

FCC Radio Test Report

FCC ID: TX2-RTL8822CE

Report No. : BTL-FCCP-3-2109T062
Equipment : 802.11a/b/g/n/ac RTL8822CE Combo module
Model Name : RTL8822CE
Brand Name : Realtek
Applicant : Realtek Semiconductor Corp.
Address : No. 2, Innovation Road II, Hsinchu Science Part, Hsinchu 300, Taiwan

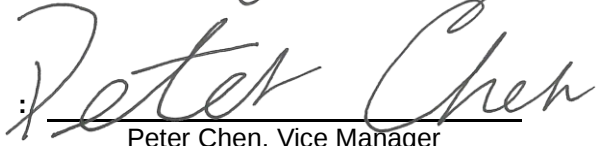
Radio Function : WLAN 2.4 GHz

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

Date of Receipt : 2021/9/15
Date of Test : 2021/9/15 ~ 2021/11/5
Issued Date : 2022/1/14

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

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Declaration

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

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

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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-3-2109T062	R00	Original Report.	2022/1/14

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

FCC Part 15, Subpart C (15.247)				
Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.205 15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C	Pass	-----
15.247(b)	Output Power	APPENDIX D	Pass	-----

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) This test report is issued for the RF module (FCCID: TX2-RTL8822CE) to be incorporated to the host device (Model number: 81MC, Lenovo 500e Chromebook 2nd Genxxxxxx, Lenovo 300e Chromebook 2nd Genxxxxxx, 81MCxxxxxx, 81MBxxxxxx(The"x" in the model name can be 0 to 9, A to Z, a to z, "-" or blank), 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	22 °C, 64 %	AC 120V	Paul Shen
Radiated emissions below 1 GHz	Refer to data	AC 120V	Jay Kao
Radiated emissions above 1 GHz	Refer to data	AC 120V	Jay Kao
Output Power	23.5 °C, 51 %	AC 120V	Tim Lian

1.4 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

Test Software	CMD					
Mode	2412 MHz	2437 MHz	2462 MHz	2467 MHz	2472 MHz	Data Rate
IEEE 802.11b	102/85	102/82	101/85	85/67	65/46	1 Mbps
IEEE 802.11g	76/67	84/73	79/68	53/44	44/31	6 Mbps
IEEE 802.11n (HT20)	75/65	88/78	75/66	60/48	48/34	MCS 0
IEEE 802.11ac (VHT20)	75/65	88/78	75/66	60/48	48/34	MCS 0
Modulation Mode	2422 MHz	2437 MHz	2452 MHz	2457 MHz	2462 MHz	Data Rate
IEEE 802.11n (HT40)	60/49	83/73	55/43	56/45	45/32	MCS 0
IEEE 802.11ac (VHT40)	60/49	83/73	55/43	56/45	45/32	MCS 0

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	802.11a/b/g/n/ac RTL8822CE Combo module
Model Name	RTL8822CE
Brand Name	Realtek
Model Difference	N/A
Power Supply Rating	DC 3.3V from host equipment
Host device information	
Equipment	Notebook Computer
Model Name	81MC, Lenovo 500e Chromebook 2nd Genxxxxxx, Lenovo 300e Chromebook 2nd Genxxxxxx, 81MCxxxxxx, 81MBxxxxxx(The"x" in the model name can be 0 to 9, A to Z, a to z, "-" or blank)
Brand Name	Lenovo
Model Difference	N/A
Power Source	#1 DC voltage supplied from AC/DC adapter. 1) Manufacturer / Model: Liteon / ADLX45YLC2D 2) Manufacturer / Model: Liteon /ADLX45YLC3D 3) Manufacturer / Model: Delta / ADLX45YDC2D 4) Manufacturer / Model: Delta /ADLX45YDC3D 5) Manufacturer / Model: Chicony / ADLX45YCC2D 6) Manufacturer / Model: Chicony / ADLX45YCC3D 7) Manufacturer / Model: Acbel / ADLX45YAC3D 8) Manufacturer / Model: Acbel / ADLX45YAC2D #2 Rechargeable Li-ion Battery supplied. 1) Manufacturer / Model: Simplo / L17M3PB0 2) Manufacturer / Model: LGC / L17L3PB0 3) Manufacturer / Model: Sunwoda / L18D3PG1
Power Rating	#1 For adapter: I/P: 100-240V~1.2A/1.3A 50-60Hz O/P: 20V---2.25A/15V---3A/9V---2A/5V---2A #2 For battery: 1) 11.25V---3.735Ah / 42Wh 2) 11.4V--- TYP 3685mAh / 42Wh MIN 3575mAh / 41Wh 3) 11.25V--- TYP 3735mAh / 42Wh MIN 3635mAh / 41Wh
Products Covered	Please refer to Power Source.
WIFI+BT Module	Realtek / RTL8822CE
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2472 MHz
Maximum Output Power	IEEE 802.11b: 22.26 dBm (0.1683 W) IEEE 802.11g: 27.95 dBm (0.6238 W) IEEE 802.11n (HT20): 27.77 dBm (0.5981 W) IEEE 802.11n (HT40): 27.14 dBm (0.5177 W) IEEE 802.11ac (VHT20): 28.12 dBm (0.6493 W) IEEE 802.11ac (VHT 40): 27.47 dBm (0.5586 W)
Test Model	Lenovo 500e Chromebook 2nd Gen
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	South Star	N12-4457-R0A	PIFA	I-PEX	2400-2500	-0.69
					5150-5350	-0.44
					5450-5650	0.31
					5750-5850	-0.01
Aux	South Star	N12-4456-R0A	PIFA	I-PEX	2400-2500	-1.01
					5150-5350	-0.46
					5450-5650	0.24
					5750-5850	1.45

Antenna	Manufacture	Part Number	Type	Connector	Frequency Range (MHz)	Gain (dBi)
Main	INPAQ	WA-F-LB-02-166	PIFA	I-PEX	2400-2500	0.92
					5150-5350	0.14
					5470-5725	0.91
					5785-5850	1.03
Aux	INPAQ	WA-F-LB-01-065	PIFA	I-PEX	2400-2500	0.17
					5150-5350	-0.03
					5470-5725	-0.7
					5785-5850	0.29

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 802.11ac (VHT40)	03/09/10/11	
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/06/11/12/13	Harmonic
	IEEE 802.11g		
	IEEE 802.11ac (VHT20)		
	IEEE 802.11ac (VHT40)	03/06/09/10/11	
Output Power	IEEE 802.11b	01/06/11/12/13	-
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ac (VHT20)		
	IEEE 802.11n (HT40)	03/06/09/10/11	
	IEEE 802.11ac (VHT40)		

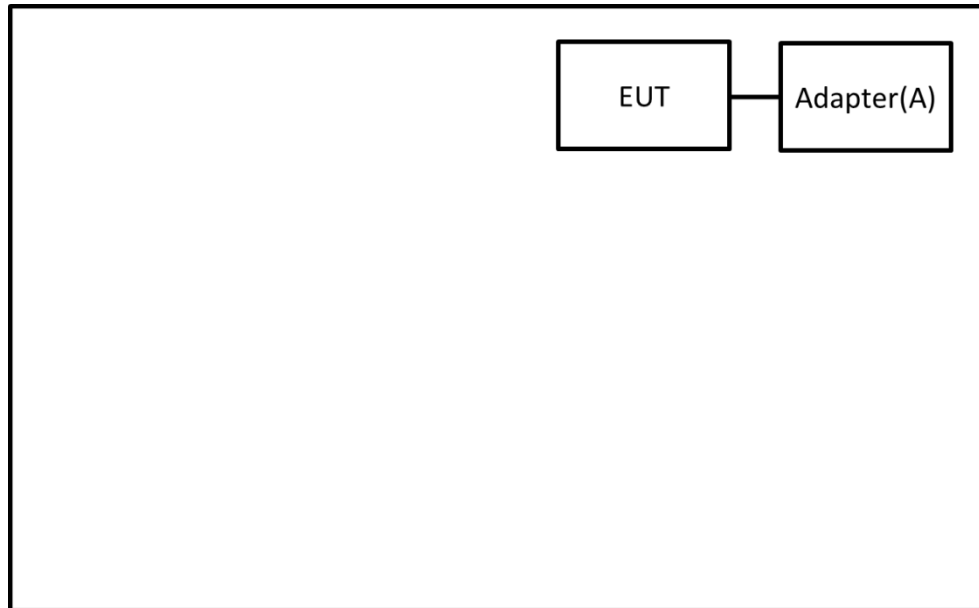
NOTE:

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

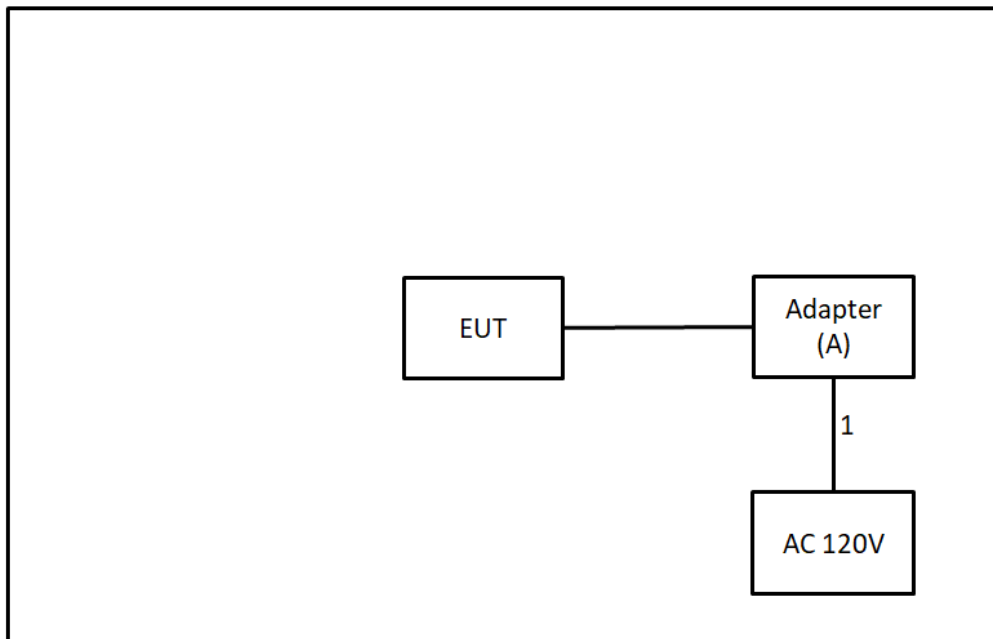
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC Power Line Conducted Emissions Test



Radiated Emissions Test



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	Lenovo	ADLX45YDC3D	N/A	Supplied by test requester.

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

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

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

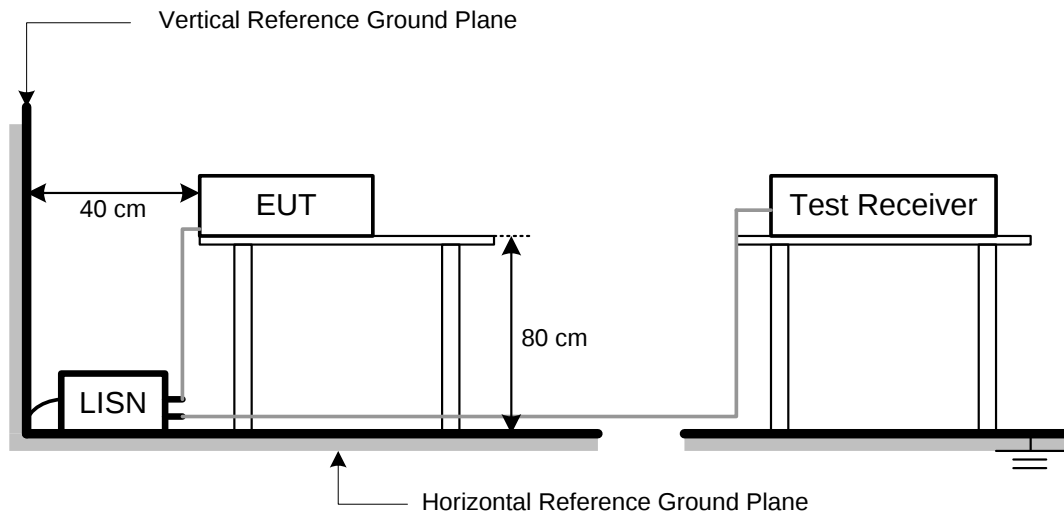
NOTE:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

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

NOTE:

- (1) The limit for radiated test was performed according to FCC Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level		Correct Factor		Measurement Value
19.11	+	2.11	=	21.22

Measurement Value		Limit Value		Margin Level
21.22	-	54	=	-32.78

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

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

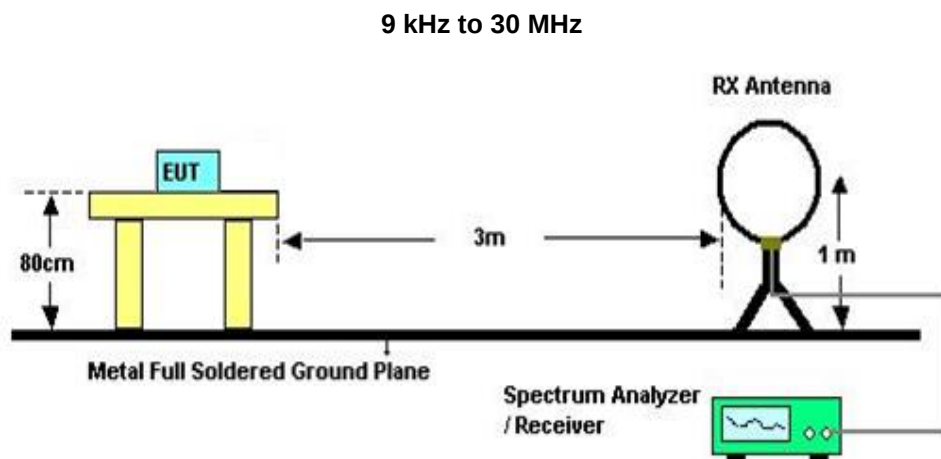
4.2 TEST PROCEDURE

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

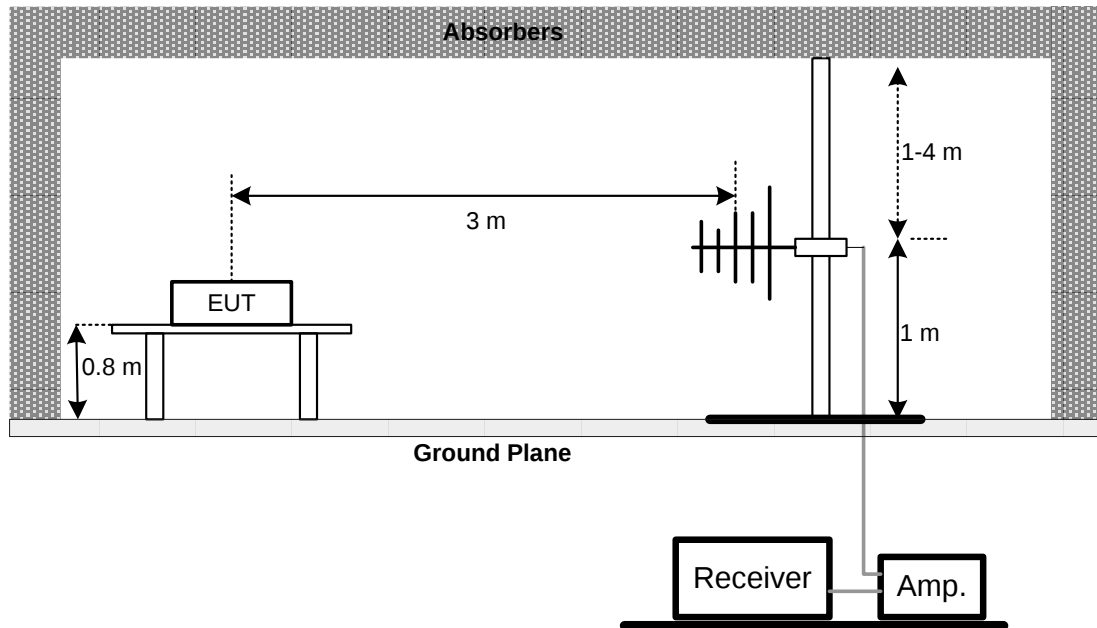
4.3 DEVIATION FROM TEST STANDARD

No deviation.

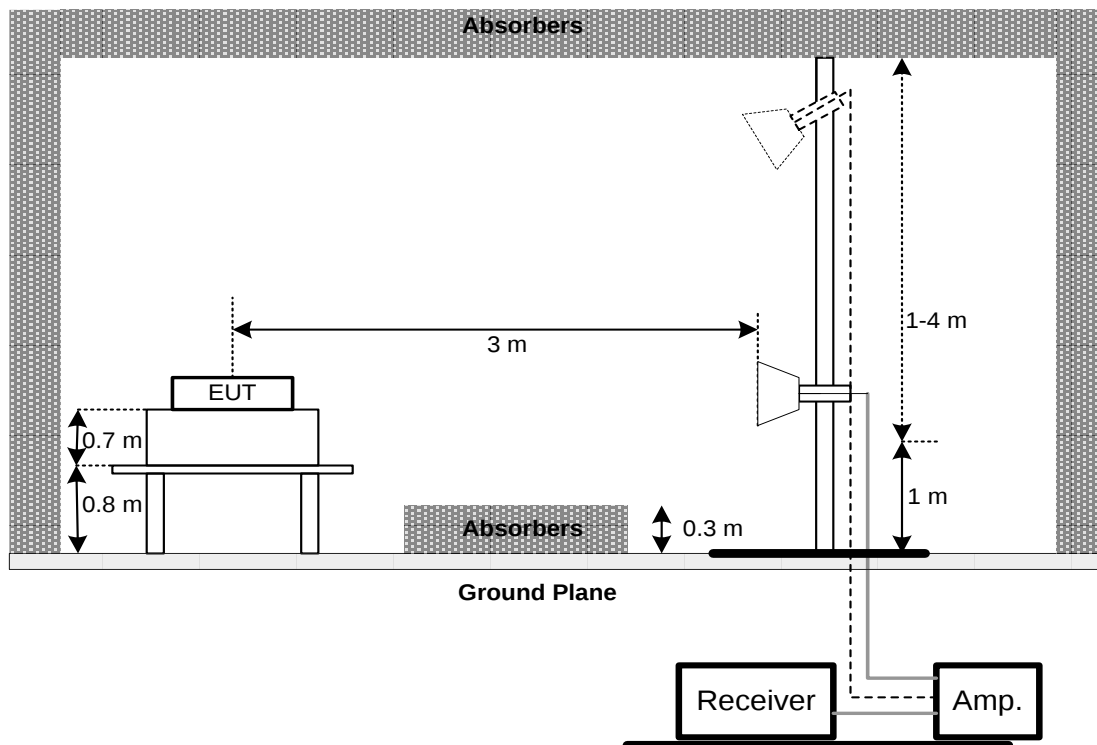
4.4 TEST SETUP



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

NOTE:

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

4.6 TEST RESULT – BELOW 30 MHZ

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

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 OUTPUT POWER TEST

5.1 LIMIT

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

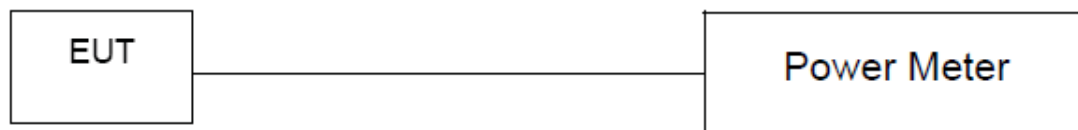
5.2 TEST PROCEDURE

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101339	2021/3/10	2022/3/9
2	Test Cable	EMCI	EMCCFD300-BM-BMR-6000	170714	2021/6/7	2022/6/6
3	EMI Test Receiver	R&S	ESR 7	101433	2020/12/11	2021/12/10
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

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

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

7 EUT TEST PHOTO

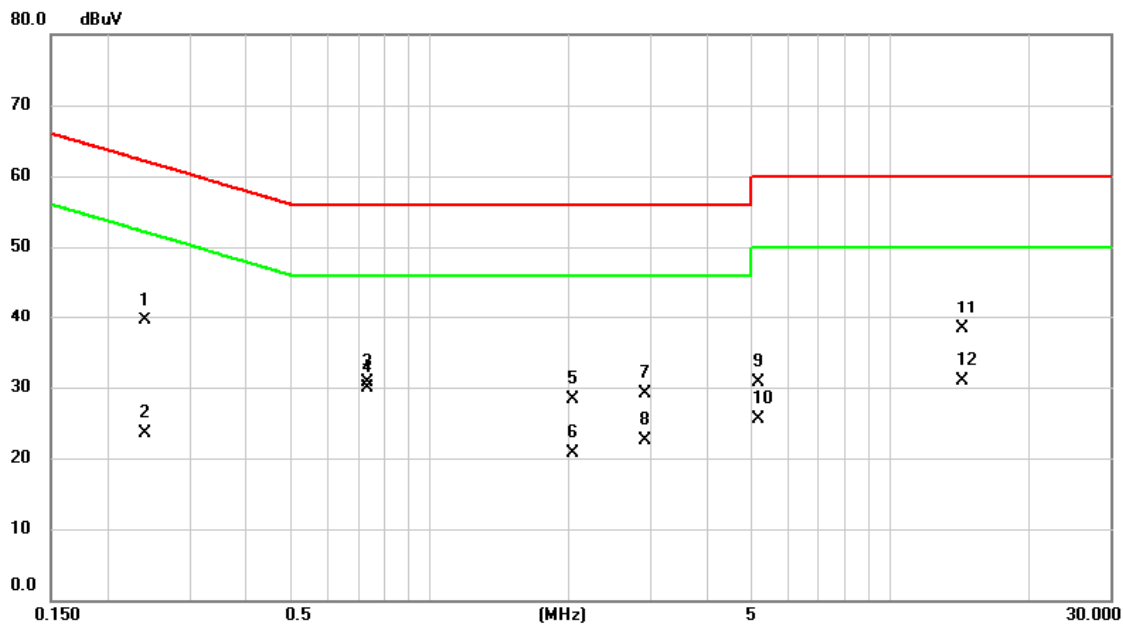
Please refer to document Appendix No.: TP-2109T062-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2109T062-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2021/11/5
Test Frequency	-	Phase	Line



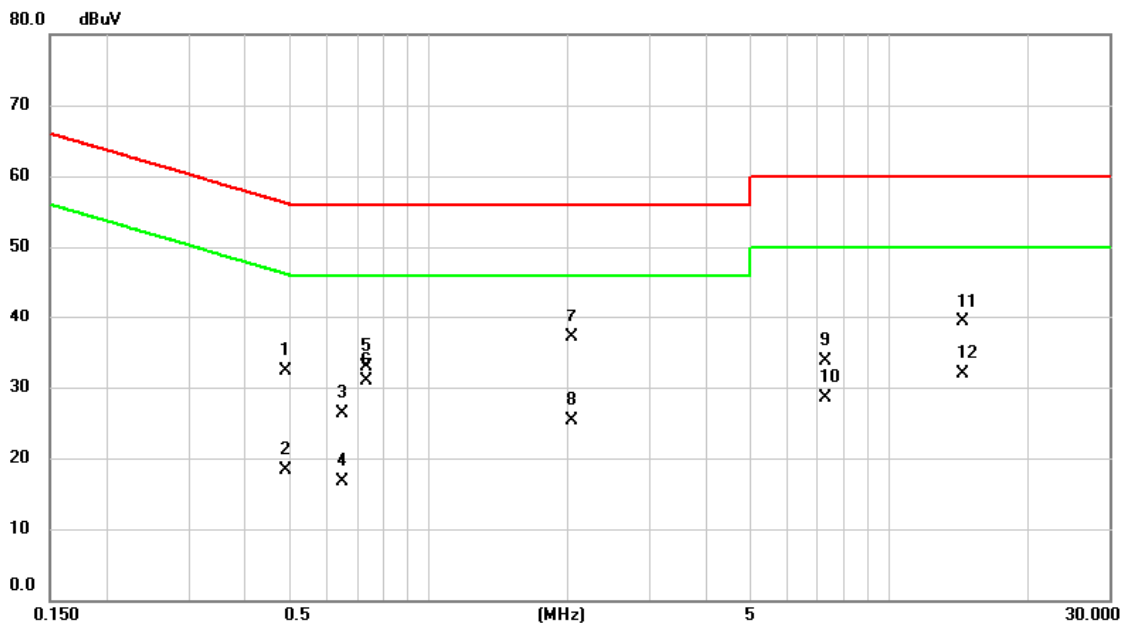
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2400	29.78	9.72	39.50	62.10	-22.60	QP	
2		0.2400	13.74	9.72	23.46	52.10	-28.64	AVG	
3		0.7350	21.03	9.73	30.76	56.00	-25.24	QP	
4	*	0.7350	20.09	9.73	29.82	46.00	-16.18	AVG	
5		2.0400	18.54	9.77	28.31	56.00	-27.69	QP	
6		2.0400	10.91	9.77	20.68	46.00	-25.32	AVG	
7		2.9265	19.40	9.80	29.20	56.00	-26.80	QP	
8		2.9265	12.79	9.80	22.59	46.00	-23.41	AVG	
9		5.1720	20.70	9.98	30.68	60.00	-29.32	QP	
10		5.1720	15.53	9.98	25.51	50.00	-24.49	AVG	
11		14.3183	28.05	10.17	38.22	60.00	-21.78	QP	
12		14.3183	20.72	10.17	30.89	50.00	-19.11	AVG	

REMARKS:

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

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

Test Mode	Normal	Tested Date	2021/11/5
Test Frequency	-	Phase	Neutral



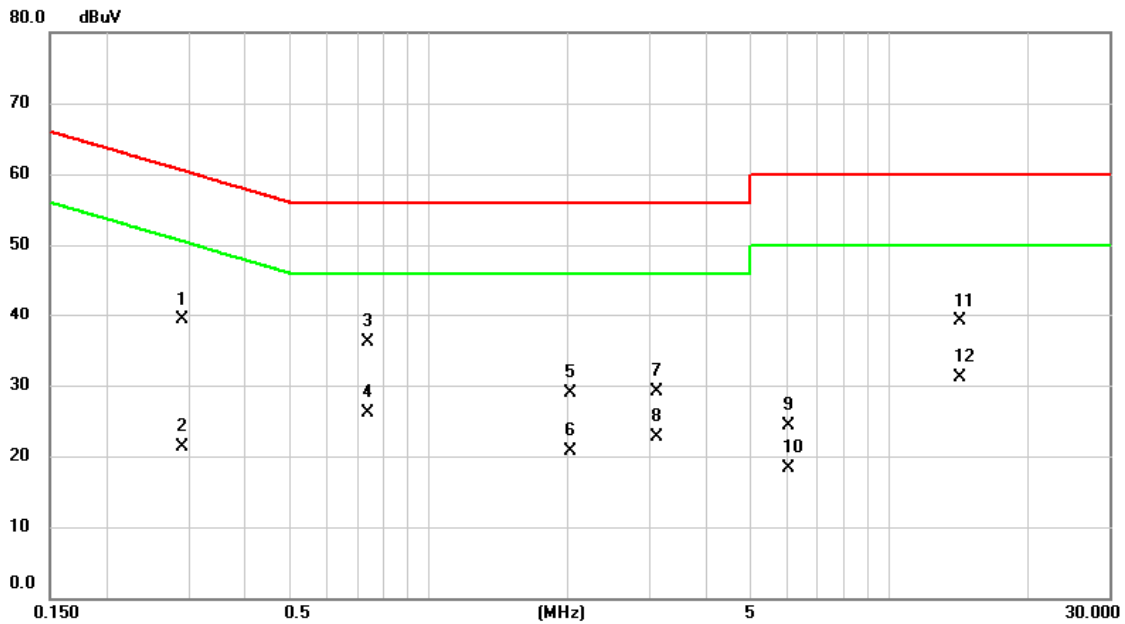
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.4897	22.64	9.74	32.38	56.17	-23.79	QP	
2		0.4897	8.54	9.74	18.28	46.17	-27.89	AVG	
3		0.6495	16.56	9.74	26.30	56.00	-29.70	QP	
4		0.6495	6.93	9.74	16.67	46.00	-29.33	AVG	
5		0.7350	23.07	9.74	32.81	56.00	-23.19	QP	
6	*	0.7350	21.09	9.74	30.83	46.00	-15.17	AVG	
7		2.0400	27.39	9.78	37.17	56.00	-18.83	QP	
8		2.0400	15.60	9.78	25.38	46.00	-20.62	AVG	
9		7.2915	23.56	10.07	33.63	60.00	-26.37	QP	
10		7.2915	18.42	10.07	28.49	50.00	-21.51	AVG	
11		14.4555	29.16	10.24	39.40	60.00	-20.60	QP	
12		14.4555	21.63	10.24	31.87	50.00	-18.13	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2021/11/5
Test Frequency	-	Phase	Line



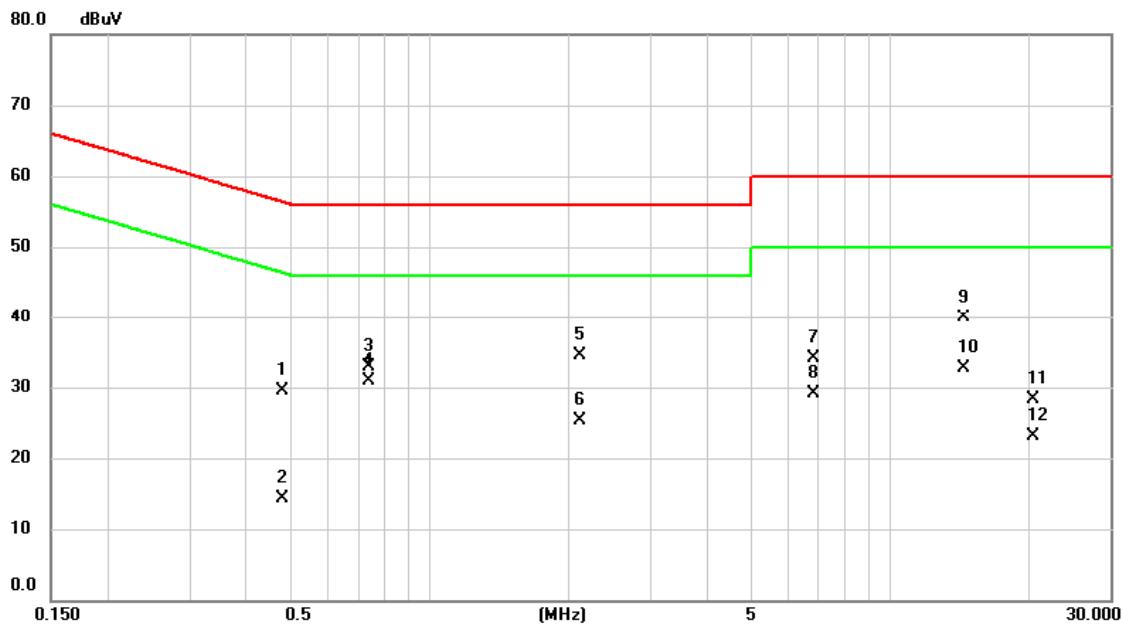
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2895	29.63	9.73	39.36	60.54	-21.18	QP	
2		0.2895	11.49	9.73	21.22	50.54	-29.32	AVG	
3		0.7395	26.43	9.73	36.16	56.00	-19.84	QP	
4		0.7395	16.33	9.73	26.06	46.00	-19.94	AVG	
5		2.0264	19.08	9.77	28.85	56.00	-27.15	QP	
6		2.0264	10.98	9.77	20.75	46.00	-25.25	AVG	
7		3.1268	19.31	9.82	29.13	56.00	-26.87	QP	
8		3.1268	12.79	9.82	22.61	46.00	-23.39	AVG	
9		6.0428	14.27	10.01	24.28	60.00	-35.72	QP	
10		6.0428	8.36	10.01	18.37	50.00	-31.63	AVG	
11		14.2350	28.98	10.17	39.15	60.00	-20.85	QP	
12	*	14.2350	20.93	10.17	31.10	50.00	-18.90	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2021/11/5
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.4807	19.81	9.74	29.55	56.33	-26.78	QP	
2		0.4807	4.50	9.74	14.24	46.33	-32.09	AVG	
3		0.7372	23.09	9.74	32.83	56.00	-23.17	QP	
4	*	0.7372	21.23	9.74	30.97	46.00	-15.03	AVG	
5		2.1098	24.73	9.78	34.51	56.00	-21.49	QP	
6		2.1098	15.46	9.78	25.24	46.00	-20.76	AVG	
7		6.8438	24.14	10.05	34.19	60.00	-25.81	QP	
8		6.8438	18.97	10.05	29.02	50.00	-20.98	AVG	
9		14.3993	29.65	10.24	39.89	60.00	-20.11	QP	
10		14.3993	22.38	10.24	32.62	50.00	-17.38	AVG	
11		20.3550	17.85	10.36	28.21	60.00	-31.79	QP	
12		20.3550	12.72	10.36	23.08	50.00	-26.92	AVG	

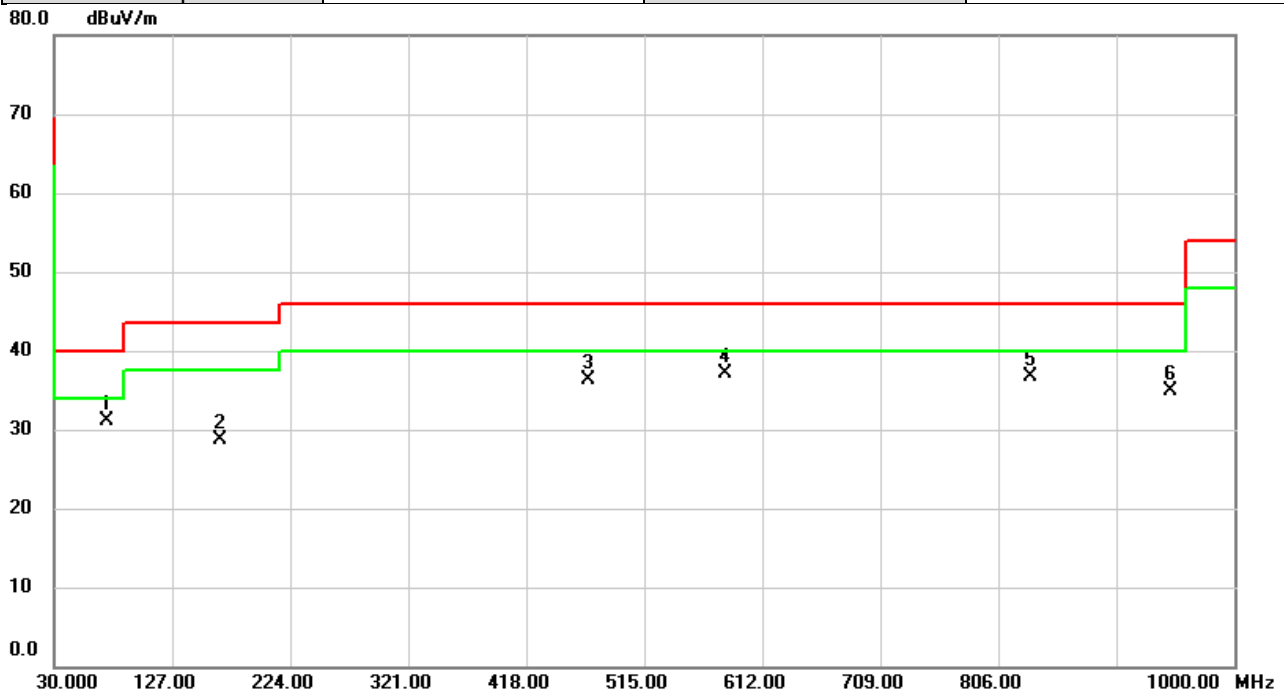
REMARKS:

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

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE802.11b	Test Date	2021/11/4
Test Frequency	2437MHz	Polarization	Vertical
Temp	23°C	Hum.	67%

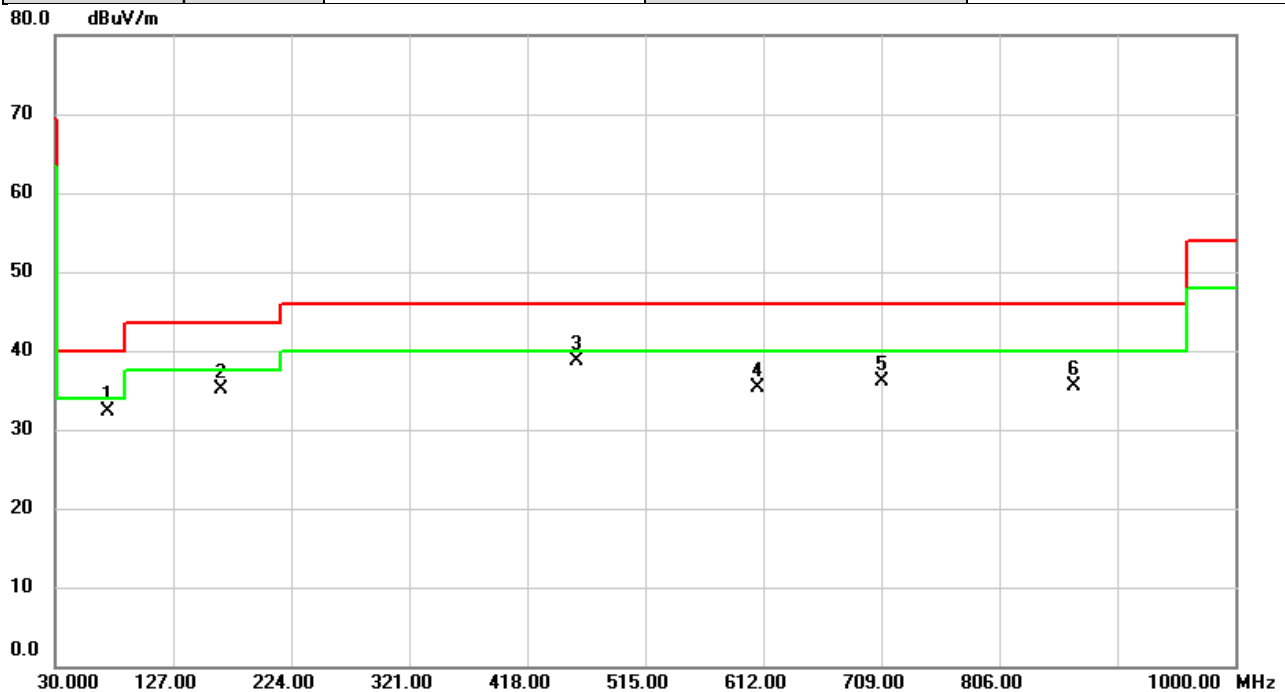


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		73.4237	42.72	-11.71	31.01	40.00	-8.99	peak	
2		167.0932	37.99	-9.28	28.71	43.50	-14.79	peak	
3		469.6687	40.44	-4.10	36.34	46.00	-9.66	peak	
4	*	582.2533	38.73	-1.62	37.11	46.00	-8.89	peak	
5		832.6750	34.22	2.46	36.68	46.00	-9.32	peak	
6		947.0057	30.59	4.24	34.83	46.00	-11.17	peak	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/4
Test Frequency	2437MHz	Polarization	Horizontal
Temp	23°C	Hum.	67%



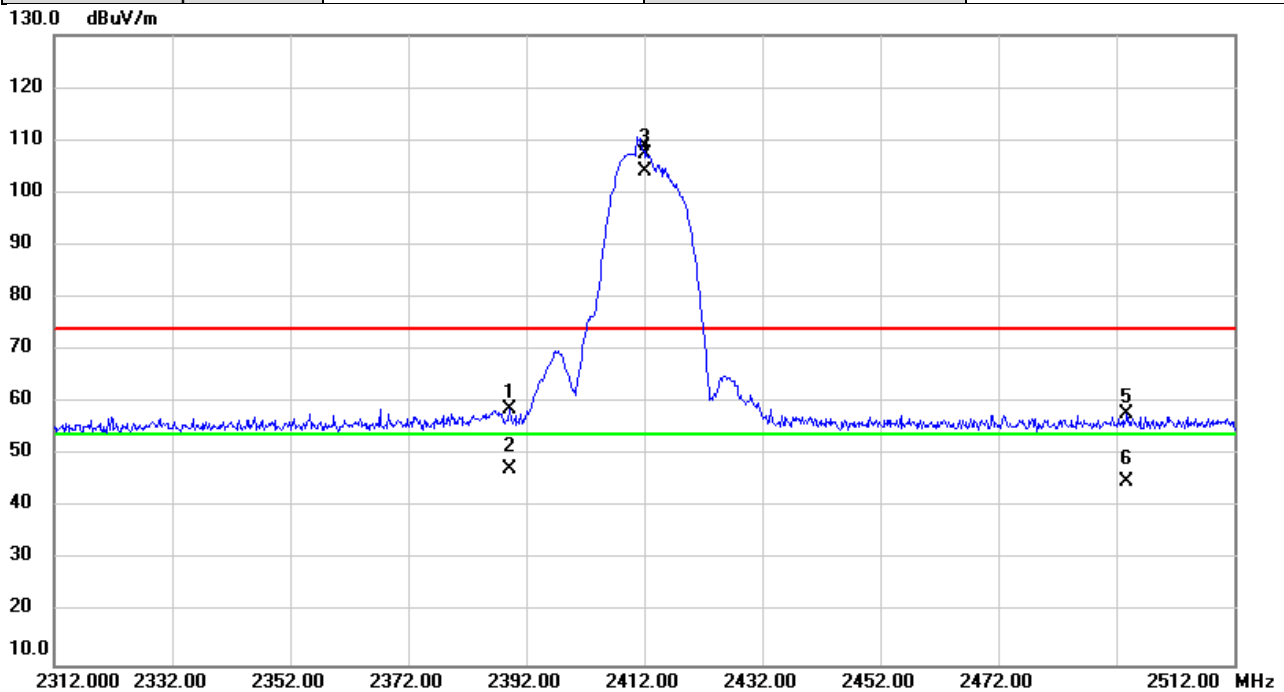
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		73.7793	44.17	-11.81	32.36	40.00	-7.64	peak	
2		166.6730	44.42	-9.26	35.16	43.50	-8.34	peak	
3	*	458.6753	42.93	-4.25	38.68	46.00	-7.32	peak	
4		607.8613	36.17	-0.94	35.23	46.00	-10.77	peak	
5		710.0993	35.70	0.36	36.06	46.00	-9.94	peak	
6		867.4656	32.57	2.97	35.54	46.00	-10.46	peak	

REMARKS:

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%



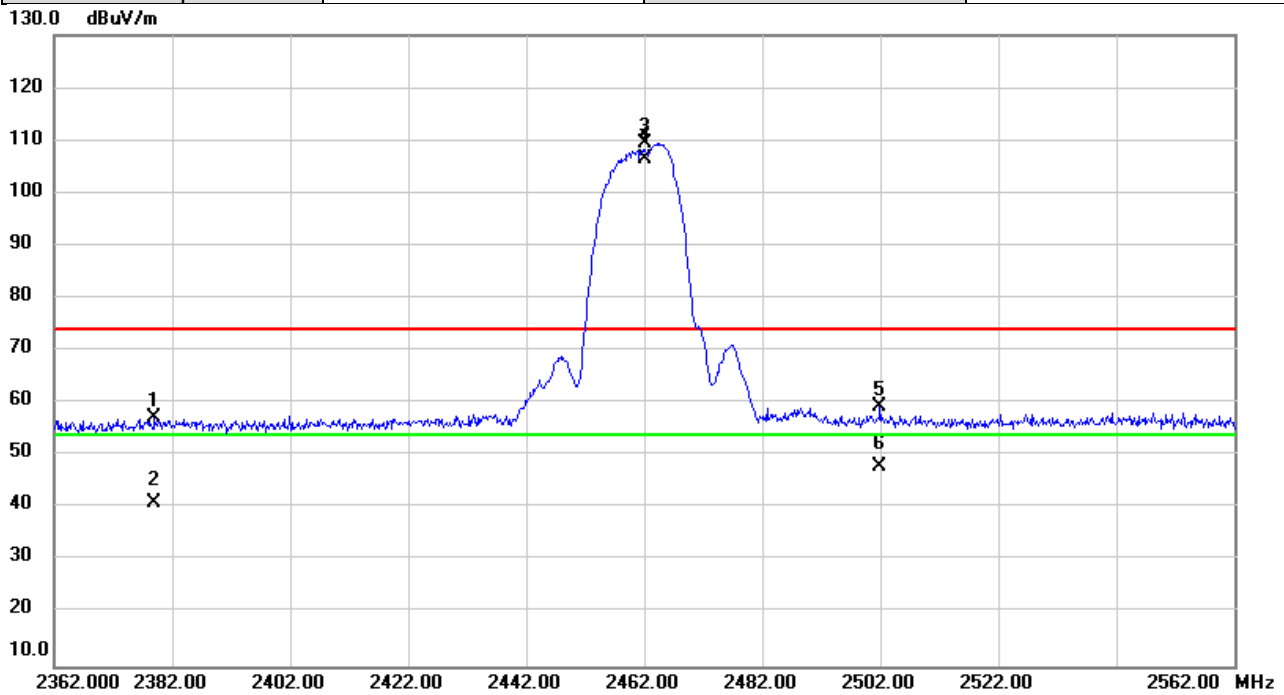
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.287	27.44	31.21	58.65	74.00	-15.35	peak	
2		2389.287	16.28	31.21	47.49	54.00	-6.51	AVG	
3	X	2412.000	76.06	31.28	107.34	74.00	33.34	peak	NoLimit
4	*	2412.000	72.67	31.28	103.95	54.00	49.95	AVG	NoLimit
5		2493.813	26.20	31.55	57.75	74.00	-16.25	peak	
6		2493.813	13.36	31.55	44.91	54.00	-9.09	AVG	

REMARKS:

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

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

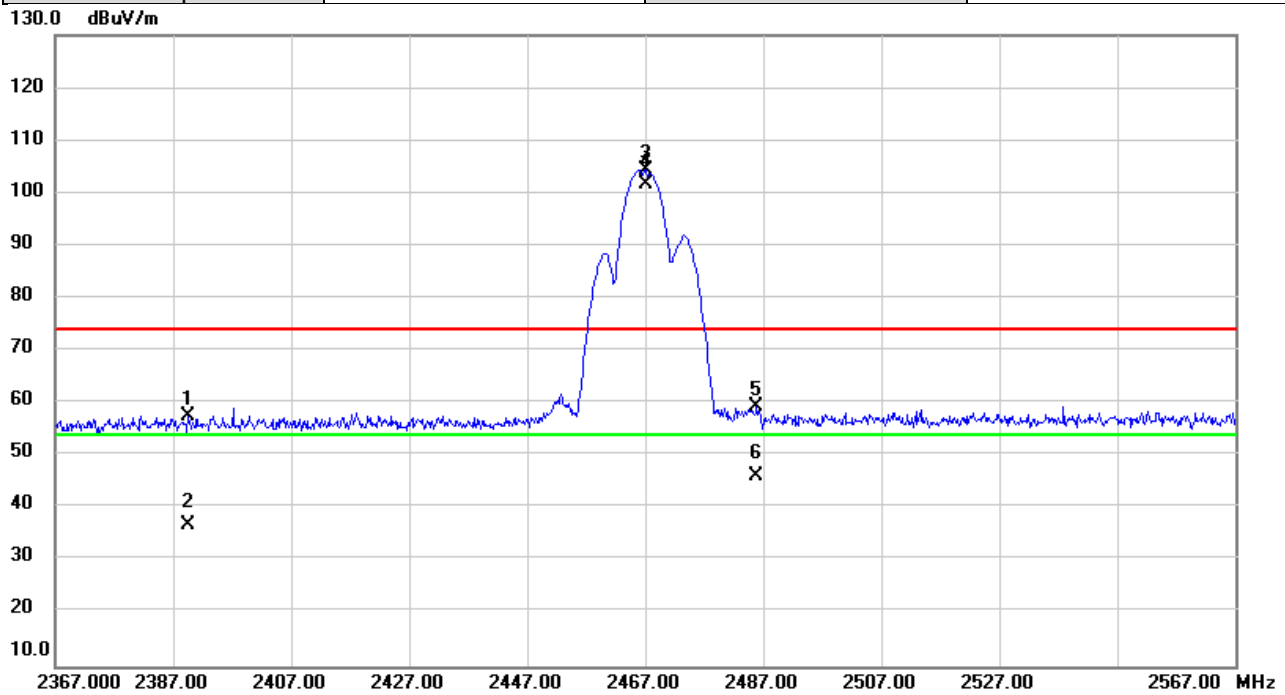


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2379.053	26.21	31.18	57.39	74.00	-16.61	peak	
2		2379.053	9.86	31.18	41.04	54.00	-12.96	AVG	
3	X	2462.000	77.90	31.44	109.34	74.00	35.34	peak	NoLimit
4	*	2462.000	75.00	31.44	106.44	54.00	52.44	AVG	NoLimit
5		2501.860	27.84	31.57	59.41	74.00	-14.59	peak	
6		2501.860	16.24	31.57	47.81	54.00	-6.19	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

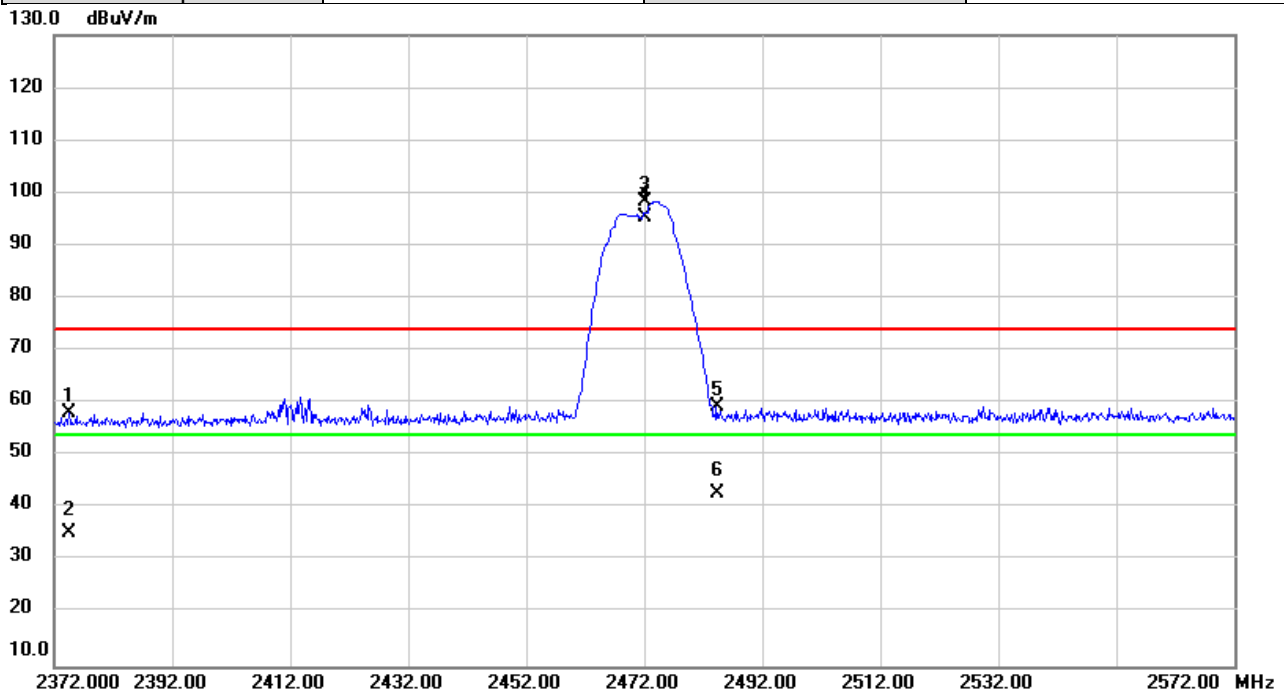


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2389.527	26.32	31.21	57.53	74.00	-16.47	peak	
2		2389.527	5.70	31.21	36.91	54.00	-17.09	AVG	
3	X	2467.000	72.96	31.46	104.42	74.00	30.42	peak	NoLimit
4	*	2467.000	70.06	31.46	101.52	54.00	47.52	AVG	NoLimit
5		2485.867	27.74	31.52	59.26	74.00	-14.74	peak	
6		2485.867	14.68	31.52	46.20	54.00	-7.80	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

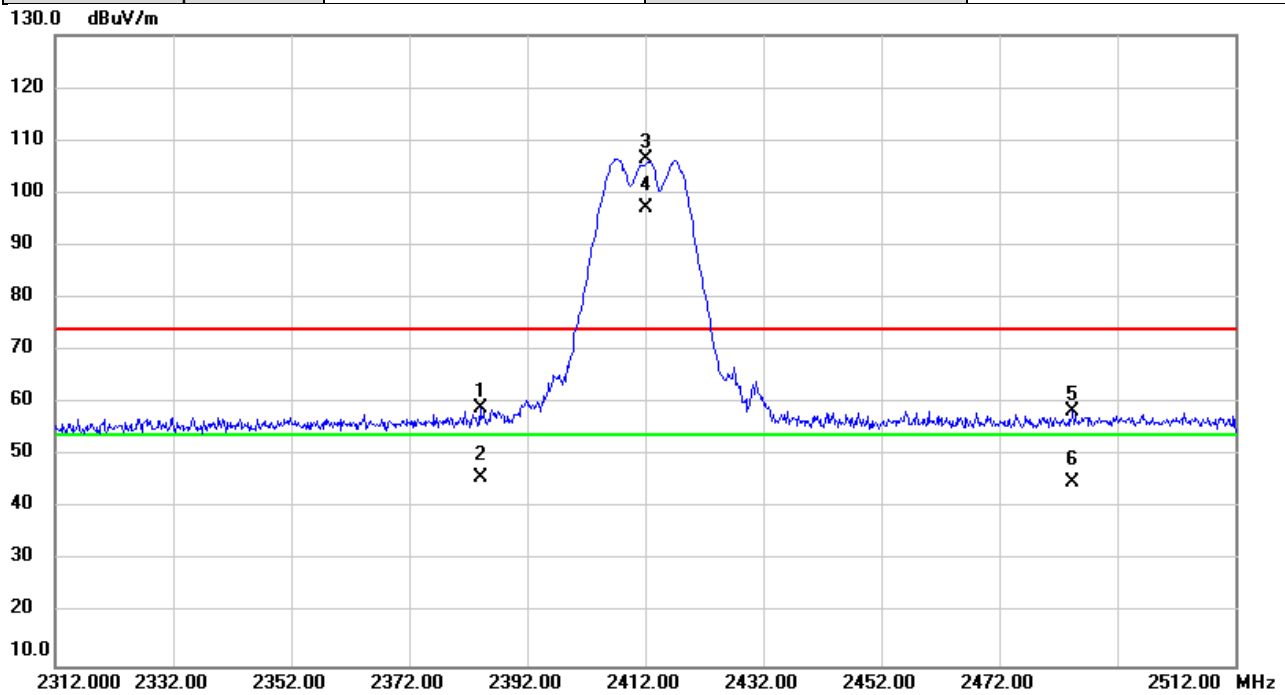


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2374.433	26.99	31.16	58.15	74.00	-15.85	peak	
2		2374.433	4.34	31.16	35.50	54.00	-18.50	AVG	
3	X	2472.000	66.88	31.48	98.36	74.00	24.36	peak	NoLimit
4	*	2472.000	63.74	31.48	95.22	54.00	41.22	AVG	NoLimit
5		2484.267	27.94	31.52	59.46	74.00	-14.54	peak	
6		2484.267	11.47	31.52	42.99	54.00	-11.01	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

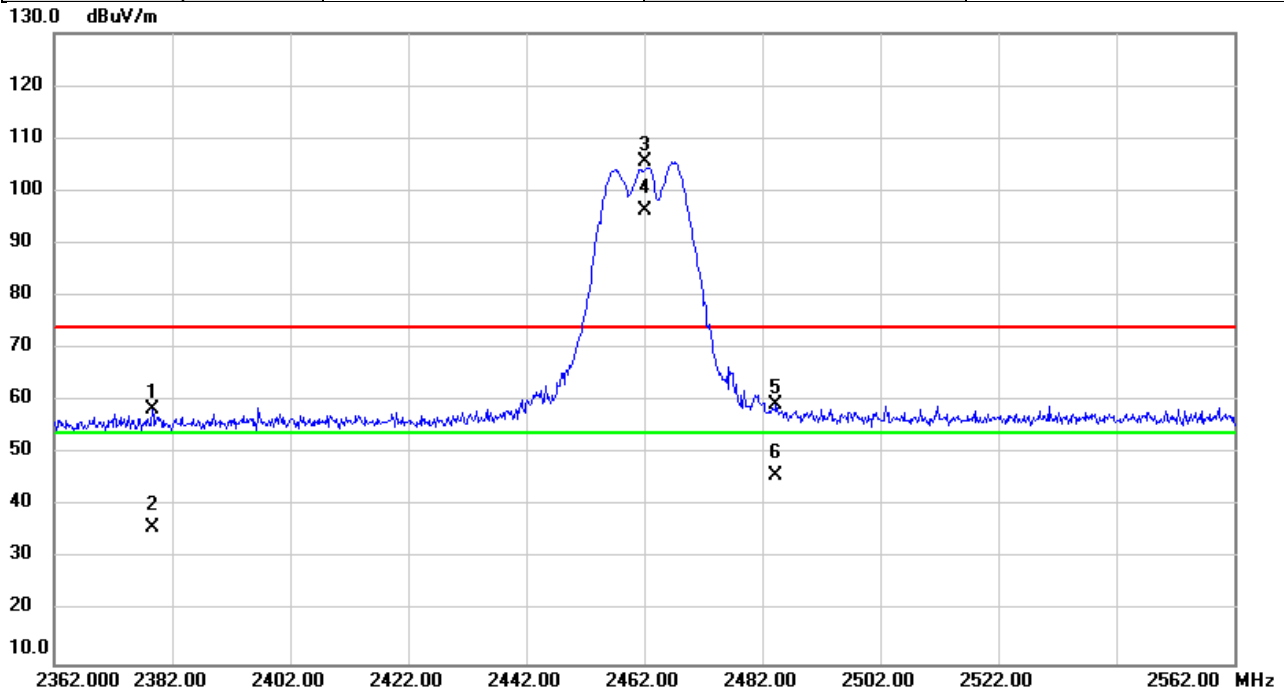


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2384.080	27.90	31.19	59.09	74.00	-14.91	peak	
2		2384.080	14.64	31.19	45.83	54.00	-8.17	AVG	
3	X	2412.000	75.21	31.28	106.49	74.00	32.49	peak	NoLimit
4	*	2412.000	65.81	31.28	97.09	54.00	43.09	AVG	NoLimit
5		2484.473	26.91	31.52	58.43	74.00	-15.57	peak	
6		2484.473	13.34	31.52	44.86	54.00	-9.14	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

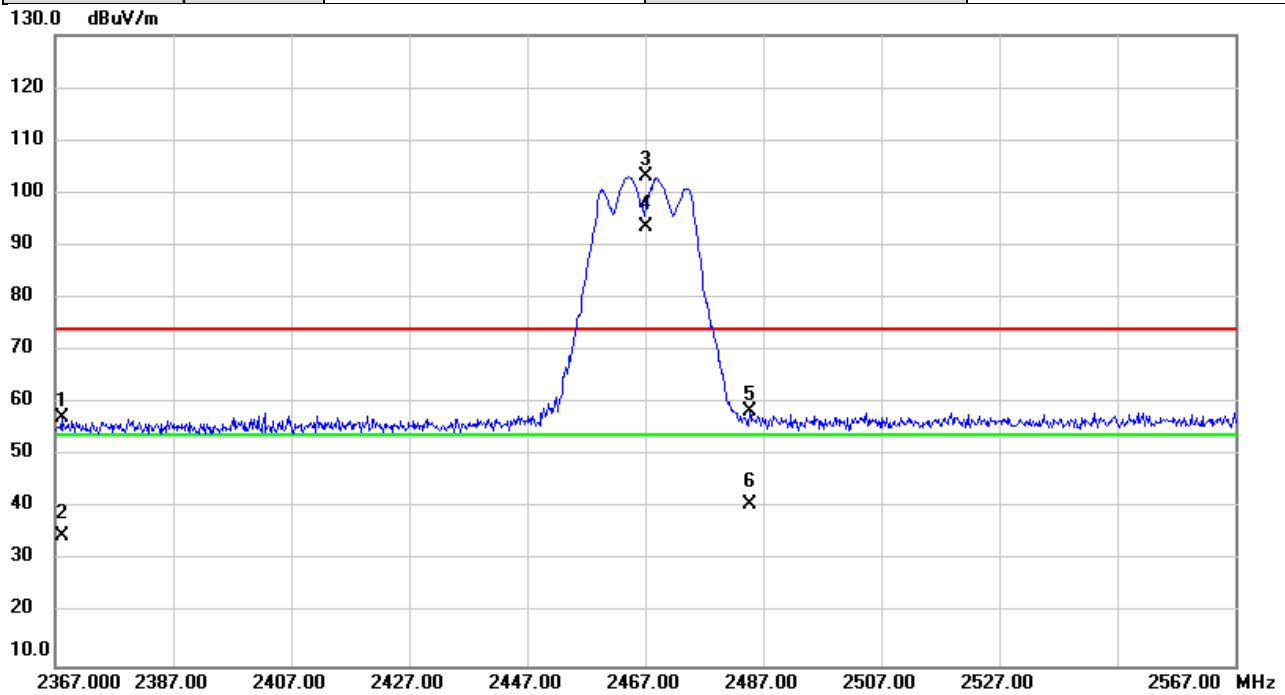


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2378.780	27.29	31.17	58.46	74.00	-15.54	peak	
2		2378.780	4.90	31.17	36.07	54.00	-17.93	AVG	
3	X	2462.000	74.15	31.44	105.59	74.00	31.59	peak	NoLimit
4	*	2462.000	64.83	31.44	96.27	54.00	42.27	AVG	NoLimit
5		2484.213	27.93	31.52	59.45	74.00	-14.55	peak	
6		2484.213	14.27	31.52	45.79	54.00	-8.21	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

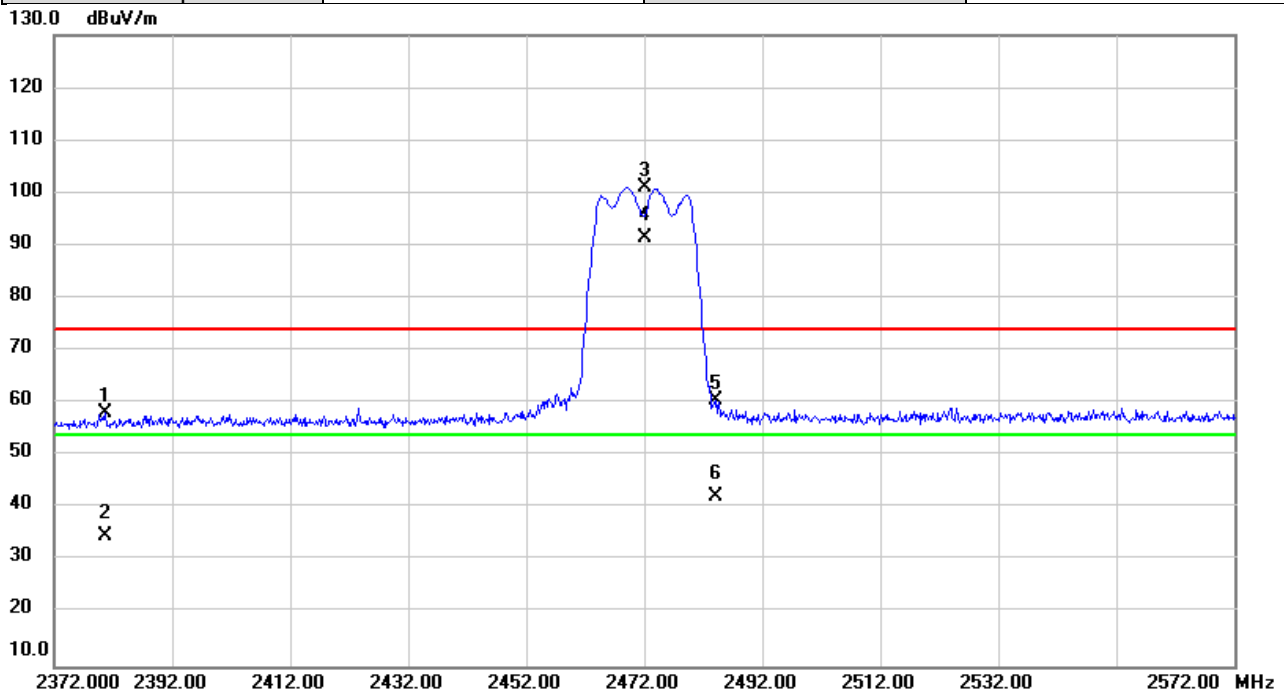


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2368.107	26.06	31.14	57.20	74.00	-16.80	peak	
2		2368.107	3.47	31.14	34.61	54.00	-19.39	AVG	
3	X	2467.000	71.76	31.46	103.22	74.00	29.22	peak	NoLimit
4	*	2467.000	62.07	31.46	93.53	54.00	39.53	AVG	NoLimit
5		2484.747	26.89	31.52	58.41	74.00	-15.59	peak	
6		2484.747	9.28	31.52	40.80	54.00	-13.20	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

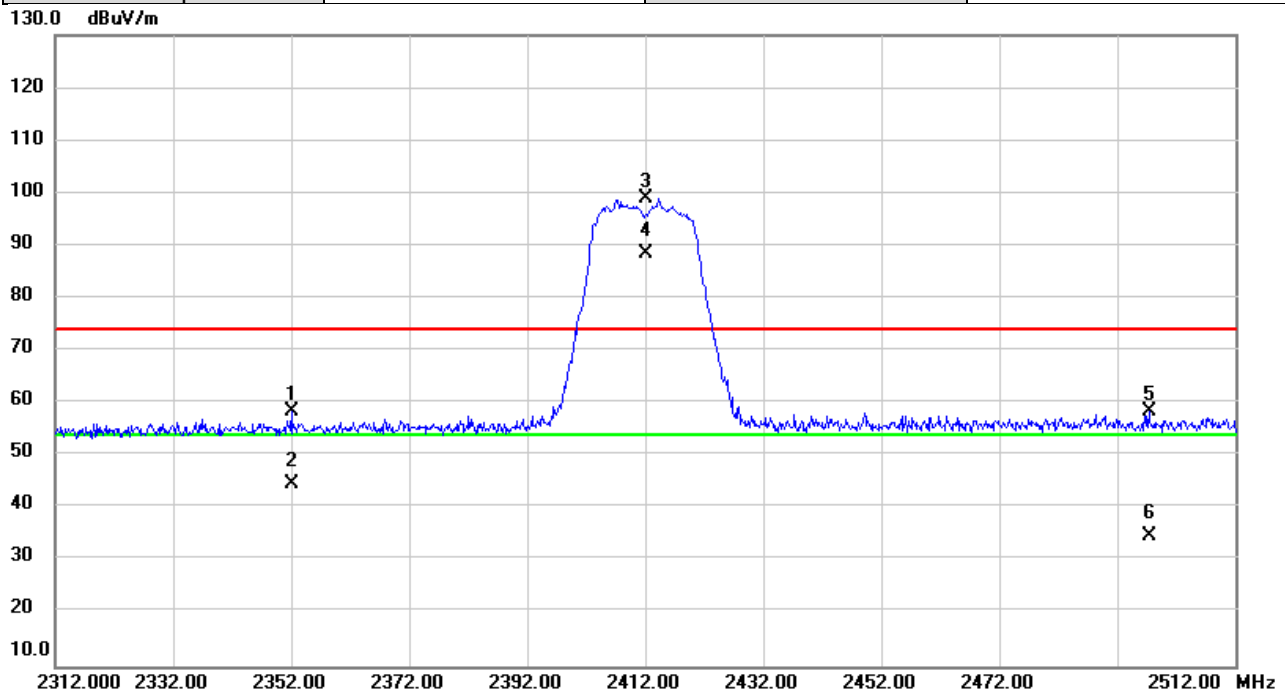


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2380.747	27.08	31.18	58.26	74.00	-15.74	peak	
2		2380.747	3.42	31.18	34.60	54.00	-19.40	AVG	
3	X	2472.000	69.48	31.48	100.96	74.00	26.96	peak	NoLimit
4	*	2472.000	59.85	31.48	91.33	54.00	37.33	AVG	NoLimit
5		2484.053	29.03	31.52	60.55	74.00	-13.45	peak	
6		2484.053	10.78	31.52	42.30	54.00	-11.70	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

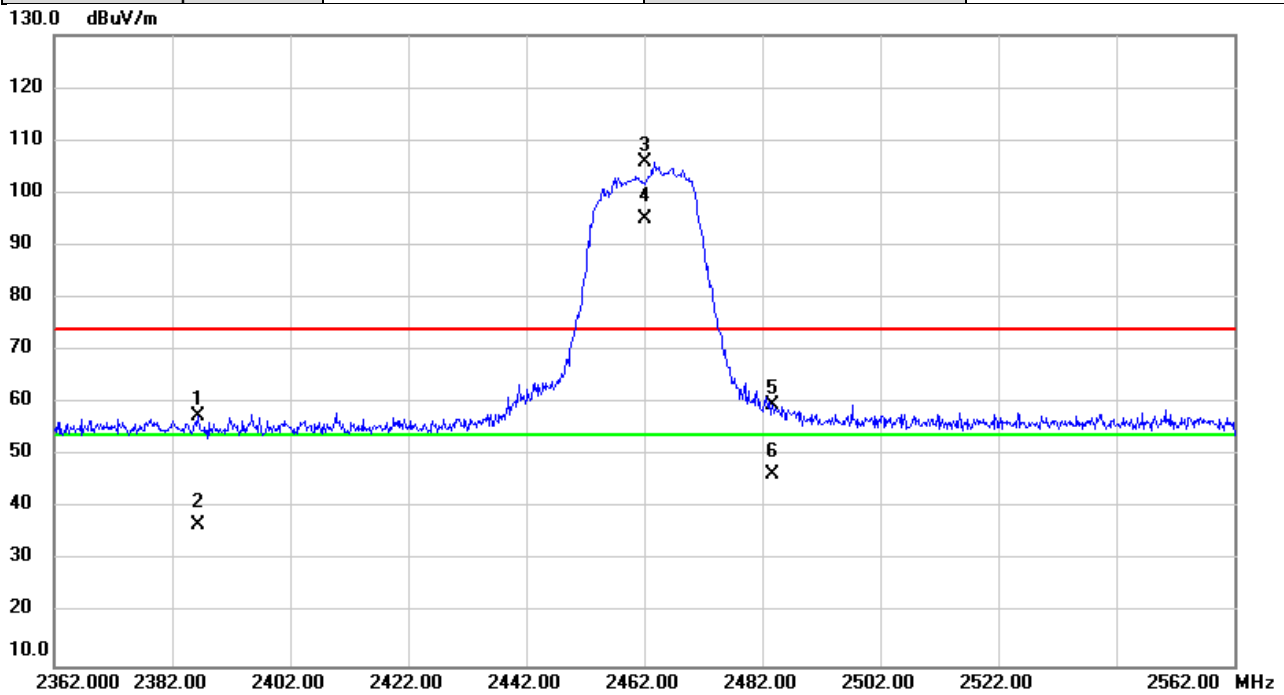


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2352.087	27.34	31.09	58.43	74.00	-15.57	peak	
2		2352.087	13.44	31.09	44.53	54.00	-9.47	AVG	
3	X	2412.000	67.63	31.28	98.91	74.00	24.91	peak	NoLimit
4	*	2412.000	57.28	31.28	88.56	54.00	34.56	AVG	NoLimit
5		2497.500	26.78	31.56	58.34	74.00	-15.66	peak	
6		2497.500	3.29	31.56	34.85	54.00	-19.15	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

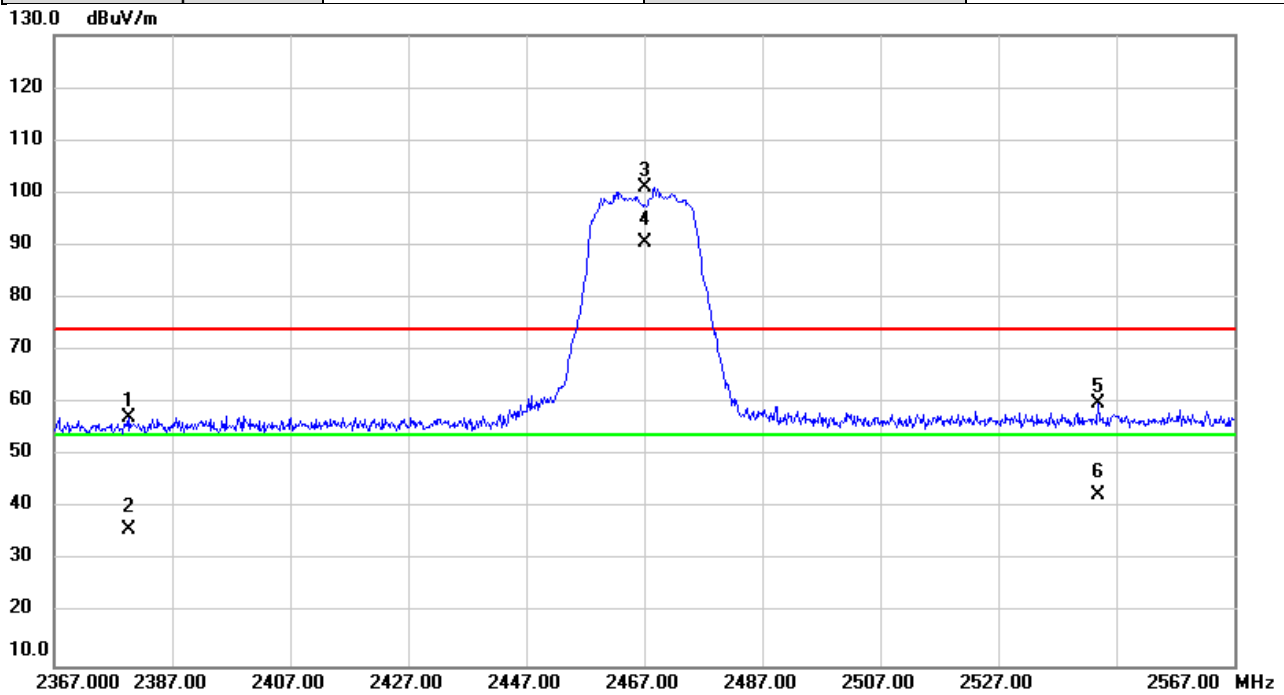


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2386.413	26.21	31.20	57.41	74.00	-16.59	peak	
2		2386.413	5.74	31.20	36.94	54.00	-17.06	AVG	
3	X	2462.000	74.29	31.44	105.73	74.00	31.73	peak	NoLimit
4	*	2462.000	63.46	31.44	94.90	54.00	40.90	AVG	NoLimit
5		2483.813	28.28	31.52	59.80	74.00	-14.20	peak	
6		2483.813	15.03	31.52	46.55	54.00	-7.45	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

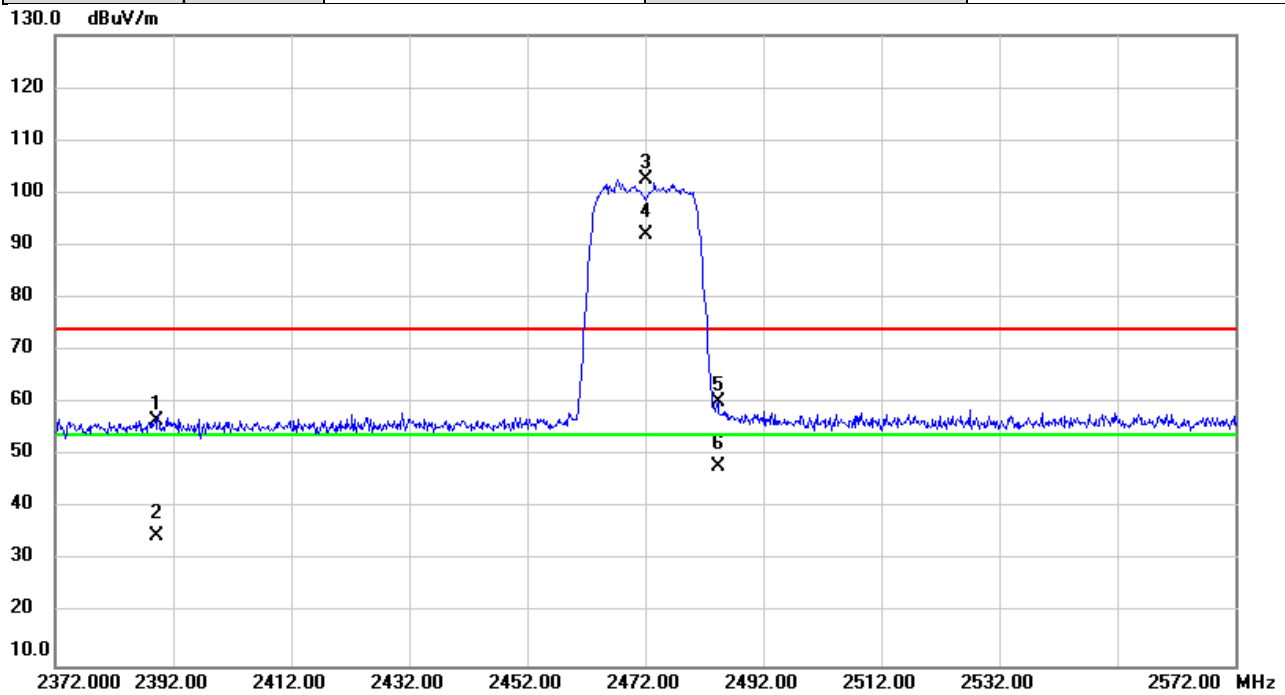


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2379.740	26.20	31.18	57.38	74.00	-16.62	peak	
2		2379.740	4.81	31.18	35.99	54.00	-18.01	AVG	
3	X	2467.000	69.57	31.46	101.03	74.00	27.03	peak	NoLimit
4	*	2467.000	59.01	31.46	90.47	54.00	36.47	AVG	NoLimit
5		2543.960	28.26	31.70	59.96	74.00	-14.04	peak	
6		2543.960	10.76	31.70	42.46	54.00	-11.54	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

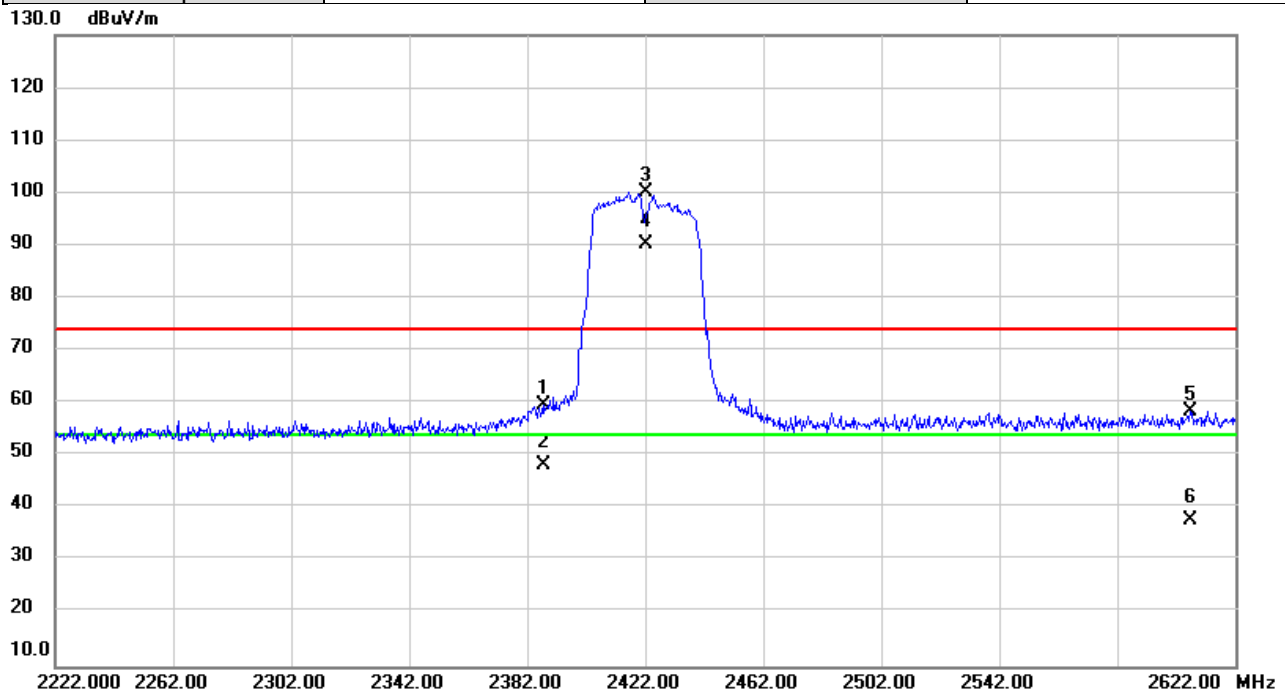


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2389.160	25.58	31.21	56.79	74.00	-17.21	peak	
2		2389.160	3.55	31.21	34.76	54.00	-19.24	AVG	
3	X	2472.000	70.93	31.48	102.41	74.00	28.41	peak	NoLimit
4	*	2472.000	60.47	31.48	91.95	54.00	37.95	AVG	NoLimit
5		2484.300	28.70	31.52	60.22	74.00	-13.78	peak	
6		2484.300	16.29	31.52	47.81	54.00	-6.19	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2422MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

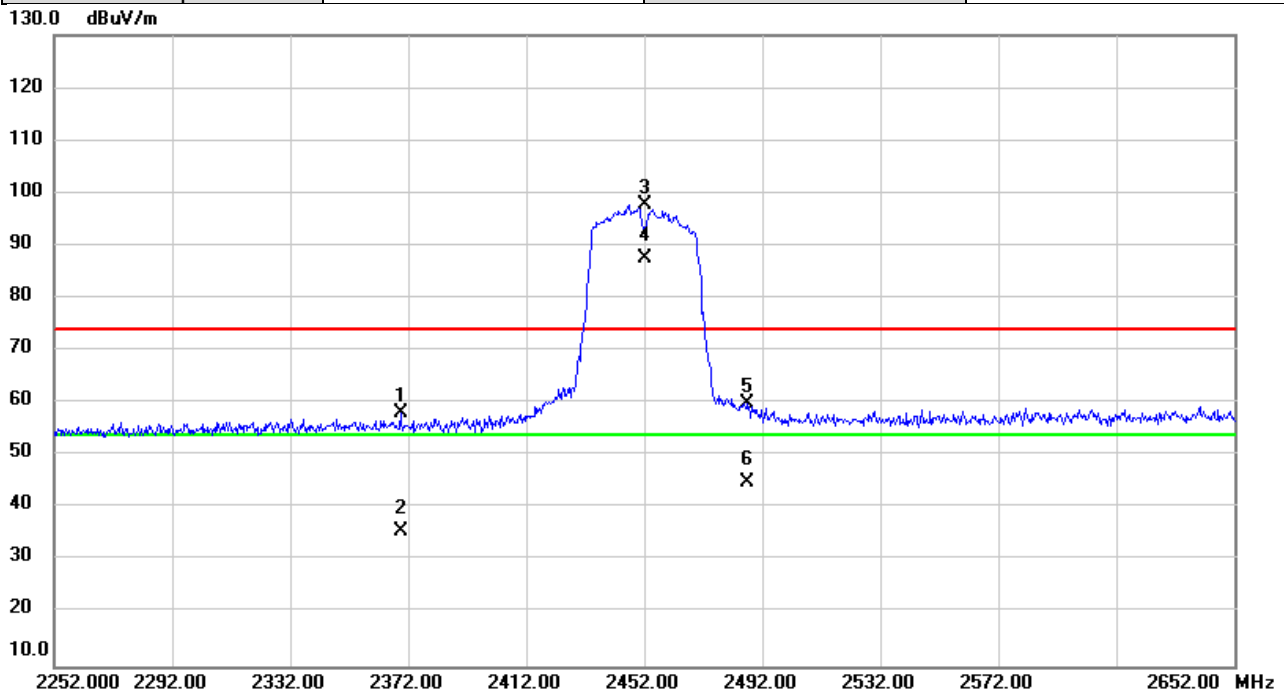


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.413	28.52	31.21	59.73	74.00	-14.27	peak	
2		2387.413	17.15	31.21	48.36	54.00	-5.64	AVG	
3	X	2422.000	68.69	31.32	100.01	74.00	26.01	peak	NoLimit
4	*	2422.000	58.79	31.32	90.11	54.00	36.11	AVG	NoLimit
5		2606.800	26.68	31.87	58.55	74.00	-15.45	peak	
6		2606.800	5.76	31.87	37.63	54.00	-16.37	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2452MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

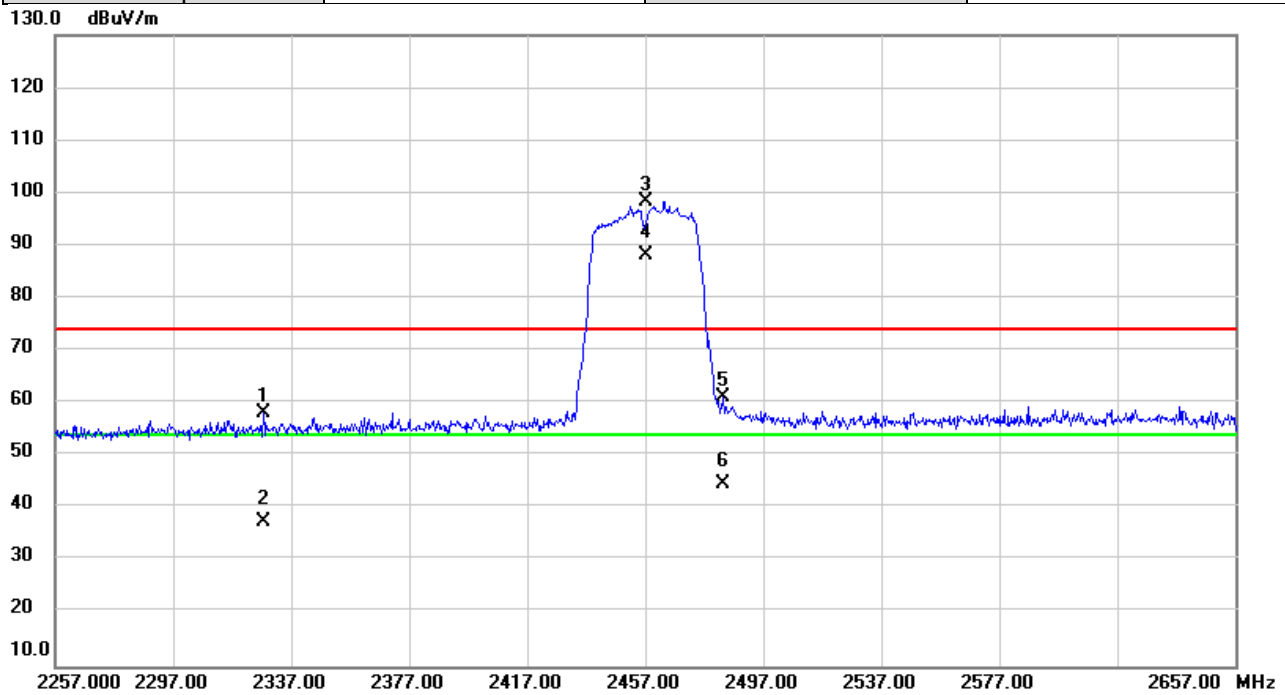


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2369.560	26.87	31.14	58.01	74.00	-15.99	peak	
2		2369.560	4.44	31.14	35.58	54.00	-18.42	AVG	
3	X	2452.000	66.44	31.42	97.86	74.00	23.86	peak	NoLimit
4	*	2452.000	55.98	31.42	87.40	54.00	33.40	AVG	NoLimit
5		2486.840	28.40	31.53	59.93	74.00	-14.07	peak	
6		2486.840	13.46	31.53	44.99	54.00	-9.01	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2457MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

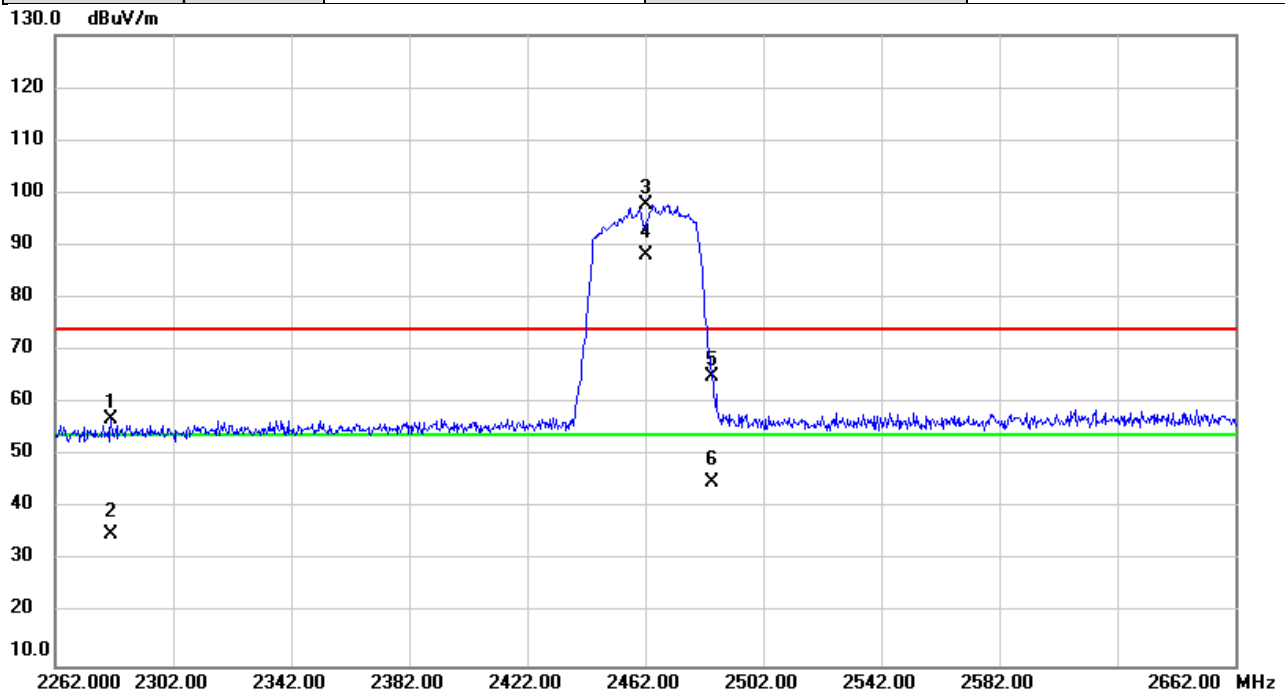


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2327.480	27.08	31.01	58.09	74.00	-15.91	peak	
2		2327.480	6.46	31.01	37.47	54.00	-16.53	AVG	
3	X	2457.000	67.02	31.43	98.45	74.00	24.45	peak	NoLimit
4	*	2457.000	56.68	31.43	88.11	54.00	34.11	AVG	NoLimit
5		2483.627	29.70	31.52	61.22	74.00	-12.78	peak	
6		2483.627	13.11	31.52	44.63	54.00	-9.37	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

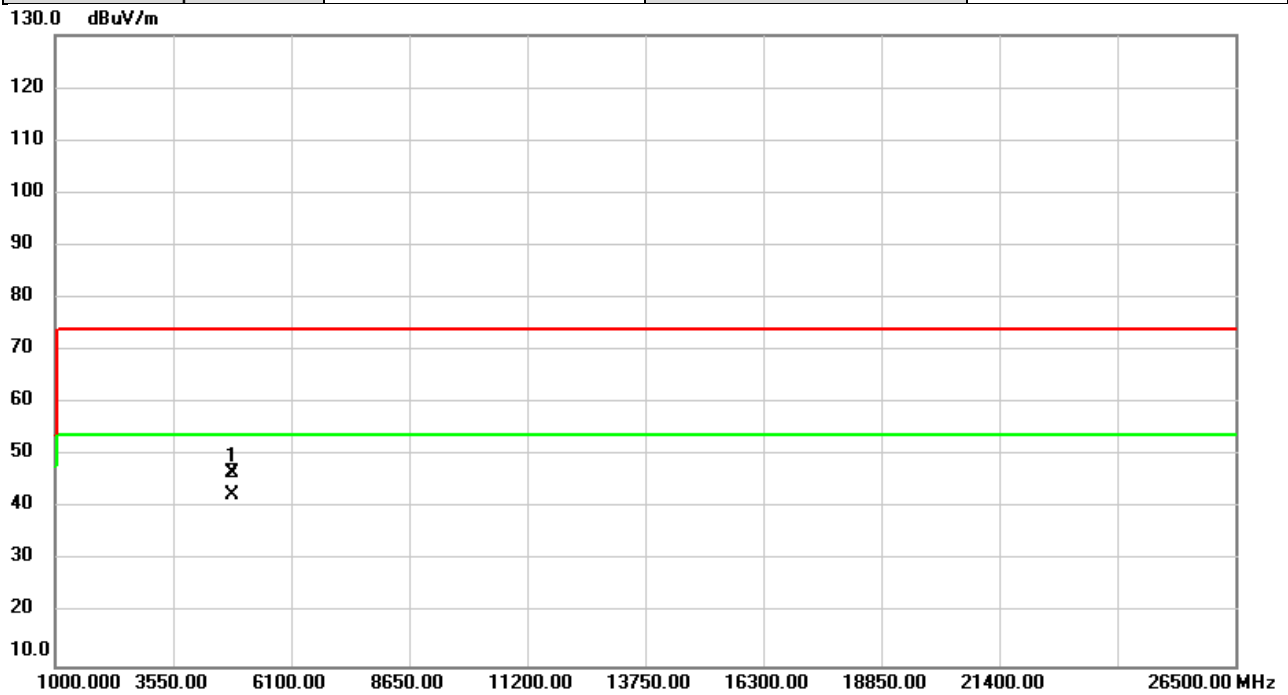


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2280.907	26.08	30.86	56.94	74.00	-17.06	peak	
2		2280.907	4.13	30.86	34.99	54.00	-19.01	AVG	
3	X	2462.000	66.38	31.44	97.82	74.00	23.82	peak	NoLimit
4	*	2462.000	56.62	31.44	88.06	54.00	34.06	AVG	NoLimit
5		2484.440	33.57	31.52	65.09	74.00	-8.91	peak	
6		2484.440	13.37	31.52	44.89	54.00	-9.11	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

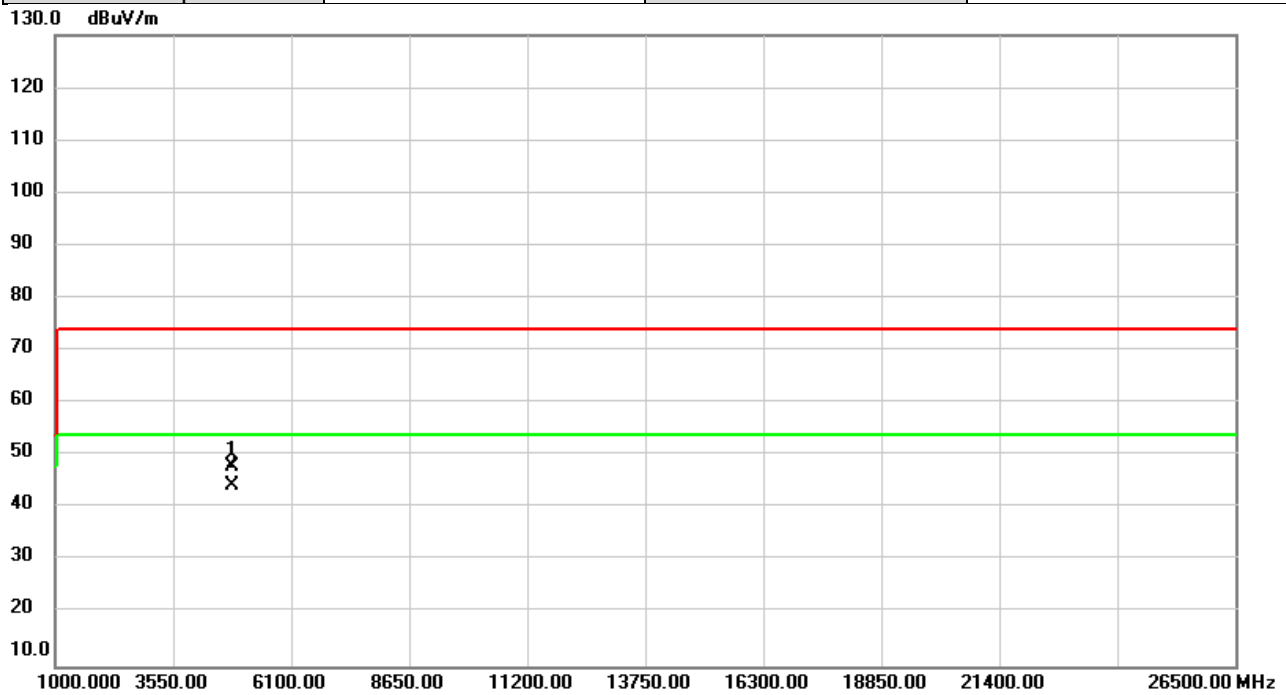


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	56.73	-9.83	46.90	74.00	-27.10	peak	
2	*	4824.000	52.38	-9.83	42.55	54.00	-11.45	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

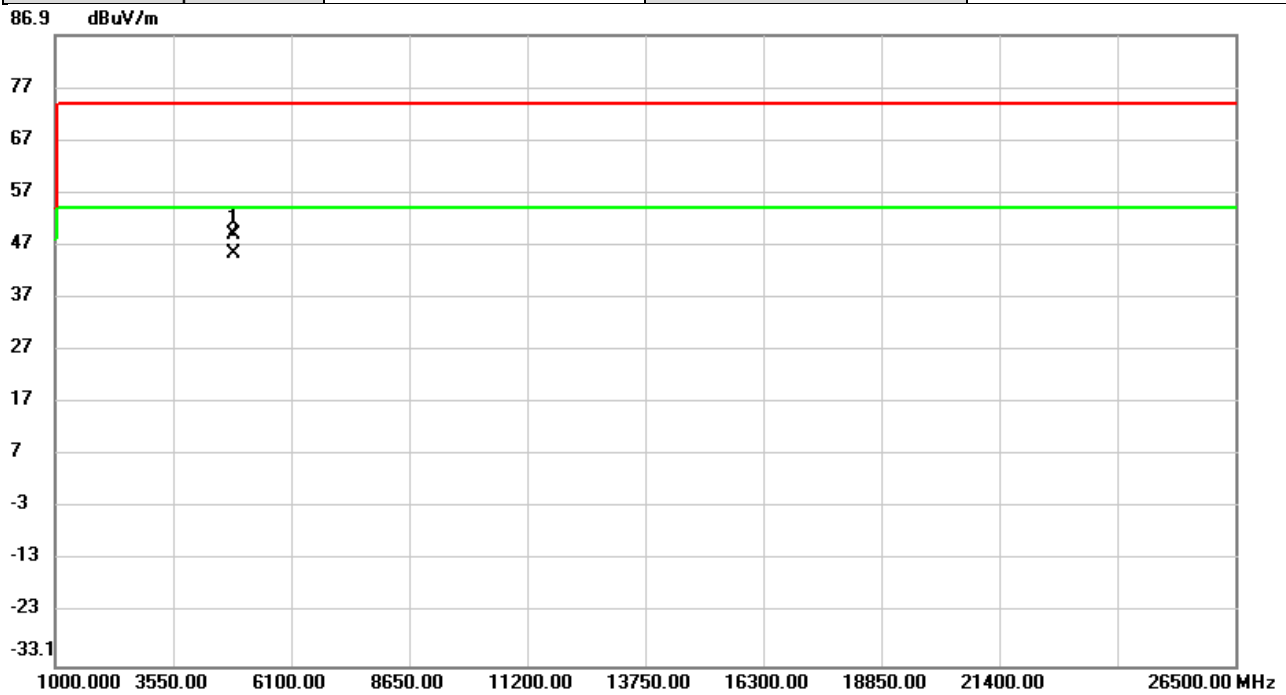


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	57.88	-9.83	48.05	74.00	-25.95	peak	
2	*	4824.000	54.28	-9.83	44.45	54.00	-9.55	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2437MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

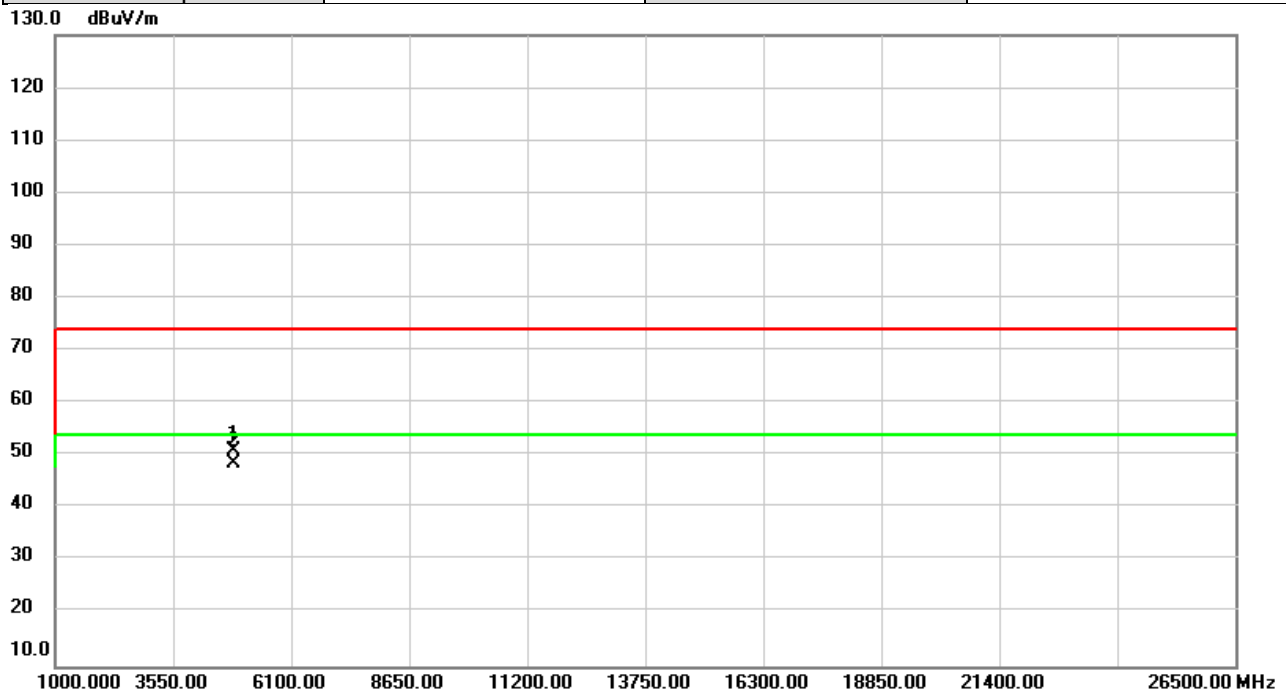


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	58.61	-9.78	48.83	74.00	-25.17	peak	
2	*	4874.000	55.24	-9.78	45.46	54.00	-8.54	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2437MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

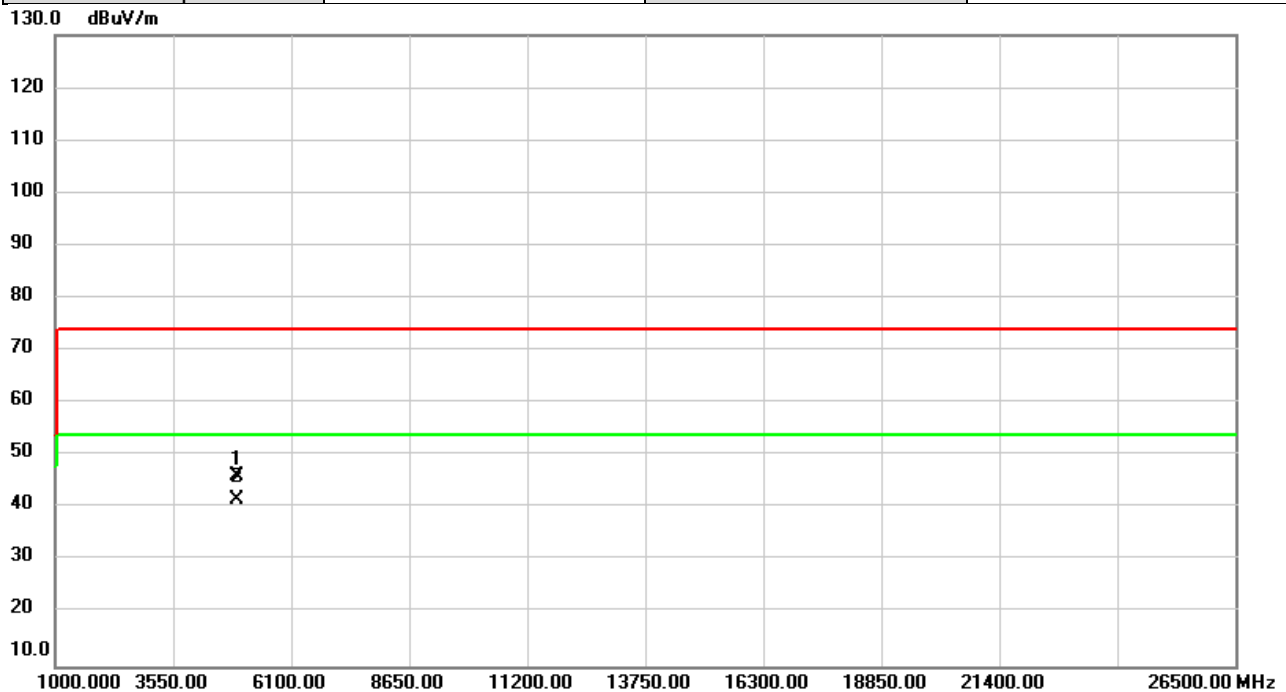


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	60.66	-9.78	50.88	74.00	-23.12	peak	
2	*	4874.000	58.38	-9.78	48.60	54.00	-5.40	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

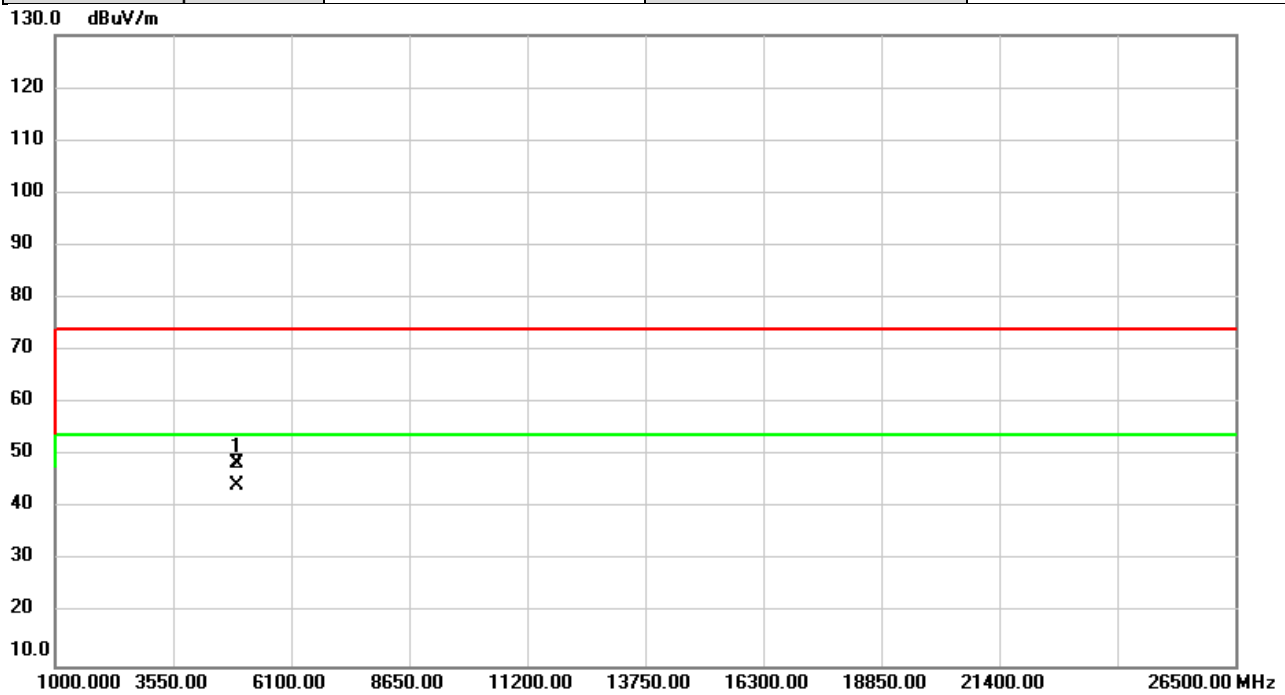


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	55.79	-9.72	46.07	74.00	-27.93	peak	
2	*	4924.000	51.44	-9.72	41.72	54.00	-12.28	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

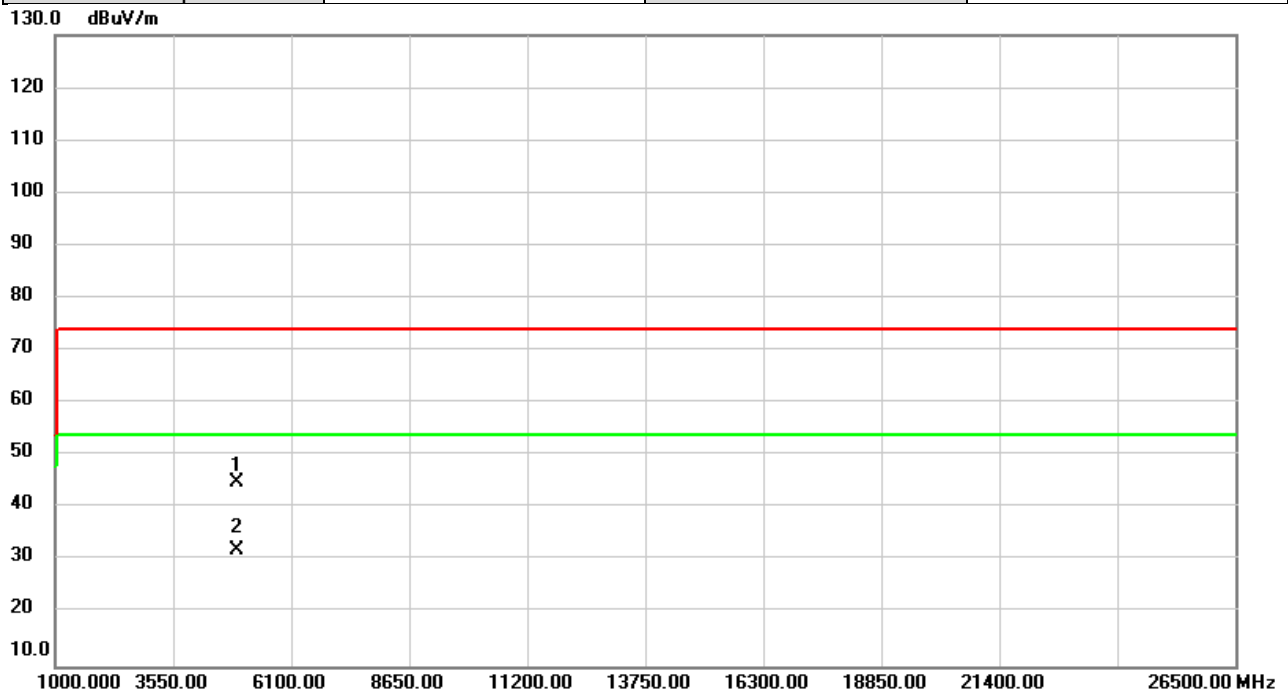


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	58.40	-9.72	48.68	74.00	-25.32	peak	
2	*	4924.000	54.04	-9.72	44.32	54.00	-9.68	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

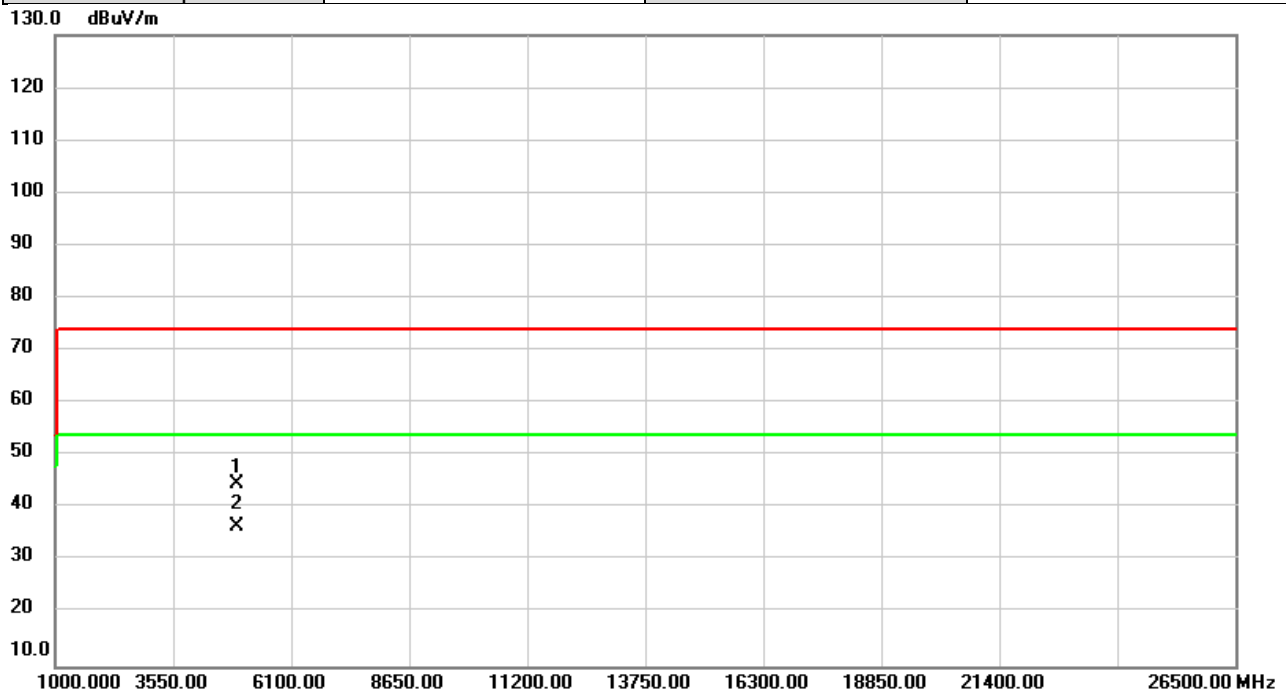


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	54.75	-9.70	45.05	74.00	-28.95	peak	
2	*	4934.000	41.68	-9.70	31.98	54.00	-22.02	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

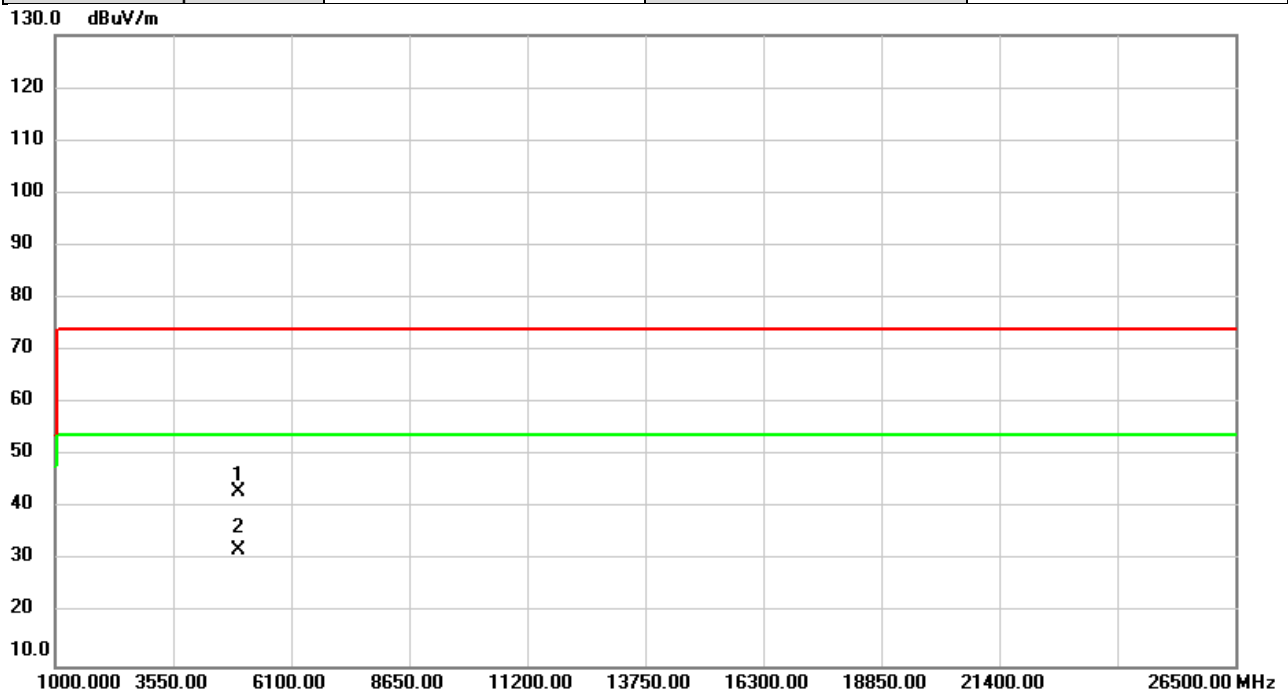


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	54.46	-9.70	44.76	74.00	-29.24	peak	
2	*	4934.000	46.21	-9.70	36.51	54.00	-17.49	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

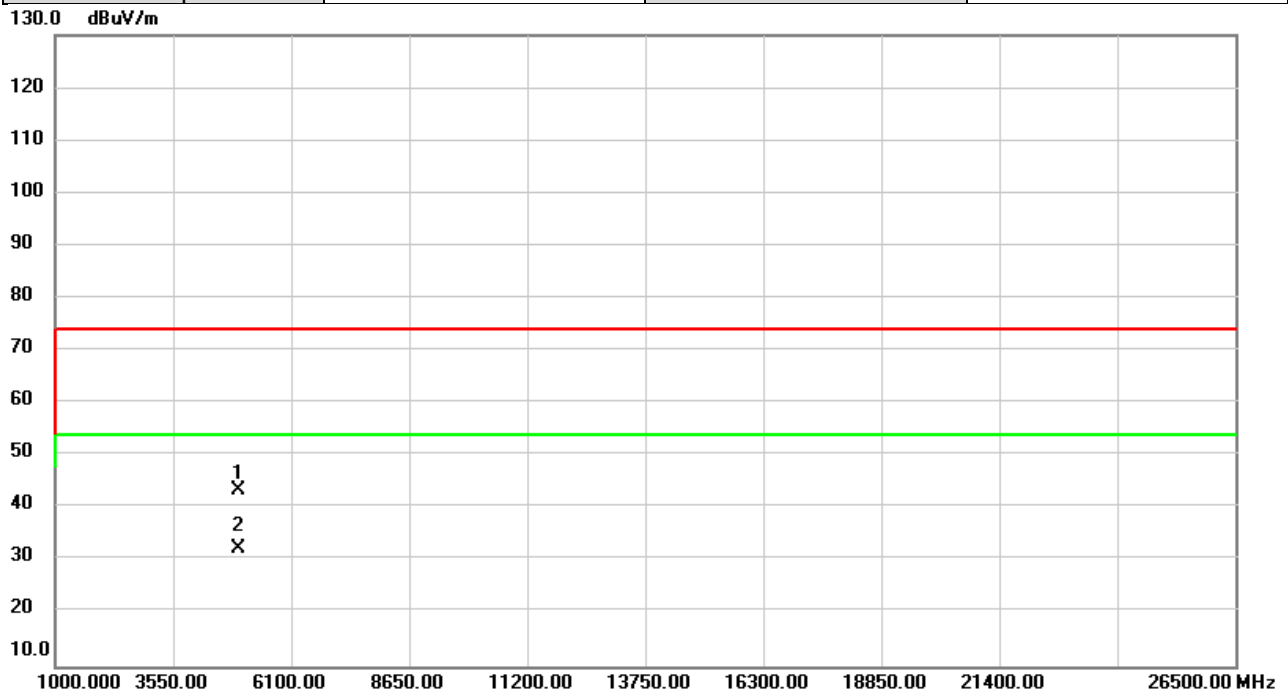


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	52.77	-9.70	43.07	74.00	-30.93	peak	
2	*	4944.000	41.78	-9.70	32.08	54.00	-21.92	AVG	

REMARKS:

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

Test Mode	IEEE802.11b	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

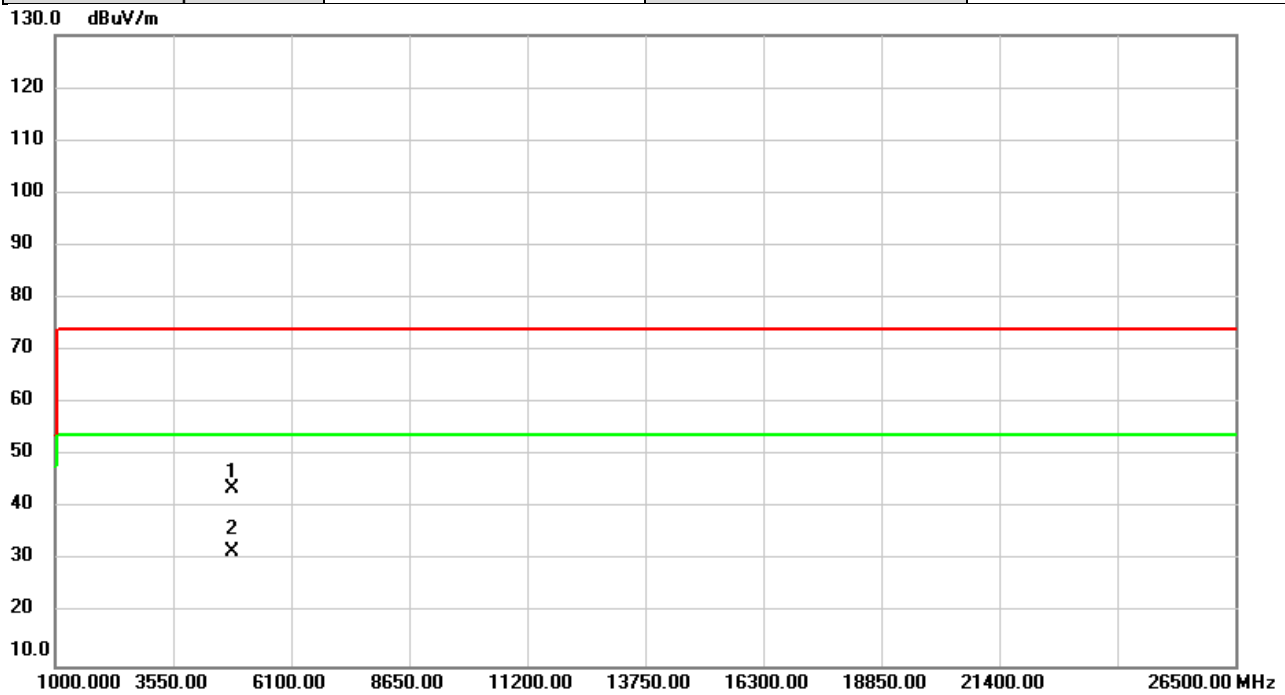


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	53.23	-9.70	43.53	74.00	-30.47	peak	
2	*	4944.000	42.10	-9.70	32.40	54.00	-21.60	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

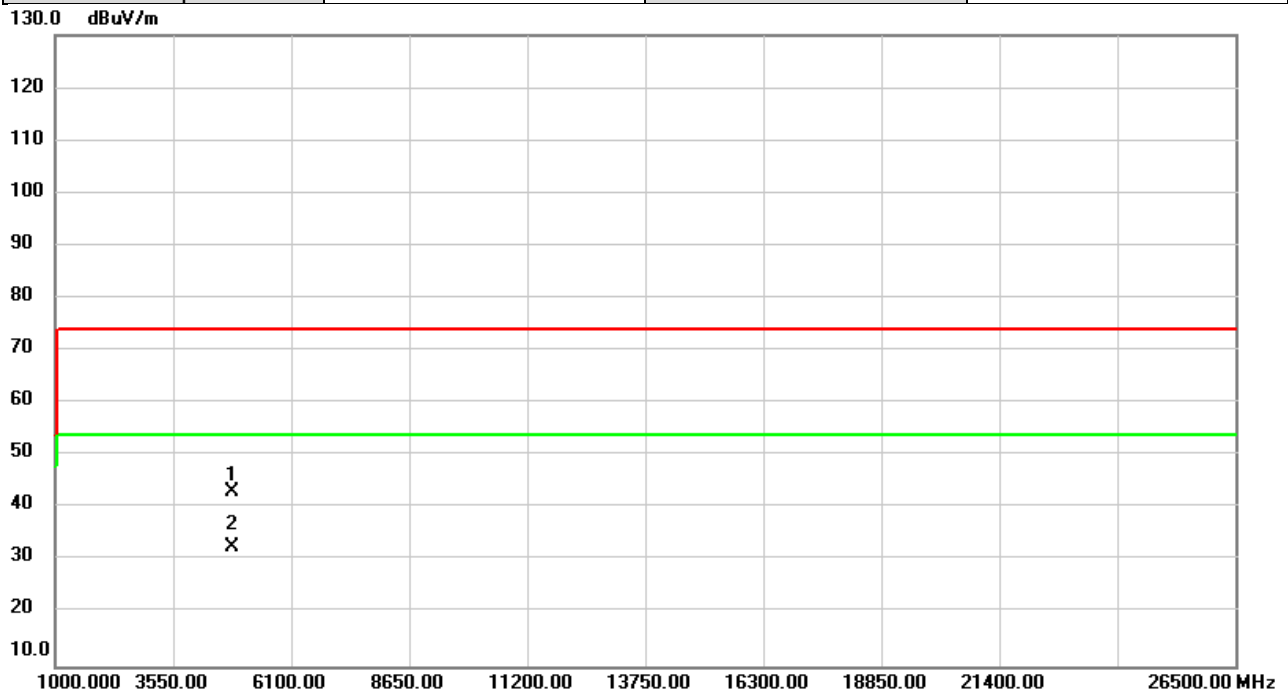


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	53.71	-9.83	43.88	74.00	-30.12	peak	
2	*	4824.000	41.46	-9.83	31.63	54.00	-22.37	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

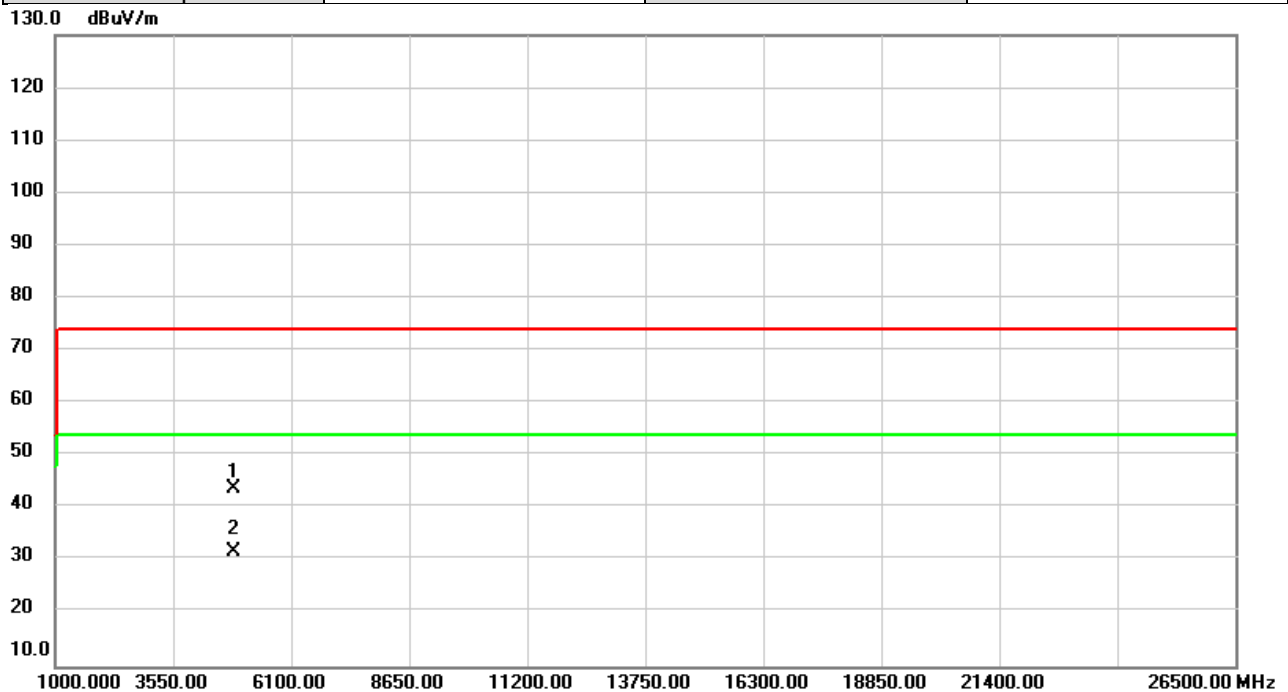


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	53.08	-9.83	43.25	74.00	-30.75	peak	
2	*	4824.000	42.40	-9.83	32.57	54.00	-21.43	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2437MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

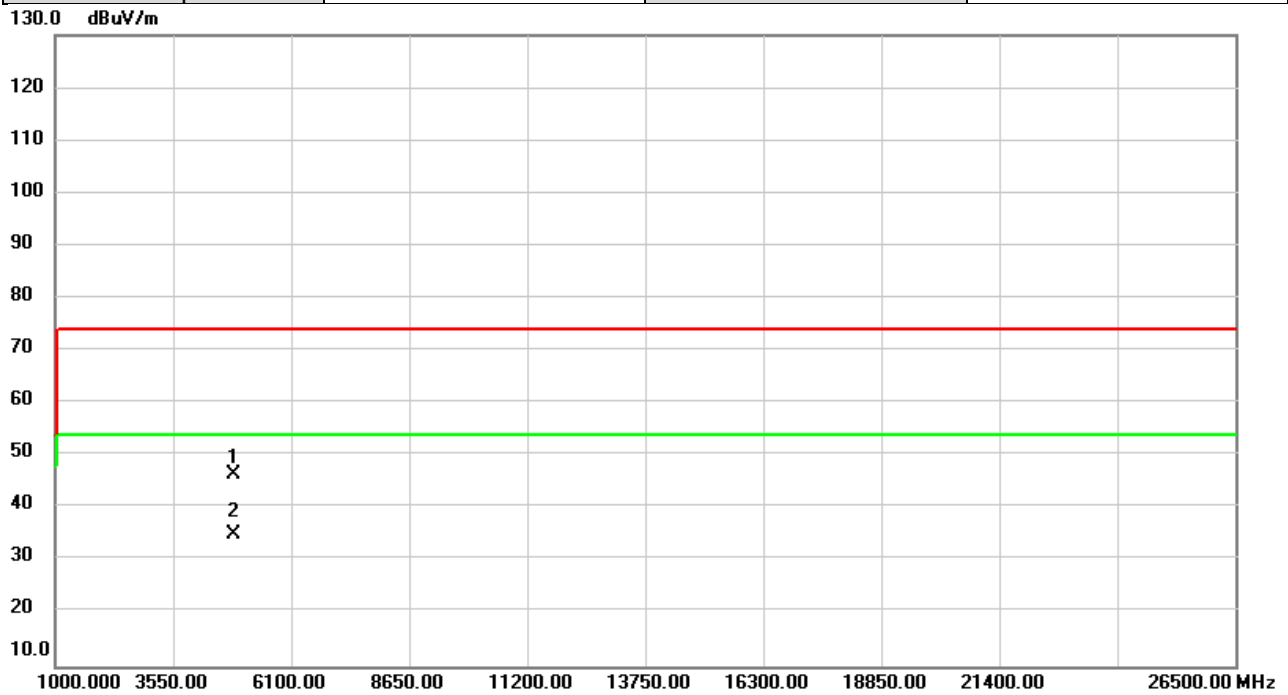


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	53.51	-9.78	43.73	74.00	-30.27	peak	
2	*	4874.000	41.65	-9.78	31.87	54.00	-22.13	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2437MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

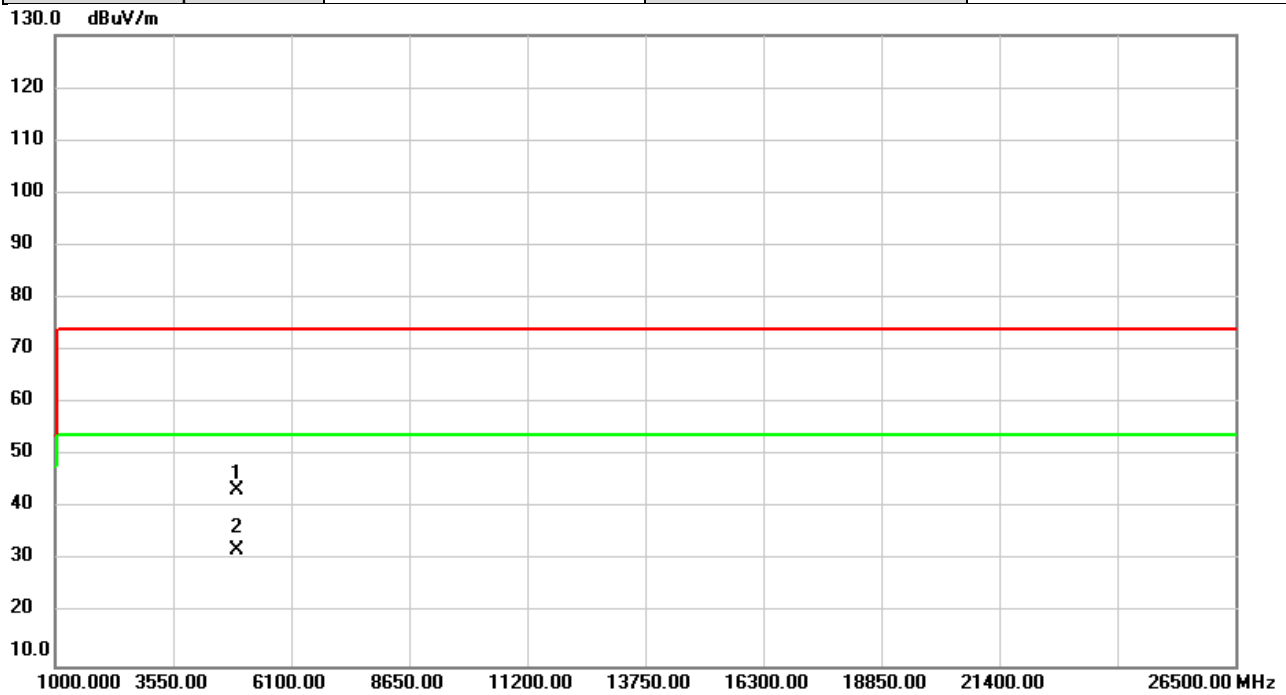


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	56.14	-9.78	46.36	74.00	-27.64	peak	
2	*	4874.000	44.73	-9.78	34.95	54.00	-19.05	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

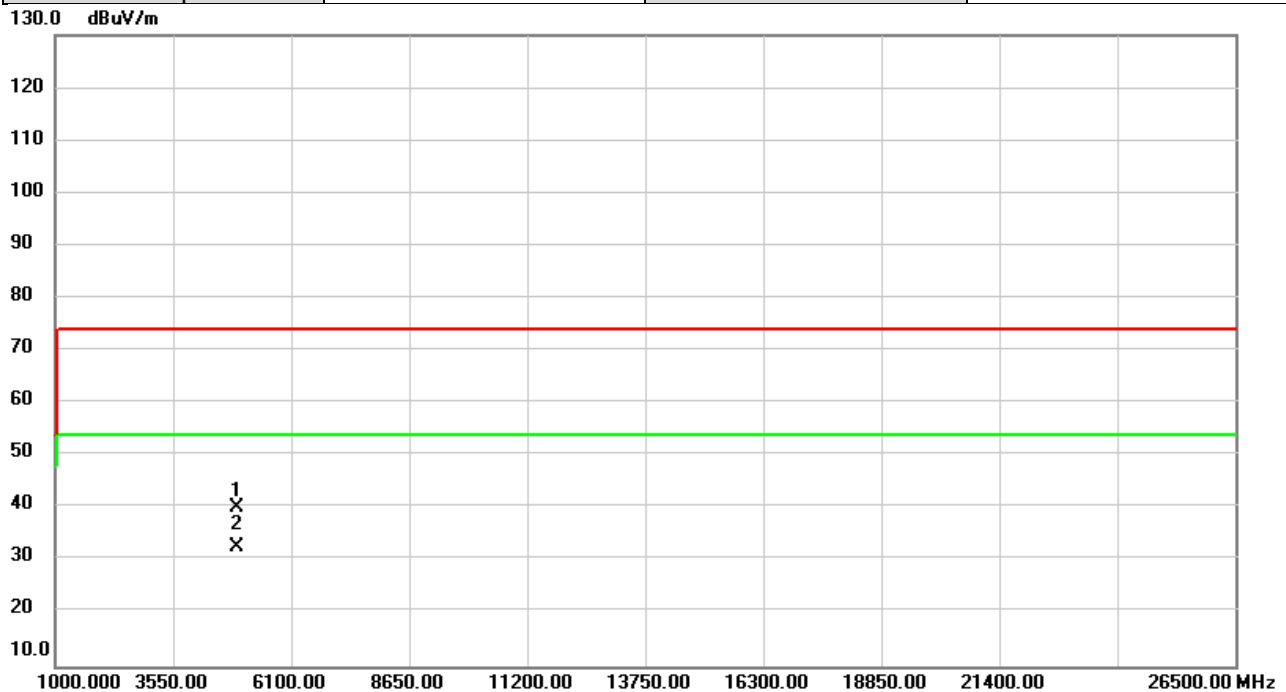


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	53.30	-9.72	43.58	74.00	-30.42	peak	
2	*	4924.000	41.68	-9.72	31.96	54.00	-22.04	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

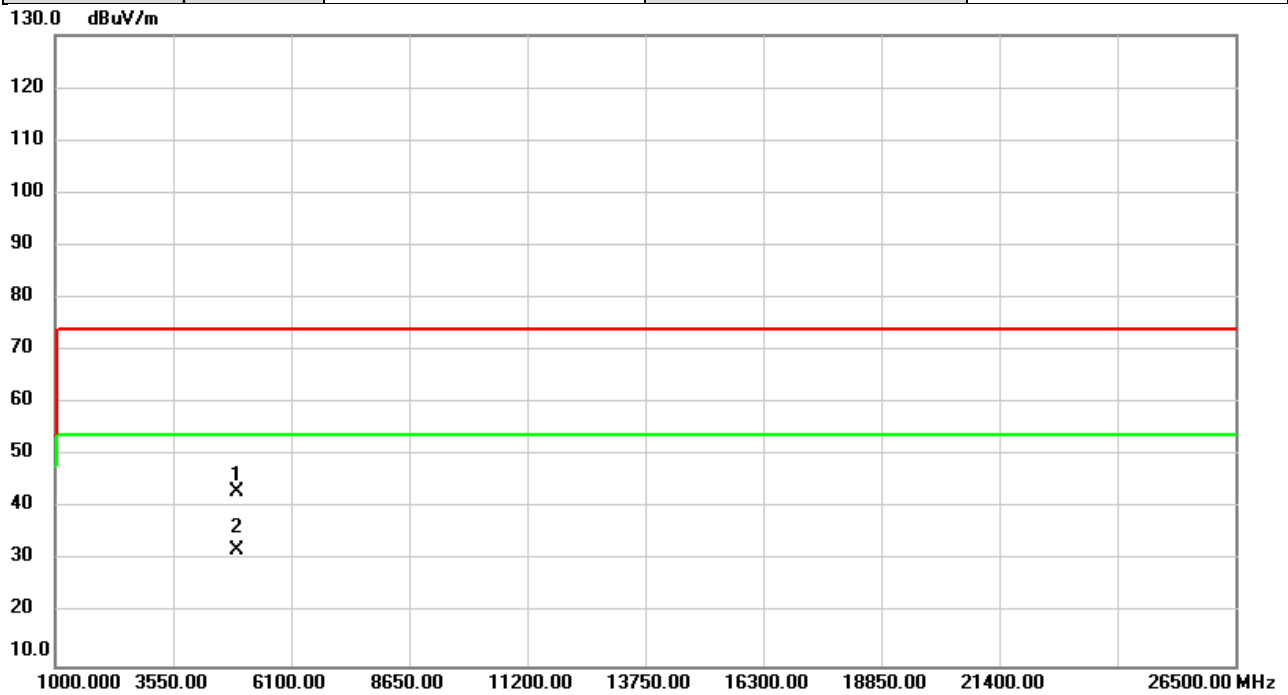


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	49.74	-9.72	40.02	74.00	-33.98	peak	
2	*	4924.000	42.24	-9.72	32.52	54.00	-21.48	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

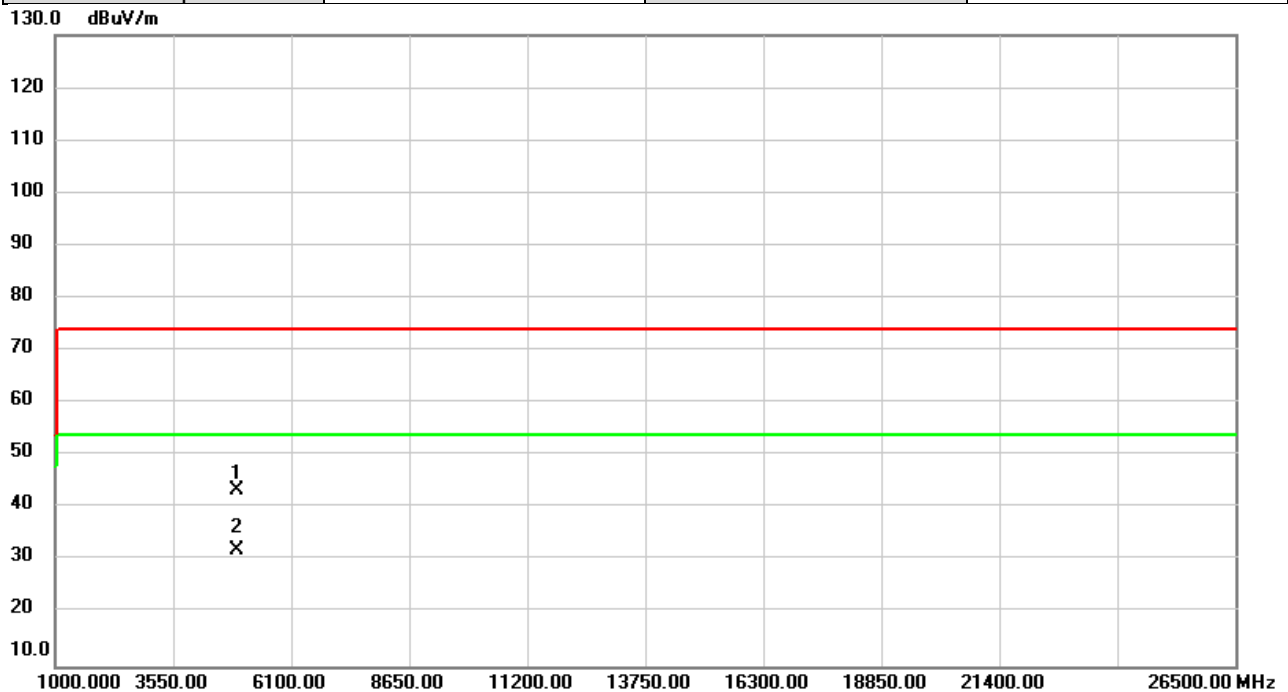


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	52.91	-9.70	43.21	74.00	-30.79	peak	
2	*	4934.000	41.72	-9.70	32.02	54.00	-21.98	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

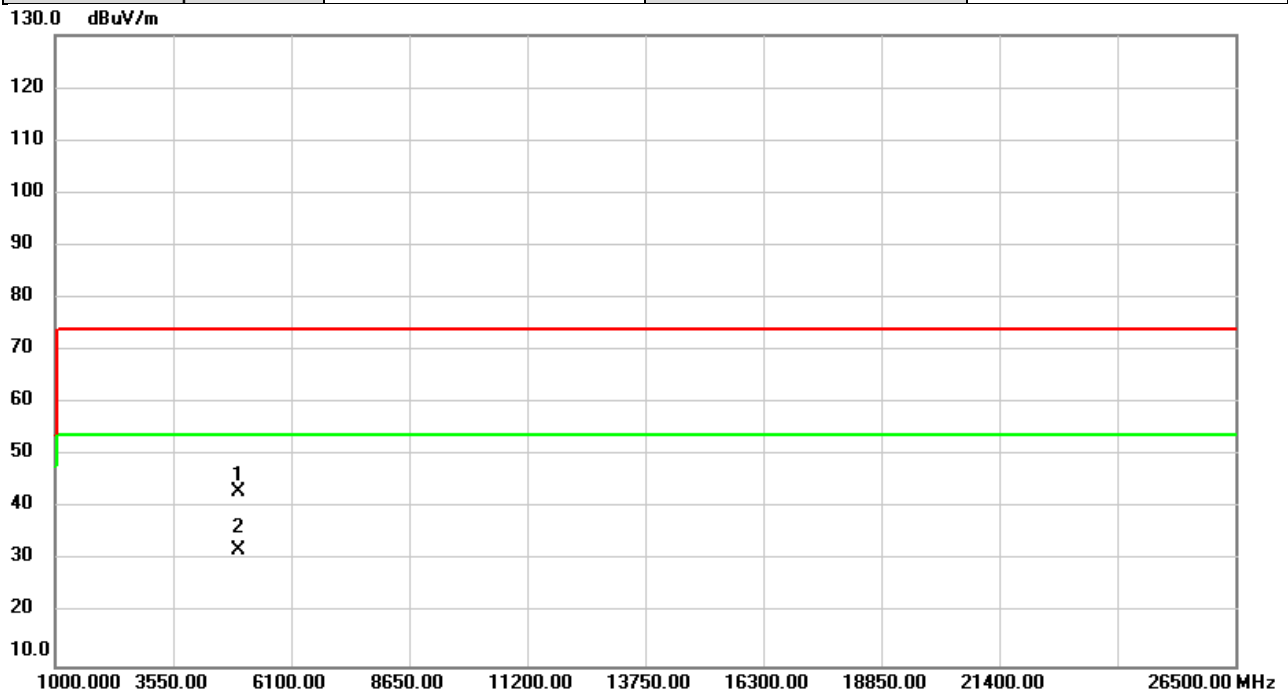


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	53.01	-9.70	43.31	74.00	-30.69	peak	
2	*	4934.000	41.74	-9.70	32.04	54.00	-21.96	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

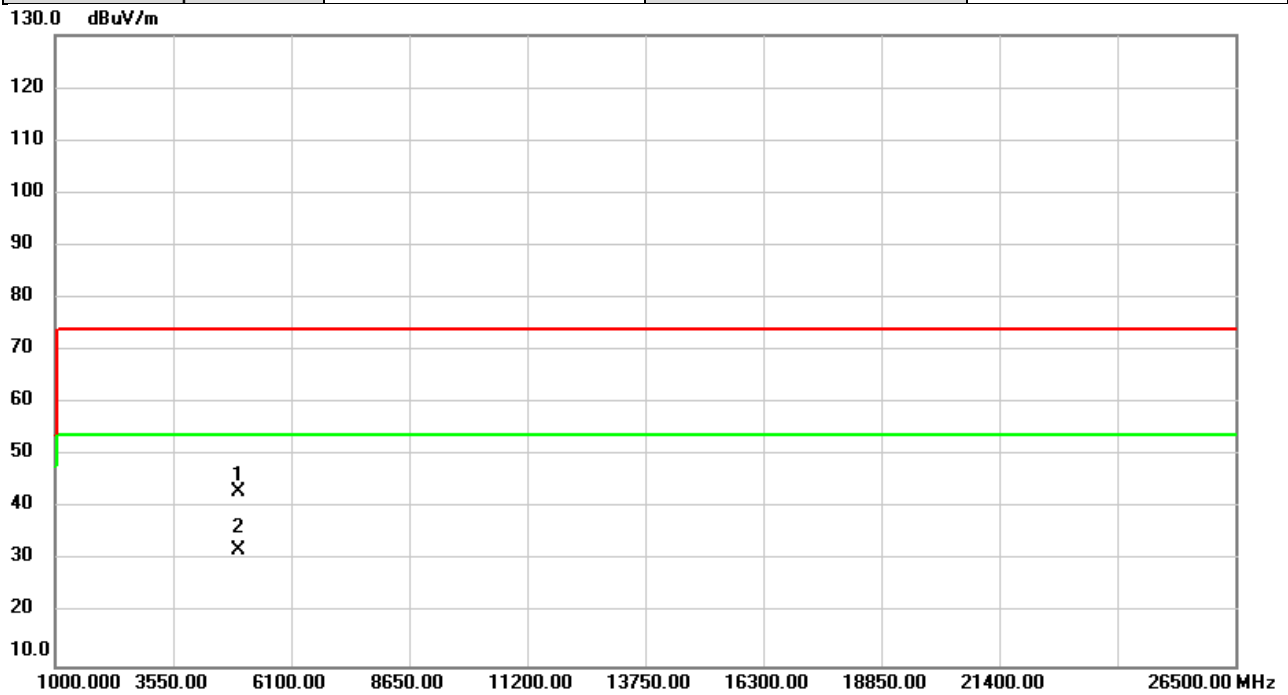


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	52.82	-9.70	43.12	74.00	-30.88	peak	
2	*	4944.000	41.72	-9.70	32.02	54.00	-21.98	AVG	

REMARKS:

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

Test Mode	IEEE802.11g	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

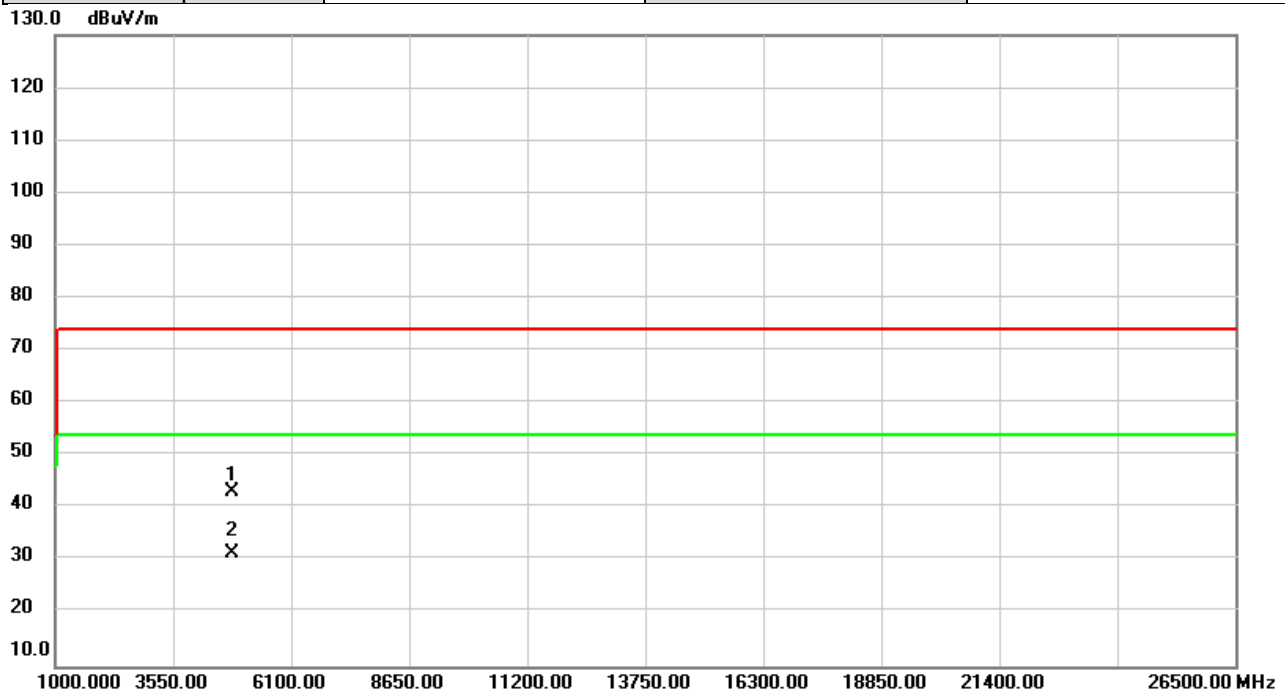


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	52.77	-9.70	43.07	74.00	-30.93	peak	
2	*	4944.000	41.78	-9.70	32.08	54.00	-21.92	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

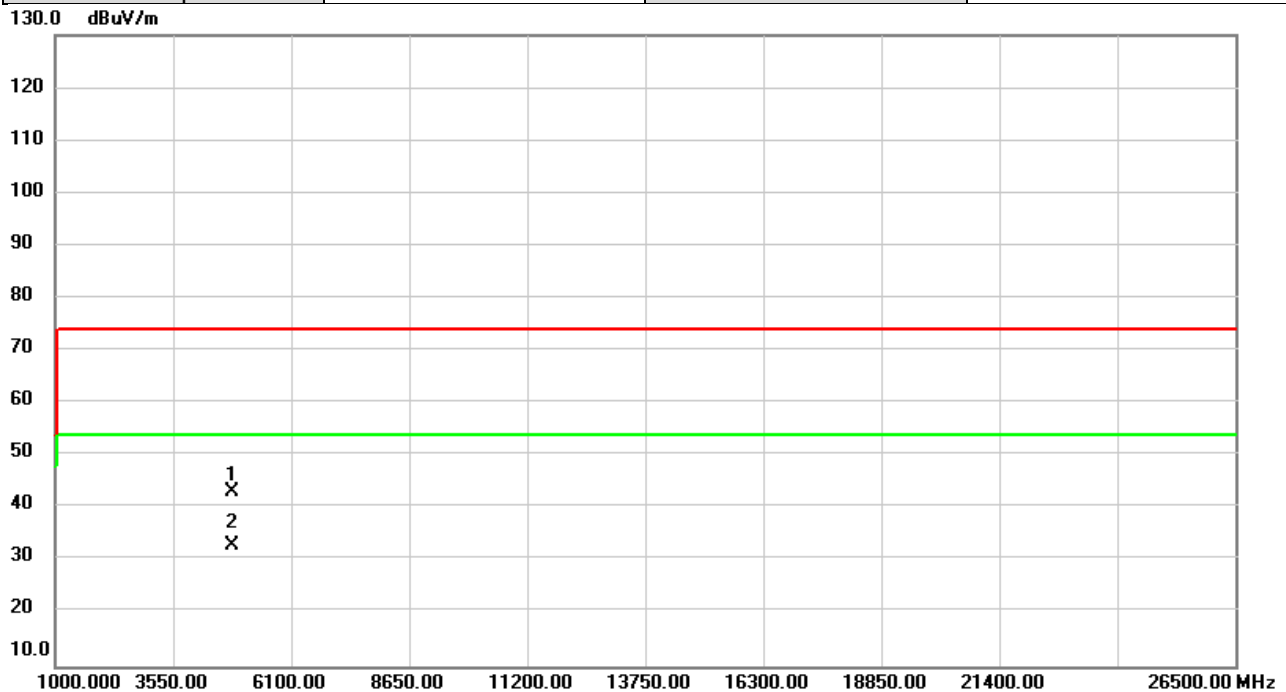


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	53.02	-9.83	43.19	74.00	-30.81	peak	
2	*	4824.000	41.39	-9.83	31.56	54.00	-22.44	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2412MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

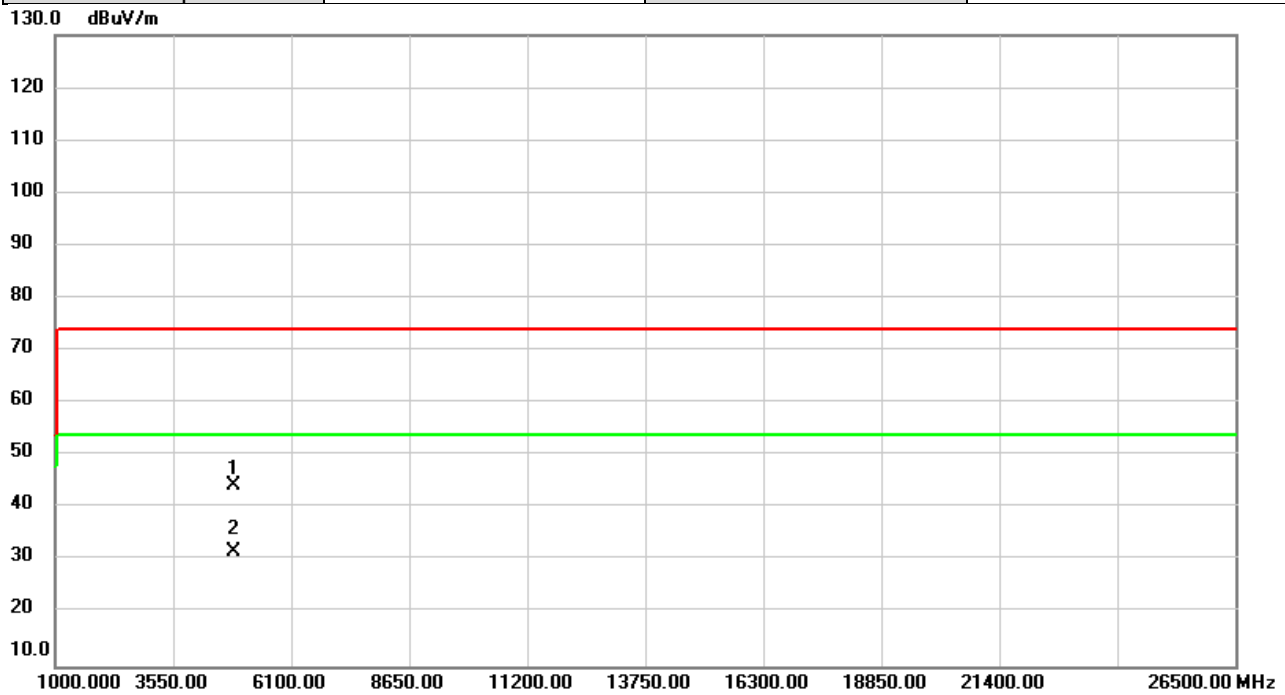


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4824.000	52.91	-9.83	43.08	74.00	-30.92	peak	
2	*	4824.000	42.73	-9.83	32.90	54.00	-21.10	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2437MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

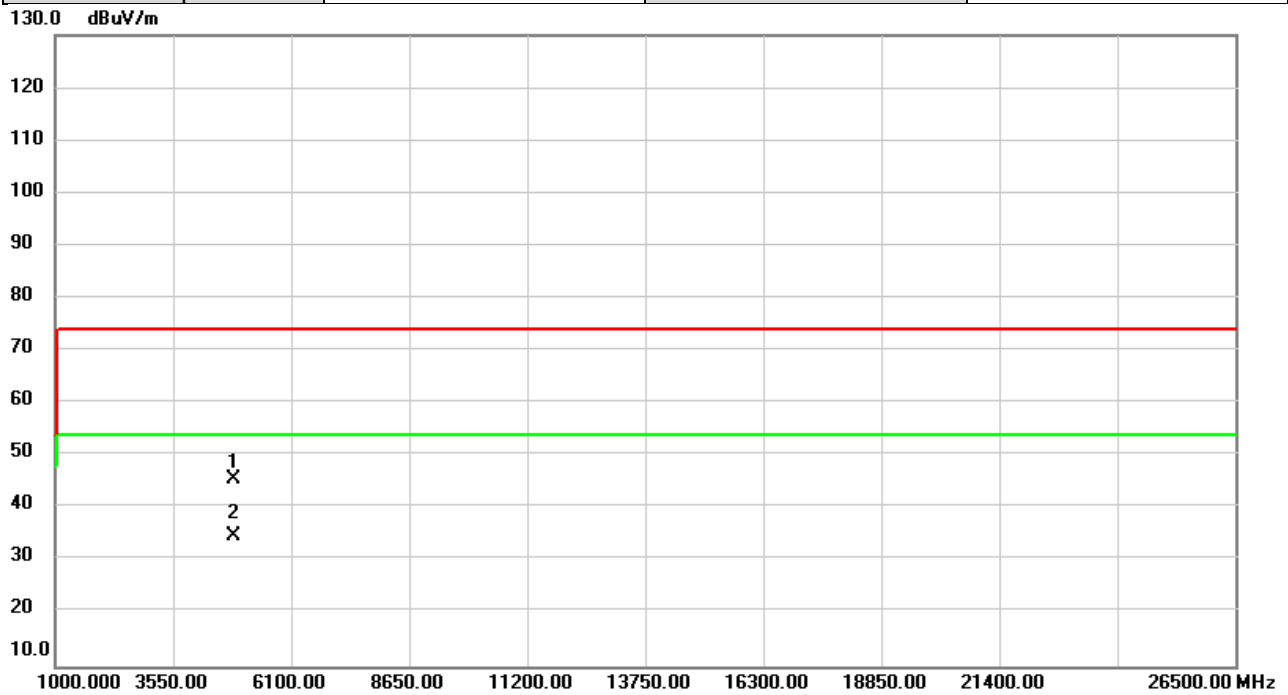


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	53.98	-9.78	44.20	74.00	-29.80	peak	
2	*	4874.000	41.46	-9.78	31.68	54.00	-22.32	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2437MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

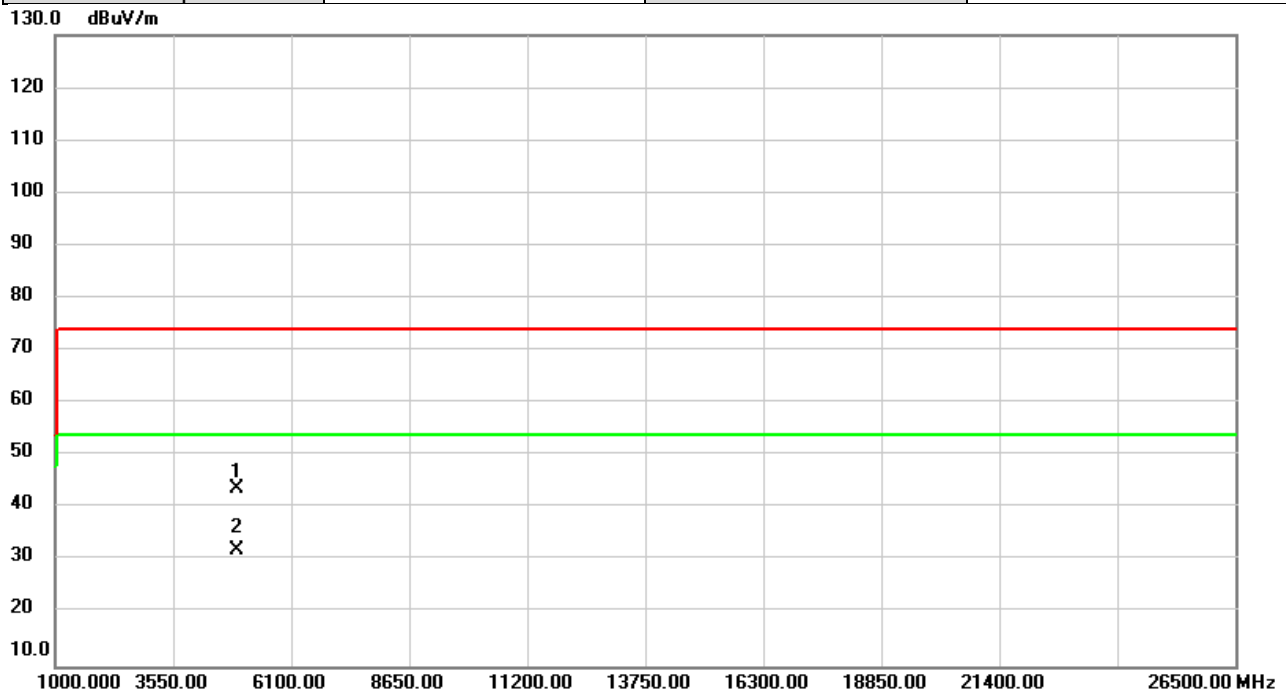


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	55.28	-9.78	45.50	74.00	-28.50	peak	
2	*	4874.000	44.50	-9.78	34.72	54.00	-19.28	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

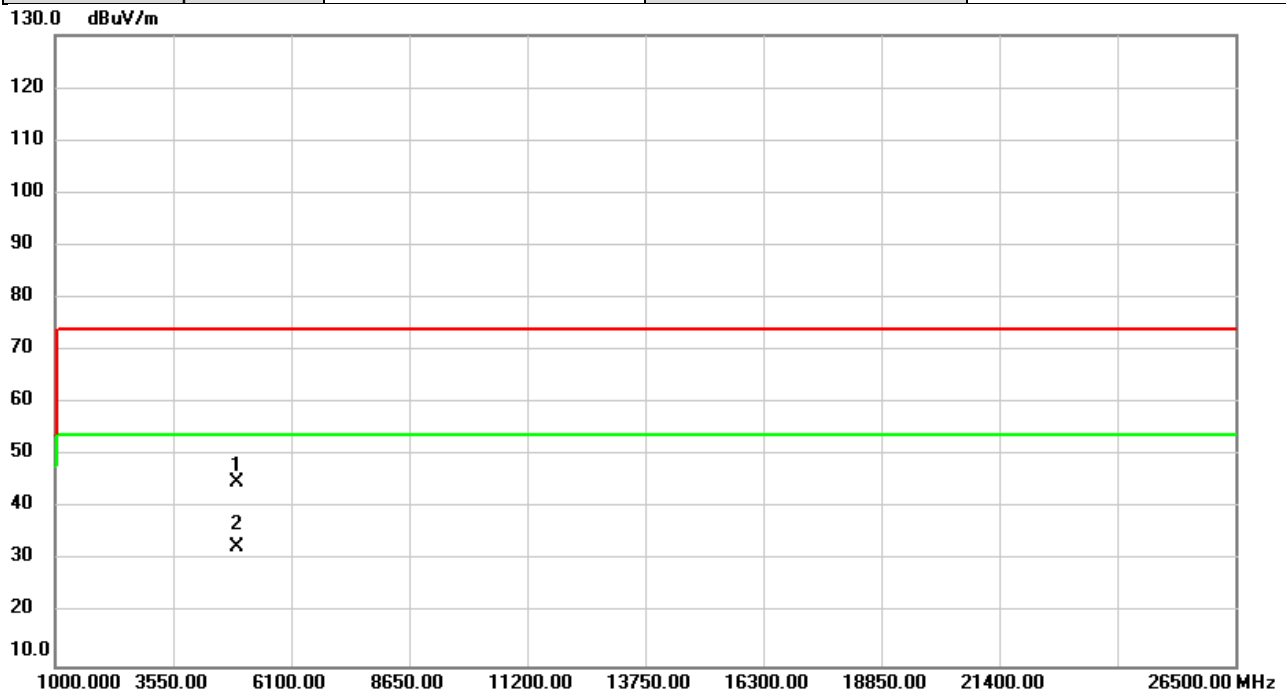


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	53.46	-9.72	43.74	74.00	-30.26	peak	
2	*	4924.000	41.65	-9.72	31.93	54.00	-22.07	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

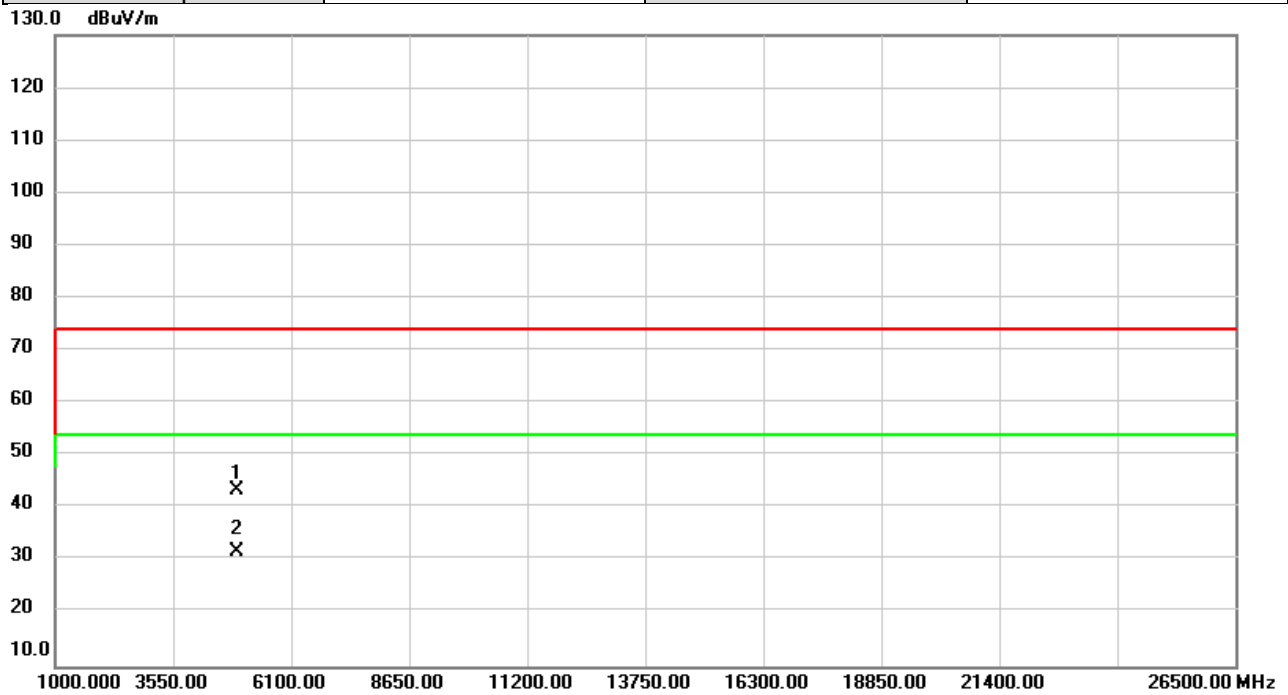


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	54.53	-9.72	44.81	74.00	-29.19	peak	
2	*	4924.000	42.42	-9.72	32.70	54.00	-21.30	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

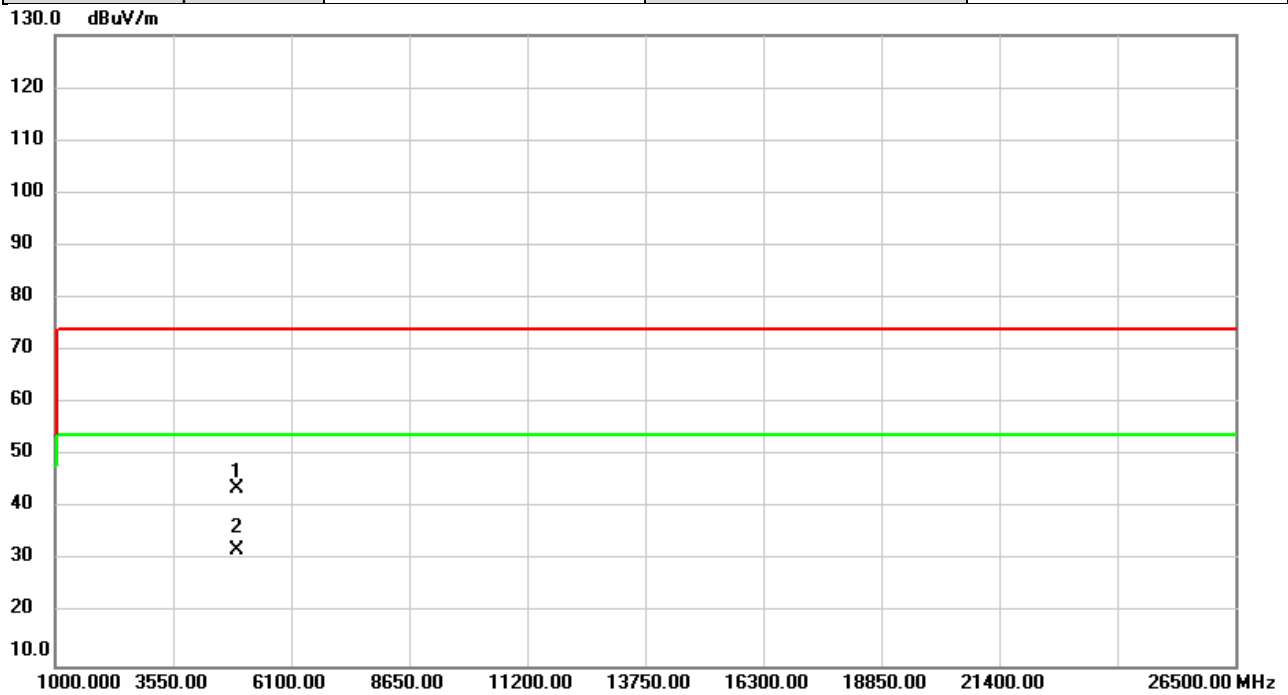


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	53.03	-9.70	43.33	74.00	-30.67	peak	
2	*	4934.000	41.58	-9.70	31.88	54.00	-22.12	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2467MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

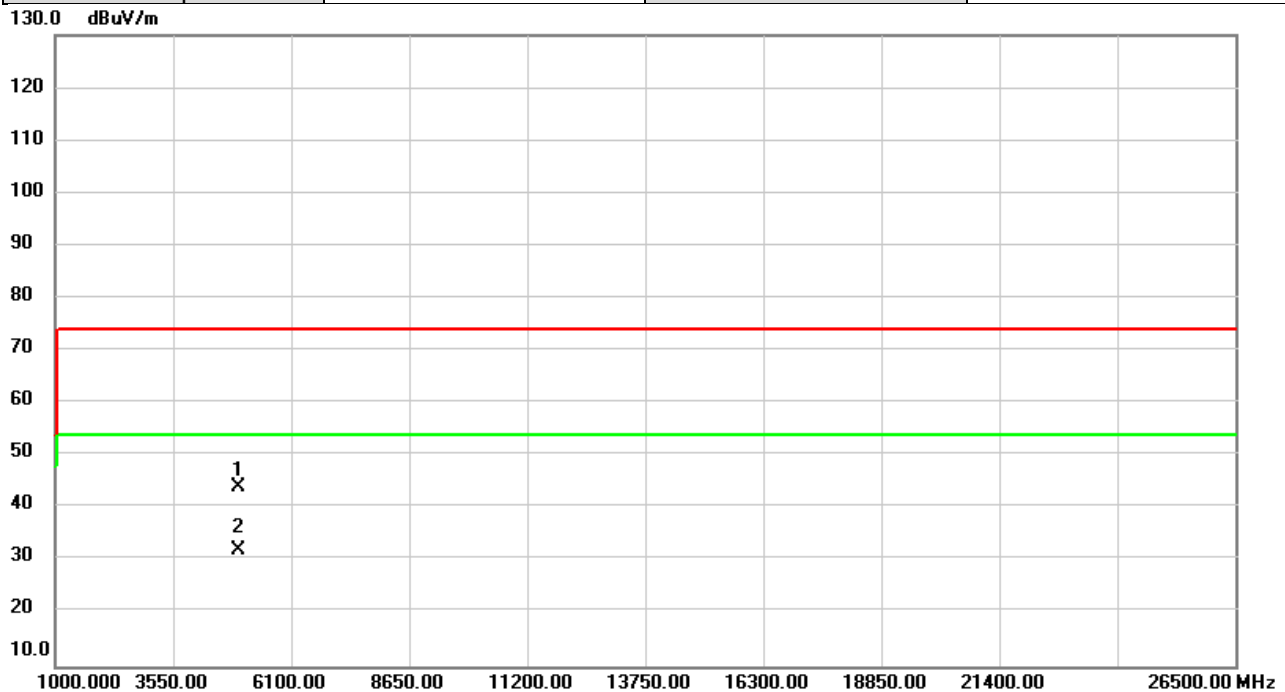


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4934.000	53.40	-9.70	43.70	74.00	-30.30	peak	
2	*	4934.000	41.72	-9.70	32.02	54.00	-21.98	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

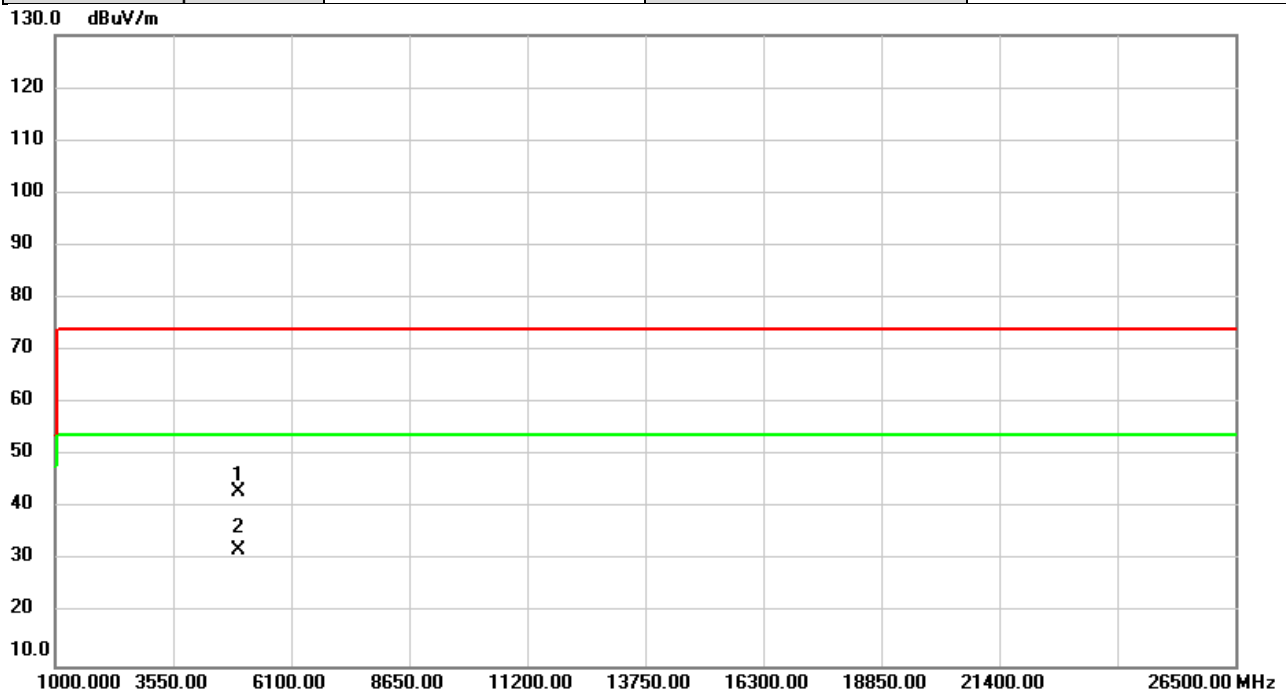


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	53.70	-9.70	44.00	74.00	-30.00	peak	
2	*	4944.000	41.75	-9.70	32.05	54.00	-21.95	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT20)	Test Date	2021/11/1
Test Frequency	2472MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

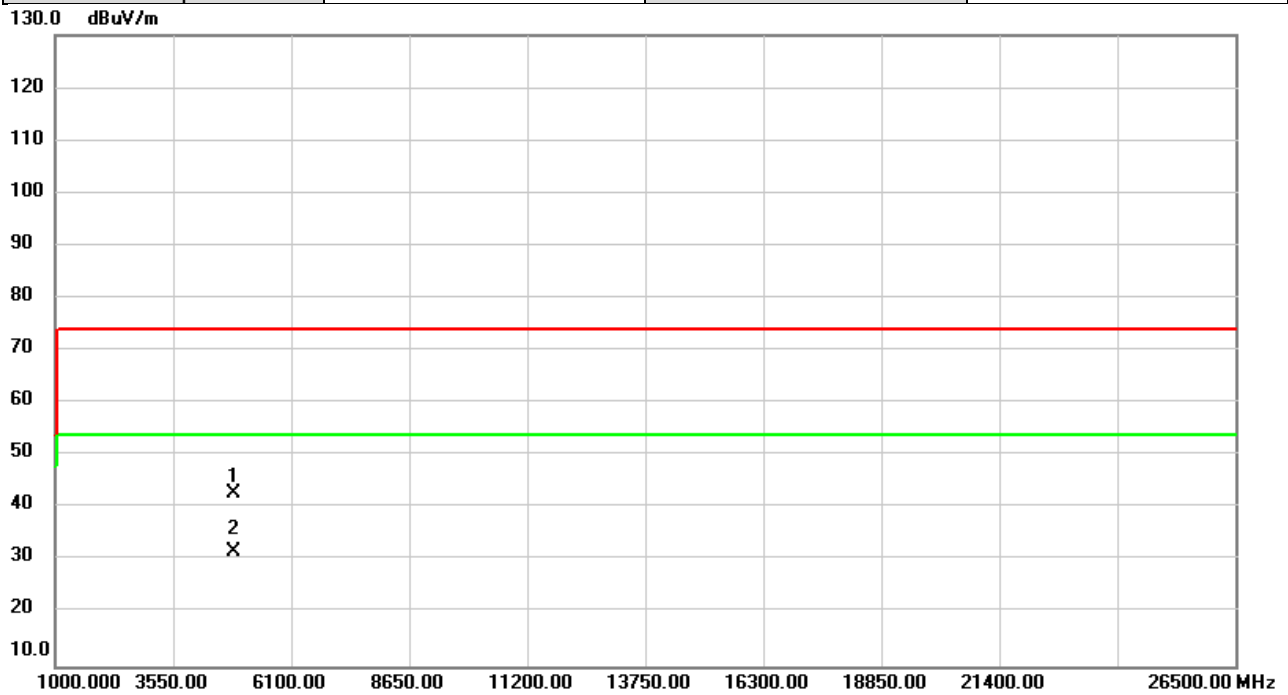


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4944.000	52.72	-9.70	43.02	74.00	-30.98	peak	
2	*	4944.000	41.84	-9.70	32.14	54.00	-21.86	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2422MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

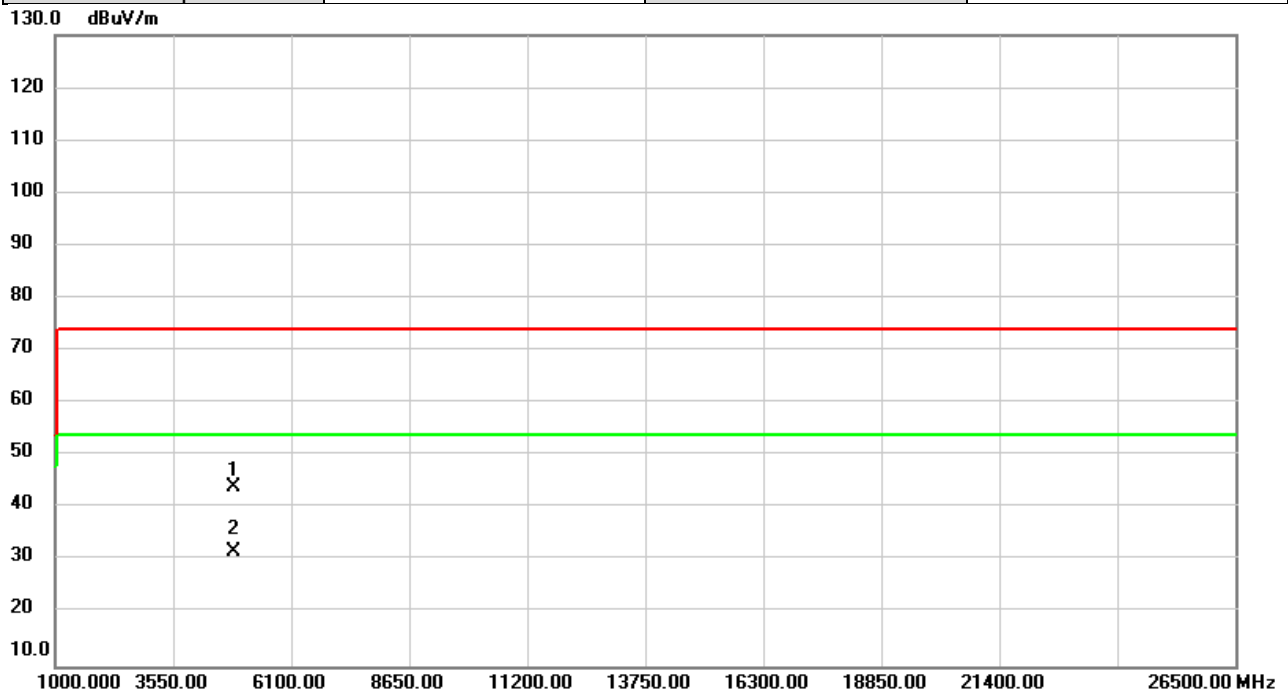


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	52.77	-9.80	42.97	74.00	-31.03	peak	
2	*	4844.000	41.64	-9.80	31.84	54.00	-22.16	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2422MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

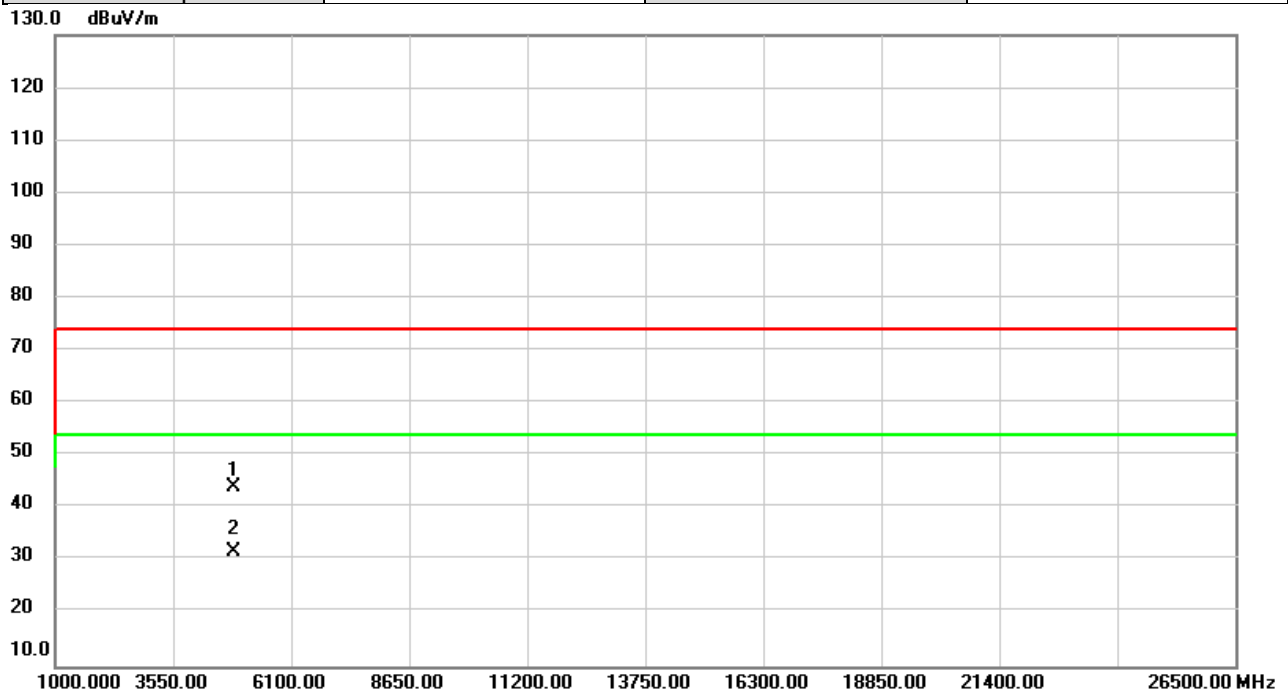


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4844.000	53.84	-9.80	44.04	74.00	-29.96	peak	
2	*	4844.000	41.62	-9.80	31.82	54.00	-22.18	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2437MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

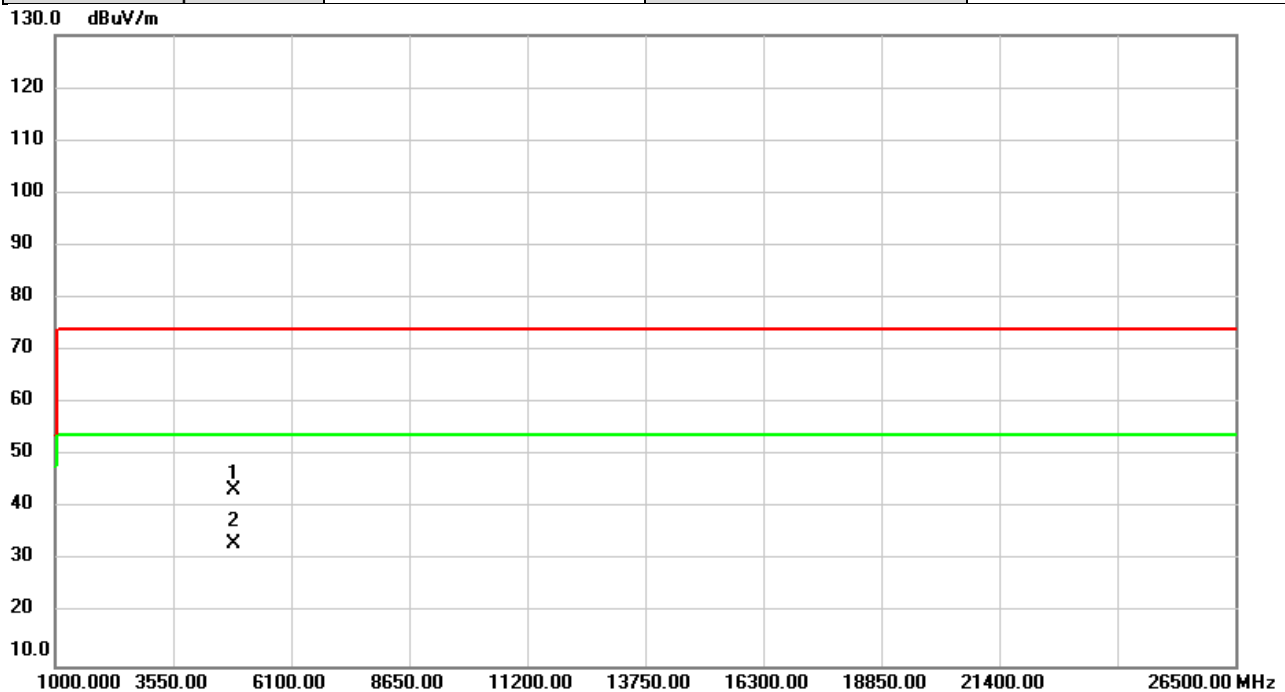


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	53.76	-9.78	43.98	74.00	-30.02	peak	
2	*	4874.000	41.58	-9.78	31.80	54.00	-22.20	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2437MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

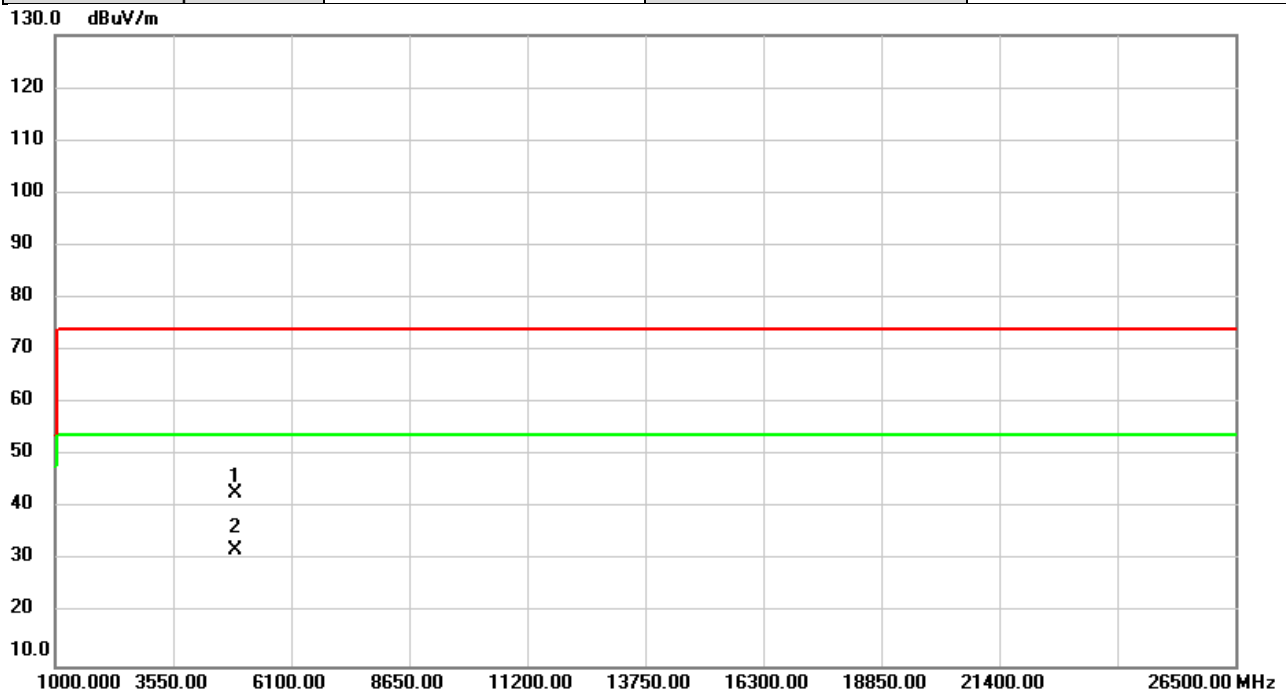


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	53.30	-9.78	43.52	74.00	-30.48	peak	
2	*	4874.000	43.16	-9.78	33.38	54.00	-20.62	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2452MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

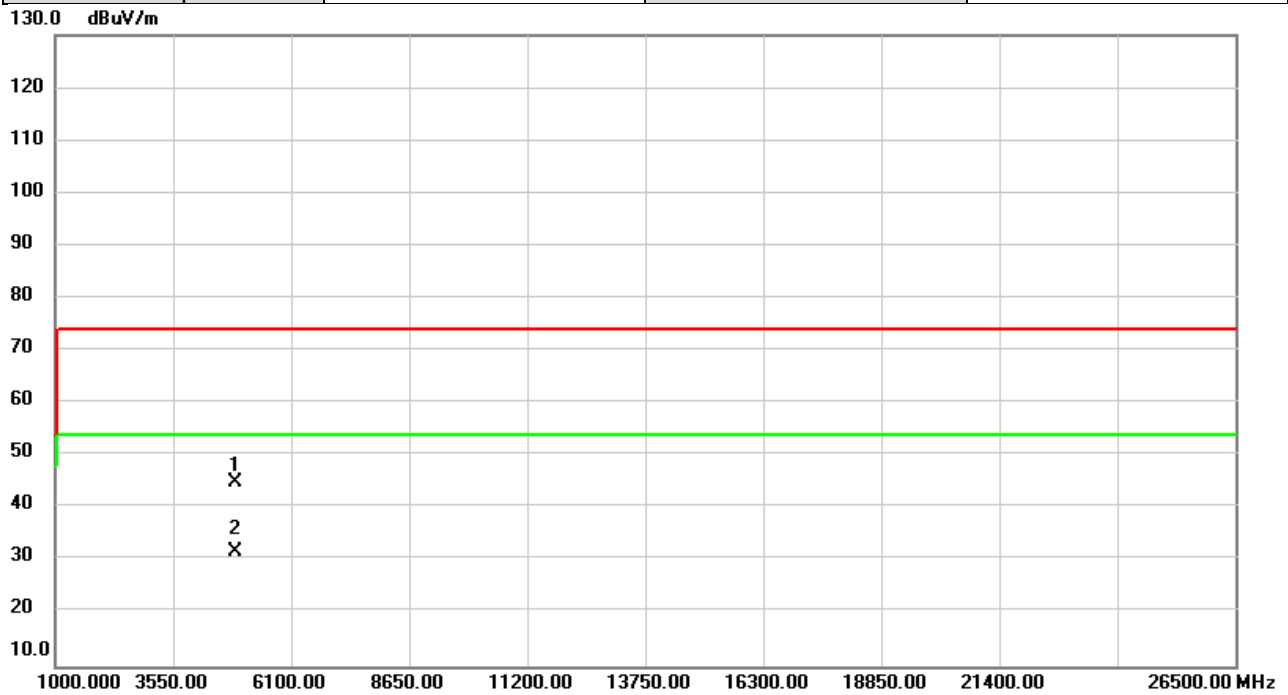


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	52.45	-9.74	42.71	74.00	-31.29	peak	
2	*	4904.000	41.67	-9.74	31.93	54.00	-22.07	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2452MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

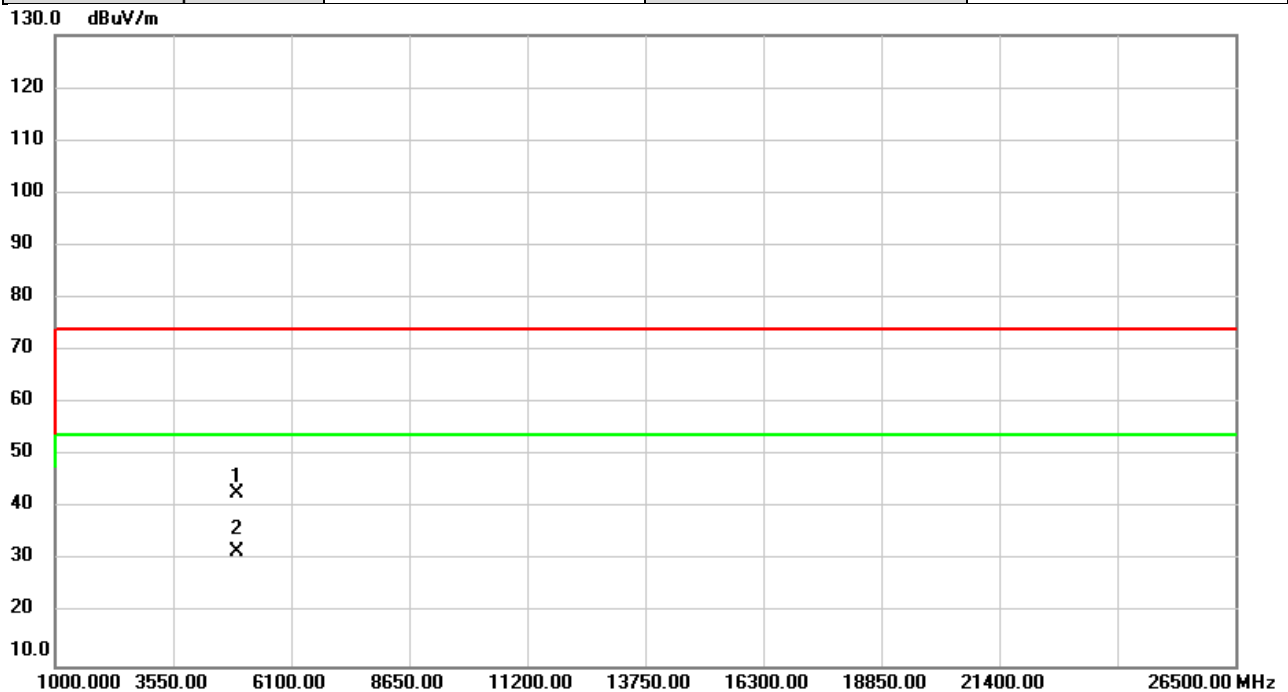


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4904.000	54.76	-9.74	45.02	74.00	-28.98	peak	
2	*	4904.000	41.63	-9.74	31.89	54.00	-22.11	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2457MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

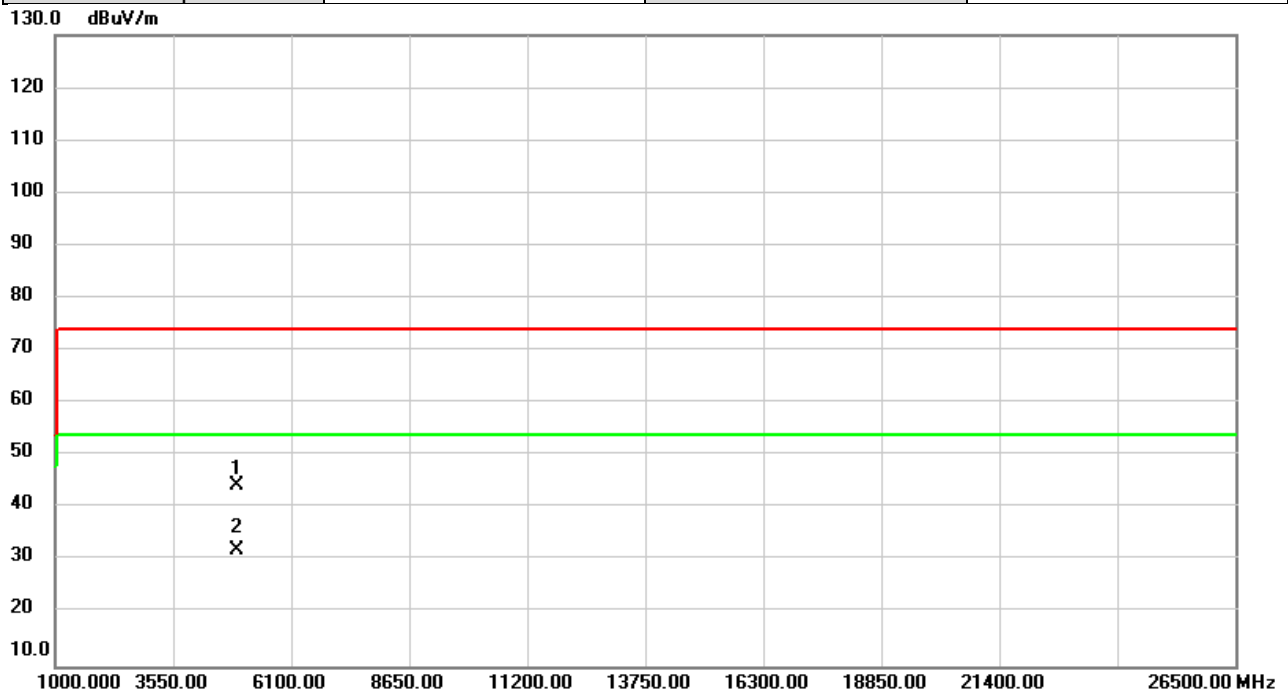


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	4914.000	52.58	-9.73	42.85	74.00	-31.15	peak	
2		4914.000	41.45	-9.73	31.72	54.00	-22.28	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2457MHz	Polarization	Horizontal
Temp	22°C	Hum.	65%

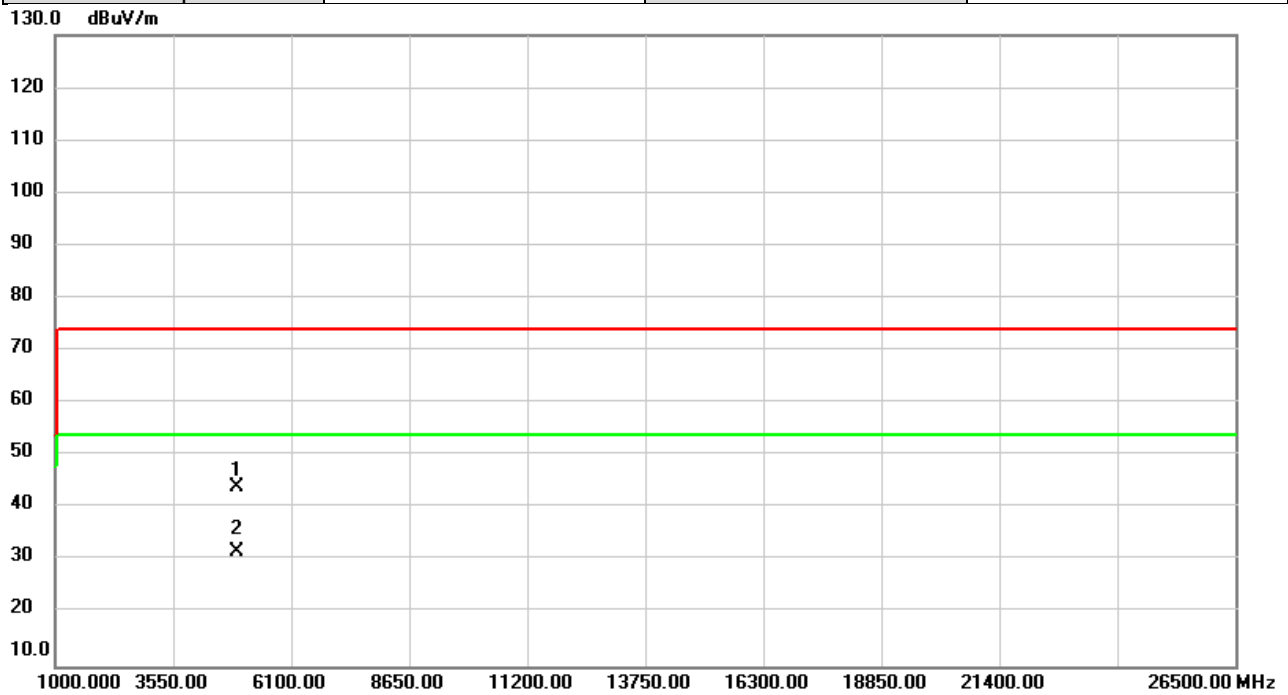


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4914.000	54.19	-9.73	44.46	74.00	-29.54	peak	
2	*	4914.000	41.67	-9.73	31.94	54.00	-22.06	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Vertical
Temp	22°C	Hum.	65%

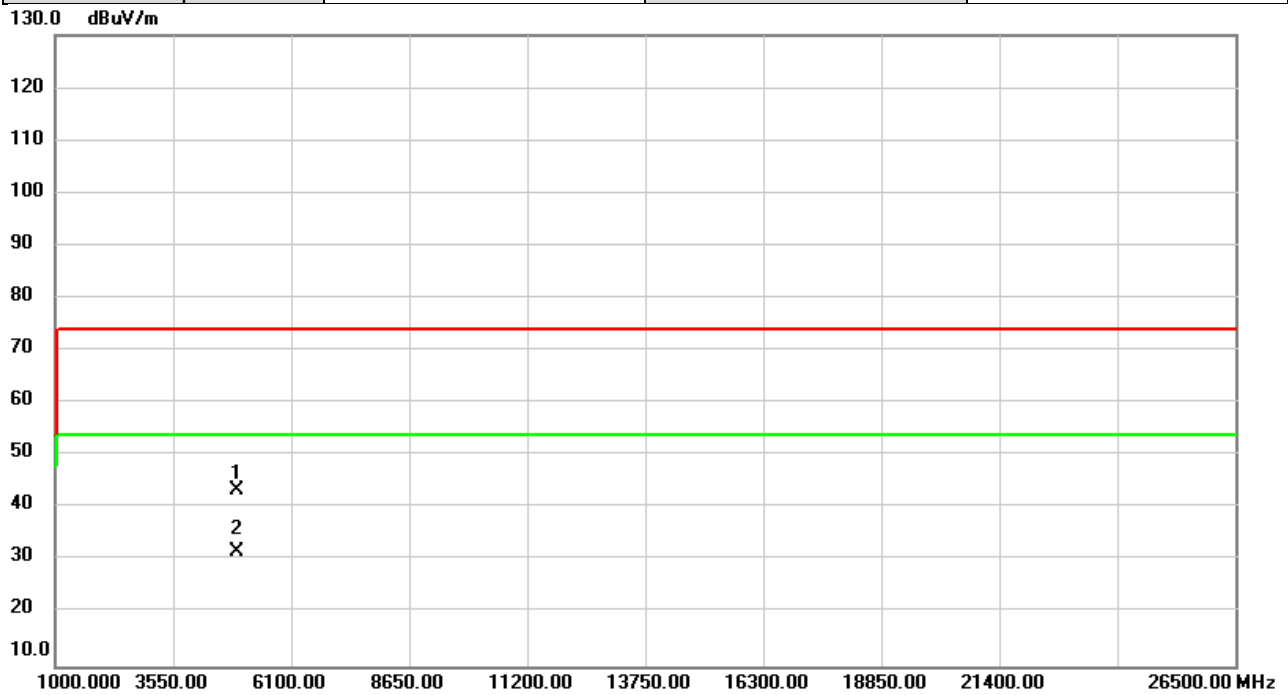


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	53.75	-9.72	44.03	74.00	-29.97	peak	
2	*	4924.000	41.49	-9.72	31.77	54.00	-22.23	AVG	

REMARKS:

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

Test Mode	IEEE802.11ac (VHT40)	Test Date	2021/11/1
Test Frequency	2462MHz	Polarization	Horizontal
Temp	22°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	53.03	-9.72	43.31	74.00	-30.69	peak	
2	*	4924.000	41.49	-9.72	31.77	54.00	-22.23	AVG	

REMARKS:

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

APPENDIX D OUTPUT POWER

Test Mode	IEEE 802.11b_Main	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.20	0.0832	30.00	1.0000	Complies
2437	18.44	0.0698	30.00	1.0000	Complies
2462	19.23	0.0838	30.00	1.0000	Complies
2467	16.83	0.0482	30.00	1.0000	Complies
2472	11.93	0.0156	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Aux	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	19.30	0.0851	30.00	1.0000	Complies
2437	19.27	0.0845	30.00	1.0000	Complies
2462	18.81	0.0760	30.00	1.0000	Complies
2467	16.54	0.0451	30.00	1.0000	Complies
2472	11.81	0.0152	30.00	1.0000	Complies

Test Mode	IEEE 802.11b_Total	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	22.26	0.1683	30.00	1.0000	Complies
2437	21.89	0.1544	30.00	1.0000	Complies
2462	22.04	0.1598	30.00	1.0000	Complies
2467	19.70	0.0933	30.00	1.0000	Complies
2472	14.88	0.0308	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Main	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.54	0.2844	30.00	1.0000	Complies
2437	25.38	0.3451	30.00	1.0000	Complies
2462	24.95	0.3126	30.00	1.0000	Complies
2467	20.95	0.1245	30.00	1.0000	Complies
2472	17.76	0.0597	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Aux	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	24.27	0.2673	30.00	1.0000	Complies
2437	24.45	0.2786	30.00	1.0000	Complies
2462	24.12	0.2582	30.00	1.0000	Complies
2467	19.89	0.0975	30.00	1.0000	Complies
2472	17.88	0.0614	30.00	1.0000	Complies

Test Mode	IEEE 802.11g_Total	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	27.42	0.5517	30.00	1.0000	Complies
2437	27.95	0.6238	30.00	1.0000	Complies
2462	27.57	0.5708	30.00	1.0000	Complies
2467	23.46	0.2220	30.00	1.0000	Complies
2472	20.83	0.1211	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Main	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.40	0.2188	30.00	1.0000	Complies
2437	25.18	0.3296	30.00	1.0000	Complies
2462	22.90	0.1950	30.00	1.0000	Complies
2467	20.21	0.1050	30.00	1.0000	Complies
2472	17.41	0.0551	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Aux	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.31	0.2143	30.00	1.0000	Complies
2437	24.29	0.2685	30.00	1.0000	Complies
2462	23.04	0.2014	30.00	1.0000	Complies
2467	20.44	0.1107	30.00	1.0000	Complies
2472	17.29	0.0536	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	26.37	0.4331	30.00	1.0000	Complies
2437	27.77	0.5981	30.00	1.0000	Complies
2462	25.98	0.3964	30.00	1.0000	Complies
2467	25.72	0.3735	30.00	1.0000	Complies
2472	20.36	0.1087	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Main	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	19.77	0.0948	30.00	1.0000	Complies
2437	24.19	0.2624	30.00	1.0000	Complies
2452	16.92	0.0492	30.00	1.0000	Complies
2457	19.86	0.0968	30.00	1.0000	Complies
2462	16.32	0.0429	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Aux	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	19.10	0.0813	30.00	1.0000	Complies
2437	24.07	0.2553	30.00	1.0000	Complies
2452	17.11	0.0514	30.00	1.0000	Complies
2457	19.52	0.0895	30.00	1.0000	Complies
2462	16.06	0.0404	30.00	1.0000	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	22.46	0.1761	30.00	1.0000	Complies
2437	27.14	0.5177	30.00	1.0000	Complies
2452	20.03	0.1006	30.00	1.0000	Complies
2457	22.70	0.1864	30.00	1.0000	Complies
2462	19.20	0.0832	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Main	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.65	0.2317	30.00	1.0000	Complies
2437	25.55	0.3589	30.00	1.0000	Complies
2462	23.22	0.2099	30.00	1.0000	Complies
2467	20.64	0.1159	30.00	1.0000	Complies
2472	17.77	0.0598	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Aux	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	23.65	0.2317	30.00	1.0000	Complies
2437	24.63	0.2904	30.00	1.0000	Complies
2462	23.29	0.2133	30.00	1.0000	Complies
2467	20.73	0.1183	30.00	1.0000	Complies
2472	17.65	0.0582	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT20)_Total	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2412	26.66	0.4635	30.00	1.0000	Complies
2437	28.12	0.6493	30.00	1.0000	Complies
2462	26.27	0.4232	30.00	1.0000	Complies
2467	23.70	0.2342	30.00	1.0000	Complies
2472	20.72	0.1181	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Main	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	20.19	0.1045	30.00	1.0000	Complies
2437	24.55	0.2851	30.00	1.0000	Complies
2452	17.29	0.0536	30.00	1.0000	Complies
2457	20.10	0.1023	30.00	1.0000	Complies
2462	16.63	0.0460	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Aux	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	19.36	0.0863	30.00	1.0000	Complies
2437	24.37	0.2735	30.00	1.0000	Complies
2452	17.47	0.0558	30.00	1.0000	Complies
2457	19.89	0.0975	30.00	1.0000	Complies
2462	16.37	0.0434	30.00	1.0000	Complies

Test Mode	IEEE 802.11ac (VHT40)_Total	Tested Date	2021/11/3
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Limit (dBm)	Limit (W)	Result
2422	22.81	0.1908	30.00	1.0000	Complies
2437	27.47	0.5586	30.00	1.0000	Complies
2452	20.39	0.1094	30.00	1.0000	Complies
2457	23.01	0.1998	30.00	1.0000	Complies
2462	19.51	0.0894	30.00	1.0000	Complies

End of Test Report