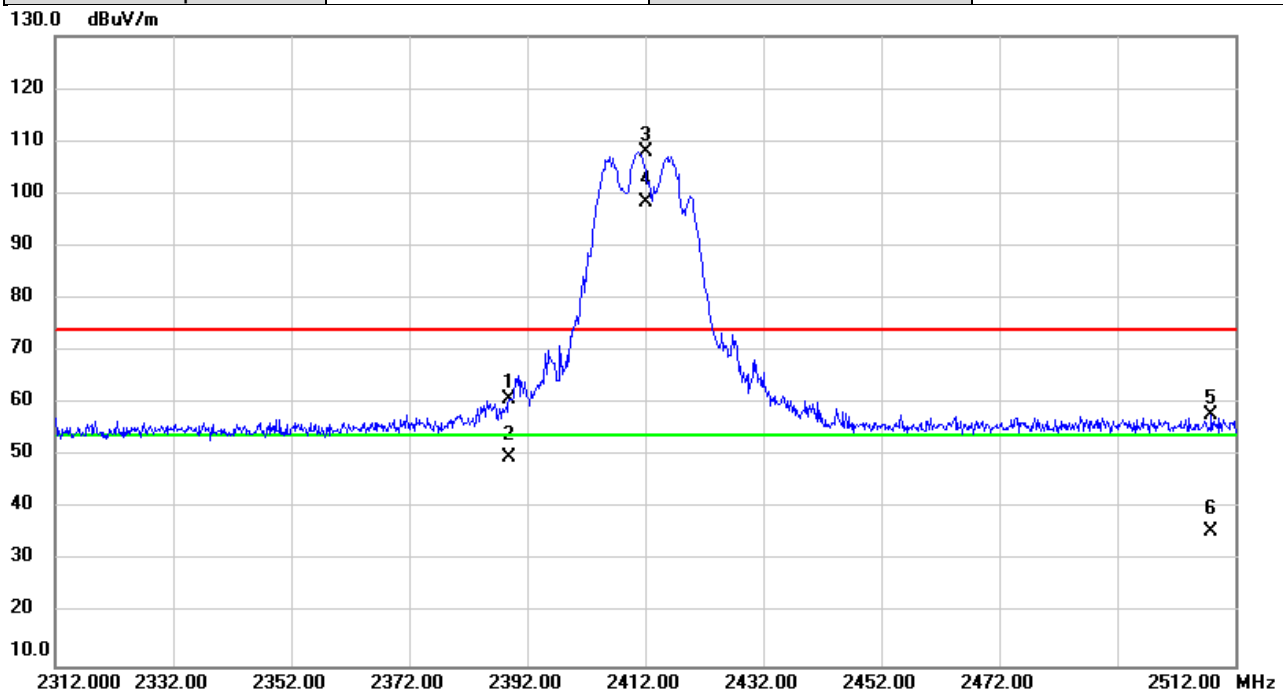


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2383.860	25.86	31.19	57.05	74.00	-16.95	peak	
2		2383.860	7.97	31.19	39.16	54.00	-14.84	AVG	
3	X	2472.000	72.21	31.48	103.69	74.00	29.69	peak	NoLimit
4	*	2472.000	68.62	31.48	100.10	54.00	46.10	AVG	NoLimit
5		2553.153	27.76	31.72	59.48	74.00	-14.52	peak	
6		2553.153	15.68	31.72	47.40	54.00	-6.60	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



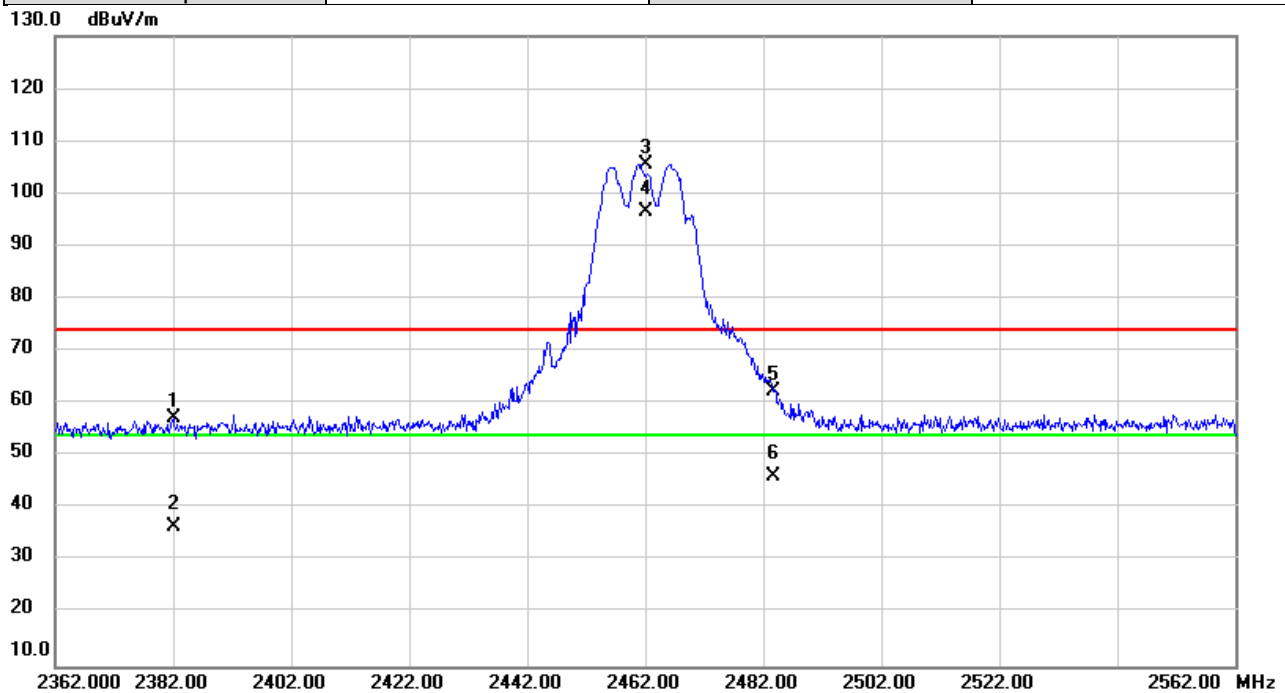
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.820	29.77	31.21	60.98	74.00	-13.02	peak	
2		2388.820	18.40	31.21	49.61	54.00	-4.39	AVG	
3	X	2412.000	76.80	31.28	108.08	74.00	34.08	peak	NoLimit
4	*	2412.000	67.15	31.28	98.43	54.00	44.43	AVG	NoLimit
5		2507.873	26.11	31.60	57.71	74.00	-16.29	peak	
6		2507.873	4.18	31.60	35.78	54.00	-18.22	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



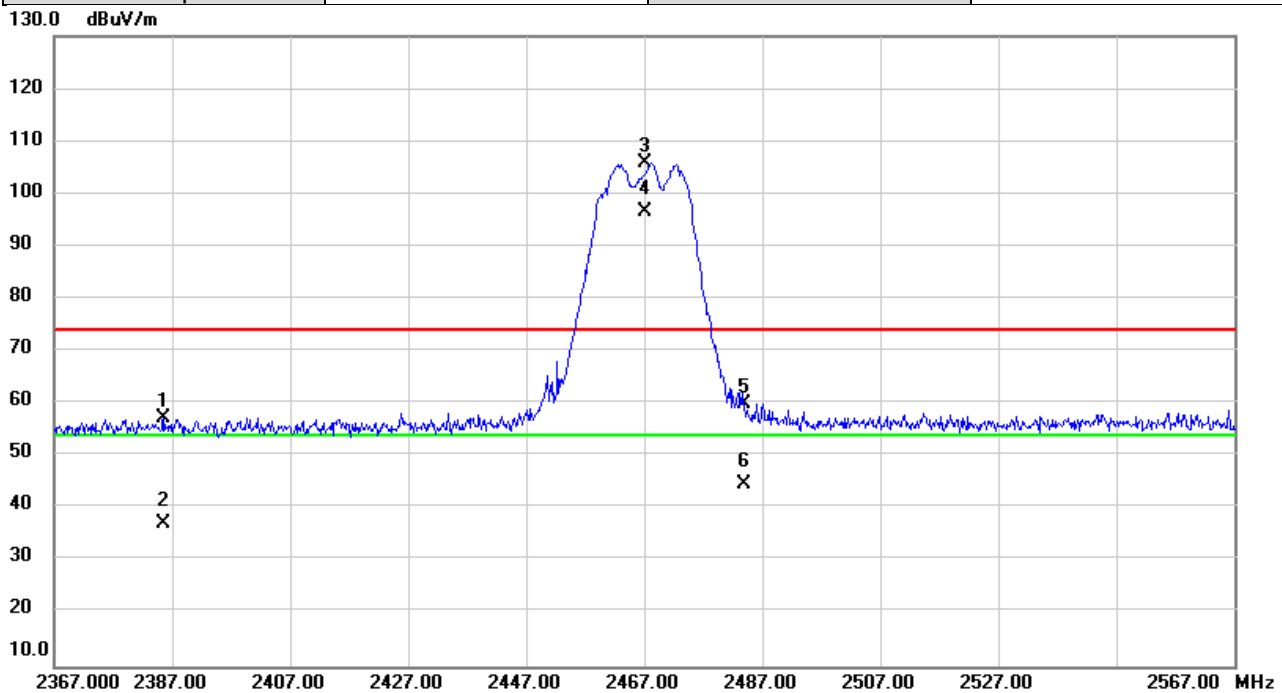
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2382.153	26.11	31.18	57.29	74.00	-16.71	peak	
2		2382.153	5.42	31.18	36.60	54.00	-17.40	AVG	
3	X	2462.000	74.26	31.44	105.70	74.00	31.70	peak	NoLimit
4	*	2462.000	64.99	31.44	96.43	54.00	42.43	AVG	NoLimit
5		2483.653	30.87	31.52	62.39	74.00	-11.61	peak	
6		2483.653	14.72	31.52	46.24	54.00	-7.76	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



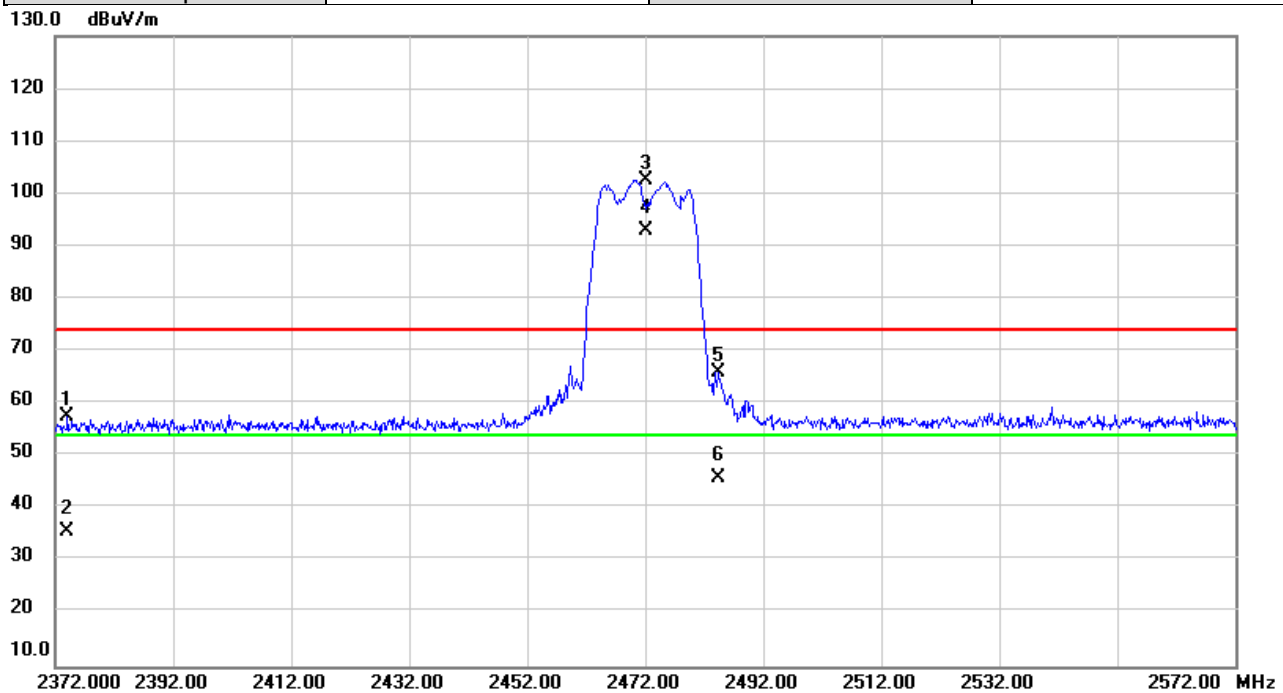
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.633	25.99	31.19	57.18	74.00	-16.82	peak	
2		2385.633	5.90	31.19	37.09	54.00	-16.91	AVG	
3	X	2467.000	74.42	31.46	105.88	74.00	31.88	peak	NoLimit
4	*	2467.000	65.07	31.46	96.53	54.00	42.53	AVG	NoLimit
5		2483.800	28.44	31.52	59.96	74.00	-14.04	peak	
6		2483.800	13.27	31.52	44.79	54.00	-9.21	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



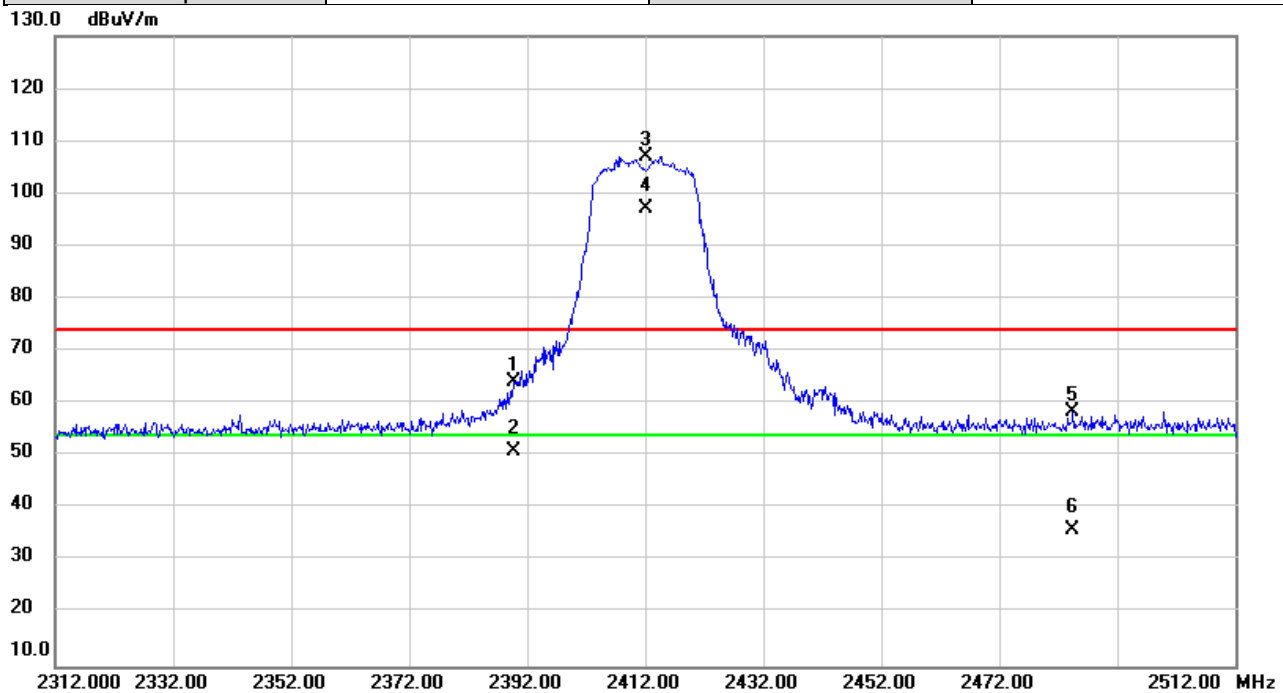
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2374.073	26.27	31.16	57.43	74.00	-16.57	peak	
2		2374.073	4.62	31.16	35.78	54.00	-18.22	AVG	
3	X	2472.000	71.05	31.48	102.53	74.00	28.53	peak	NoLimit
4	*	2472.000	61.52	31.48	93.00	54.00	39.00	AVG	NoLimit
5		2484.347	34.36	31.52	65.88	74.00	-8.12	peak	
6		2484.347	14.33	31.52	45.85	54.00	-8.15	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



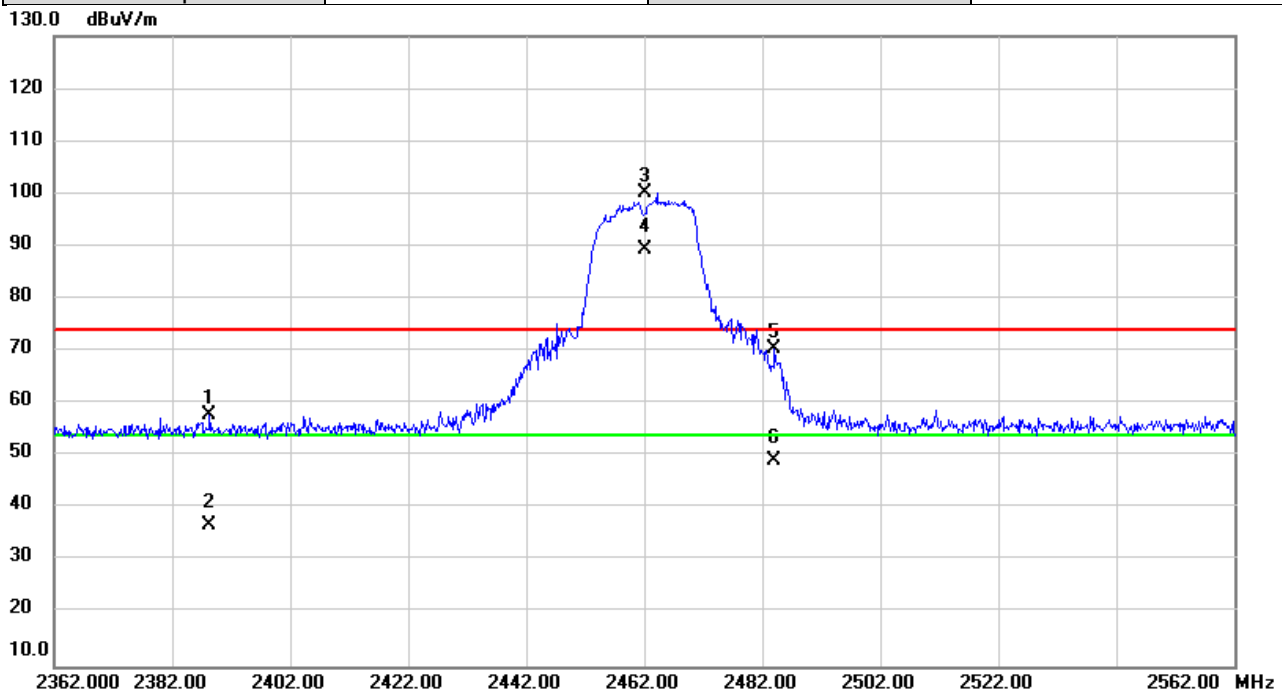
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.700	32.88	31.21	64.09	74.00	-9.91	peak	
2		2389.700	19.86	31.21	51.07	54.00	-2.93	AVG	
3	X	2412.000	75.73	31.28	107.01	74.00	33.01	peak	NoLimit
4	*	2412.000	65.81	31.28	97.09	54.00	43.09	AVG	NoLimit
5		2484.513	26.93	31.52	58.45	74.00	-15.55	peak	
6		2484.513	4.46	31.52	35.98	54.00	-18.02	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



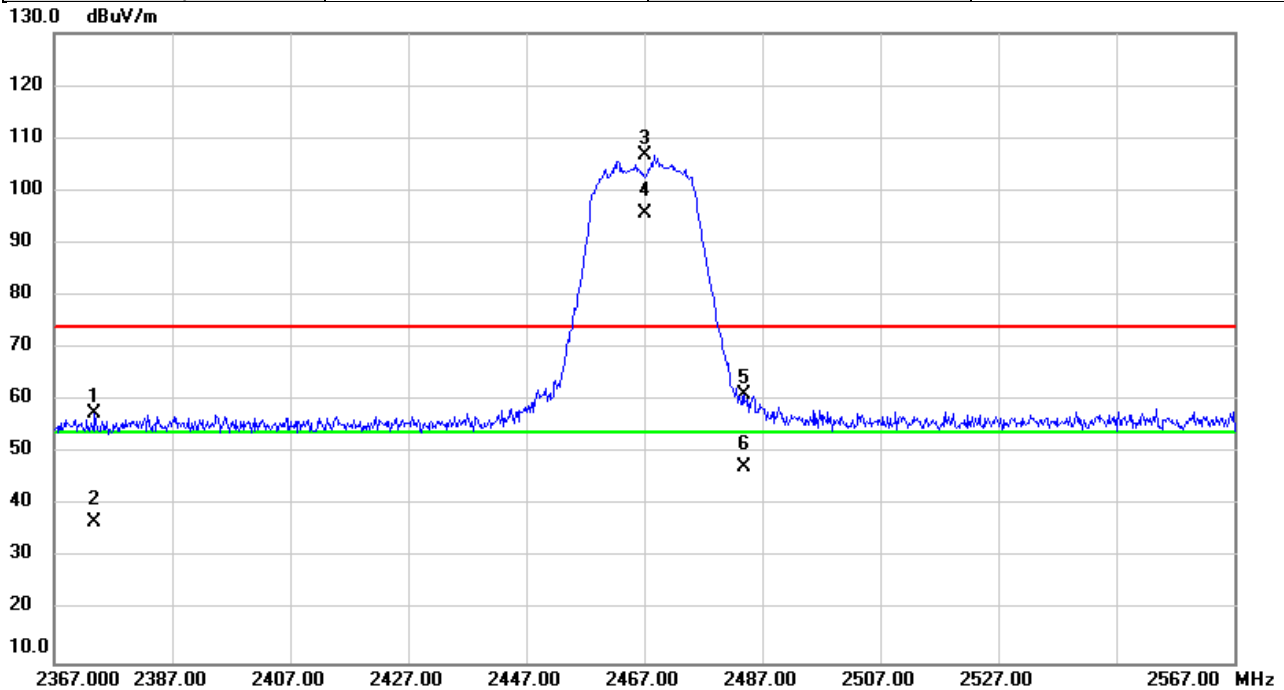
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.353	26.56	31.21	57.77	74.00	-16.23	peak	
2		2388.353	5.50	31.21	36.71	54.00	-17.29	AVG	
3	X	2462.000	68.73	31.44	100.17	74.00	26.17	peak	NoLimit
4	*	2462.000	57.93	31.44	89.37	54.00	35.37	AVG	NoLimit
5		2484.047	39.00	31.52	70.52	74.00	-3.48	peak	
6		2484.047	17.57	31.52	49.09	54.00	-4.91	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

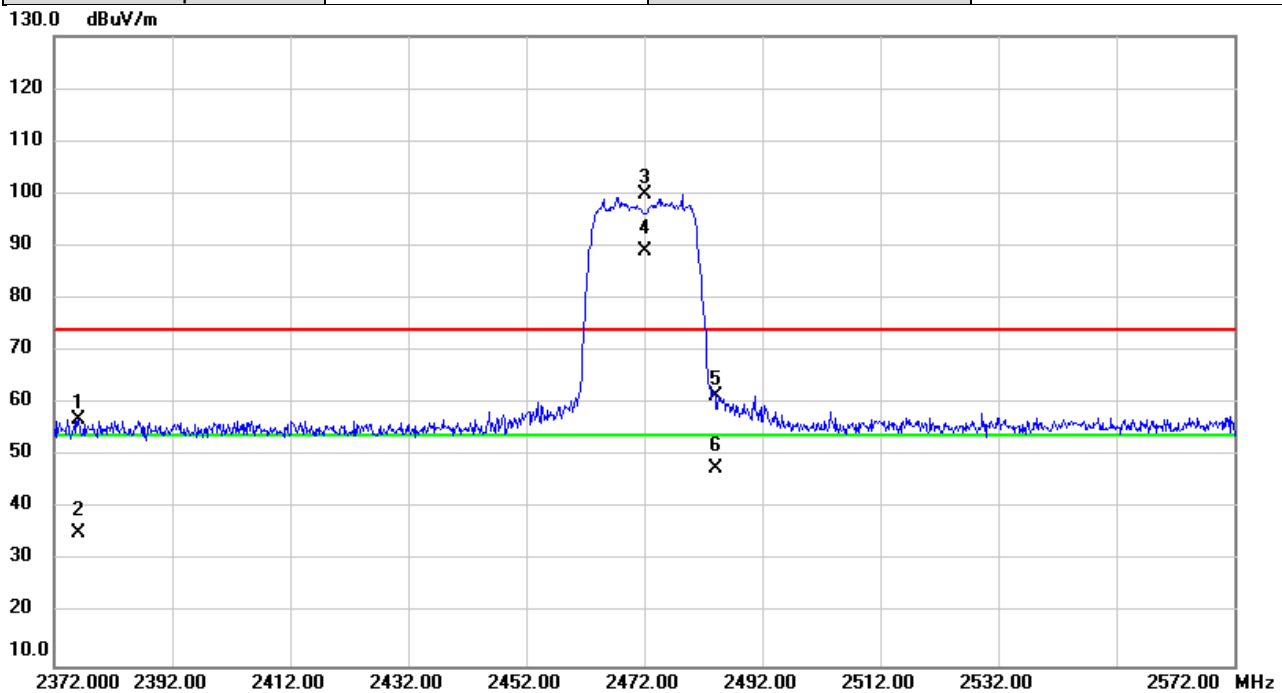


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2373.827	26.34	31.16	57.50	74.00	-16.50	peak	
2		2373.827	5.58	31.16	36.74	54.00	-17.26	AVG	
3	X	2467.000	75.20	31.46	106.66	74.00	32.66	peak	NoLimit
4	*	2467.000	64.34	31.46	95.80	54.00	41.80	AVG	NoLimit
5		2483.980	29.57	31.52	61.09	74.00	-12.91	peak	
6		2483.980	15.98	31.52	47.50	54.00	-6.50	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

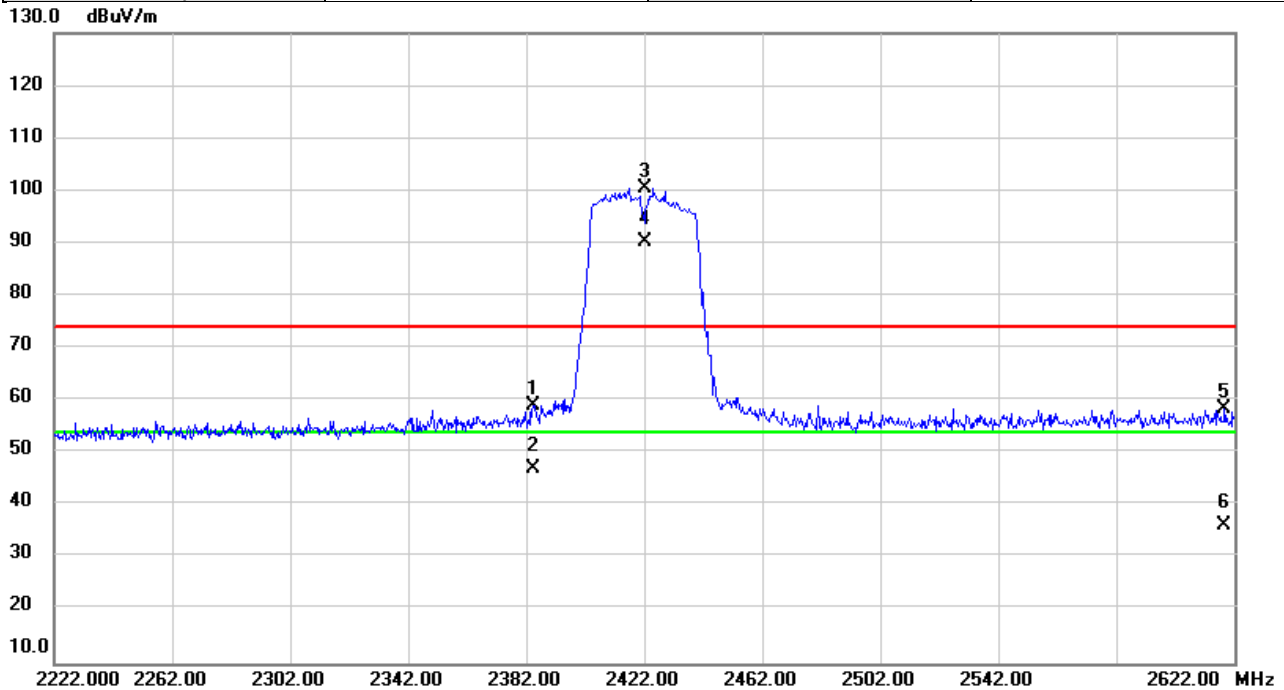


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2376.000	25.81	31.17	56.98	74.00	-17.02	peak	
2		2376.000	4.03	31.17	35.20	54.00	-18.80	AVG	
3	X	2472.000	68.29	31.48	99.77	74.00	25.77	peak	NoLimit
4	*	2472.000	57.63	31.48	89.11	54.00	35.11	AVG	NoLimit
5		2484.053	30.04	31.52	61.56	74.00	-12.44	peak	
6		2484.053	16.09	31.52	47.61	54.00	-6.39	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



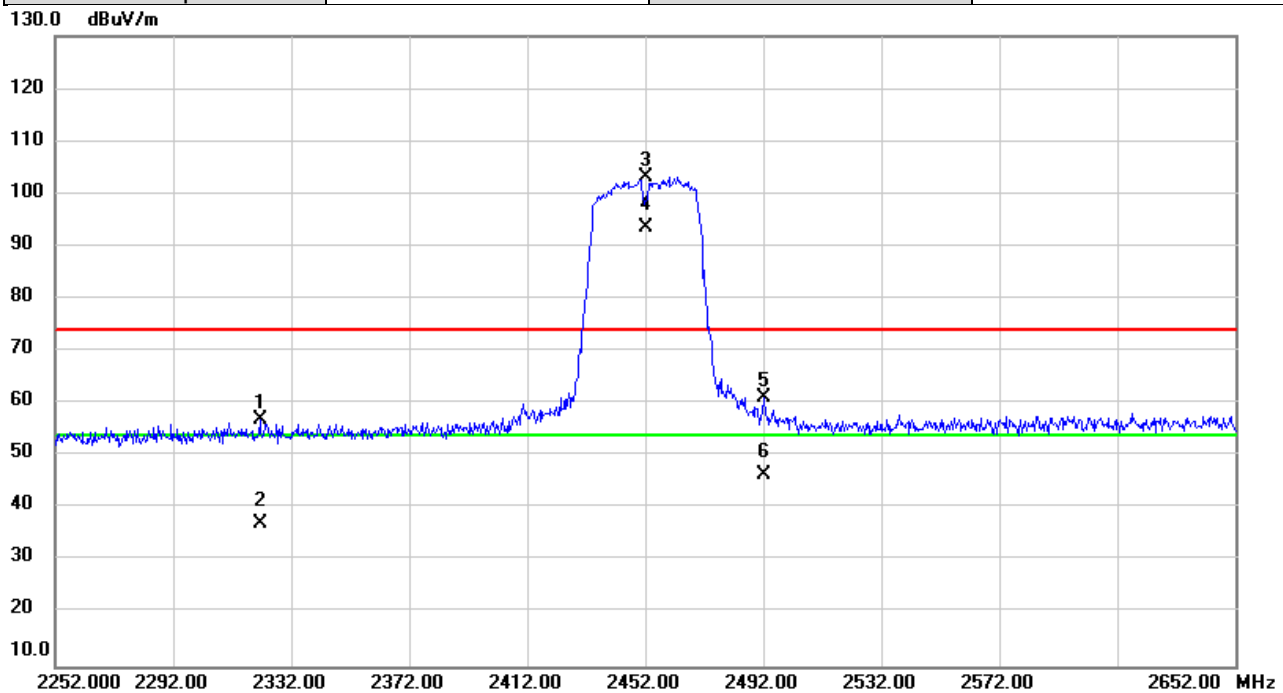
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2384.560	27.96	31.19	59.15	74.00	-14.85	peak	
2		2384.560	15.85	31.19	47.04	54.00	-6.96	AVG	
3	X	2422.000	69.20	31.32	100.52	74.00	26.52	peak	NoLimit
4	*	2422.000	58.81	31.32	90.13	54.00	36.13	AVG	NoLimit
5		2618.613	26.61	31.91	58.52	74.00	-15.48	peak	
6		2618.613	4.27	31.91	36.18	54.00	-17.82	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

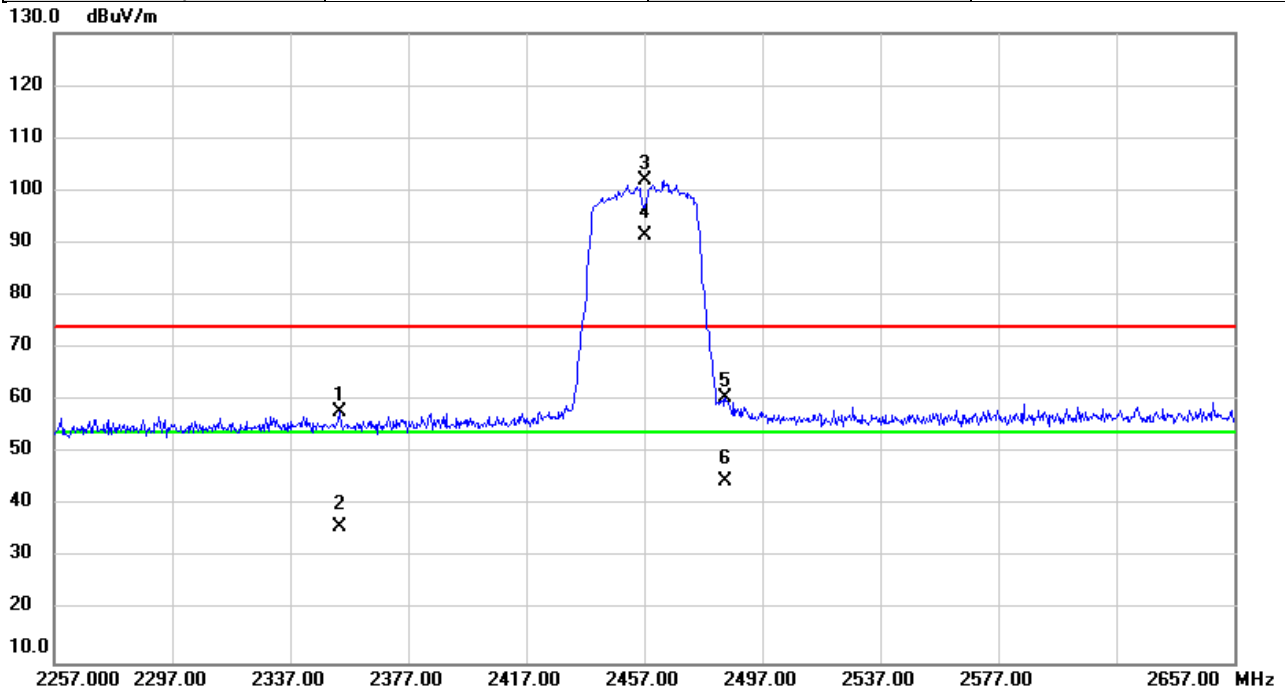


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2321.347	26.05	30.99	57.04	74.00	-16.96	peak	
2		2321.347	6.06	30.99	37.05	54.00	-16.95	AVG	
3	X	2452.000	71.73	31.42	103.15	74.00	29.15	peak	NoLimit
4	*	2452.000	62.21	31.42	93.63	54.00	39.63	AVG	NoLimit
5		2492.387	29.54	31.54	61.08	74.00	-12.92	peak	
6		2492.387	14.77	31.54	46.31	54.00	-7.69	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

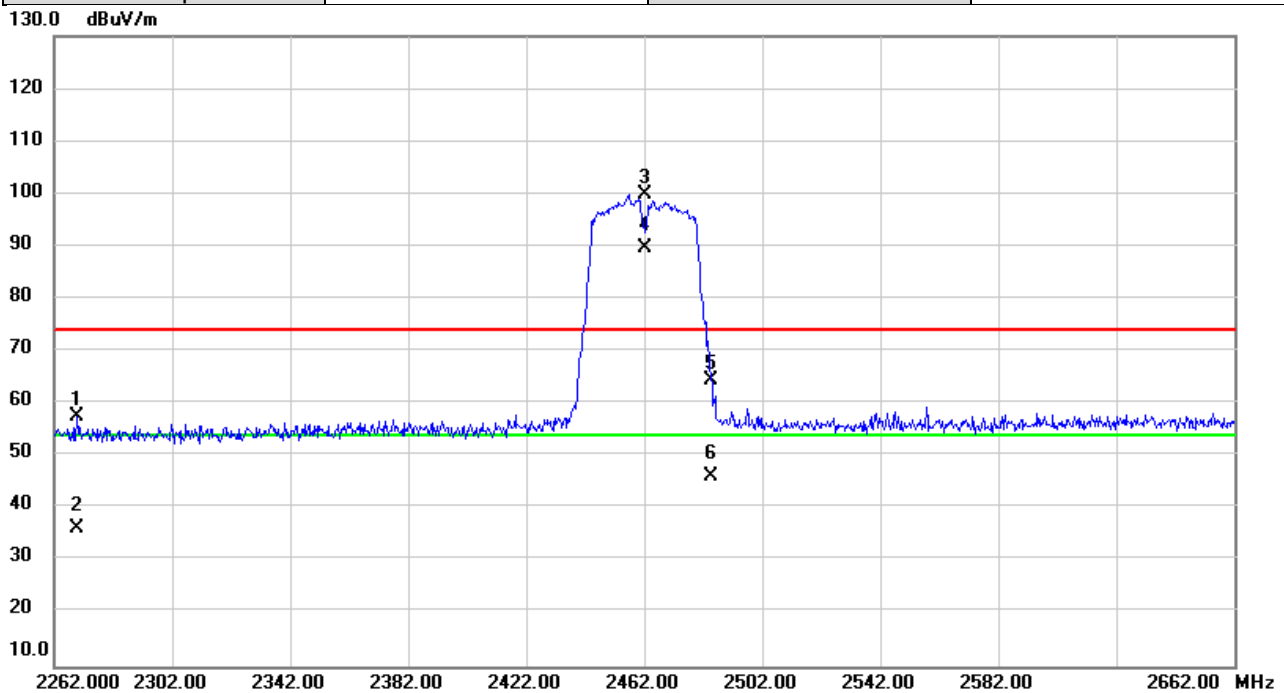


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2353.800	26.82	31.09	57.91	74.00	-16.09	peak	
2		2353.800	4.96	31.09	36.05	54.00	-17.95	AVG	
3	X	2457.000	70.44	31.43	101.87	74.00	27.87	peak	NoLimit
4	*	2457.000	59.97	31.43	91.40	54.00	37.40	AVG	NoLimit
5		2484.587	28.91	31.52	60.43	74.00	-13.57	peak	
6		2484.587	13.05	31.52	44.57	54.00	-9.43	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



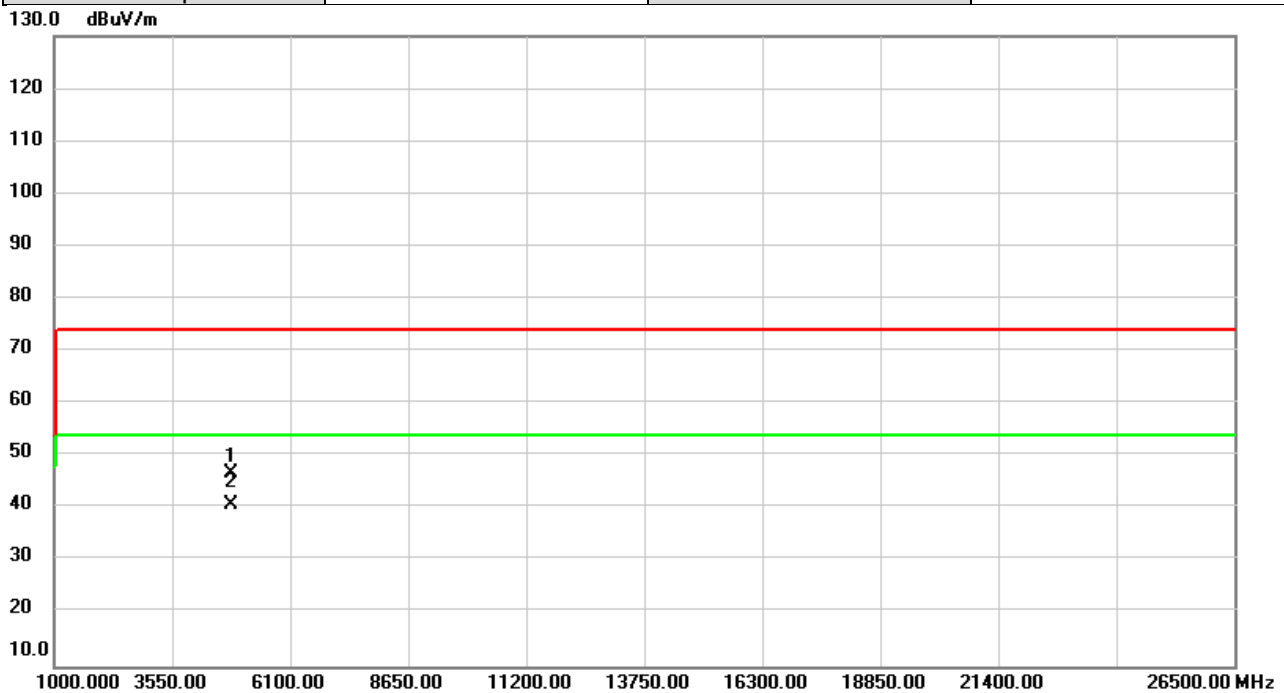
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2269.880	26.59	30.82	57.41	74.00	-16.59	peak	
2		2269.980	5.41	30.82	36.23	54.00	-17.77	AVG	
3	X	2462.000	68.37	31.44	99.81	74.00	25.81	peak	NoLimit
4	*	2462.000	58.13	31.44	89.57	54.00	35.57	AVG	NoLimit
5		2484.547	33.07	31.52	64.59	74.00	-9.41	peak	
6		2484.547	14.68	31.52	46.20	54.00	-7.80	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



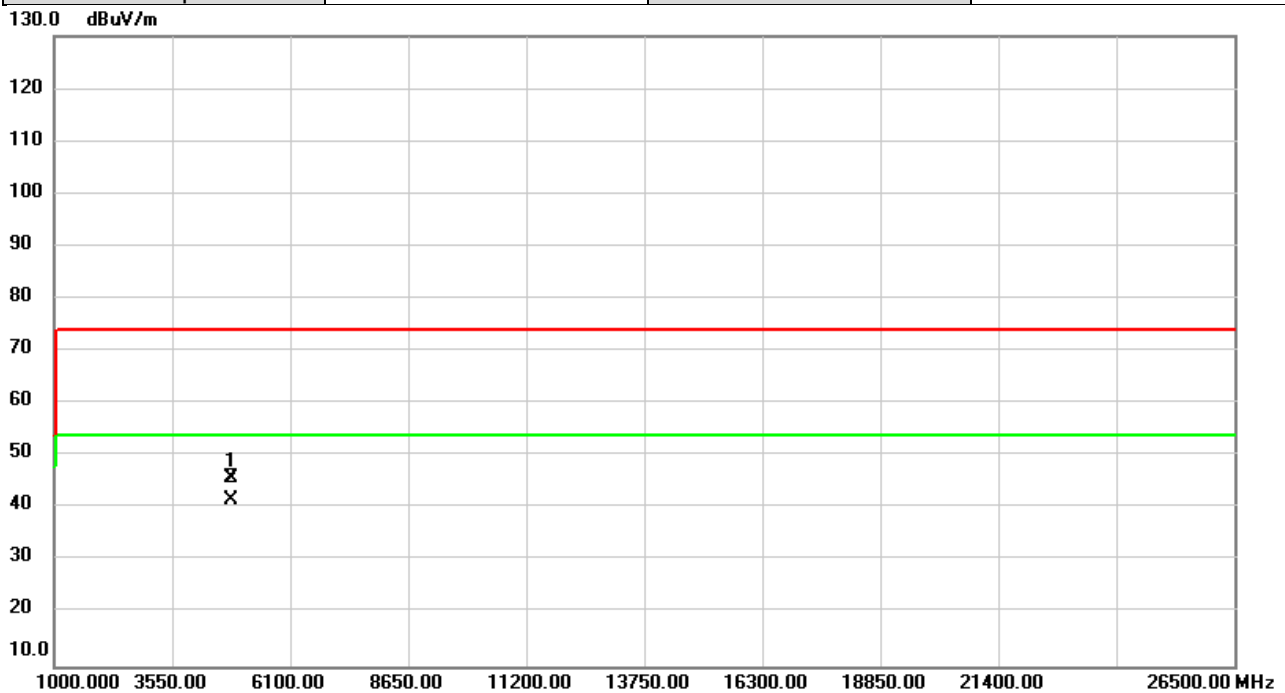
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	56.53	-9.83	46.70	74.00	-27.30	peak	
2	*	4824.000	50.54	-9.83	40.71	54.00	-13.29	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

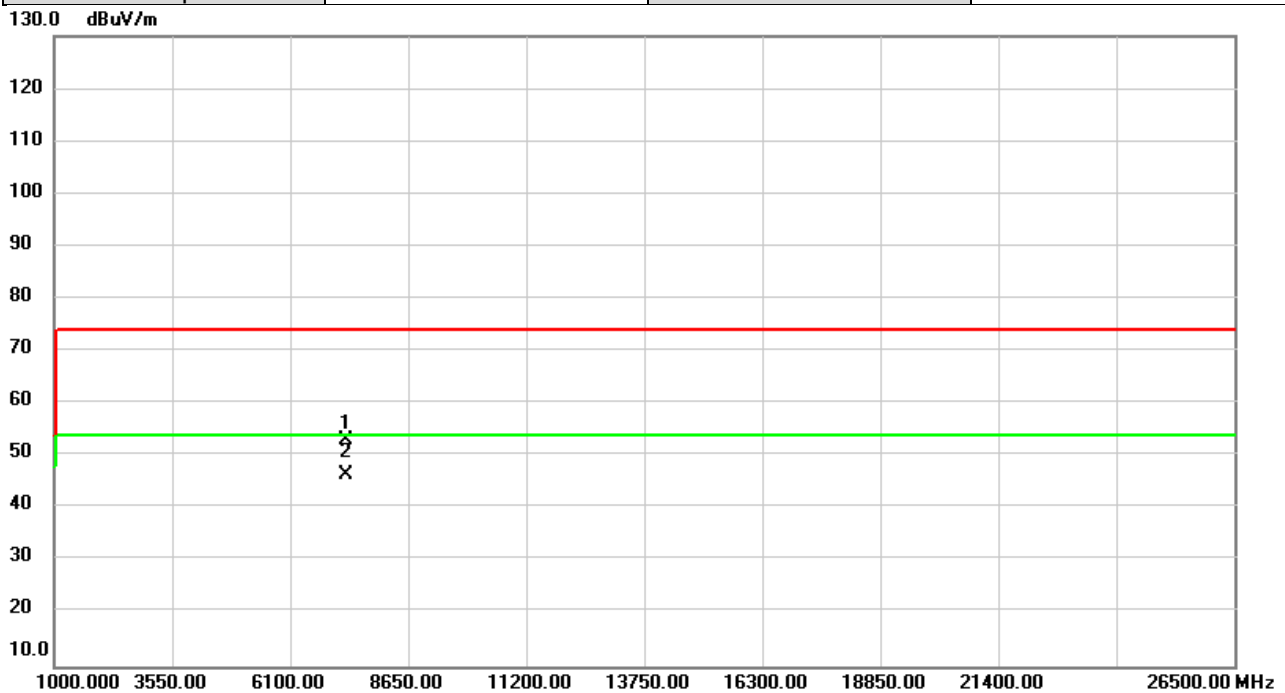


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	55.57	-9.83	45.74	74.00	-28.26	peak	
2	*	4824.000	51.53	-9.83	41.70	54.00	-12.30	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



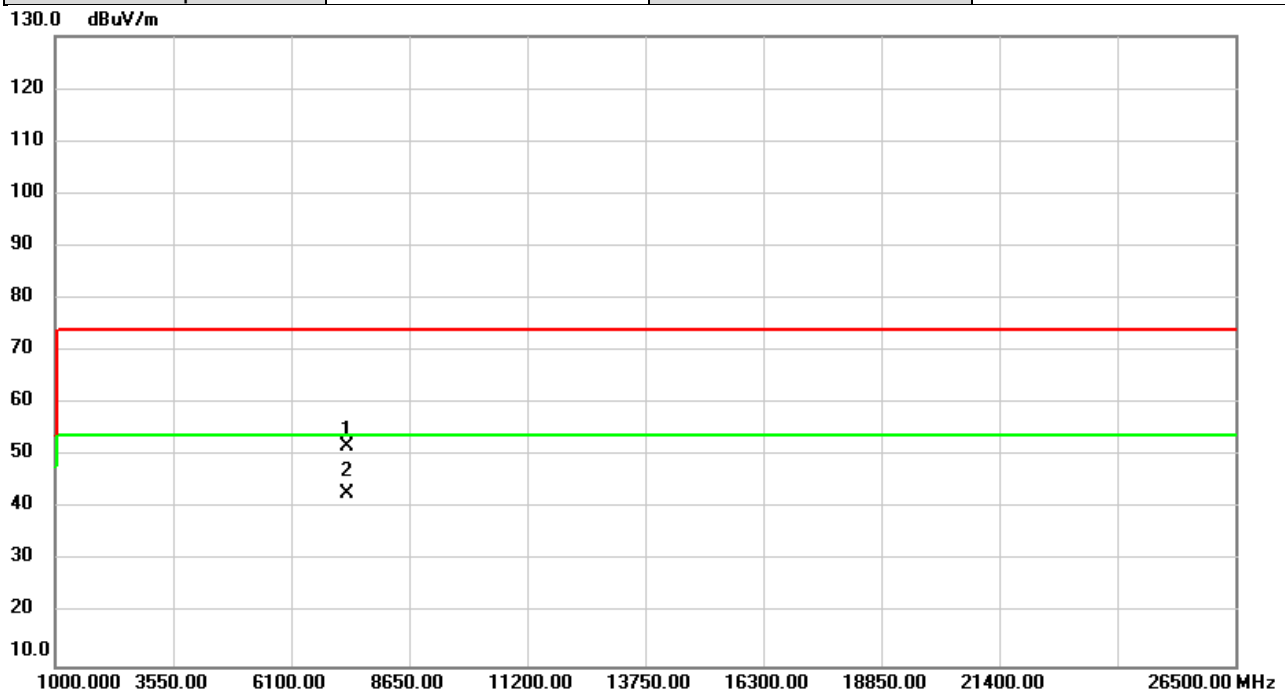
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7311.000	55.91	-2.80	53.11	74.00	-20.89	peak	
2	*	7311.000	49.18	-2.80	46.38	54.00	-7.62	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



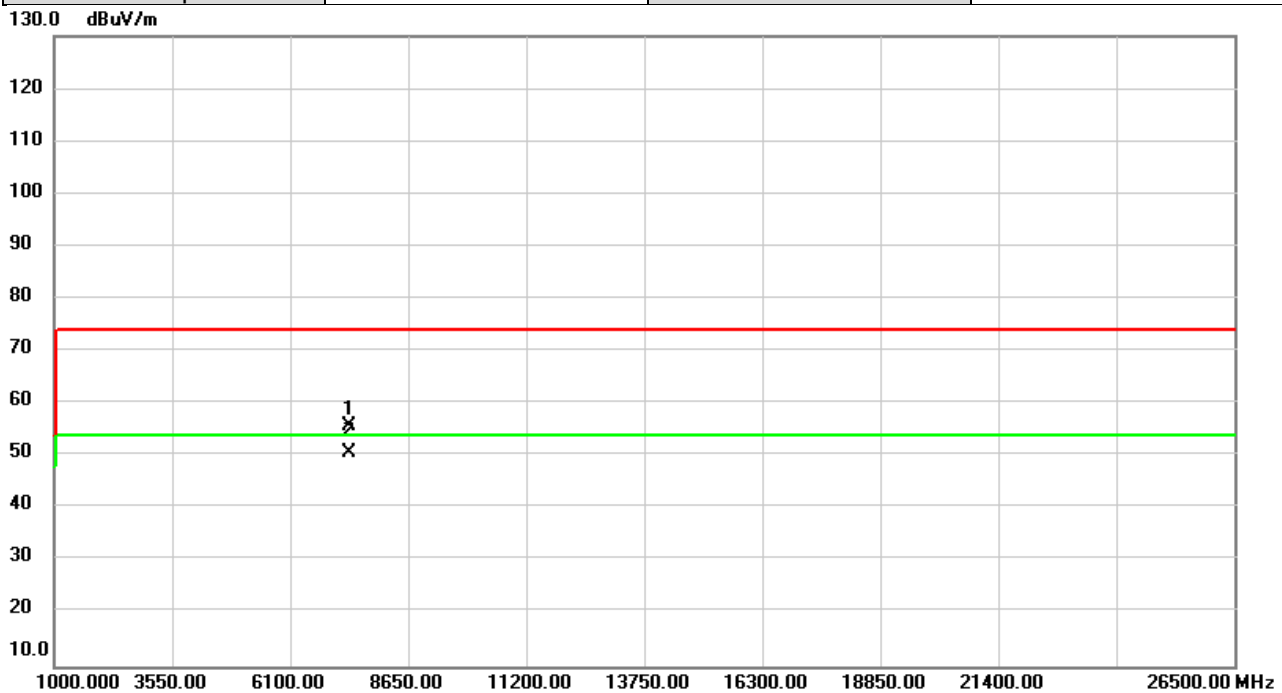
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7311.000	54.50	-2.80	51.70	74.00	-22.30	peak	
2	*	7311.000	45.67	-2.80	42.87	54.00	-11.13	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



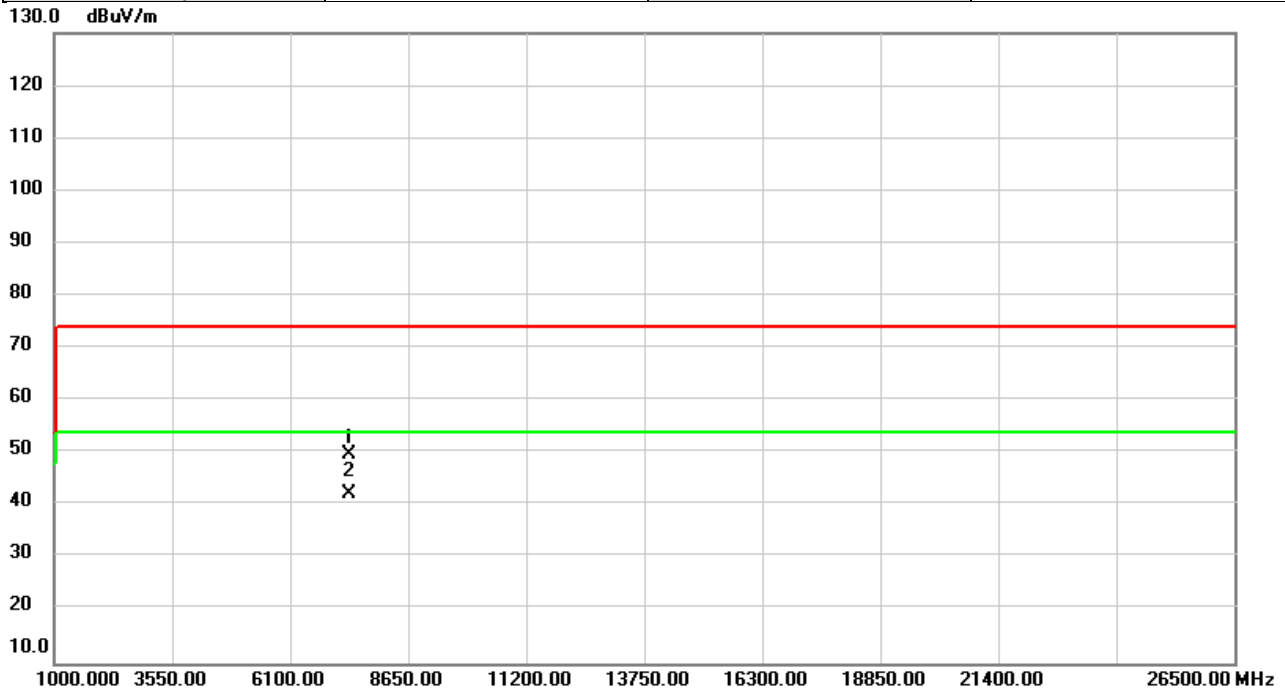
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7386.000	58.32	-2.44	55.88	74.00	-18.12	peak	
2	*	7386.000	53.21	-2.44	50.77	54.00	-3.23	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

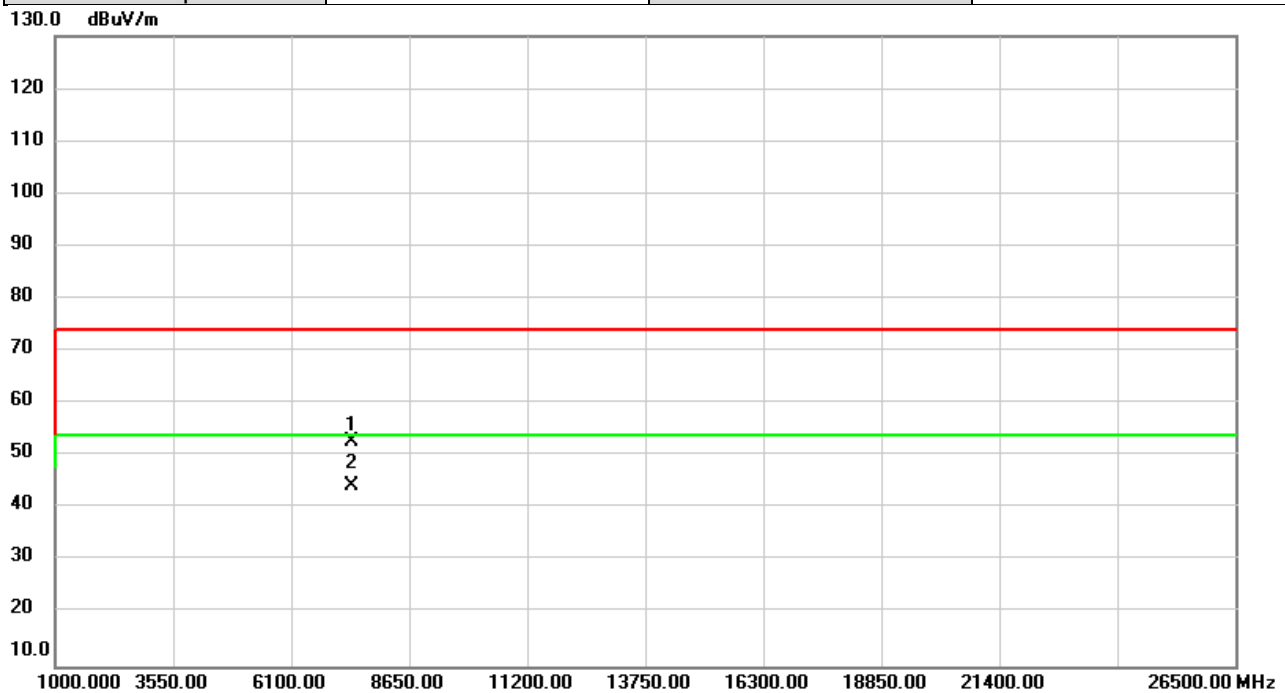


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7386.000	52.31	-2.44	49.87	74.00	-24.13	peak	
2	*	7386.000	44.81	-2.44	42.37	54.00	-11.63	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



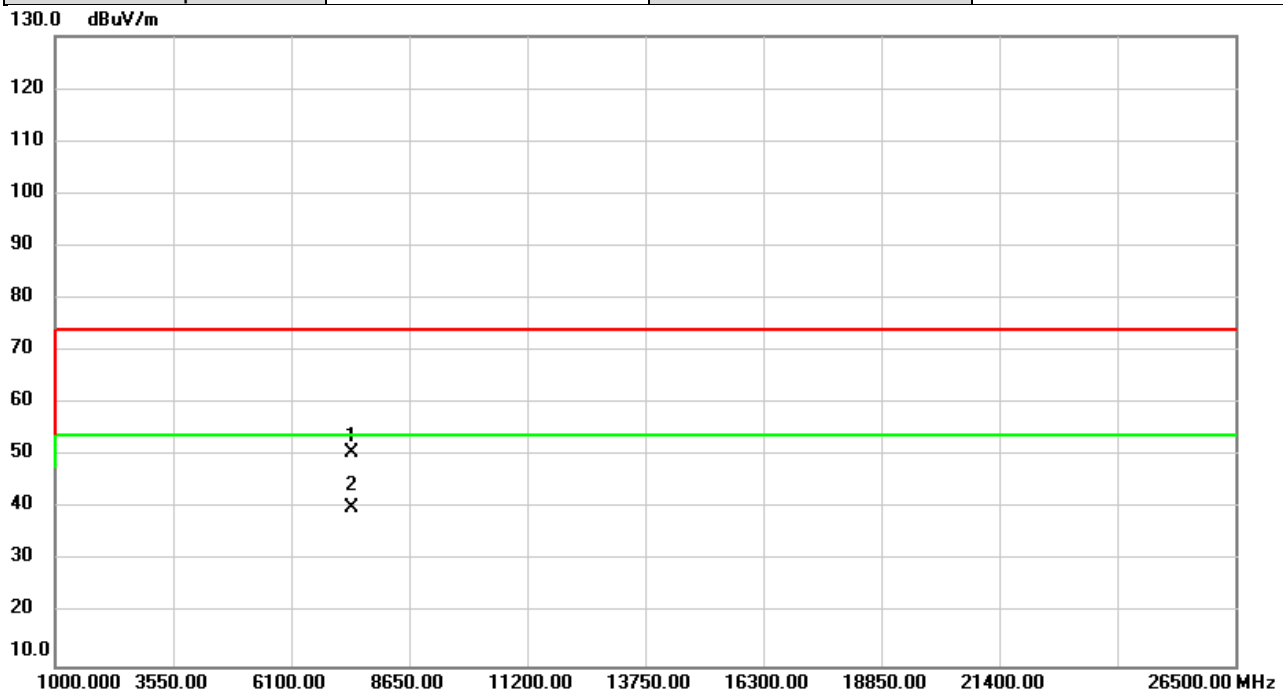
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7401.000	55.01	-2.37	52.64	74.00	-21.36	peak	
2	*	7401.000	46.74	-2.37	44.37	54.00	-9.63	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



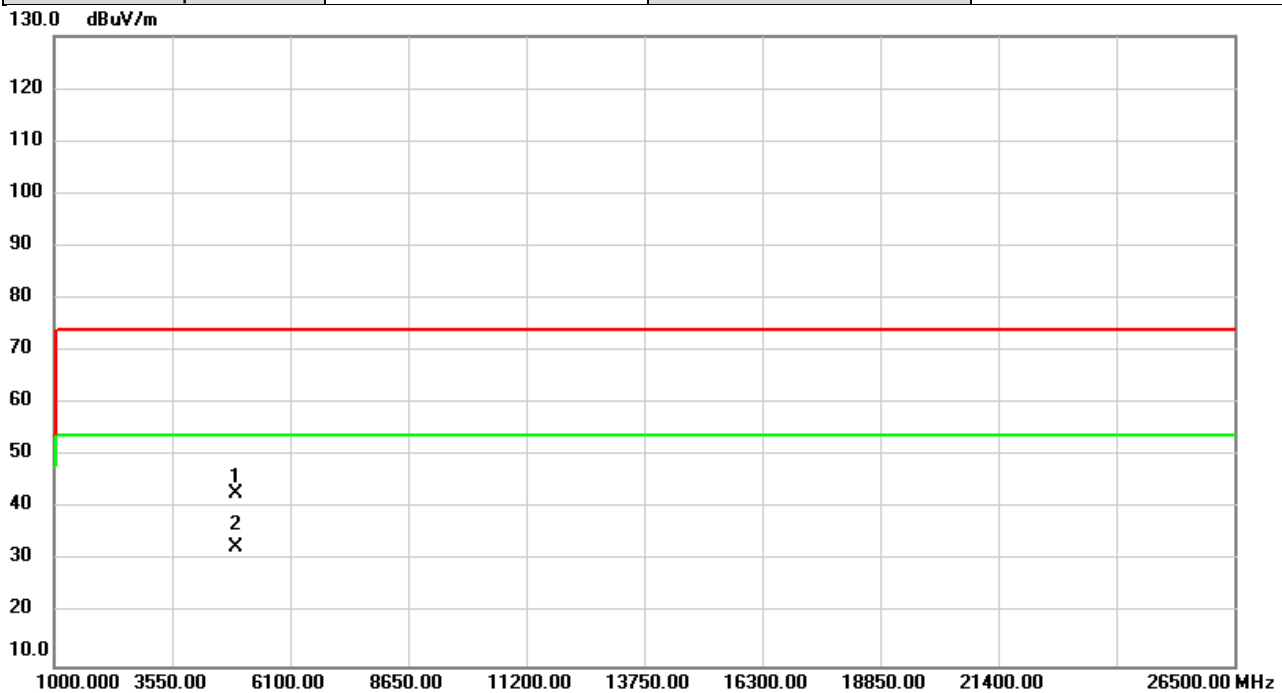
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7401.000	53.05	-2.37	50.68	74.00	-23.32	peak	
2	*	7401.000	42.39	-2.37	40.02	54.00	-13.98	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



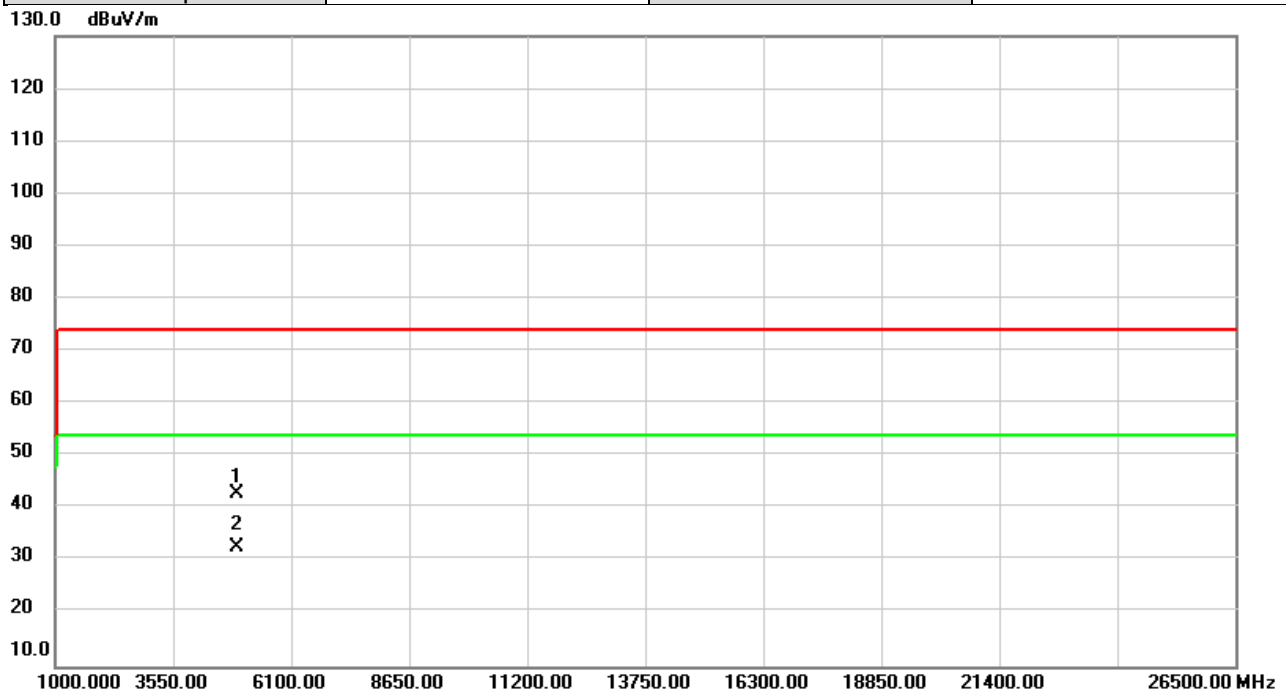
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	52.59	-9.72	42.87	74.00	-31.13	peak	
2	*	4924.000	42.37	-9.72	32.65	54.00	-21.35	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



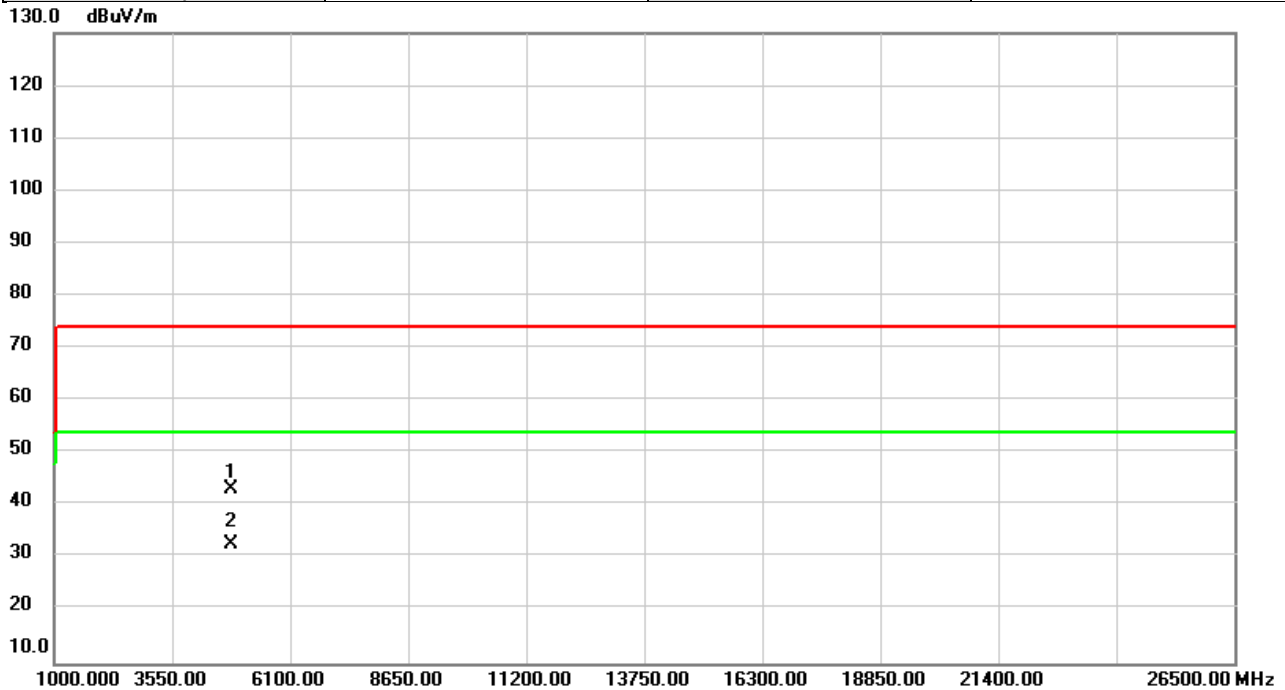
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	52.53	-9.72	42.81	74.00	-31.19	peak	
2	*	4924.000	42.26	-9.72	32.54	54.00	-21.46	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	54%

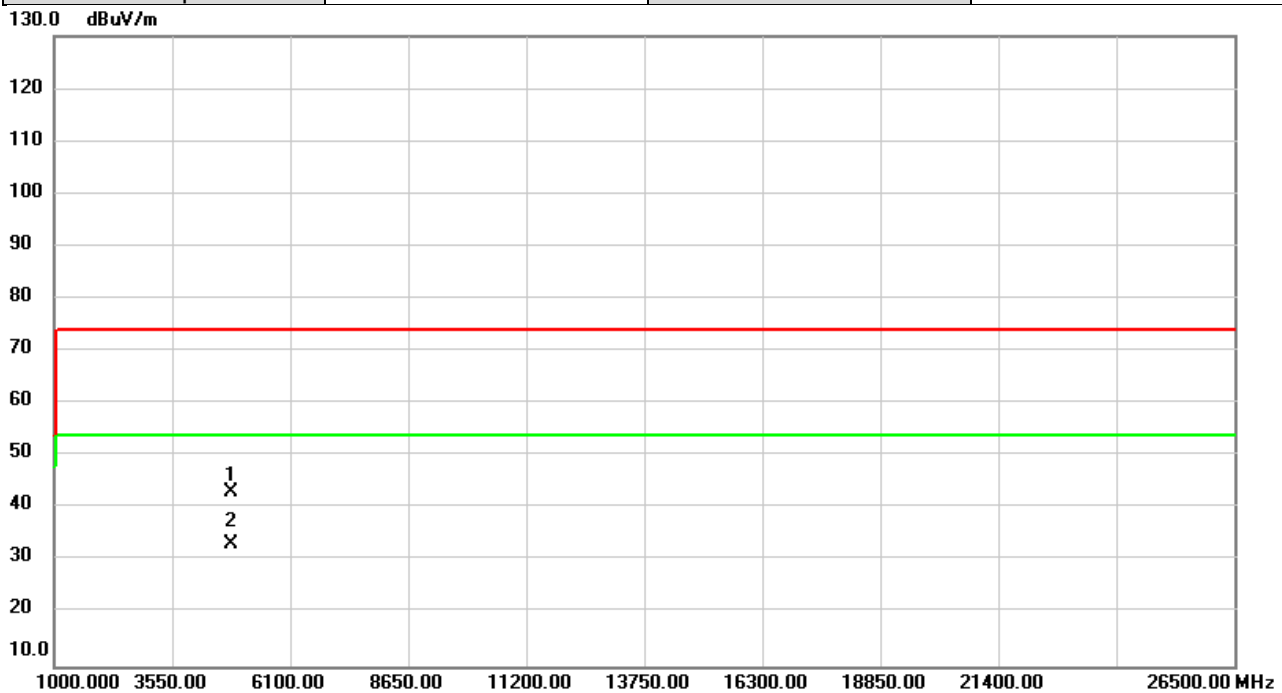


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	52.96	-9.83	43.13	74.00	-30.87	peak	
2	*	4824.000	42.47	-9.83	32.64	54.00	-21.36	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



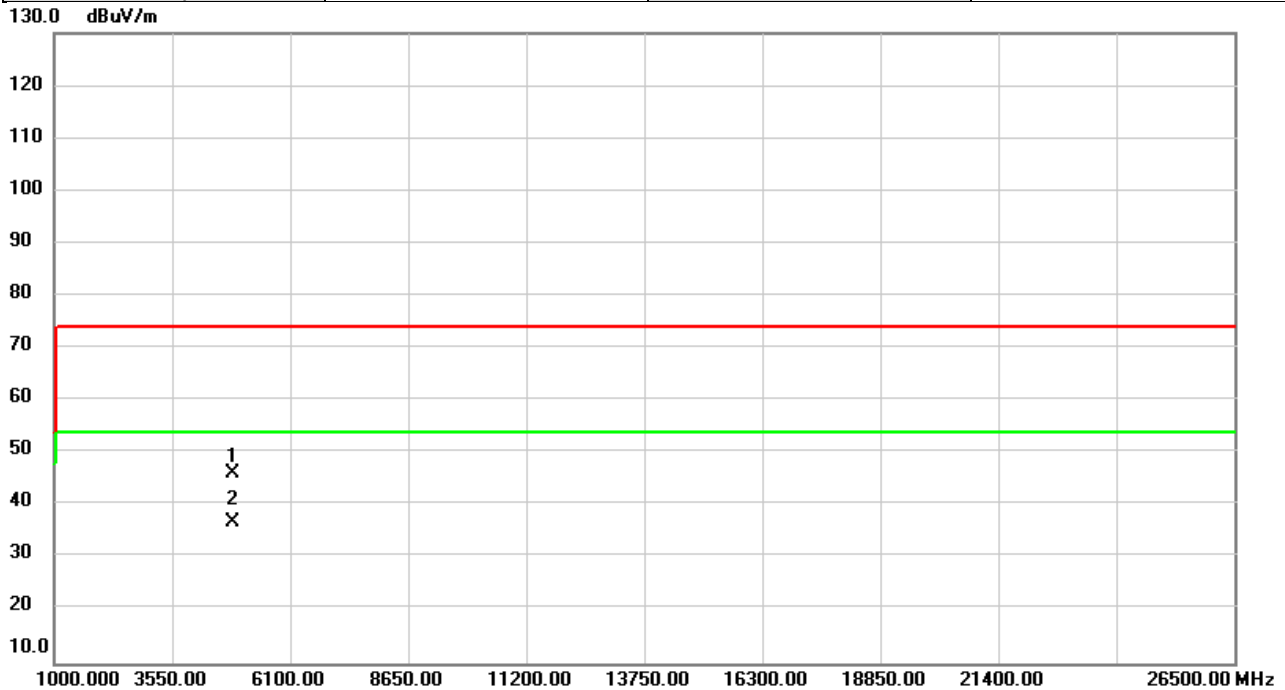
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	52.96	-9.83	43.13	74.00	-30.87	peak	
2	*	4824.000	43.04	-9.83	33.21	54.00	-20.79	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	54%

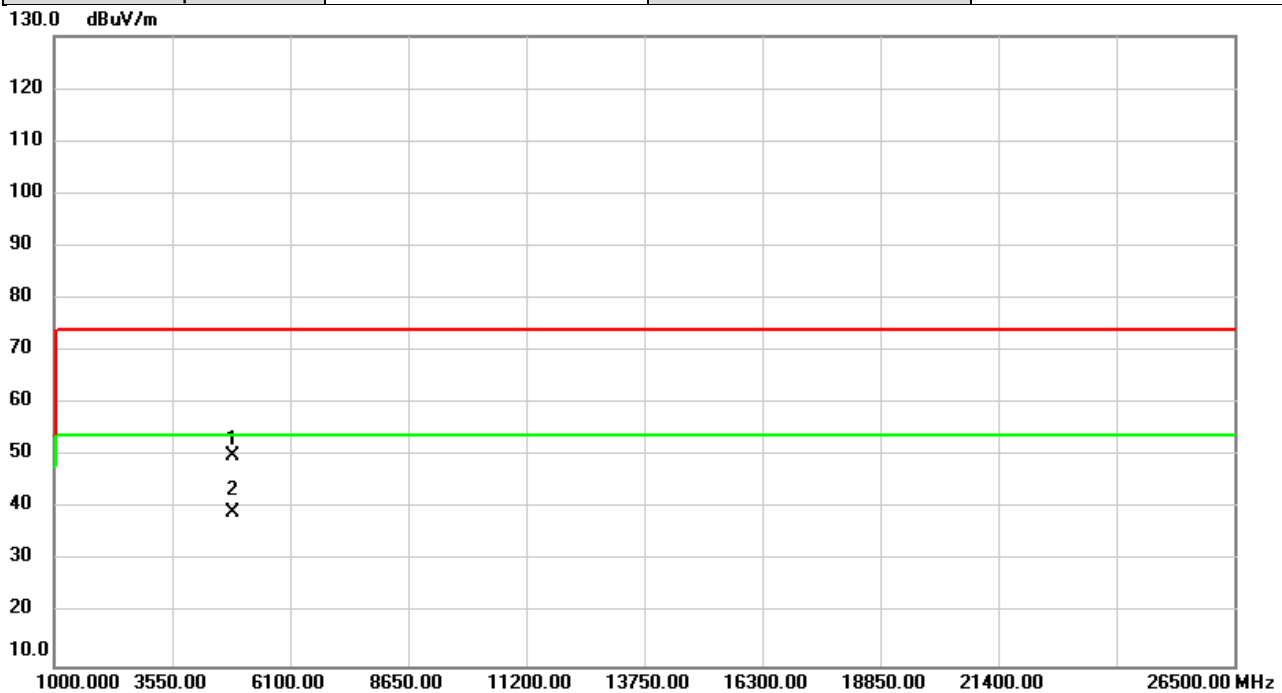


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	56.08	-9.78	46.30	74.00	-27.70	peak	
2	*	4874.000	46.54	-9.78	36.76	54.00	-17.24	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



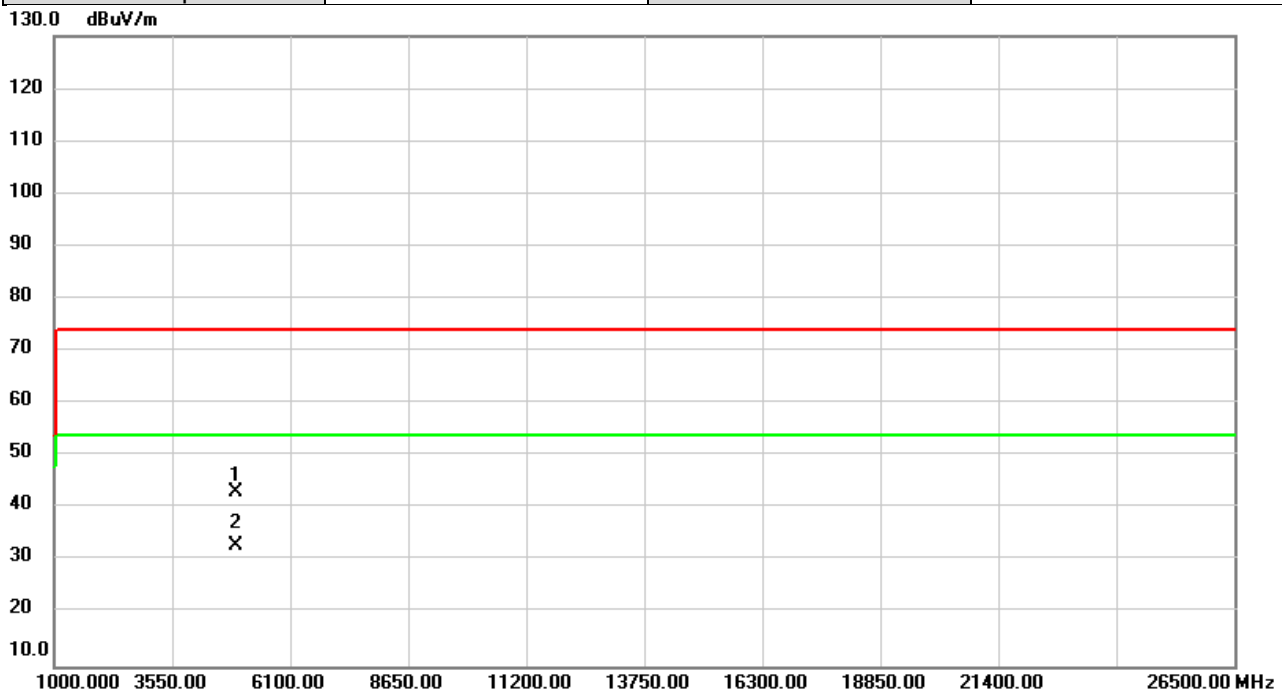
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	59.82	-9.78	50.04	74.00	-23.96	peak	
2	*	4874.000	48.92	-9.78	39.14	54.00	-14.86	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



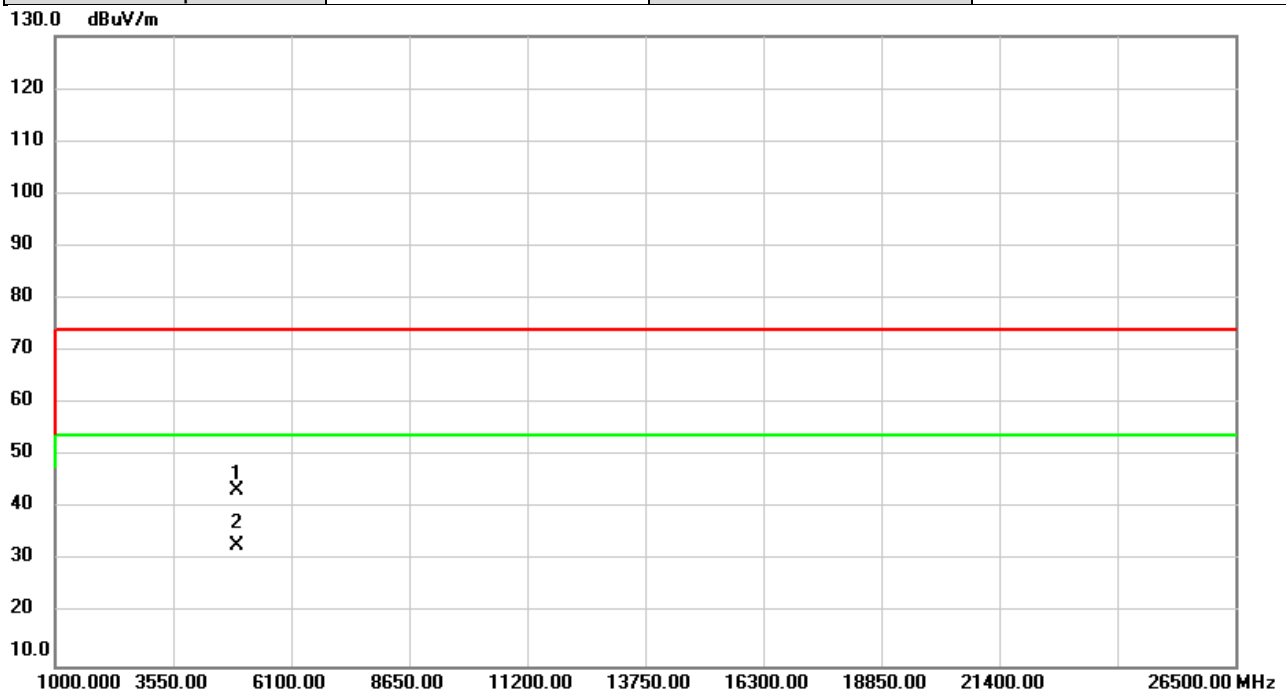
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	53.01	-9.72	43.29	74.00	-30.71	peak	
2	*	4924.000	42.55	-9.72	32.83	54.00	-21.17	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



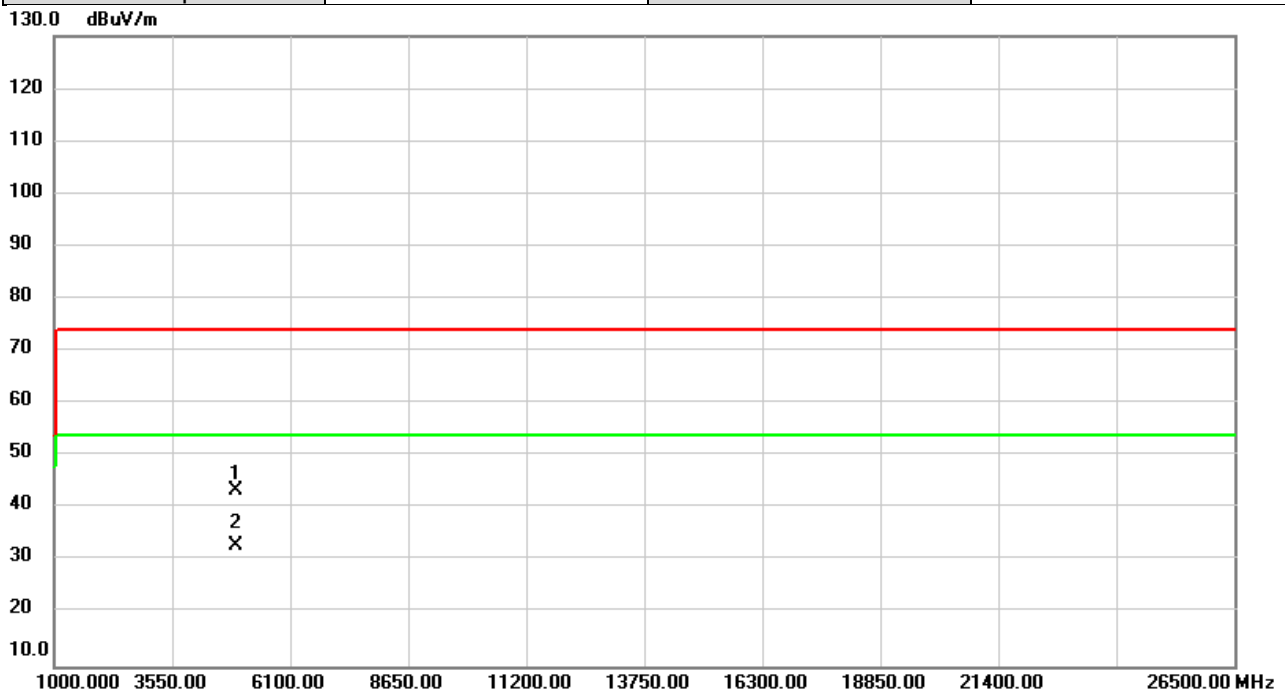
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	53.16	-9.72	43.44	74.00	-30.56	peak	
2	*	4924.000	42.79	-9.72	33.07	54.00	-20.93	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



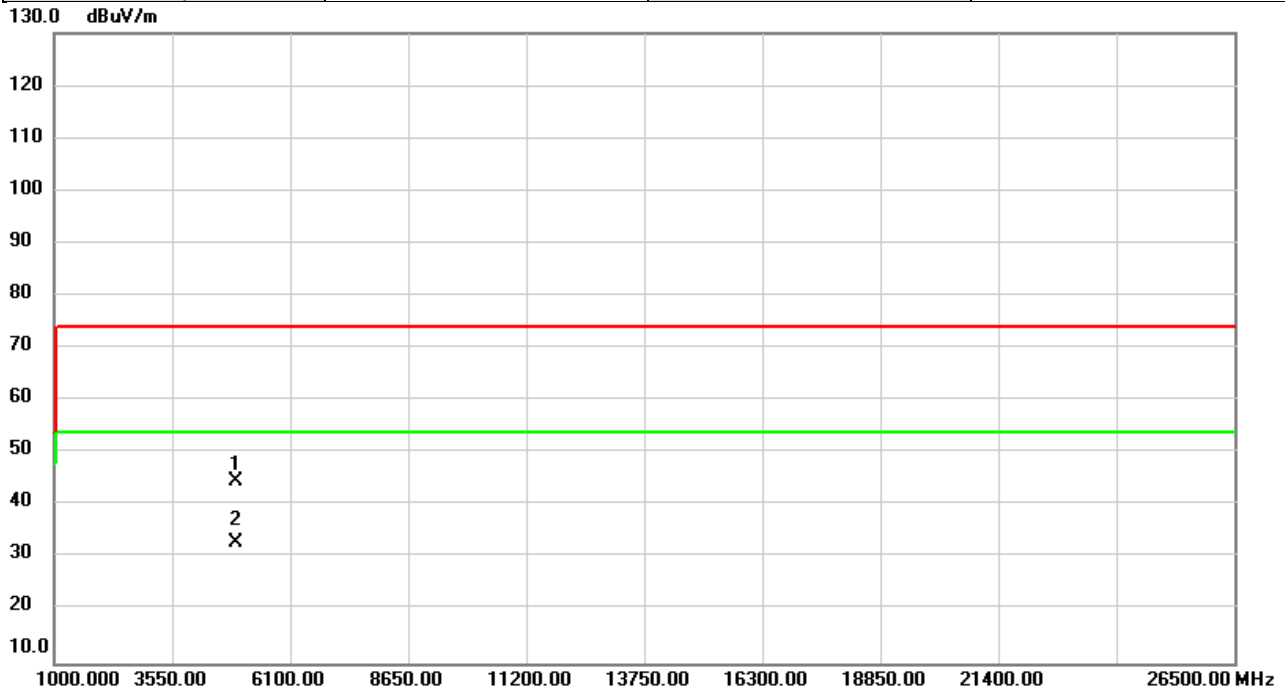
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	53.24	-9.70	43.54	74.00	-30.46	peak	
2	*	4934.000	42.56	-9.70	32.86	54.00	-21.14	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

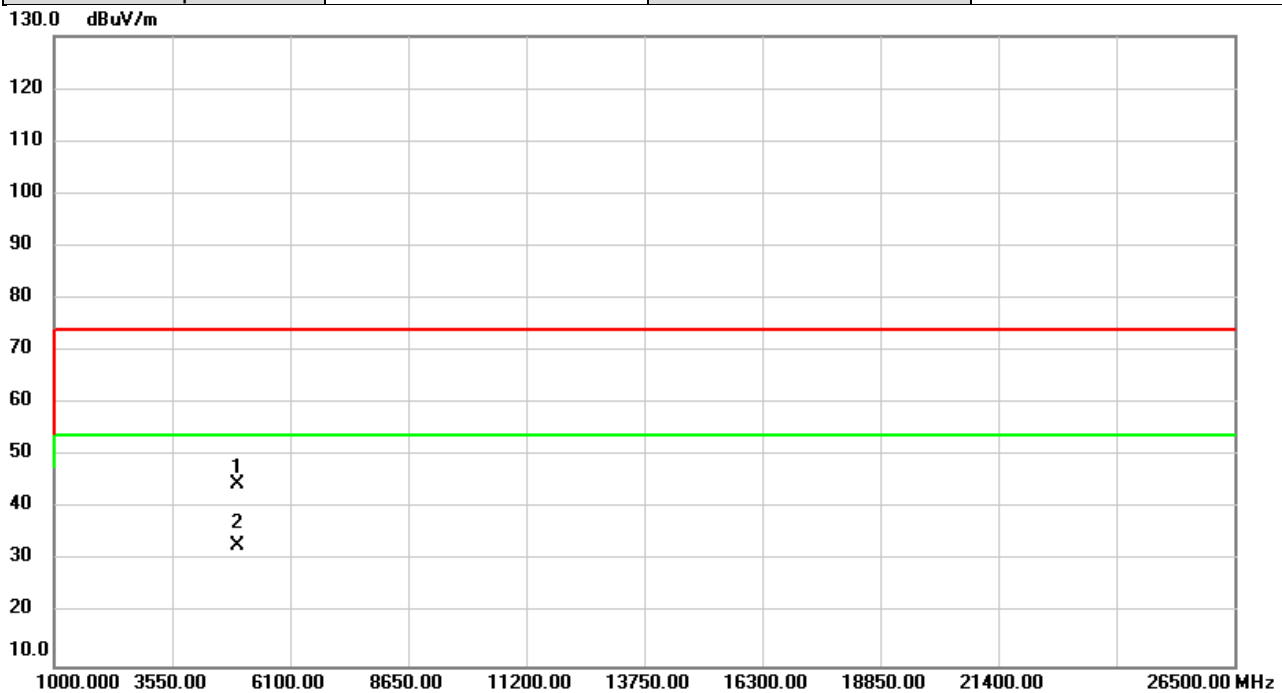


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	54.22	-9.70	44.52	74.00	-29.48	peak	
2	*	4934.000	42.68	-9.70	32.98	54.00	-21.02	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



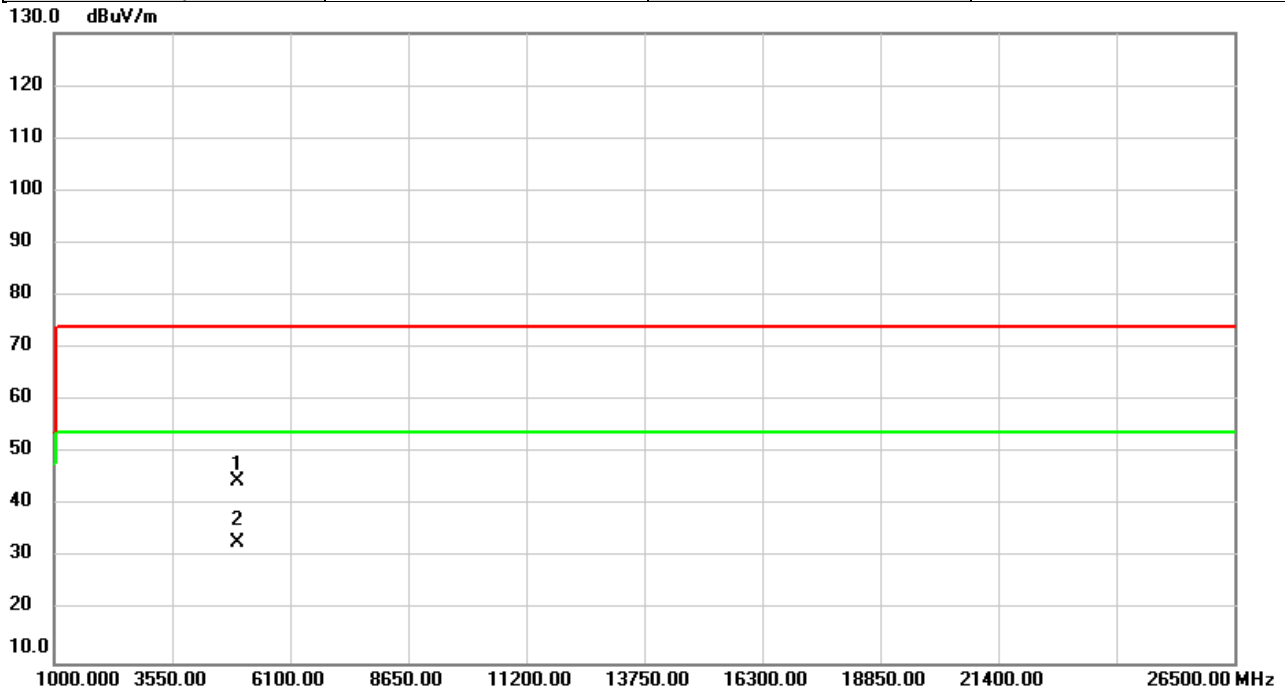
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	54.48	-9.70	44.78	74.00	-29.22	peak	
2	*	4944.000	42.59	-9.70	32.89	54.00	-21.11	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11g	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

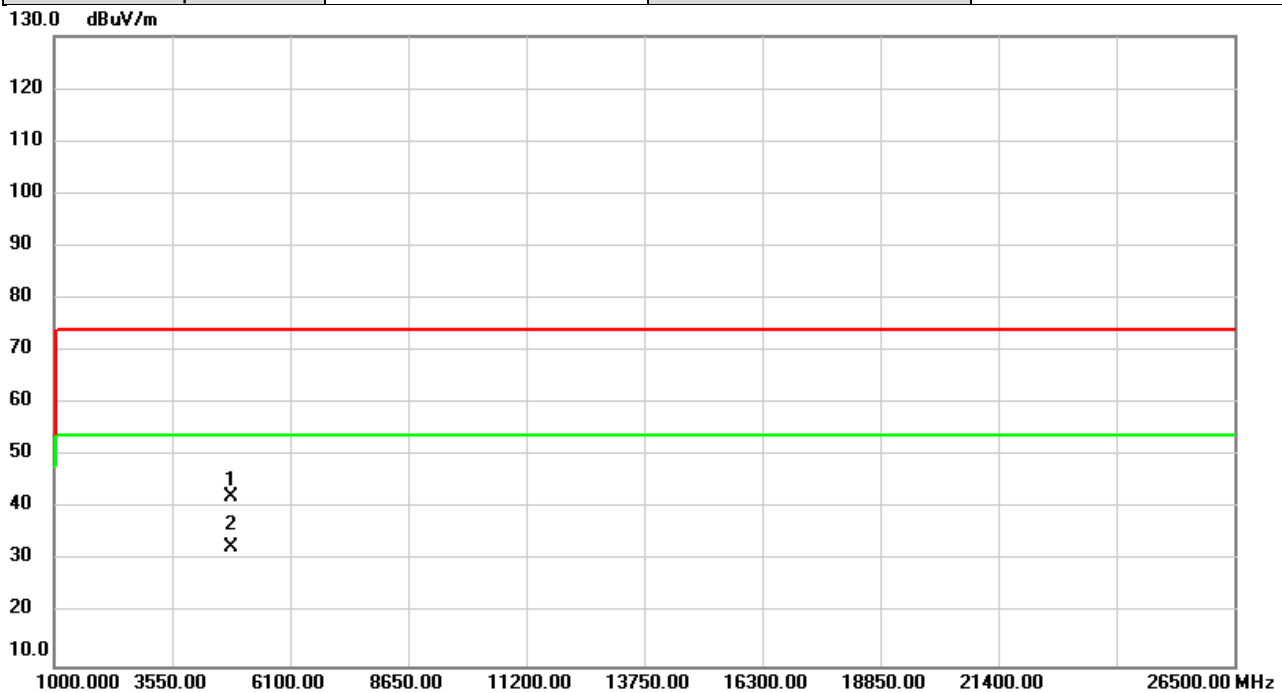


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	54.26	-9.70	44.56	74.00	-29.44	peak	
2	*	4944.000	42.61	-9.70	32.91	54.00	-21.09	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



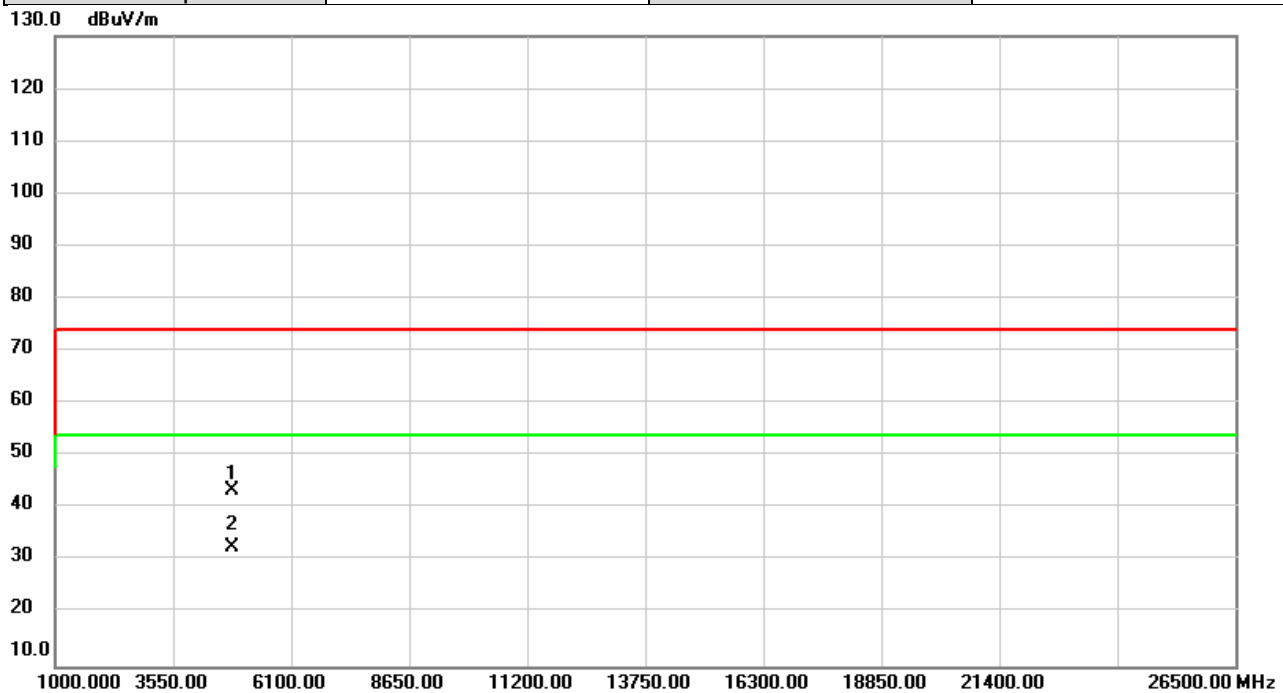
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	52.08	-9.83	42.25	74.00	-31.75	peak	
2	*	4824.000	42.50	-9.83	32.67	54.00	-21.33	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2412MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



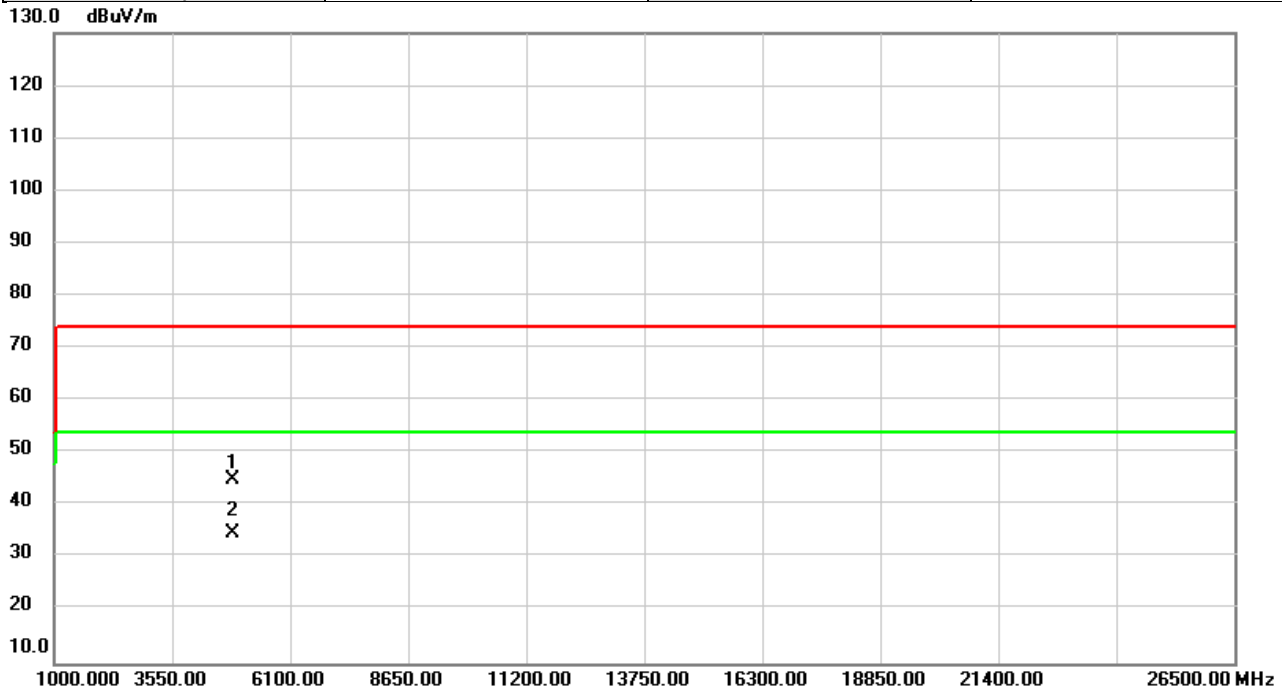
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	53.40	-9.83	43.57	74.00	-30.43	peak	
2	*	4824.000	42.44	-9.83	32.61	54.00	-21.39	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	54%

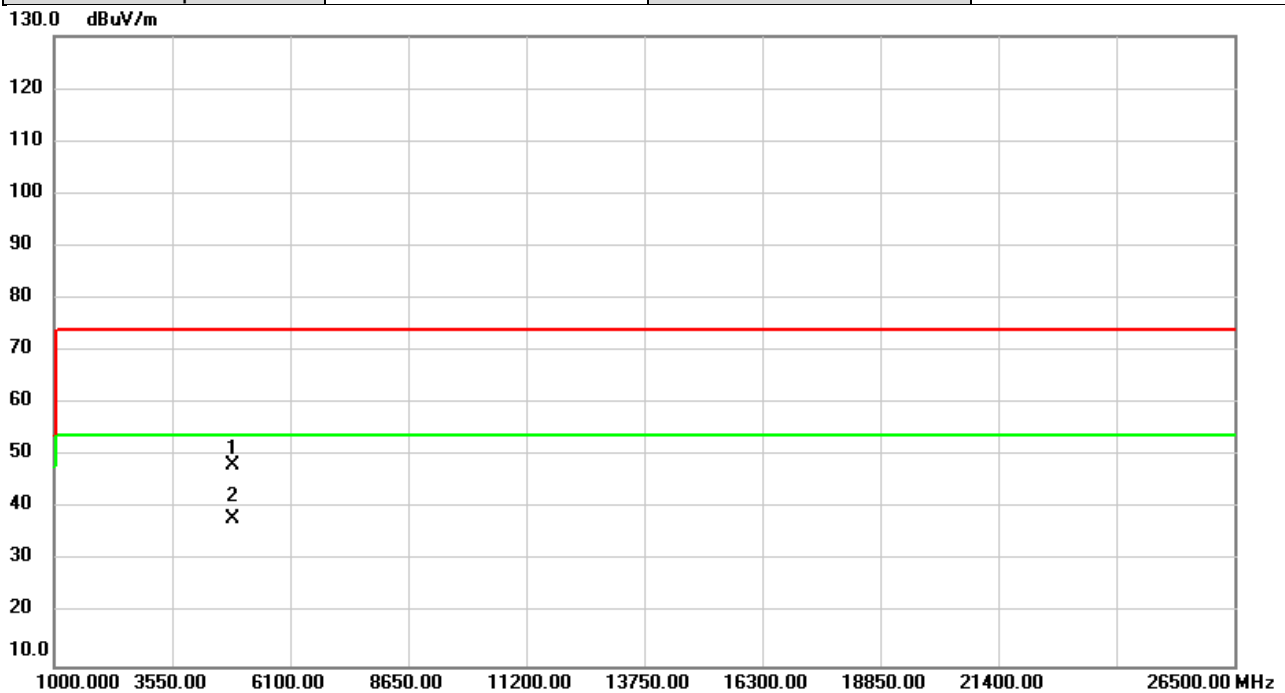


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	54.76	-9.78	44.98	74.00	-29.02	peak	
2	*	4874.000	44.65	-9.78	34.87	54.00	-19.13	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



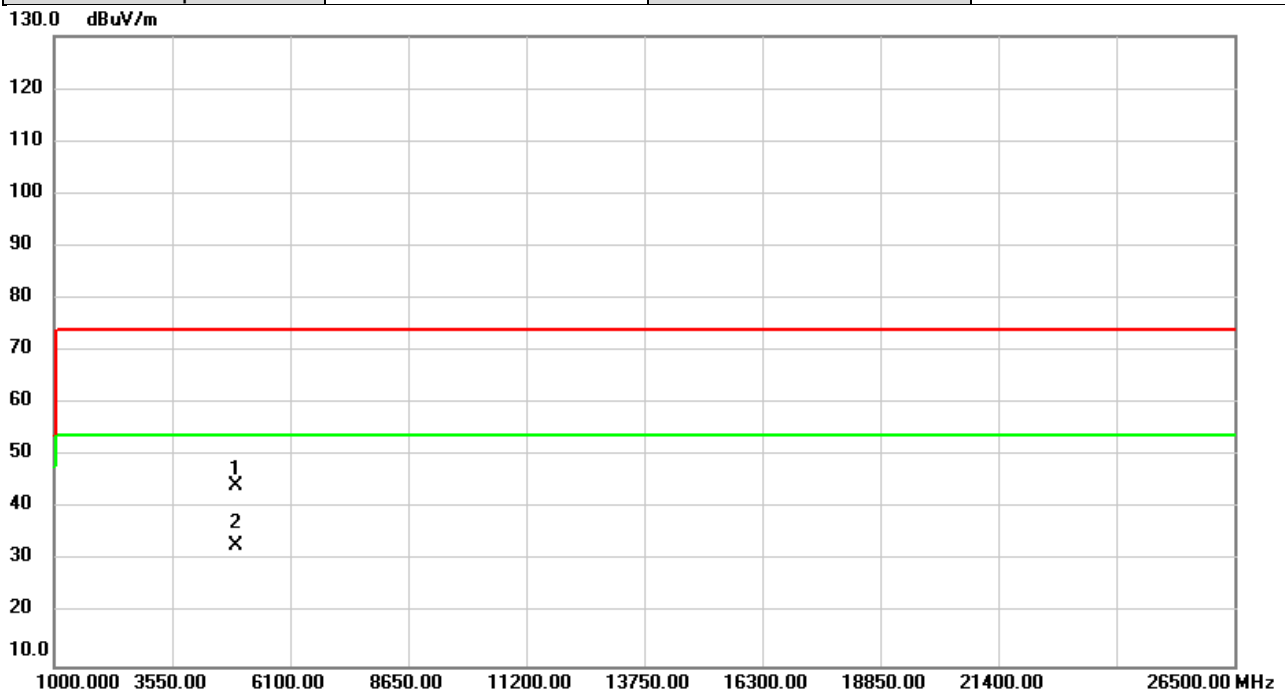
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	57.96	-9.78	48.18	74.00	-25.82	peak	
2	*	4874.000	47.94	-9.78	38.16	54.00	-15.84	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	54%

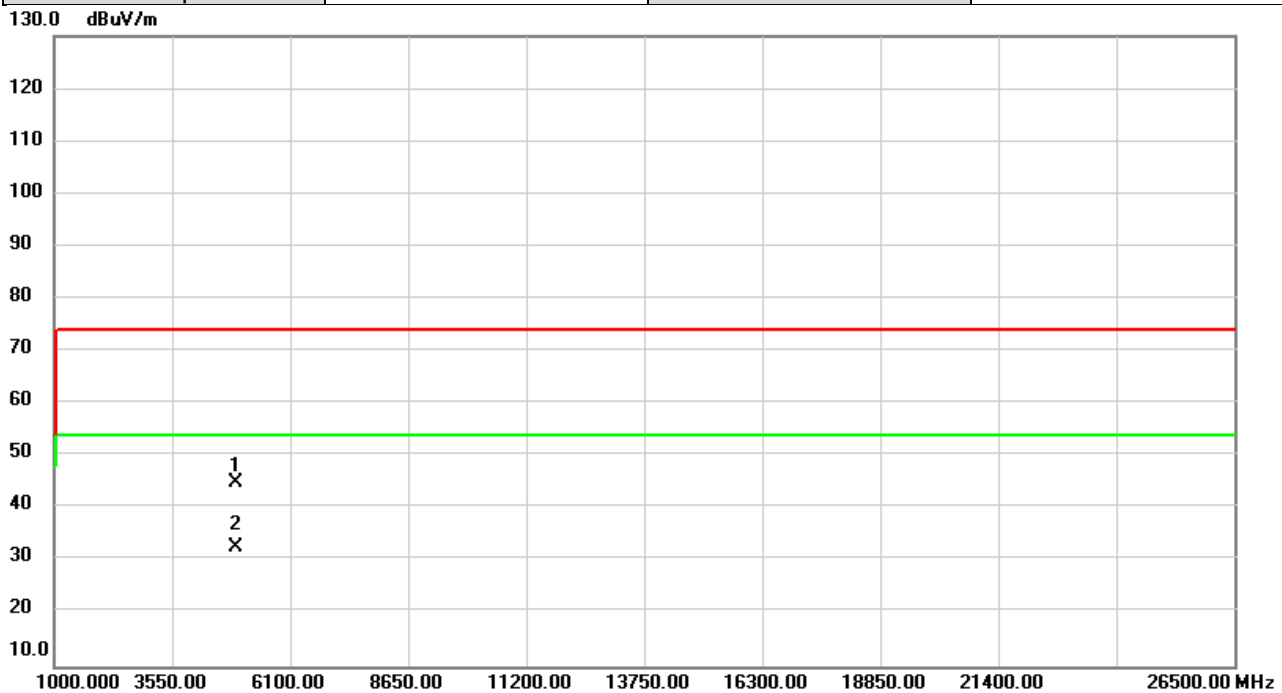


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	54.03	-9.72	44.31	74.00	-29.69	peak	
2	*	4924.000	42.55	-9.72	32.83	54.00	-21.17	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



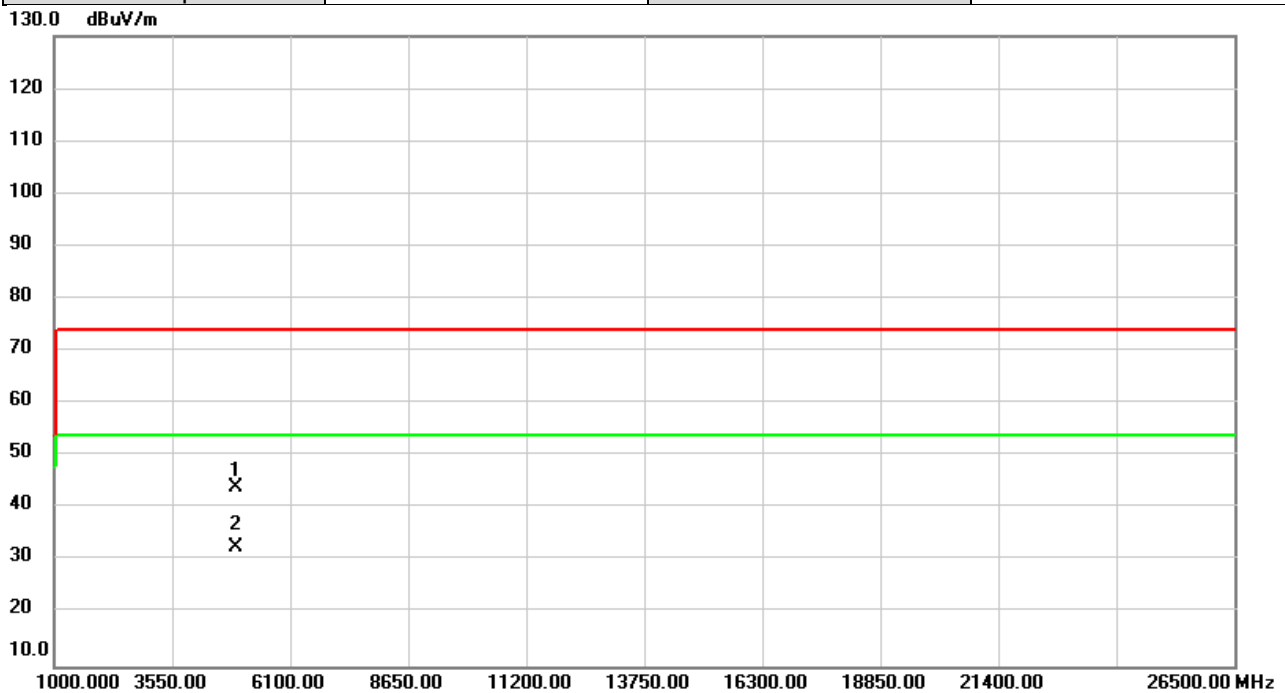
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	54.55	-9.72	44.83	74.00	-29.17	peak	
2	*	4924.000	42.36	-9.72	32.64	54.00	-21.36	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



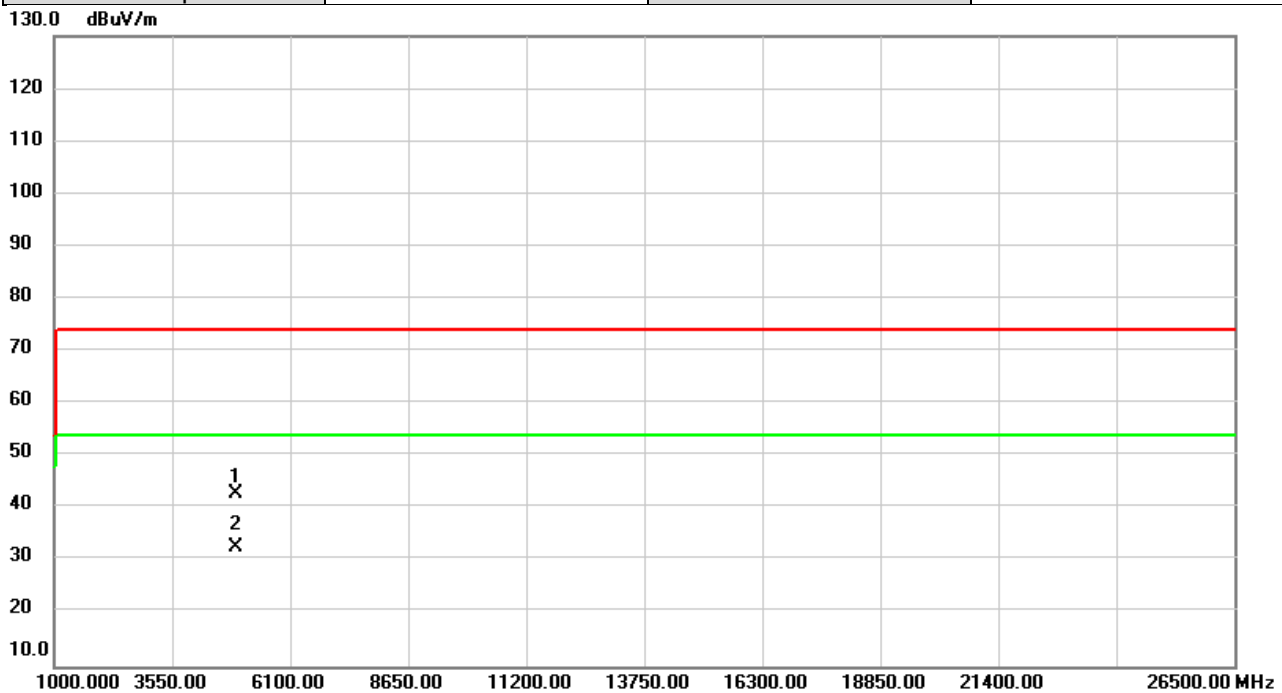
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	53.82	-9.70	44.12	74.00	-29.88	peak	
2	*	4934.000	42.35	-9.70	32.65	54.00	-21.35	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2467MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



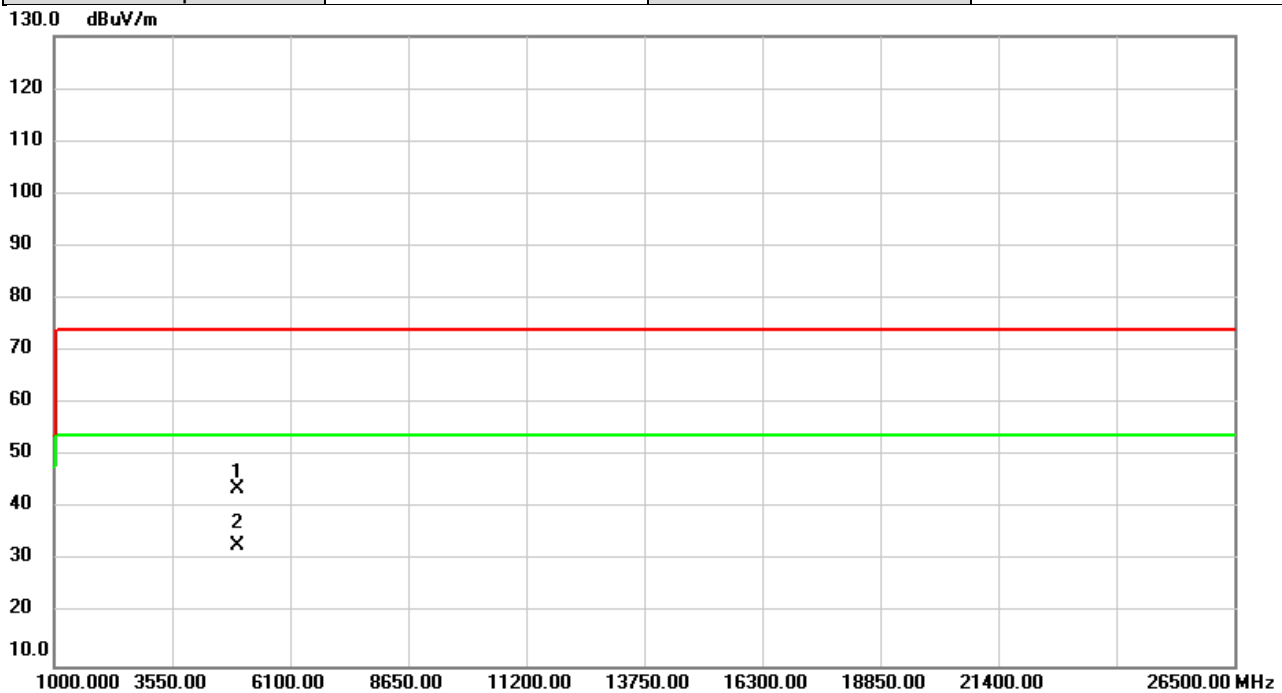
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	52.50	-9.70	42.80	74.00	-31.20	peak	
2	*	4934.000	42.40	-9.70	32.70	54.00	-21.30	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



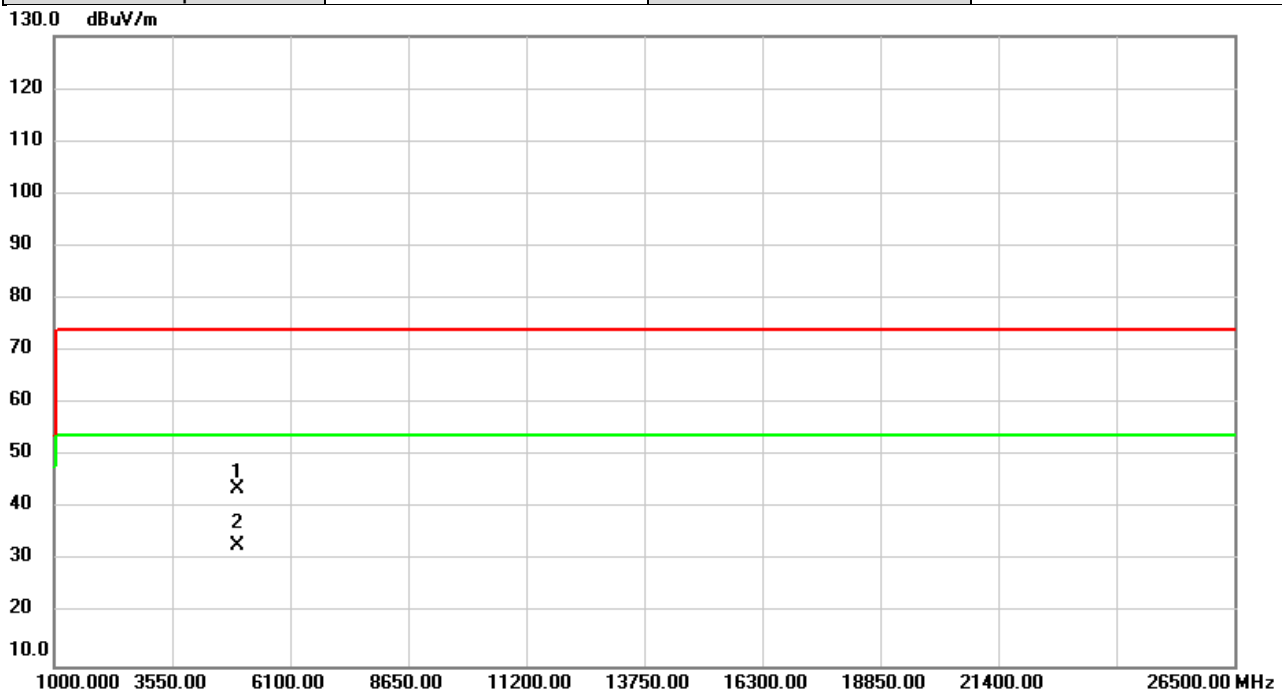
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	53.56	-9.70	43.86	74.00	-30.14	peak	
2	*	4944.000	42.65	-9.70	32.95	54.00	-21.05	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/7/31
Test Frequency	2472MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



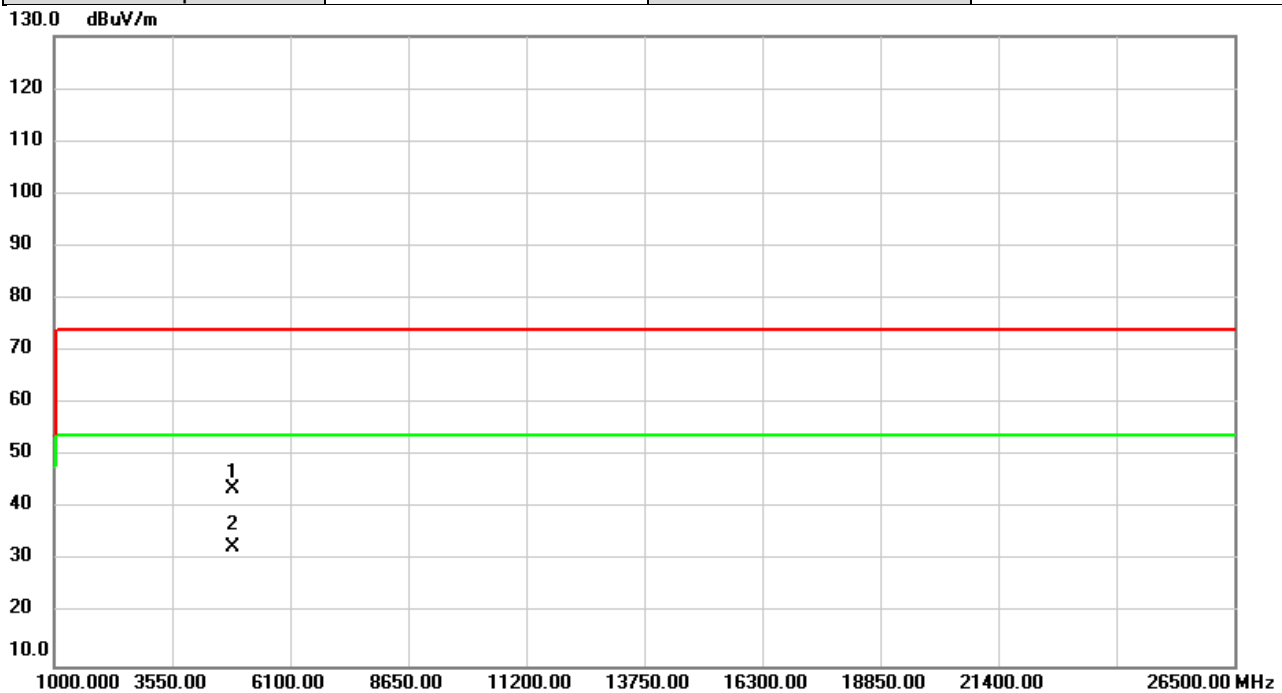
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	53.47	-9.70	43.77	74.00	-30.23	peak	
2	*	4944.000	42.52	-9.70	32.82	54.00	-21.18	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2422MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



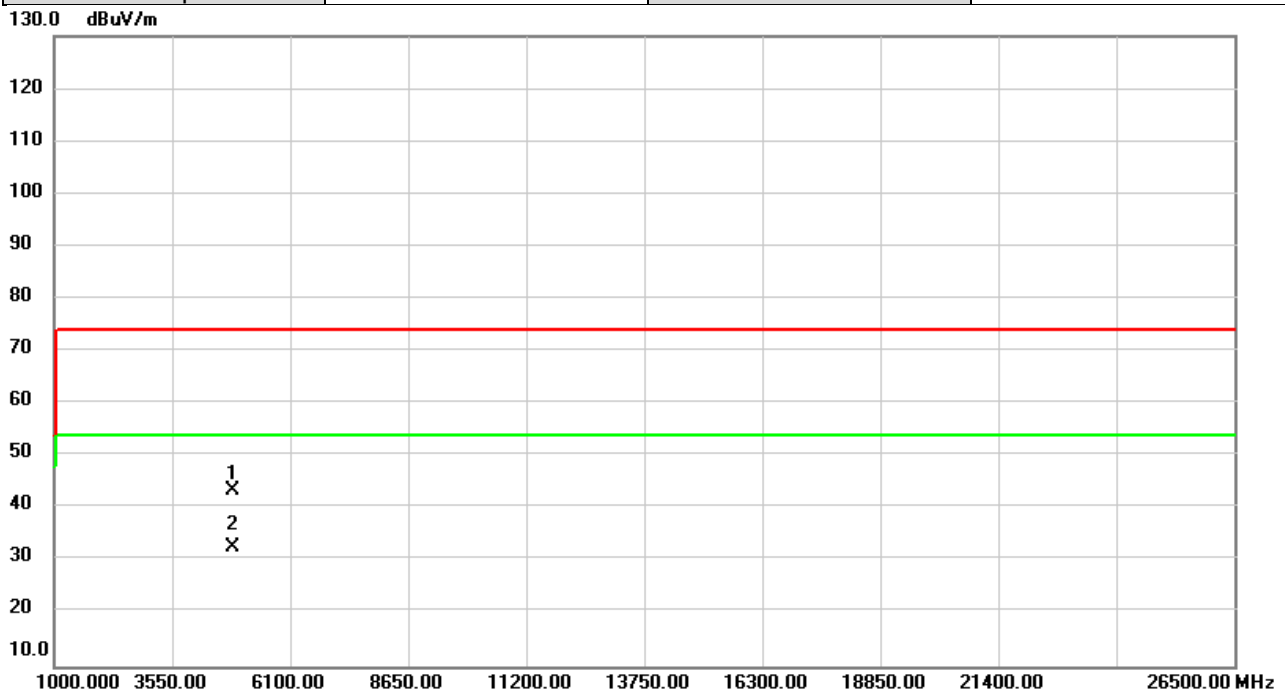
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	53.56	-9.80	43.76	74.00	-30.24	peak	
2	*	4844.000	42.34	-9.80	32.54	54.00	-21.46	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2422MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



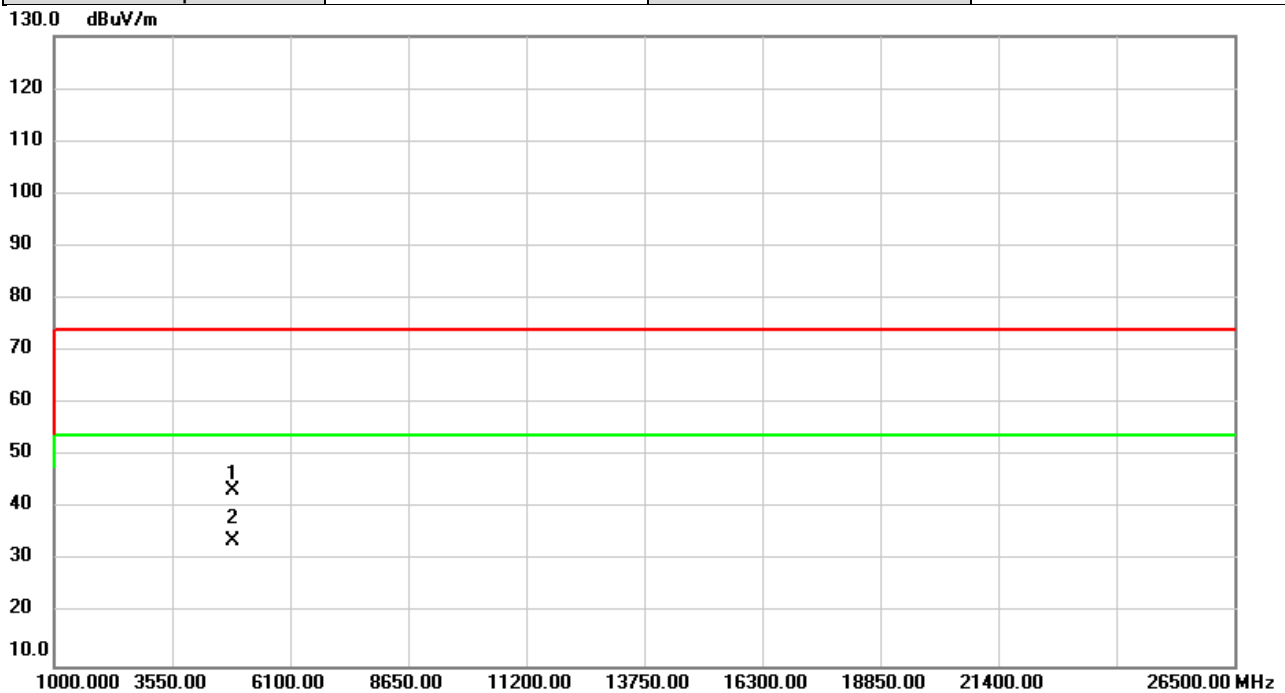
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	53.36	-9.80	43.56	74.00	-30.44	peak	
2	*	4844.000	42.53	-9.80	32.73	54.00	-21.27	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



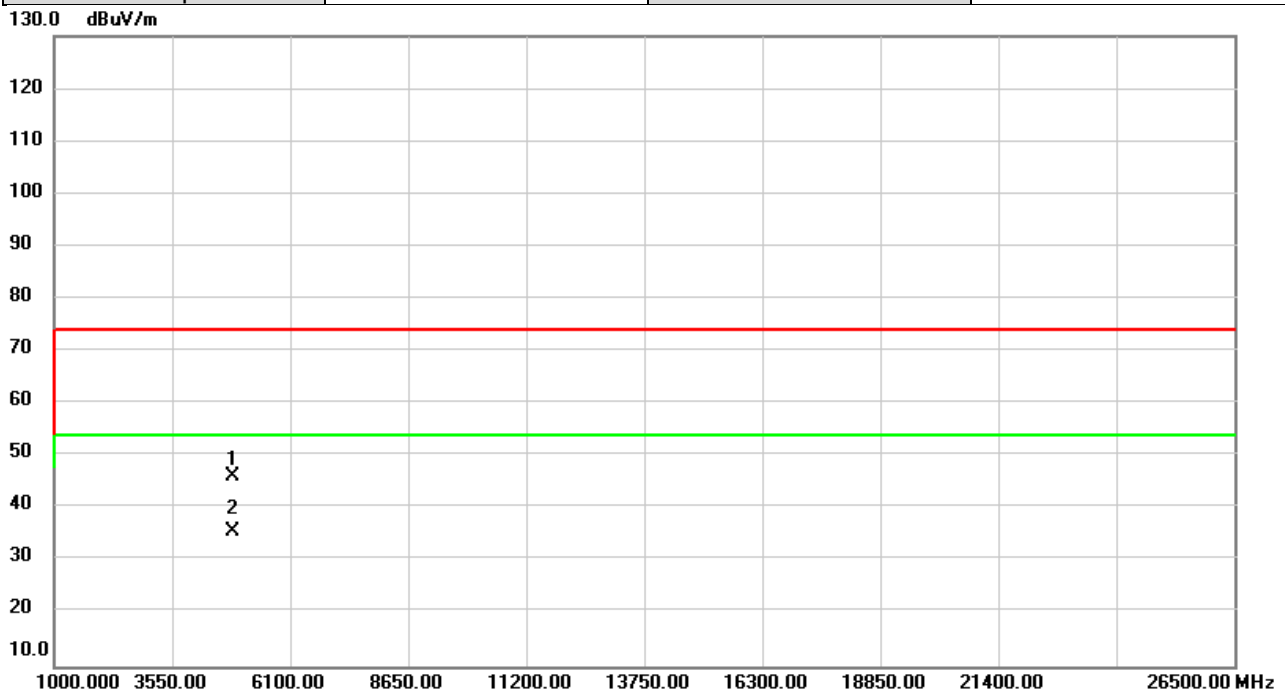
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	53.31	-9.78	43.53	74.00	-30.47	peak	
2	*	4874.000	43.67	-9.78	33.89	54.00	-20.11	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



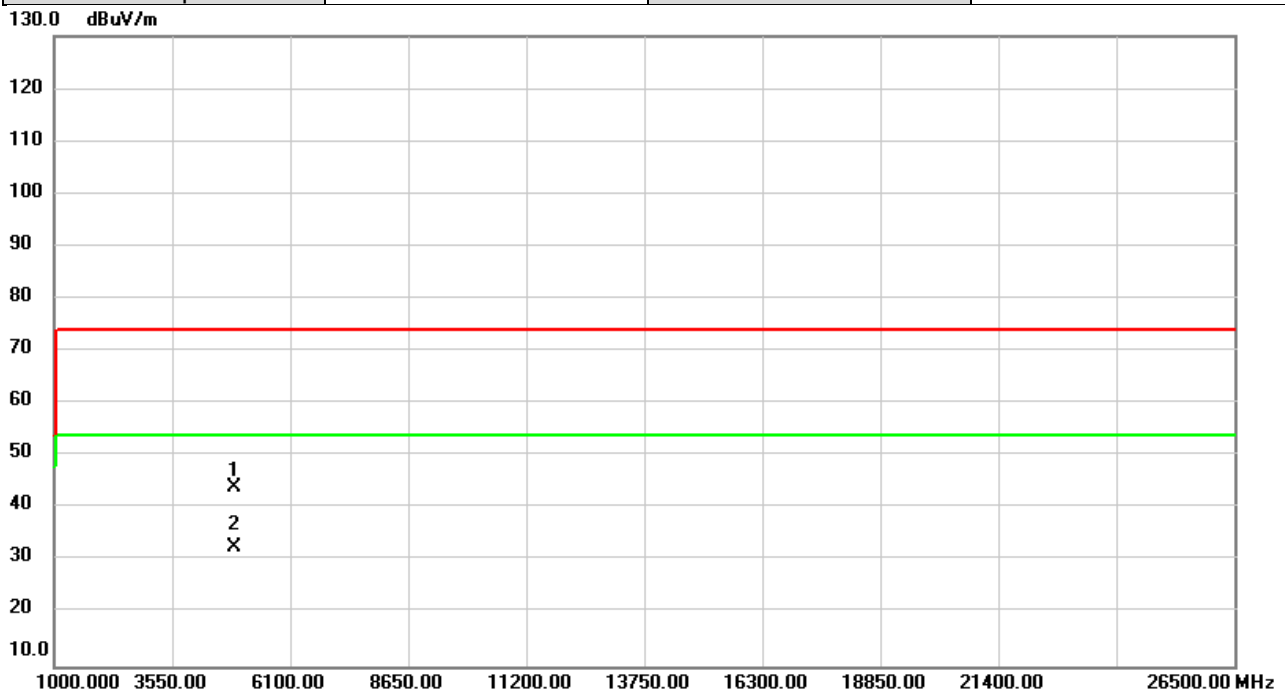
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	55.98	-9.78	46.20	74.00	-27.80	peak	
2	*	4874.000	45.57	-9.78	35.79	54.00	-18.21	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2452MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



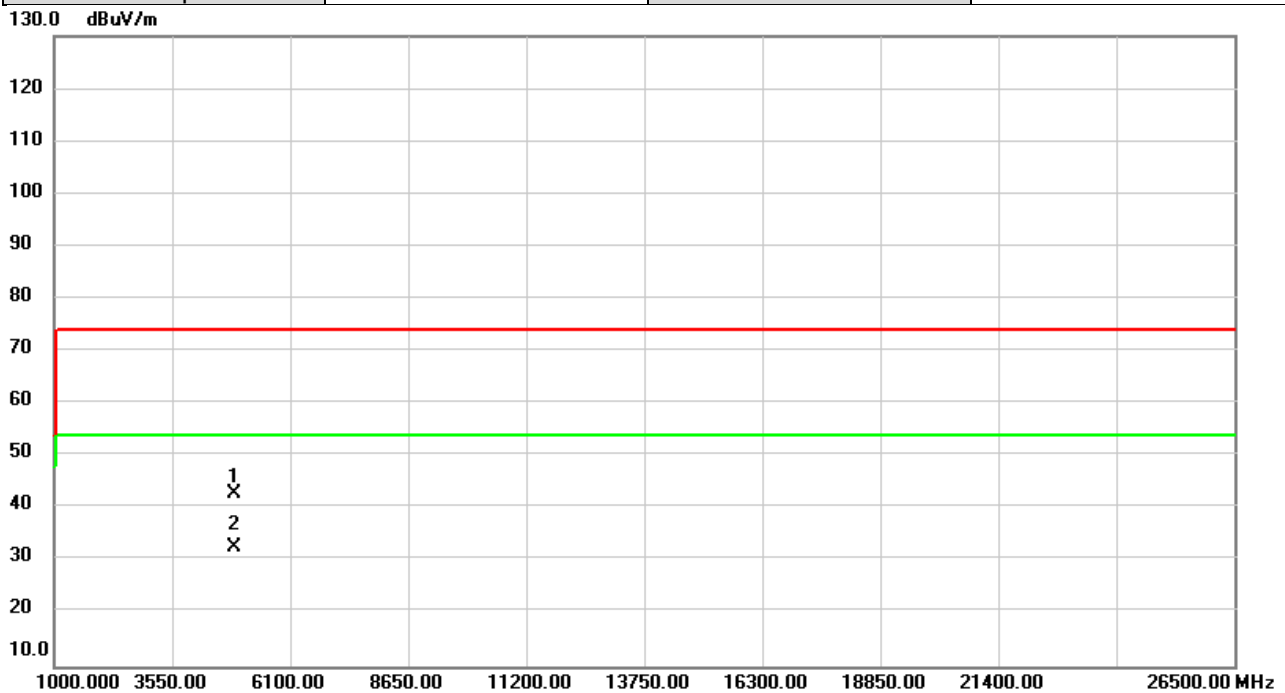
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	53.89	-9.74	44.15	74.00	-29.85	peak	
2	*	4904.000	42.37	-9.74	32.63	54.00	-21.37	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2452MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



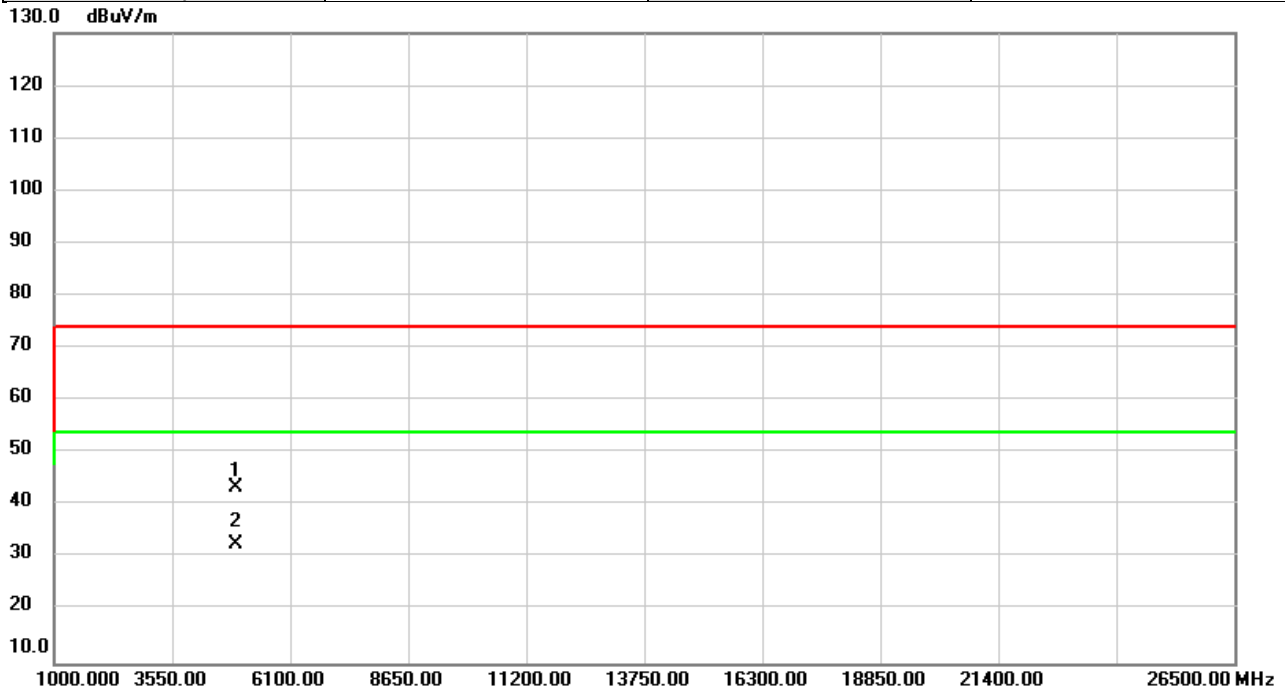
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	52.44	-9.74	42.70	74.00	-31.30	peak	
2	*	4904.000	42.38	-9.74	32.64	54.00	-21.36	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2457MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



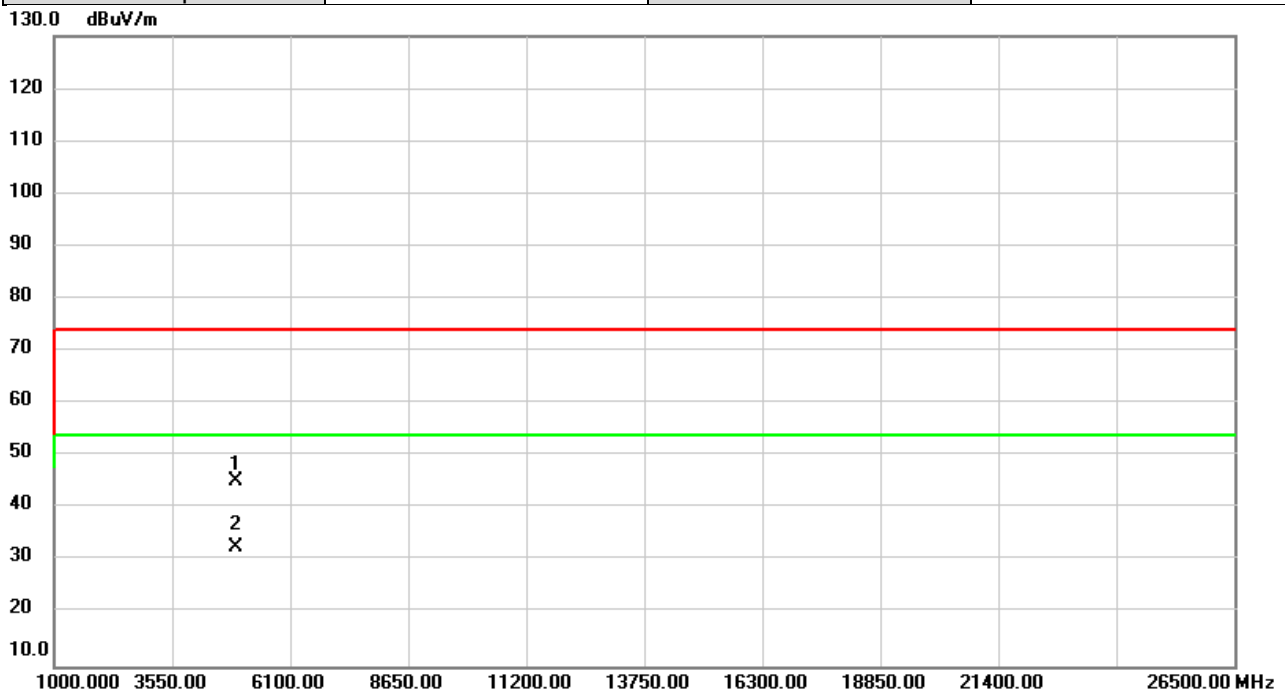
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	53.21	-9.73	43.48	74.00	-30.52	peak	
2	*	4914.000	42.27	-9.73	32.54	54.00	-21.46	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2457MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



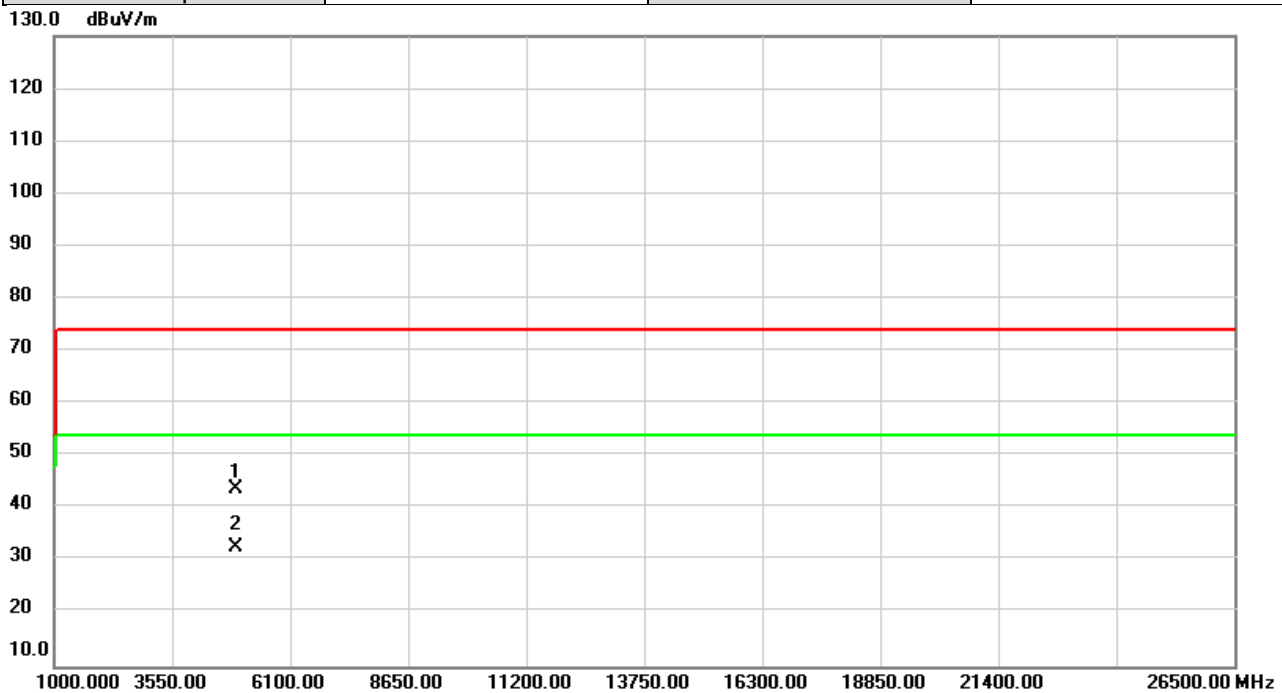
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	54.90	-9.73	45.17	74.00	-28.83	peak	
2	*	4914.000	42.49	-9.73	32.76	54.00	-21.24	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	54%



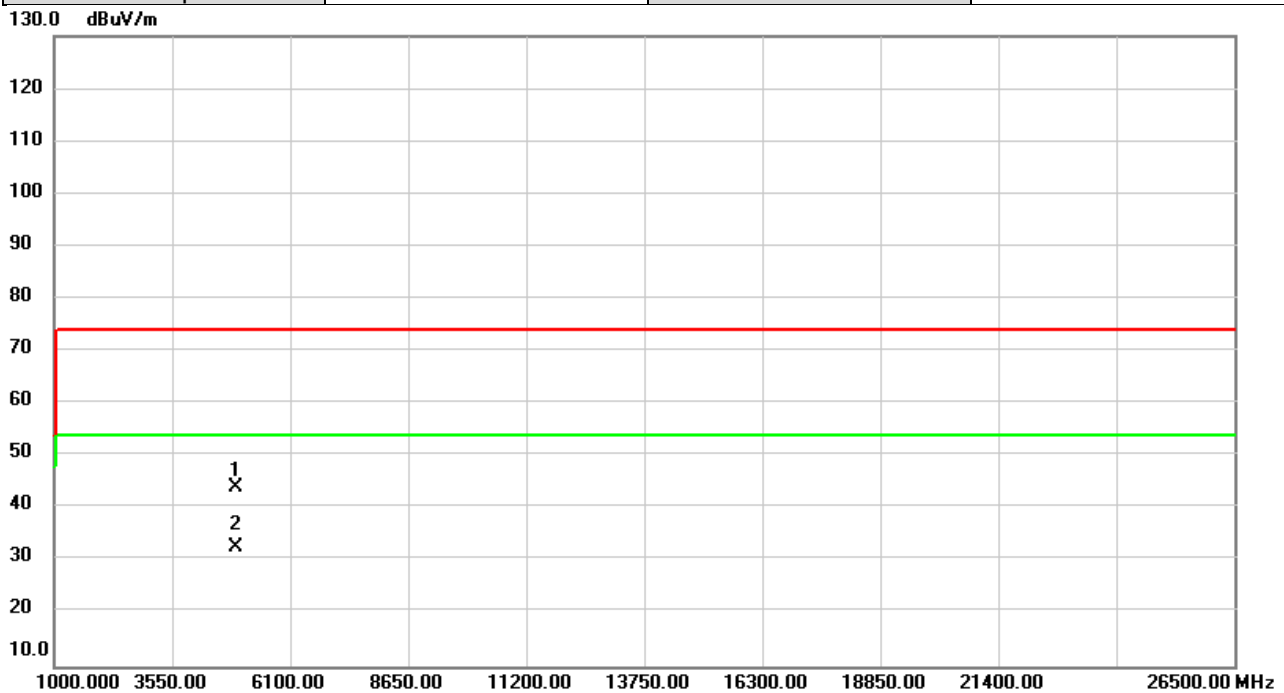
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	53.42	-9.72	43.70	74.00	-30.30	peak	
2	*	4924.000	42.47	-9.72	32.75	54.00	-21.25	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/7/31
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°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	53.73	-9.72	44.01	74.00	-29.99	peak	
2	*	4924.000	42.52	-9.72	32.80	54.00	-21.20	AVG	

REMARKS:

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

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

APPENDIX D OUTPUT POWER

Test Mode	IEEE 802.11b_Main	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.69	0.0740	30.00	1.0000	Complies
2437	18.68	0.0738	30.00	1.0000	Complies
2462	18.69	0.0740	30.00	1.0000	Complies
2467	18.63	0.0729	30.00	1.0000	Complies
2472	12.02	0.0159	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Aux	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	18.41	0.0693	30.00	1.0000	Complies
2437	18.45	0.0700	30.00	1.0000	Complies
2462	18.52	0.0711	30.00	1.0000	Complies
2467	18.48	0.0705	30.00	1.0000	Complies
2472	11.94	0.0156	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Total	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.56	0.1433	30.00	1.0000	Complies
2437	21.58	0.1438	30.00	1.0000	Complies
2462	21.62	0.1451	30.00	1.0000	Complies
2467	21.57	0.1434	30.00	1.0000	Complies
2472	14.99	0.0316	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Main	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	25.93	0.3917	30.00	1.0000	Complies
2437	25.97	0.3954	30.00	1.0000	Complies
2462	25.91	0.3899	30.00	1.0000	Complies
2467	20.53	0.1130	30.00	1.0000	Complies
2472	17.69	0.0587	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Aux	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	25.83	0.3828	30.00	1.0000	Complies
2437	25.89	0.3882	30.00	1.0000	Complies
2462	25.82	0.3819	30.00	1.0000	Complies
2467	20.47	0.1114	30.00	1.0000	Complies
2472	17.93	0.0621	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Total	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	28.89	0.7746	30.00	1.0000	Complies
2437	28.94	0.7835	30.00	1.0000	Complies
2462	28.88	0.7719	30.00	1.0000	Complies
2467	23.51	0.2244	30.00	1.0000	Complies
2472	20.82	0.1208	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Main	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	25.97	0.3954	30.00	1.0000	Complies
2437	25.97	0.3954	30.00	1.0000	Complies
2462	25.99	0.3972	30.00	1.0000	Complies
2467	20.86	0.1219	30.00	1.0000	Complies
2472	17.86	0.0611	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Aux	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	25.89	0.3882	30.00	1.0000	Complies
2437	25.83	0.3828	30.00	1.0000	Complies
2462	25.85	0.3846	30.00	1.0000	Complies
2467	20.79	0.1199	30.00	1.0000	Complies
2472	17.89	0.0615	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	28.94	0.7835	30.00	1.0000	Complies
2437	25.97	0.3954	30.00	1.0000	Complies
2462	28.93	0.7818	30.00	1.0000	Complies
2467	27.03	0.5047	30.00	1.0000	Complies
2472	20.89	0.1226	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Main	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	21.89	0.1545	30.00	1.0000	Complies
2437	23.66	0.2323	30.00	1.0000	Complies
2452	22.10	0.1622	30.00	1.0000	Complies
2457	20.96	0.1247	30.00	1.0000	Complies
2462	16.59	0.0456	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Aux	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.84	0.1213	30.00	1.0000	Complies
2437	24.19	0.2624	30.00	1.0000	Complies
2452	22.10	0.1622	30.00	1.0000	Complies
2457	20.94	0.1242	30.00	1.0000	Complies
2462	16.41	0.0438	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	24.41	0.2759	30.00	1.0000	Complies
2437	26.94	0.4946	30.00	1.0000	Complies
2452	25.11	0.3244	30.00	1.0000	Complies
2457	23.96	0.2489	30.00	1.0000	Complies
2462	19.51	0.0894	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Main	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.63	0.2307	30.00	1.0000	Complies
2437	23.88	0.2443	30.00	1.0000	Complies
2462	23.26	0.2118	30.00	1.0000	Complies
2467	20.99	0.1256	30.00	1.0000	Complies
2472	18.03	0.0635	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Aux	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.61	0.2296	30.00	1.0000	Complies
2437	25.69	0.3707	30.00	1.0000	Complies
2462	23.29	0.2133	30.00	1.0000	Complies
2467	20.96	0.1247	30.00	1.0000	Complies
2472	18.01	0.0632	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Total	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	26.63	0.4603	30.00	1.0000	Complies
2437	27.89	0.6150	30.00	1.0000	Complies
2462	26.29	0.4251	30.00	1.0000	Complies
2467	23.99	0.2503	30.00	1.0000	Complies
2472	21.03	0.1268	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Main	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	22.09	0.1618	30.00	1.0000	Complies
2437	23.77	0.2382	30.00	1.0000	Complies
2452	22.28	0.1690	30.00	1.0000	Complies
2457	21.16	0.1306	30.00	1.0000	Complies
2462	16.78	0.0476	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Aux	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	21.03	0.1268	30.00	1.0000	Complies
2437	24.37	0.2735	30.00	1.0000	Complies
2452	22.21	0.1663	30.00	1.0000	Complies
2457	21.14	0.1300	30.00	1.0000	Complies
2462	16.57	0.0454	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Total	Tested Date	2021/7/28
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	24.60	0.2886	30.00	1.0000	Complies
2437	27.09	0.5117	30.00	1.0000	Complies
2452	25.26	0.3354	30.00	1.0000	Complies
2457	24.16	0.2606	30.00	1.0000	Complies
2462	19.69	0.0930	30.00	1.0000	Complies

End of Test Report