

FCC Radio Test Report

FCC ID: TX2-RTL8852BE

Report No. : BTL-FCCP-3-2108T113A
Equipment : 11ax RTL8852BE Combo module
Model Name : RTL8852BE
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 : 2021/11/18
Date of Test : 2021/11/18 ~ 2021/12/15
Issued Date : 2021/12/23

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.

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

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date
BTL-FCCP-3-2108T113A	R00	Original Report.	2021/12/23

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-RTL8852BE) to be incorporated to the host device (Model number: LN0001KA, LN0001KA* (* = 0-9, or blank), Marketing Name: Lenovo K14 Gen 1 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	20 °C, 64 %	AC 120V	Paul Shen
Radiated emissions below 1 GHz	Refer to data	AC 120V	Eddie Lee
Radiated emissions above 1 GHz	Refer to data	AC 120V	Eddie Lee
Output Power	23.5 °C, 51 %	AC 120V	Tim Lian

1.4 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

Antenna Mode	SISO_Main					
Test Software	REALTEK Mass Production Kit mp_V1.0.29					
Mode	2412 MHz	2437 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	22.75	30	22.25	18	16.75	1 Mbps
IEEE 802.11g	17.75	30	21	18	17.5	6 Mbps
IEEE 802.11n (HT20)	18.25	30	20	18.75	18	MCS 0
IEEE 802.11ac (VHT20)	18.25	30	20	18.75	18	MCS 0
IEEE 802.11ax (HEW20)	18.25	30	20	18.75	18	MCS 0
Modulation Mode	2422 MHz	2437 MHz	2452 MHz	2457 MHz	2462 MHz	Data Rate
IEEE 802.11n (HT40)	18	30	20.25	20	18.5	MCS 0
IEEE 802.11ac (VHT40)	18	30	20.25	20	18.5	MCS 0
IEEE 802.11ax (HEW40)	18	30	20.25	20	18.5	MCS 0

Antenna Mode	SISO_Aux					
Test Software	REALTEK Mass Production Kit mp_V1.0.29					
Mode	2412 MHz	2437 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	22.75	30	22.25	18	16.75	1 Mbps
IEEE 802.11g	17.75	30	21	18	17.5	6 Mbps
IEEE 802.11n (HT20)	18.25	30	20	18.75	18	MCS 0
IEEE 802.11ac (VHT20)	18.25	30	20	18.75	18	MCS 0
IEEE 802.11ax (HEW20)	18.25	30	20	18.75	18	MCS 0
Modulation Mode	2422 MHz	2437 MHz	2452 MHz	2457 MHz	2462 MHz	Data Rate
IEEE 802.11n (HT40)	18	30	20.25	20	18.5	MCS 0
IEEE 802.11ac (VHT40)	18	30	20.25	20	18.5	MCS 0
IEEE 802.11ax (HEW40)	18	30	20.25	20	18.5	MCS 0

Antenna Mode	MMO					
Test Software	REALTEK Mass Production Kit mp_V1.0.29					
Mode	2412 MHz	2437 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	22.75	30	22.25	18	16.75	1 Mbps
IEEE 802.11g	17.75	30	21	18	17.5	6 Mbps
IEEE 802.11n (HT20)	18.25	30	20	18.75	18	MCS 0
IEEE 802.11ac (VHT20)	18.25	30	20	18.75	18	MCS 0
IEEE 802.11ax (HEW20)	18.25	30	20	18.75	18	MCS 0
Modulation Mode	2422 MHz	2437 MHz	2452 MHz	2457 MHz	2462 MHz	Data Rate
IEEE 802.11n (HT40)	18	30	20.25	20	18.5	MCS 0
IEEE 802.11ac (VHT40)	18	30	20.25	20	18.5	MCS 0
IEEE 802.11ax (HEW40)	18	30	20.25	20	18.5	MCS 0

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	11ax RTL8852BE Combo module
Model Name	RTL8852BE
Brand Name	REALTEK
Model Difference	N/A
Power Supply Rating	DC 3.3V from host equipment
Host device information	
Equipment	Notebook Computer
Model Name	LN0001KA, LN0001KA* (* = 0-9, or blank)
Marketing Name	Lenovo K14 Gen 1
Brand Name	Lenovo
Model Difference	Differ in marketing purpose.
Power Source	DC voltage supplied from External Power Supply. (Lenovo/ ADLX65YLC2D, ADLX65YLC3D, ADLX65YDC3D, ADLX65YDC2D, ADLX65YCC2D, ADLX65YCC3D, ADLX65YAC3D, ADLX65YAC2D)
Power Rating	I/P: 100-240V~1.8A 50-60Hz O/P: DC20.0V 3.25A 65.0W / DC15.0V 3.0A / DC9.0V 2.0A / DC5.0V 2.0A 10.0W
Products Covered	Please refer to Power Source.
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2472 MHz
Maximum Output Power -SISO Main	IEEE 802.11b: 23.80 dBm (0.2399 W) IEEE 802.11g: 26.44 dBm (0.4406 W) IEEE 802.11n (HT20): 26.20 dBm (0.4169 W) IEEE 802.11n (HT40): 25.98 dBm (0.3963 W) IEEE 802.11ac (VHT20): 26.39 dBm (0.4355 W) IEEE 802.11ac (VHT 40): 26.17 dBm (0.4140 W) IEEE 802.11ax (HEW 20): 26.40 dBm (0.4365 W) IEEE 802.11ax (HEW 40): 26.21 dBm (0.4178 W)
Maximum Output Power -SISO Aux	IEEE 802.11b: 23.38 dBm (0.2178 W) IEEE 802.11g: 26.30 dBm (0.4266 W) IEEE 802.11n (HT20): 26.13 dBm (0.4102 W) IEEE 802.11n (HT40): 25.91 dBm (0.3899 W) IEEE 802.11ac (VHT20): 26.35 dBm (0.4315 W) IEEE 802.11ac (VHT 40): 26.09 dBm (0.4064 W) IEEE 802.11ax (HEW 20): 26.30 dBm (0.4266 W) IEEE 802.11ax (HEW 40): 26.13 dBm (0.4102 W)
Maximum Output Power -MIMO	IEEE 802.11b: 26.78 dBm (0.4764 W) IEEE 802.11g: 29.51 dBm (0.8924 W) IEEE 802.11n (HT20): 29.32 dBm (0.8541 W) IEEE 802.11n (HT40): 29.09 dBm (0.8111 W) IEEE 802.11ac (VHT20): 29.52 dBm (0.8944 W) IEEE 802.11ac (VHT 40): 29.31 dBm (0.8522 W) IEEE 802.11ax (HEW 20): 29.52 dBm (0.8944 W) IEEE 802.11ax (HEW 40): 29.31 dBm (0.8522 W)
Test Model	Lenovo K14 Gen 1
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	LUXSHARE-ICT	DC33001VP00	PIFA	I-PEX	2400-2500	1.88
					5150-5350	2.65
					5470-5725	2.99
					5725-5850	2.81
Aux	LUXSHARE-ICT	DC33001VP00	PIFA	I-PEX	2400-2500	1.92
					5150-5350	2.70
					5470-5725	2.77
					5725-5850	2.85
Antenna	Manufacture	Part Number	Type	Connector	Frequency Range (MHz)	Gain (dBi)
Main	LUXSHARE-ICT	DC33001XX00	PIFA	I-PEX	2400-2500	1.83
					5150-5350	2.63
					5470-5725	2.96
					5725-5850	2.78
Aux	LUXSHARE-ICT	DC33001XX00	PIFA	I-PEX	2400-2500	1.91
					5150-5350	2.68
					5470-5725	2.67
					5725-5850	2.82

Antenna	Manufacture	Part Number	Type	Connector	Frequency Range (MHz)	Gain (dBi)
Main	Speedwire	DC33001VN00	PIFA	I-PEX	2400-2500	1.69
					5150-5350	2.72
					5470-5725	2.50
					5725-5850	2.83
Aux	Speedwire	DC33001VN00	PIFA	I-PEX	2400-2500	1.75
					5150-5350	2.98
					5470-5725	2.97
					5725-5850	2.87
Antenna	Manufacture	Part Number	Type	Connector	Frequency Range (MHz)	Gain (dBi)
Main	Speedwire	DC33001XV00	PIFA	I-PEX	2400-2500	1.79
					5150-5350	2.36
					5470-5725	2.32
					5725-5850	2.52
Aux	Speedwire	DC33001XV00	PIFA	I-PEX	2400-2500	1.88
					5150-5350	2.58
					5470-5725	2.59
					5725-5850	2.50

NOTE: Antenna gain higher is 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 802.11b	06	-
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/11/12/13	Bandedge
	IEEE 802.11g		
	IEEE 802.11ac (VHT20)		
	IEEE 802.11ax (HEW20)		
	IEEE 802.11ac (VHT40)	03/09/10/11	
	IEEE 802.11ax (HEW40)		
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/06/11/12/13	Harmonic
	IEEE 802.11g		
	IEEE 802.11ac (VHT20)		
	IEEE 802.11ax (HEW20)		
	IEEE 802.11ac (VHT40)		
	IEEE 802.11ax (HEW40)	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 802.11ax (HEW20)		
	IEEE 802.11n (HT40)	03/06/09/10/11	
	IEEE 802.11ac (VHT40)		
	IEEE 802.11ax (HEW40)		

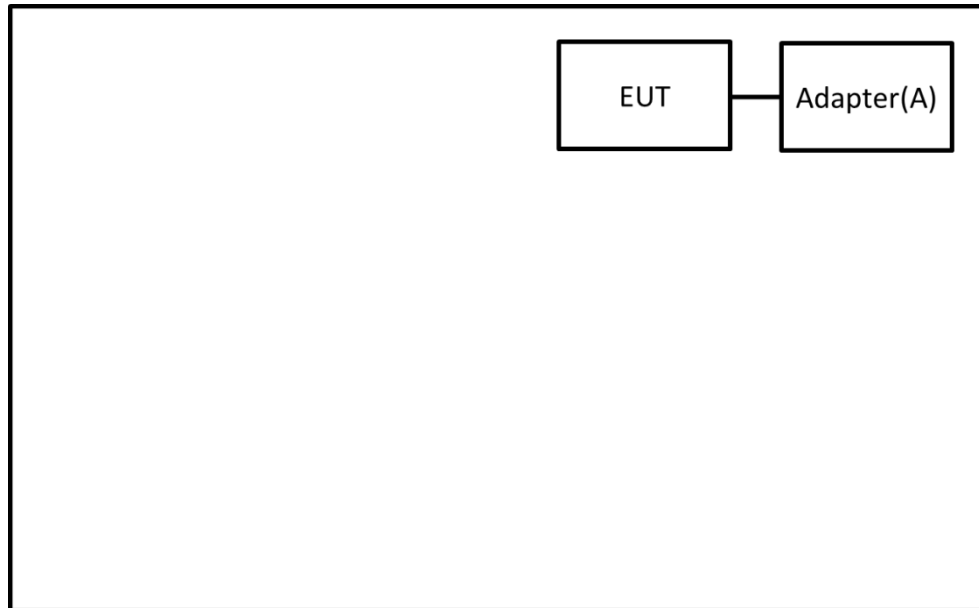
NOTE:

- (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 (Vertical) is recorded.
- (3) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.

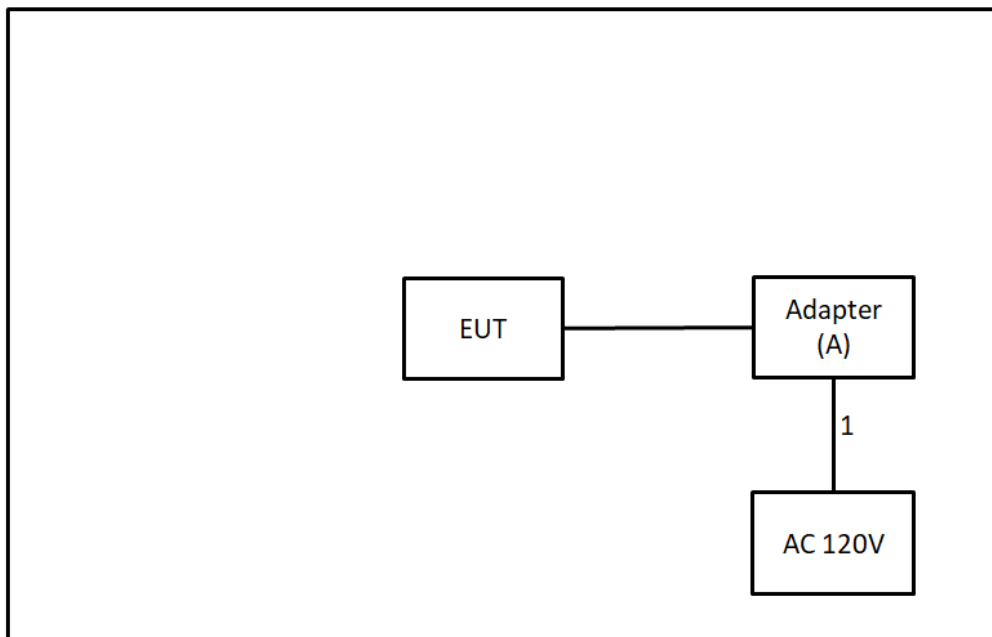
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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	ADLX45YDC3D	N/A	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	0.9m	Power Cord	Supplied by test requester.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

Reading Level		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.

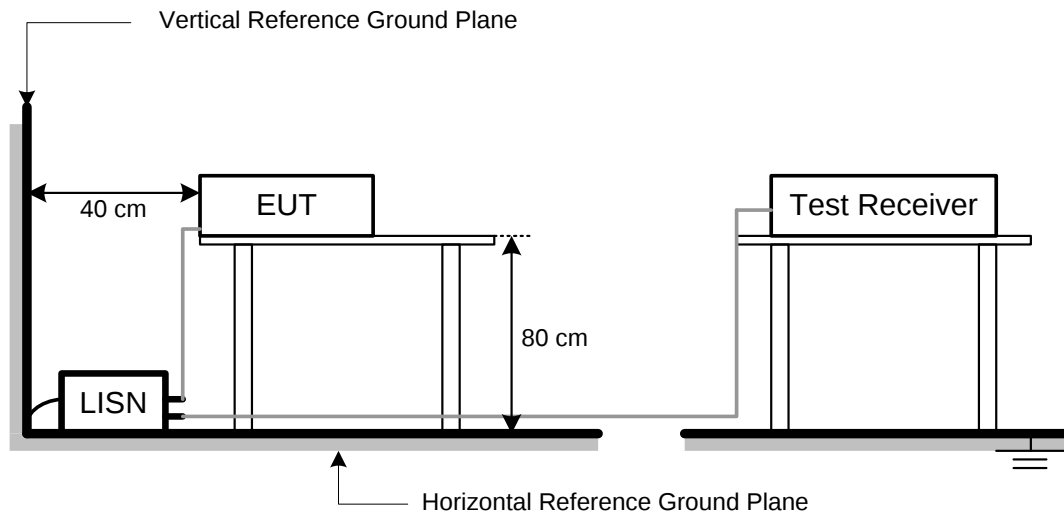
NOTE:

- (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

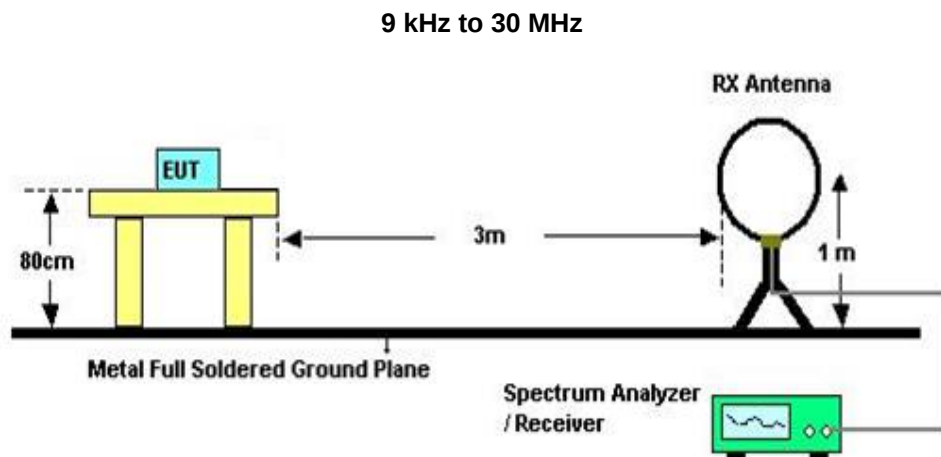
4.2 TEST PROCEDURE

- 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.

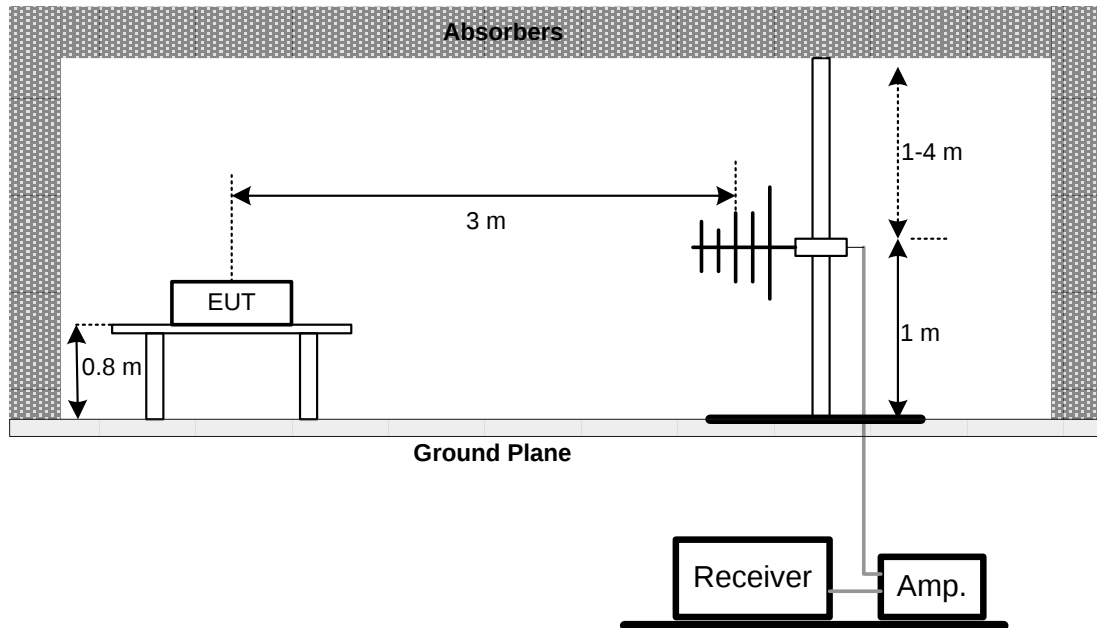
4.3 DEVIATION FROM TEST STANDARD

No deviation.

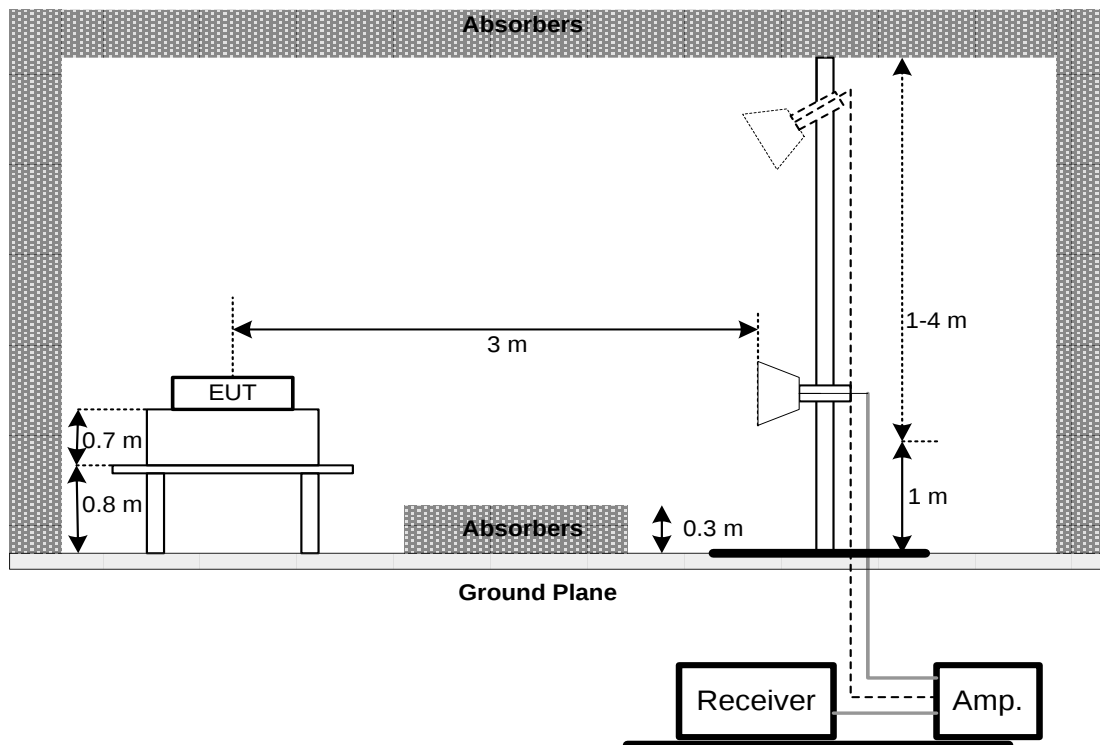
4.4 TEST SETUP



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	EMCCFD300-BM-BMR-6000	170714	2021/6/7	2022/6/6
3	EMI Test Receiver	R&S	ESR 7	101433	2021/11/24	2022/11/23
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	EMC02325	980217	2021/4/8	2022/4/7
2	Preamplifier	EMCI	EMC012645B	980222	2021/4/8	2022/4/7
3	Preamplifier	EMCI	EMC001340	980555	2021/4/8	2022/4/7
4	Test Cable	EMCI	EMC104-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	MY56400087	2021/5/27	2022/5/26
8	Signal Analyzer	Agilent	N9010A	MY56480554	2021/8/25	2022/8/24
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	340	2021/7/9	2022/7/8
12	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-352	2021/8/11	2022/8/10
13	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0625	2021/8/11	2022/8/10
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	ML2487A	6K00004714	2021/8/15	2022/8/14
2	Power Sensor	Anritsu	MA2491A	034138	2021/8/15	2022/8/14

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

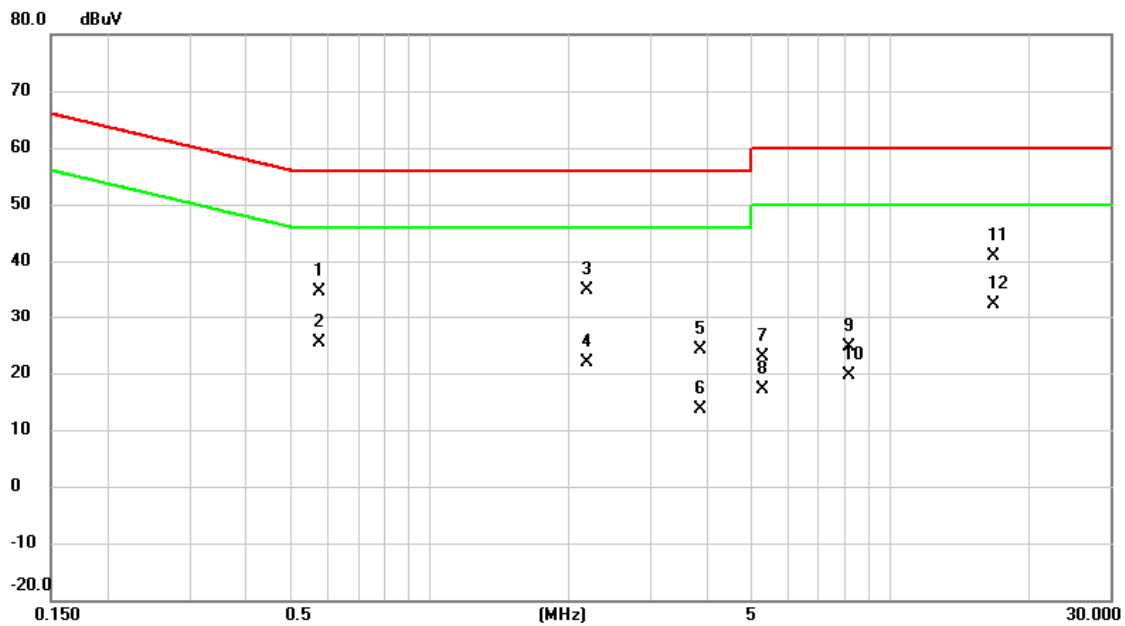
Please refer to document Appendix No.: TP-2108T113A-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2108T113A-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2021/12/8
Test Frequency	-	Phase	Line



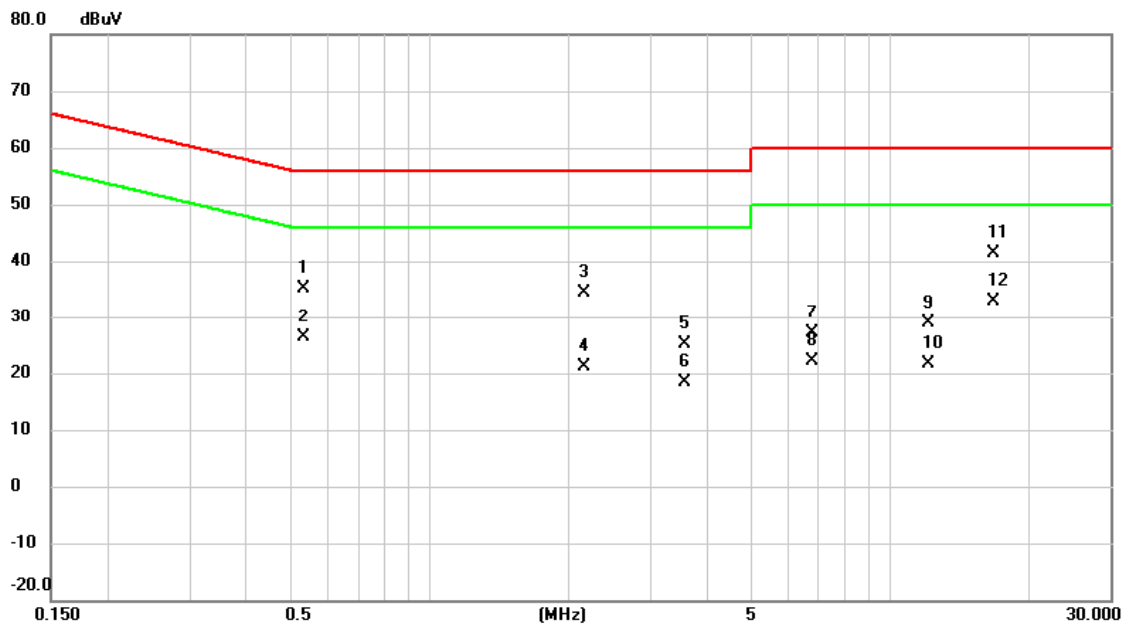
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.5775	24.85	9.73	34.58	56.00	-21.42	QP	
2		0.5775	15.63	9.73	25.36	46.00	-20.64	AVG	
3		2.1908	25.06	9.78	34.84	56.00	-21.16	QP	
4		2.1908	12.19	9.78	21.97	46.00	-24.03	AVG	
5		3.8445	14.16	9.88	24.04	56.00	-31.96	QP	
6		3.8445	3.72	9.88	13.60	46.00	-32.40	AVG	
7		5.3024	12.82	9.99	22.81	60.00	-37.19	QP	
8		5.3024	7.03	9.99	17.02	50.00	-32.98	AVG	
9		8.1713	14.66	10.06	24.72	60.00	-35.28	QP	
10		8.1713	9.52	10.06	19.58	50.00	-30.42	AVG	
11		16.7798	30.69	10.20	40.89	60.00	-19.11	QP	
12	*	16.7798	22.10	10.20	32.30	50.00	-17.70	AVG	

REMARKS:

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

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

Test Mode	Normal	Tested Date	2021/12/8
Test Frequency	-	Phase	Neutral



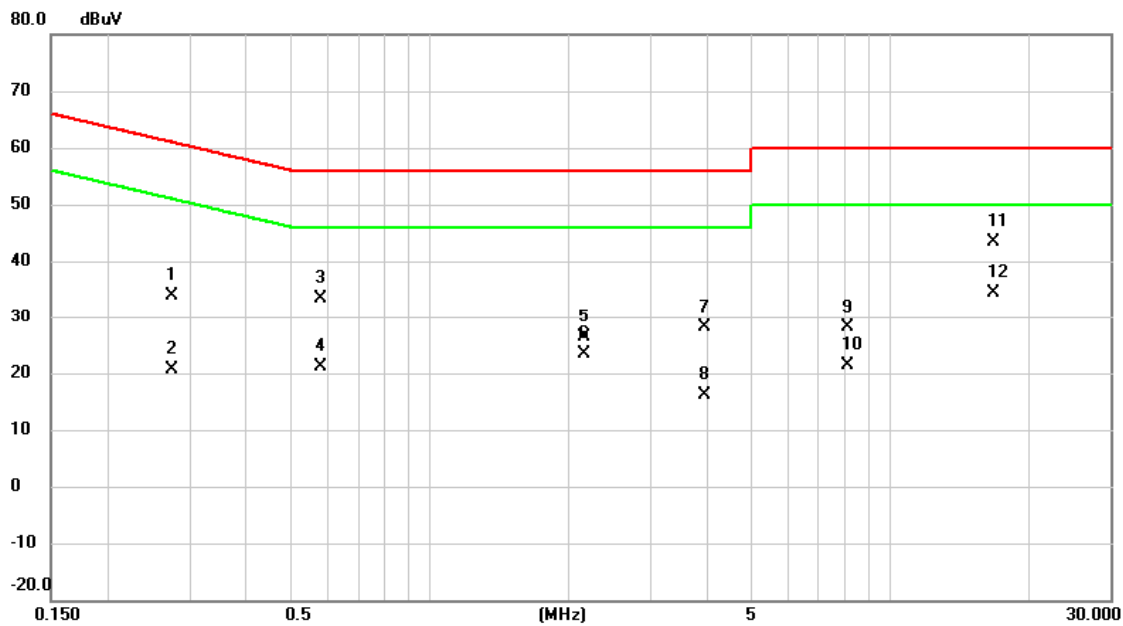
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.5347	25.49	9.74	35.23	56.00	-20.77	QP	
2		0.5347	16.74	9.74	26.48	46.00	-19.52	AVG	
3		2.1660	24.56	9.78	34.34	56.00	-21.66	QP	
4		2.1660	11.26	9.78	21.04	46.00	-24.96	AVG	
5		3.5678	15.17	9.87	25.04	56.00	-30.96	QP	
6		3.5678	8.40	9.87	18.27	46.00	-27.73	AVG	
7		6.7650	17.03	10.05	27.08	60.00	-32.92	QP	
8		6.7650	12.06	10.05	22.11	50.00	-27.89	AVG	
9		12.1358	18.75	10.20	28.95	60.00	-31.05	QP	
10		12.1358	11.50	10.20	21.70	50.00	-28.30	AVG	
11		16.7100	31.15	10.29	41.44	60.00	-18.56	QP	
12	*	16.7100	22.53	10.29	32.82	50.00	-17.18	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2021/12/8
Test Frequency	-	Phase	Line



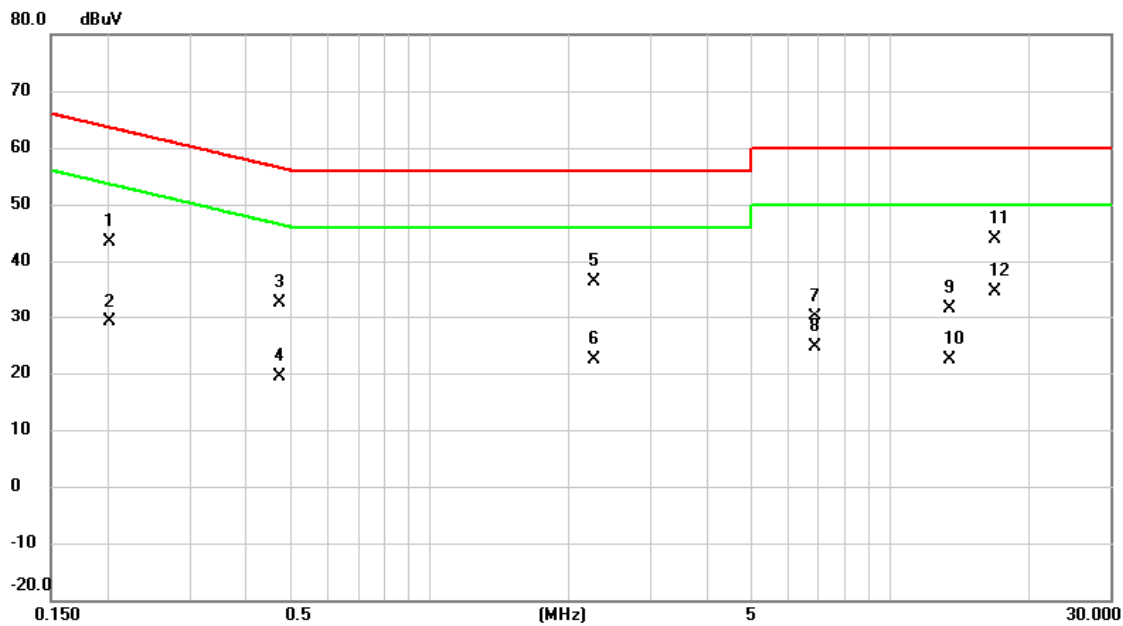
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2737	24.06	9.73	33.79	61.00	-27.21	QP	
2		0.2737	10.97	9.73	20.70	51.00	-30.30	AVG	
3		0.5797	23.56	9.73	33.29	56.00	-22.71	QP	
4		0.5797	11.29	9.73	21.02	46.00	-24.98	AVG	
5		2.1570	16.68	9.77	26.45	56.00	-29.55	QP	
6		2.1570	13.53	9.77	23.30	46.00	-22.70	AVG	
7		3.9300	18.12	9.89	28.01	56.00	-27.99	QP	
8		3.9300	6.26	9.89	16.15	46.00	-29.85	AVG	
9		8.1173	17.96	10.06	28.02	60.00	-31.98	QP	
10		8.1173	11.39	10.06	21.45	50.00	-28.55	AVG	
11		16.7775	33.29	10.20	43.49	60.00	-16.51	QP	
12	*	16.7775	24.18	10.20	34.38	50.00	-15.62	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2021/12/8
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2017	33.63	9.72	43.35	63.54	-20.19	QP	
2		0.2017	19.35	9.72	29.07	53.54	-24.47	AVG	
3		0.4717	22.85	9.74	32.59	56.48	-23.89	QP	
4		0.4717	9.75	9.74	19.49	46.48	-26.99	AVG	
5		2.2628	26.71	9.79	36.50	56.00	-19.50	QP	
6		2.2628	12.62	9.79	22.41	46.00	-23.59	AVG	
7		6.8573	20.03	10.05	30.08	60.00	-29.92	QP	
8		6.8573	14.52	10.05	24.57	50.00	-25.43	AVG	
9		13.4093	21.34	10.22	31.56	60.00	-28.44	QP	
10		13.4093	12.26	10.22	22.48	50.00	-27.52	AVG	
11		16.8743	33.56	10.29	43.85	60.00	-16.15	QP	
12	*	16.8743	24.41	10.29	34.70	50.00	-15.30	AVG	

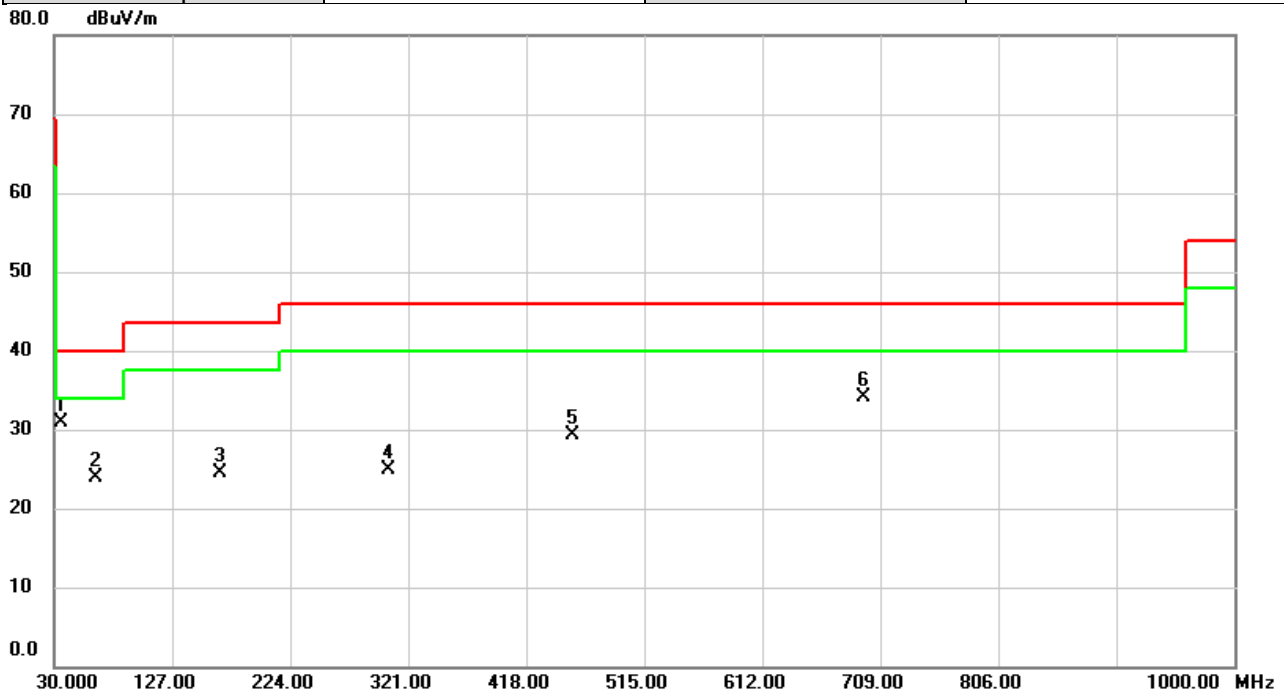
REMARKS:

(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	2021/12/9
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

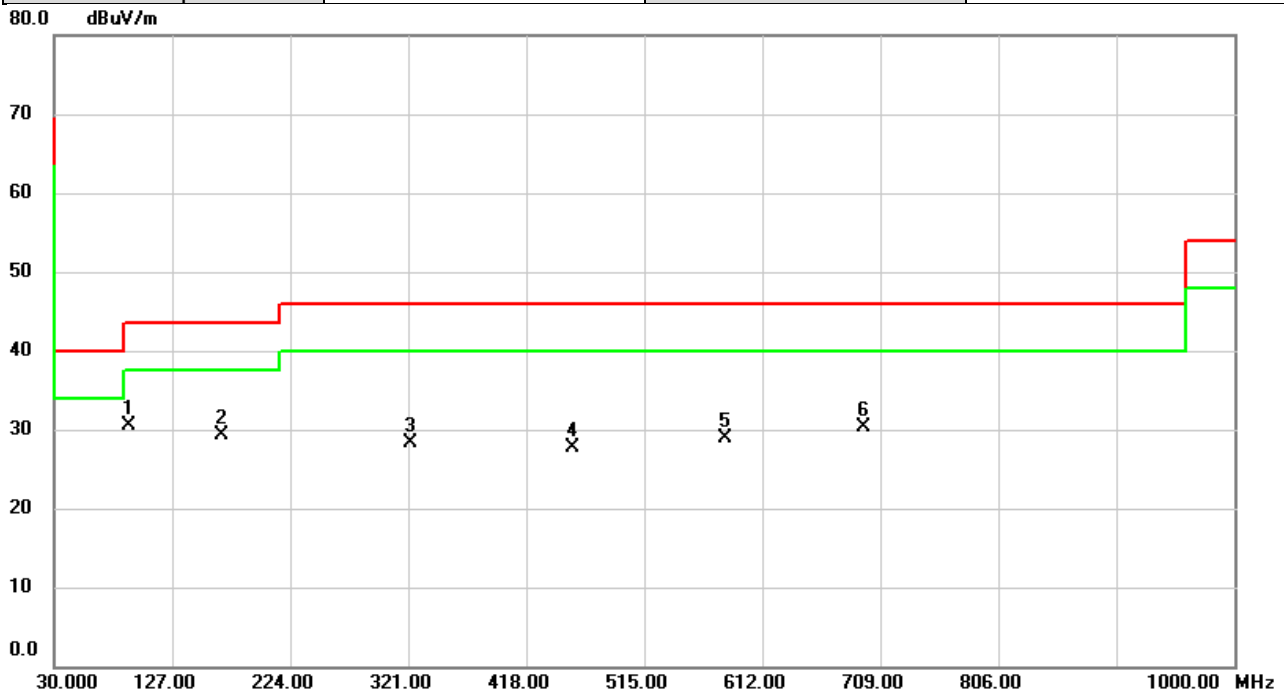


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	36.3050	40.57	-9.57	31.00	40.00	-9.00	peak	
2		64.8230	33.92	-10.11	23.81	40.00	-16.19	peak	
3		166.5760	33.74	-9.26	24.48	43.50	-19.02	peak	
4		304.6717	33.08	-8.16	24.92	46.00	-21.08	peak	
5		456.0240	33.59	-4.29	29.30	46.00	-16.70	peak	
6		696.0020	34.00	0.06	34.06	46.00	-11.94	peak	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/9
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%



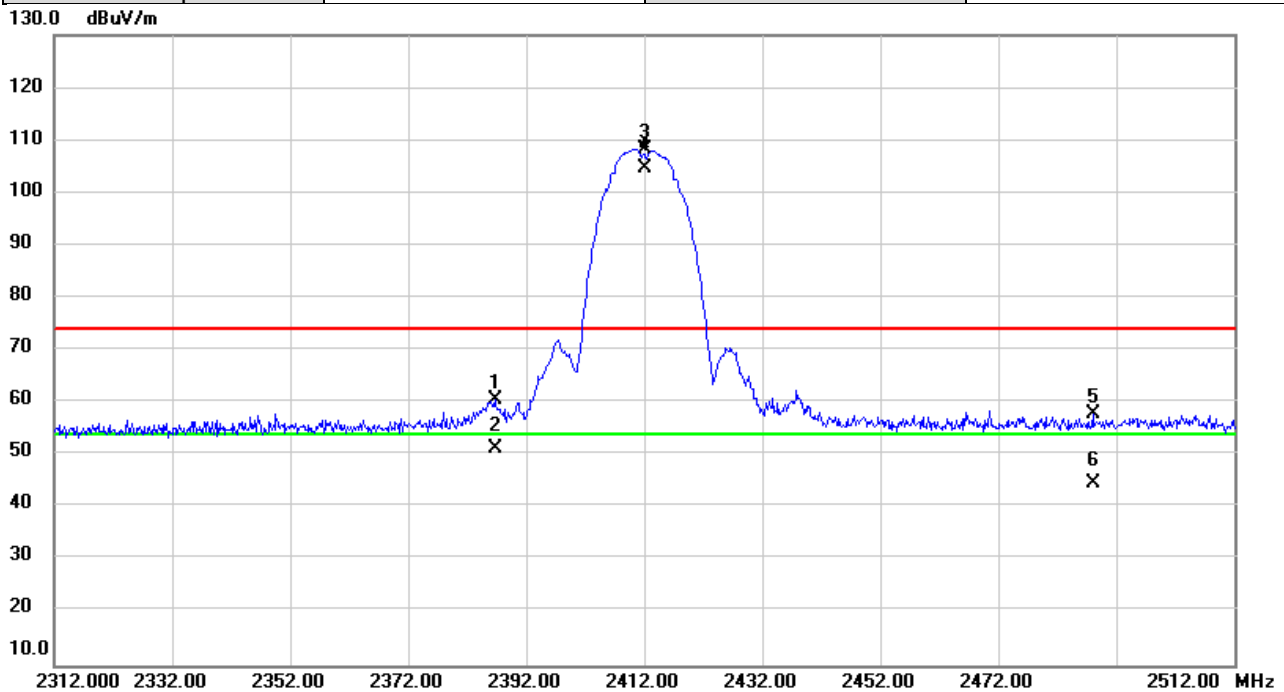
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	91.6273	45.49	-14.91	30.58	43.50	-12.92	peak	
2		167.3520	38.52	-9.29	29.23	43.50	-14.27	peak	
3		322.5520	36.06	-7.80	28.26	46.00	-17.74	peak	
4		456.0240	31.94	-4.29	27.65	46.00	-18.35	peak	
5		581.2186	30.53	-1.66	28.87	46.00	-17.13	peak	
6		696.0343	30.34	0.06	30.40	46.00	-15.60	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	2021/12/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	65%



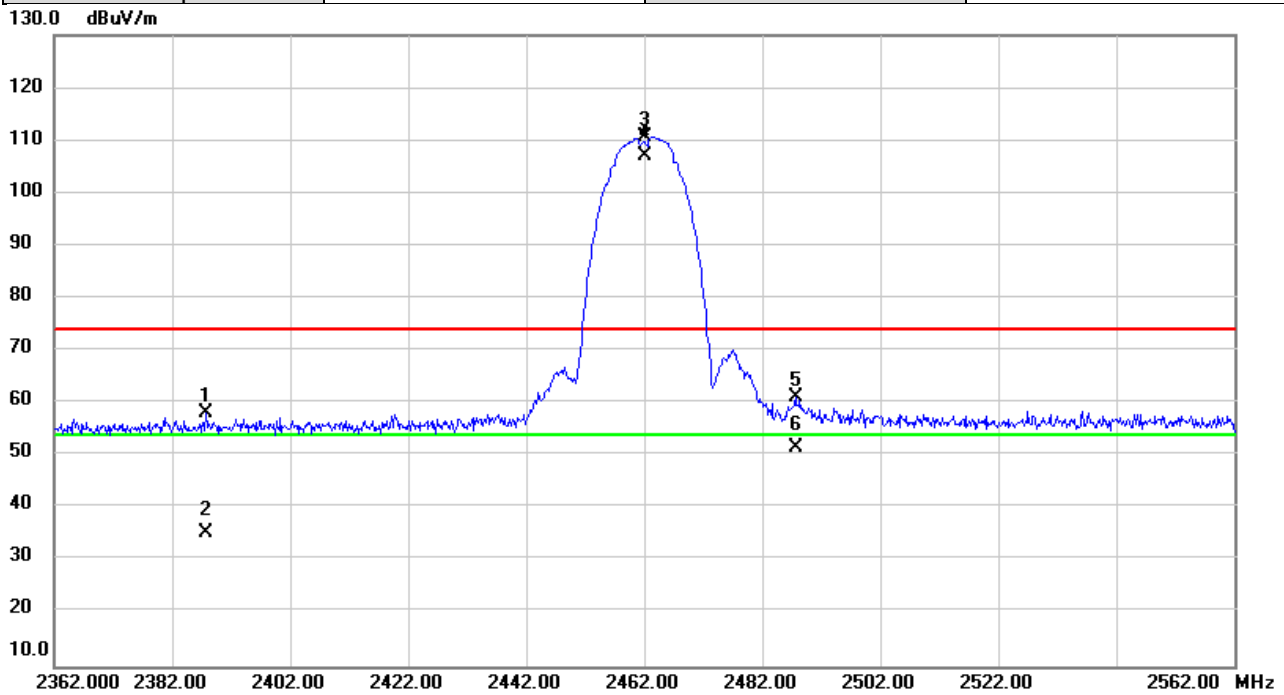
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.747	29.20	31.21	60.41	74.00	-13.59	peak	
2		2386.747	20.01	31.21	51.22	54.00	-2.78	AVG	
3	X	2412.000	76.95	31.28	108.23	74.00	34.23	peak	NoLimit
4	*	2412.000	73.32	31.28	104.60	54.00	50.60	AVG	NoLimit
5		2488.147	26.30	31.53	57.83	74.00	-16.17	peak	
6		2488.147	13.23	31.53	44.76	54.00	-9.24	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

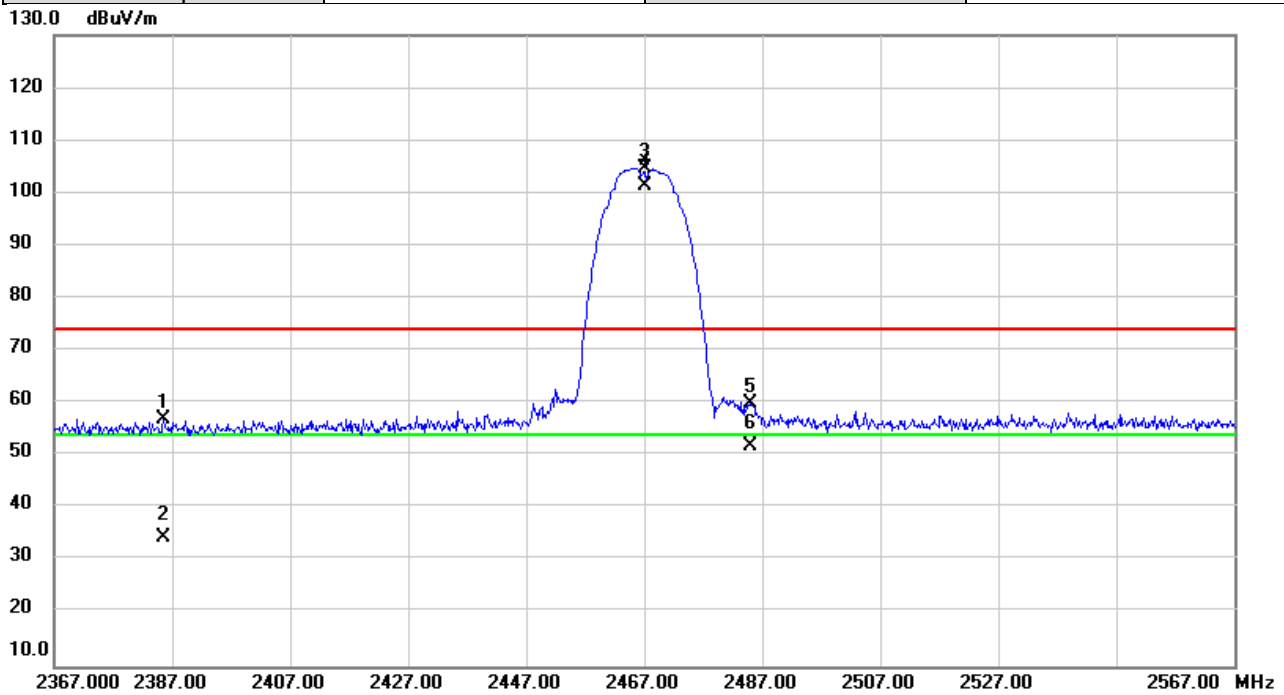


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.747	26.86	31.21	58.07	74.00	-15.93	peak	
2		2387.747	4.17	31.21	35.38	54.00	-18.62	AVG	
3	X	2462.000	79.21	31.44	110.65	74.00	36.65	peak	NoLimit
4	*	2462.000	75.76	31.44	107.20	54.00	53.20	AVG	NoLimit
5		2487.693	29.69	31.53	61.22	74.00	-12.78	peak	
6		2487.693	19.96	31.53	51.49	54.00	-2.51	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

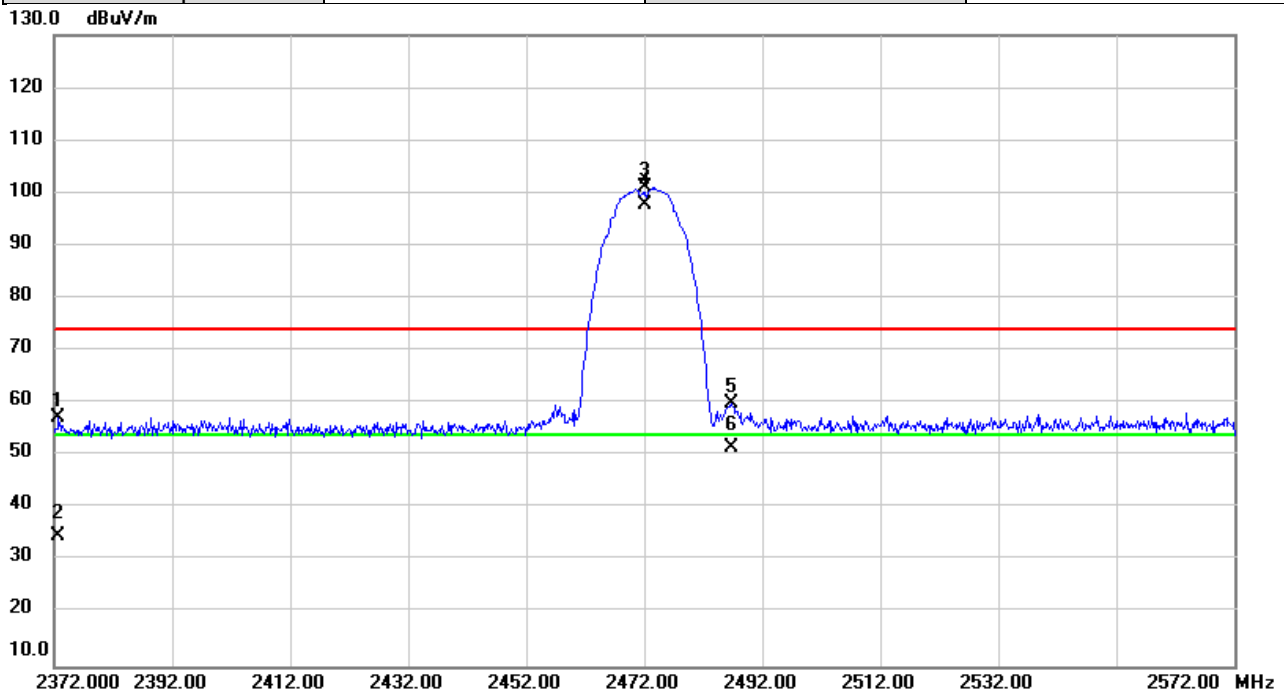


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2385.480	25.72	31.19	56.91	74.00	-17.09	peak	
2		2385.480	3.34	31.19	34.53	54.00	-19.47	AVG	
3	X	2467.000	73.27	31.46	104.73	74.00	30.73	peak	NoLimit
4	*	2467.000	69.88	31.46	101.34	54.00	47.34	AVG	NoLimit
5		2484.993	28.57	31.52	60.09	74.00	-13.91	peak	
6		2484.993	20.23	31.52	51.75	54.00	-2.25	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

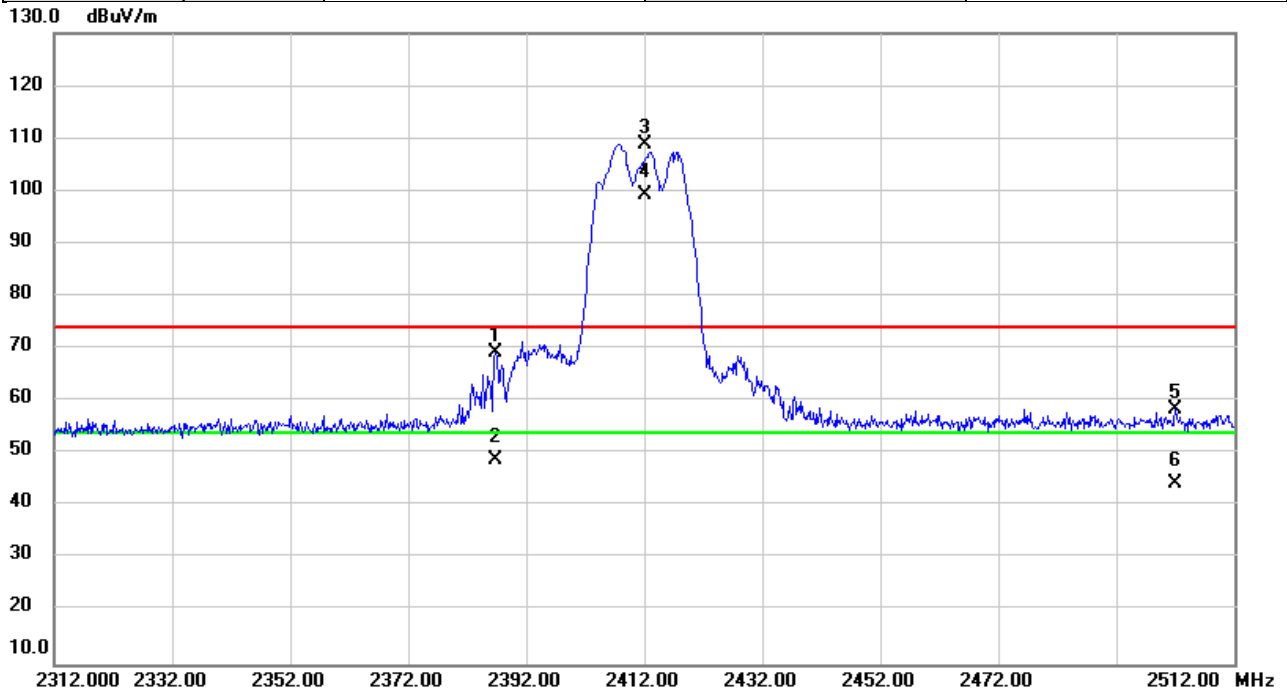


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2372.667	26.22	31.16	57.38	74.00	-16.62	peak	
2		2372.667	3.64	31.16	34.80	54.00	-19.20	AVG	
3	X	2472.000	69.44	31.48	100.92	74.00	26.92	peak	NoLimit
4	*	2472.000	66.15	31.48	97.63	54.00	43.63	AVG	NoLimit
5		2486.720	28.29	31.53	59.82	74.00	-14.18	peak	
6		2486.720	20.03	31.53	51.56	54.00	-2.44	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

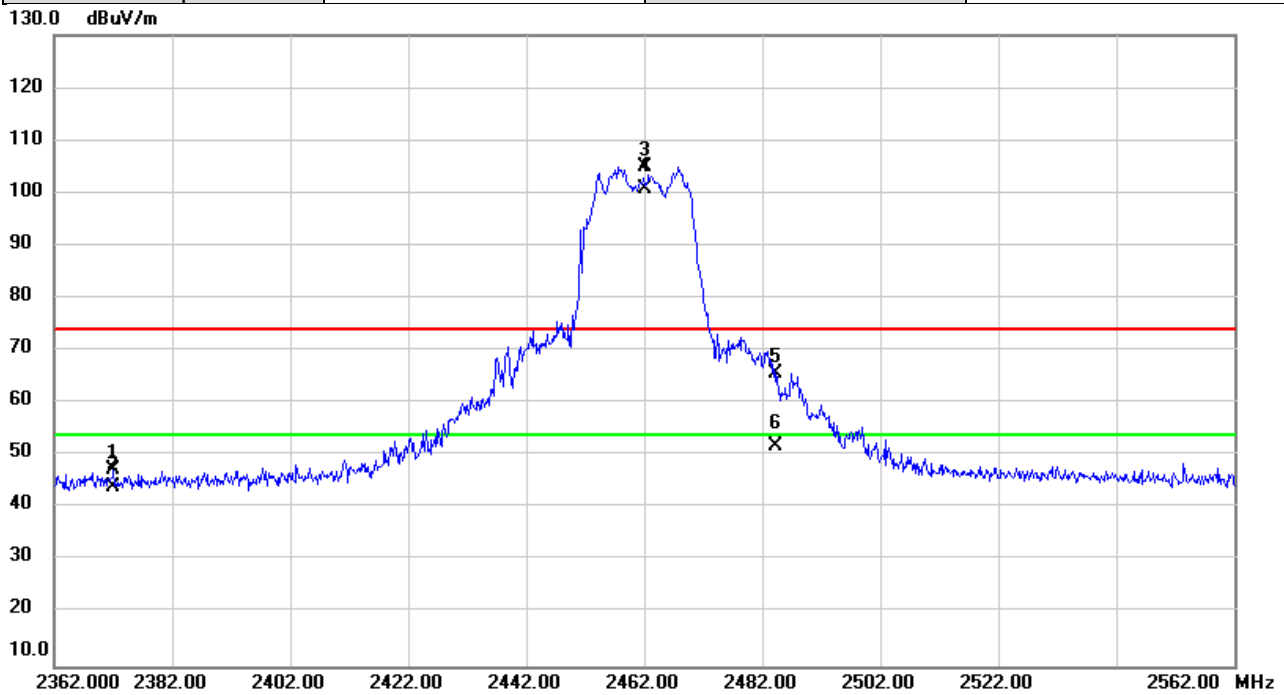


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.900	37.92	31.21	69.13	74.00	-4.87	peak	
2		2386.900	17.65	31.21	48.86	54.00	-5.14	AVG	
3	X	2412.000	77.49	31.28	108.77	74.00	34.77	peak	NoLimit
4	*	2412.000	67.98	31.28	99.26	54.00	45.26	AVG	NoLimit
5		2502.027	26.83	31.57	58.40	74.00	-15.60	peak	
6		2502.027	12.67	31.57	44.24	54.00	-9.76	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

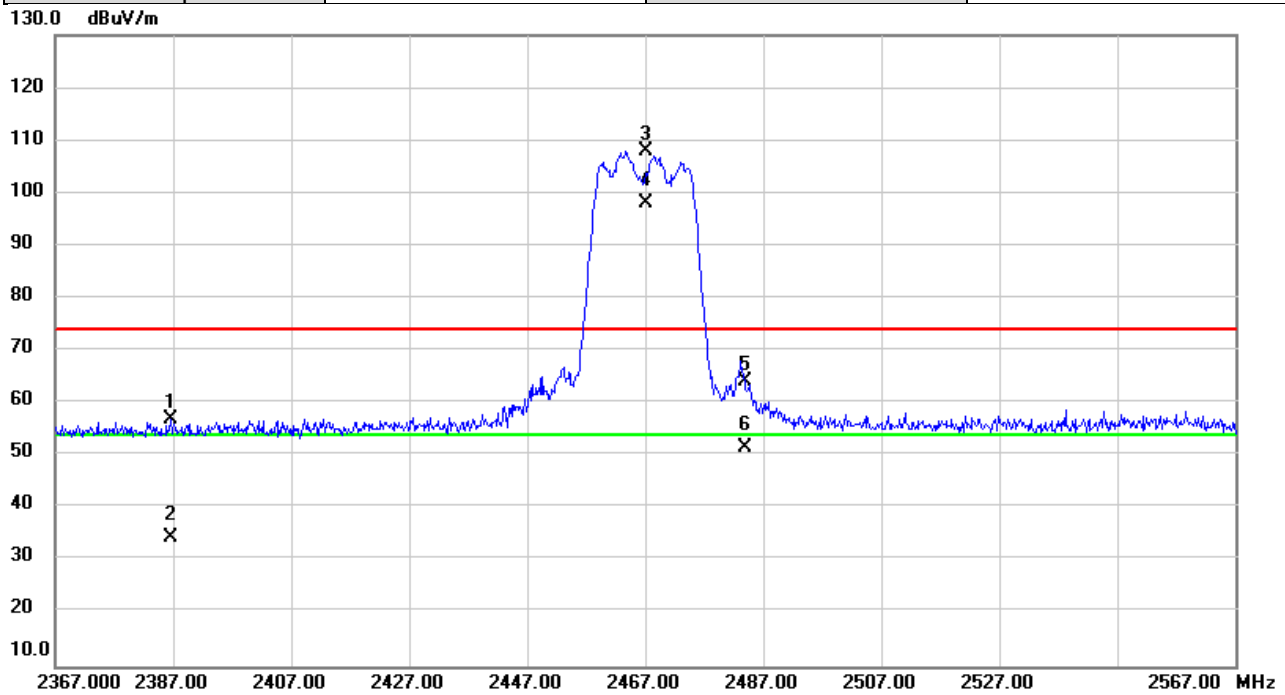


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2372.080	16.13	31.16	47.29	74.00	-26.71	peak	
2		2372.080	12.96	31.16	44.12	54.00	-9.88	AVG	
3	X	2462.000	73.58	31.44	105.02	74.00	31.02	peak	NoLimit
4	*	2462.000	69.30	31.44	100.74	54.00	46.74	AVG	NoLimit
5		2484.247	34.19	31.52	65.71	74.00	-8.29	peak	
6		2484.247	20.18	31.52	51.70	54.00	-2.30	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

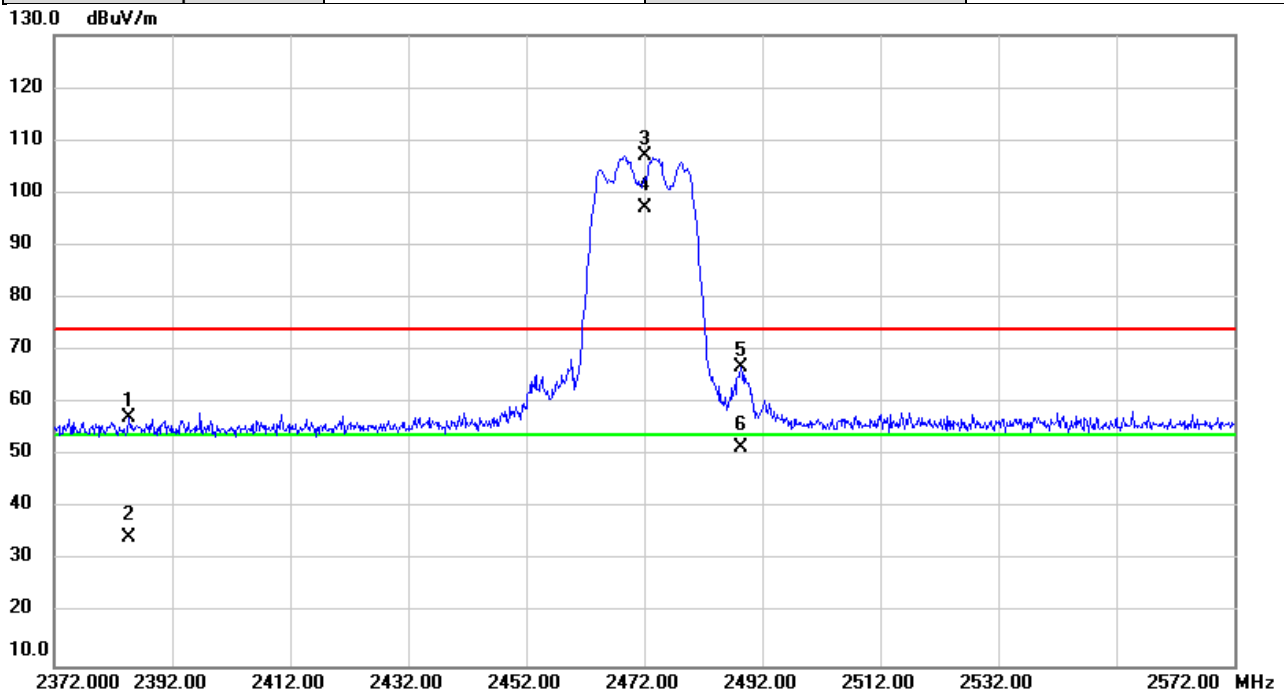


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2386.473	25.74	31.20	56.94	74.00	-17.06	peak	
2		2386.473	3.23	31.20	34.43	54.00	-19.57	AVG	
3	X	2467.000	76.55	31.46	108.01	74.00	34.01	peak	NoLimit
4	*	2467.000	66.57	31.46	98.03	54.00	44.03	AVG	NoLimit
5		2483.953	32.63	31.52	64.15	74.00	-9.85	peak	
6		2483.953	19.93	31.52	51.45	54.00	-2.55	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

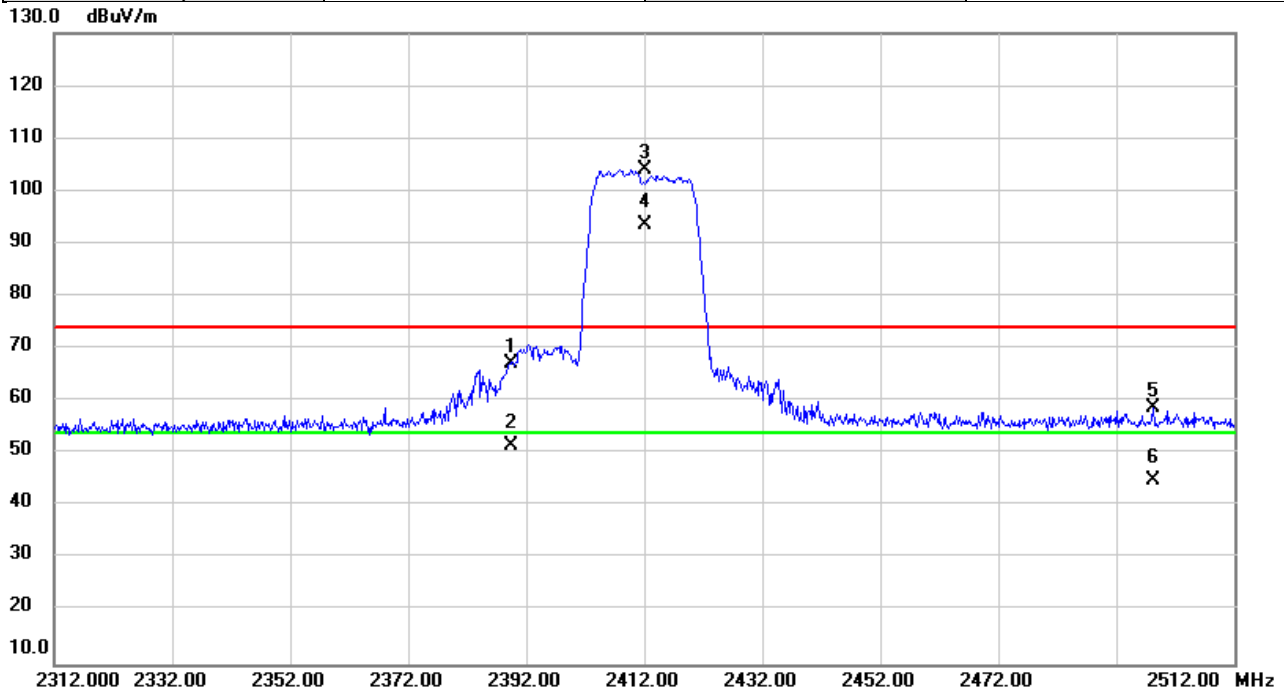


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2384.753	26.14	31.19	57.33	74.00	-16.67	peak	
2		2384.753	3.30	31.19	34.49	54.00	-19.51	AVG	
3	X	2472.000	75.64	31.48	107.12	74.00	33.12	peak	NoLimit
4	*	2472.000	65.62	31.48	97.10	54.00	43.10	AVG	NoLimit
5		2488.293	35.29	31.53	66.82	74.00	-7.18	peak	
6		2488.293	20.05	31.53	51.58	54.00	-2.42	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

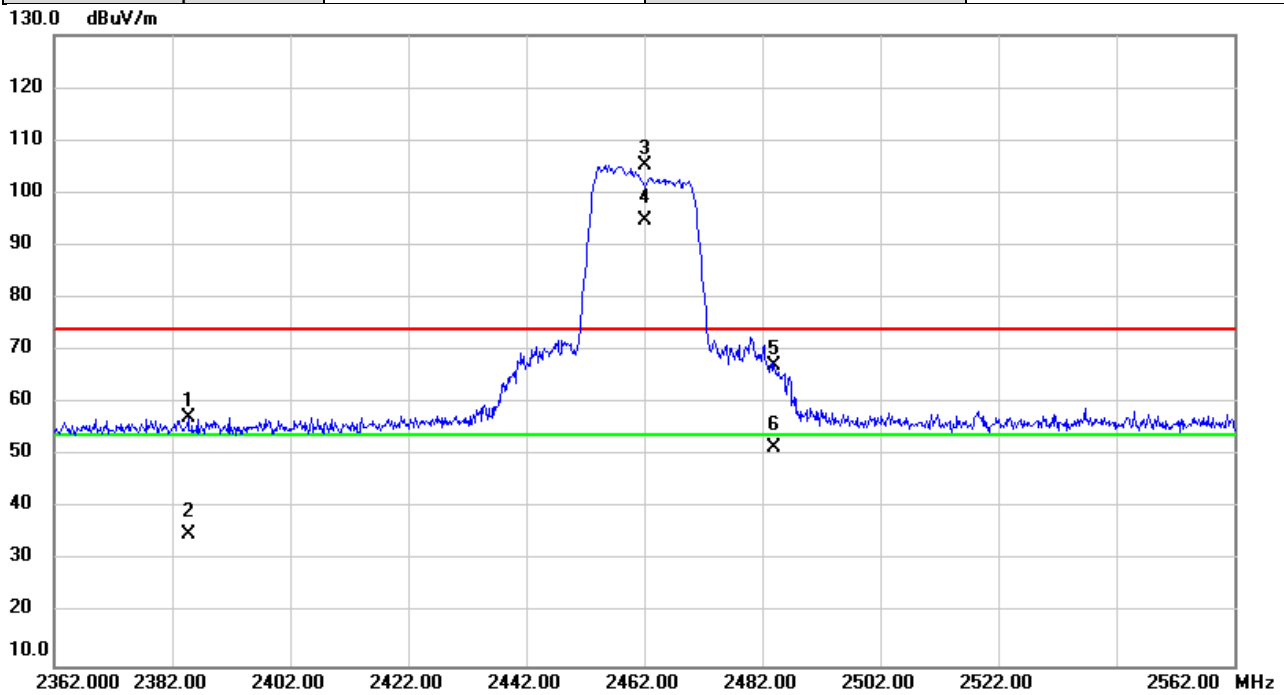


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2389.393	35.98	31.21	67.19	74.00	-6.81	peak	
2		2389.393	20.25	31.21	51.46	54.00	-2.54	AVG	
3	X	2412.000	72.87	31.28	104.15	74.00	30.15	peak	NoLimit
4	*	2412.000	62.33	31.28	93.61	54.00	39.61	AVG	NoLimit
5		2498.340	27.18	31.57	58.75	74.00	-15.25	peak	
6		2498.340	13.25	31.57	44.82	54.00	-9.18	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

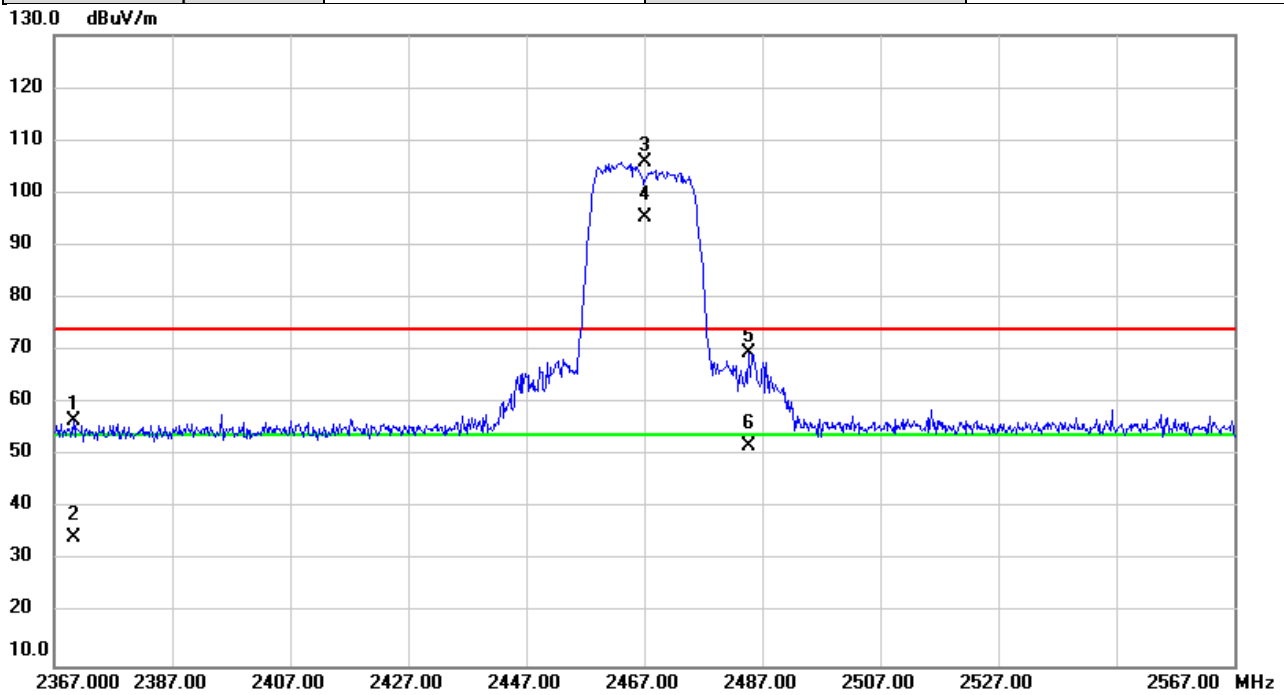


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2384.740	26.20	31.19	57.39	74.00	-16.61	peak	
2		2384.740	3.79	31.19	34.98	54.00	-19.02	AVG	
3	X	2462.000	73.82	31.44	105.26	74.00	31.26	peak	NoLimit
4	*	2462.000	63.32	31.44	94.76	54.00	40.76	AVG	NoLimit
5		2484.040	35.59	31.52	67.11	74.00	-6.89	peak	
6		2484.040	19.97	31.52	51.49	54.00	-2.51	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

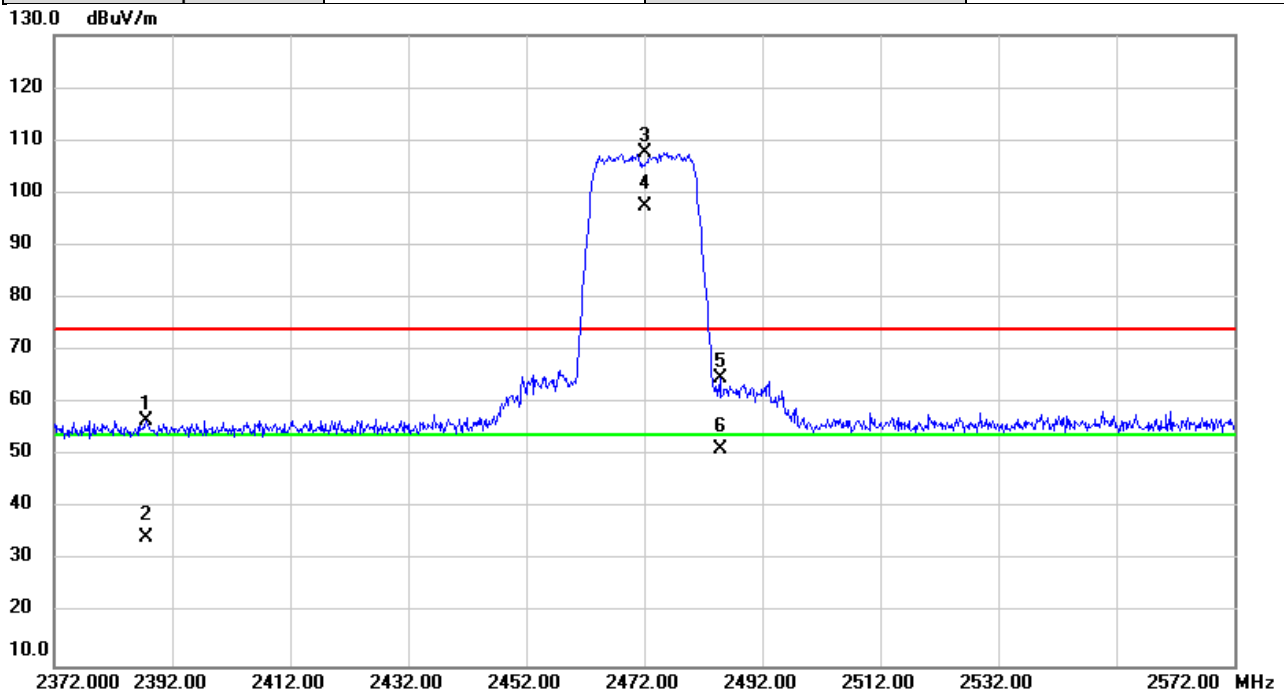


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2370.353	25.57	31.14	56.71	74.00	-17.29	peak	
2		2370.353	3.25	31.14	34.39	54.00	-19.61	AVG	
3	X	2467.000	74.36	31.46	105.82	74.00	31.82	peak	NoLimit
4	*	2467.000	63.88	31.46	95.34	54.00	41.34	AVG	NoLimit
5		2484.633	38.00	31.52	69.52	74.00	-4.48	peak	
6		2484.633	20.32	31.52	51.84	54.00	-2.16	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

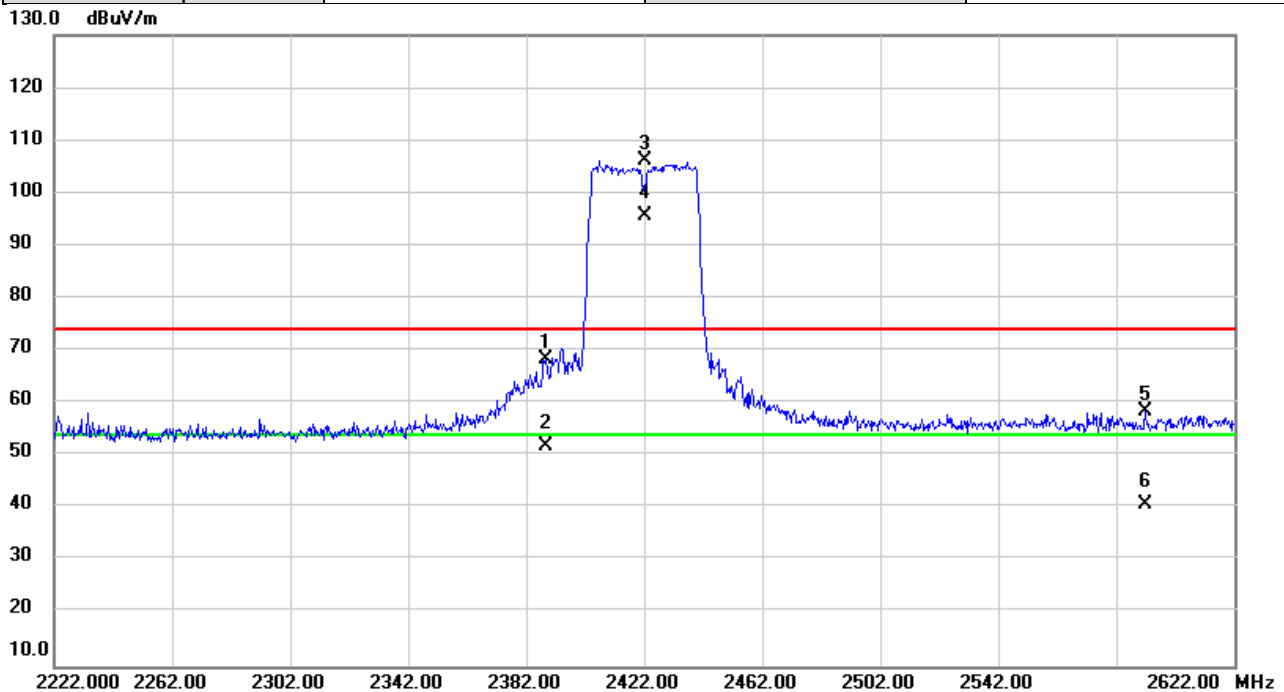


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.680	25.47	31.21	56.68	74.00	-17.32	peak	
2		2387.680	3.21	31.21	34.42	54.00	-19.58	AVG	
3	X	2472.000	76.18	31.48	107.66	74.00	33.66	peak	NoLimit
4	*	2472.000	65.84	31.48	97.32	54.00	43.32	AVG	NoLimit
5		2484.880	33.17	31.52	64.69	74.00	-9.31	peak	
6		2484.880	19.69	31.52	51.21	54.00	-2.79	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2422MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

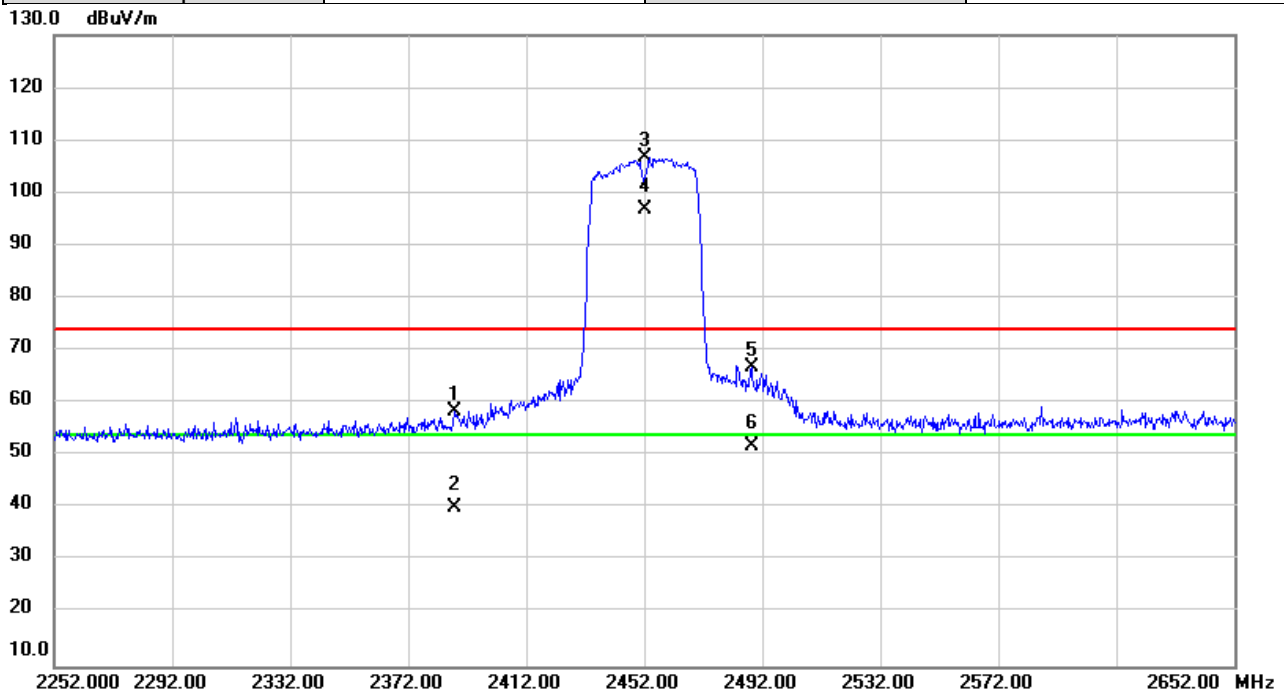


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.600	37.11	31.21	68.32	74.00	-5.68	peak	
2		2388.600	20.76	31.21	51.97	54.00	-2.03	AVG	
3	X	2422.000	74.84	31.32	106.16	74.00	32.16	peak	NoLimit
4	*	2422.000	64.21	31.32	95.53	54.00	41.53	AVG	NoLimit
5		2591.973	26.77	31.83	58.60	74.00	-15.40	peak	
6		2591.973	8.99	31.83	40.82	54.00	-13.18	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2452MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

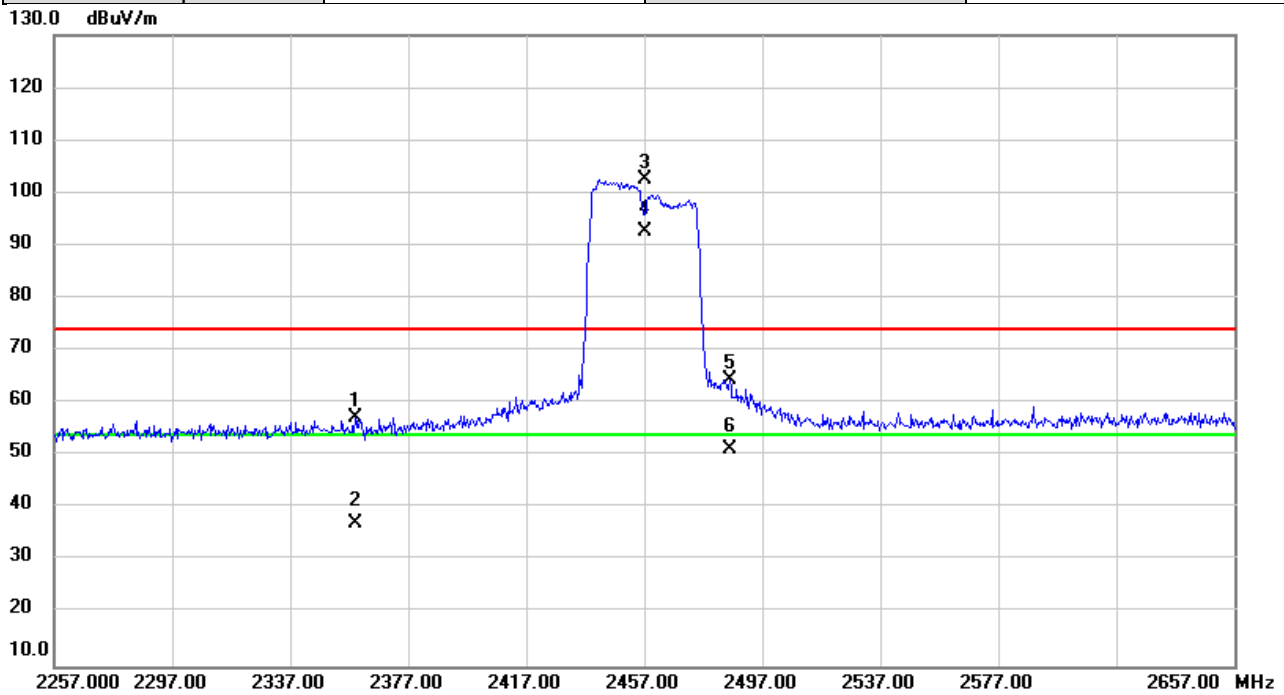


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.973	27.19	31.21	58.40	74.00	-15.60	peak	
2		2387.973	8.94	31.21	40.15	54.00	-13.85	AVG	
3	X	2452.000	75.35	31.42	106.77	74.00	32.77	peak	NoLimit
4	*	2452.000	65.45	31.42	96.87	54.00	42.87	AVG	NoLimit
5		2488.307	35.34	31.53	66.87	74.00	-7.13	peak	
6		2488.307	20.42	31.53	51.95	54.00	-2.05	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2457MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

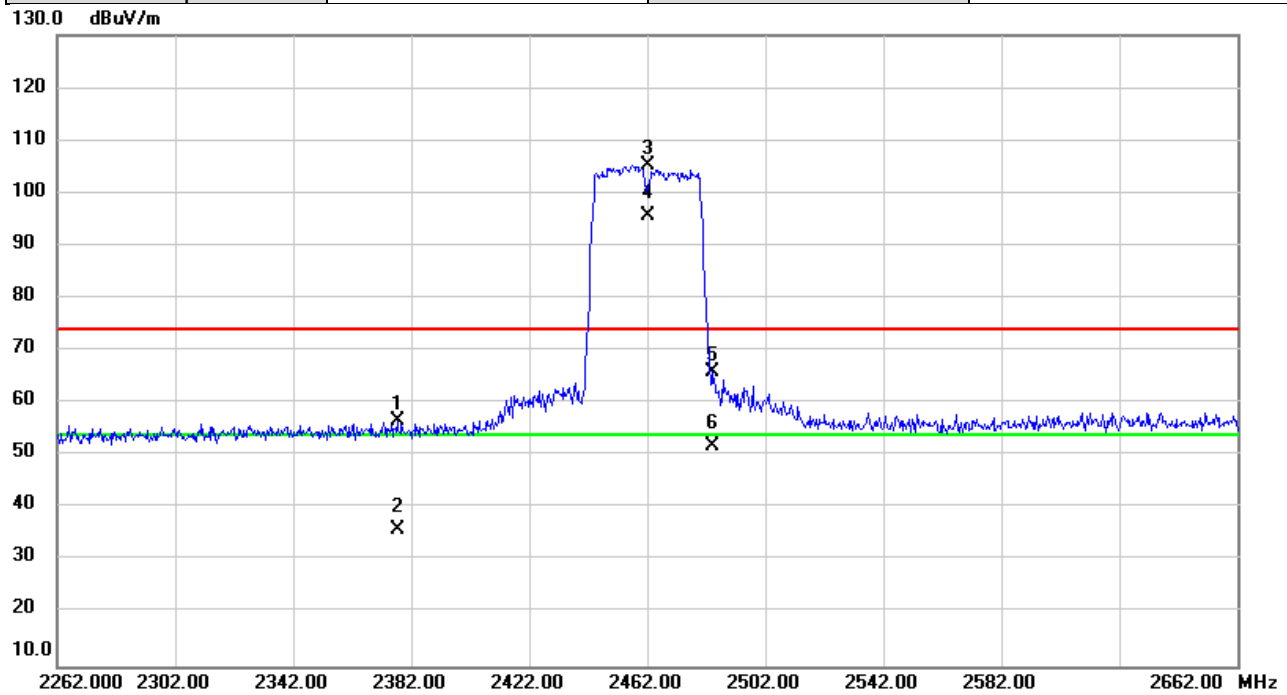


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2359.280	26.27	31.11	57.38	74.00	-16.62	peak	
2		2359.280	6.13	31.11	37.24	54.00	-16.76	AVG	
3	X	2457.000	71.11	31.43	102.54	74.00	28.54	peak	NoLimit
4	*	2457.000	61.20	31.43	92.63	54.00	38.63	AVG	NoLimit
5		2486.053	33.04	31.52	64.56	74.00	-9.44	peak	
6		2486.053	19.61	31.52	51.13	54.00	-2.87	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

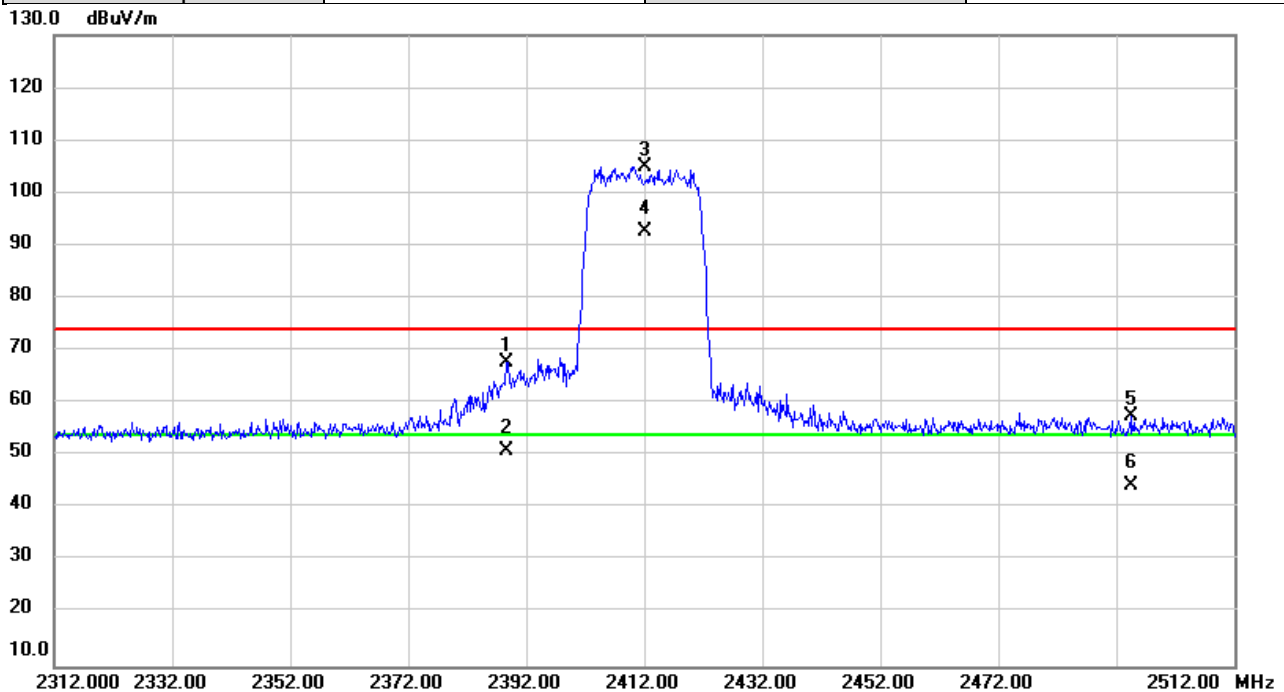


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2377.480	25.36	31.17	56.53	74.00	-17.47	peak	
2		2377.480	4.76	31.17	35.93	54.00	-18.07	AVG	
3	X	2462.000	73.68	31.44	105.12	74.00	31.12	peak	NoLimit
4	*	2462.000	64.26	31.44	95.70	54.00	41.70	AVG	NoLimit
5		2484.307	34.45	31.52	65.97	74.00	-8.03	peak	
6		2484.307	20.20	31.52	51.72	54.00	-2.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

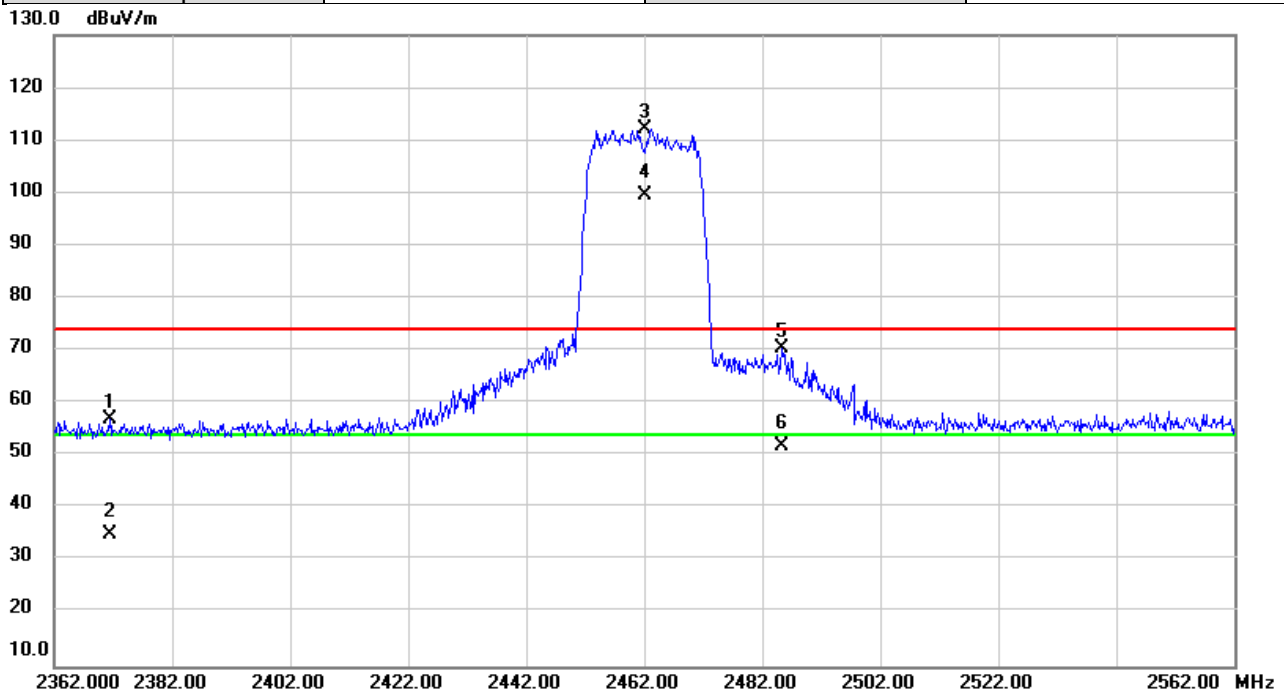


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.600	36.66	31.21	67.87	74.00	-6.13	peak	
2		2388.600	19.77	31.21	50.98	54.00	-3.02	AVG	
3	X	2412.000	73.81	31.28	105.09	74.00	31.09	peak	NoLimit
4	*	2412.000	61.36	31.28	92.64	54.00	38.64	AVG	NoLimit
5		2494.533	26.07	31.56	57.63	74.00	-16.37	peak	
6		2494.533	12.68	31.56	44.24	54.00	-9.76	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

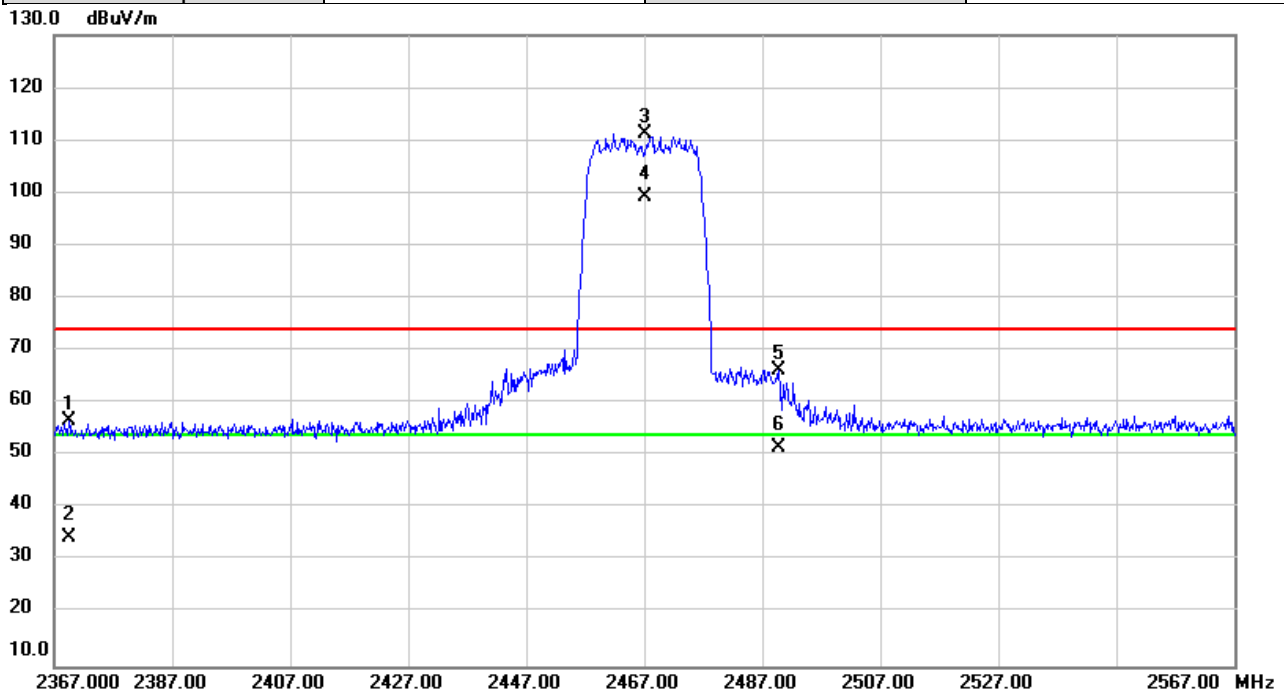


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2371.513	25.84	31.16	57.00	74.00	-17.00	peak	
2		2371.513	3.91	31.16	35.07	54.00	-18.93	AVG	
3	X	2462.000	80.80	31.44	112.24	74.00	38.24	peak	NoLimit
4	*	2462.000	68.04	31.44	99.48	54.00	45.48	AVG	NoLimit
5		2485.320	38.89	31.52	70.41	74.00	-3.59	peak	
6		2485.320	20.27	31.52	51.79	54.00	-2.21	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

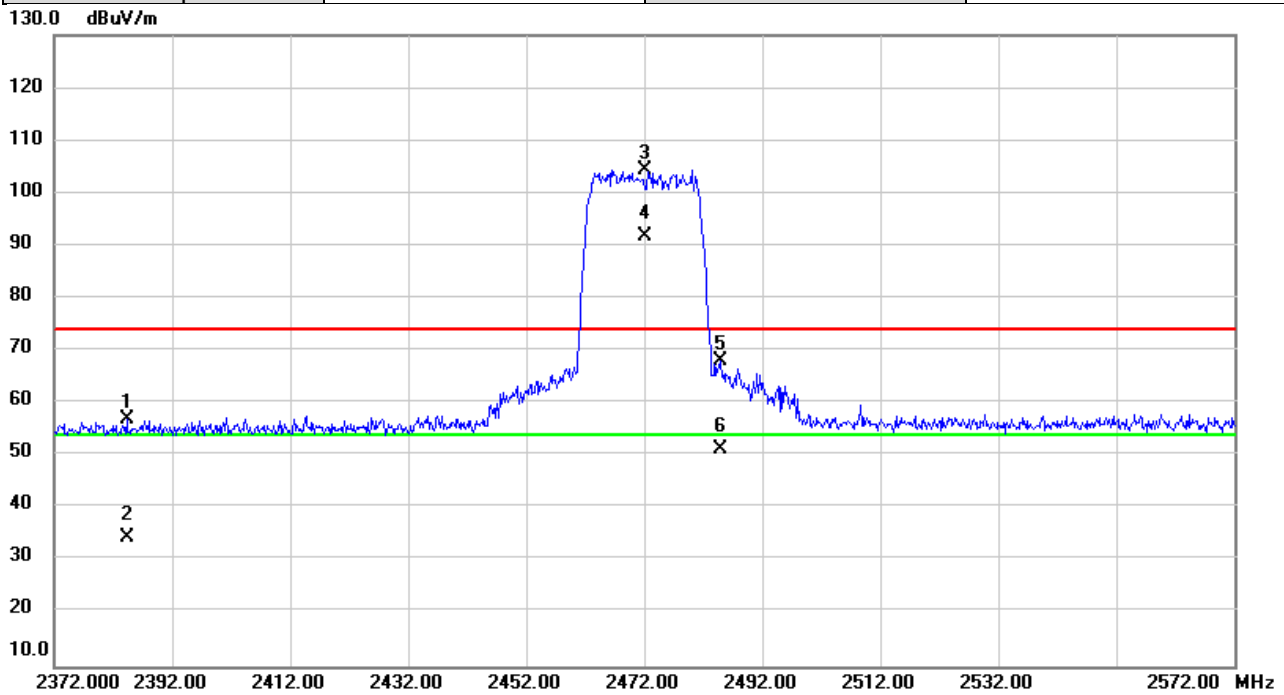


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2369.473	25.44	31.14	56.58	74.00	-17.42	peak	
2		2369.473	3.32	31.14	34.46	54.00	-19.54	AVG	
3	X	2467.000	79.77	31.46	111.23	74.00	37.23	peak	NoLimit
4	*	2467.000	67.87	31.46	99.33	54.00	45.33	AVG	NoLimit
5		2489.920	34.75	31.53	66.28	74.00	-7.72	peak	
6		2489.920	20.13	31.53	51.66	54.00	-2.34	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

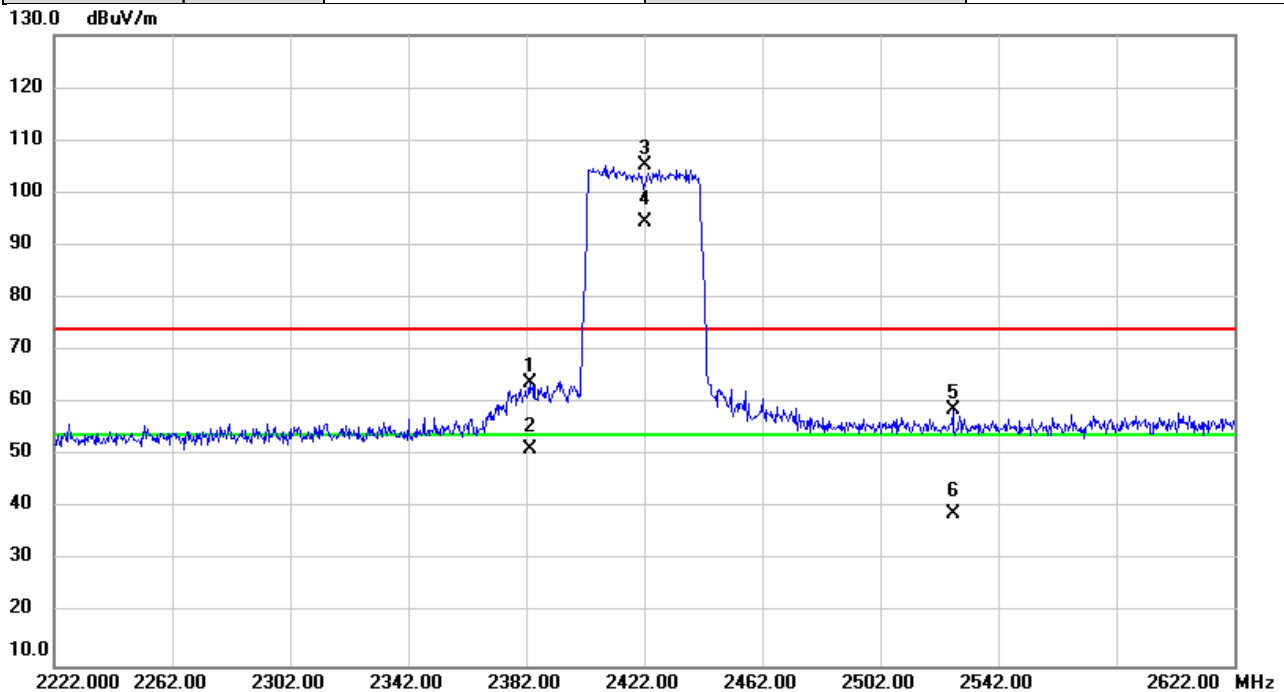


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2384.280	25.84	31.19	57.03	74.00	-16.97	peak	
2		2384.280	3.35	31.19	34.54	54.00	-19.46	AVG	
3	X	2472.000	72.79	31.48	104.27	74.00	30.27	peak	NoLimit
4	*	2472.000	60.28	31.48	91.76	54.00	37.76	AVG	NoLimit
5		2484.807	36.38	31.52	67.90	74.00	-6.10	peak	
6		2484.807	19.74	31.52	51.26	54.00	-2.74	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2422MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

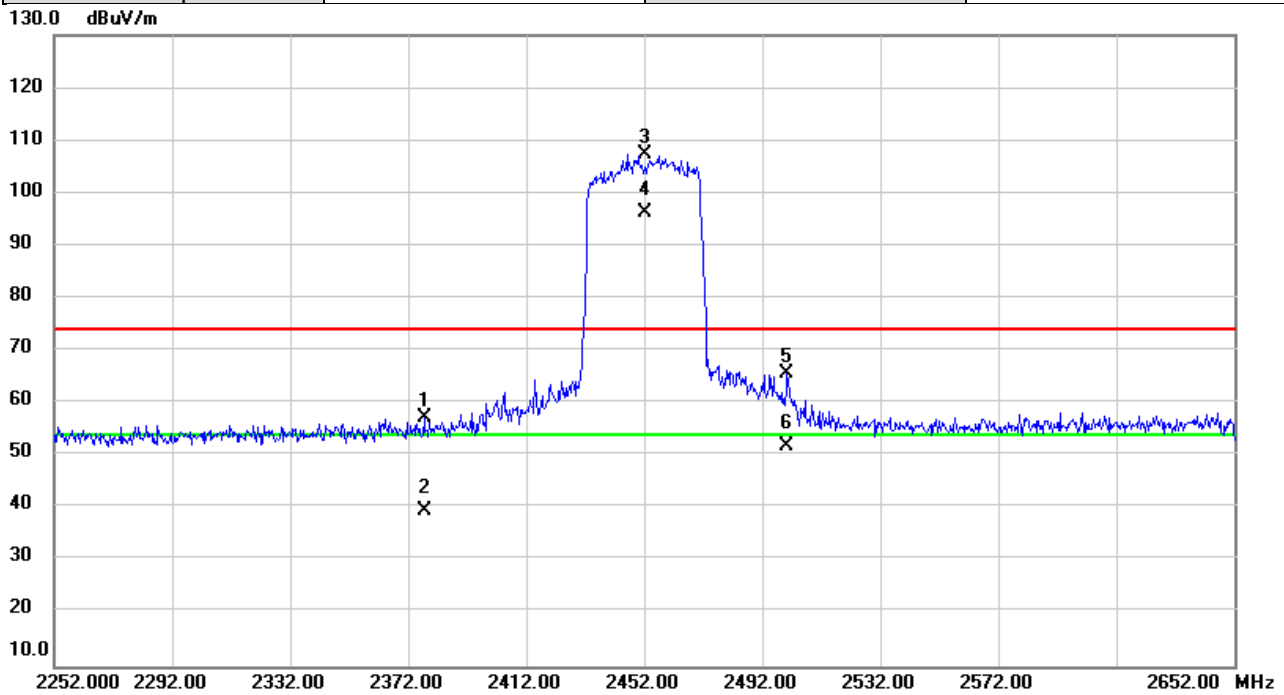


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2383.187	32.62	31.19	63.81	74.00	-10.19	peak	
2		2383.187	20.12	31.19	51.31	54.00	-2.69	AVG	
3	X	2422.000	74.07	31.32	105.39	74.00	31.39	peak	NoLimit
4	*	2422.000	63.19	31.32	94.51	54.00	40.51	AVG	NoLimit
5		2526.707	27.00	31.64	58.64	74.00	-15.36	peak	
6		2526.707	7.21	31.64	38.85	54.00	-15.15	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2452MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

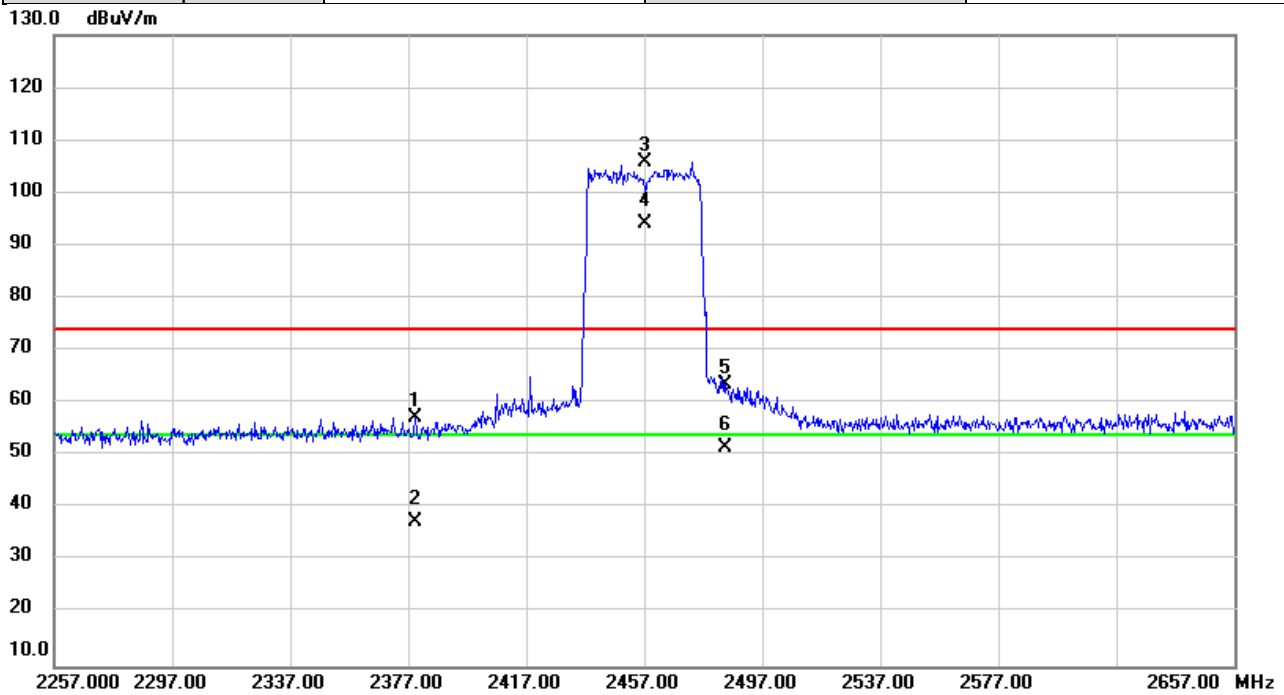


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2377.413	26.03	31.17	57.20	74.00	-16.80	peak	
2		2377.413	8.34	31.17	39.51	54.00	-14.49	AVG	
3	X	2452.000	75.84	31.42	107.26	74.00	33.26	peak	NoLimit
4	*	2452.000	64.92	31.42	96.34	54.00	42.34	AVG	NoLimit
5		2500.533	34.16	31.57	65.73	74.00	-8.27	peak	
6		2500.533	20.28	31.57	51.85	54.00	-2.15	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2457MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

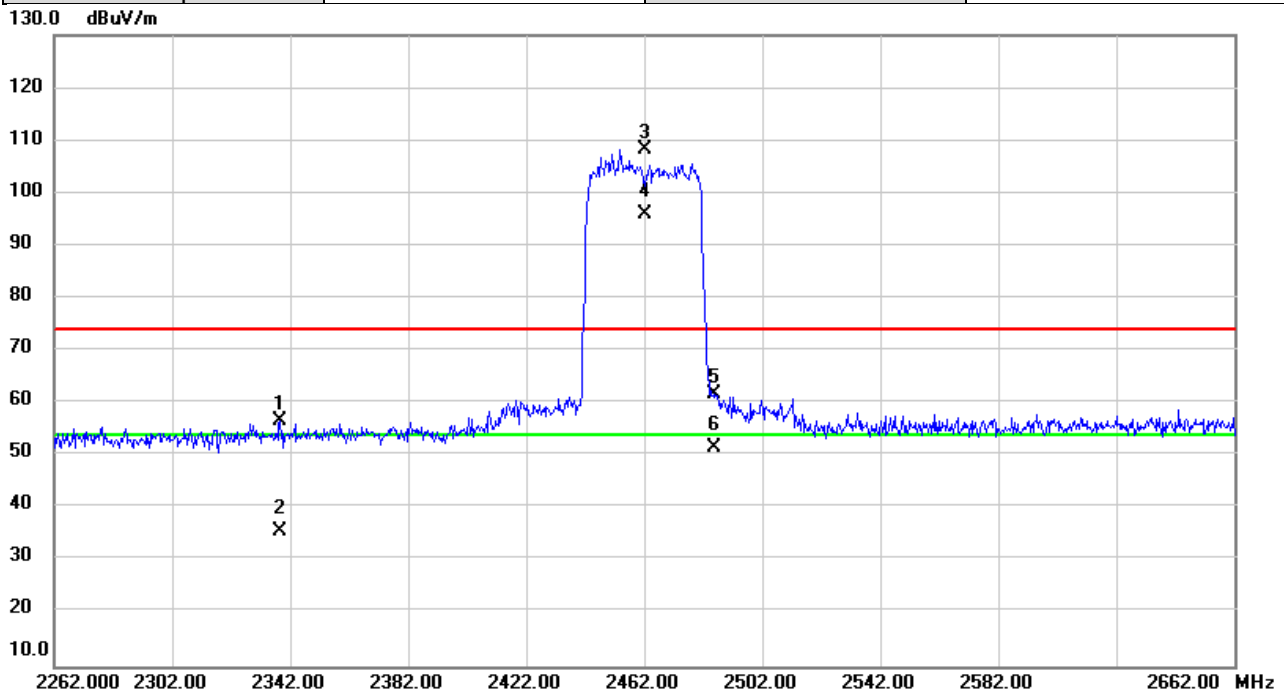


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2379.600	26.11	31.18	57.29	74.00	-16.71	peak	
2		2379.600	6.27	31.18	37.45	54.00	-16.55	AVG	
3	X	2457.000	74.46	31.43	105.89	74.00	31.89	peak	NoLimit
4	*	2457.000	62.70	31.43	94.13	54.00	40.13	AVG	NoLimit
5		2484.627	32.15	31.52	63.67	74.00	-10.33	peak	
6		2484.627	19.99	31.52	51.51	54.00	-2.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

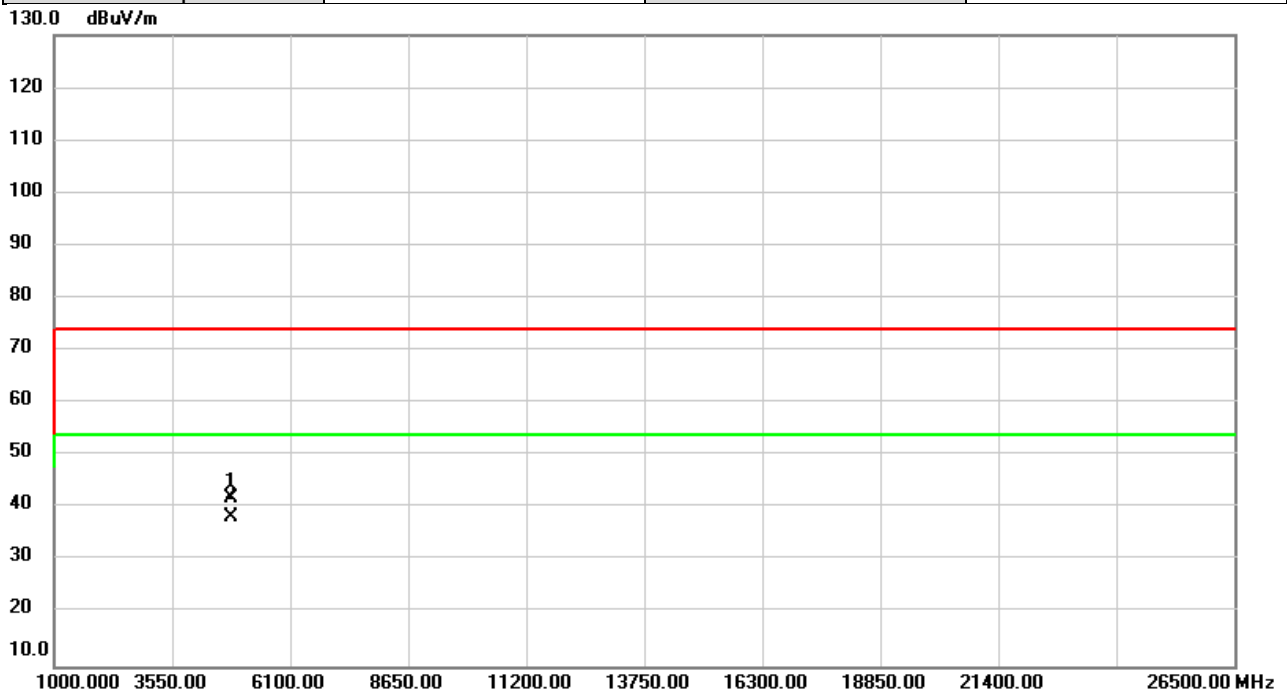


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2338.453	25.66	31.04	56.70	74.00	-17.30	peak	
2		2338.453	4.71	31.04	35.75	54.00	-18.25	AVG	
3	X	2462.000	76.72	31.44	108.16	74.00	34.16	peak	NoLimit
4	*	2462.000	64.53	31.44	95.97	54.00	41.97	AVG	NoLimit
5		2485.973	30.25	31.52	61.77	74.00	-12.23	peak	
6		2485.973	20.02	31.52	51.54	54.00	-2.46	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

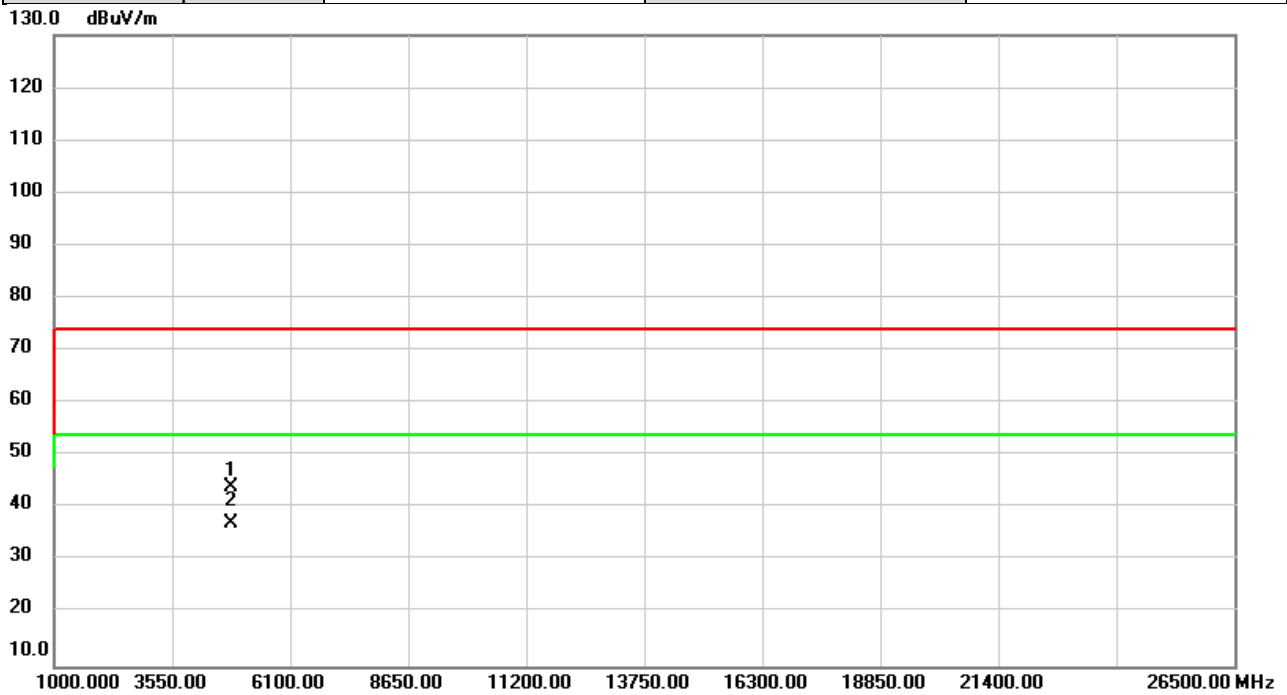


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	53.59	-11.64	41.95	74.00	-32.05	peak	
2	*	4824.000	49.91	-11.64	38.27	54.00	-15.73	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

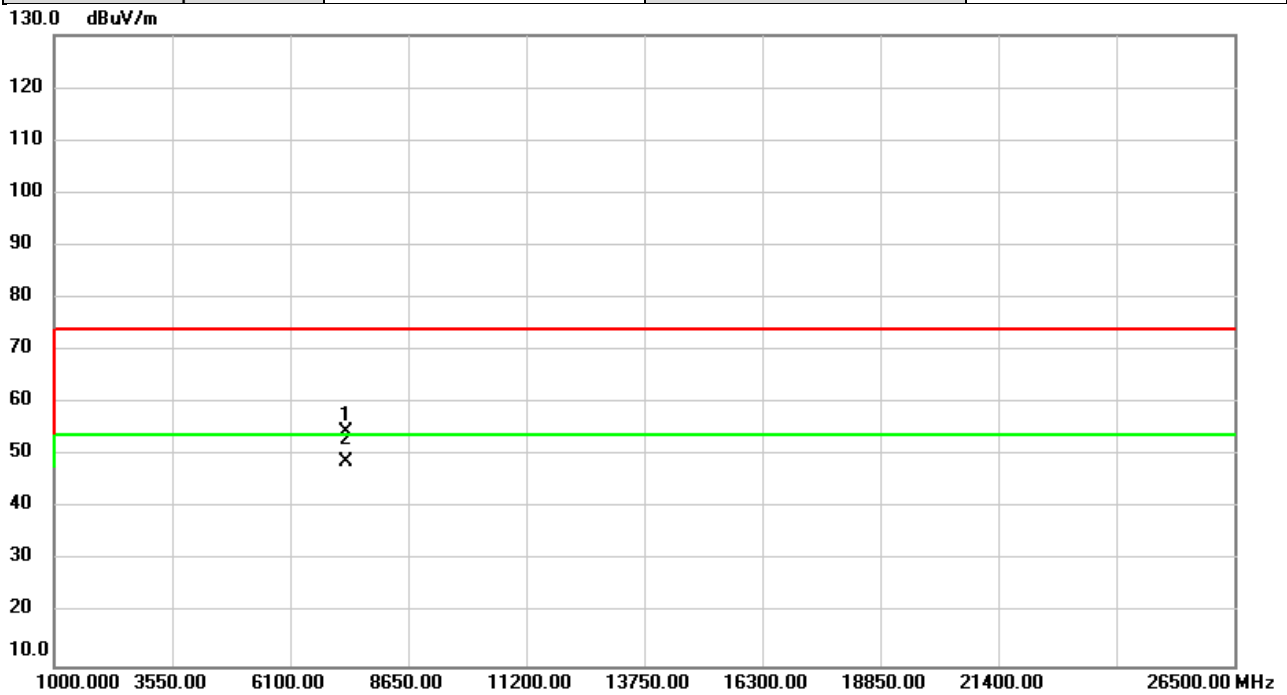


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	55.63	-11.64	43.99	74.00	-30.01	peak	
2	*	4824.000	48.67	-11.64	37.03	54.00	-16.97	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	65%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	59.68	-5.08	54.60	74.00	-19.40	peak	
2	*	7311.000	53.91	-5.08	48.83	54.00	-5.17	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

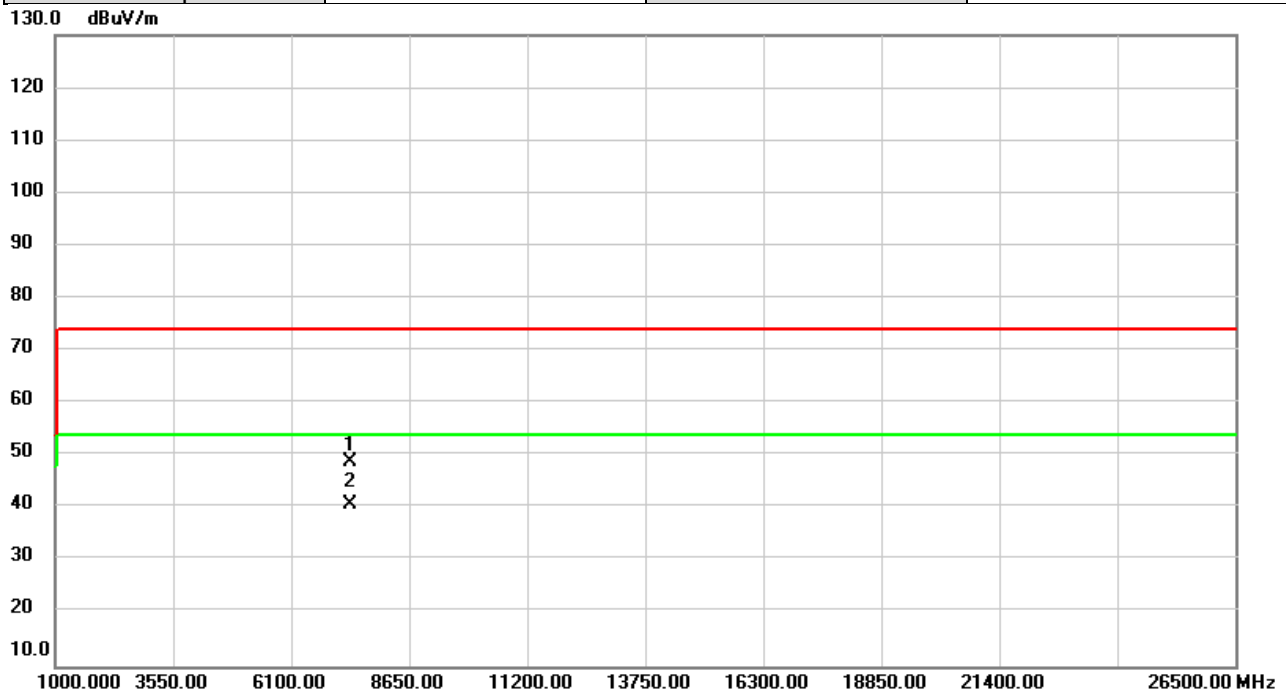


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	57.04	-5.08	51.96	74.00	-22.04	peak	
2	*	7311.000	49.82	-5.08	44.74	54.00	-9.26	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

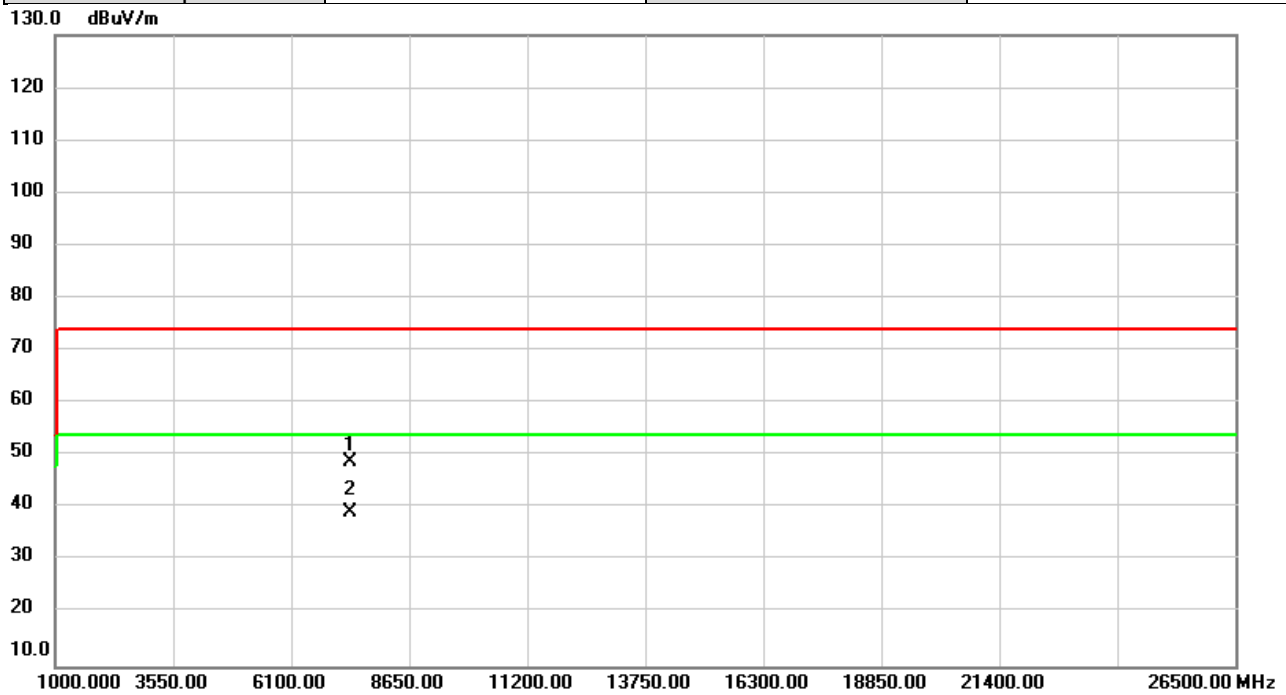


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7386.000	53.62	-4.79	48.83	74.00	-25.17	peak	
2	*	7386.000	45.51	-4.79	40.72	54.00	-13.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

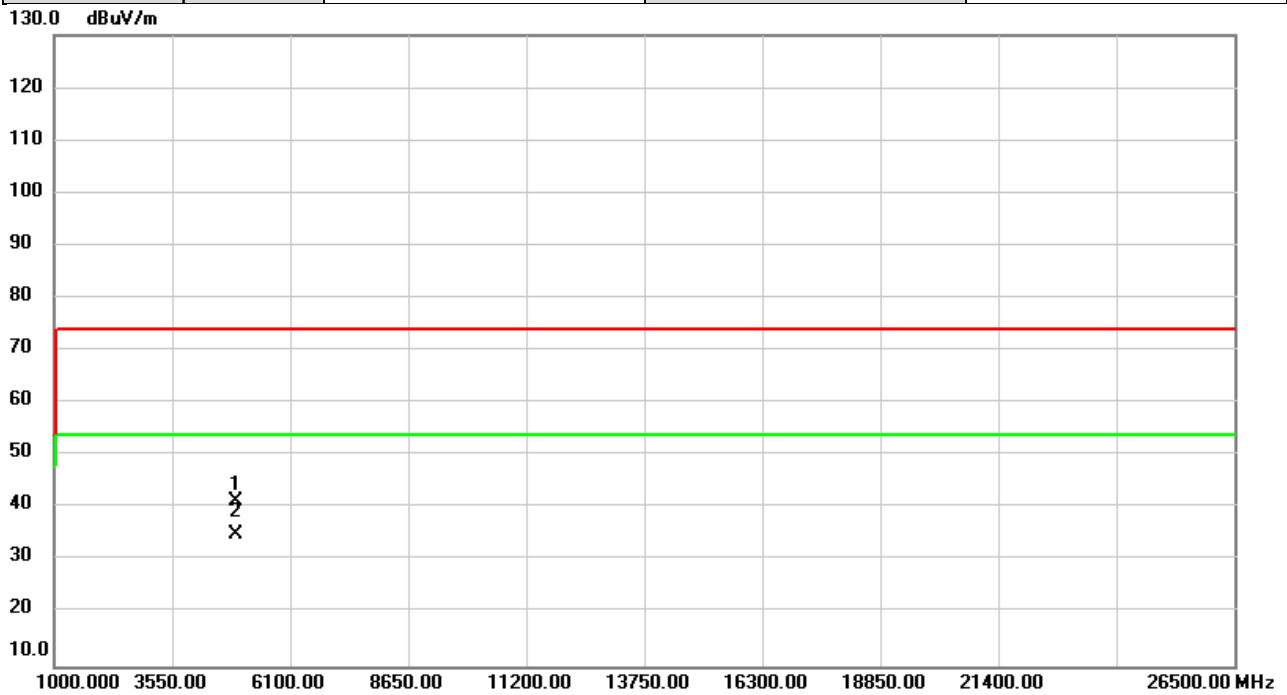


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7386.000	53.68	-4.79	48.89	74.00	-25.11	peak	
2	*	7386.000	43.94	-4.79	39.15	54.00	-14.85	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

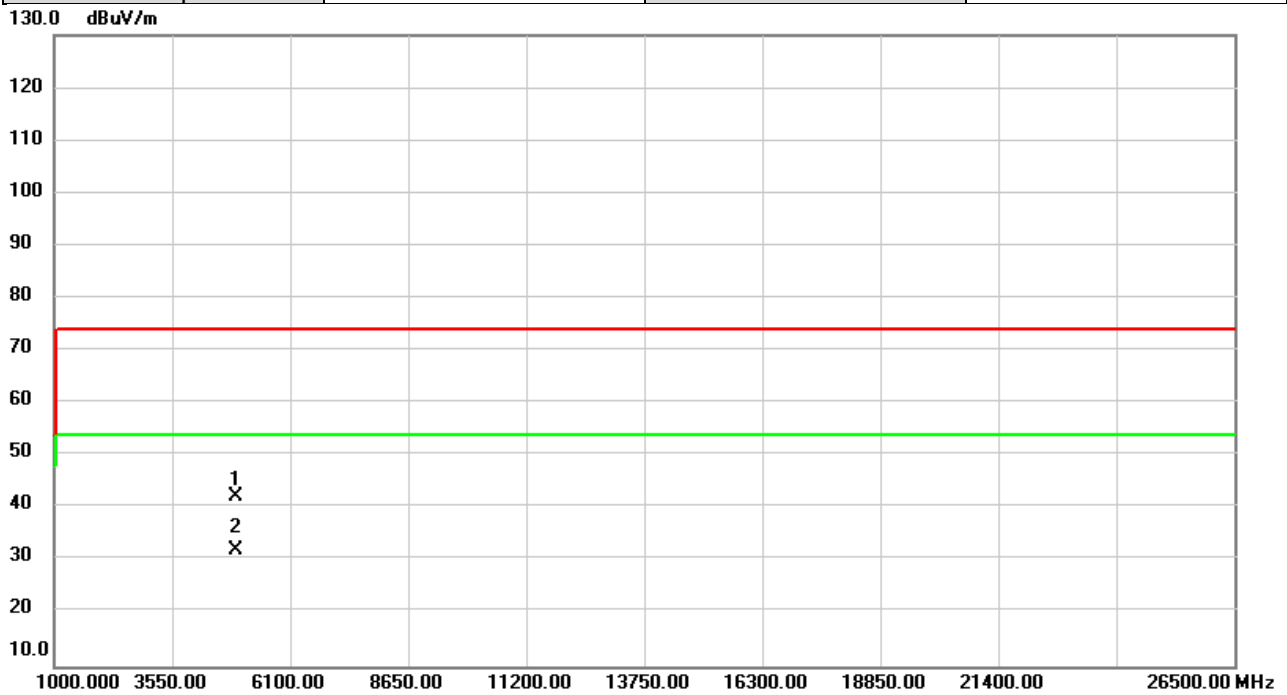


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	52.94	-11.49	41.45	74.00	-32.55	peak	
2	*	4934.000	46.65	-11.49	35.16	54.00	-18.84	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

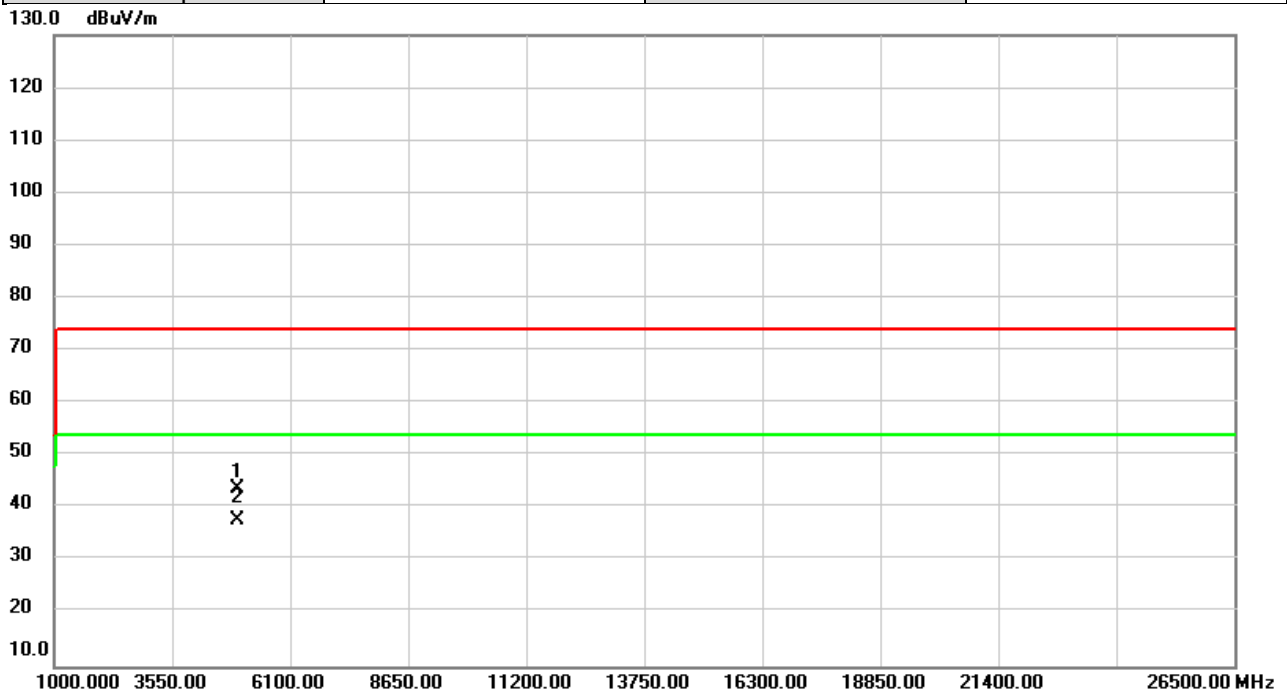


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	53.62	-11.49	42.13	74.00	-31.87	peak	
2	*	4934.000	43.52	-11.49	32.03	54.00	-21.97	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

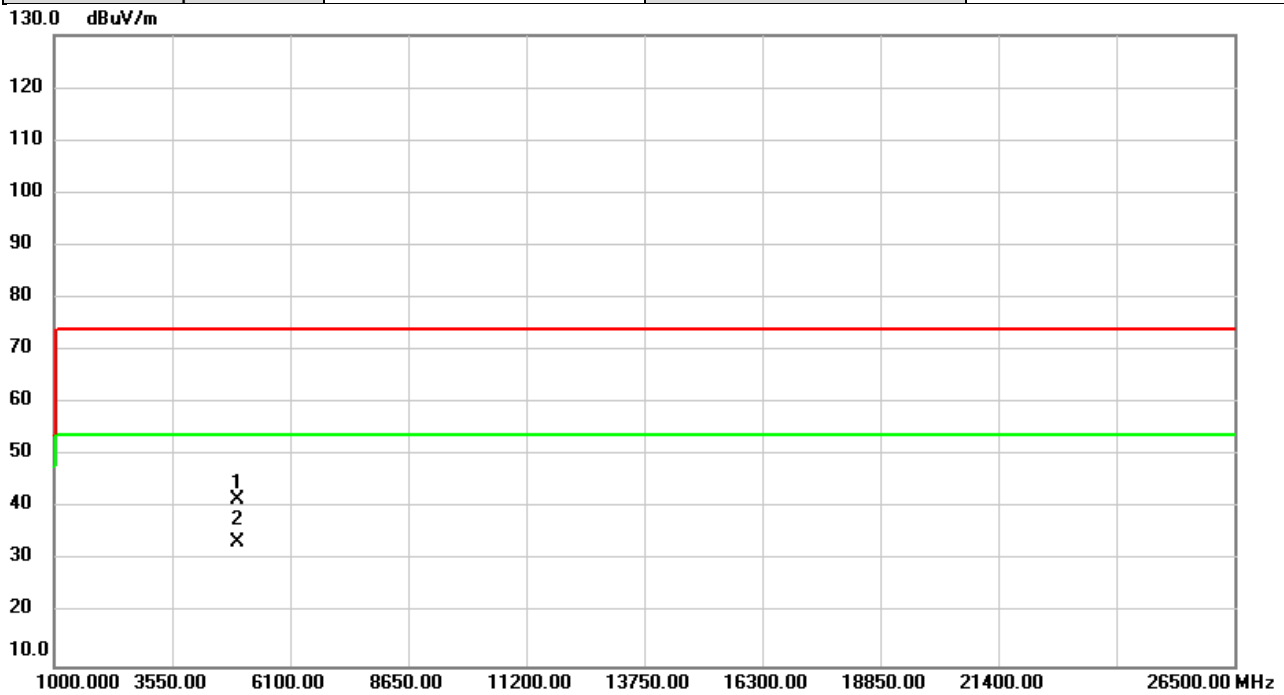


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	55.30	-11.48	43.82	74.00	-30.18	peak	
2	*	4944.000	49.21	-11.48	37.73	54.00	-16.27	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

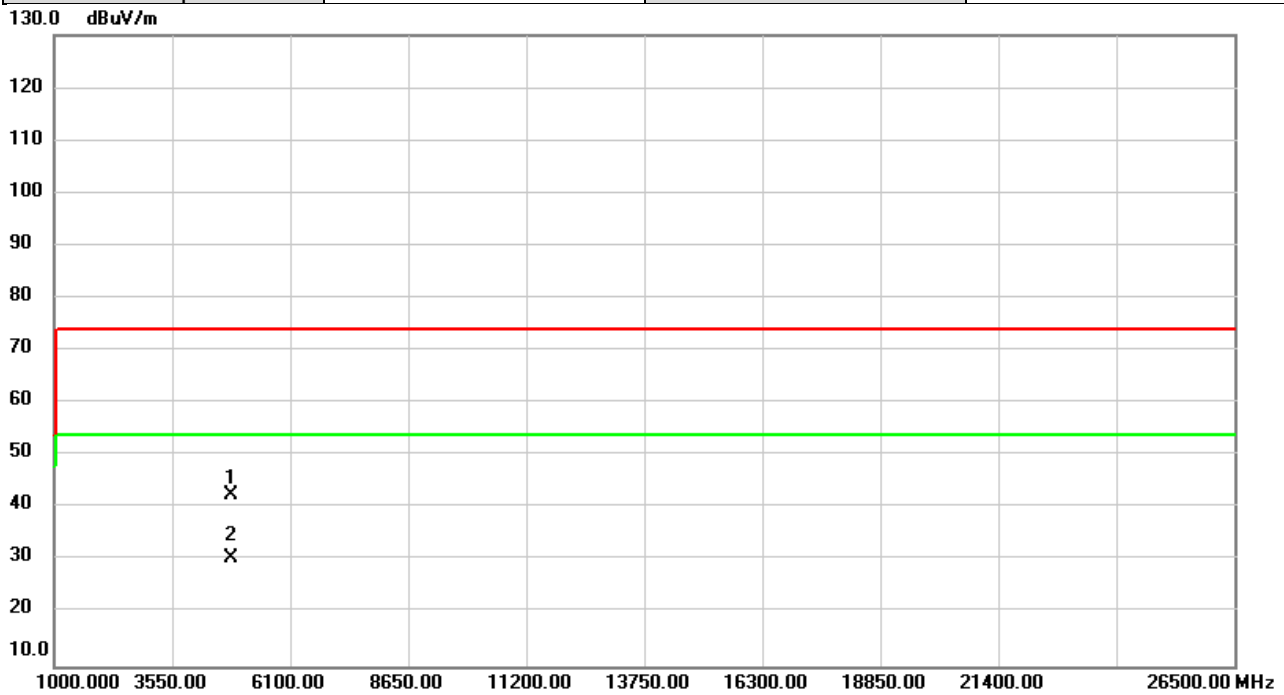


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	53.19	-11.48	41.71	74.00	-32.29	peak	
2	*	4944.000	44.92	-11.48	33.44	54.00	-20.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

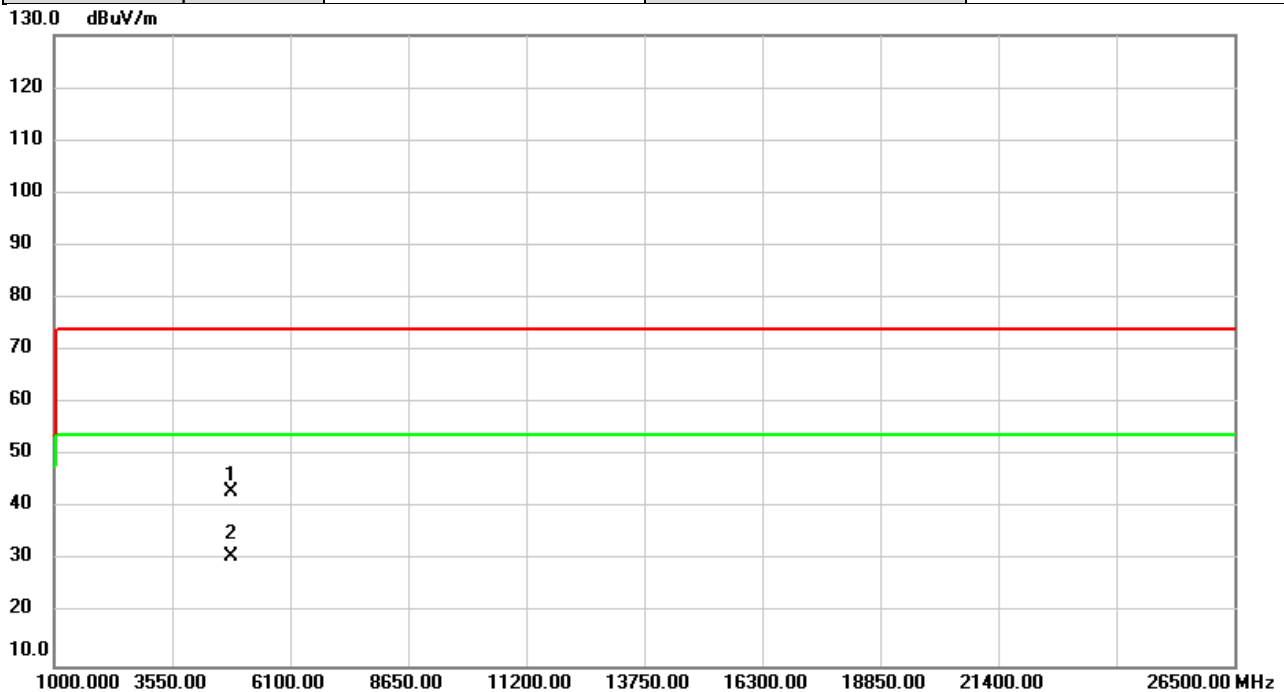


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	54.06	-11.64	42.42	74.00	-31.58	peak	
2	*	4824.000	42.33	-11.64	30.69	54.00	-23.31	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

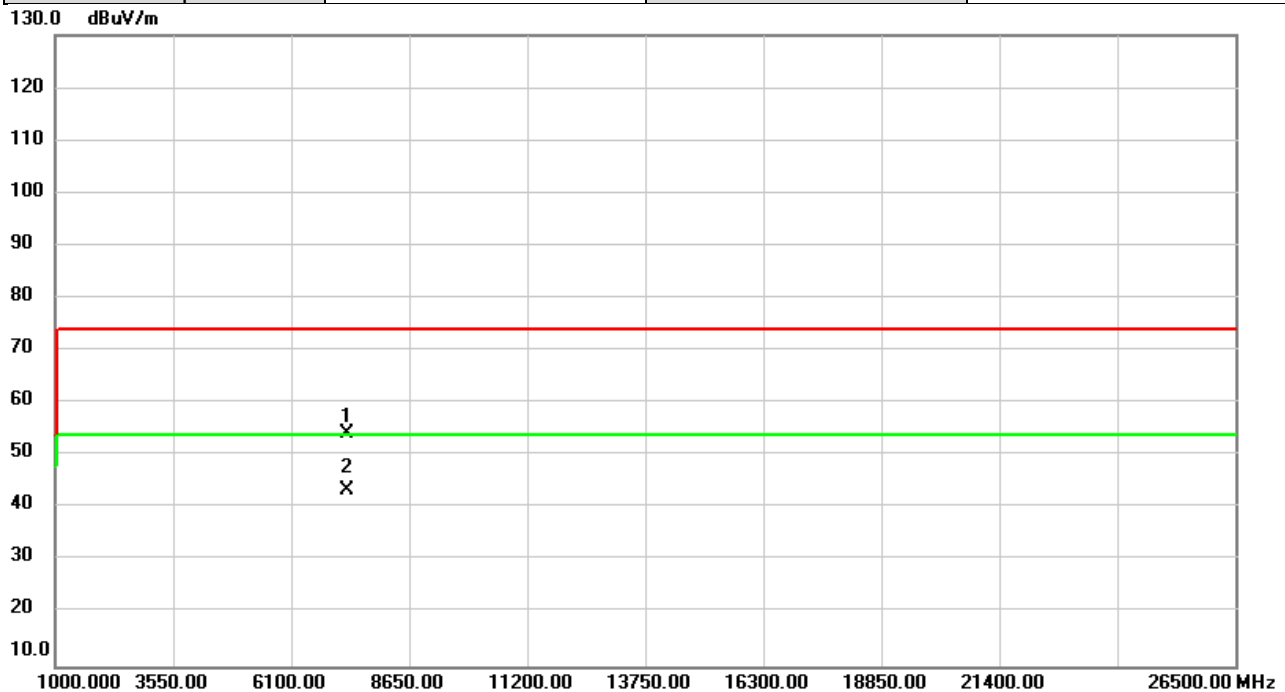


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	54.83	-11.64	43.19	74.00	-30.81	peak	
2	*	4824.000	42.36	-11.64	30.72	54.00	-23.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

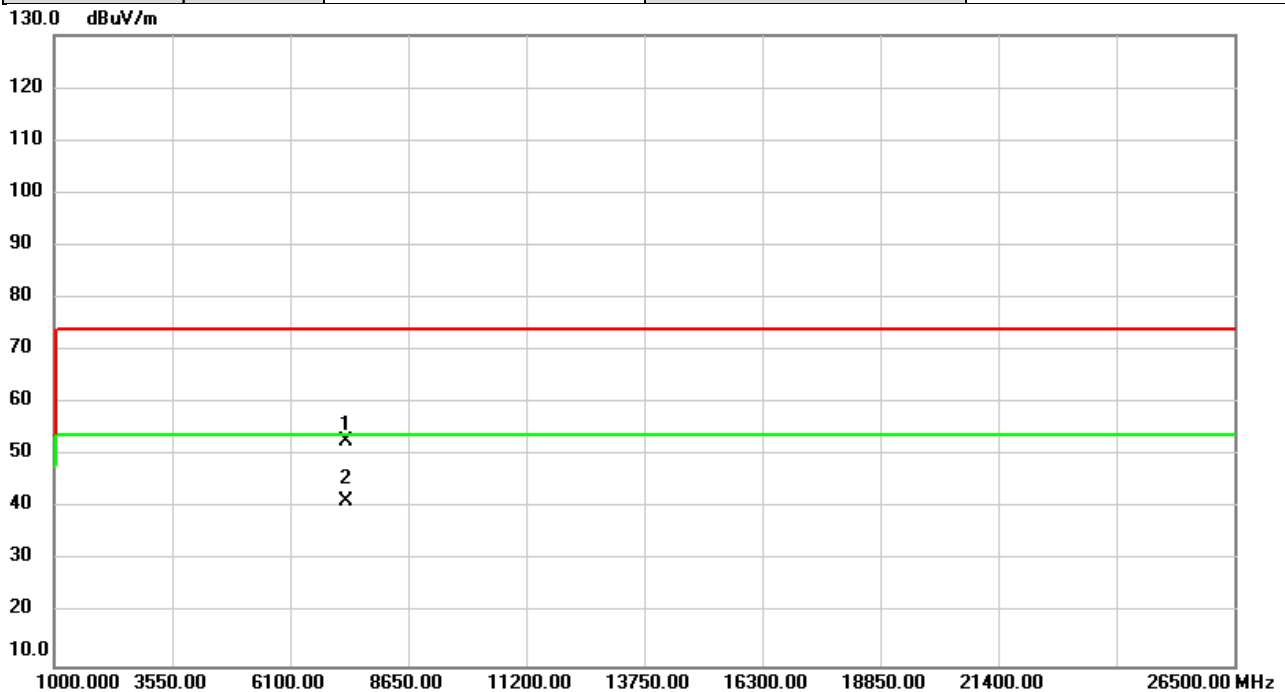


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	59.33	-5.08	54.25	74.00	-19.75	peak	
2	*	7311.000	48.52	-5.08	43.44	54.00	-10.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

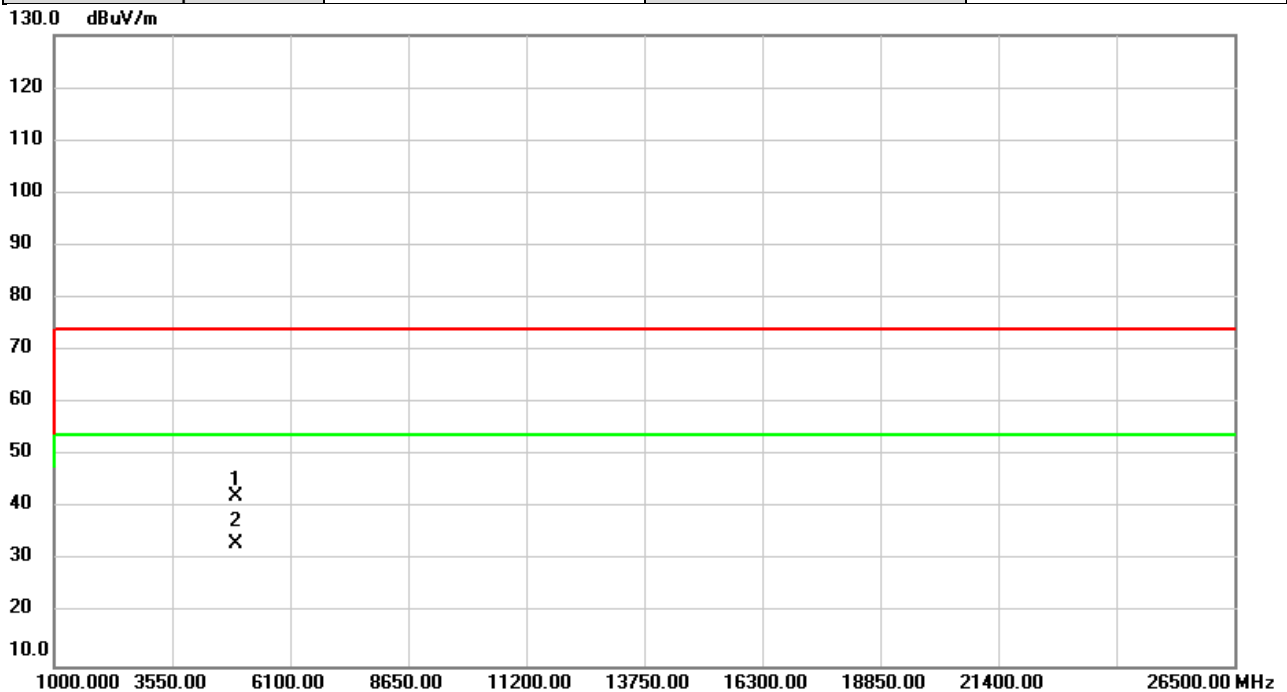


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7311.000	57.86	-5.08	52.78	74.00	-21.22	peak	
2	*	7311.000	46.36	-5.08	41.28	54.00	-12.72	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

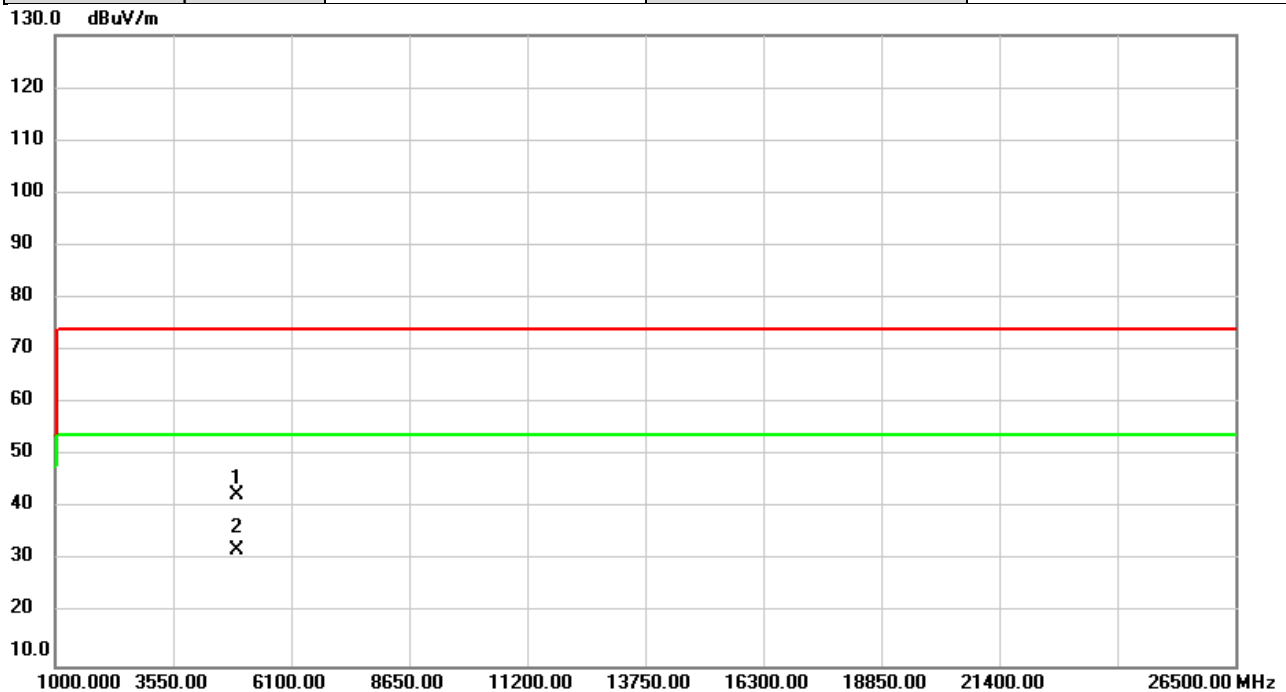


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	53.89	-11.51	42.38	74.00	-31.62	peak	
2	*	4924.000	44.78	-11.51	33.27	54.00	-20.73	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

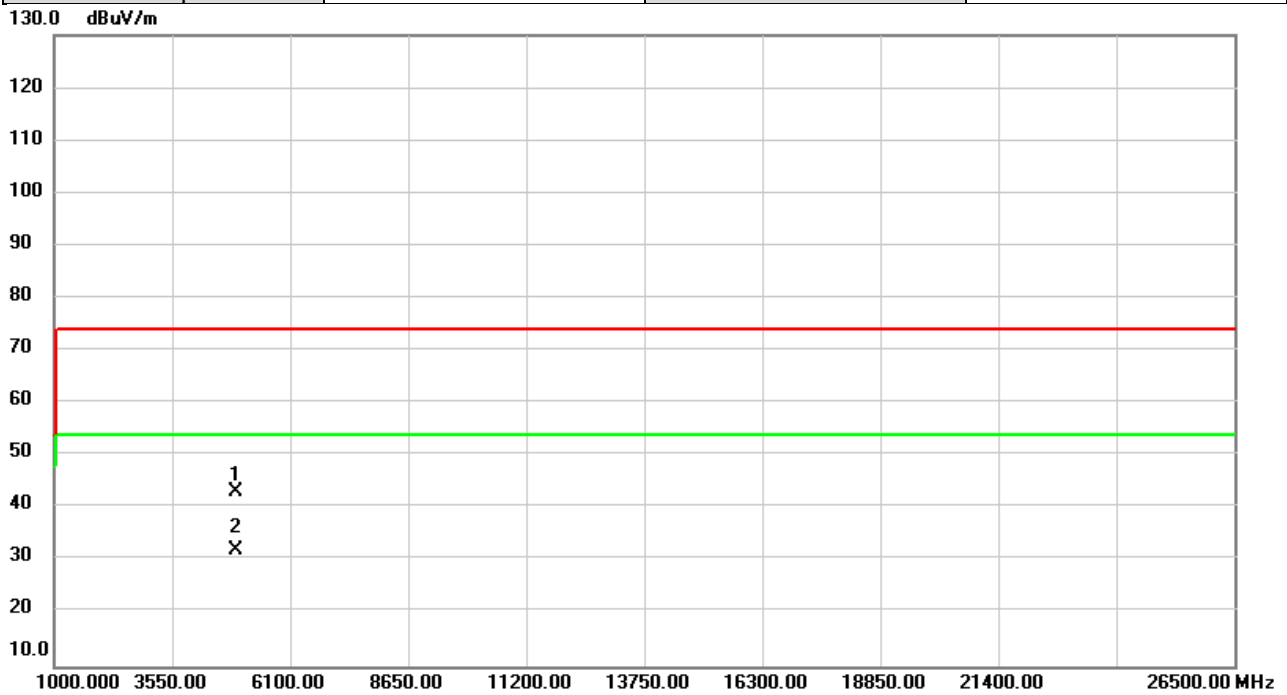


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	53.93	-11.51	42.42	74.00	-31.58	peak	
2	*	4924.000	43.46	-11.51	31.95	54.00	-22.05	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

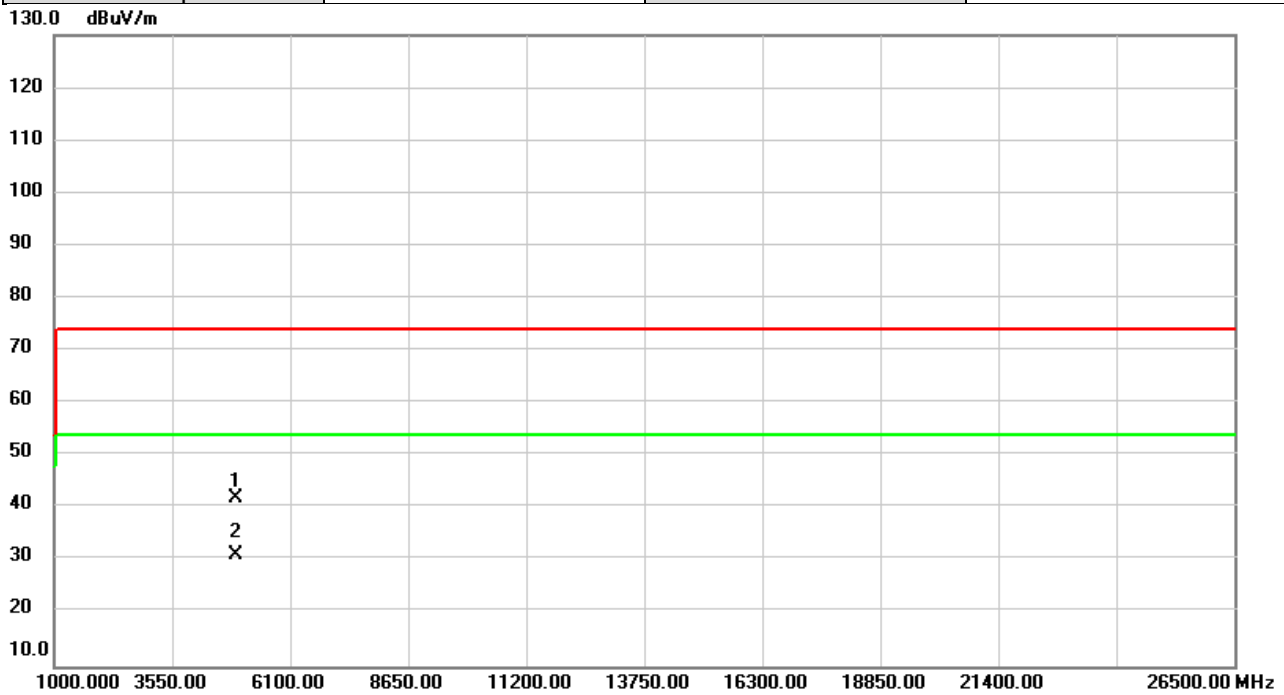


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	54.59	-11.49	43.10	74.00	-30.90	peak	
2	*	4934.000	43.59	-11.49	32.10	54.00	-21.90	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

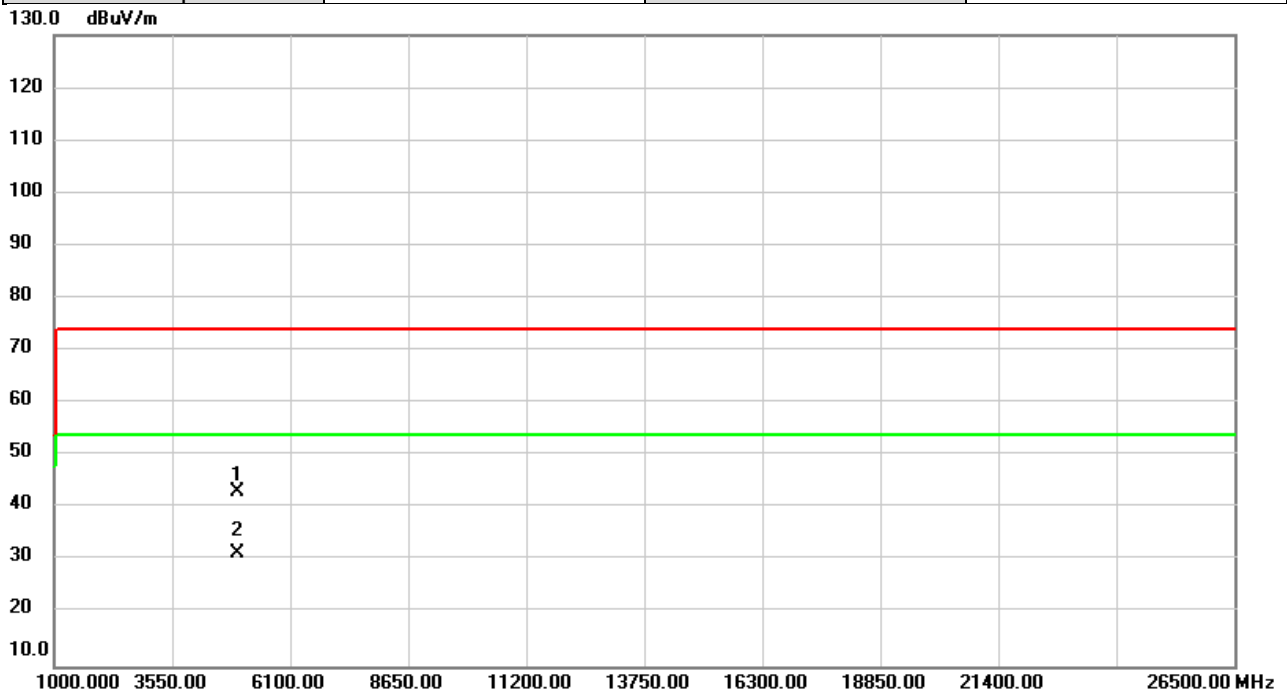


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	53.52	-11.49	42.03	74.00	-31.97	peak	
2	*	4934.000	42.74	-11.49	31.25	54.00	-22.75	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

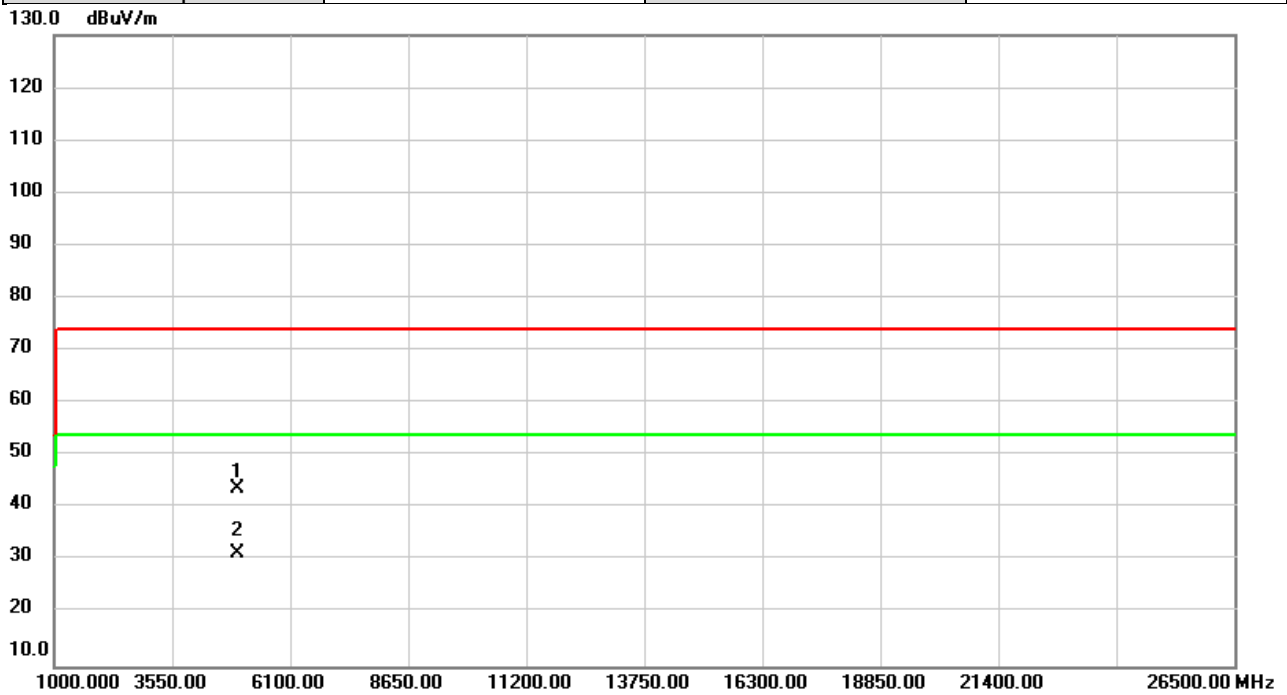


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	54.54	-11.48	43.06	74.00	-30.94	peak	
2	*	4944.000	43.05	-11.48	31.57	54.00	-22.43	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

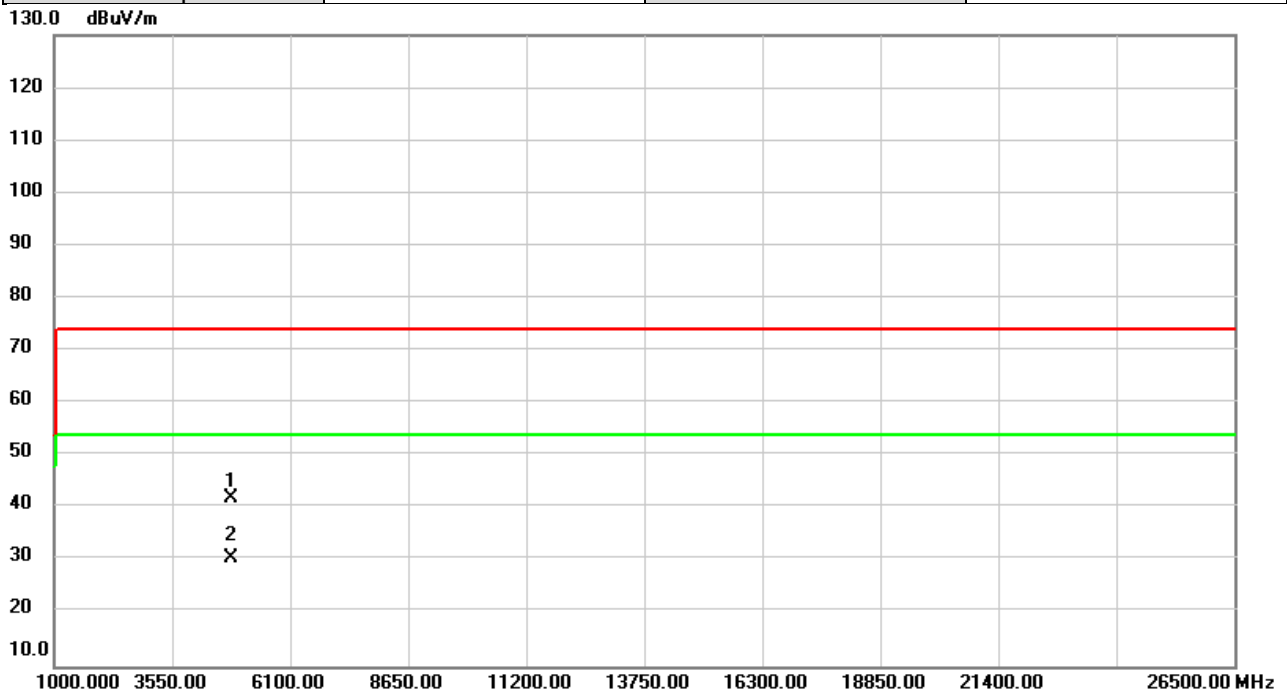


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	55.14	-11.48	43.66	74.00	-30.34	peak	
2	*	4944.000	42.87	-11.48	31.39	54.00	-22.61	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

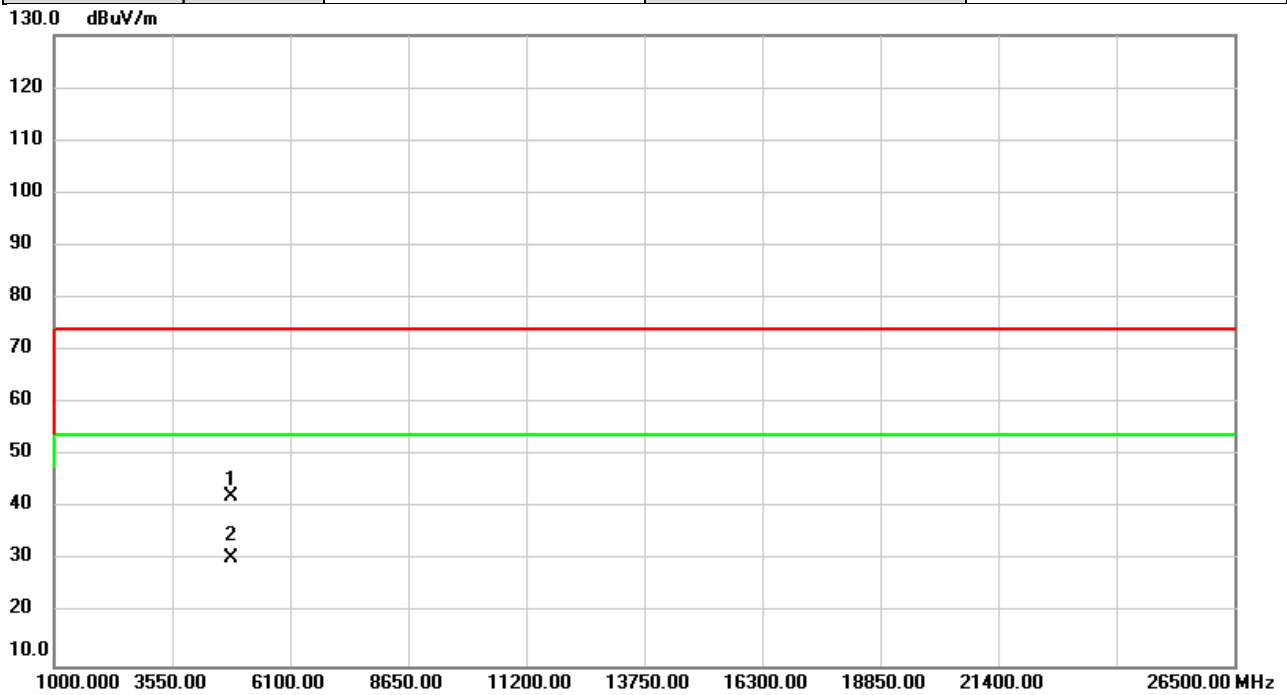


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	53.66	-11.64	42.02	74.00	-31.98	peak	
2	*	4824.000	42.34	-11.64	30.70	54.00	-23.30	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

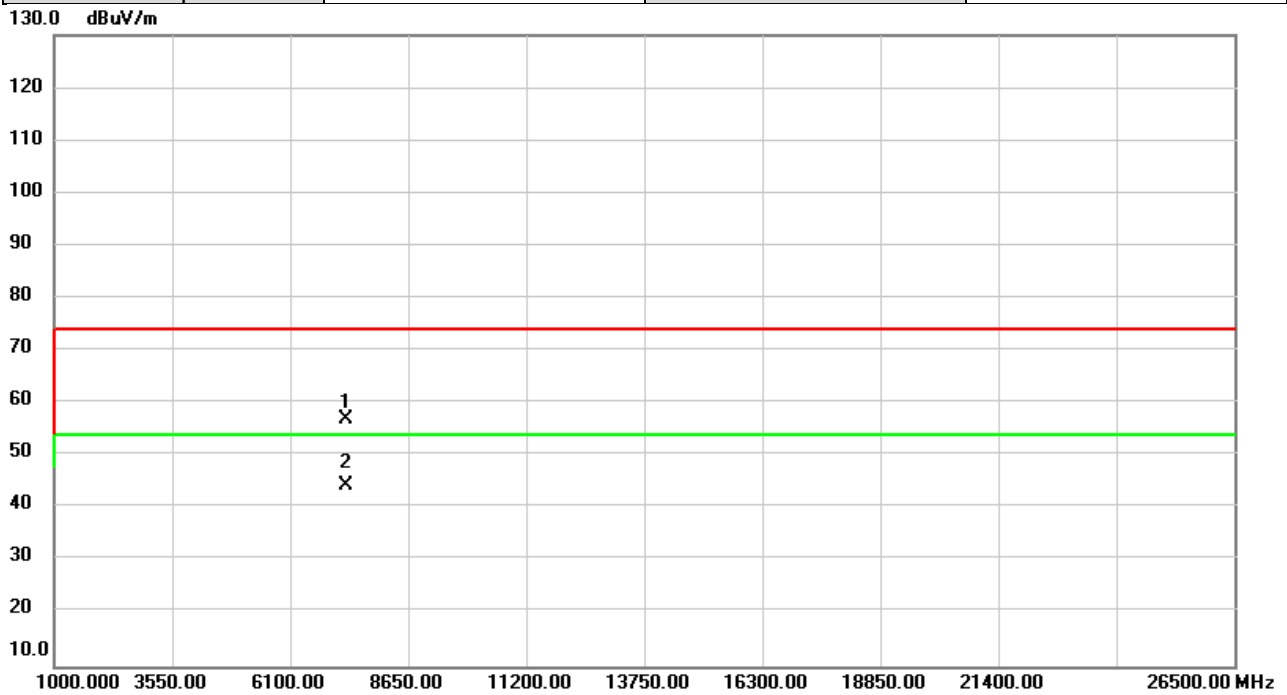


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	54.03	-11.64	42.39	74.00	-31.61	peak	
2	*	4824.000	42.09	-11.64	30.45	54.00	-23.55	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

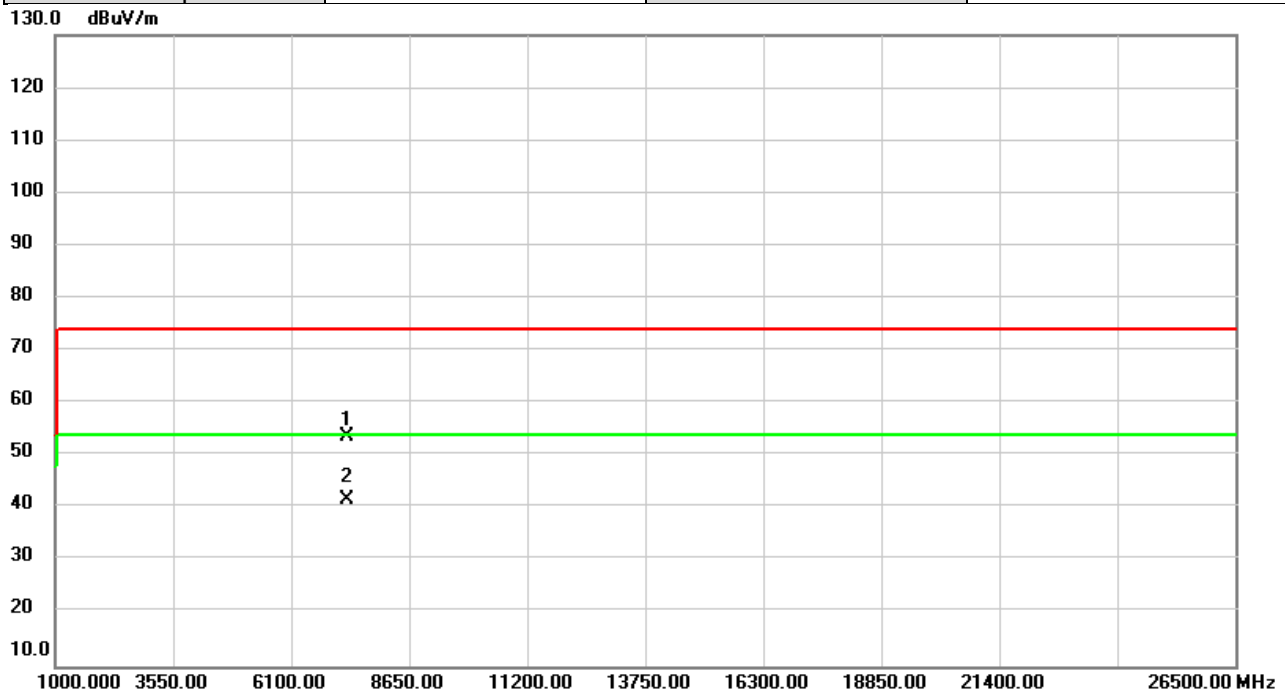


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7311.000	62.10	-5.08	57.02	74.00	-16.98	peak	
2	*	7311.000	49.56	-5.08	44.48	54.00	-9.52	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

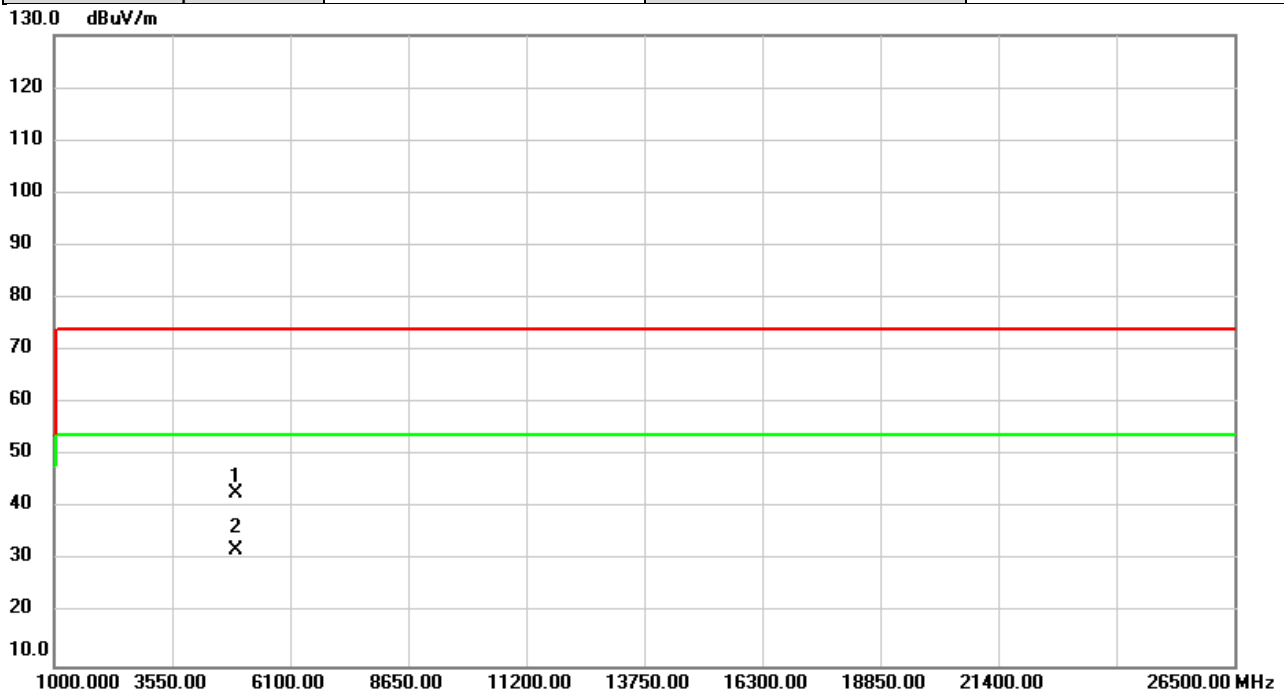


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	58.84	-5.08	53.76	74.00	-20.24	peak	
2	*	7311.000	46.74	-5.08	41.66	54.00	-12.34	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

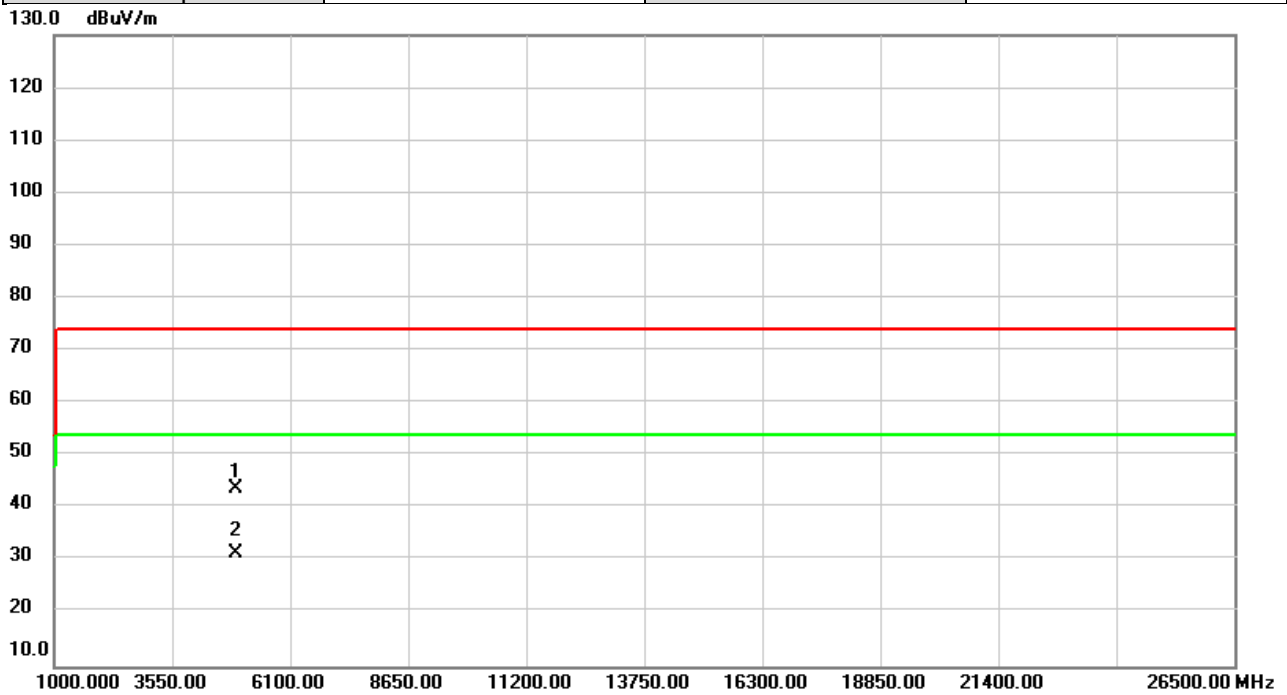


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	54.36	-11.51	42.85	74.00	-31.15	peak	
2	*	4924.000	43.49	-11.51	31.98	54.00	-22.02	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

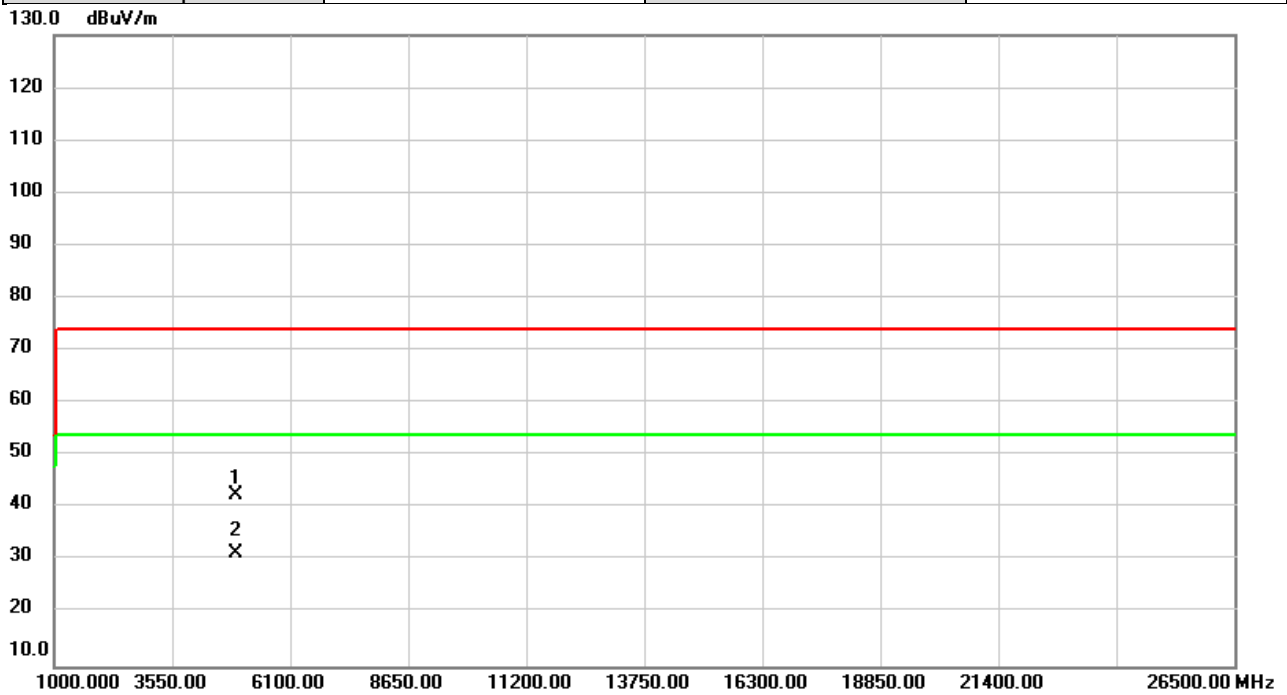


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	55.33	-11.51	43.82	74.00	-30.18	peak	
2	*	4924.000	42.95	-11.51	31.44	54.00	-22.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

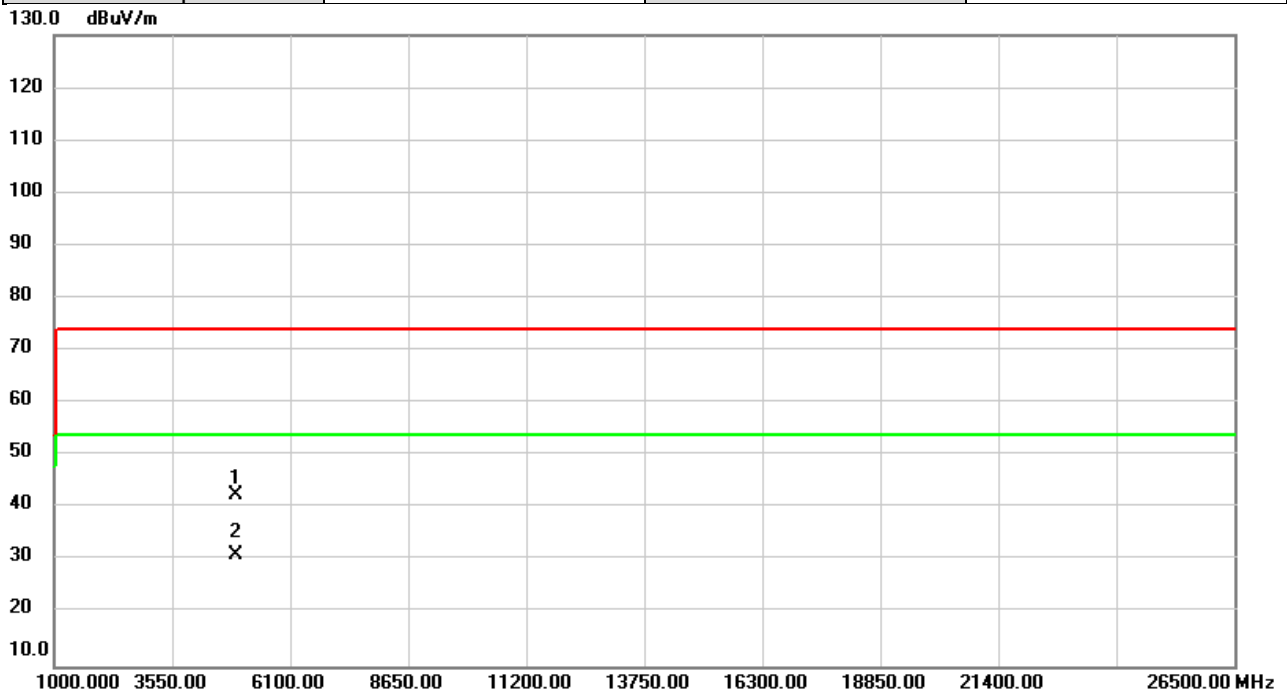


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	54.16	-11.49	42.67	74.00	-31.33	peak	
2	*	4934.000	42.88	-11.49	31.39	54.00	-22.61	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

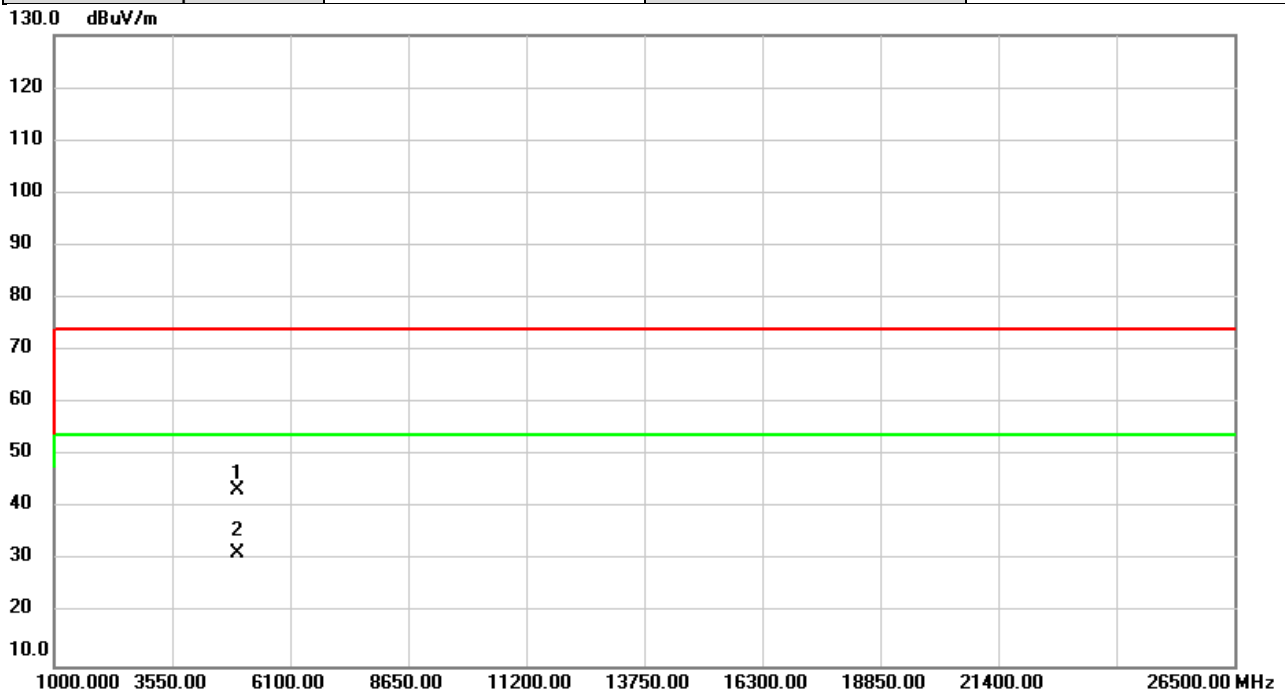


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	54.15	-11.49	42.66	74.00	-31.34	peak	
2	*	4934.000	42.76	-11.49	31.27	54.00	-22.73	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

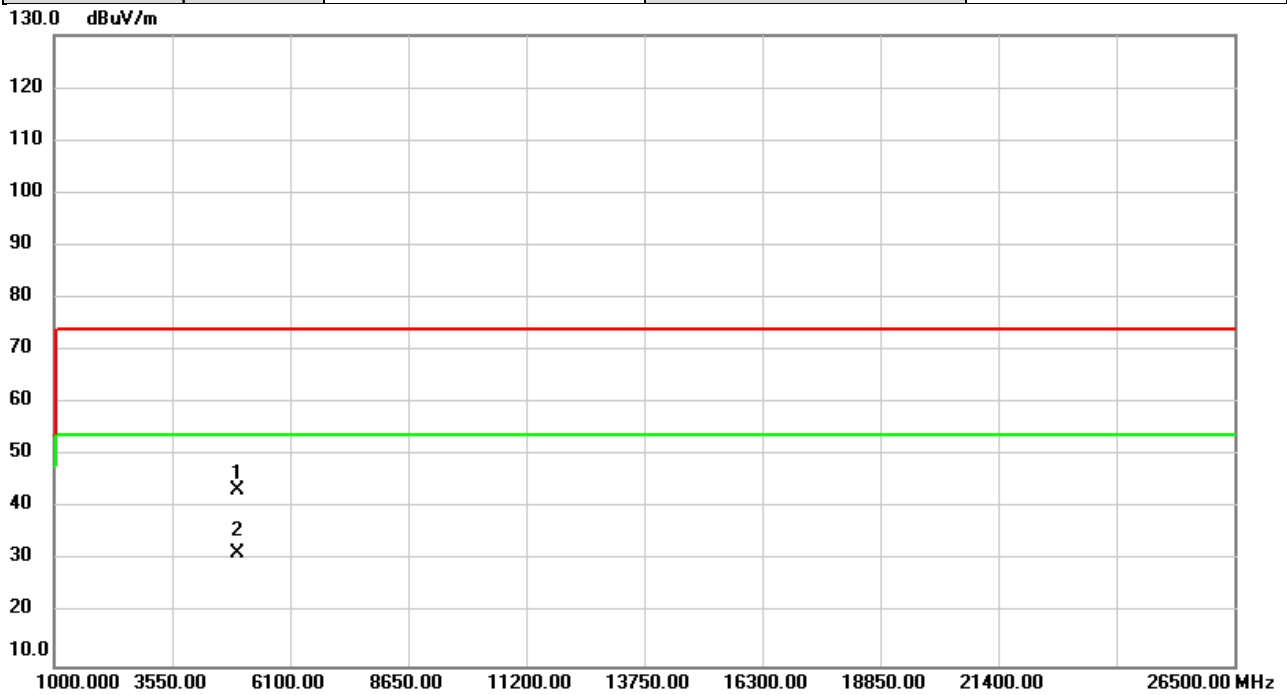


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	54.95	-11.48	43.47	74.00	-30.53	peak	
2	*	4944.000	42.81	-11.48	31.33	54.00	-22.67	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

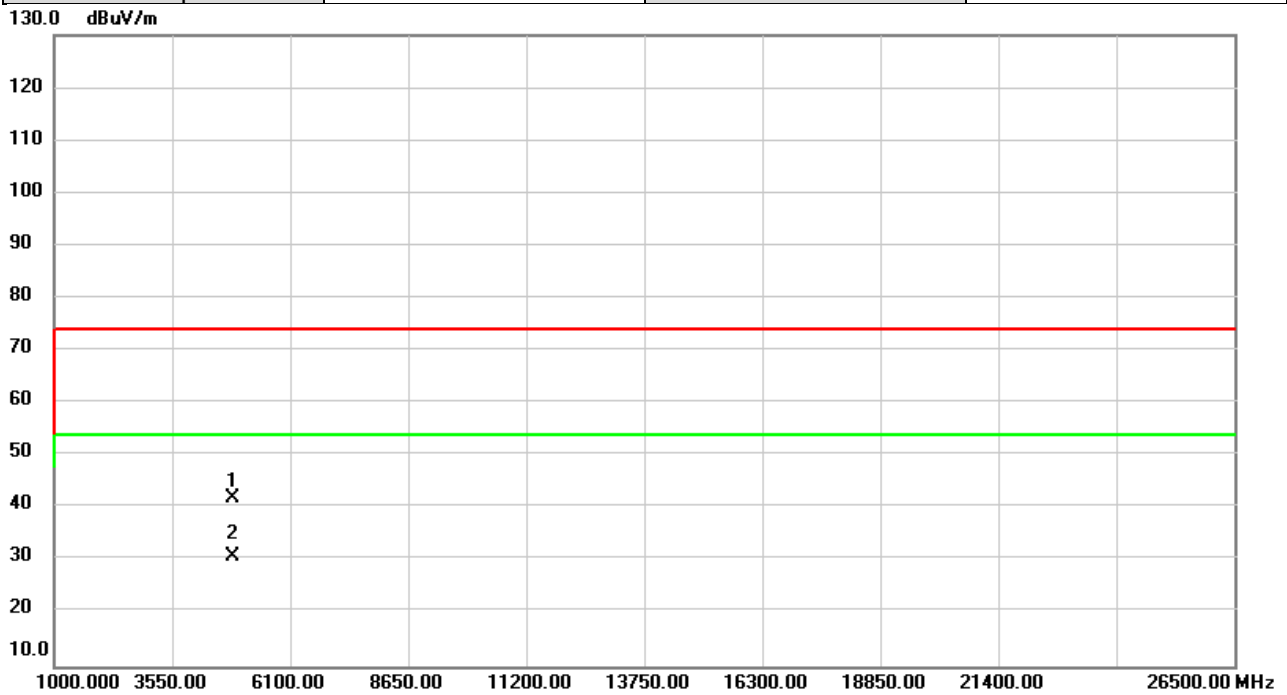


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	54.81	-11.48	43.33	74.00	-30.67	peak	
2	*	4944.000	42.83	-11.48	31.35	54.00	-22.65	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2422MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

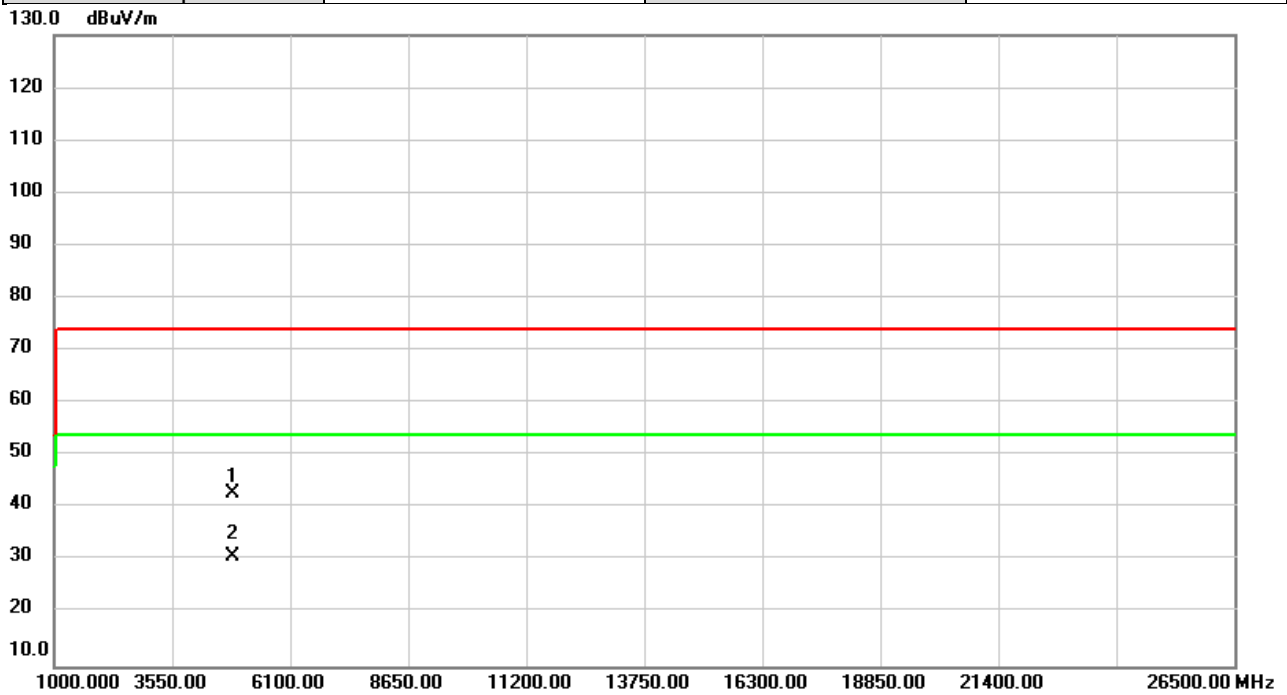


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	53.62	-11.61	42.01	74.00	-31.99	peak	
2	*	4844.000	42.45	-11.61	30.84	54.00	-23.16	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2422MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

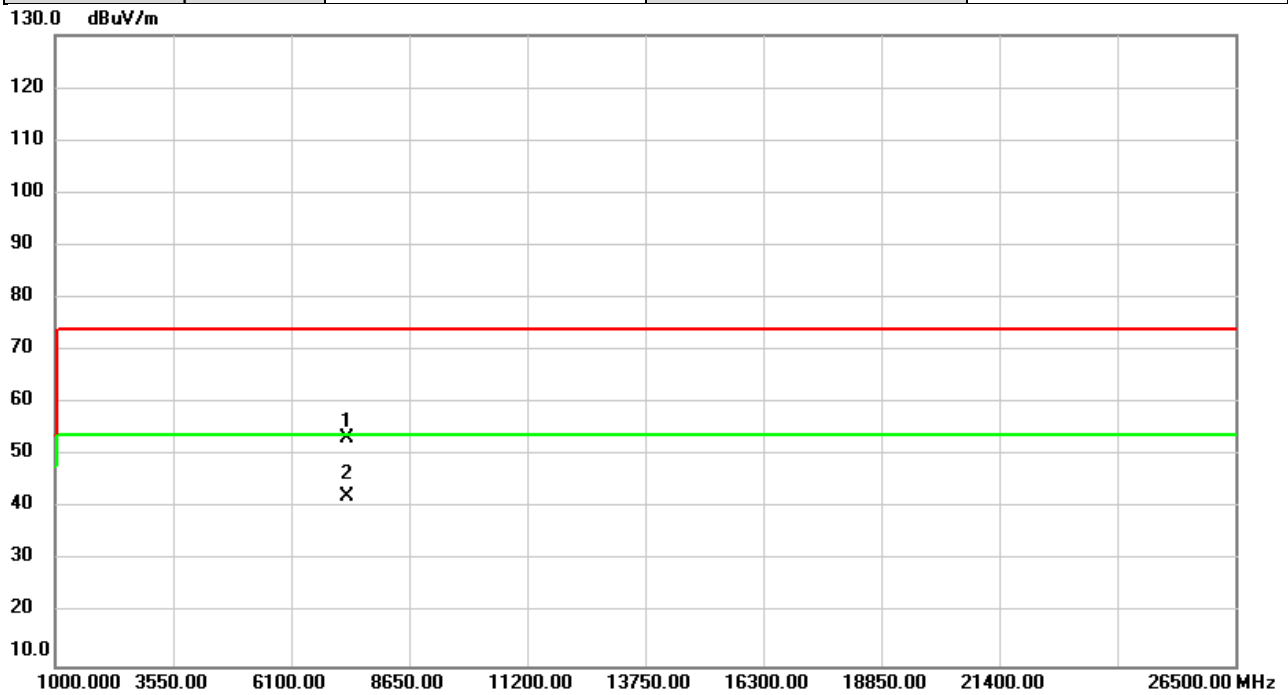


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	54.34	-11.61	42.73	74.00	-31.27	peak	
2	*	4844.000	42.43	-11.61	30.82	54.00	-23.18	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

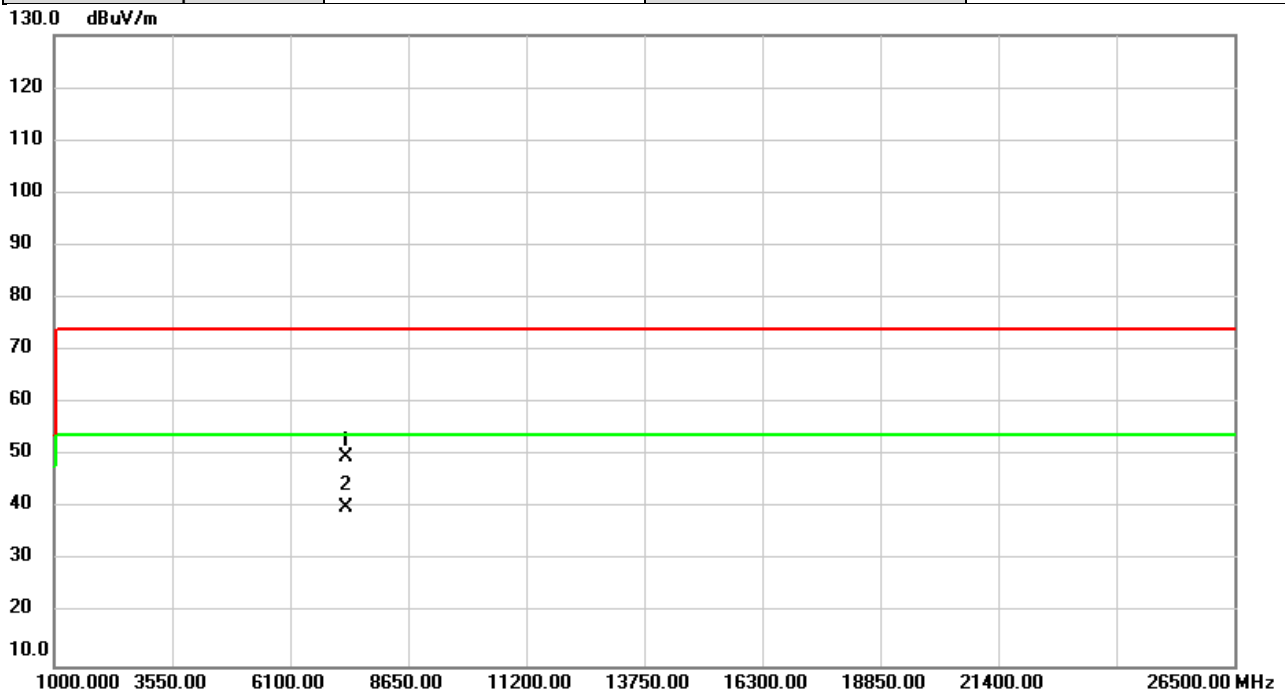


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	58.43	-5.08	53.35	74.00	-20.65	peak	
2	*	7311.000	47.33	-5.08	42.25	54.00	-11.75	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

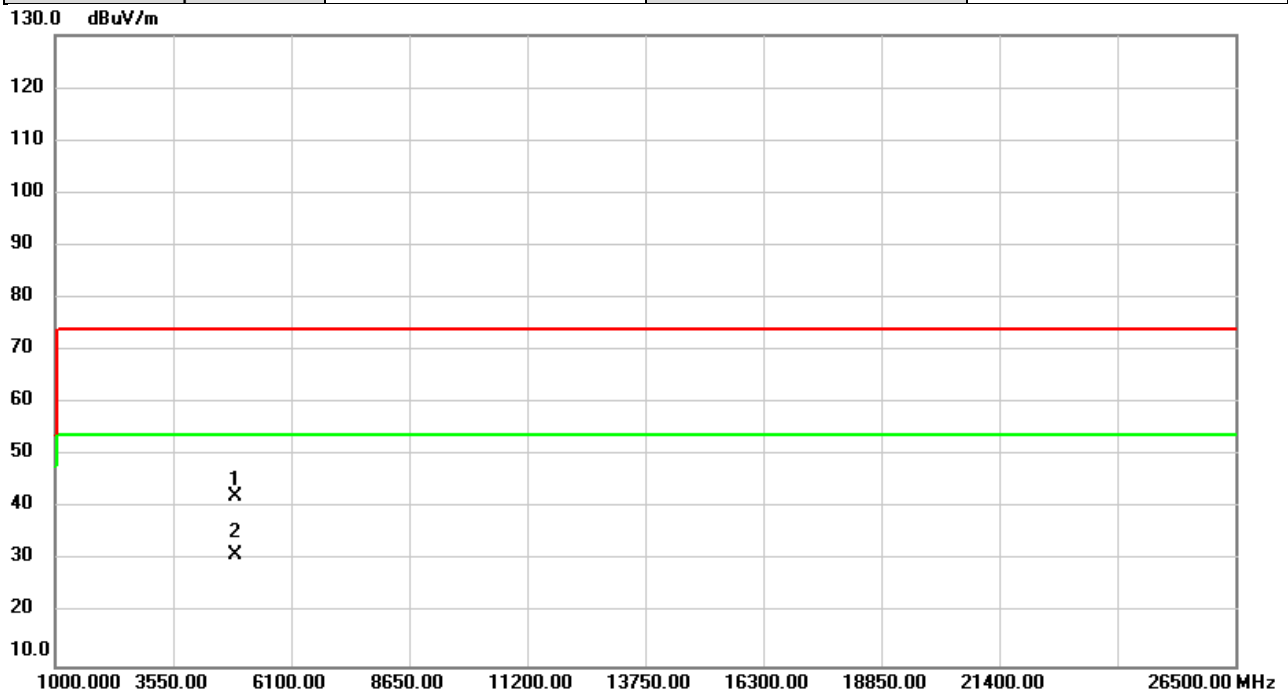


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	54.76	-5.08	49.68	74.00	-24.32	peak	
2	*	7311.000	45.15	-5.08	40.07	54.00	-13.93	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2452MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

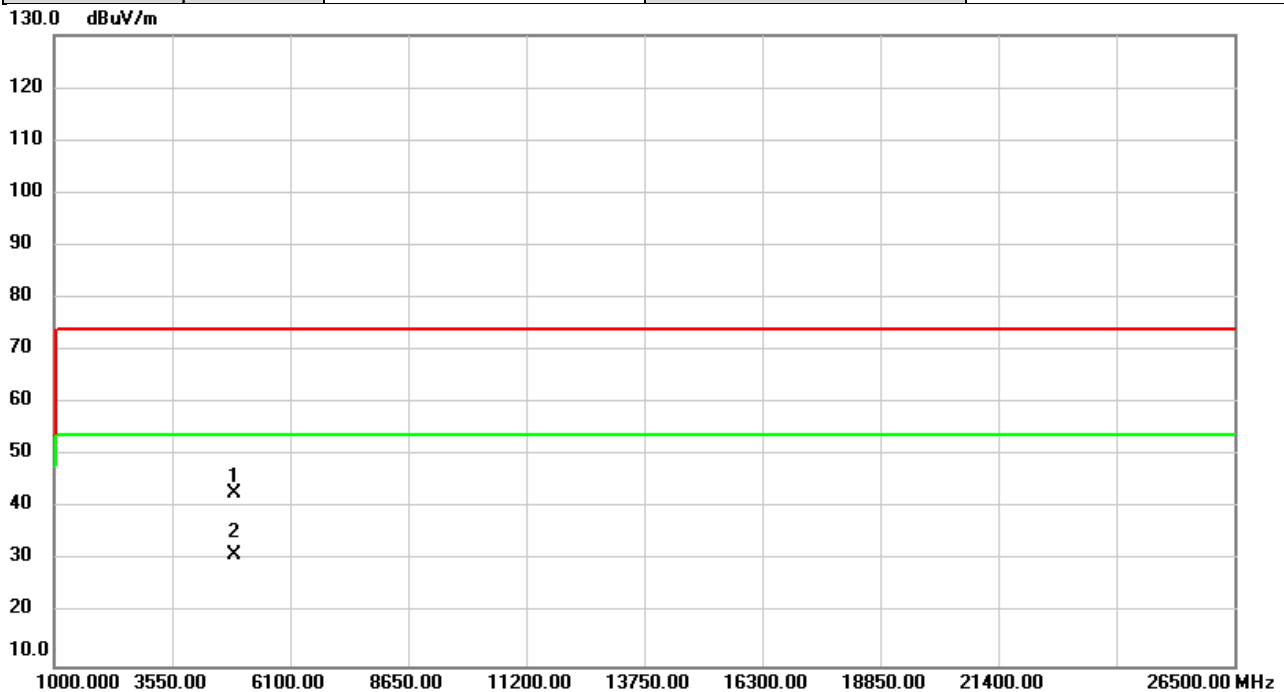


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	53.89	-11.53	42.36	74.00	-31.64	peak	
2	*	4904.000	42.77	-11.53	31.24	54.00	-22.76	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2452MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

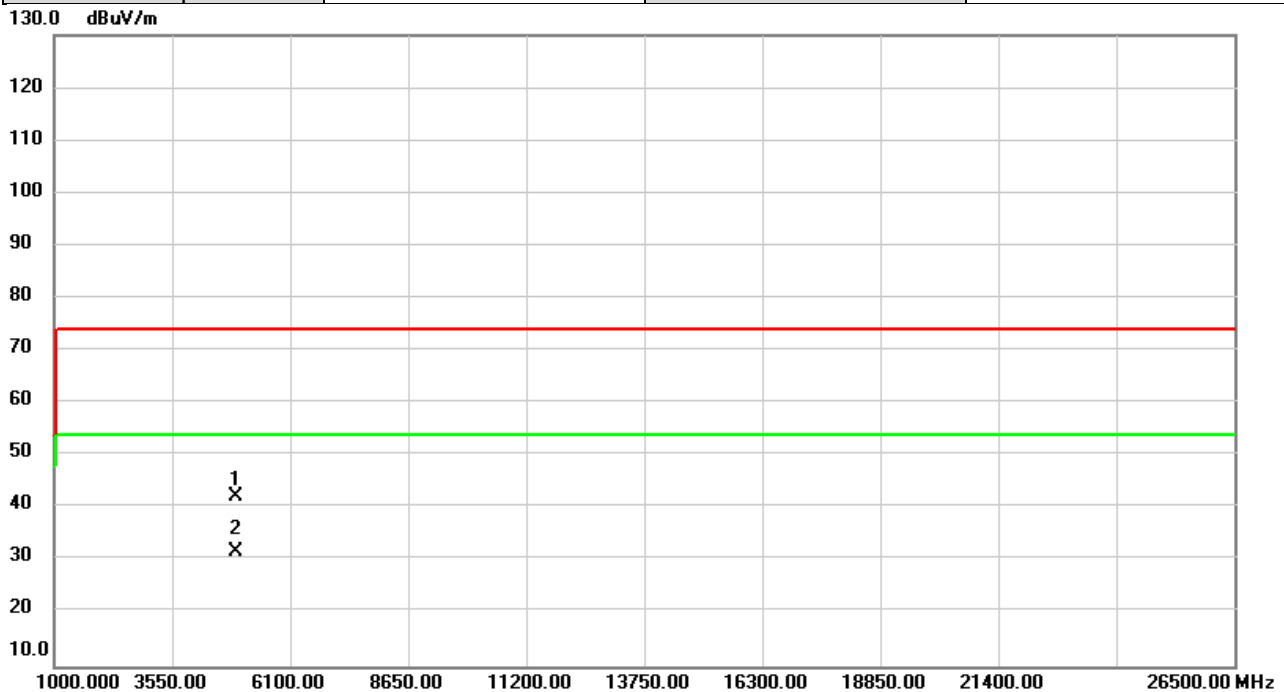


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	54.28	-11.53	42.75	74.00	-31.25	peak	
2	*	4904.000	42.77	-11.53	31.24	54.00	-22.76	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2457MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

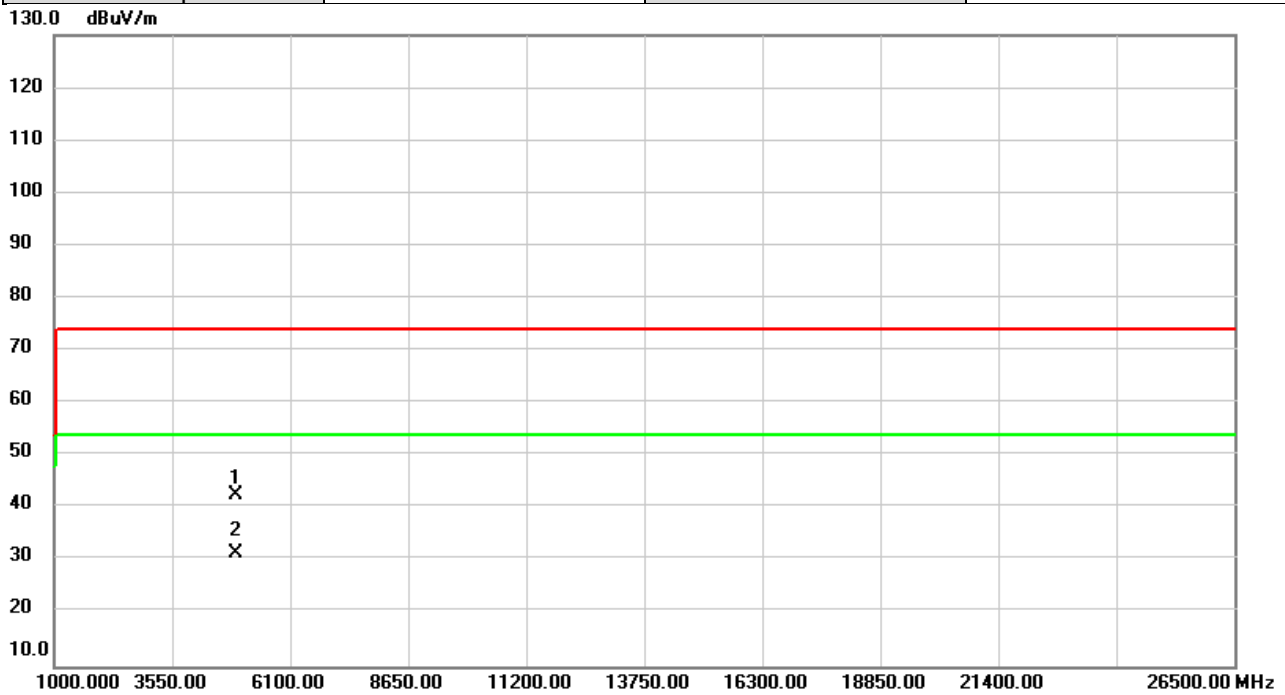


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	53.90	-11.52	42.38	74.00	-31.62	peak	
2	*	4914.000	43.39	-11.52	31.87	54.00	-22.13	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2457MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

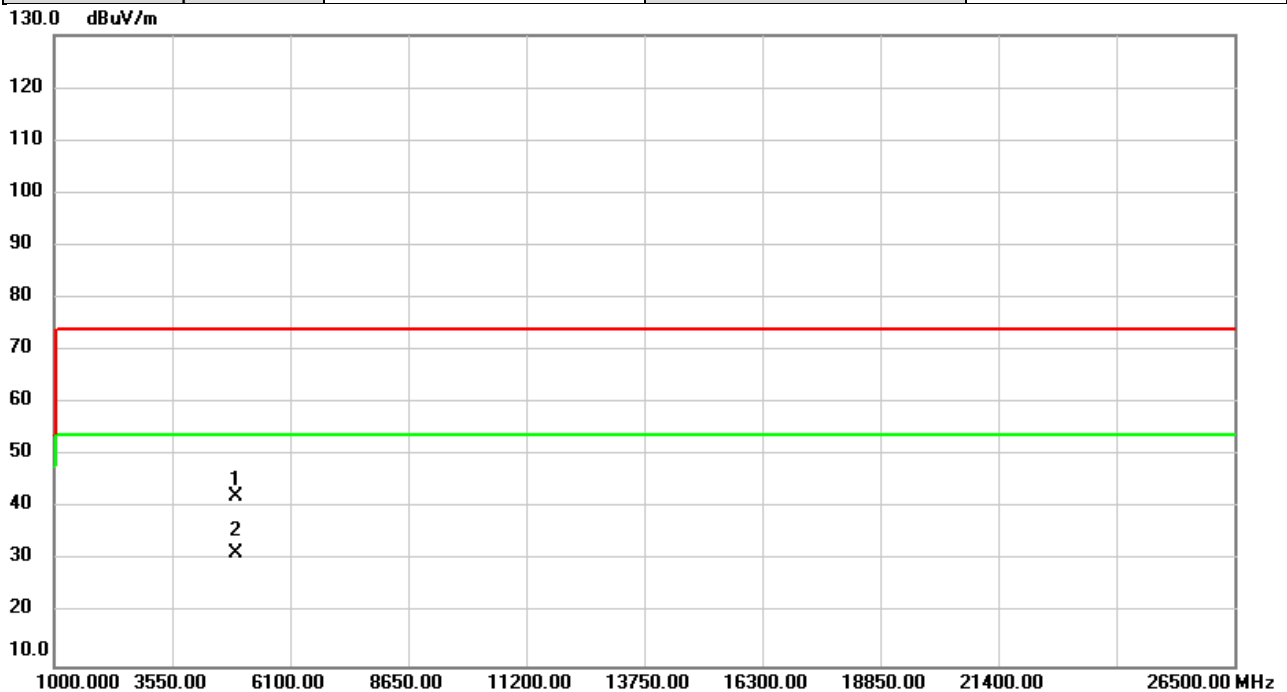


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	54.04	-11.52	42.52	74.00	-31.48	peak	
2	*	4914.000	42.88	-11.52	31.36	54.00	-22.64	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

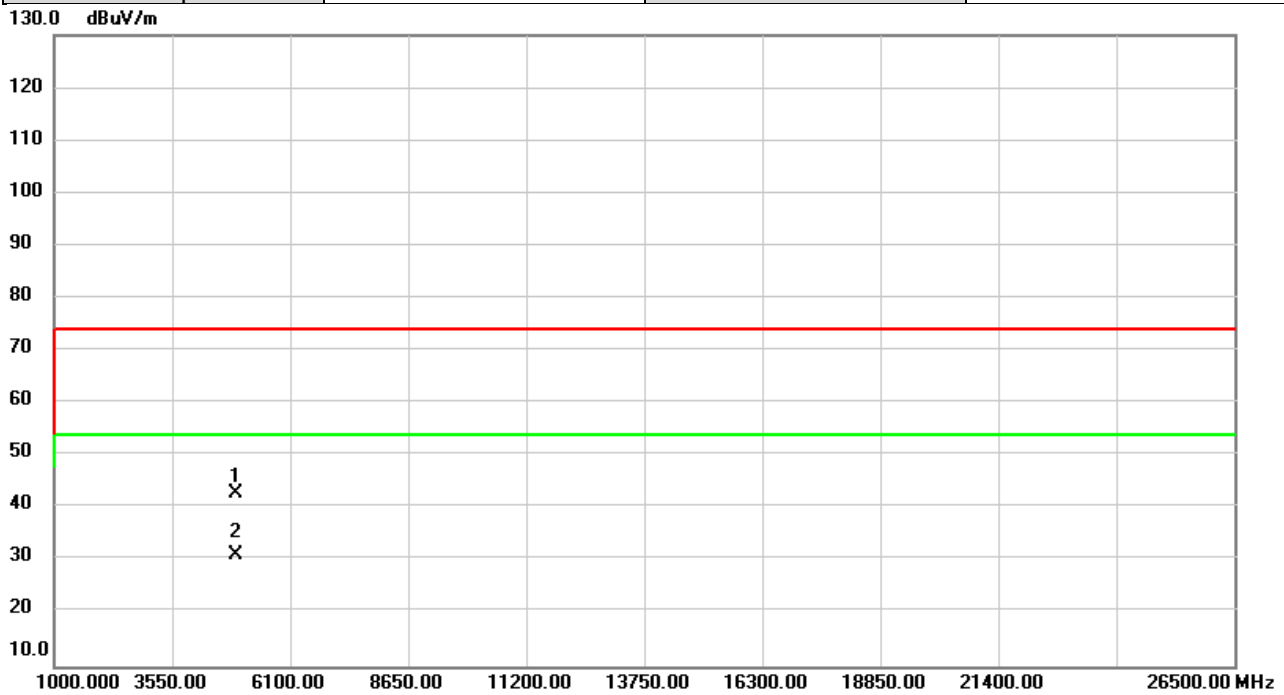


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	53.91	-11.51	42.40	74.00	-31.60	peak	
2	*	4924.000	43.06	-11.51	31.55	54.00	-22.45	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

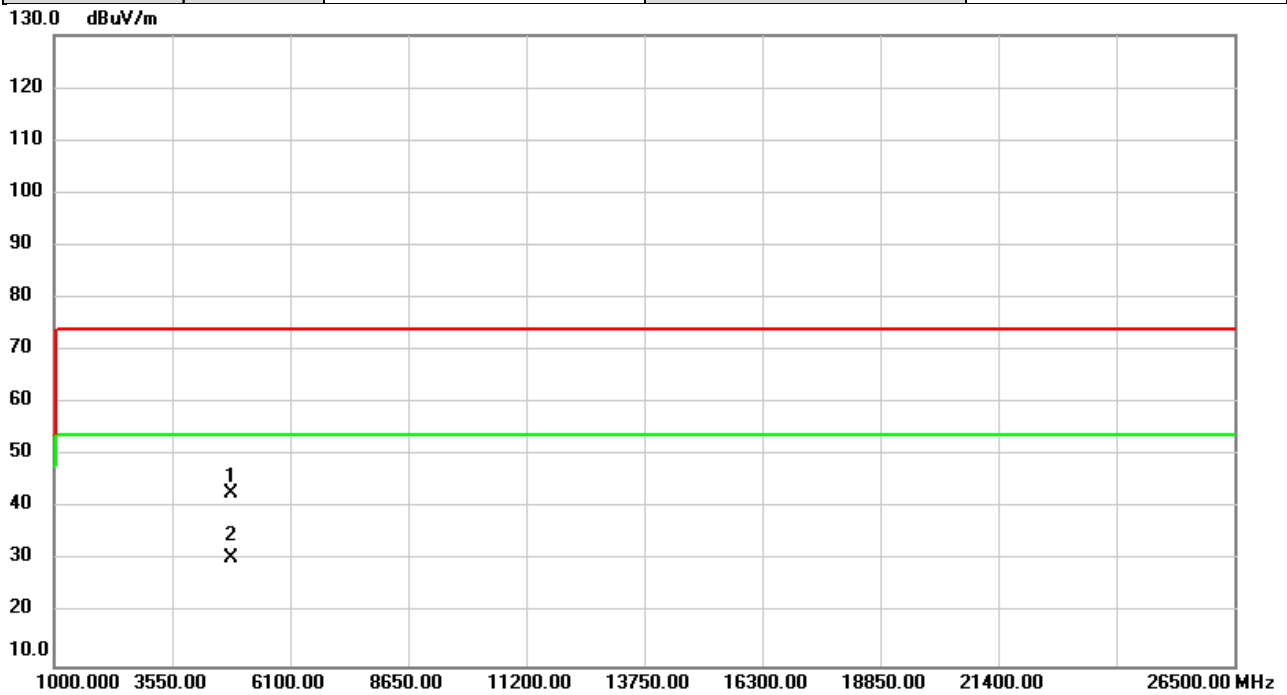


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	54.33	-11.51	42.82	74.00	-31.18	peak	
2	*	4924.000	42.75	-11.51	31.24	54.00	-22.76	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

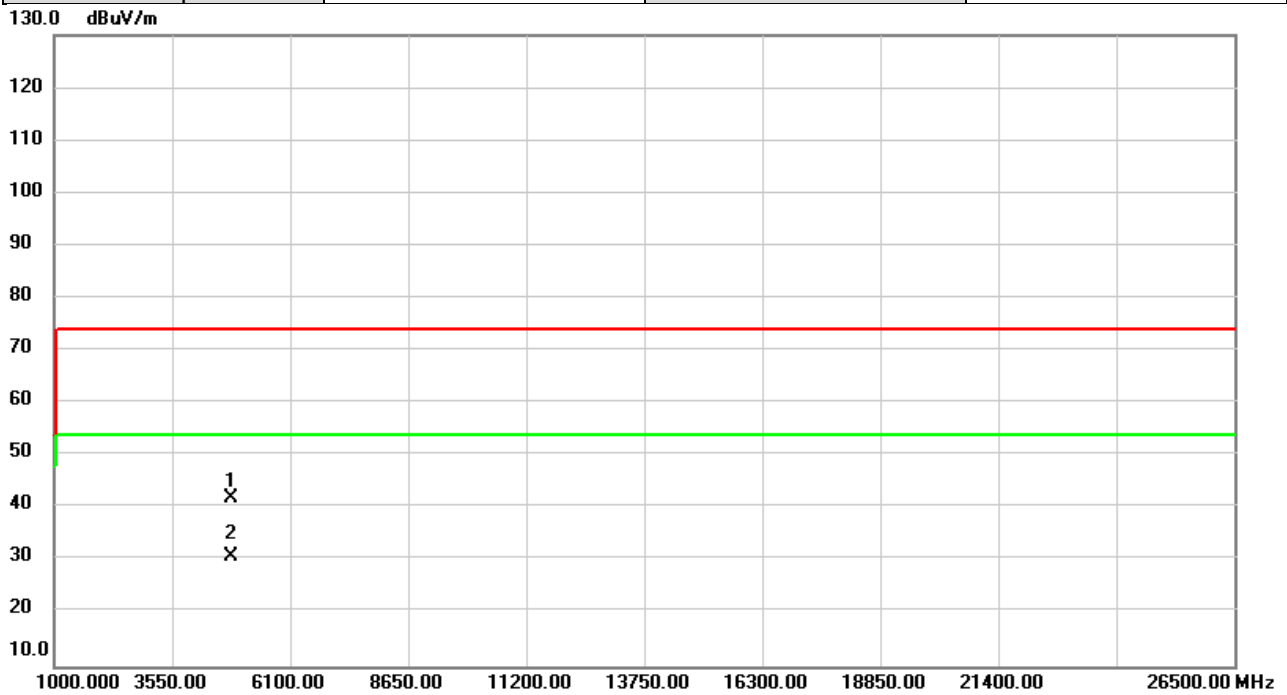


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	54.43	-11.64	42.79	74.00	-31.21	peak	
2	*	4824.000	42.31	-11.64	30.67	54.00	-23.33	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2412MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

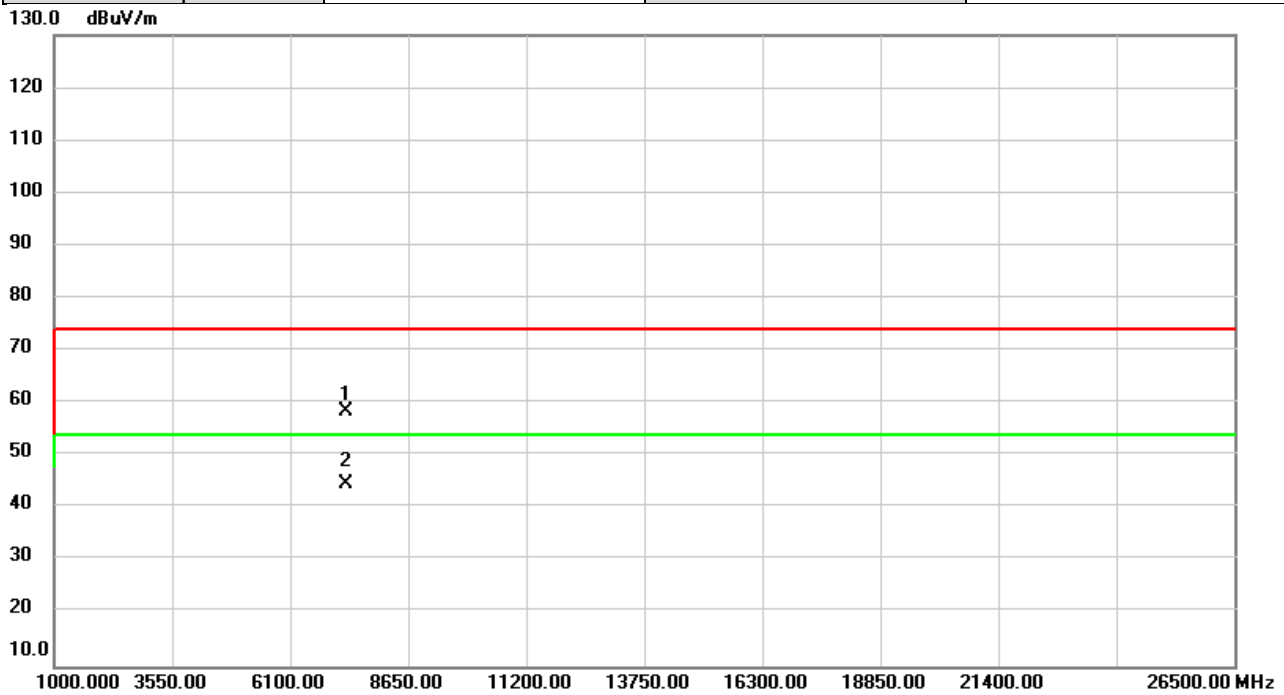


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	53.65	-11.64	42.01	74.00	-31.99	peak	
2	*	4824.000	42.54	-11.64	30.90	54.00	-23.10	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

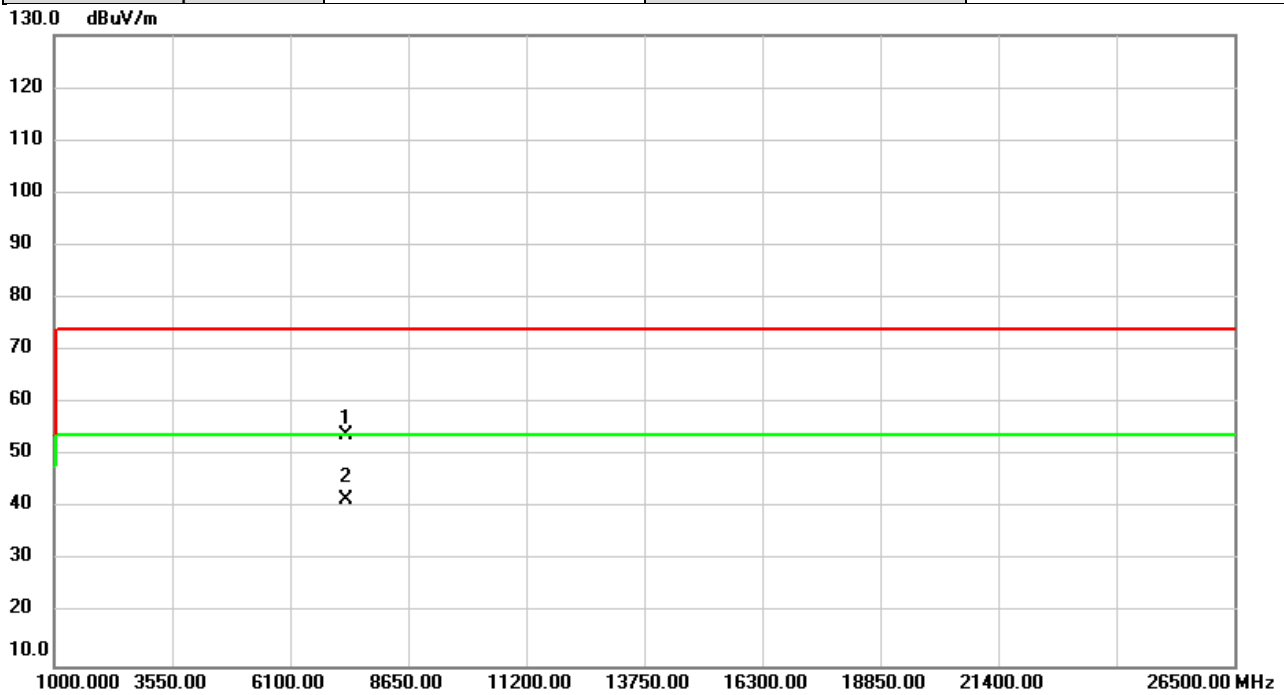


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	63.59	-5.08	58.51	74.00	-15.49	peak	
2	*	7311.000	49.72	-5.08	44.64	54.00	-9.36	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

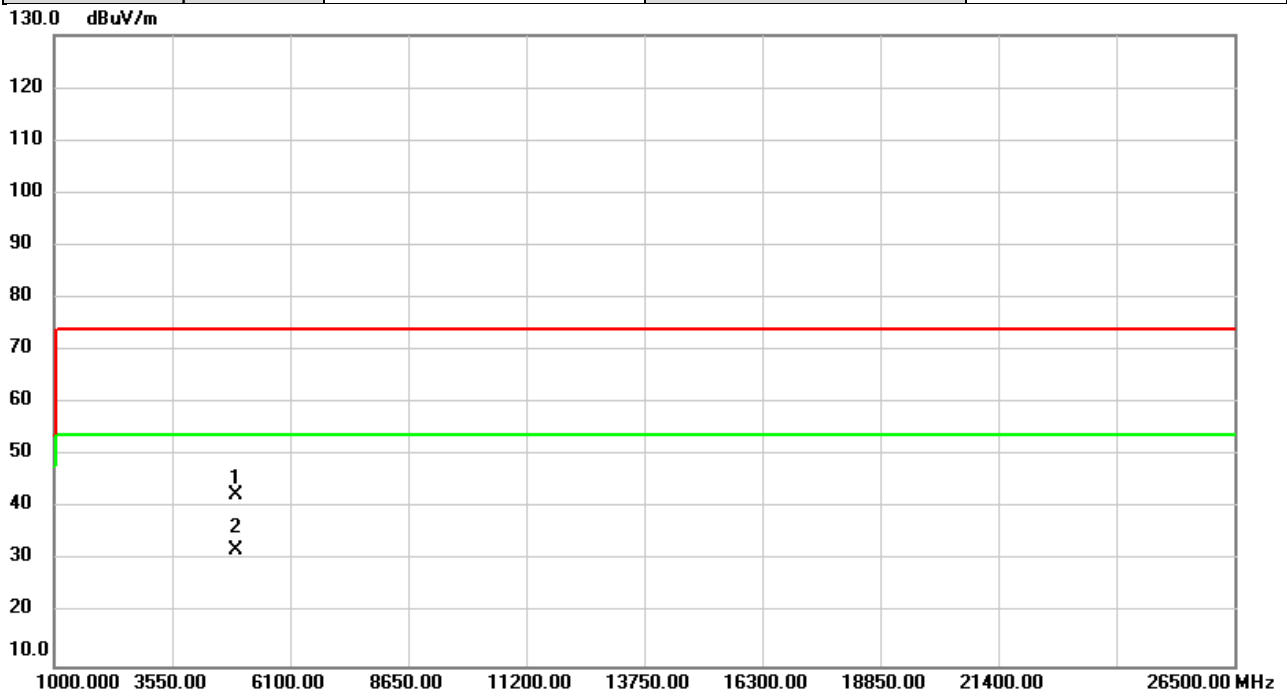


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	58.96	-5.08	53.88	74.00	-20.12	peak	
2	*	7311.000	46.80	-5.08	41.72	54.00	-12.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

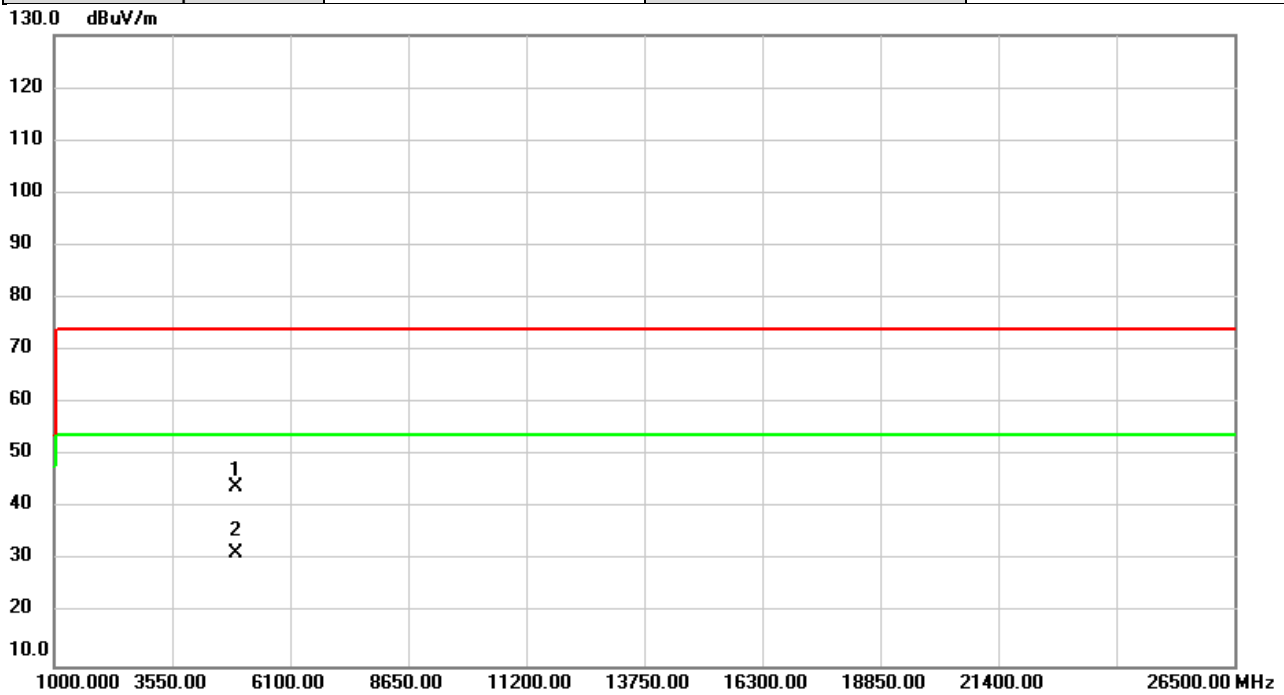


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	54.17	-11.51	42.66	74.00	-31.34	peak	
2	*	4924.000	43.56	-11.51	32.05	54.00	-21.95	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

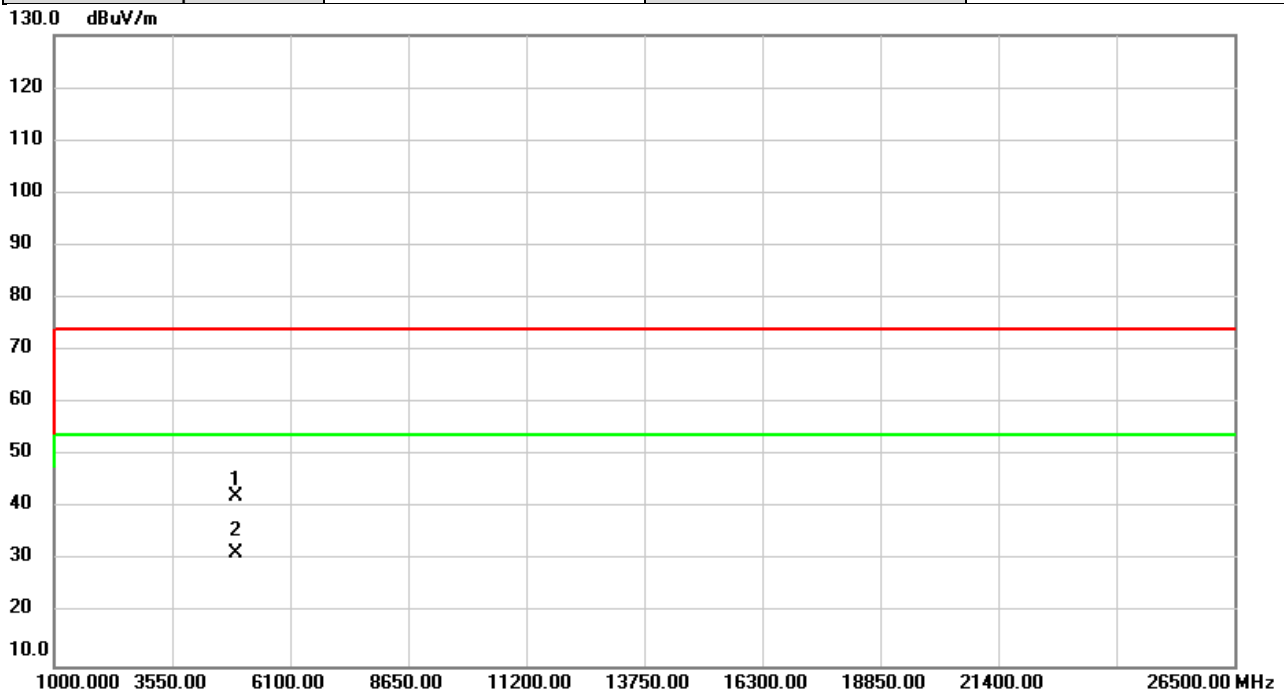


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	55.66	-11.51	44.15	74.00	-29.85	peak	
2	*	4924.000	43.03	-11.51	31.52	54.00	-22.48	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

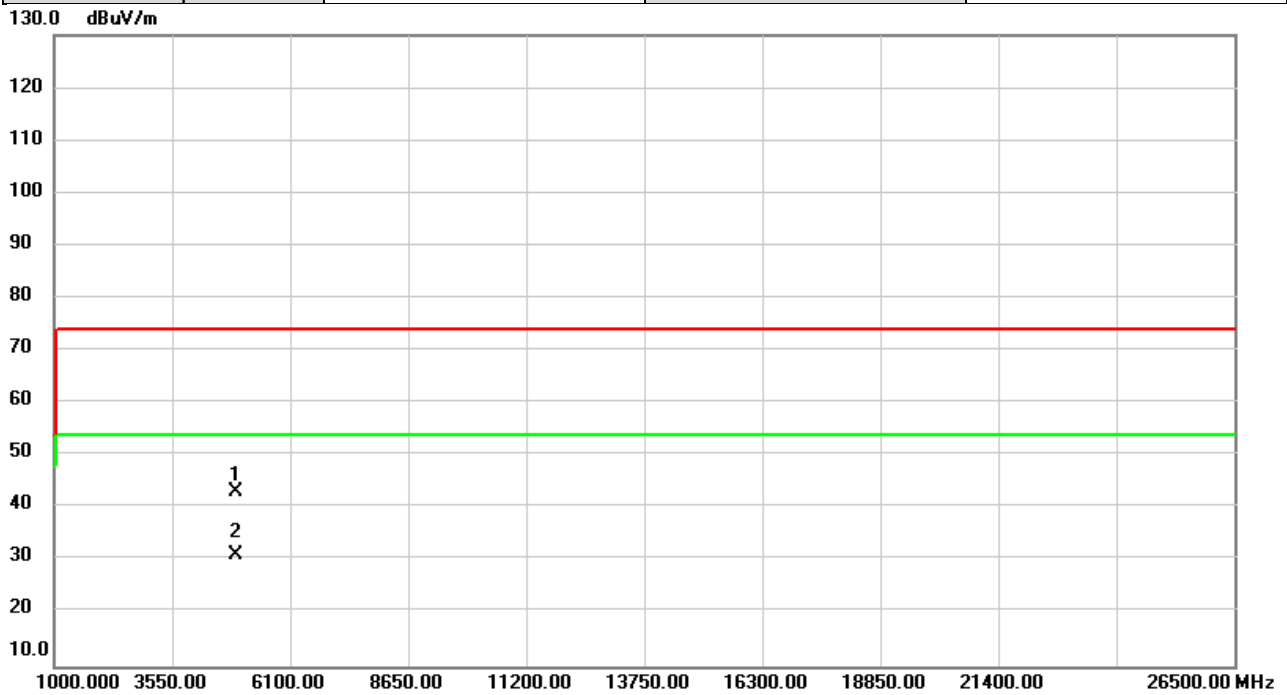


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	53.81	-11.49	42.32	74.00	-31.68	peak	
2	*	4934.000	42.91	-11.49	31.42	54.00	-22.58	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2467MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

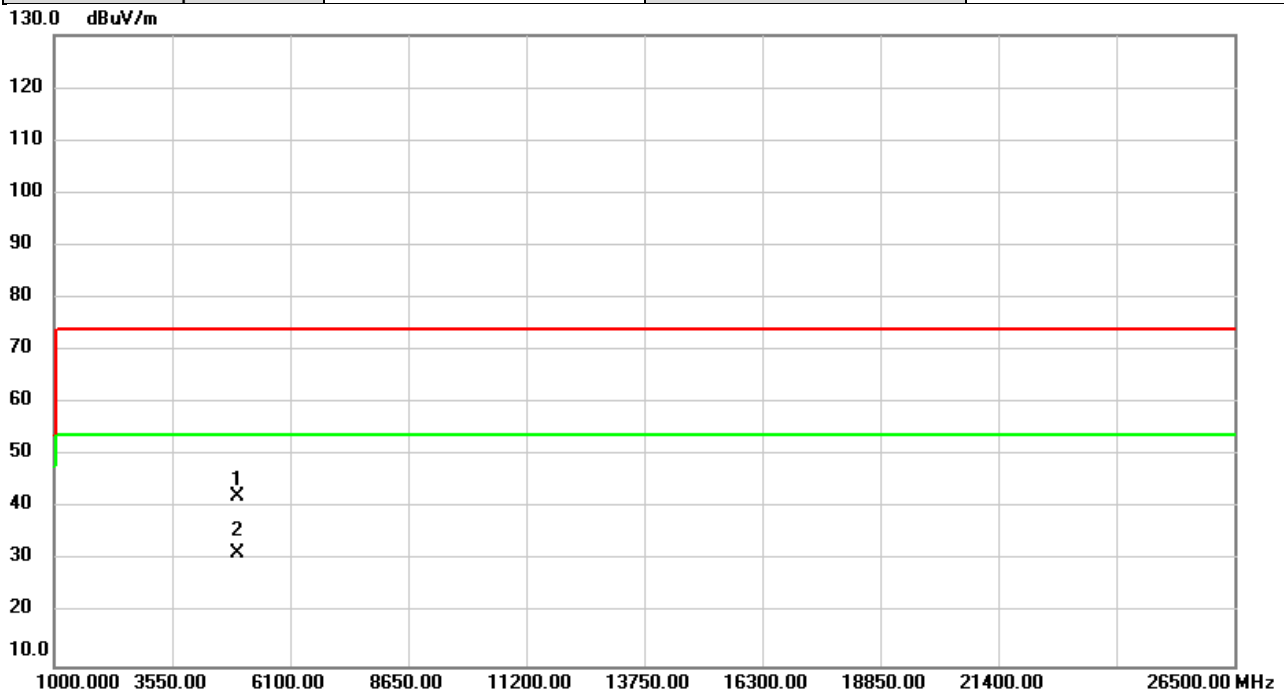


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	54.62	-11.49	43.13	74.00	-30.87	peak	
2	*	4934.000	42.67	-11.49	31.18	54.00	-22.82	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

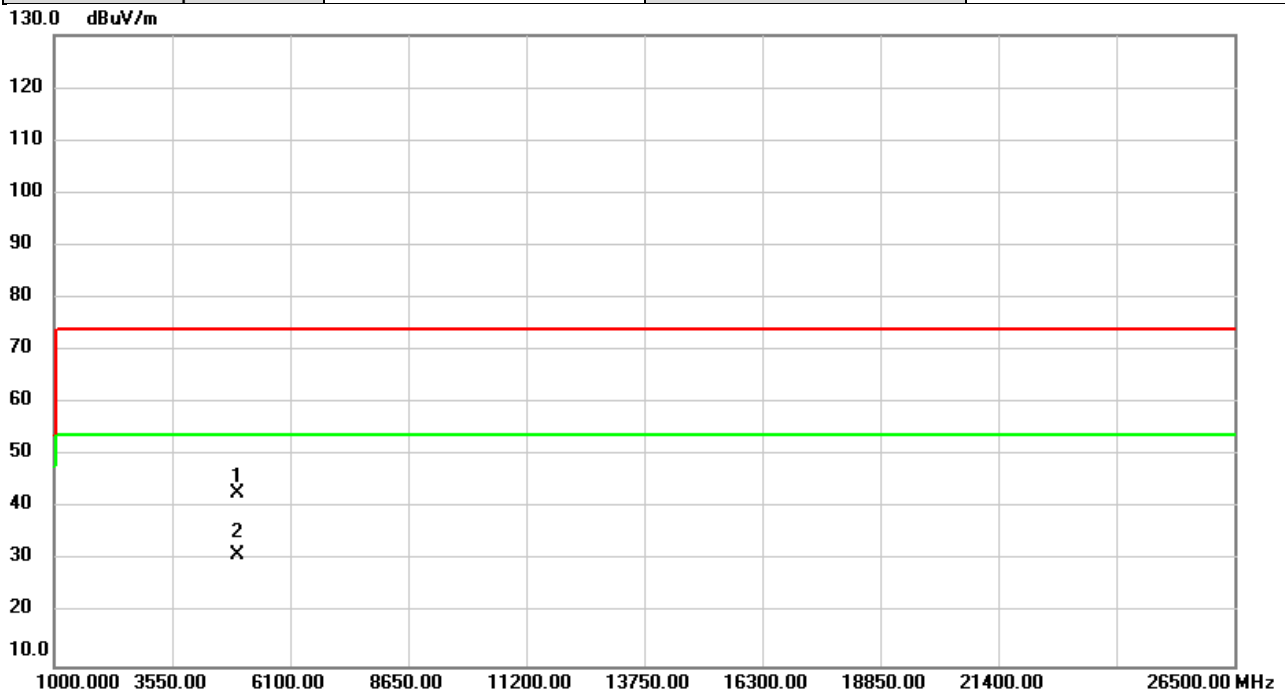


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	53.75	-11.48	42.27	74.00	-31.73	peak	
2	*	4944.000	42.83	-11.48	31.35	54.00	-22.65	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/12/7
Test Frequency	2472MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

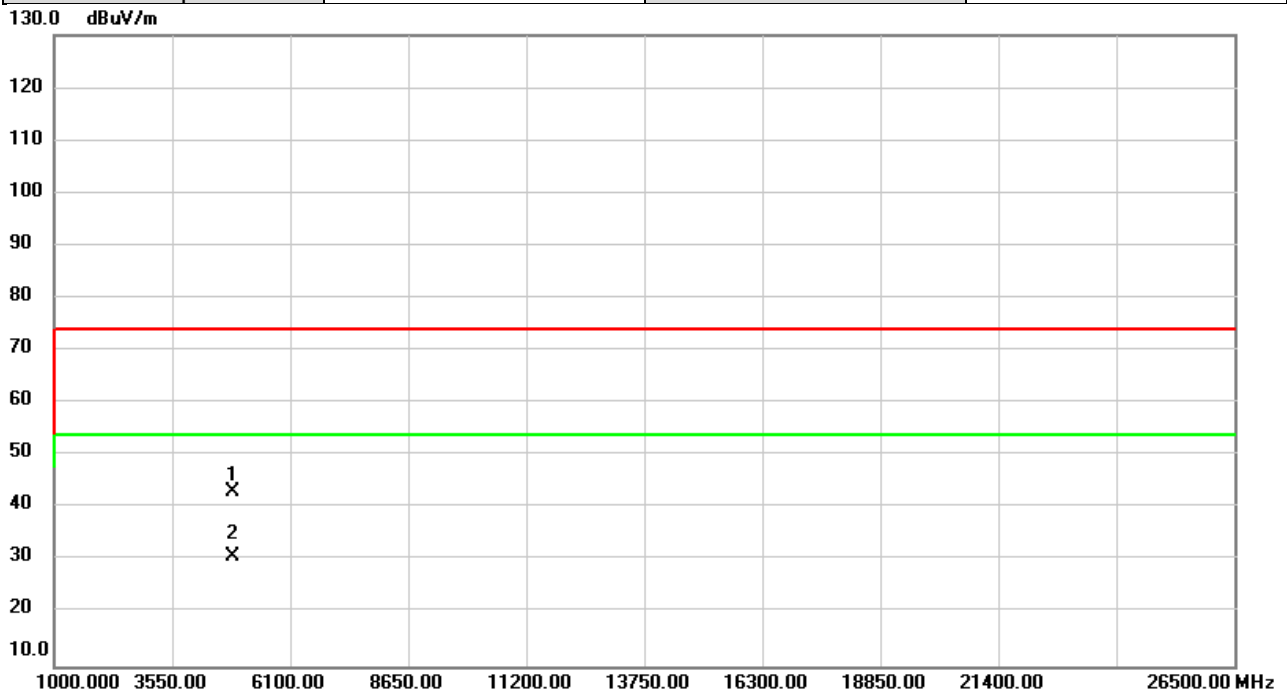


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	54.34	-11.48	42.86	74.00	-31.14	peak	
2	*	4944.000	42.64	-11.48	31.16	54.00	-22.84	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2422MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

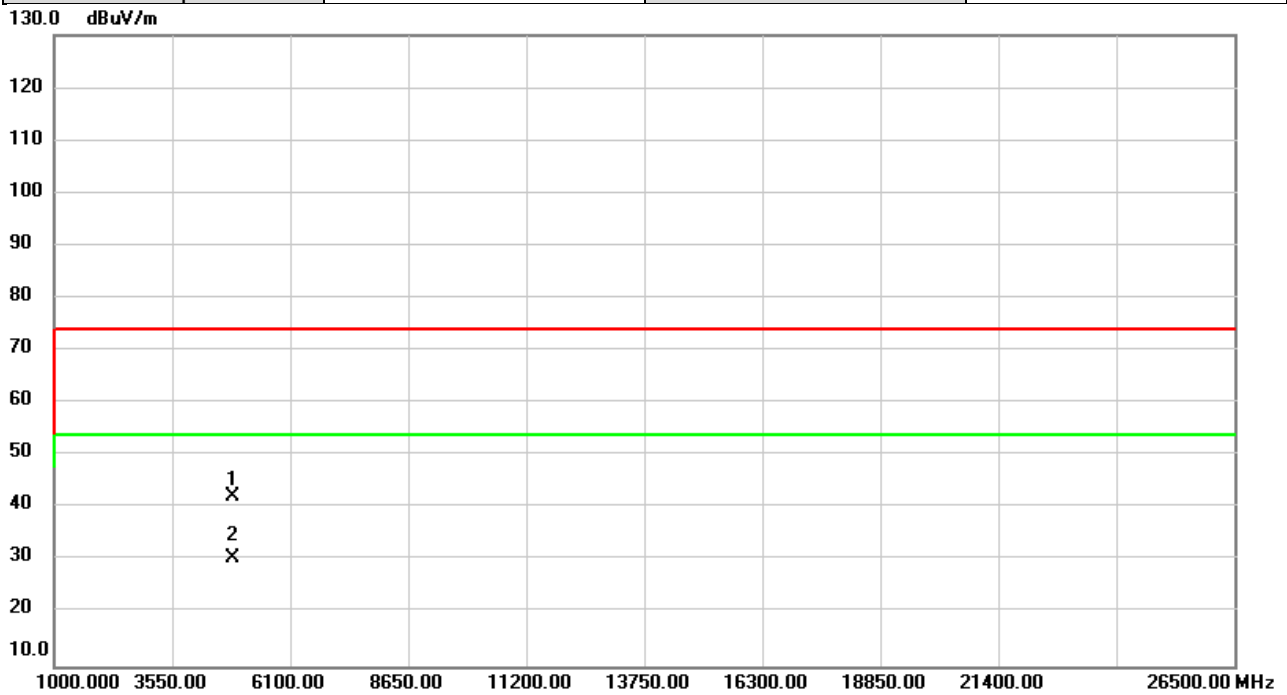


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	54.85	-11.61	43.24	74.00	-30.76	peak	
2	*	4844.000	42.46	-11.61	30.85	54.00	-23.15	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2422MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

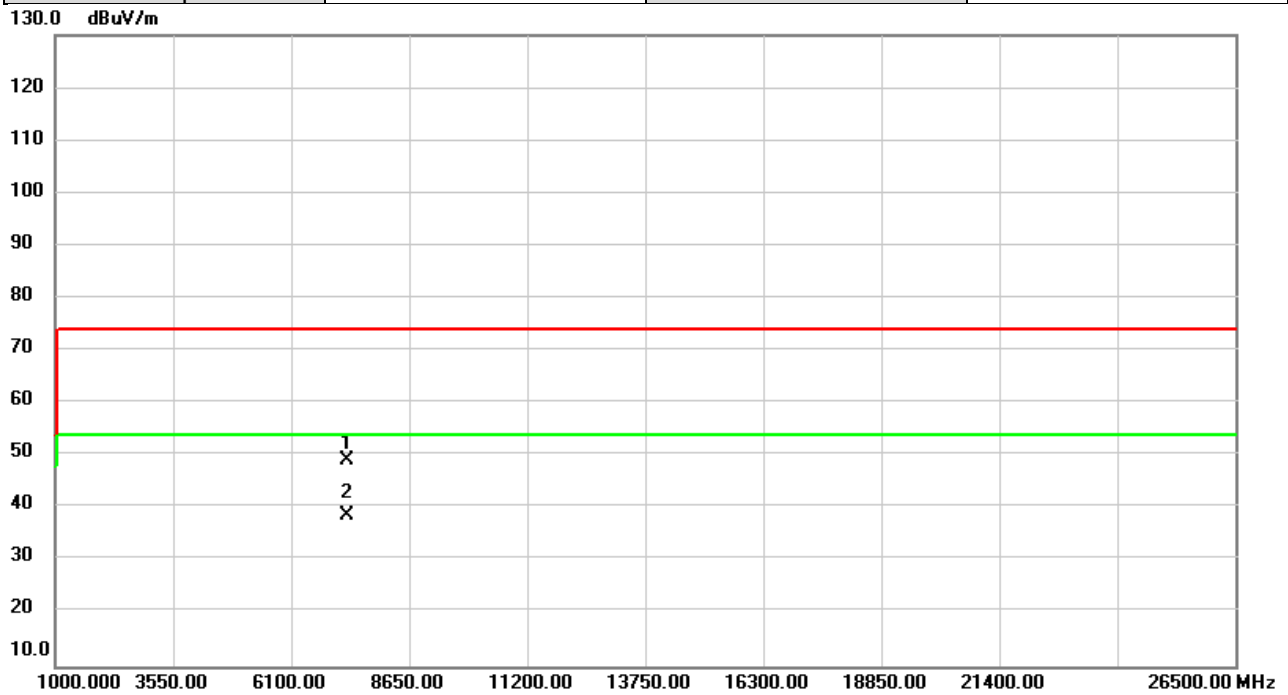


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	54.01	-11.61	42.40	74.00	-31.60	peak	
2	*	4844.000	42.19	-11.61	30.58	54.00	-23.42	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

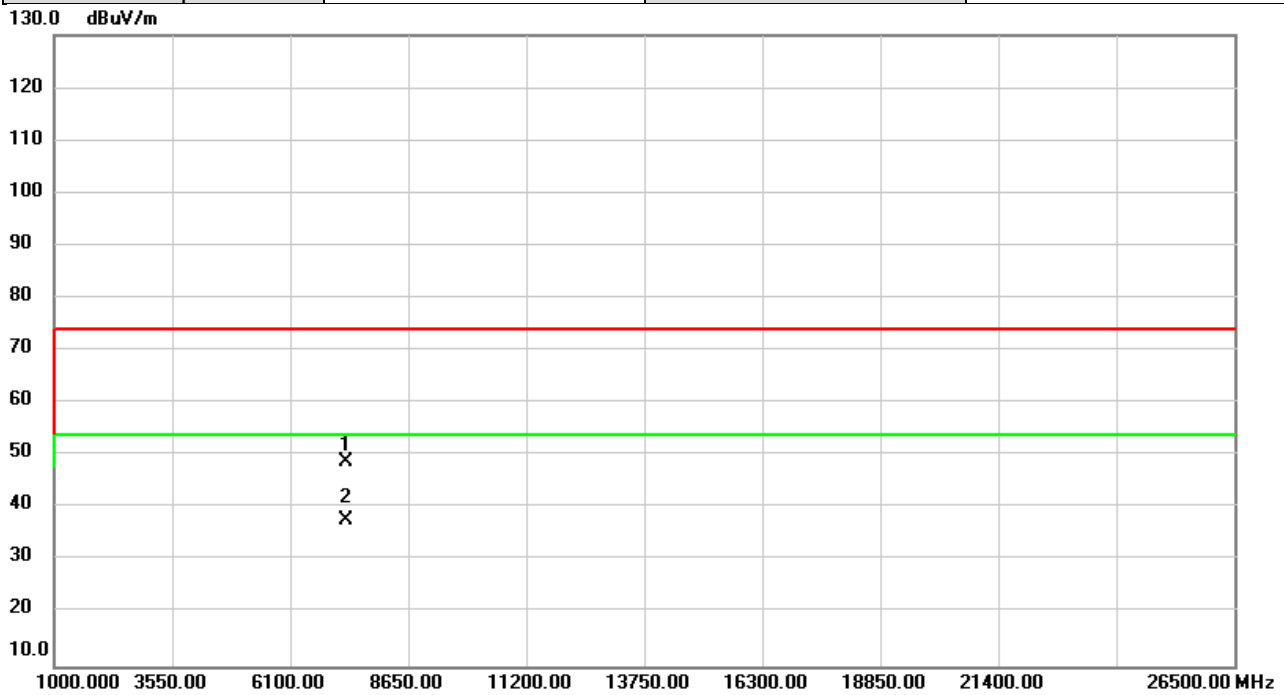


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7311.000	54.20	-5.08	49.12	74.00	-24.88	peak	
2	*	7311.000	43.75	-5.08	38.67	54.00	-15.33	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2437MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

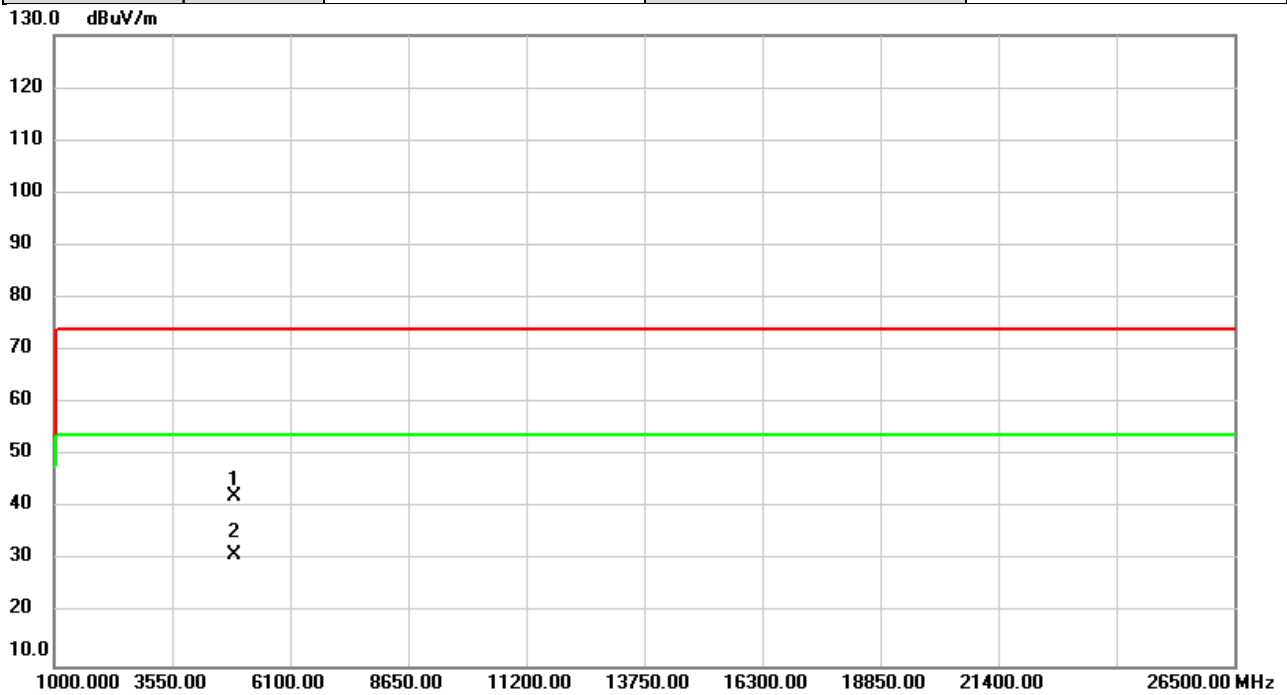


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		7311.000	54.07	-5.08	48.99	74.00	-25.01	peak	
2	*	7311.000	42.91	-5.08	37.83	54.00	-16.17	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2452MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

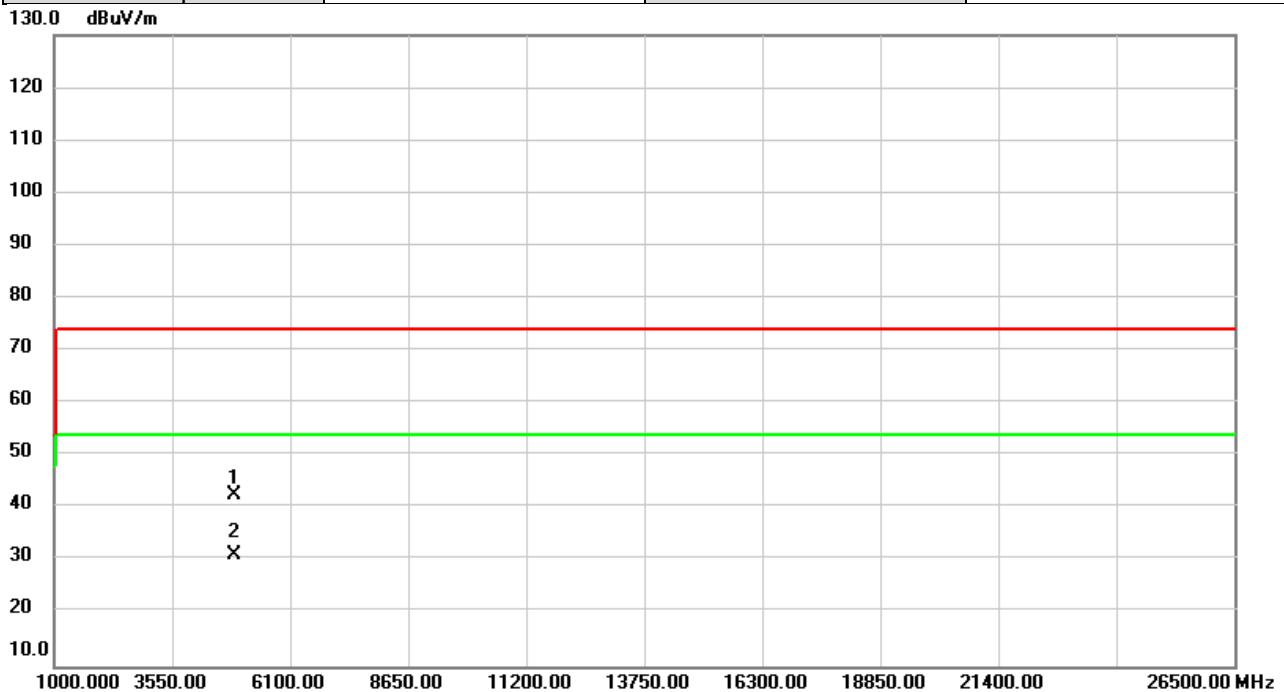


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	53.90	-11.53	42.37	74.00	-31.63	peak	
2	*	4904.000	42.82	-11.53	31.29	54.00	-22.71	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2452MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

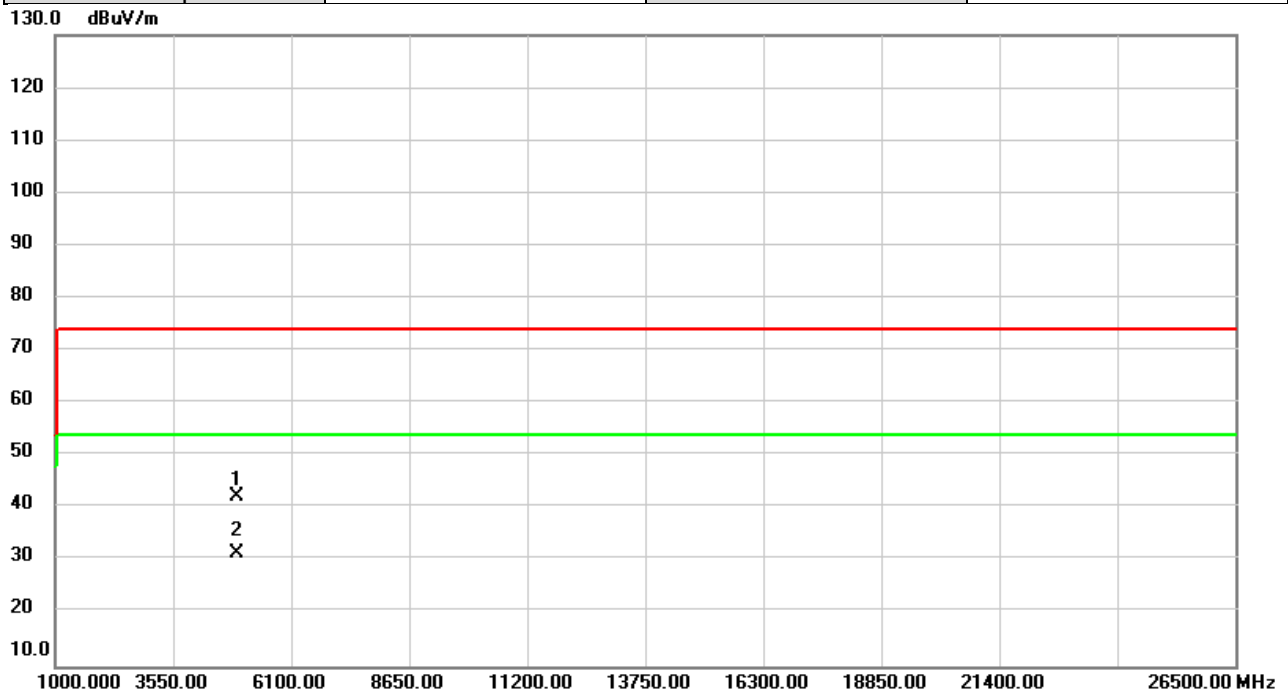


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	54.18	-11.53	42.65	74.00	-31.35	peak	
2	*	4904.000	42.80	-11.53	31.27	54.00	-22.73	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2457MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

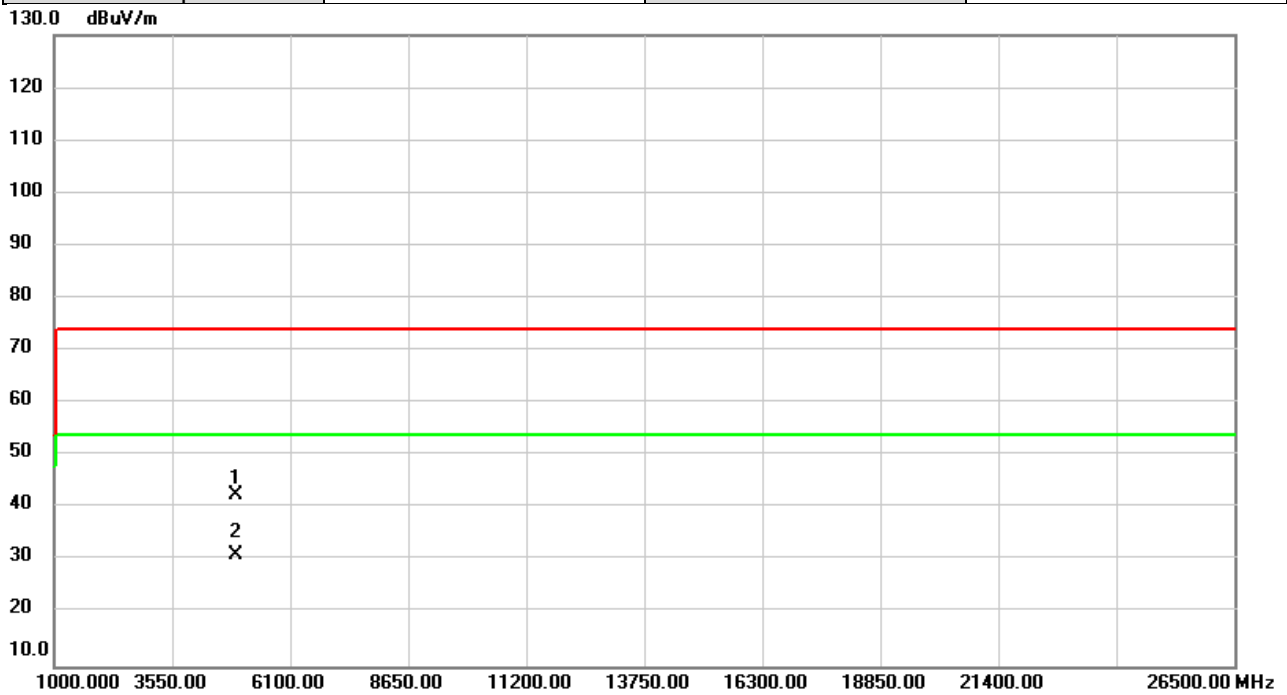


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	53.74	-11.52	42.22	74.00	-31.78	peak	
2	*	4914.000	42.97	-11.52	31.45	54.00	-22.55	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2457MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%

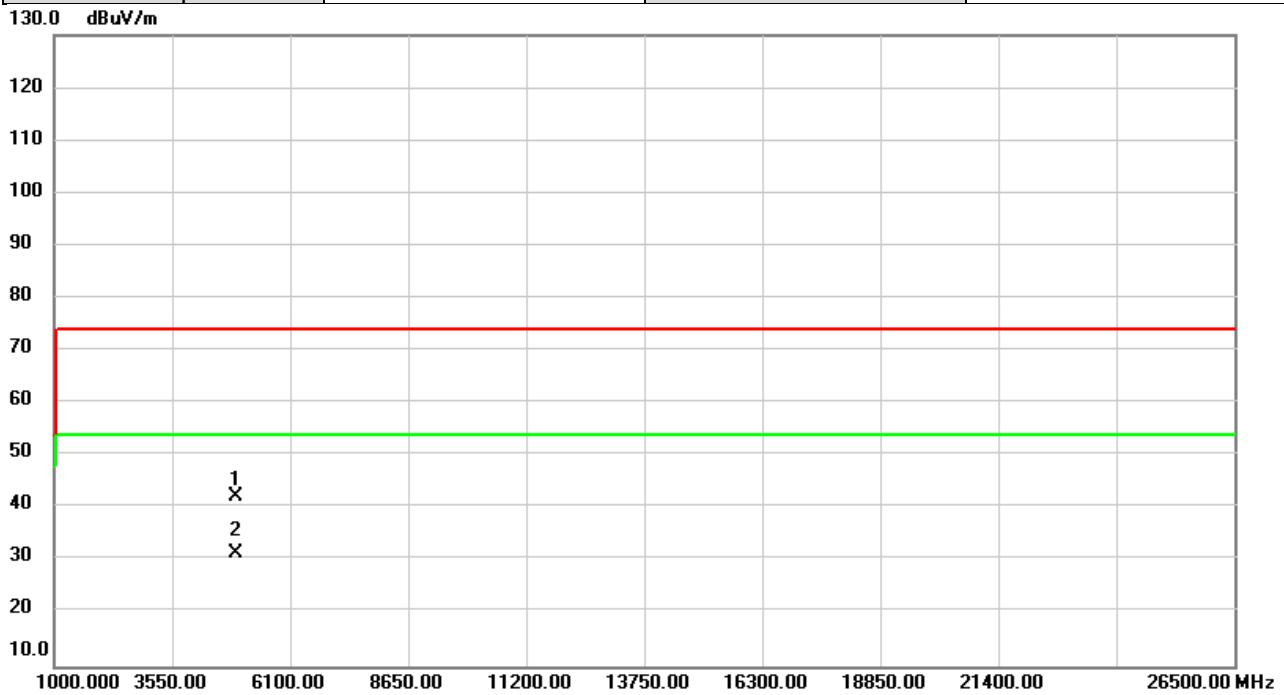


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	53.97	-11.52	42.45	74.00	-31.55	peak	
2	*	4914.000	42.65	-11.52	31.13	54.00	-22.87	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Vertical
Temp	20°C	Hum.	65%

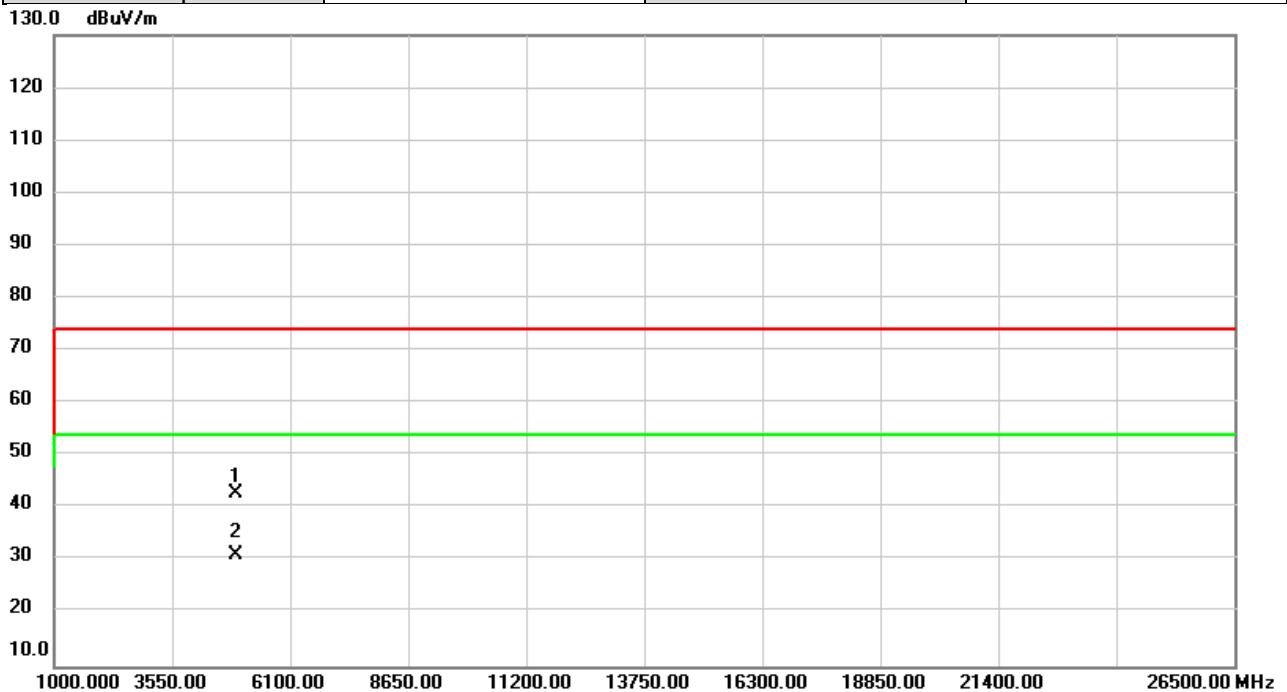


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	53.88	-11.51	42.37	74.00	-31.63	peak	
2	*	4924.000	42.94	-11.51	31.43	54.00	-22.57	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/12/7
Test Frequency	2462MHz	Polarization	Horizontal
Temp	20°C	Hum.	65%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	54.25	-11.51	42.74	74.00	-31.26	peak	
2	*	4924.000	42.76	-11.51	31.25	54.00	-22.75	AVG	

REMARKS:

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

APPENDIX D OUTPUT POWER

For SISO:

Test Mode	IEEE 802.11b_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.66	0.1466	30.00	1.0000	Complies
2437	23.80	0.2399	30.00	1.0000	Complies
2462	21.38	0.1374	30.00	1.0000	Complies
2467	17.47	0.0558	30.00	1.0000	Complies
2472	16.36	0.0433	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.59	0.1442	30.00	1.0000	Complies
2437	23.38	0.2178	30.00	1.0000	Complies
2462	21.51	0.1416	30.00	1.0000	Complies
2467	17.81	0.0604	30.00	1.0000	Complies
2472	16.72	0.0470	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	25.08	0.3221	30.00	1.0000	Complies
2437	26.38	0.4345	30.00	1.0000	Complies
2462	26.44	0.4406	30.00	1.0000	Complies
2467	24.77	0.2999	30.00	1.0000	Complies
2472	24.26	0.2667	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.60	0.2884	30.00	1.0000	Complies
2437	26.30	0.4266	30.00	1.0000	Complies
2462	26.15	0.4121	30.00	1.0000	Complies
2467	24.33	0.2710	30.00	1.0000	Complies
2472	24.04	0.2535	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.65	0.2917	30.00	1.0000	Complies
2437	26.20	0.4169	30.00	1.0000	Complies
2462	25.98	0.3963	30.00	1.0000	Complies
2467	24.51	0.2825	30.00	1.0000	Complies
2472	24.06	0.2547	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.20	0.2630	30.00	1.0000	Complies
2437	26.13	0.4102	30.00	1.0000	Complies
2462	25.55	0.3589	30.00	1.0000	Complies
2467	24.24	0.2655	30.00	1.0000	Complies
2472	23.63	0.2307	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.37	0.2173	30.00	1.0000	Complies
2437	25.98	0.3963	30.00	1.0000	Complies
2452	25.24	0.3342	30.00	1.0000	Complies
2457	25.21	0.3319	30.00	1.0000	Complies
2462	23.62	0.2301	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.06	0.2023	30.00	1.0000	Complies
2437	25.91	0.3899	30.00	1.0000	Complies
2452	24.58	0.2871	30.00	1.0000	Complies
2457	24.51	0.2825	30.00	1.0000	Complies
2462	23.16	0.2070	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.86	0.3062	30.00	1.0000	Complies
2437	26.39	0.4355	30.00	1.0000	Complies
2462	26.19	0.4159	30.00	1.0000	Complies
2467	24.76	0.2992	30.00	1.0000	Complies
2472	24.28	0.2679	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.34	0.2716	30.00	1.0000	Complies
2437	26.35	0.4315	30.00	1.0000	Complies
2462	25.76	0.3767	30.00	1.0000	Complies
2467	24.39	0.2748	30.00	1.0000	Complies
2472	23.83	0.2415	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.58	0.2280	30.00	1.0000	Complies
2437	26.17	0.4140	30.00	1.0000	Complies
2452	25.48	0.3532	30.00	1.0000	Complies
2457	25.36	0.3436	30.00	1.0000	Complies
2462	23.85	0.2427	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	22.21	0.1663	30.00	1.0000	Complies
2437	26.09	0.4064	30.00	1.0000	Complies
2452	24.74	0.2979	30.00	1.0000	Complies
2457	24.68	0.2938	30.00	1.0000	Complies
2462	23.34	0.2158	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW20)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.86	0.3062	30.00	1.0000	Complies
2437	26.40	0.4365	30.00	1.0000	Complies
2462	26.23	0.4198	30.00	1.0000	Complies
2467	24.87	0.3069	30.00	1.0000	Complies
2472	24.63	0.2904	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW20)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.00	0.2512	30.00	1.0000	Complies
2437	26.30	0.4266	30.00	1.0000	Complies
2462	25.72	0.3733	30.00	1.0000	Complies
2467	24.57	0.2864	30.00	1.0000	Complies
2472	23.06	0.2023	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW40)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.50	0.2239	30.00	1.0000	Complies
2437	26.21	0.4178	30.00	1.0000	Complies
2452	25.85	0.3846	30.00	1.0000	Complies
2457	25.50	0.3548	30.00	1.0000	Complies
2462	24.70	0.2951	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW40)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	22.51	0.1782	30.00	1.0000	Complies
2437	26.13	0.4102	30.00	1.0000	Complies
2452	24.96	0.3133	30.00	1.0000	Complies
2457	24.93	0.3112	30.00	1.0000	Complies
2462	23.47	0.2223	30.00	1.0000	Complies

For MIMO

Test Mode	IEEE 802.11b_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.83	0.1524	30.00	1.0000	Complies
2437	23.97	0.2495	30.00	1.0000	Complies
2462	21.53	0.1422	30.00	1.0000	Complies
2467	17.60	0.0575	30.00	1.0000	Complies
2472	16.53	0.0450	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	21.74	0.1493	30.00	1.0000	Complies
2437	23.56	0.2270	30.00	1.0000	Complies
2462	21.64	0.1459	30.00	1.0000	Complies
2467	17.94	0.0622	30.00	1.0000	Complies
2472	16.86	0.0485	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Total	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.80	0.3017	30.00	1.0000	Complies
2437	26.78	0.4764	30.00	1.0000	Complies
2462	24.60	0.2881	30.00	1.0000	Complies
2467	20.78	0.1198	30.00	1.0000	Complies
2472	19.71	0.0935	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	25.21	0.3319	30.00	1.0000	Complies
2437	26.55	0.4519	30.00	1.0000	Complies
2462	26.58	0.4550	30.00	1.0000	Complies
2467	24.89	0.3083	30.00	1.0000	Complies
2472	24.42	0.2767	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.76	0.2992	30.00	1.0000	Complies
2437	26.44	0.4406	30.00	1.0000	Complies
2462	26.30	0.4266	30.00	1.0000	Complies
2467	24.49	0.2812	30.00	1.0000	Complies
2472	24.17	0.2612	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Total	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	28.00	0.6311	30.00	1.0000	Complies
2437	29.51	0.8924	30.00	1.0000	Complies
2462	29.45	0.8816	30.00	1.0000	Complies
2467	27.70	0.5895	30.00	1.0000	Complies
2472	27.31	0.5379	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.80	0.3020	30.00	1.0000	Complies
2437	26.32	0.4285	30.00	1.0000	Complies
2462	26.15	0.4121	30.00	1.0000	Complies
2467	24.70	0.2951	30.00	1.0000	Complies
2472	24.21	0.2636	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.32	0.2704	30.00	1.0000	Complies
2437	26.29	0.4256	30.00	1.0000	Complies
2462	25.72	0.3733	30.00	1.0000	Complies
2467	24.37	0.2735	30.00	1.0000	Complies
2472	23.78	0.2388	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	27.58	0.5724	30.00	1.0000	Complies
2437	29.32	0.8541	30.00	1.0000	Complies
2462	28.95	0.7853	30.00	1.0000	Complies
2467	27.55	0.5686	30.00	1.0000	Complies
2472	27.01	0.5024	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.50	0.2239	30.00	1.0000	Complies
2437	26.12	0.4093	30.00	1.0000	Complies
2452	25.42	0.3483	30.00	1.0000	Complies
2457	25.34	0.3420	30.00	1.0000	Complies
2462	23.75	0.2371	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.20	0.2089	30.00	1.0000	Complies
2437	26.04	0.4018	30.00	1.0000	Complies
2452	24.72	0.2965	30.00	1.0000	Complies
2457	24.64	0.2911	30.00	1.0000	Complies
2462	23.31	0.2143	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	26.36	0.4328	30.00	1.0000	Complies
2437	29.09	0.8111	30.00	1.0000	Complies
2452	28.09	0.6448	30.00	1.0000	Complies
2457	28.01	0.6331	30.00	1.0000	Complies
2462	26.55	0.4514	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.99	0.3155	30.00	1.0000	Complies
2437	26.53	0.4498	30.00	1.0000	Complies
2462	26.36	0.4325	30.00	1.0000	Complies
2467	24.89	0.3083	30.00	1.0000	Complies
2472	24.41	0.2761	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.51	0.2825	30.00	1.0000	Complies
2437	26.48	0.4446	30.00	1.0000	Complies
2462	25.91	0.3899	30.00	1.0000	Complies
2467	24.57	0.2864	30.00	1.0000	Complies
2472	23.95	0.2483	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Total	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	27.77	0.5980	30.00	1.0000	Complies
2437	29.52	0.8944	30.00	1.0000	Complies
2462	29.15	0.8225	30.00	1.0000	Complies
2467	27.74	0.5947	30.00	1.0000	Complies
2472	27.20	0.5244	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.72	0.2355	30.00	1.0000	Complies
2437	26.33	0.4295	30.00	1.0000	Complies
2452	25.61	0.3639	30.00	1.0000	Complies
2457	25.53	0.3573	30.00	1.0000	Complies
2462	23.97	0.2495	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.37	0.2173	30.00	1.0000	Complies
2437	26.26	0.4227	30.00	1.0000	Complies
2452	24.93	0.3112	30.00	1.0000	Complies
2457	24.82	0.3034	30.00	1.0000	Complies
2462	23.52	0.2249	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Total	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	26.56	0.4528	30.00	1.0000	Complies
2437	29.31	0.8522	30.00	1.0000	Complies
2452	28.29	0.6751	30.00	1.0000	Complies
2457	28.20	0.6607	30.00	1.0000	Complies
2462	26.76	0.4744	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW20)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.53	0.2838	30.00	1.0000	Complies
2437	26.53	0.4498	30.00	1.0000	Complies
2462	26.37	0.4335	30.00	1.0000	Complies
2467	25.02	0.3177	30.00	1.0000	Complies
2472	24.76	0.2992	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW20)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.17	0.2612	30.00	1.0000	Complies
2437	26.48	0.4446	30.00	1.0000	Complies
2462	25.89	0.3882	30.00	1.0000	Complies
2467	24.71	0.2958	30.00	1.0000	Complies
2472	23.21	0.2094	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW20)_Total	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	27.36	0.5450	30.00	1.0000	Complies
2437	29.52	0.8944	30.00	1.0000	Complies
2462	29.15	0.8217	30.00	1.0000	Complies
2467	27.88	0.6135	30.00	1.0000	Complies
2472	27.06	0.5086	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW40)_Main	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	23.66	0.2323	30.00	1.0000	Complies
2437	26.33	0.4295	30.00	1.0000	Complies
2452	26.03	0.4009	30.00	1.0000	Complies
2457	25.62	0.3648	30.00	1.0000	Complies
2462	24.88	0.3076	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW40)_Aux	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	22.65	0.1841	30.00	1.0000	Complies
2437	26.26	0.4227	30.00	1.0000	Complies
2452	25.14	0.3266	30.00	1.0000	Complies
2457	25.12	0.3251	30.00	1.0000	Complies
2462	23.63	0.2307	30.00	1.0000	Complies

Test Mode	IEEE 802.11ax (HEW40)_Total	Tested Date	2021/12/10
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	26.19	0.4164	30.00	1.0000	Complies
2437	29.31	0.8522	30.00	1.0000	Complies
2452	28.62	0.7275	30.00	1.0000	Complies
2457	28.39	0.6898	30.00	1.0000	Complies
2462	27.31	0.5383	30.00	1.0000	Complies

End of Test Report