FCC Radio Test Report

FCC ID: O57C640RTL8852

Project No.	:	2007T046B
Equipment	:	Notebook Computer
Brand Name	:	Lenovo
Test Model	:	Yoga 6 13ARE05
Series Model	:	Yoga 6 13ARE05********, Yoga 6 13ALC6, Yoga 6 13ALC6******** (*=0~9, A~z, "_" or blank)
Applicant	:	Lenovo (Shanghai) Electronics Technology Co., Ltd.
Address	:	Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone
Manufacturer	:	Lenovo PC HK Limited
Address	:	23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, P.R.China
Date of Receipt	:	Apr. 13, 2021
Date of Test	:	Apr. 13, 2021 ~ May 04, 2021
Issued Date	:	May 12, 2021
Report Version	:	R00
Standard(s)	:	FCC Part15, Subpart C (15.247) ANSI C63.10-2013 FCC KDB 558074 D01 15.247 Meas Guidance v05r02

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

Prepared by : Welly Zhou

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Certificate #5123.02

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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.

Table of Contents   Page

REVISON HISTORY

Report No.	Version	Description	Issued Date
BTL-FCCP-3-2007T046	R00	Original Report.	Aug. 28, 2020
BTL-FCCP-3-2007T046A	R00	1. Added Series models. 2. Added CPU. 3. Added a new appearance without cover. 4. Changed adapter.	Mar. 23, 2021
BTL-FCCP-3-2007T046B	R00	1. Added Realtek / RTL8852AE module card. 2. Added adapter * 2.	May 12, 2021

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart C (15.247)				
Standard(s) Section	**Test Item**	**Test Result**	**Judgment**	**Remark**
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	------
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C	PASS	------

Note:
(1) "N/A" denotes test is not applicable to this device.
(2) This is to request a Class II permissive change for FCC ID: O57C640RTL8852.

   This FCC ID: O57C640RTL8852 is change ID based Realtek Semiconductor Corp., the original application information follow as model: RTL8852AE, FCC ID: TX2-RTL8852AE, approved on 10/16/2020)

   Thus, only conducted emissions and radiated spurious emissions were evaluated and recorded in this report. For the test results of all other test items please refer to module test report as below table:

RF Module model	Report Number	Module Function
RTL8852AE	RF200522E04	WLAN 2.4G
RTL8852AE	RF200522E04-1	RLAN 5G Band 1~4
RTL8852AE	RF200522E04-2	Bluetooth EDR
RTL8852AE	RF200522E04-3	Bluetooth LE

(3) Based on the RF module the antennas for this Notebook Computer were updated as below table:

Antenna Information			
Antenna 1 (WLAN combo)	Manufacturer	AWAN	
	Antenna Type	Main: PIFA Antenna	Aux: PIFA Antenna
	Part number	AUF6Y-100025 (DC33002GC00)	AUF6Y-100026 (DC33002GC10)
	Peak gain	Main Antenna : WLAN(2.4G):1.14dBi WLAN(5G B1-3):-1.73dBi WLAN(5G B4):-2.83dBi	Aux Antenna : WLAN(2.4G):-1.53dBi WLAN(5G B1-3):-2.43dBi WLAN(5G B4):-1.54dBi

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

1.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))
The BTL measurement uncertainty as below table:

A.   AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.60

B.   Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	V	3.79
		9kHz ~ 30MHz	H	3.57
		30MHz ~ 200MHz	V	4.88
		30MHz ~ 200MHz	H	4.14
		200MHz ~ 1,000MHz	V	4.62
		200MHz ~ 1,000MHz	H	4.80
		1GHz ~ 6GHz	-	4.58
		6GHz ~ 18GHz	-	5.18
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

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	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	24°C	73%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-30 MHz to 1GHz	26°C	52%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-Above 1000 MHz	26°C	52%	AC 120V/60Hz	Kwok Guo

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Notebook Computer
Brand Name	Lenovo
Test Model	Yoga 6 13ARE05
Series Model	Yoga 6 13ARE05********, Yoga 6 13ALC6, Yoga 6 13ALC6******** (*=0~9, A~z, "_" or blank)
Model Difference(s)	Differ in marketing purpose.
Hardware Version	LA-K211P
Software Version	19041.329
RF Module Model	RTL8852AE
EUT Power Rating	20Vdc 2.25A
Power Adapter Power Rating	1. Brand: Acbel (Lenovo) M/N: ADLX45YAC3D I/P: 100-240V~1.2A 50-60Hz O/P: 20.0Vdc 2.25A 45.0W/15.0Vdc 3.0A/9.0Vdc 2.0A/5.0Vdc 2.0A 10.0W 2. Brand: Chicony (Lenovo) M/N: ADLX45YCC3G I/P: 100-240V~1.3A 50-60Hz O/P: 20.0Vdc 2.25A 45.0W / 15Vdc 3A / 9Vdc 2A / 5.0Vdc 2.0A 10.0W 3. Brand: Delta (Lenovo) M/N: ADLX45YDC3D I/P: 100-240V~1.2A 50-60Hz O/P: 20.0Vdc 2.25A 45.0W / 15.0Vdc 3.0A / 9.0Vdc 2.0A / 5.0Vdc 2.0A 10.0W
Power Adapter	1. Acbel (Lenovo) / ADLX45YAC3D 2. Chicony (Lenovo) / ADLX45YCC3G 3. Delta (Lenovo) / ADLX45YDC3D
Operation Frequency	2412 MHz ~ 2472 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 150 Mbps IEEE 802.11ax: up to 433.3 Mbps
Maximum Output Power (Reference module report)	IEEE 802.11ax (HEW20): 25.18 dBm (0.32961 W)

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. This is a supplement report of BTL-FCCP-3-2007T046, BTL-FCCP-3-2007T046A report. The differences compared with original report are
   a. Added Realtek / RTL8852AE module card.
   b. Added adapter * 2.
   After evaluated, the changes with respect to the original one, all tests need to re-test.

3. 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		

2.2 DESCRIPTION OF TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11b	06	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/11/12/13	Bandedge
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20) TX Mode_IEEE 802.11ax (HEW20)		
	TX Mode_IEEE 802.11n (HT40) TX Mode_IEEE 802.11ax (HEW40)	03/09/10/11	
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11b	01/06/11/12/13	Harmonic
	TX Mode_IEEE 802.11g		
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (HT40)	03/06/09/10/11	

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

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED
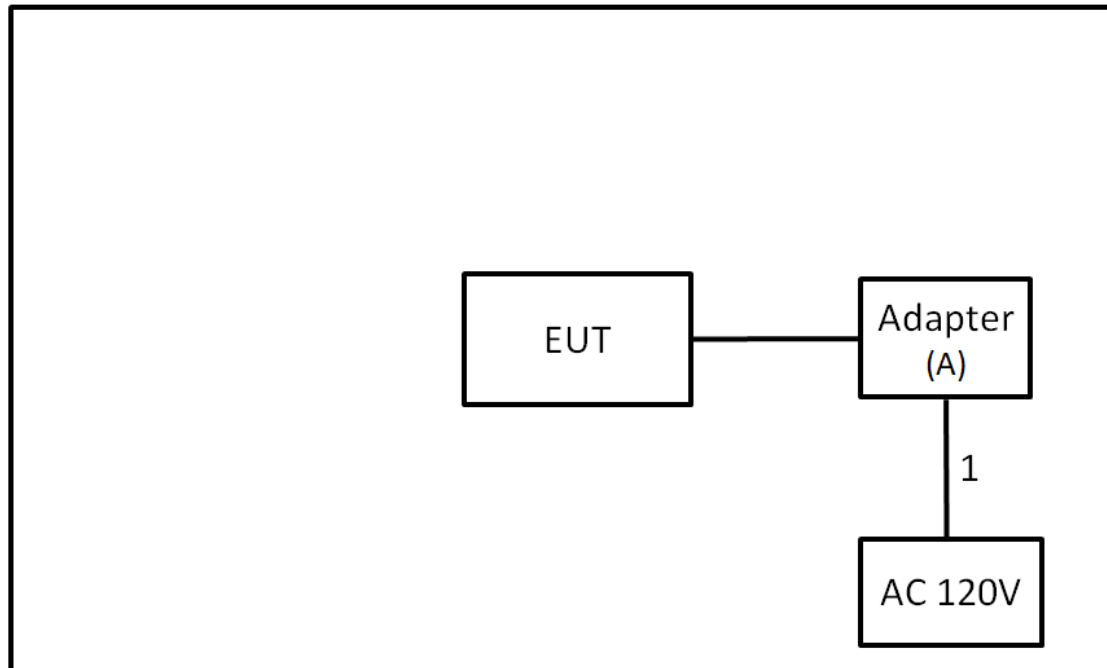
2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Adapter	Delta	ADLX45YDC3D	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	Power Cable	NO	NO	0.9m

3. AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency of Emission (MHz)	Limit (dBµV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 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.

The following table is the setting of the receiver

| Receiver Parameters	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 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling 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 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.3 DEVIATION FROM TEST STANDARD
No deviation

3.4 TEST SETUP

Vertical Reference Ground Plane

40 cm

EUT

Test Receiver

80 cm

LISN

Horizontal Reference Ground Plane
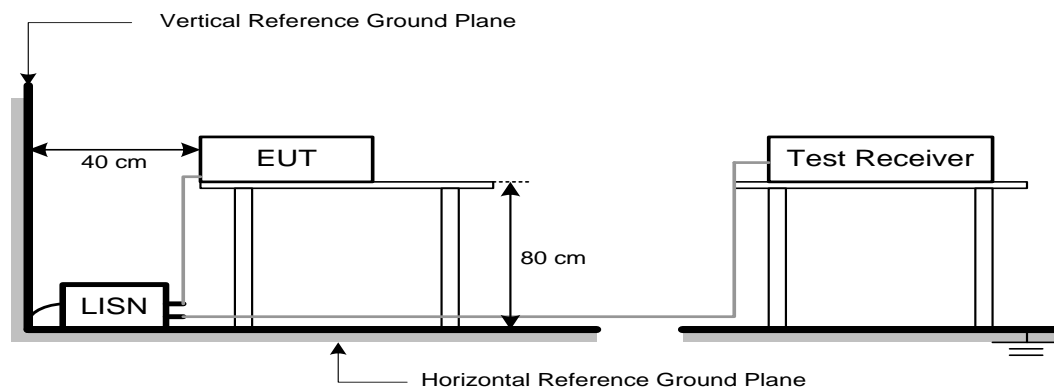
3.5 EUT OPERATION CONDITIONS
 EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULTS
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(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-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
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Band edge/ Harmonic at 3m (dBµV/m)		Harmonic at 1.5m (dBµV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	80 (Note 5)	60(Note 5)

NOTE:

(1) The limit for radiated test was performed according to FCC PART 15C.

(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

(5)

$$FS_{\text{limit}} = FS_{\max} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

20log d limit/d measure=20log 3/1.5=6 dB.

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

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

4.2 TEST PROCEDURE

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

b. The measuring distance of 3 m or 1.5m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)

c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).

e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.

f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)

h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)

i. For the actual test configuration, please refer to the related Item -EUT Test Photos.
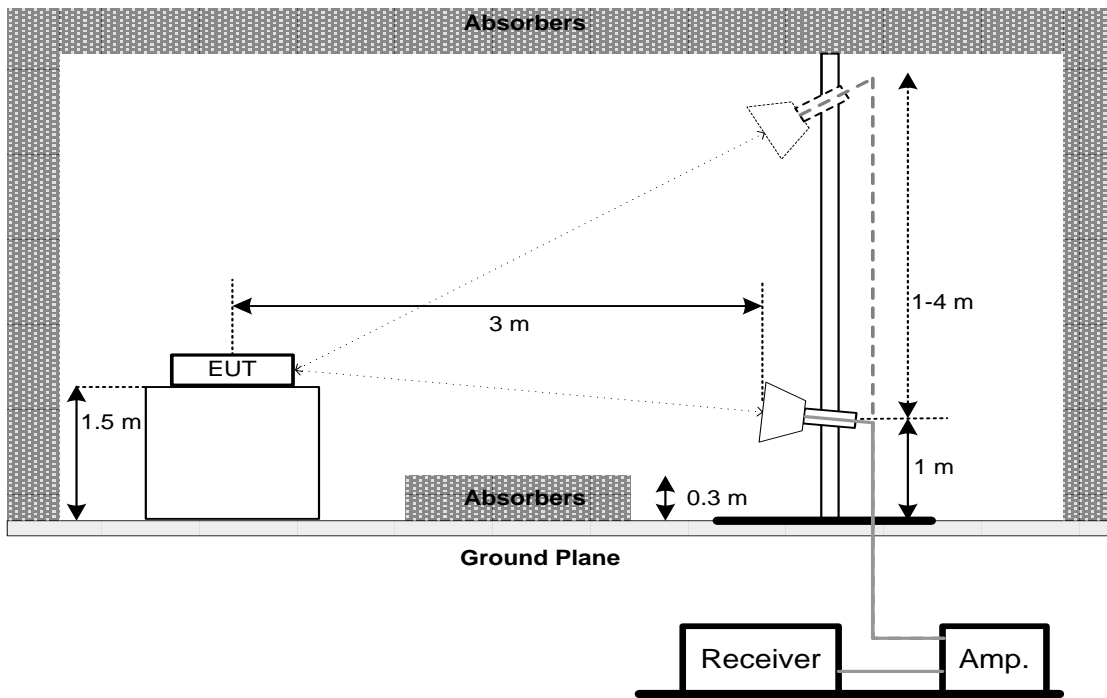
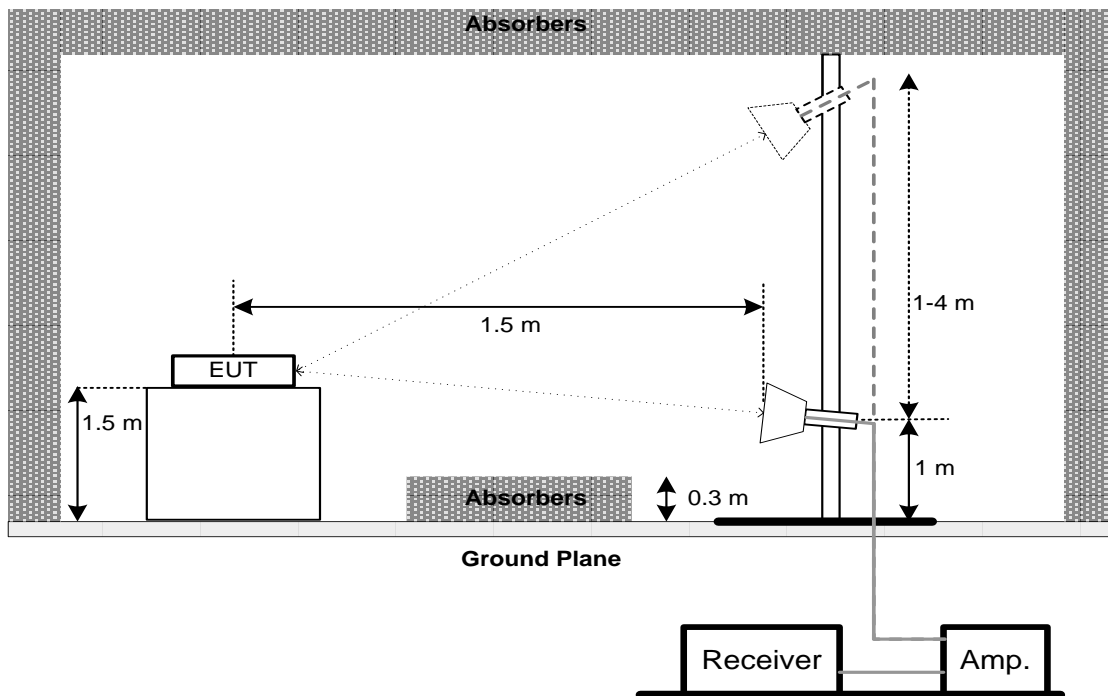## 4.3 DEVIATION FROM TEST STANDARD

No deviation

4.4 TEST SETUP

9 kHz-30 MHz
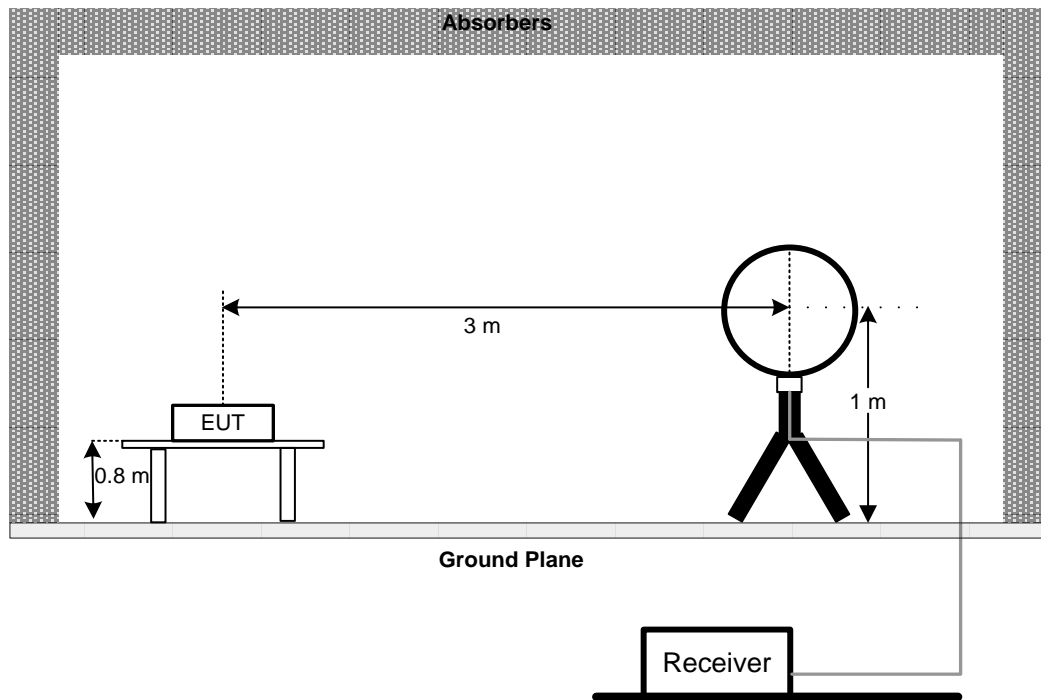
30 MHz to 1 GHz
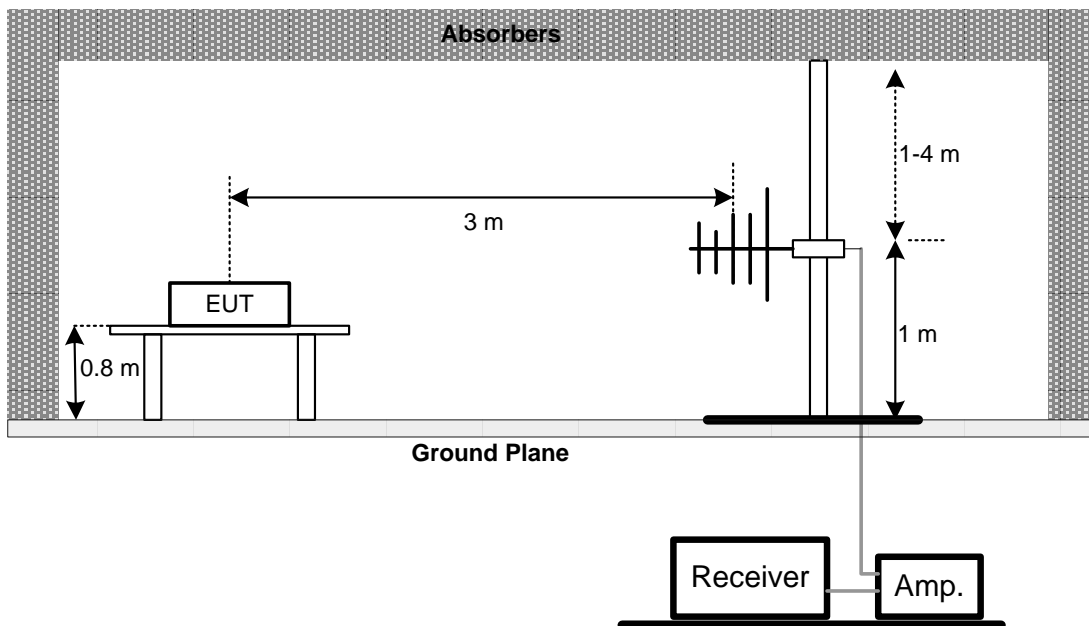
Above 1 GHz
Band edge
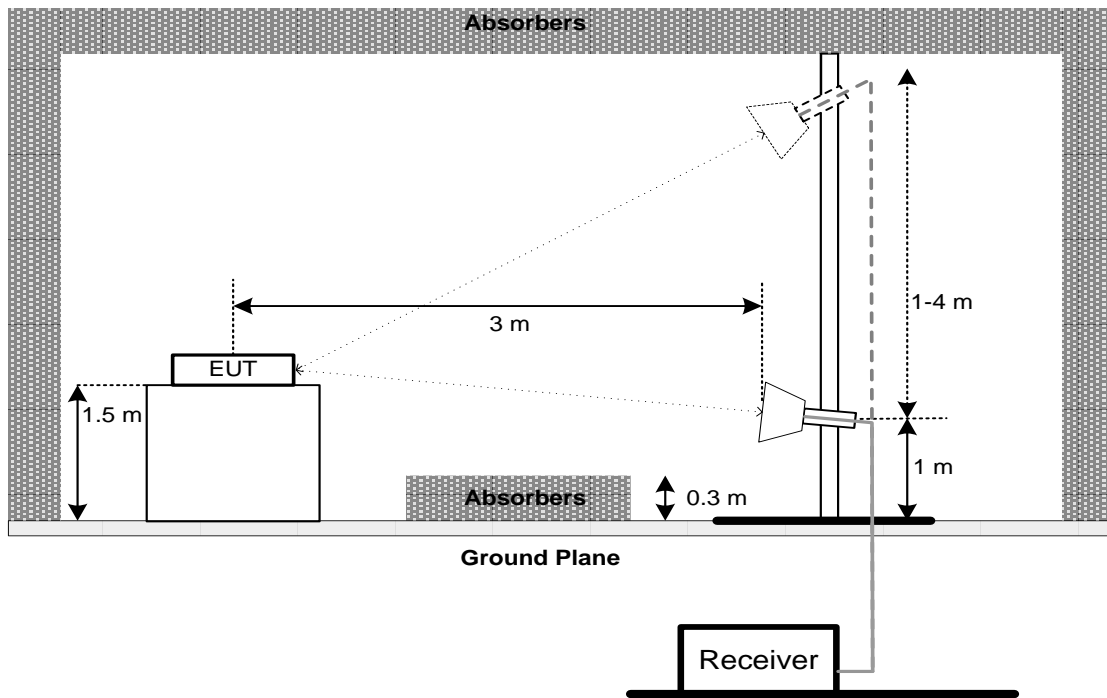
Harmonic (1 GHz to 18 GHz)

Harmonic (Above 18 GHz)

4.5 EUT OPERATION CONDITIONS
The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS - 30 MHZ TO 1000 MHZ
Please refer to the APPENDIX B.

4.7 TEST RESULTS - ABOVE 1000 MHZ
Please refer to the APPENDIX C.

Remark:

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

5. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Feb. 28, 2022
2	LISN	EMCO	3816/2	52765	Feb. 27, 2022
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 27, 2022
4	50Ω Terminator	SHX	TF5-3	15041305	Feb. 27, 2022
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 09, 2022
7	643 Shield Room	ETS	6*4*3m	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 15, 2022
2*	Amplifier	HP	8447D	2944A08742	Feb. 28, 2022
3	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 22, 2021
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

| Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	May 12, 2021
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jul. 07, 2021
3	Amplifier	Agilent	8449B	3008A02584	Jul. 25, 2021
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Feb. 28, 2022
5	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	N/A	EMC104-SM-SM-6 000	N/A	Oct. 16, 2021
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Filter	STI	STI15-9912	N/A	Jul. 25, 2021
11	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Remark: "N/A" denotes no model name, serial no. or calibration specified.

"*" calibration period of equipment list is three year.

Except * item, all calibration period of equipment list is one year.

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS
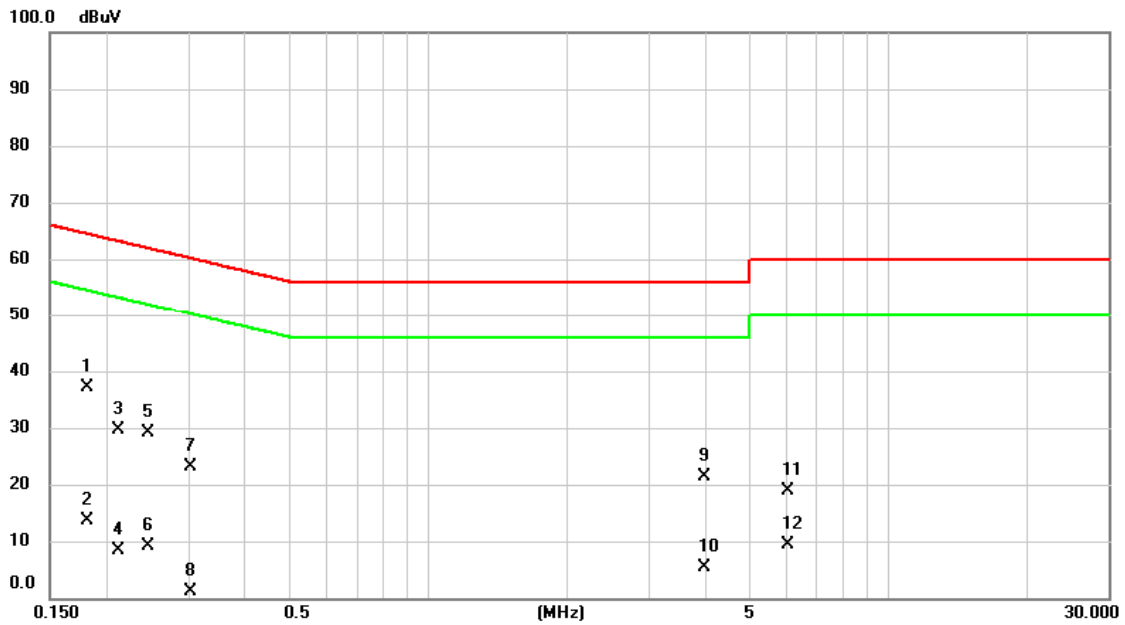
Test Mode	Normal		Tested Date	2021/4/28
Test Frequency	-		Phase	Line
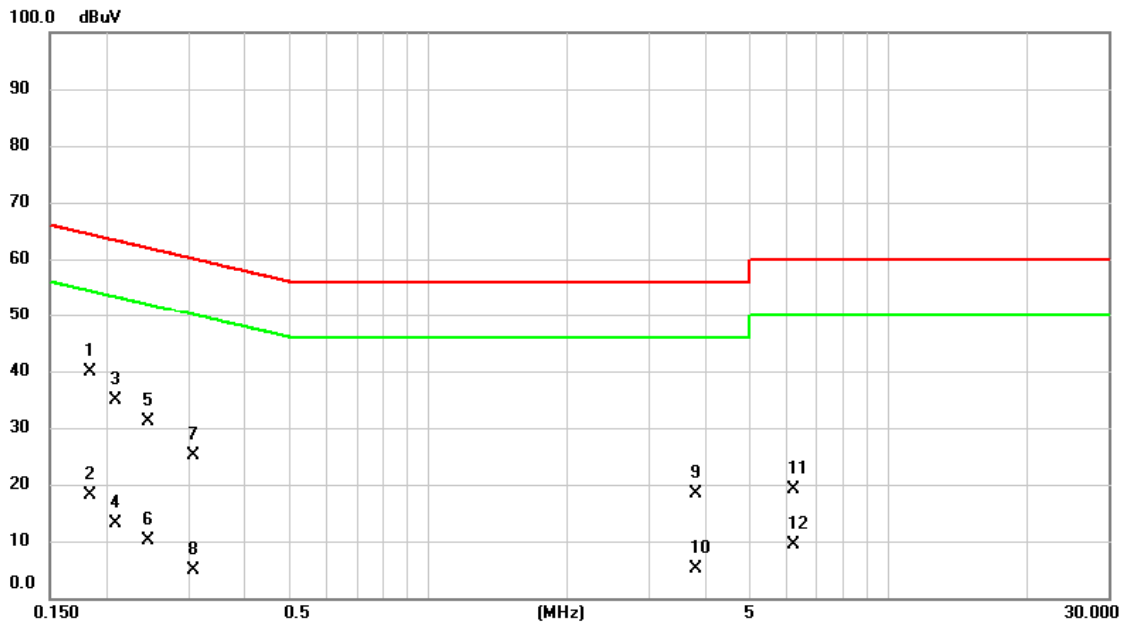
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1836	39.82	0.01	39.83	64.32	-24.49	QP	
2		0.1836	18.04	0.01	18.05	54.32	-36.27	AVG	
3		0.2085	34.94	0.01	34.95	63.26	-28.31	QP	
4		0.2085	13.22	0.01	13.23	53.26	-40.03	AVG	
5		0.2445	31.07	0.02	31.09	61.94	-30.85	QP	
6		0.2445	10.07	0.02	10.09	51.94	-41.85	AVG	
7		0.3074	25.16	0.03	25.19	60.04	-34.85	QP	
8		0.3074	4.83	0.03	4.86	50.04	-45.18	AVG	
9		3.7995	18.31	0.11	18.42	56.00	-37.58	QP	
10		3.7995	4.93	0.11	5.04	46.00	-40.96	AVG	
11		6.2452	18.86	0.16	19.02	60.00	-40.98	QP	
12		6.2452	9.11	0.16	9.27	50.00	-40.73	AVG	

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

Test Mode	Normal		Tested Date	2021/4/28
Test Frequency	-		Phase	Neutral

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1815	37.13	0.01	37.14	64.42	-27.28	QP	
2		0.1815	13.74	0.01	13.75	54.42	-40.67	AVG	
3		0.2108	29.71	0.01	29.72	63.17	-33.45	QP	
4		0.2108	8.31	0.01	8.32	53.17	-44.85	AVG	
5		0.2445	29.16	0.02	29.18	61.94	-32.76	QP	
6		0.2445	9.16	0.02	9.18	51.94	-42.76	AVG	
7		0.3030	23.16	0.03	23.19	60.16	-36.97	QP	
8		0.3030	1.04	0.03	1.07	50.16	-49.09	AVG	
9		3.9660	21.35	0.11	21.46	56.00	-34.54	QP	
10		3.9660	5.21	0.11	5.32	46.00	-40.68	AVG	
11		6.0450	18.64	0.15	18.79	60.00	-41.21	QP	
12		6.0450	9.19	0.15	9.34	50.00	-40.66	AVG	

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

Test Mode	Idle		Tested Date	2021/4/28
Test Frequency	-		Phase	Line
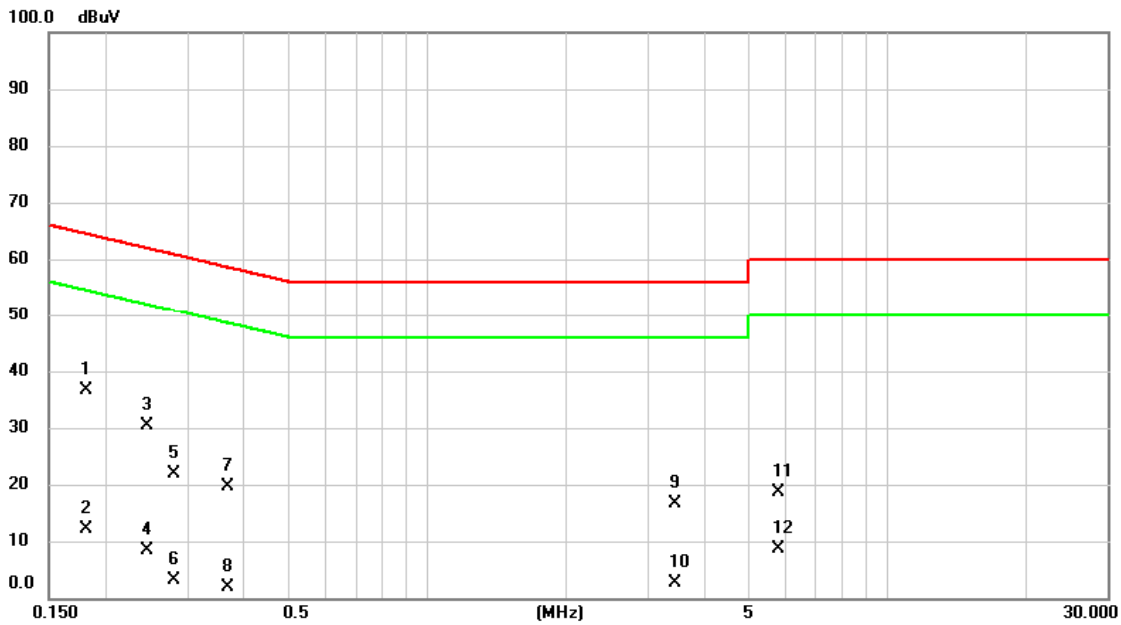
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1815	36.51	0.01	36.52	64.42	-27.90	QP	
2		0.1815	12.20	0.01	12.21	54.42	-42.21	AVG	
3		0.2445	30.27	0.02	30.29	61.94	-31.65	QP	
4		0.2445	8.42	0.02	8.44	51.94	-43.50	AVG	
5		0.2805	21.84	0.03	21.87	60.80	-38.93	QP	
6		0.2805	3.05	0.03	3.08	50.80	-47.72	AVG	
7		0.3682	19.68	0.03	19.71	58.54	-38.83	QP	
8		0.3682	1.81	0.03	1.84	48.54	-46.70	AVG	
9		3.4440	16.65	0.10	16.75	56.00	-39.25	QP	
10		3.4440	2.51	0.10	2.61	46.00	-43.39	AVG	
11		5.7862	18.56	0.15	18.71	60.00	-41.29	QP	
12		5.7862	8.51	0.15	8.66	50.00	-41.34	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.
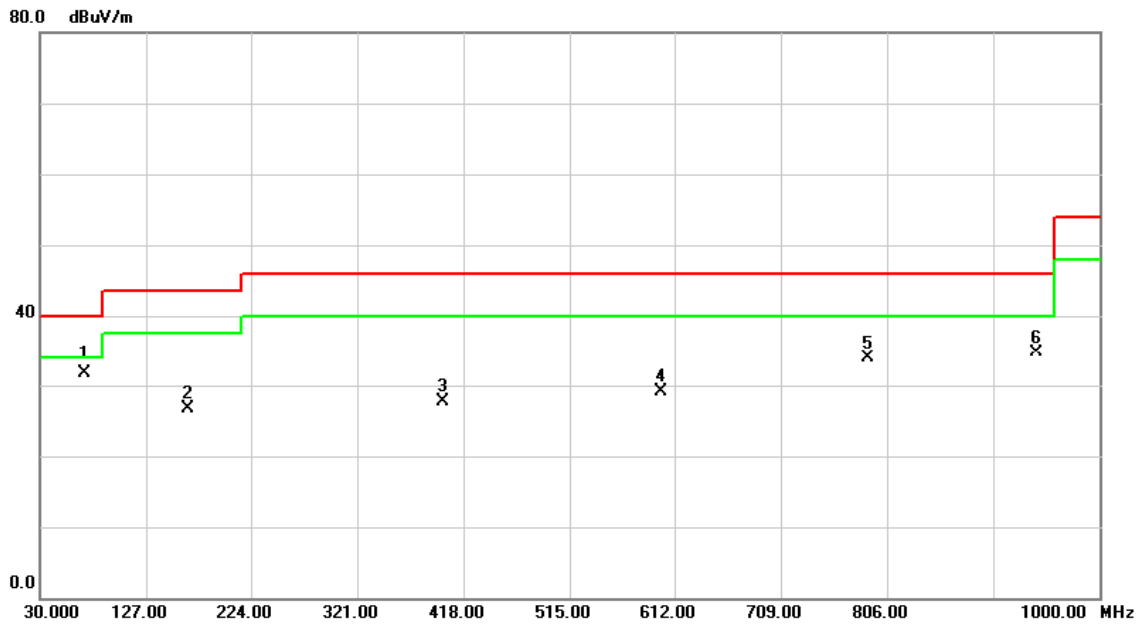
Test Mode	Idle		Tested Date	2021/4/28
Test Frequency	-		Phase	Neutral
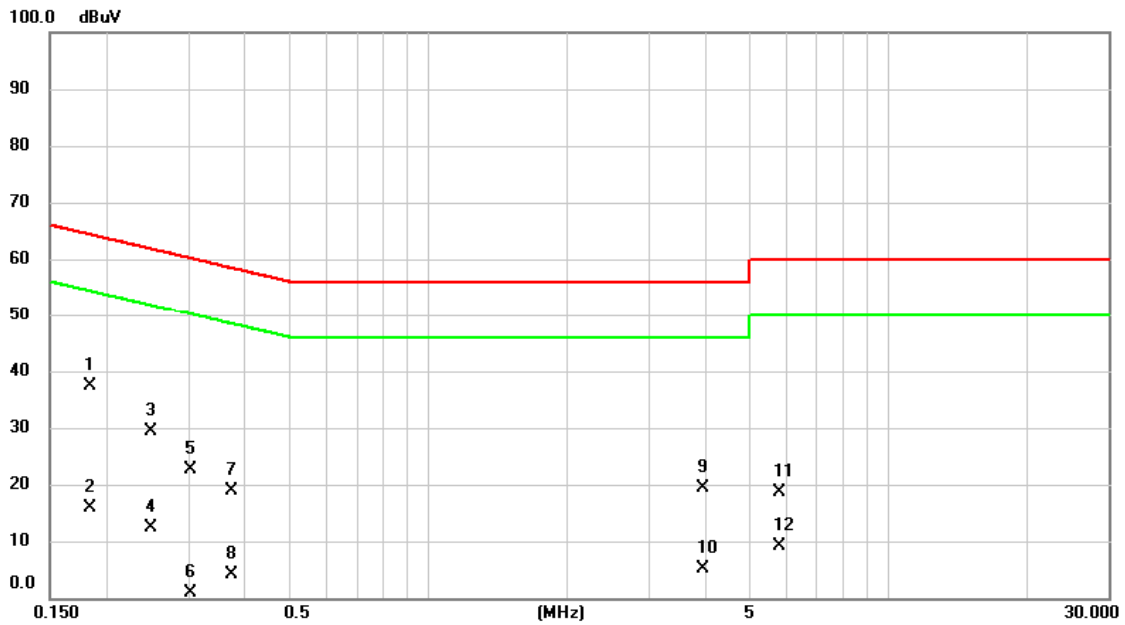
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1836	37.43	0.01	37.44	64.32	-26.88	QP	
2		0.1836	15.83	0.01	15.84	54.32	-38.48	AVG	
3		0.2490	29.28	0.02	29.30	61.79	-32.49	QP	
4		0.2490	12.27	0.02	12.29	51.79	-39.50	AVG	
5		0.3030	22.64	0.03	22.67	60.16	-37.49	QP	
6		0.3030	0.78	0.03	0.81	50.16	-49.35	AVG	
7		0.3750	18.94	0.03	18.97	58.39	-39.42	QP	
8		0.3750	4.11	0.03	4.14	48.39	-44.25	AVG	
9		3.9322	19.26	0.11	19.37	56.00	-36.63	QP	
10		3.9322	5.10	0.11	5.21	46.00	-40.79	AVG	
11		5.8132	18.36	0.15	18.51	60.00	-41.49	QP	
12		5.8132	8.89	0.15	9.04	50.00	-40.96	AVG	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	IEEE 802.11b	Test Date	2021/4/28
Test Frequency	CH06: 2437 MHz	Polarization	Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	70.740	48.14	-16.37	31.77	40.00	-8.23	QP	
2		166.770	39.30	-12.51	26.79	43.50	-16.71	peak	
3		399.570	36.52	-8.78	27.74	46.00	-18.26	peak	
4		599.390	33.64	-4.57	29.07	46.00	-16.93	peak	
5		788.540	34.88	-0.97	33.91	46.00	-12.09	peak	
6		942.770	33.17	1.58	34.75	46.00	-11.25	peak	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/28
Test Frequency	CH06: 2437 MHz	Polarization	Horizontal
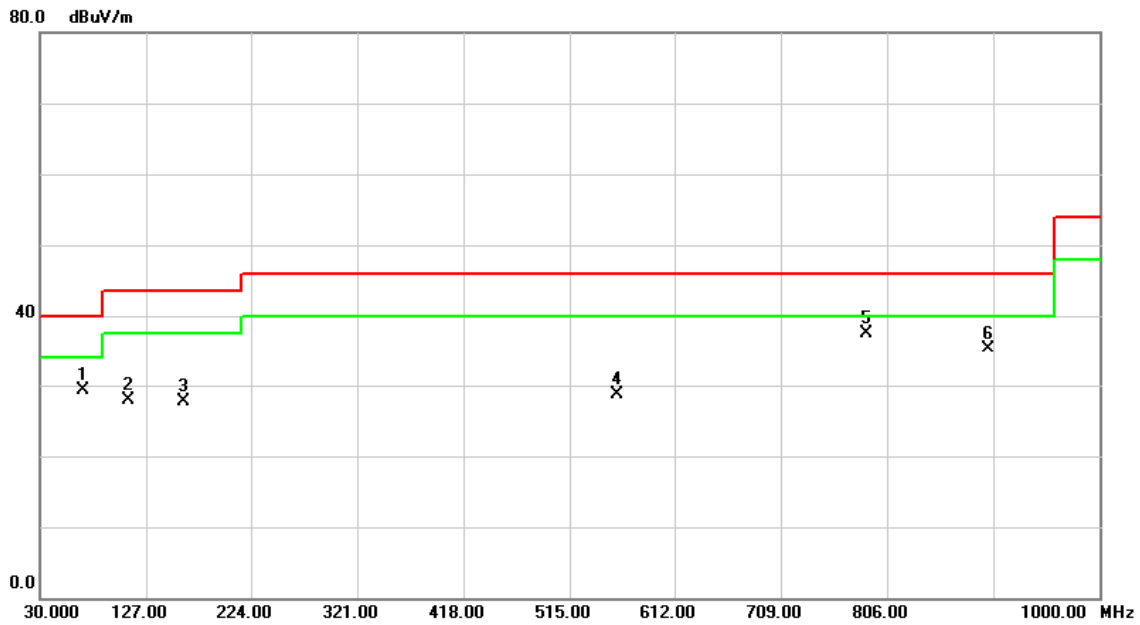
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		68.800	45.18	-15.97	29.21	40.00	-10.79	peak	
2		110.510	42.99	-15.00	27.99	43.50	-15.51	peak	
3		162.890	40.11	-12.44	27.67	43.50	-15.83	peak	
4		557.680	34.48	-5.70	28.78	46.00	-17.22	peak	
5	*	787.570	38.48	-0.99	37.49	46.00	-8.51	peak	
6		898.150	35.12	0.24	35.36	46.00	-10.64	peak	

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

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

Test Mode	IEEE 802.11b	Test Date	2021/4/22
Test Frequency	CH01: 2412 MHz	Polarization	Horizontal
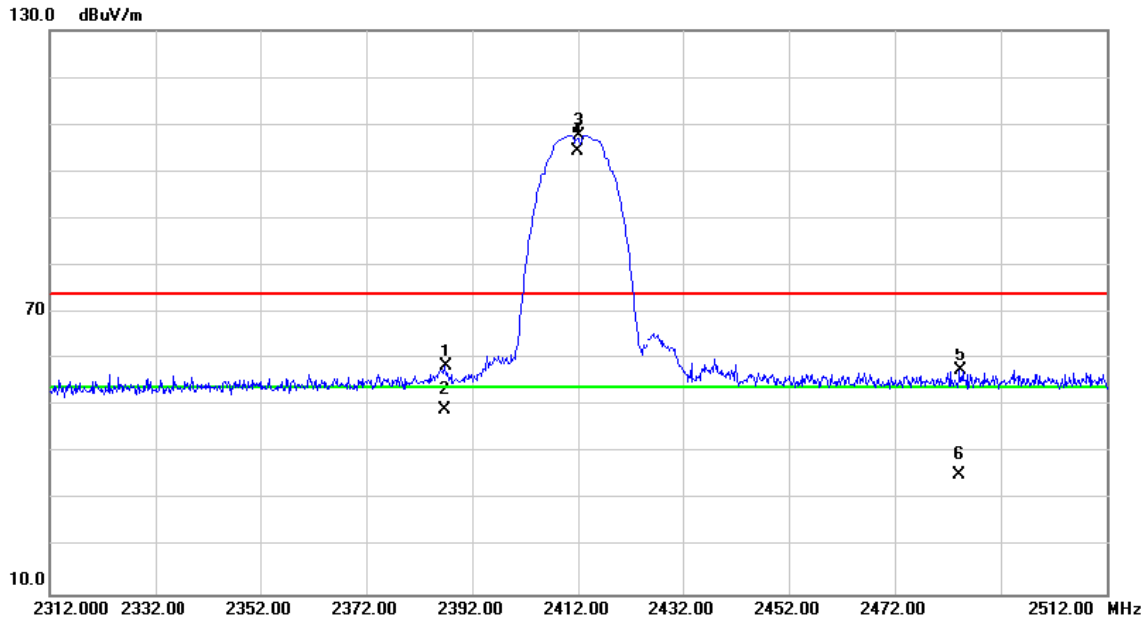
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2386.947	51.31	7.25	58.56	74.00	-15.44	peak	
2		2386.947	41.93	7.25	49.18	54.00	-4.82	AVG	
3	X	2412.000	100.40	7.26	107.66	74.00	33.66	peak	No Limit
4	*	2412.000	96.98	7.26	104.24	54.00	50.24	AVG	No Limit
5		2484.367	50.23	7.25	57.48	74.00	-16.52	peak	
6		2484.367	28.05	7.25	35.30	54.00	-18.70	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/22
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
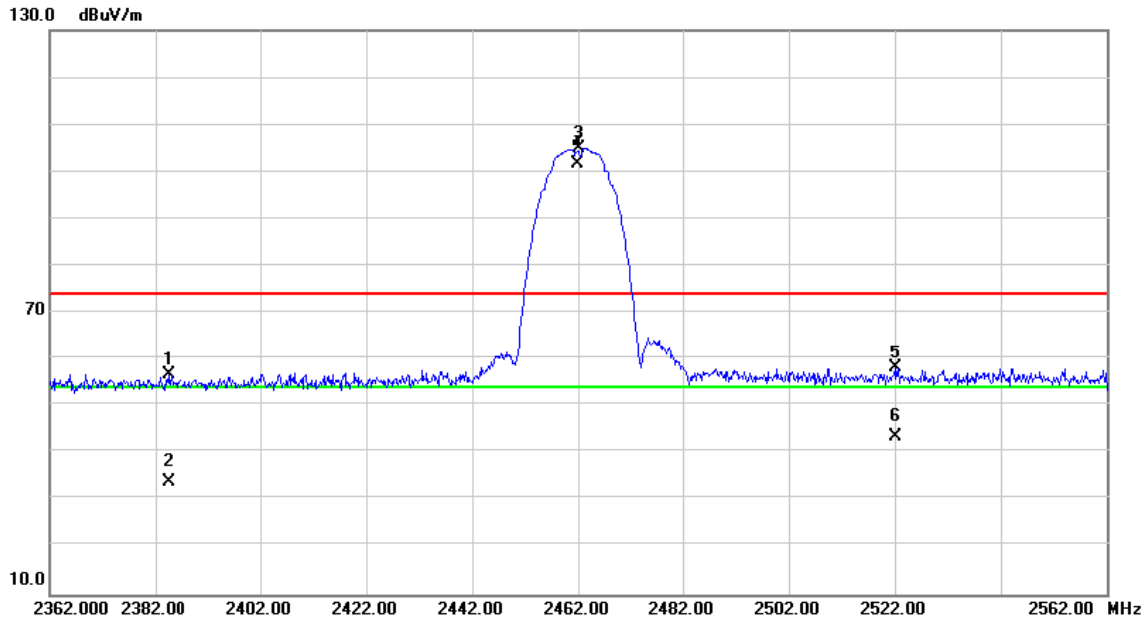
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2384.520	49.52	7.25	56.77	74.00	-17.23	peak	
2		2384.520	26.55	7.25	33.80	54.00	-20.20	AVG	
3	X	2462.000	97.68	7.25	104.93	74.00	30.93	peak	No Limit
4	*	2462.000	94.34	7.25	101.59	54.00	47.59	AVG	No Limit
5		2522.147	50.80	7.33	58.13	74.00	-15.87	peak	
6		2522.147	36.09	7.33	43.42	54.00	-10.58	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/22
Test Frequency	CH12: 2467 MHz	Polarization	Horizontal
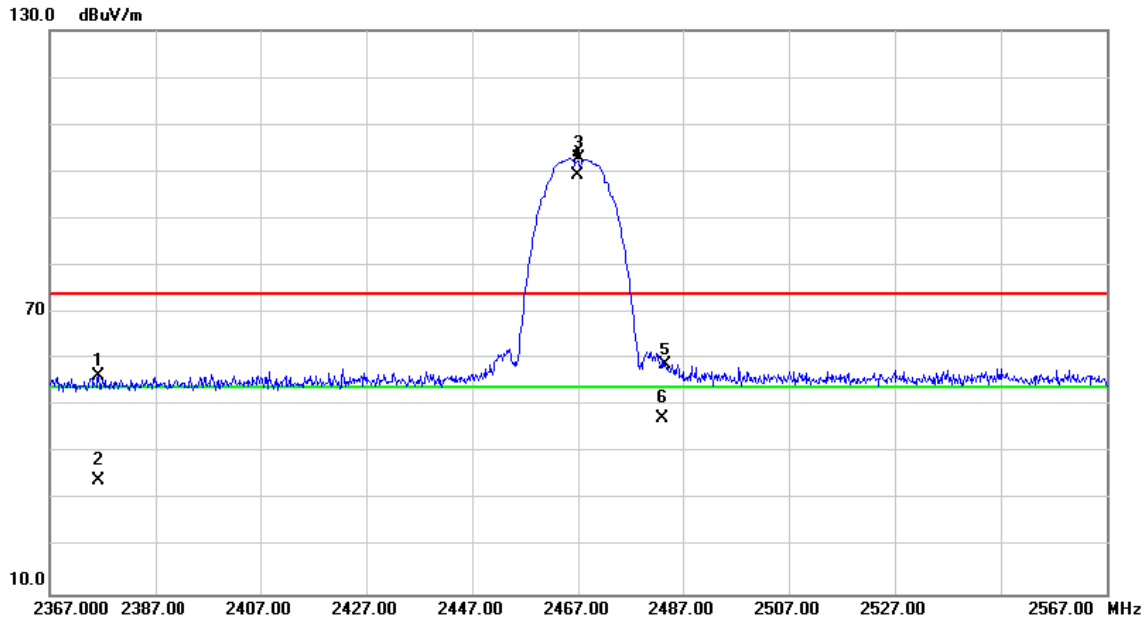
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2376.313	49.20	7.26	56.46	74.00	-17.54	peak	
2		2376.313	26.92	7.26	34.18	54.00	-19.82	AVG	
3	X	2467.000	95.47	7.25	102.72	74.00	28.72	peak	No Limit
4	*	2467.000	92.13	7.25	99.38	54.00	45.38	AVG	No Limit
5		2483.607	51.60	7.25	58.85	74.00	-15.15	peak	
6		2483.607	40.11	7.25	47.36	54.00	-6.64	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/22
Test Frequency	CH13: 2472 MHz	Polarization	Horizontal
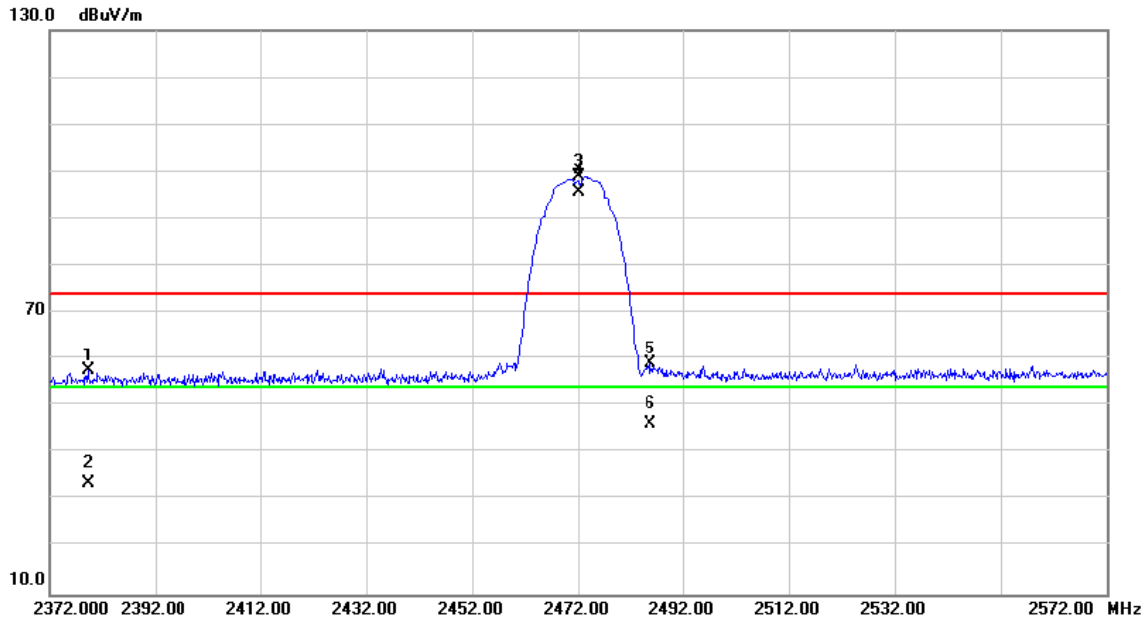
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2379.380	50.18	7.26	57.44	74.00	-16.56	peak	
2		2379.380	26.29	7.26	33.55	54.00	-20.45	AVG	
3	X	2472.000	91.61	7.25	98.86	74.00	24.86	peak	No Limit
4	*	2472.000	88.38	7.25	95.63	54.00	41.63	AVG	No Limit
5		2485.673	51.71	7.25	58.96	74.00	-15.04	peak	
6		2485.673	38.95	7.25	46.20	54.00	-7.80	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/22
Test Frequency	CH01: 2412 MHz	Polarization	Horizontal
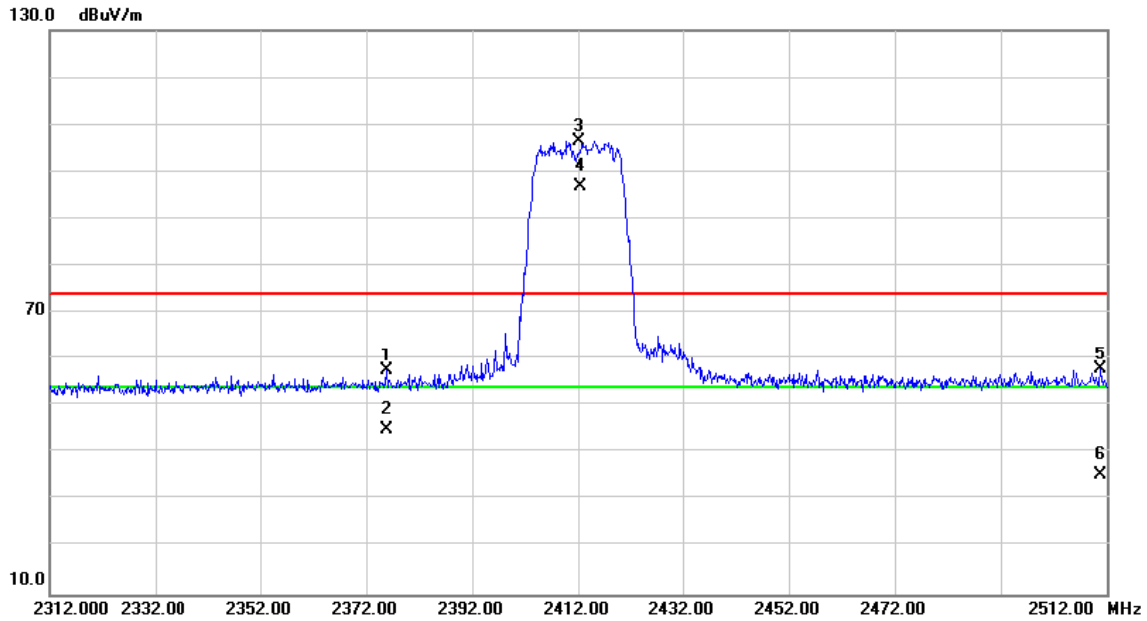
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2375.913	50.35	7.26	57.61	74.00	-16.39	peak	
2		2375.913	37.57	7.26	44.83	54.00	-9.17	AVG	
3	X	2412.000	99.19	7.26	106.45	74.00	32.45	peak	No Limit
4	*	2412.000	89.54	7.26	96.80	54.00	42.80	AVG	No Limit
5		2510.880	50.42	7.29	57.71	74.00	-16.29	peak	
6		2510.880	28.19	7.29	35.48	54.00	-18.52	AVG	

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

Page 34 of 113

| Test Mode | IEEE 802.11g | Test Date | 2021/4/22 |
| Test Frequency | CH11: 2462 MHz | Polarization | Horizontal |
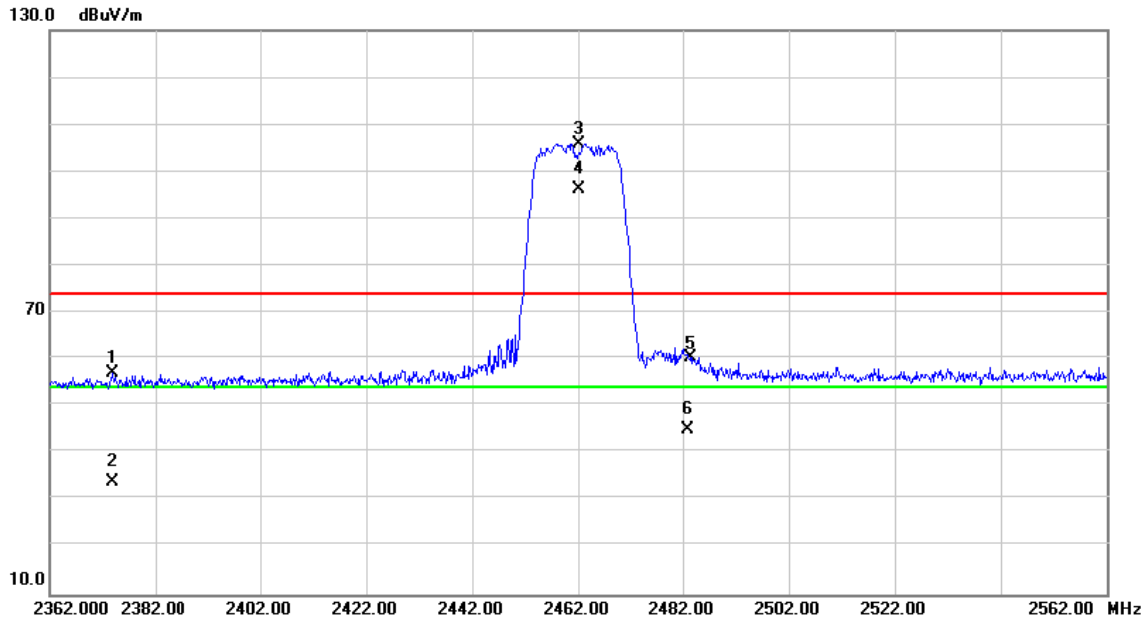
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2373.973	49.78	7.27	57.05	74.00	-16.95	peak	
2		2373.973	26.61	7.27	33.88	54.00	-20.12	AVG	
3	X	2462.000	98.68	7.25	105.93	74.00	31.93	peak	No Limit
4	*	2462.000	88.91	7.25	96.16	54.00	42.16	AVG	No Limit
5		2483.560	53.07	7.25	60.32	74.00	-13.68	peak	
6		2483.560	37.73	7.25	44.98	54.00	-9.02	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/22
Test Frequency	CH12: 2467 MHz	Polarization	Horizontal
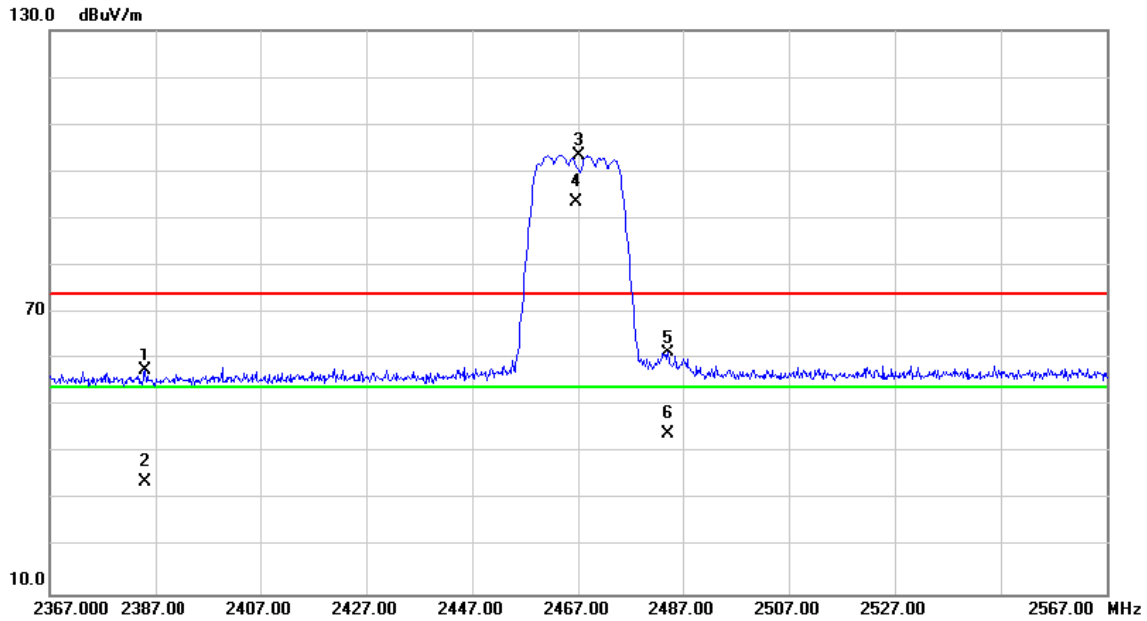
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2385.033	50.42	7.25	57.67	74.00	-16.33	peak	
2		2385.033	26.50	7.25	33.75	54.00	-20.25	AVG	
3	X	2467.000	96.31	7.25	103.56	74.00	29.56	peak	No Limit
4	*	2467.000	86.36	7.25	93.61	54.00	39.61	AVG	No Limit
5		2484.227	54.14	7.25	61.39	74.00	-12.61	peak	
6		2484.227	36.77	7.25	44.02	54.00	-9.98	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/22
Test Frequency	CH13: 2472 MHz	Polarization	Horizontal
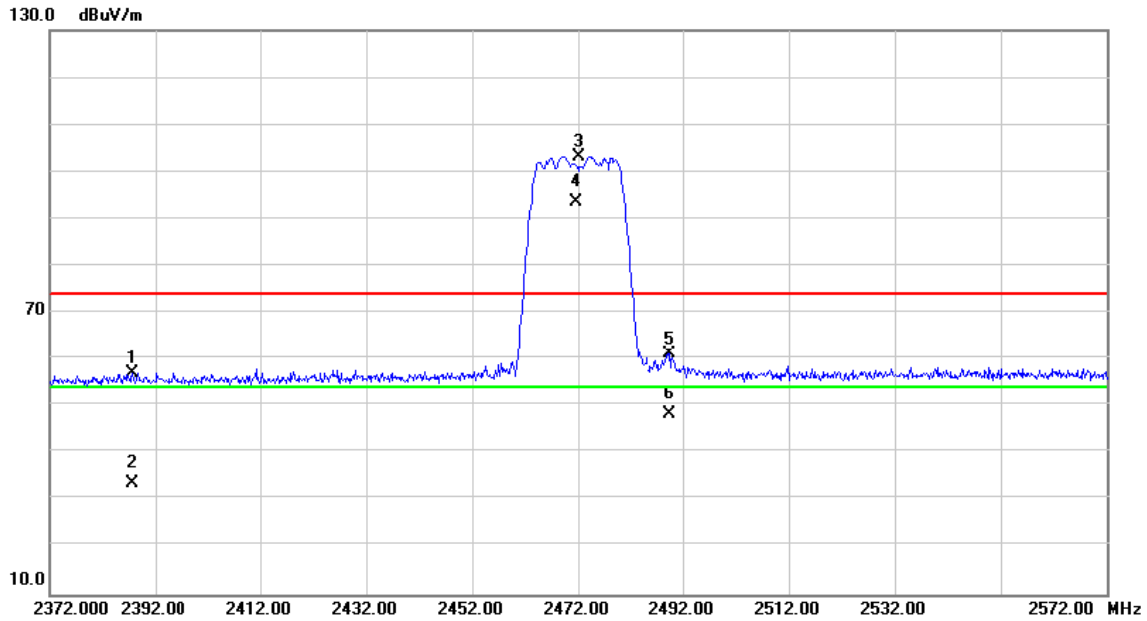
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2387.620	49.82	7.25	57.07	74.00	-16.93	peak	
2		2387.620	26.30	7.25	33.55	54.00	-20.45	AVG	
3	X	2472.000	95.93	7.25	103.18	74.00	29.18	peak	No Limit
4	*	2472.000	86.24	7.25	93.49	54.00	39.49	AVG	No Limit
5		2489.440	54.02	7.24	61.26	74.00	-12.74	peak	
6		2489.440	40.94	7.24	48.18	54.00	-5.82	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/22
Test Frequency	CH01: 2412 MHz	Polarization	Horizontal
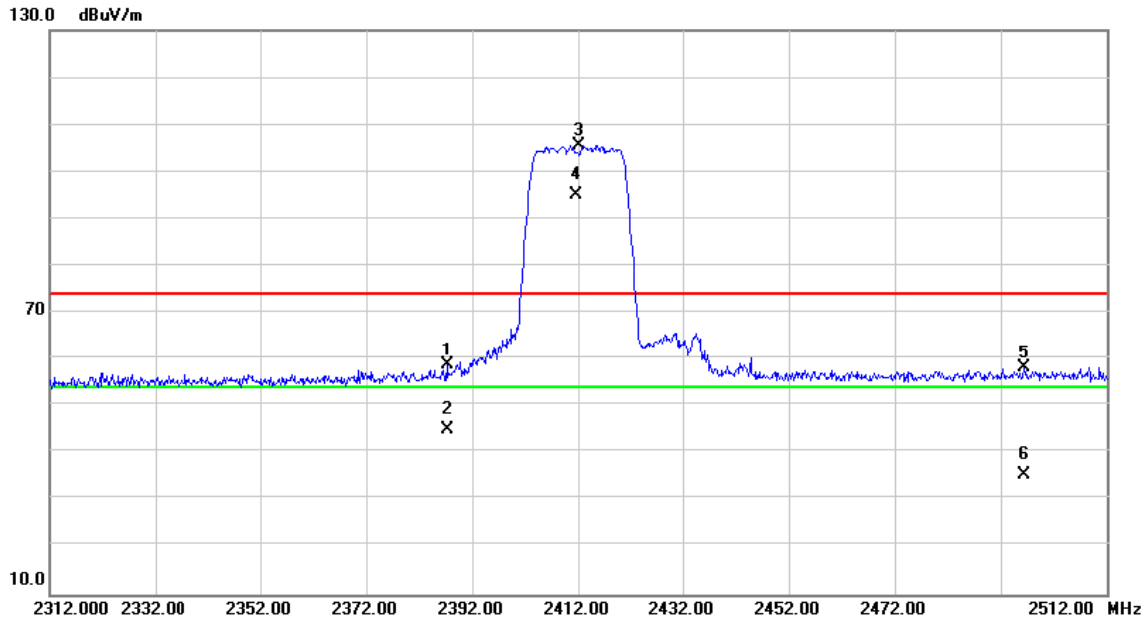
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2387.320	51.45	7.25	58.70	74.00	-15.30	peak	
2		2387.320	37.83	7.25	45.08	54.00	-8.92	AVG	
3	X	2412.000	98.42	7.26	105.68	74.00	31.68	peak	No Limit
4	*	2412.000	87.66	7.26	94.92	54.00	40.92	AVG	No Limit
5		2496.453	51.03	7.24	58.27	74.00	-15.73	peak	
6		2496.453	28.19	7.24	35.43	54.00	-18.57	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
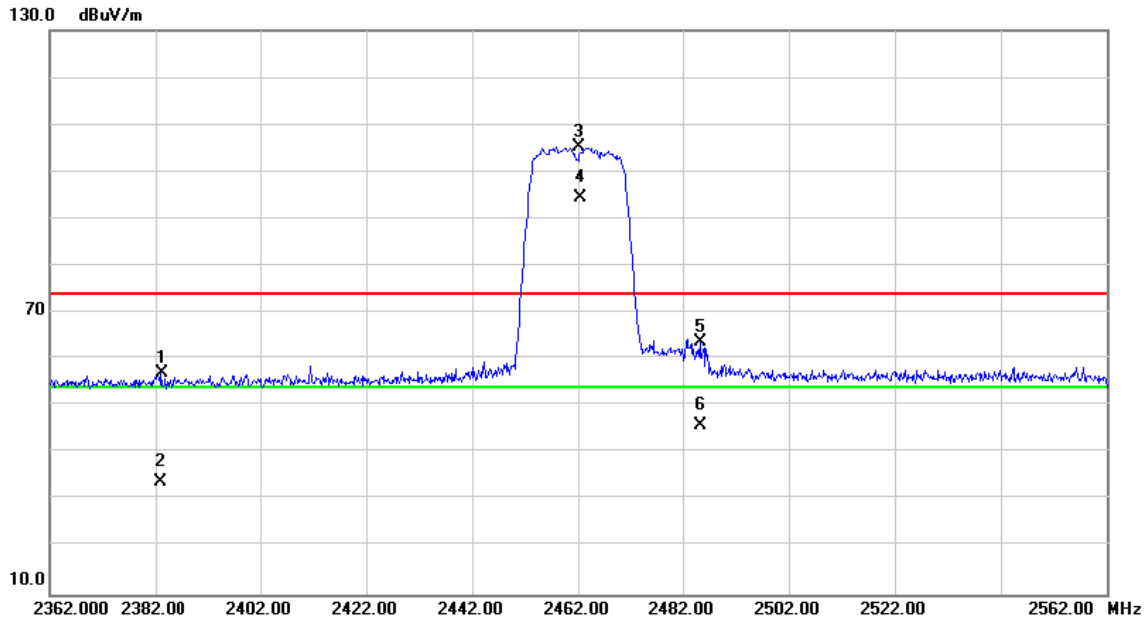
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2383.087	49.74	7.25	56.99	74.00	-17.01	peak	
2		2383.087	26.58	7.25	33.83	54.00	-20.17	AVG	
3	X	2462.000	97.91	7.25	105.16	74.00	31.16	peak	No Limit
4	*	2462.000	87.26	7.25	94.51	54.00	40.51	AVG	No Limit
5		2485.373	56.57	7.25	63.82	74.00	-10.18	peak	
6		2485.373	38.59	7.25	45.84	54.00	-8.16	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Horizontal
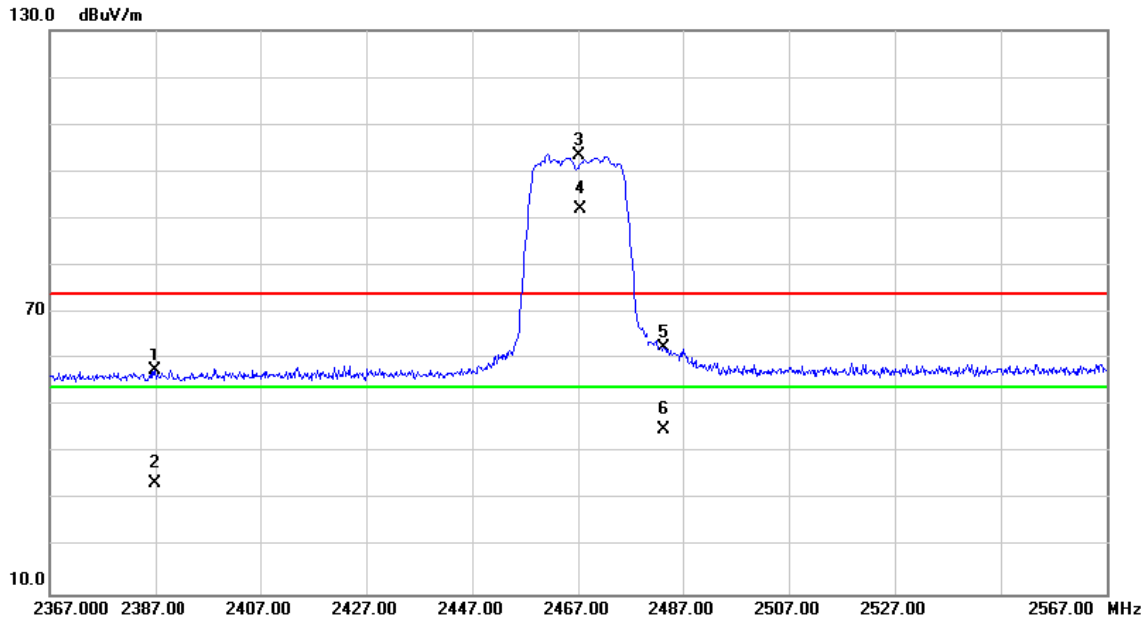
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2386.813	50.33	7.25	57.58	74.00	-16.42	peak	
2		2386.813	26.23	7.25	33.48	54.00	-20.52	AVG	
3	X	2467.000	96.35	7.25	103.60	74.00	29.60	peak	No Limit
4	*	2467.000	84.83	7.25	92.08	54.00	38.08	AVG	No Limit
5		2483.507	55.35	7.25	62.60	74.00	-11.40	peak	
6		2483.507	37.56	7.25	44.81	54.00	-9.19	AVG	

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

Page 40 of 113

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH13: 2472 MHz	Polarization	Horizontal
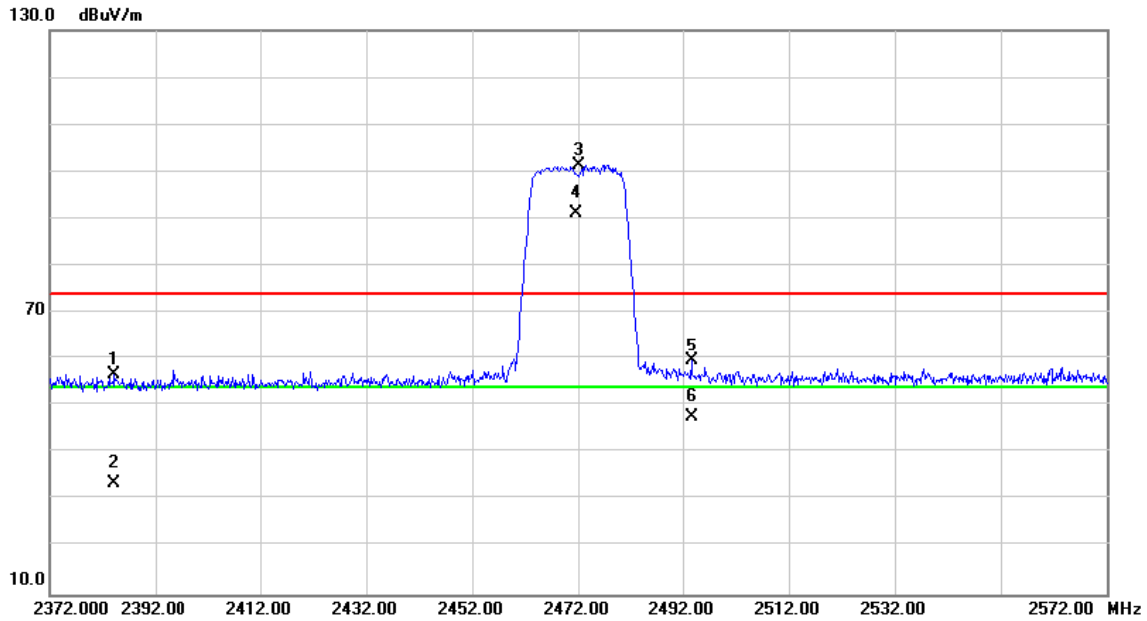
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2384.240	49.41	7.25	56.66	74.00	-17.34	peak	
2		2384.240	26.30	7.25	33.55	54.00	-20.45	AVG	
3	X	2472.000	94.25	7.25	101.50	74.00	27.50	peak	No Limit
4	*	2472.000	83.78	7.25	91.03	54.00	37.03	AVG	No Limit
5		2493.633	52.31	7.24	59.55	74.00	-14.45	peak	
6		2493.633	40.42	7.24	47.66	54.00	-6.34	AVG	

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

Page 41 of 113

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH03: 2422 MHz	Polarization	Horizontal
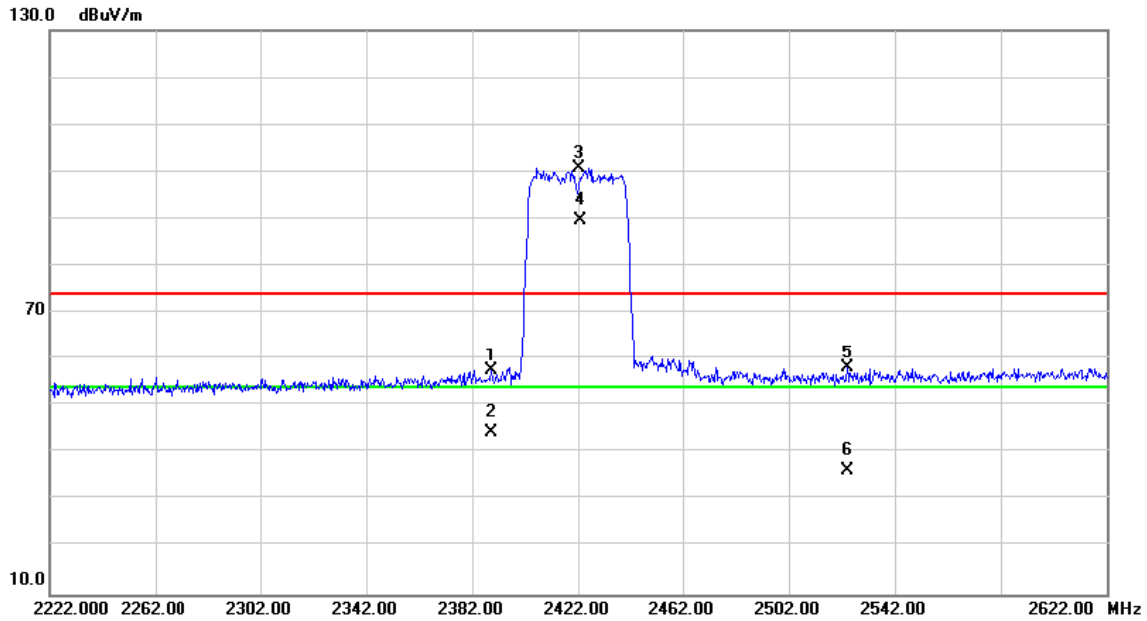
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2389.320	50.37	7.26	57.63	74.00	-16.37	peak	
2		2389.320	37.22	7.26	44.48	54.00	-9.52	AVG	
3	X	2422.000	93.61	7.26	100.87	74.00	26.87	peak	No Limit
4	*	2422.000	82.47	7.26	89.73	54.00	35.73	AVG	No Limit
5		2524.200	50.84	7.34	58.18	74.00	-15.82	peak	
6		2524.200	28.87	7.34	36.21	54.00	-17.79	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH09: 2452 MHz	Polarization	Horizontal
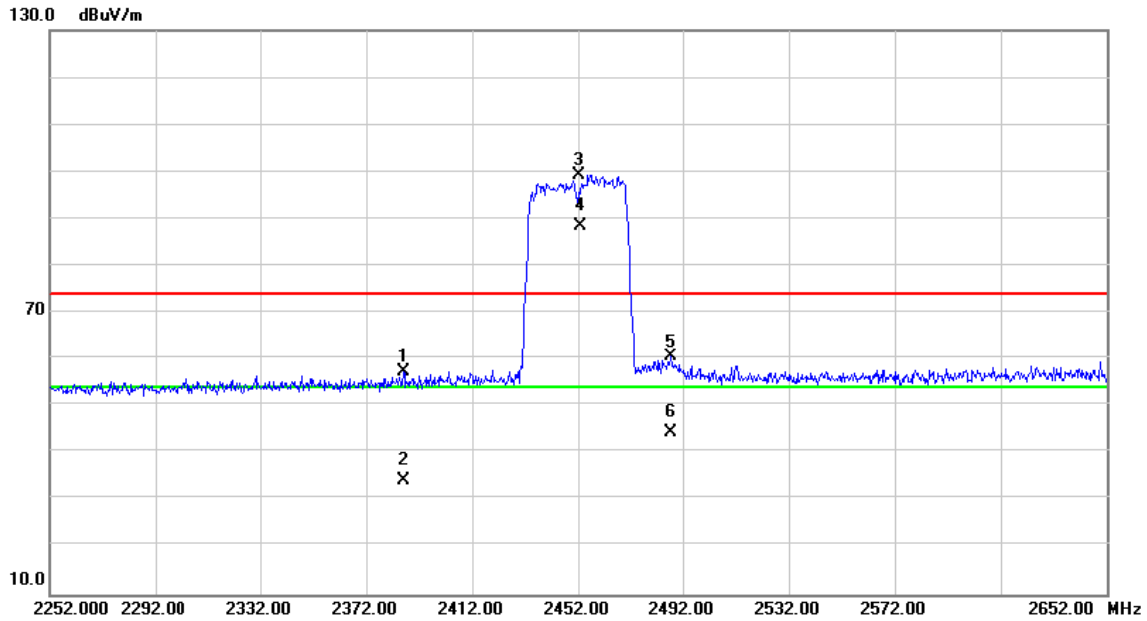
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2386.373	49.89	7.25	57.14	74.00	-16.86	peak	
2		2386.373	26.82	7.25	34.07	54.00	-19.93	AVG	
3	X	2452.000	92.01	7.25	99.26	74.00	25.26	peak	No Limit
4	*	2452.000	81.25	7.25	88.50	54.00	34.50	AVG	No Limit
5		2487.613	53.17	7.24	60.41	74.00	-13.59	peak	
6		2487.613	37.00	7.24	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 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH10: 2457 MHz	Polarization	Horizontal
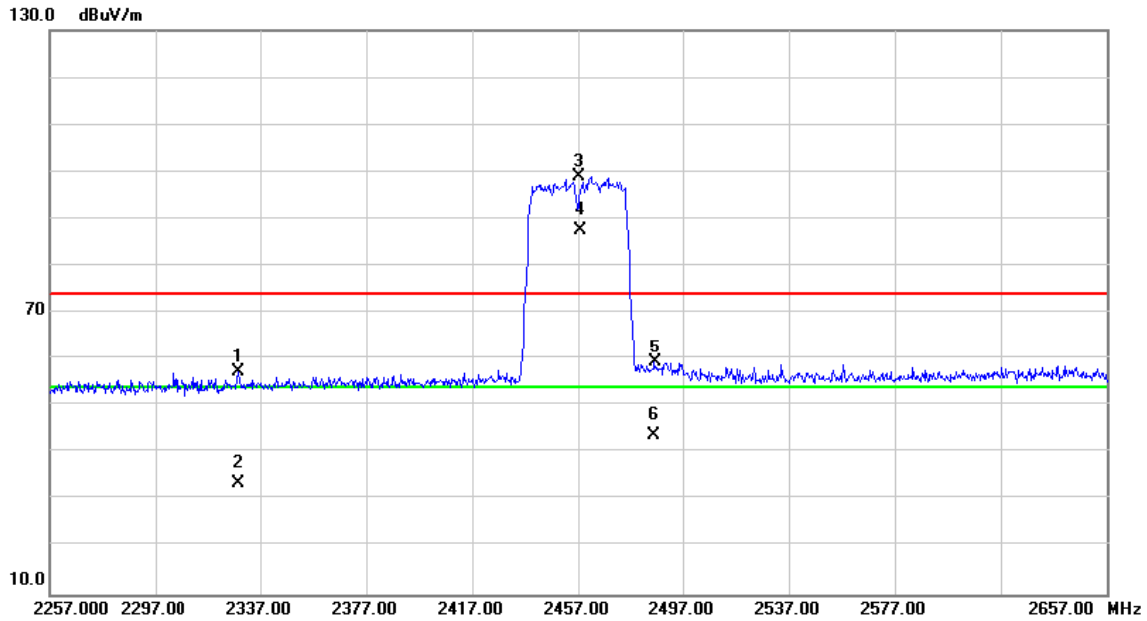
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2328.813	49.86	7.27	57.13	74.00	-16.87	peak	
2		2328.813	26.38	7.27	33.65	54.00	-20.35	AVG	
3	X	2457.000	91.55	7.26	98.81	74.00	24.81	peak	No Limit
4	*	2457.000	80.30	7.26	87.56	54.00	33.56	AVG	No Limit
5		2486.493	52.04	7.25	59.29	74.00	-14.71	peak	
6		2486.493	36.63	7.25	43.88	54.00	-10.12	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
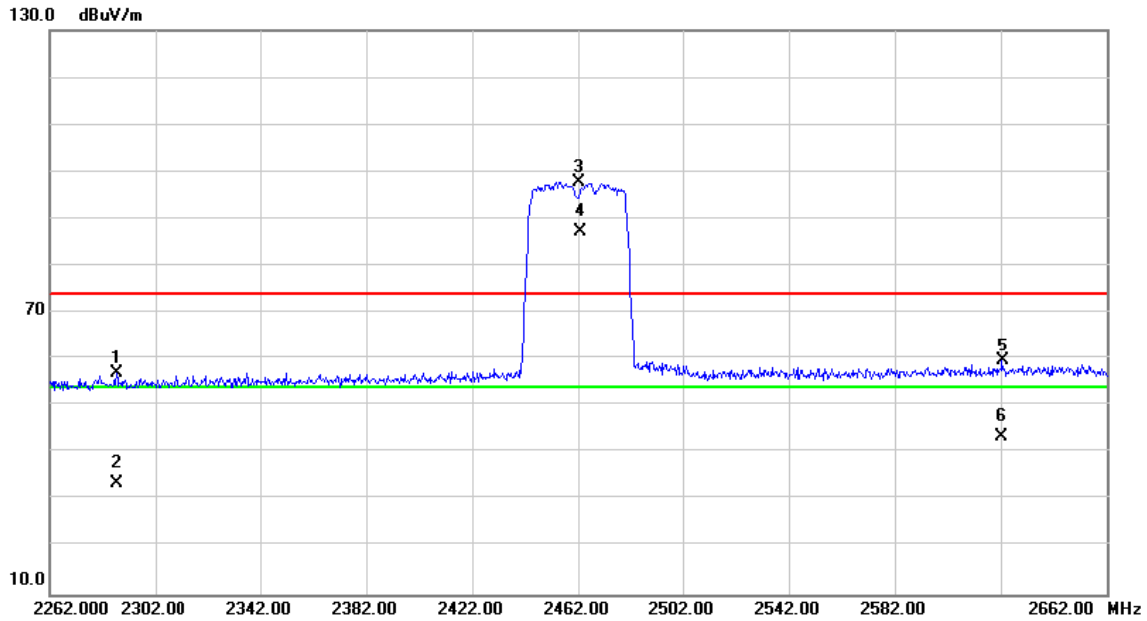
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2287.507	49.80	7.27	57.07	74.00	-16.93	peak	
2		2287.507	26.36	7.27	33.63	54.00	-20.37	AVG	
3	X	2462.000	90.59	7.25	97.84	74.00	23.84	peak	No Limit
4	*	2462.000	79.95	7.25	87.20	54.00	33.20	AVG	No Limit
5		2622.640	51.79	7.72	59.51	74.00	-14.49	peak	
6		2622.640	35.68	7.72	43.40	54.00	-10.60	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Horizontal
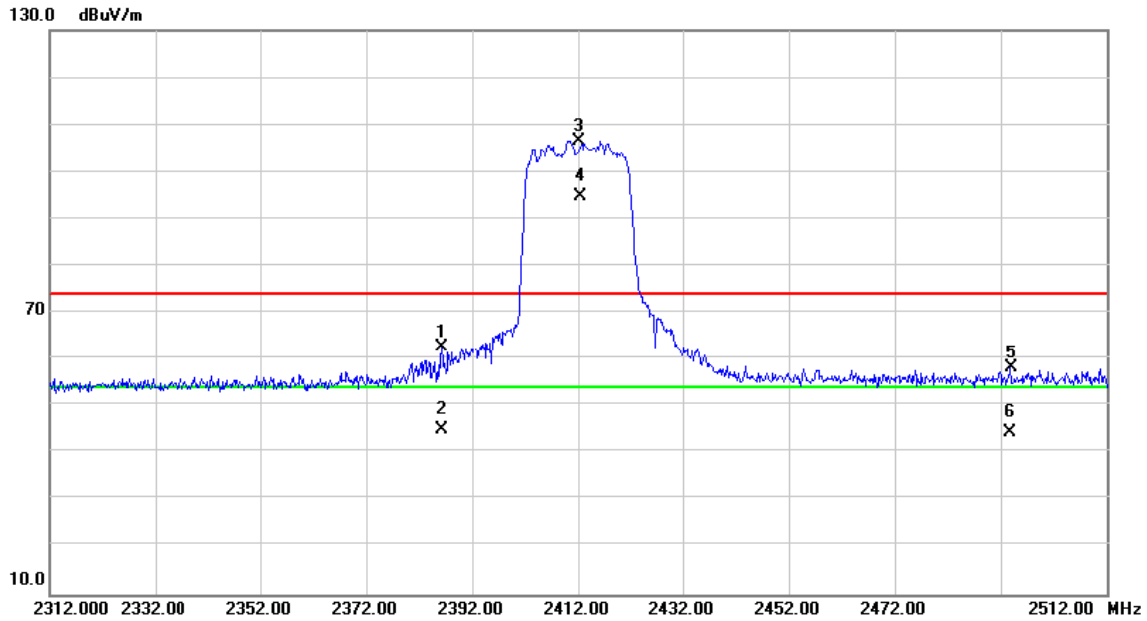
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2386.367	55.35	7.25	62.60	74.00	-11.40	peak	
2		2386.367	37.79	7.25	45.04	54.00	-8.96	AVG	
3	X	2412.000	99.24	7.26	106.50	74.00	32.50	peak	No Limit
4	*	2412.000	87.49	7.26	94.75	54.00	40.75	AVG	No Limit
5		2493.973	50.92	7.24	58.16	74.00	-15.84	peak	
6		2493.973	37.18	7.24	44.42	54.00	-9.58	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
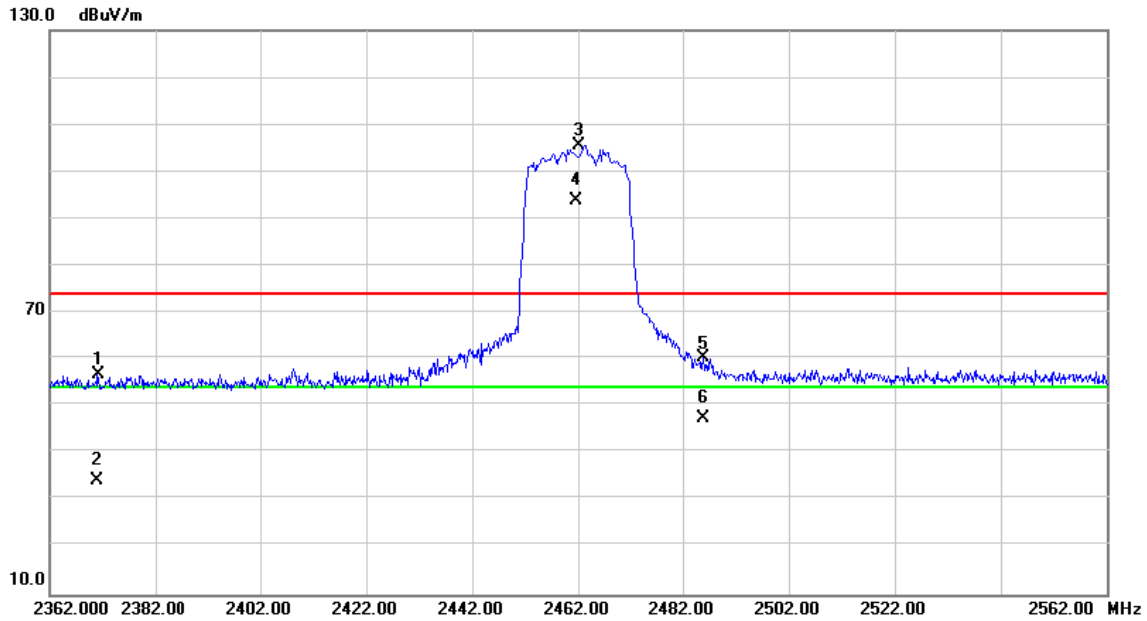
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2371.187	49.32	7.27	56.59	74.00	-17.41	peak	
2		2371.187	26.78	7.27	34.05	54.00	-19.95	AVG	
3	X	2462.000	98.35	7.25	105.60	74.00	31.60	peak	No Limit
4	*	2462.000	86.75	7.25	94.00	54.00	40.00	AVG	No Limit
5		2485.920	53.12	7.25	60.37	74.00	-13.63	peak	
6		2485.920	40.05	7.25	47.30	54.00	-6.70	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Horizontal
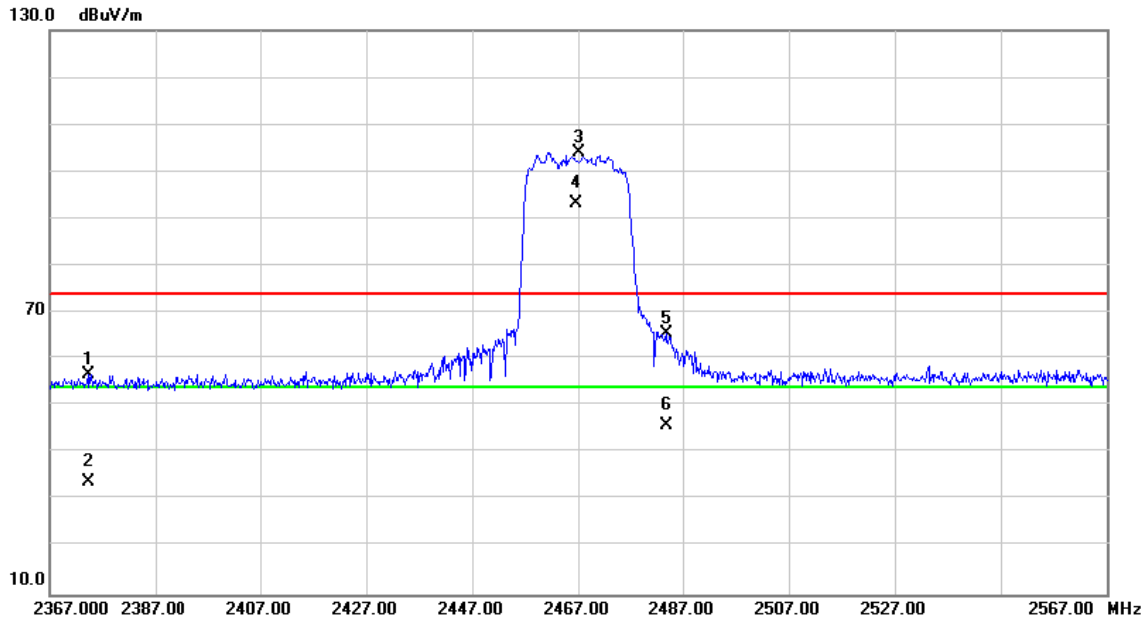
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2374.353	49.31	7.27	56.58	74.00	-17.42	peak	
2		2374.353	26.72	7.27	33.99	54.00	-20.01	AVG	
3	X	2467.000	96.88	7.25	104.13	74.00	30.13	peak	No Limit
4	*	2467.000	86.06	7.25	93.31	54.00	39.31	AVG	No Limit
5		2483.887	58.35	7.25	65.60	74.00	-8.40	peak	
6		2483.887	38.58	7.25	45.83	54.00	-8.17	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH13: 2462 MHz	Polarization	Horizontal
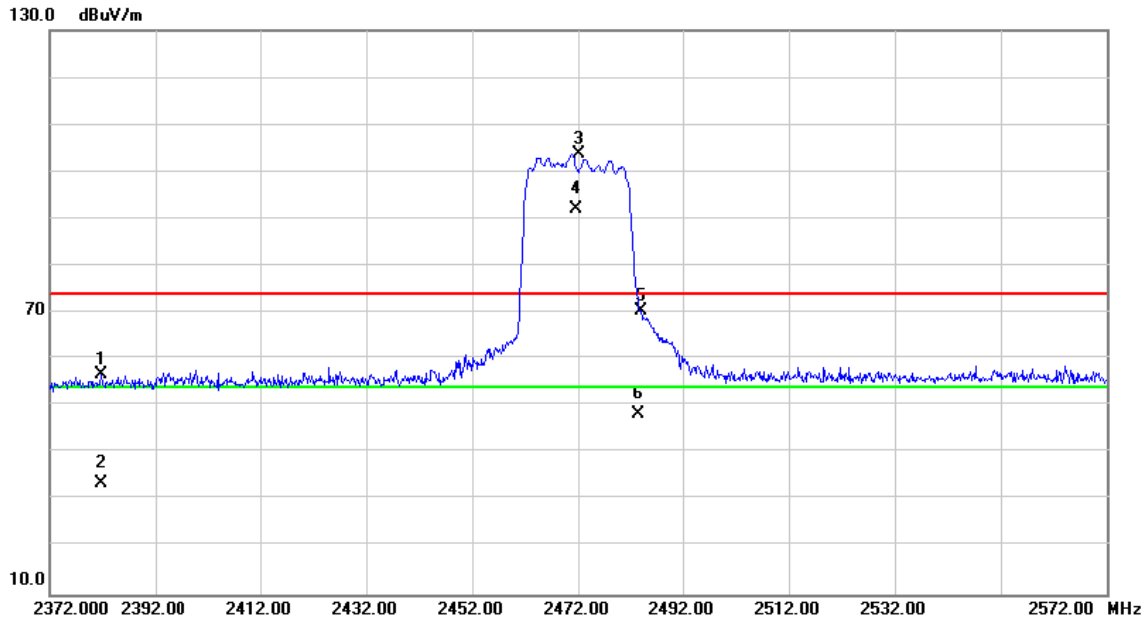
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2381.787	49.36	7.25	56.61	74.00	-17.39	peak	
2		2381.787	26.38	7.25	33.63	54.00	-20.37	AVG	
3	X	2472.000	96.42	7.25	103.67	74.00	29.67	peak	No Limit
4	*	2472.000	84.84	7.25	92.09	54.00	38.09	AVG	No Limit
5		2483.927	63.29	7.25	70.54	74.00	-3.46	peak	
6		2483.927	40.94	7.25	48.19	54.00	-5.81	AVG	

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

Page 49 of 113

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH03: 2422 MHz	Polarization	Horizontal
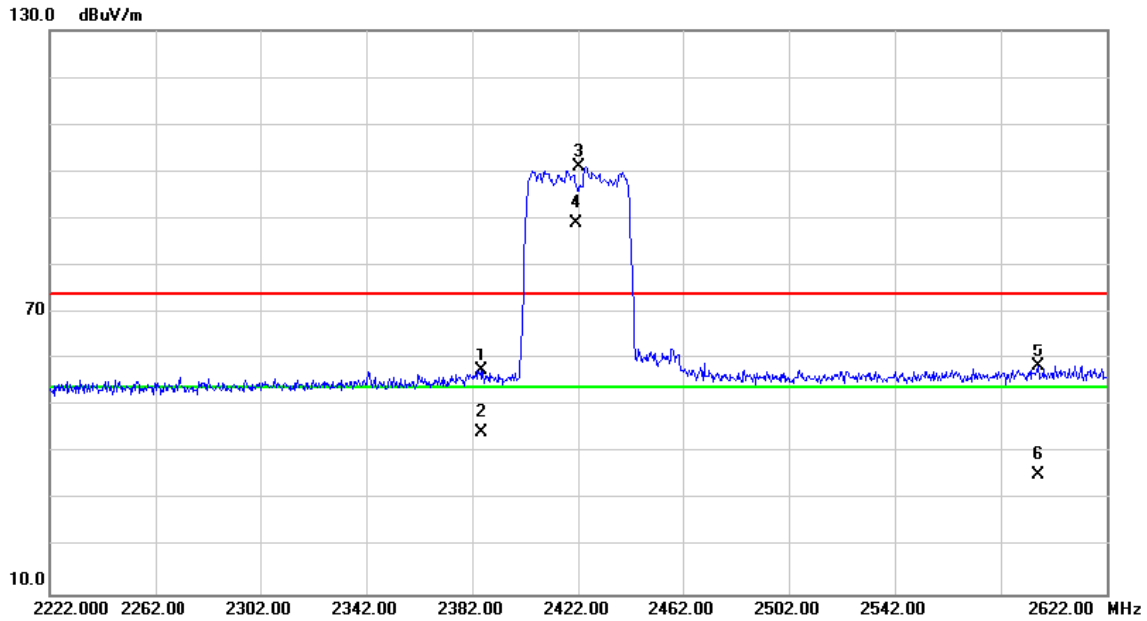
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2385.440	50.25	7.25	57.50	74.00	-16.50	peak	
2		2385.440	37.25	7.25	44.50	54.00	-9.50	AVG	
3	X	2422.000	93.66	7.26	100.92	74.00	26.92	peak	No Limit
4	*	2422.000	81.68	7.26	88.94	54.00	34.94	AVG	No Limit
5		2596.267	50.97	7.62	58.59	74.00	-15.41	peak	
6		2596.267	27.73	7.62	35.35	54.00	-18.65	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH09: 2452 MHz	Polarization	Horizontal
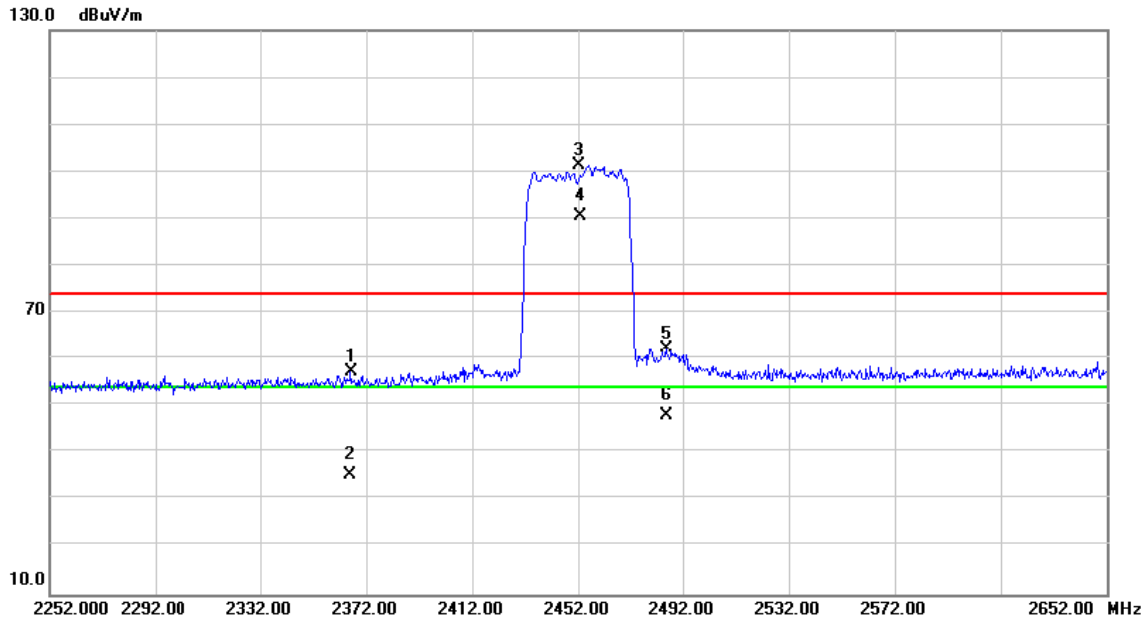
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		2366.333	50.12	7.26	57.38	74.00	-16.62	peak	
2		2366.333	28.00	7.26	35.26	54.00	-18.74	AVG	
3	X	2452.000	94.06	7.25	101.31	74.00	27.31	peak	No Limit
4	*	2452.000	83.41	7.25	90.66	54.00	36.66	AVG	No Limit
5		2485.840	55.11	7.25	62.36	74.00	-11.64	peak	
6		2485.840	40.79	7.25	48.04	54.00	-5.96	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH10: 2457 MHz	Polarization	Horizontal
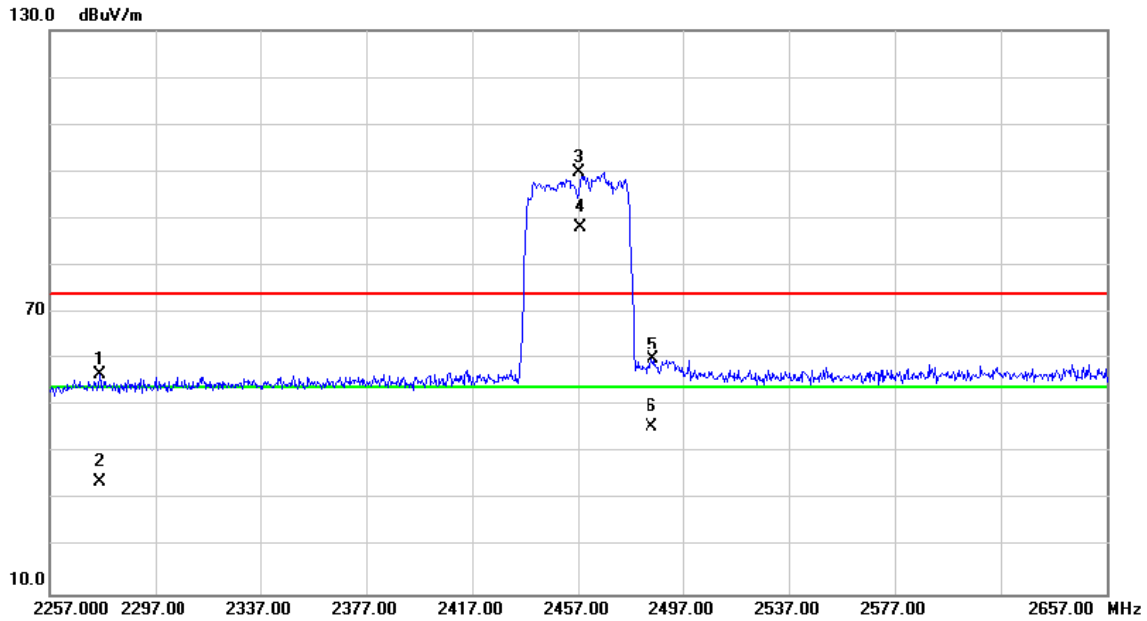
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2275.973	49.45	7.27	56.72	74.00	-17.28	peak	
2		2275.973	26.62	7.27	33.89	54.00	-20.11	AVG	
3	X	2457.000	92.46	7.26	99.72	74.00	25.72	peak	No Limit
4	*	2457.000	80.79	7.26	88.05	54.00	34.05	AVG	No Limit
5		2485.280	52.59	7.25	59.84	74.00	-14.16	peak	
6		2485.280	38.37	7.25	45.62	54.00	-8.38	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
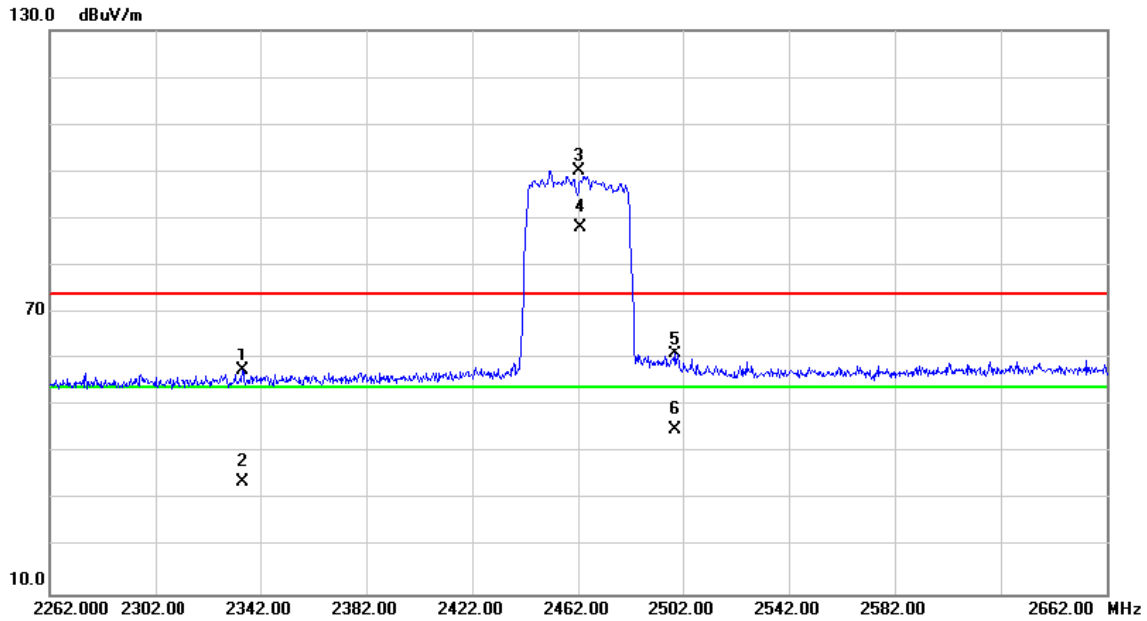
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2335.587	50.34	7.26	57.60	74.00	-16.40	peak	
2		2335.587	26.57	7.26	33.83	54.00	-20.17	AVG	
3	X	2462.000	92.88	7.25	100.13	74.00	26.13	peak	No Limit
4	*	2462.000	81.03	7.25	88.28	54.00	34.28	AVG	No Limit
5		2499.120	53.88	7.24	61.12	74.00	-12.88	peak	
6		2499.120	37.74	7.24	44.98	54.00	-9.02	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Vertical
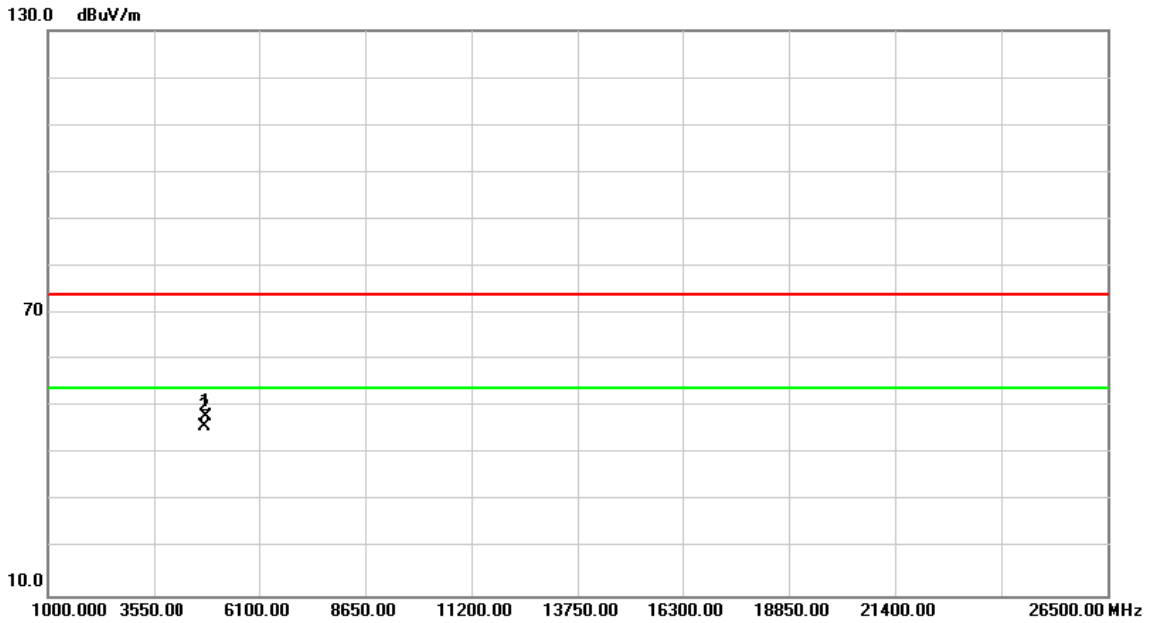
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4824.000	43.39	4.45	47.84	74.00	-26.16	peak	
2	*	4824.000	41.36	4.45	45.81	54.00	-8.19	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Horizontal
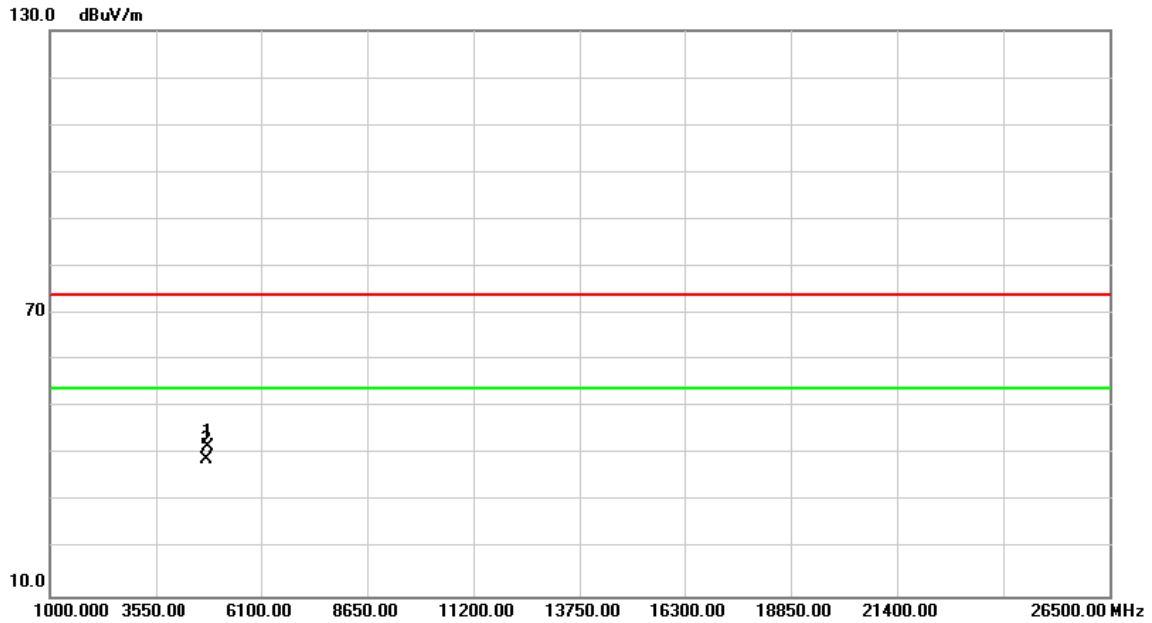
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4824.000	37.15	4.45	41.60	74.00	-32.40	peak	
2	*	4824.000	34.54	4.45	38.99	54.00	-15.01	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Vertical
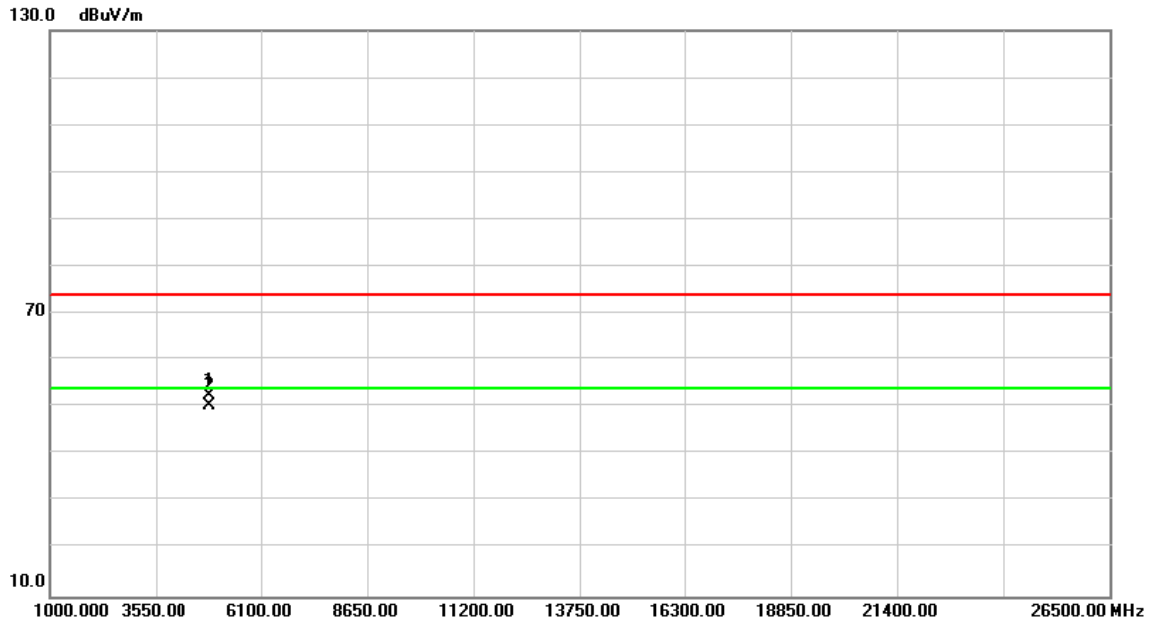
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	47.88	4.58	52.46	74.00	-21.54	peak	
2	*	4874.000	45.75	4.58	50.33	54.00	-3.67	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Horizontal
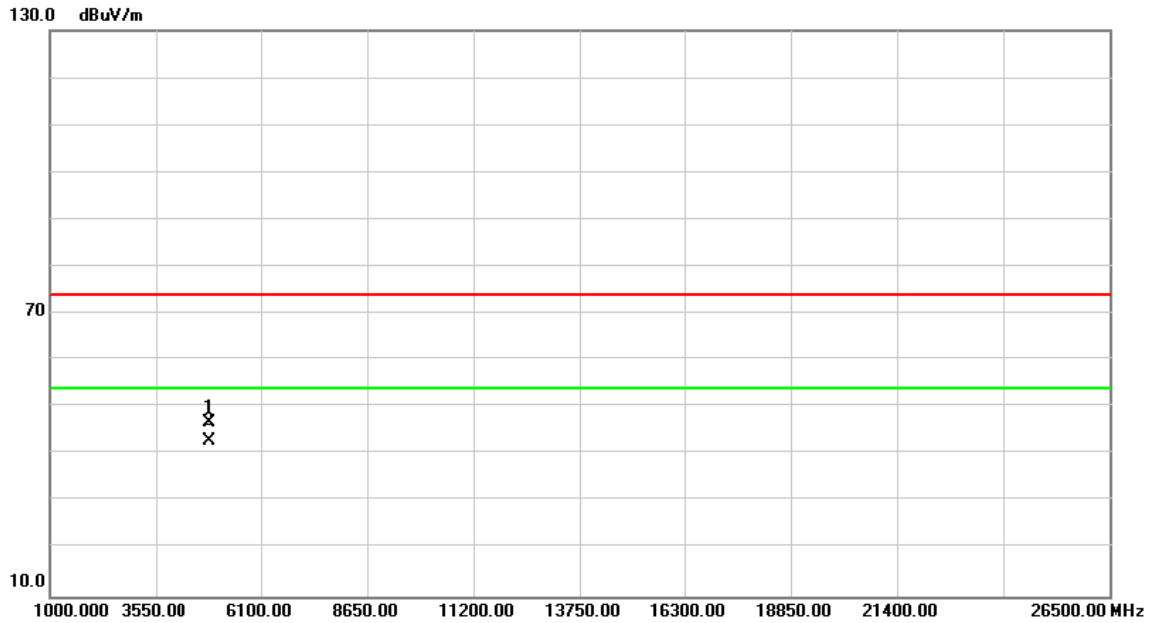
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4874.000	42.22	4.58	46.80	74.00	-27.20	peak	
2	*	4874.000	38.26	4.58	42.84	54.00	-11.16	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Vertical
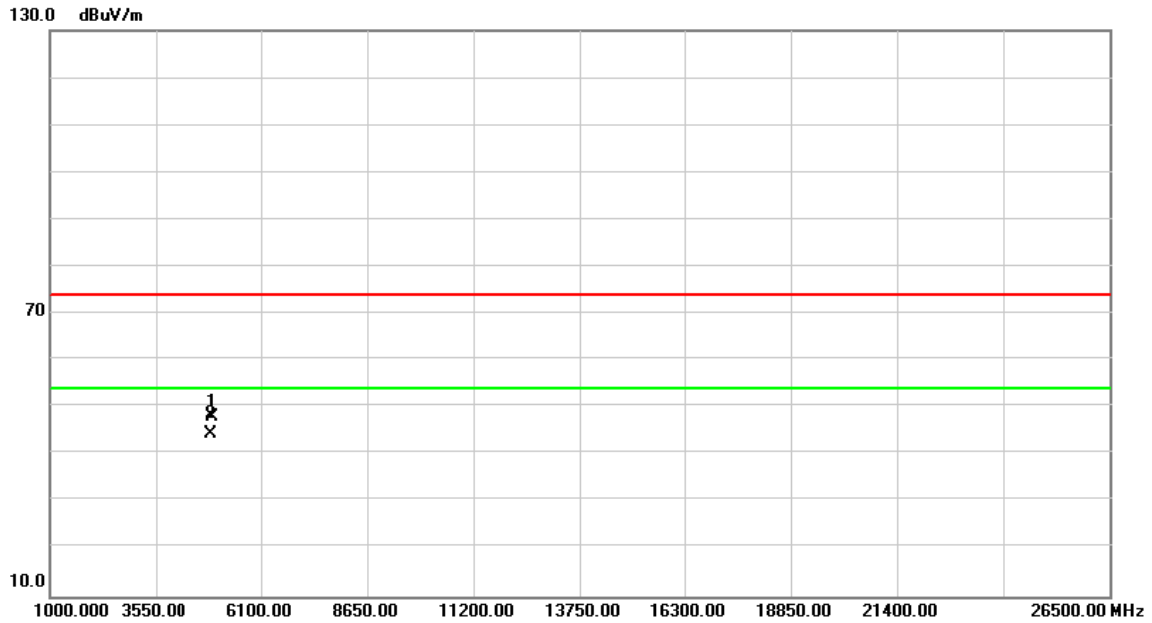
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	43.10	4.71	47.81	74.00	-26.19	peak	
2	*	4924.000	39.68	4.71	44.39	54.00	-9.61	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
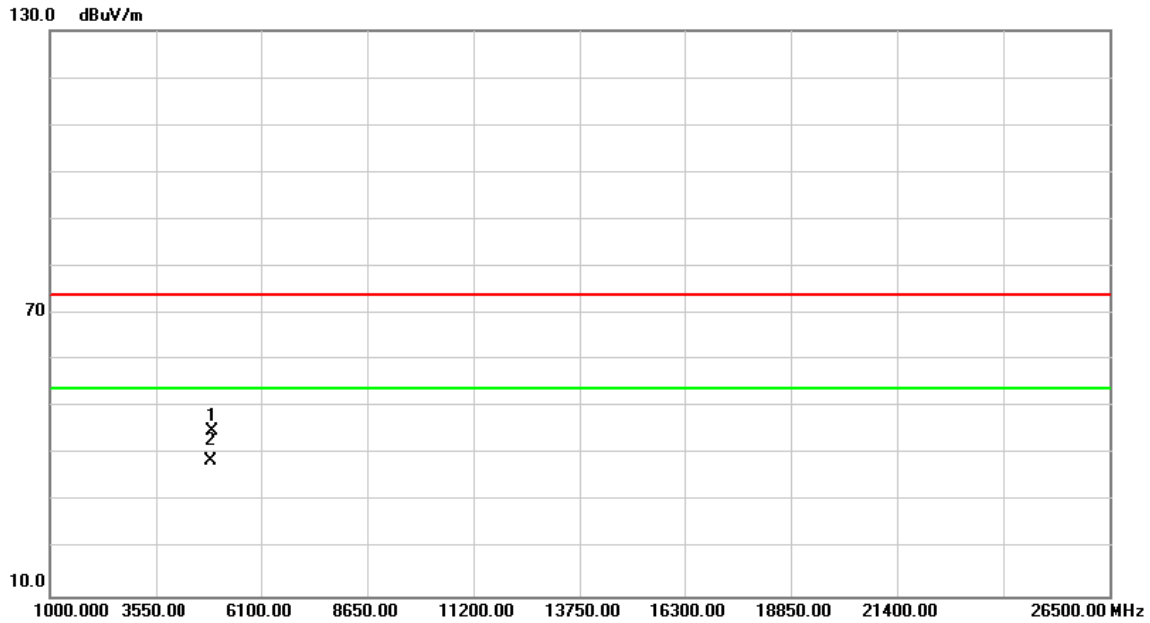
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	40.22	4.71	44.93	74.00	-29.07	peak	
2	*	4924.000	33.96	4.71	38.67	54.00	-15.33	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Vertical
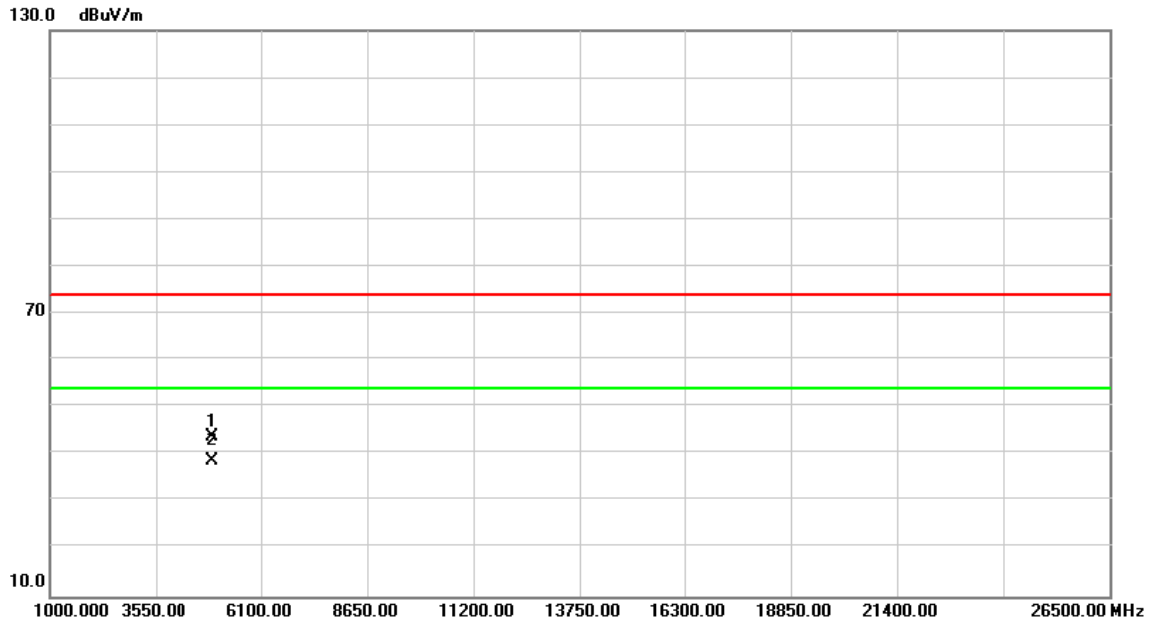
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4934.000	39.15	4.74	43.89	74.00	-30.11	peak	
2	*	4934.000	33.78	4.74	38.52	54.00	-15.48	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Horizontal
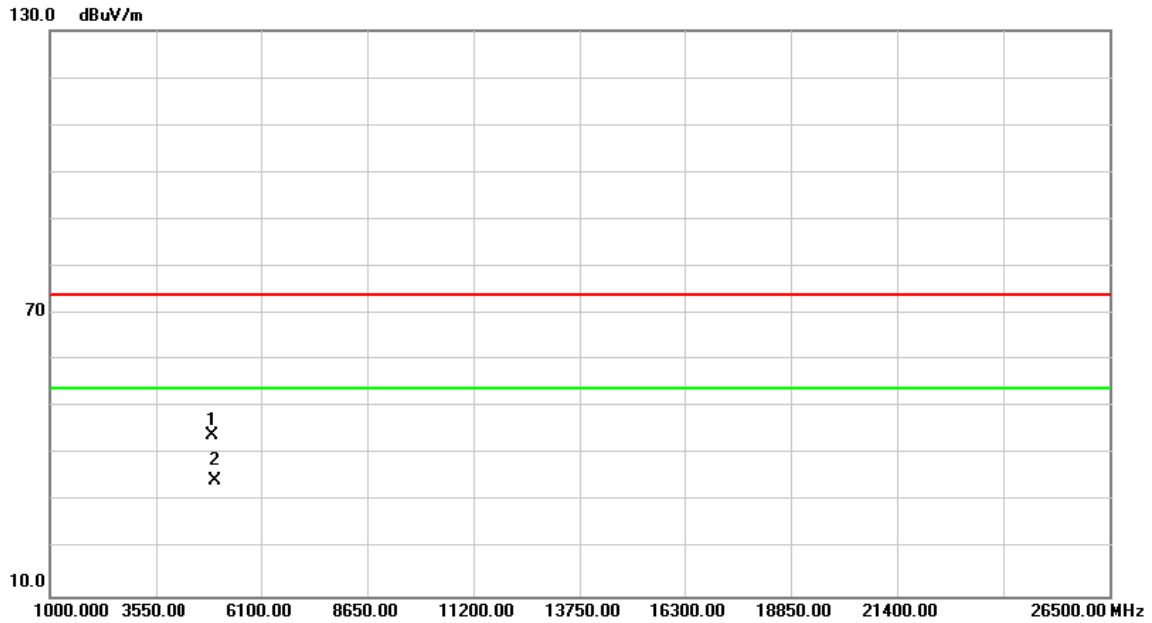
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4934.000	39.32	4.74	44.06	74.00	-29.94	peak	
2	*	4934.000	29.80	4.74	34.54	54.00	-19.46	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH13: 2472 MHz	Polarization	Vertical
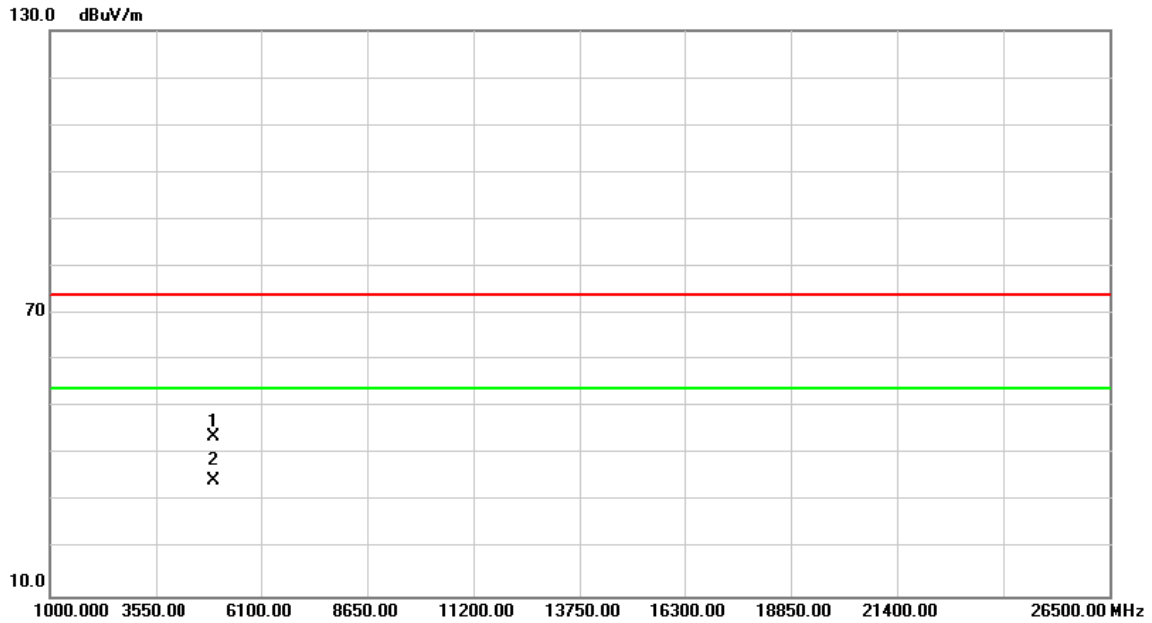
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4944.000	39.02	4.77	43.79	74.00	-30.21	peak	
2	*	4944.000	29.74	4.77	34.51	54.00	-19.49	AVG	

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

Test Mode	IEEE 802.11b	Test Date	2021/4/23
Test Frequency	CH13: 2472 MHz	Polarization	Horizontal
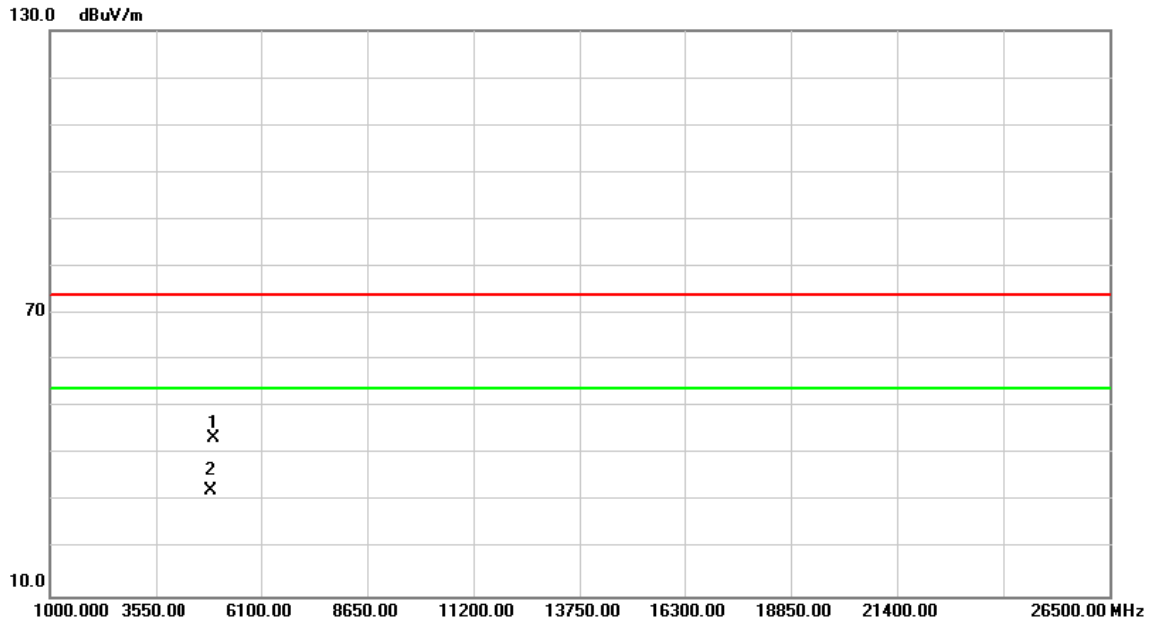
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	38.68	4.77	43.45	74.00	-30.55	peak	
2	*	4944.000	27.73	4.77	32.50	54.00	-21.50	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Vertical
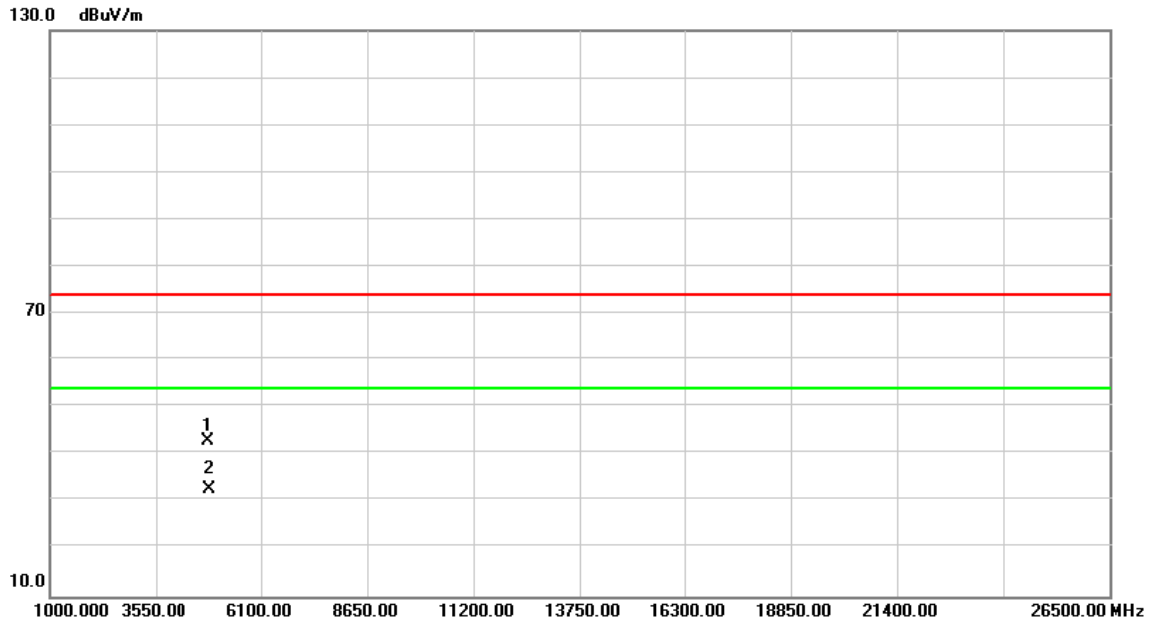
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4824.000	38.25	4.45	42.70	74.00	-31.30	peak	
2	*	4824.000	28.12	4.45	32.57	54.00	-21.43	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Horizontal
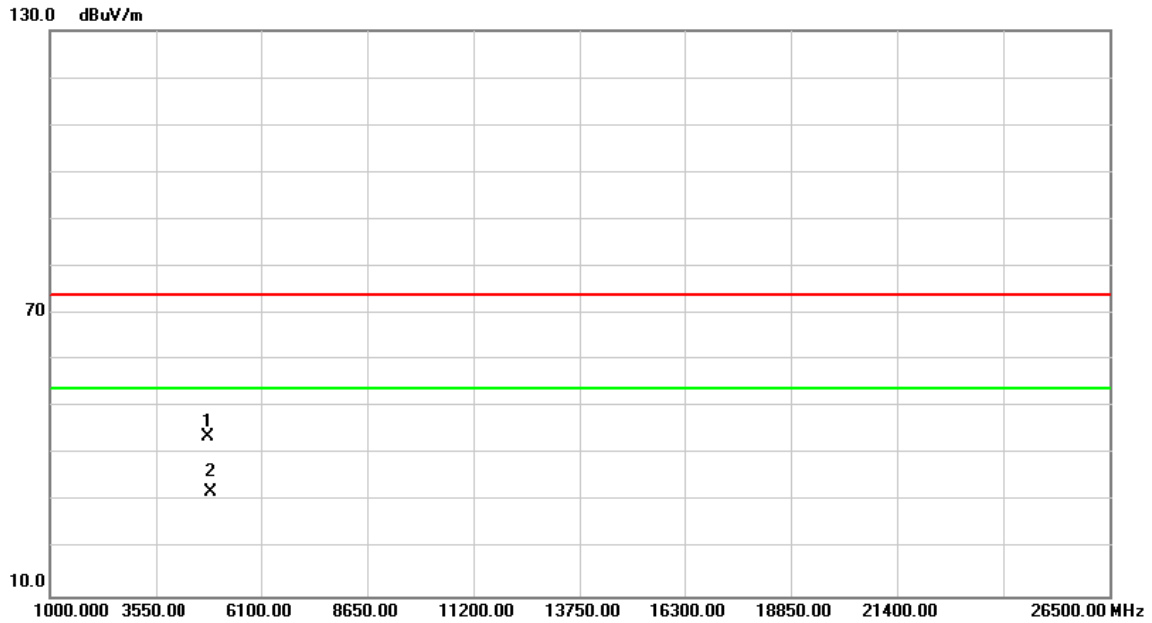
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4824.000	39.27	4.45	43.72	74.00	-30.28	peak	
2	*	4824.000	27.55	4.45	32.00	54.00	-22.00	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Vertical
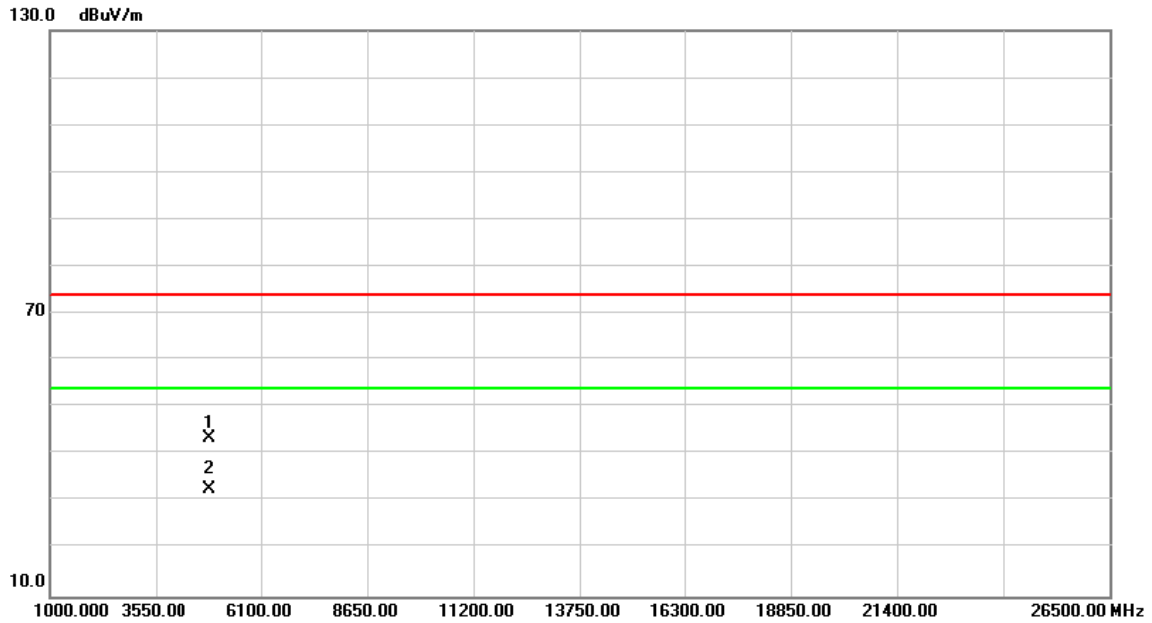
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4874.000	38.92	4.58	43.50	74.00	-30.50	peak	
2	*	4874.000	28.02	4.58	32.60	54.00	-21.40	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Horizontal
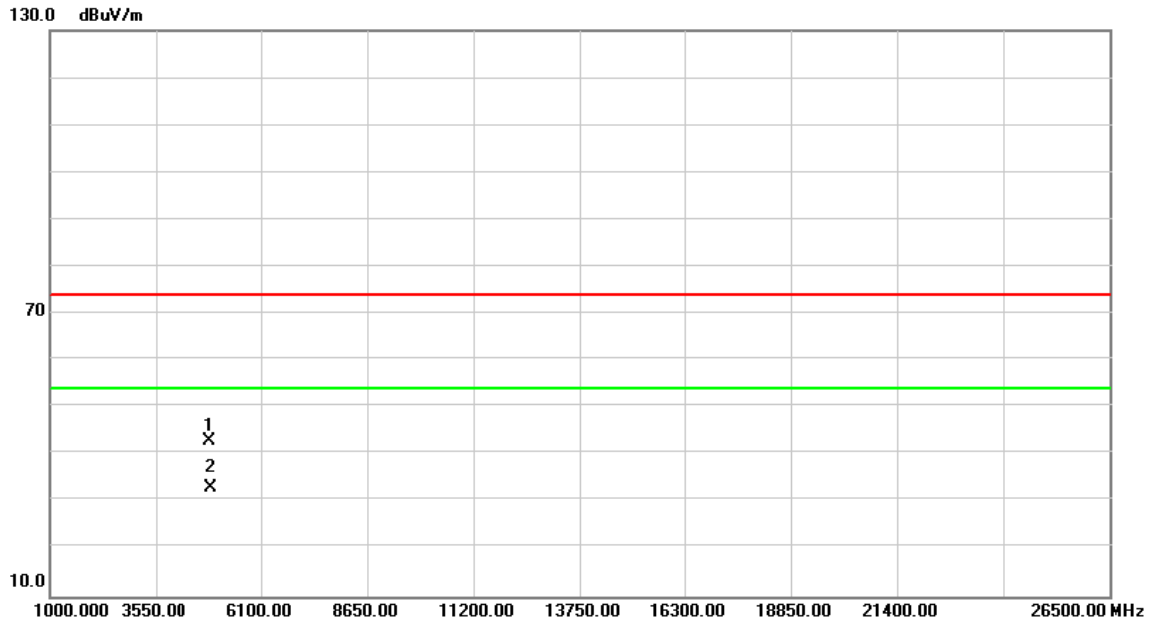
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.33	4.58	42.91	74.00	-31.09	peak	
2	*	4874.000	28.38	4.58	32.96	54.00	-21.04	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Vertical
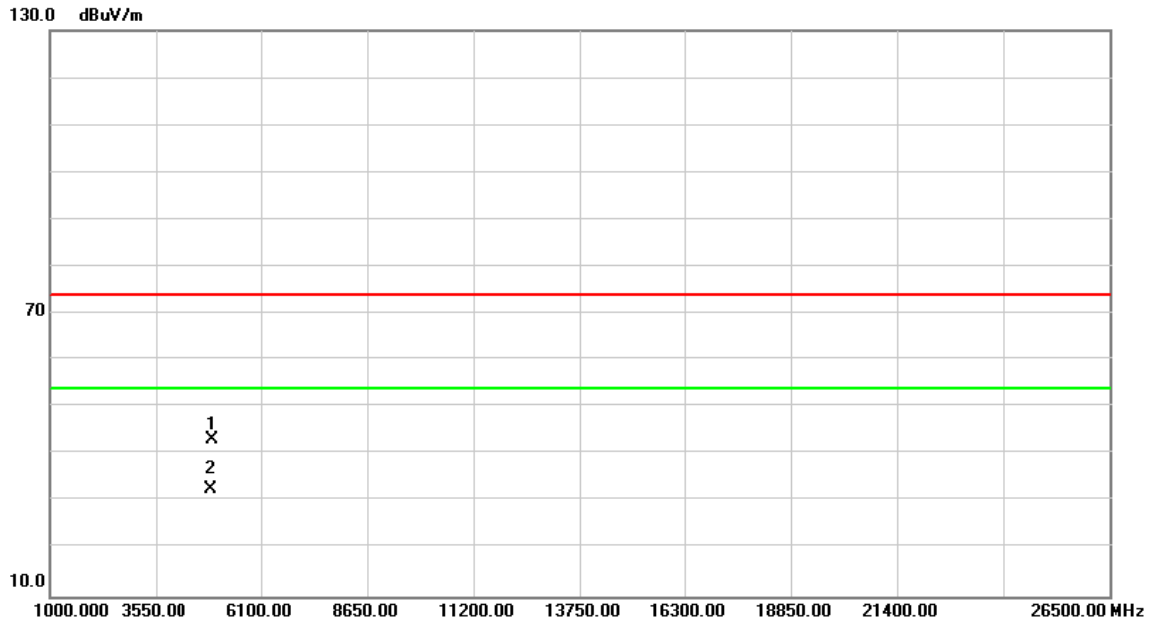
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	38.49	4.71	43.20	74.00	-30.80	peak	
2	*	4924.000	27.86	4.71	32.57	54.00	-21.43	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
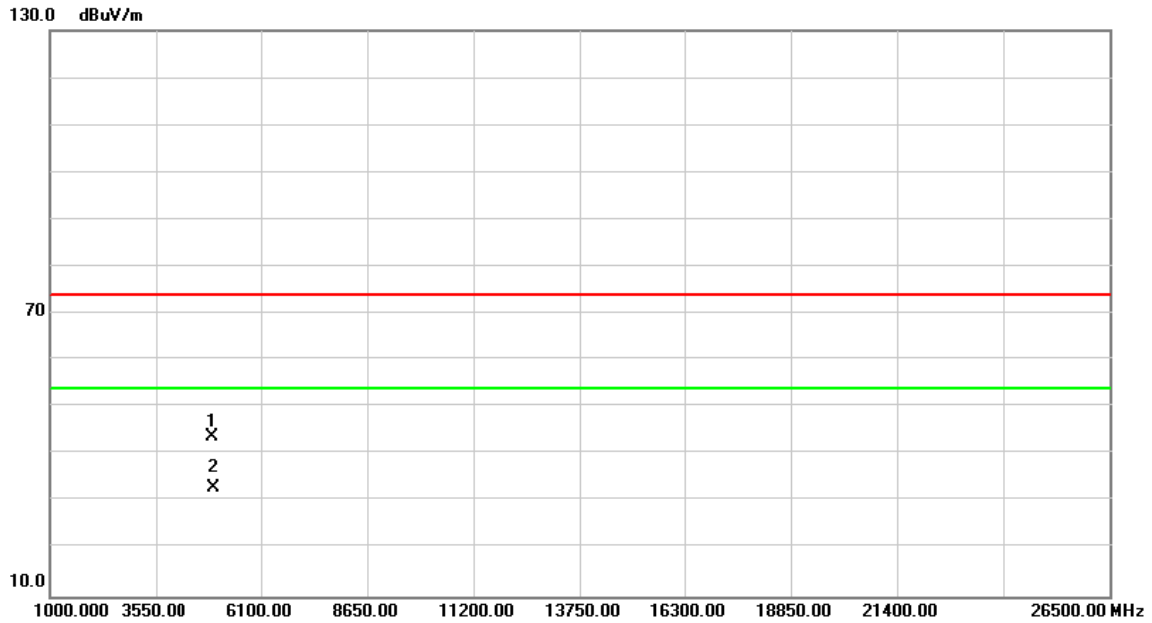
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	39.01	4.71	43.72	74.00	-30.28	peak	
2	*	4924.000	28.25	4.71	32.96	54.00	-21.04	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Vertical
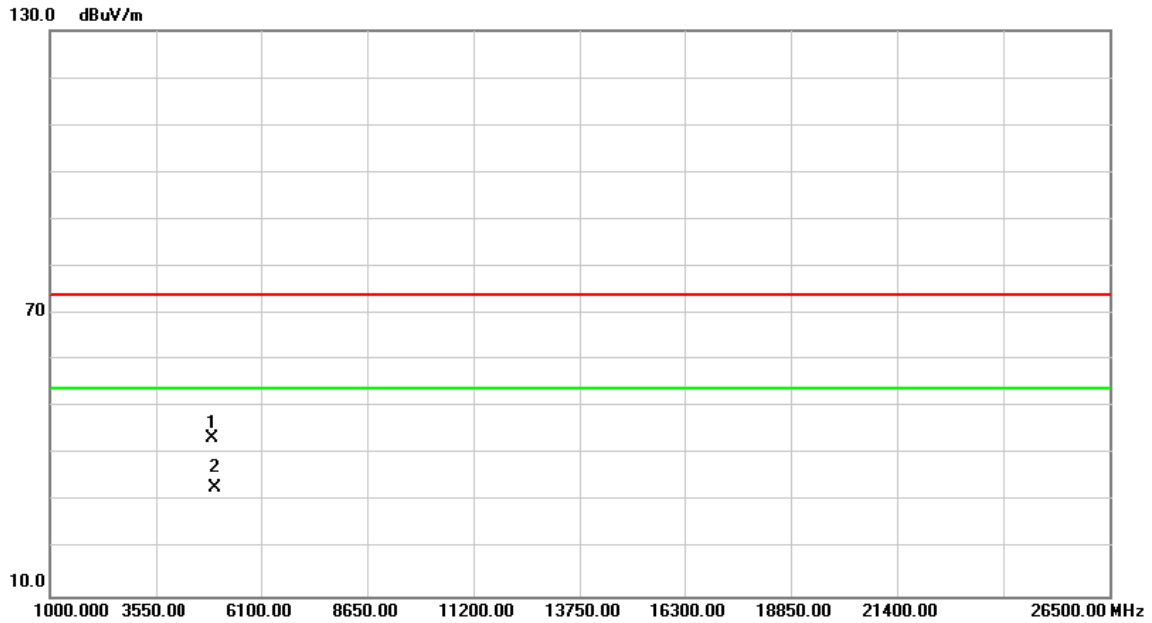
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4934.000	38.77	4.74	43.51	74.00	-30.49	peak	
2	*	4934.000	28.30	4.74	33.04	54.00	-20.96	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Horizontal
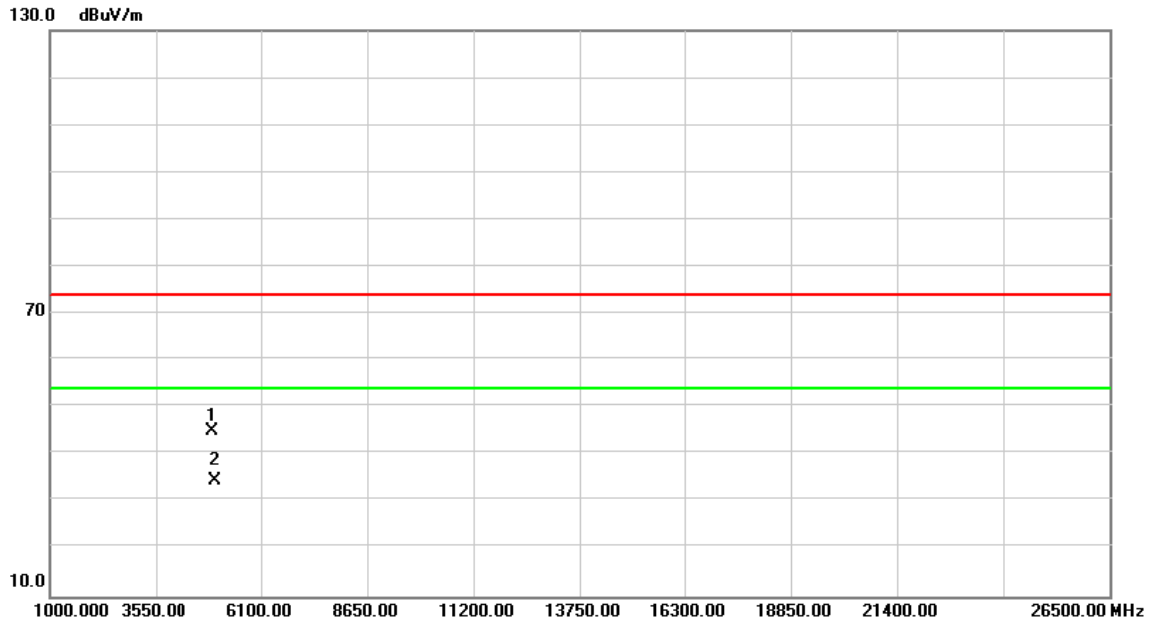
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4934.000	40.19	4.74	44.93	74.00	-29.07	peak	
2	*	4934.000	29.77	4.74	34.51	54.00	-19.49	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH13: 2472 MHz	Polarization	Vertical
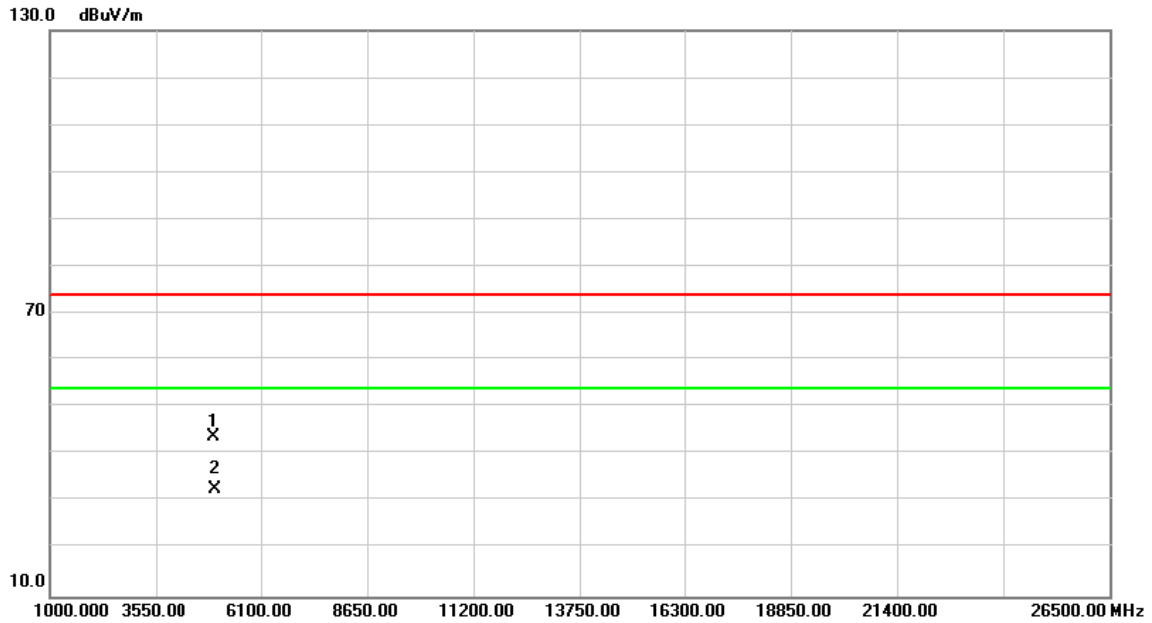
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4944.000	38.96	4.77	43.73	74.00	-30.27	peak	
2	*	4944.000	27.77	4.77	32.54	54.00	-21.46	AVG	

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

Test Mode	IEEE 802.11g	Test Date	2021/4/23
Test Frequency	CH13: 2472 MHz	Polarization	Horizontal
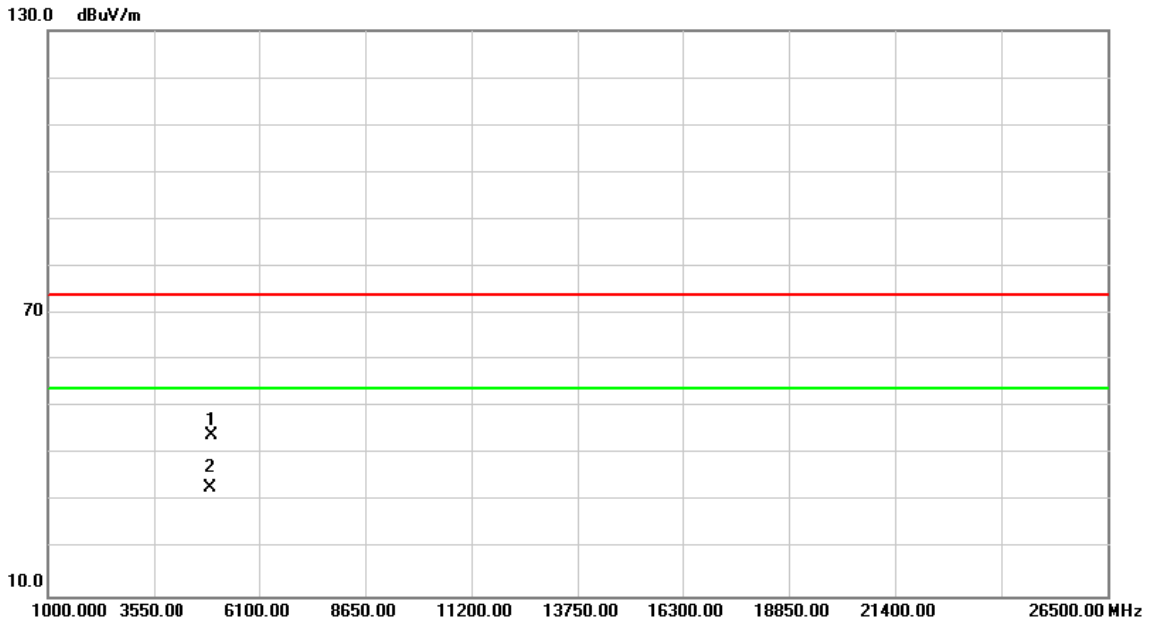
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4944.000	39.32	4.77	44.09	74.00	-29.91	peak	
2	*	4944.000	28.05	4.77	32.82	54.00	-21.18	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Vertical
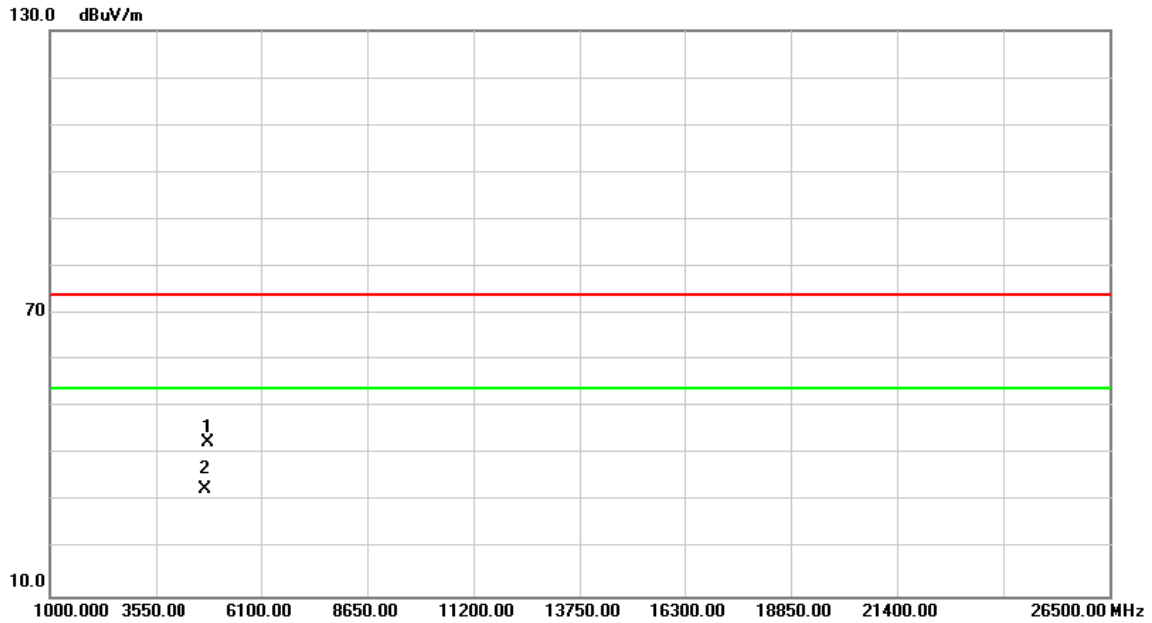
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4824.000	38.09	4.45	42.54	74.00	-31.46	peak	
2	*	4824.000	28.30	4.45	32.75	54.00	-21.25	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Horizontal
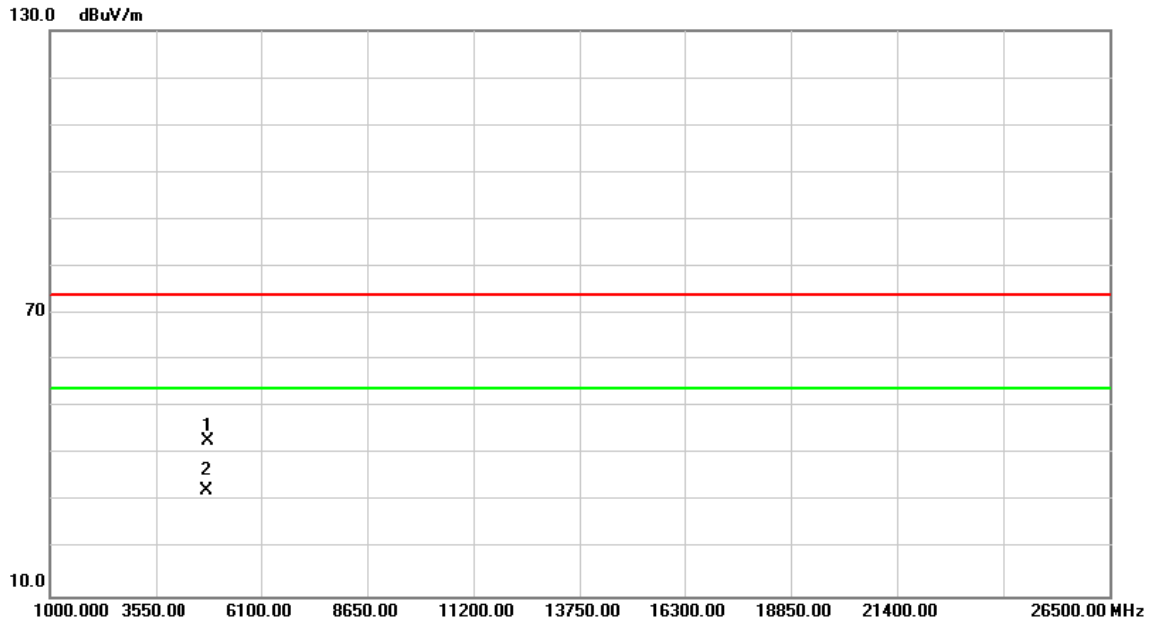
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4824.000	38.33	4.45	42.78	74.00	-31.22	peak	
2	*	4824.000	27.78	4.45	32.23	54.00	-21.77	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Vertical
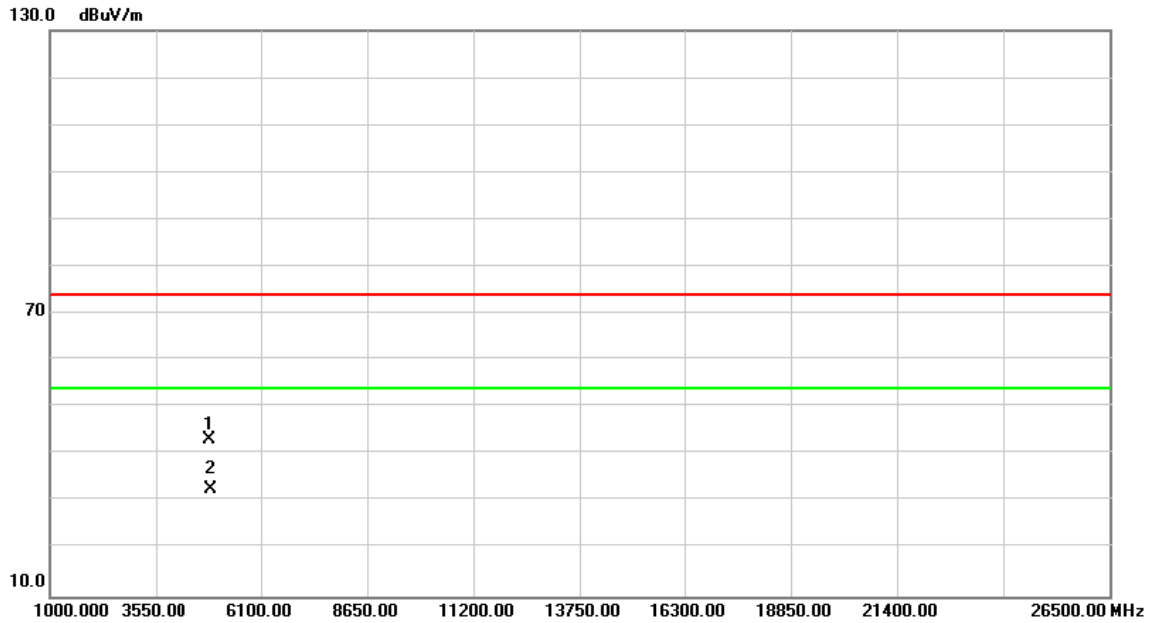
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.56	4.58	43.14	74.00	-30.86	peak	
2	*	4874.000	28.18	4.58	32.76	54.00	-21.24	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Horizontal
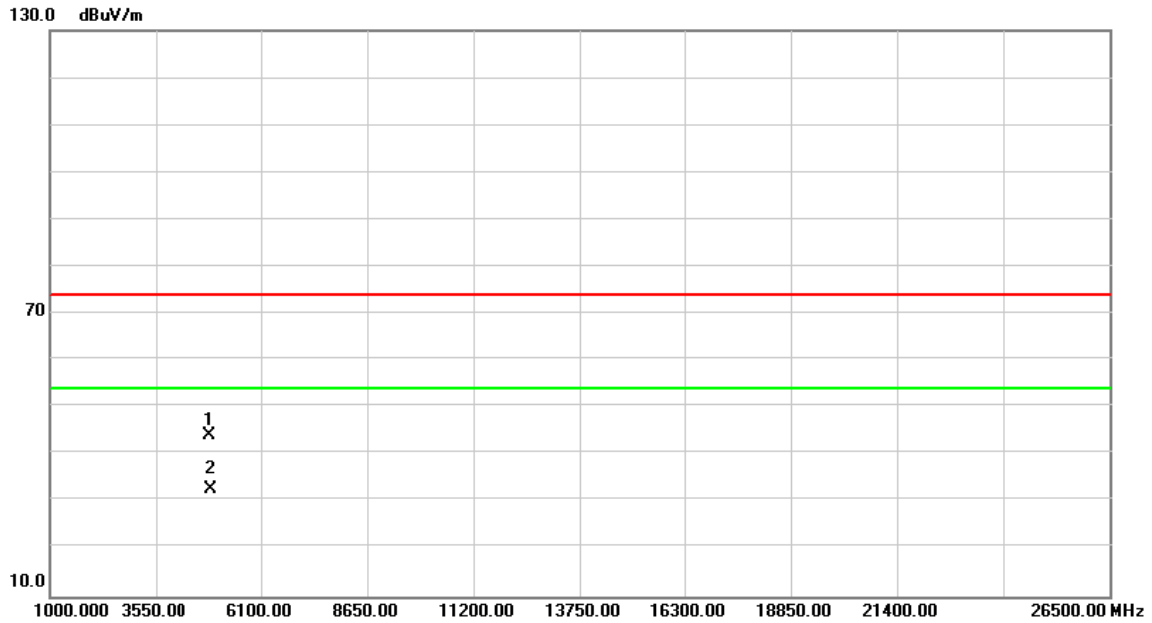
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4874.000	39.56	4.58	44.14	74.00	-29.86	peak	
2	*	4874.000	28.16	4.58	32.74	54.00	-21.26	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Vertical
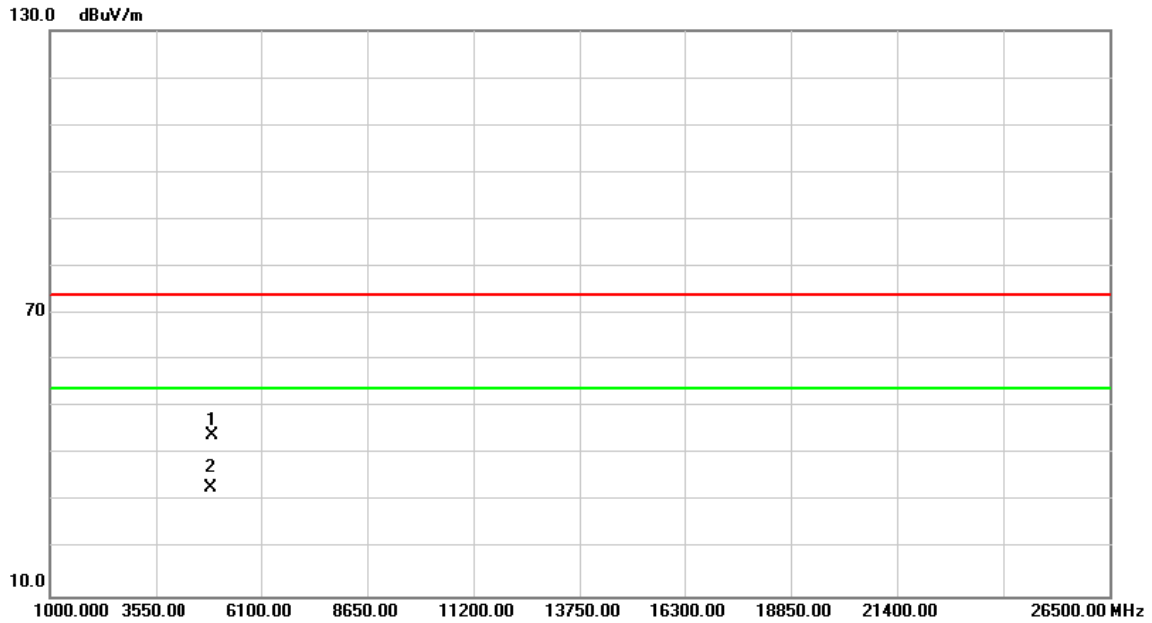
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	39.40	4.71	44.11	74.00	-29.89	peak	
2	*	4924.000	28.16	4.71	32.87	54.00	-21.13	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
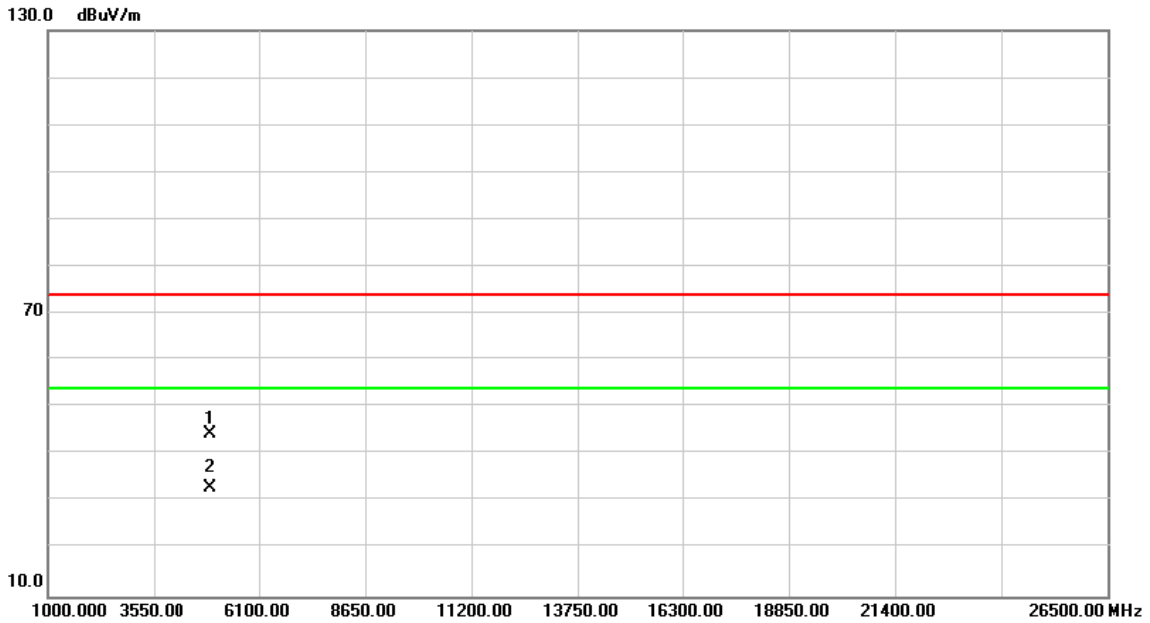
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	39.54	4.71	44.25	74.00	-29.75	peak	
2	*	4924.000	28.28	4.71	32.99	54.00	-21.01	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Vertical
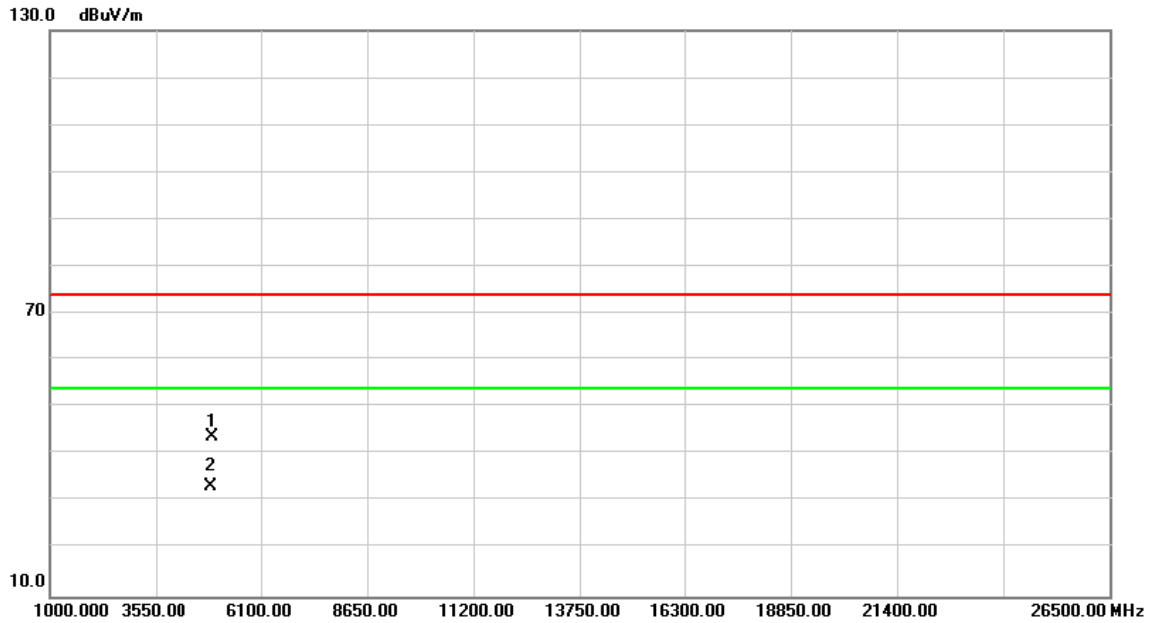
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4934.000	38.92	4.74	43.66	74.00	-30.34	peak	
2	*	4934.000	28.40	4.74	33.14	54.00	-20.86	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Horizontal
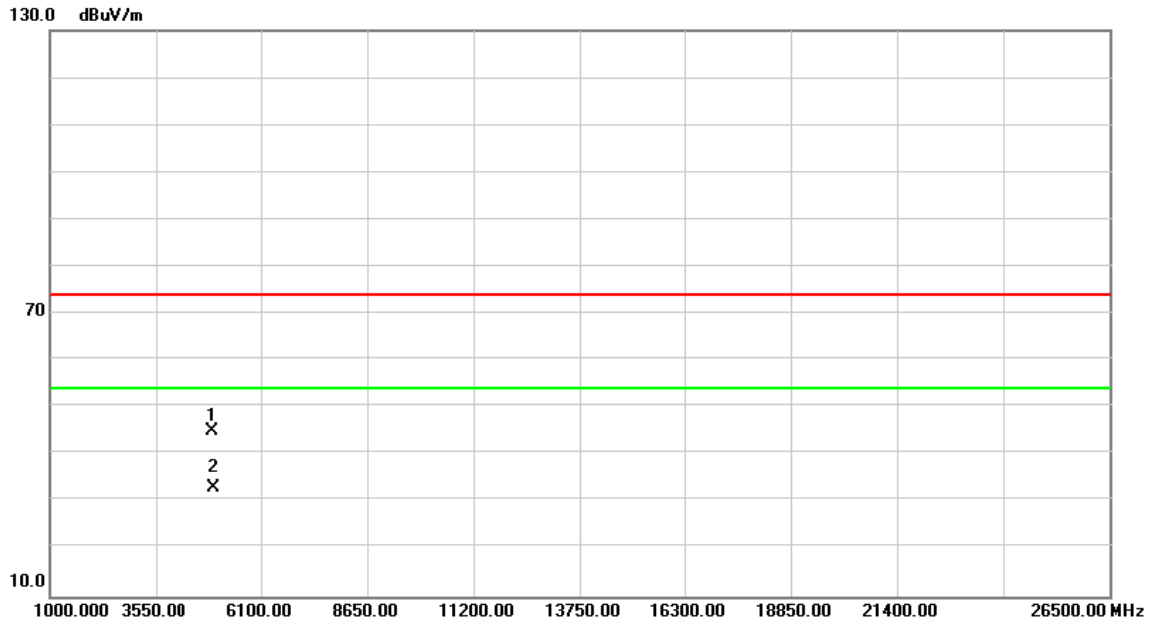
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	40.22	4.74	44.96	74.00	-29.04	peak	
2	*	4934.000	28.18	4.74	32.92	54.00	-21.08	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH13: 2472 MHz	Polarization	Vertical
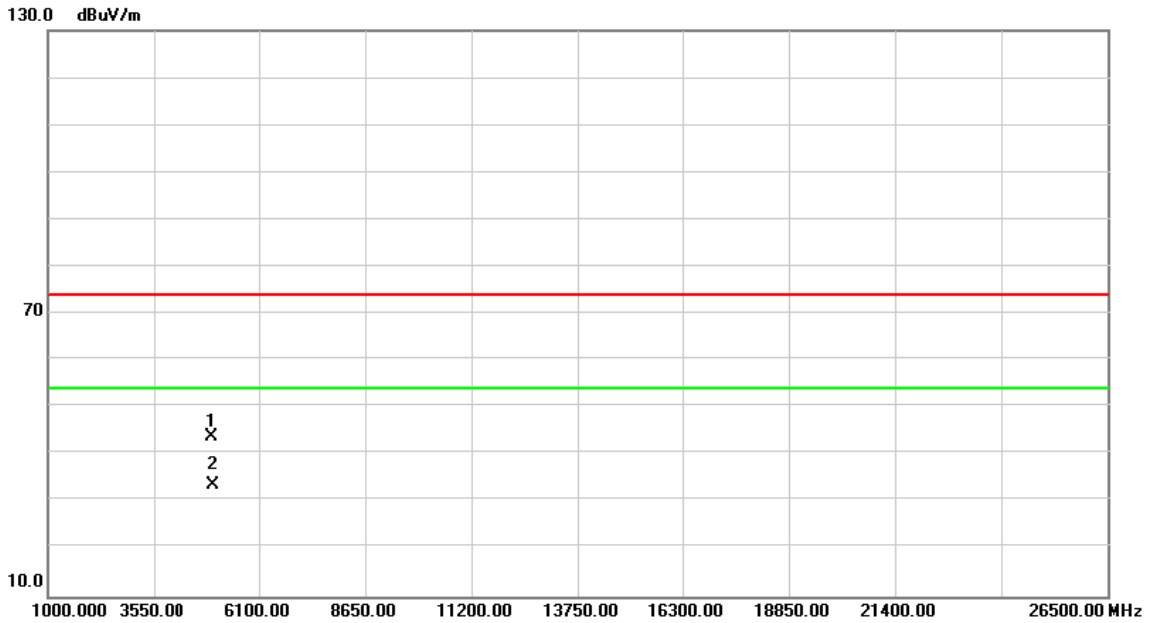
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	39.07	4.77	43.84	74.00	-30.16	peak	
2	*	4944.000	28.76	4.77	33.53	54.00	-20.47	AVG	

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2021/4/23
Test Frequency	CH13: 2472 MHz	Polarization	Horizontal
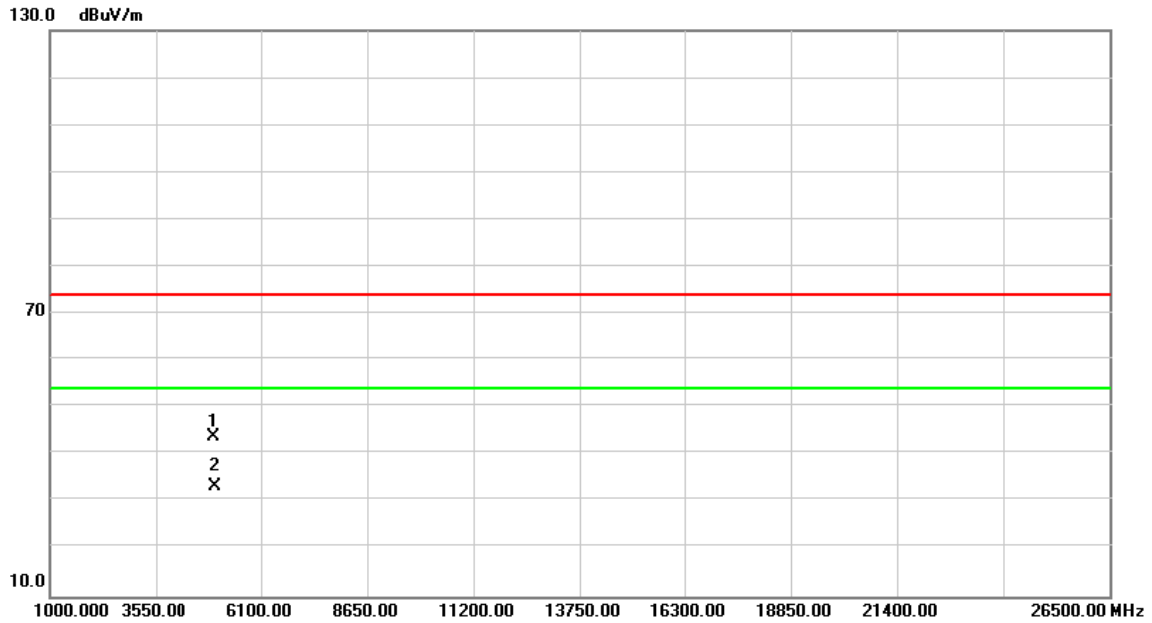
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4944.000	38.96	4.77	43.73	74.00	-30.27	peak	
2	*	4944.000	28.36	4.77	33.13	54.00	-20.87	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH03: 2422 MHz	Polarization	Vertical
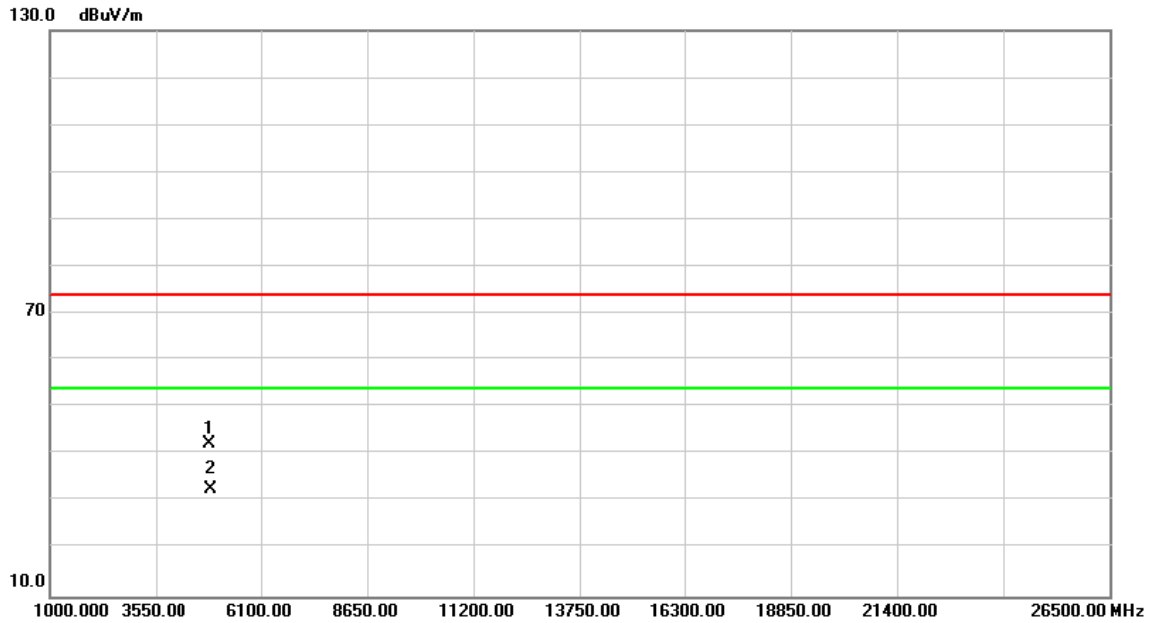
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	37.83	4.51	42.34	74.00	-31.66	peak	
2	*	4844.000	28.17	4.51	32.68	54.00	-21.32	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH03: 2422 MHz	Polarization	Horizontal
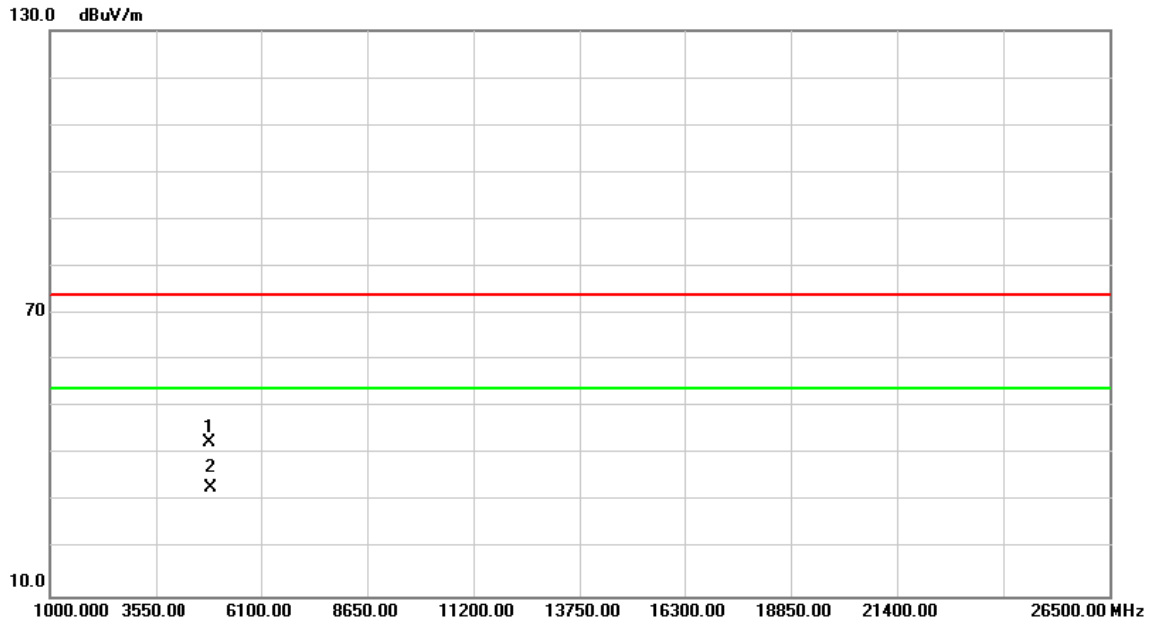
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4844.000	37.98	4.51	42.49	74.00	-31.51	peak	
2	*	4844.000	28.32	4.51	32.83	54.00	-21.17	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Vertical
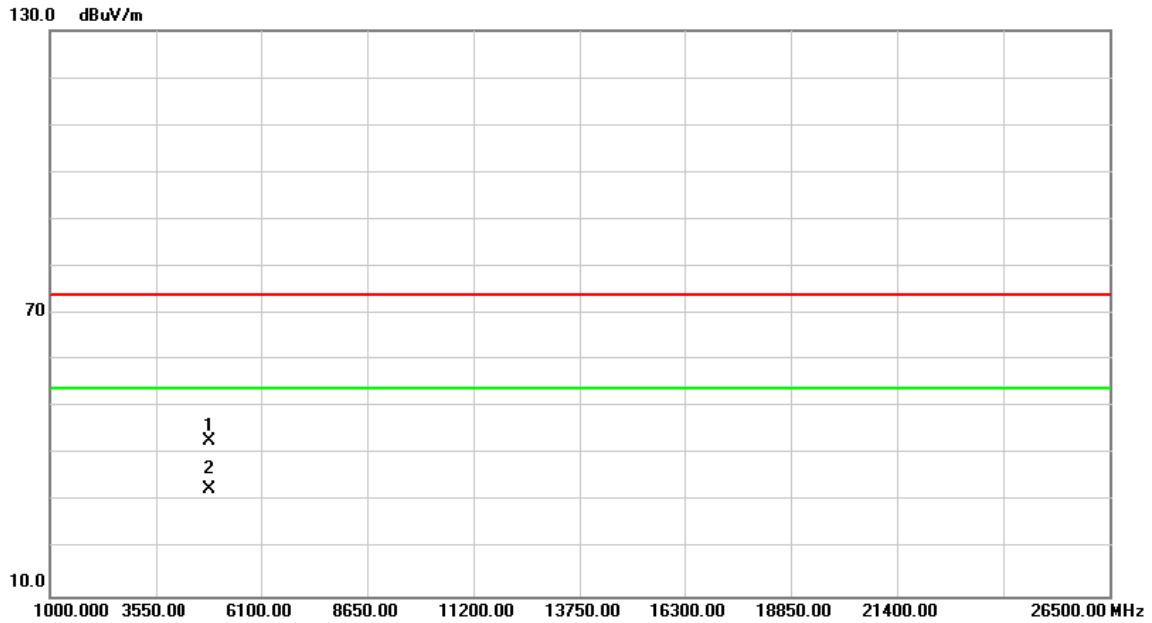
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.41	4.58	42.99	74.00	-31.01	peak	
2	*	4874.000	28.14	4.58	32.72	54.00	-21.28	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Horizontal
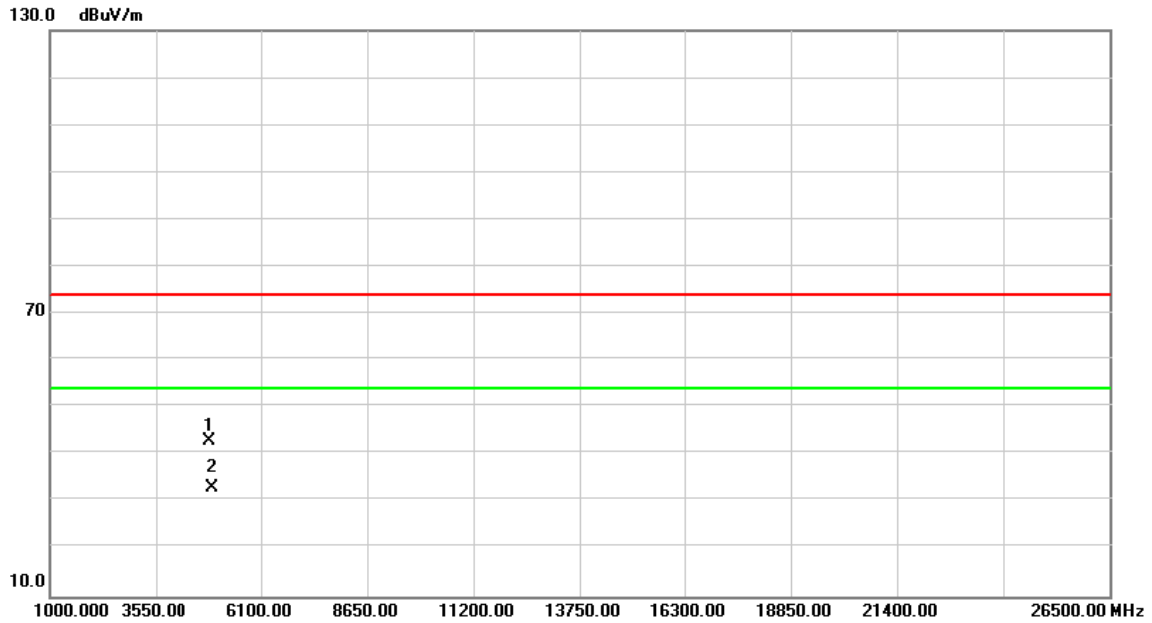
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.29	4.58	42.87	74.00	-31.13	peak	
2	*	4874.000	28.38	4.58	32.96	54.00	-21.04	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH09: 2452 MHz	Polarization	Vertical
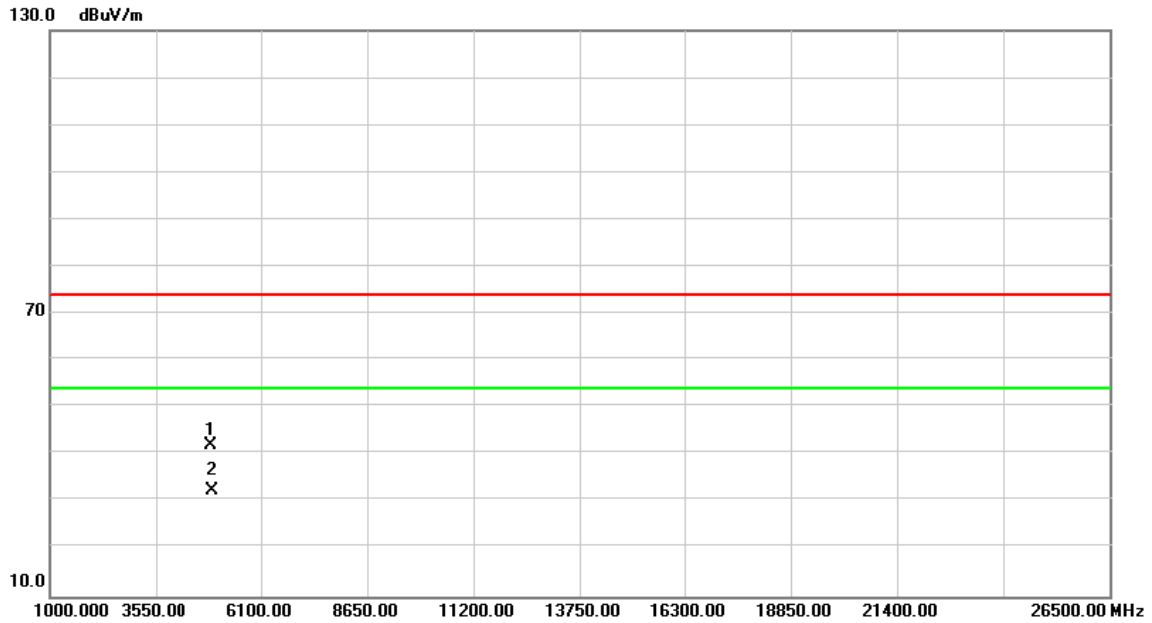
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	37.36	4.66	42.02	74.00	-31.98	peak	
2	*	4904.000	27.74	4.66	32.40	54.00	-21.60	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH09: 2452 MHz	Polarization	Horizontal
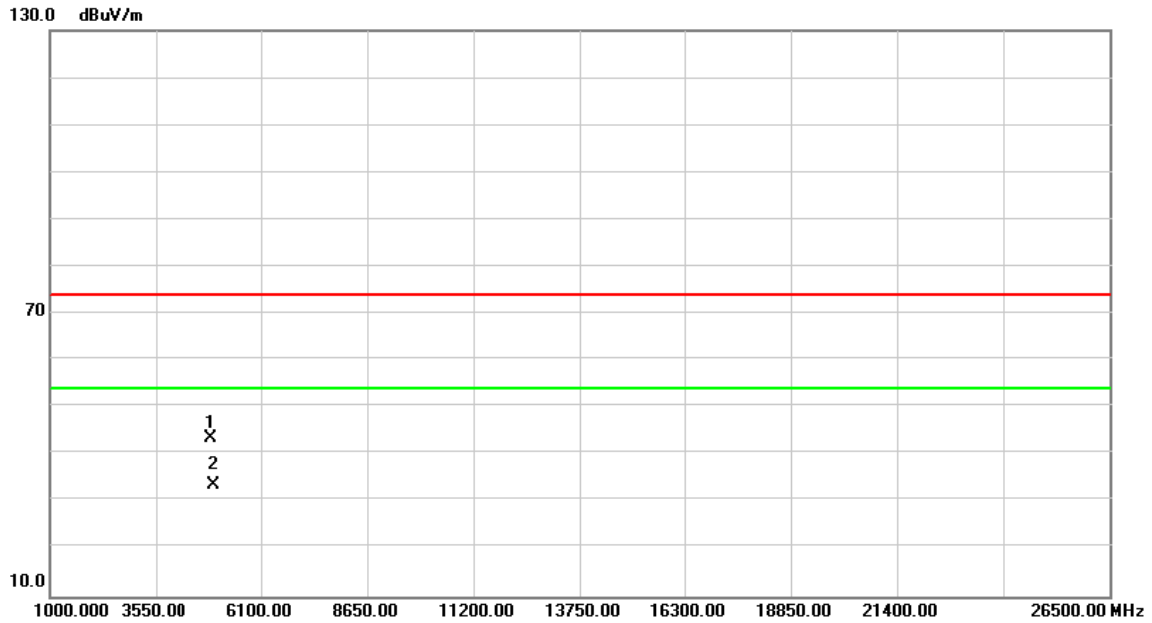
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4904.000	38.73	4.66	43.39	74.00	-30.61	peak	
2	*	4904.000	28.86	4.66	33.52	54.00	-20.48	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH10: 2457 MHz	Polarization	Vertical
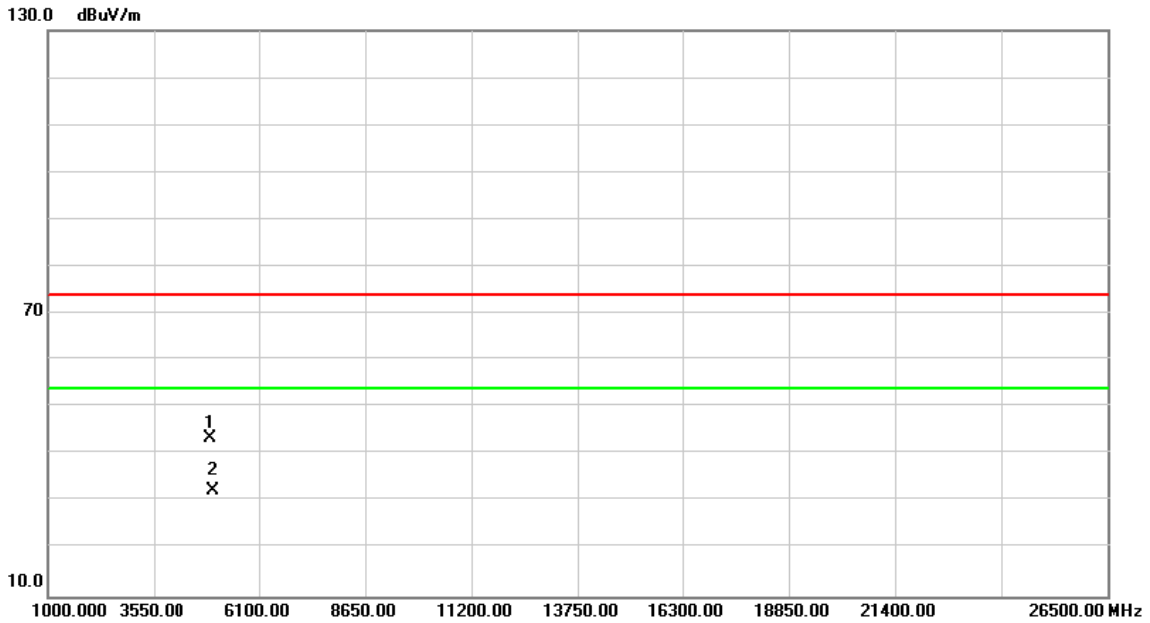
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	38.88	4.69	43.57	74.00	-30.43	peak	
2	*	4914.000	27.65	4.69	32.34	54.00	-21.66	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH10: 2457 MHz	Polarization	Horizontal
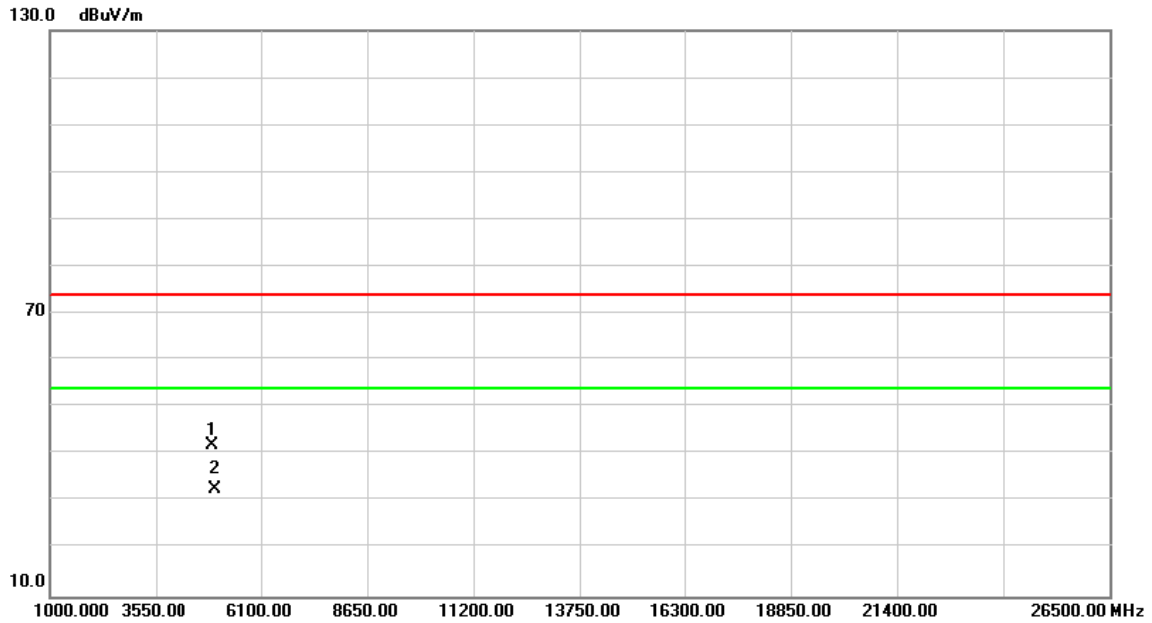
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4914.000	37.29	4.69	41.98	74.00	-32.02	peak	
2	*	4914.000	27.84	4.69	32.53	54.00	-21.47	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Vertical
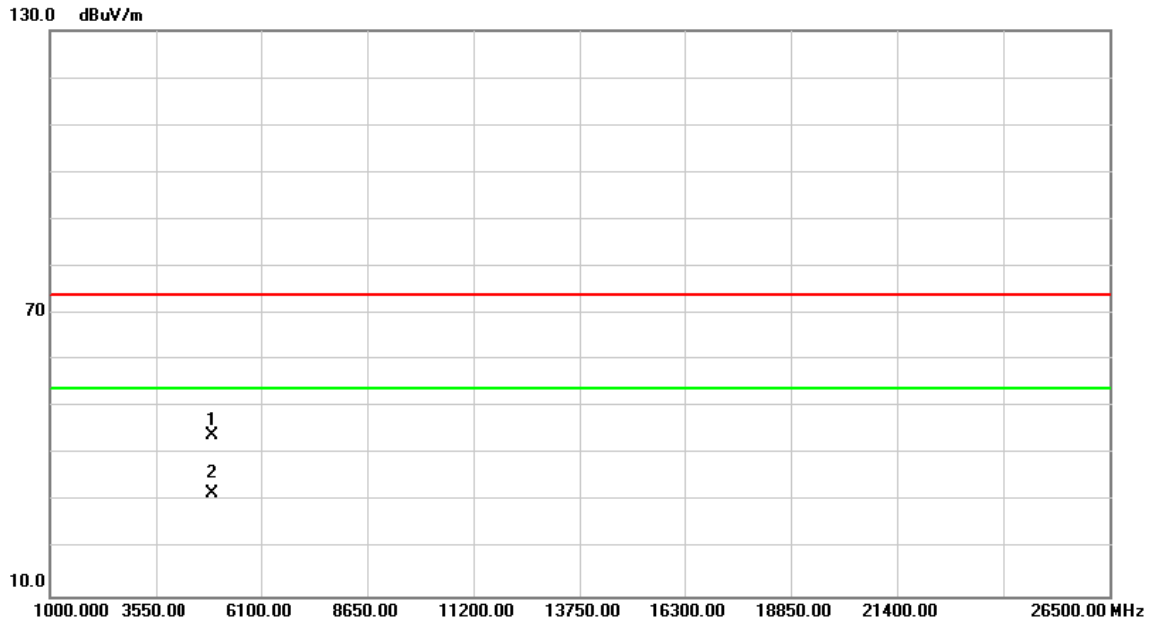
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	39.20	4.71	43.91	74.00	-30.09	peak	
2	*	4924.000	26.94	4.71	31.65	54.00	-22.35	AVG	

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
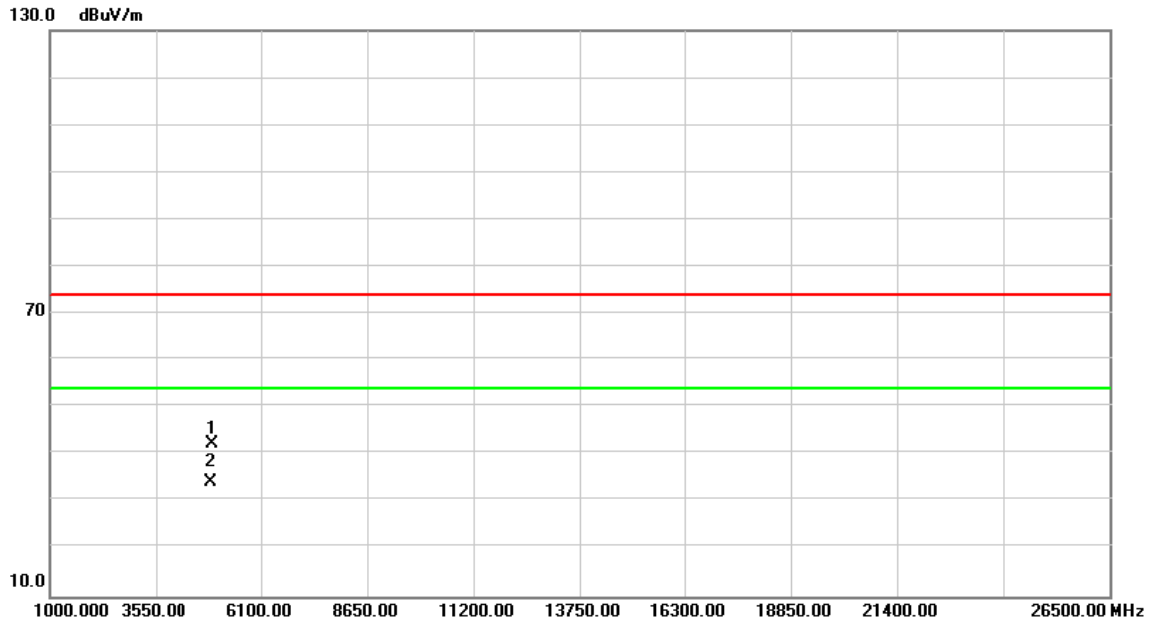
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	37.61	4.71	42.32	74.00	-31.68	peak	
2	*	4924.000	29.34	4.71	34.05	54.00	-19.95	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Vertical
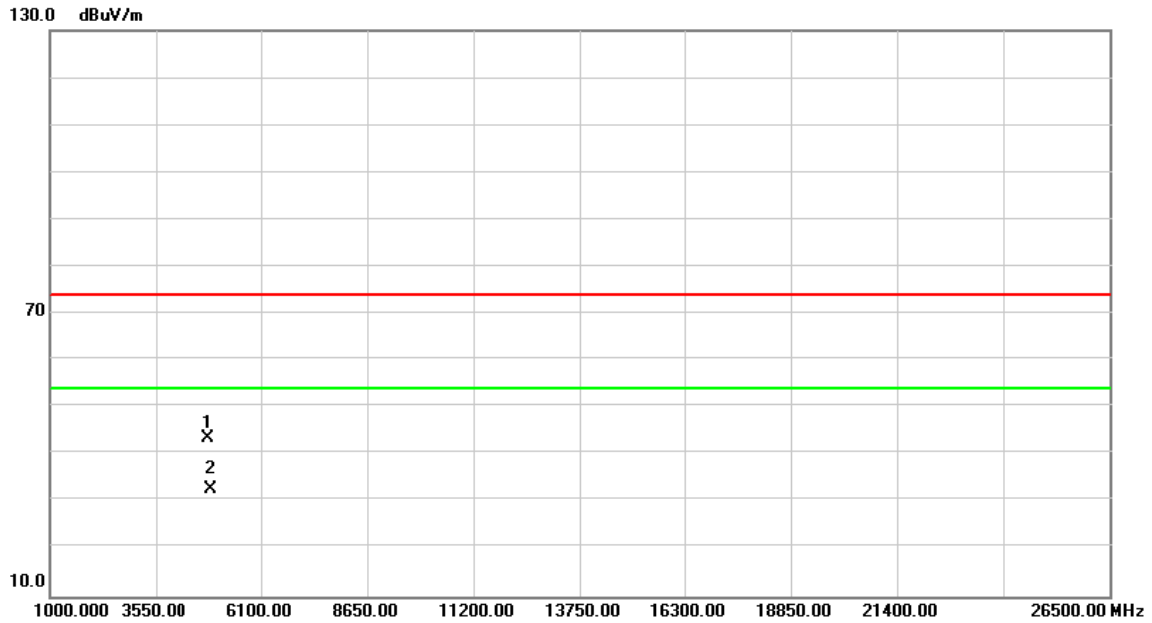
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4824.000	39.02	4.45	43.47	74.00	-30.53	peak	
2	*	4824.000	28.24	4.45	32.69	54.00	-21.31	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH01: 2412 MHz	Polarization	Horizontal
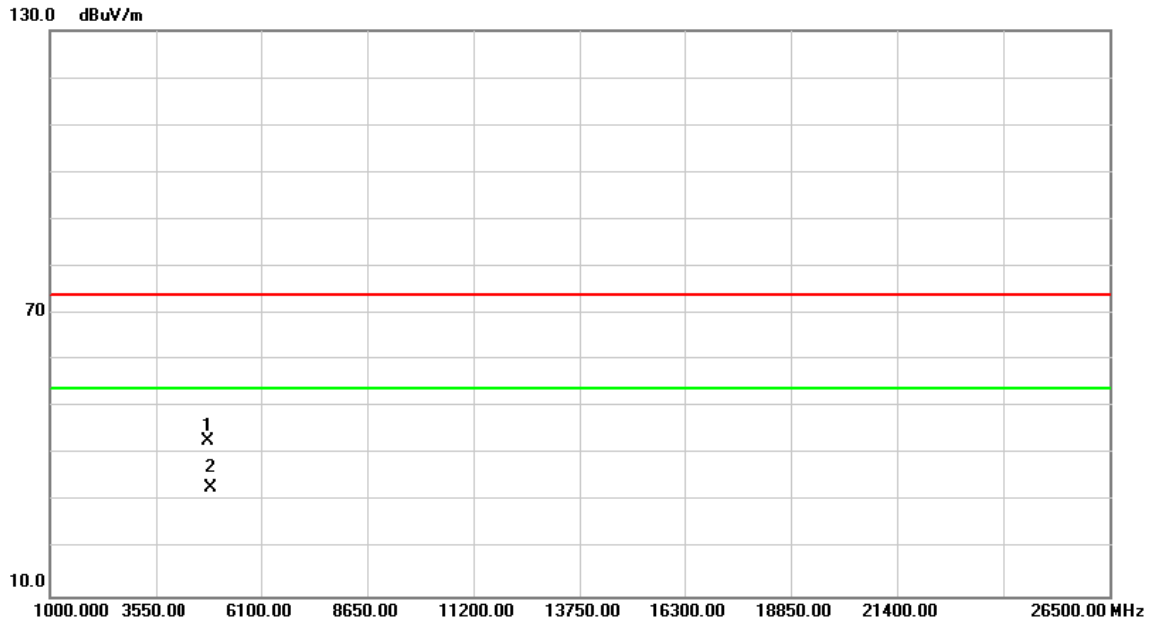
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4824.000	38.33	4.45	42.78	74.00	-31.22	peak	
2	*	4824.000	28.56	4.45	33.01	54.00	-20.99	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Vertical
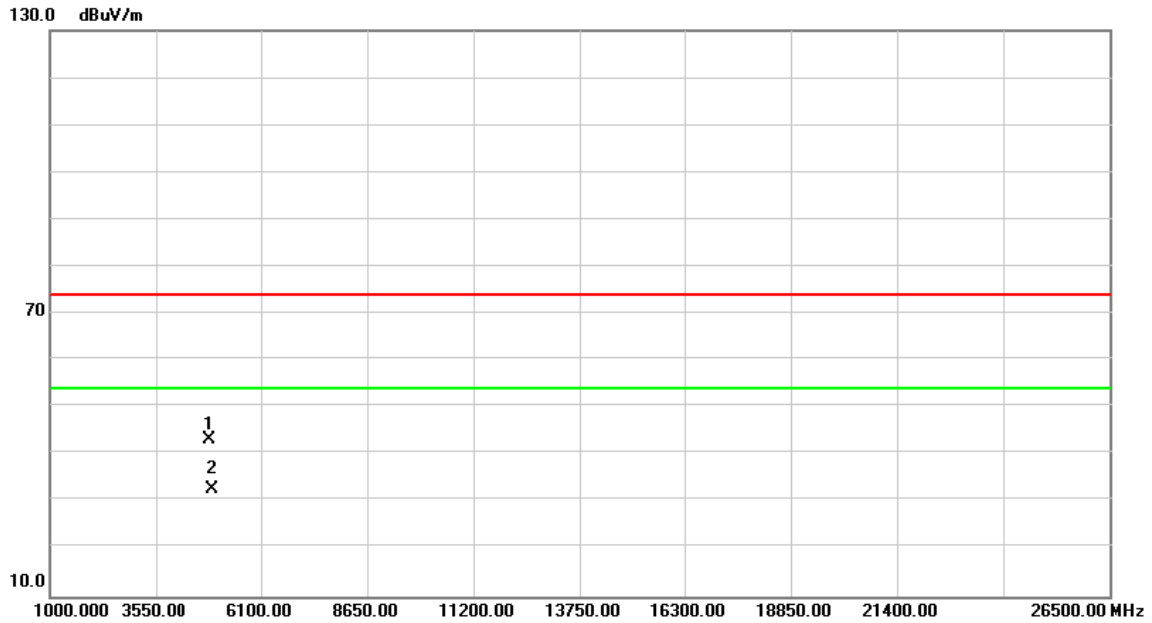
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.60	4.58	43.18	74.00	-30.82	peak	
2	*	4874.000	28.20	4.58	32.78	54.00	-21.22	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Horizontal
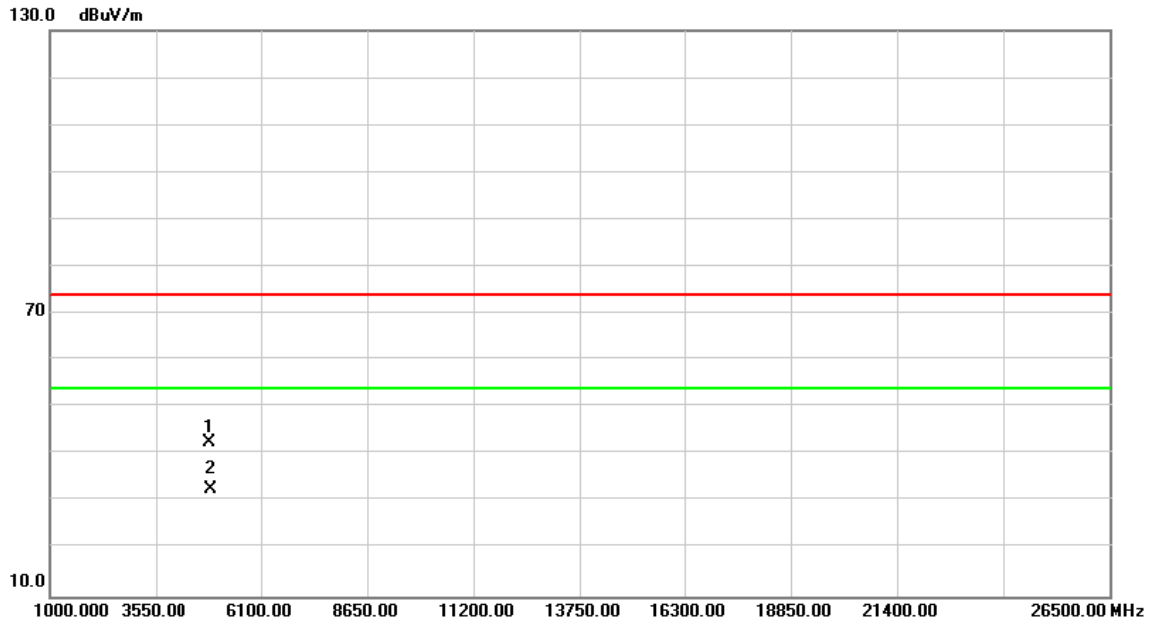
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.06	4.58	42.64	74.00	-31.36	peak	
2	*	4874.000	28.16	4.58	32.74	54.00	-21.26	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Vertical
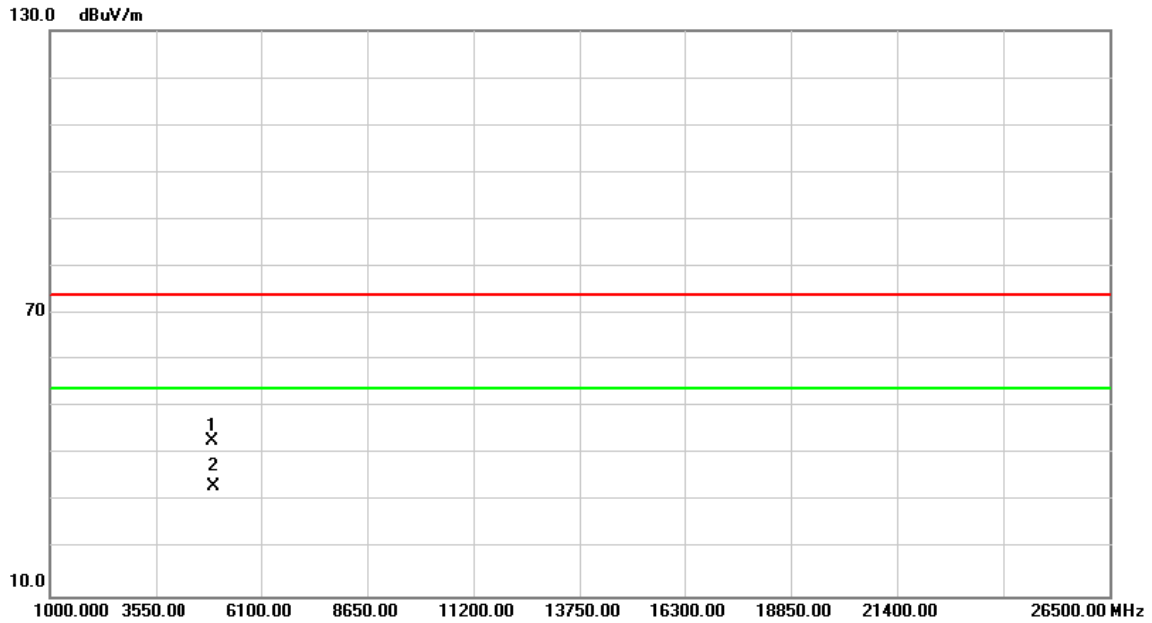
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	38.08	4.71	42.79	74.00	-31.21	peak	
2	*	4924.000	28.40	4.71	33.11	54.00	-20.89	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
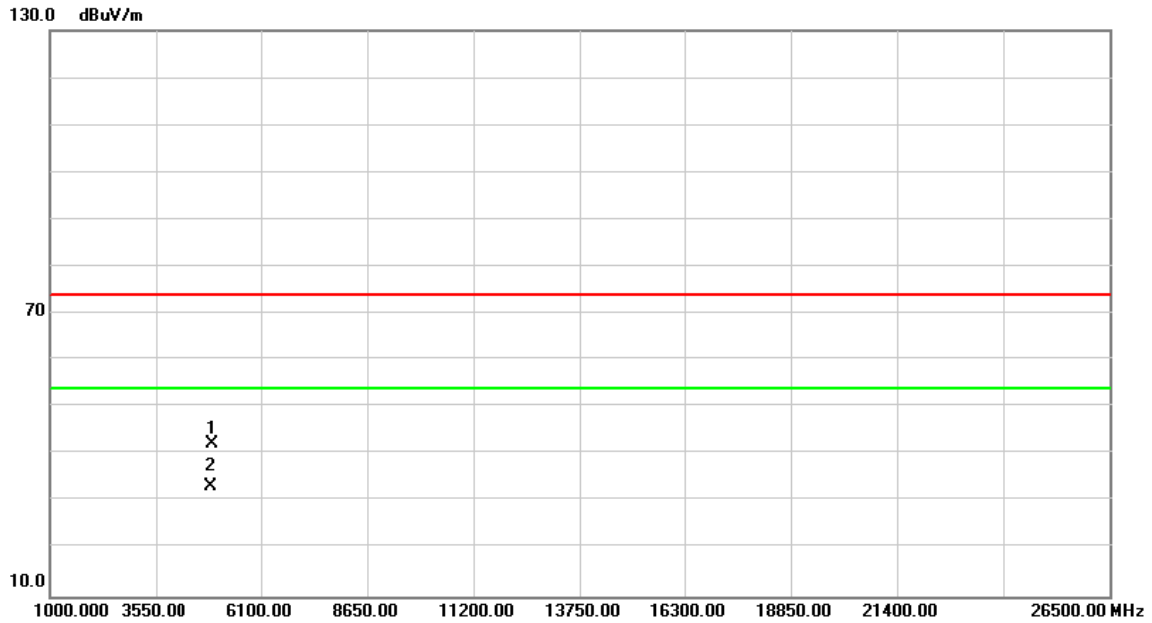
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	37.46	4.71	42.17	74.00	-31.83	peak	
2	*	4924.000	28.48	4.71	33.19	54.00	-20.81	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Vertical
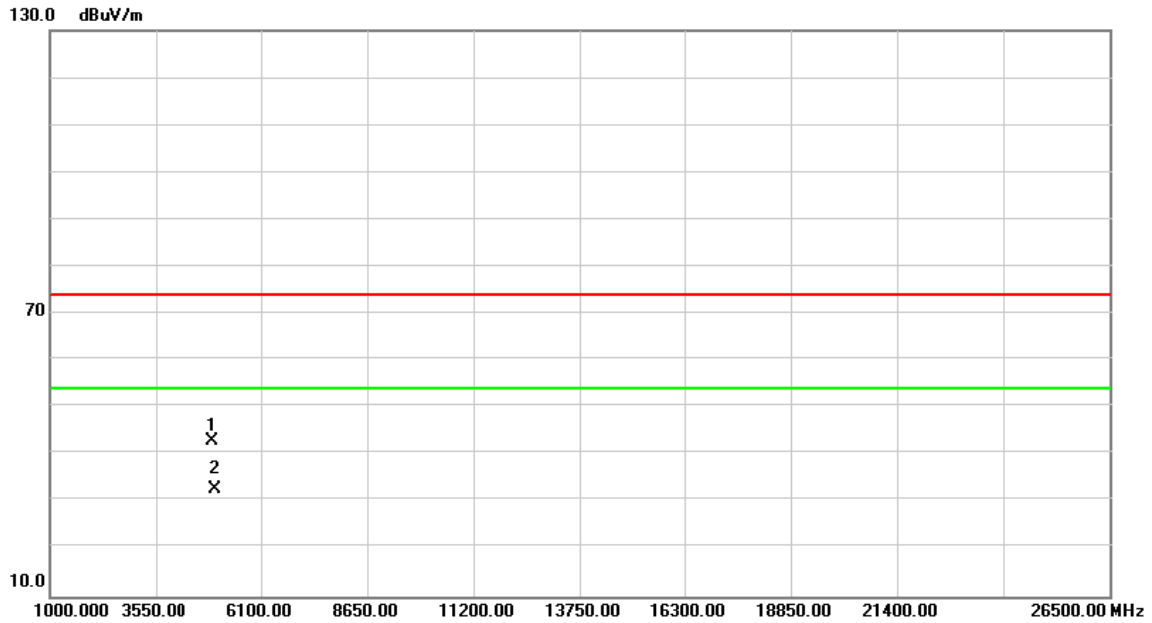
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4934.000	38.03	4.74	42.77	74.00	-31.23	peak	
2	*	4934.000	27.91	4.74	32.65	54.00	-21.35	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH12: 2467 MHz	Polarization	Horizontal
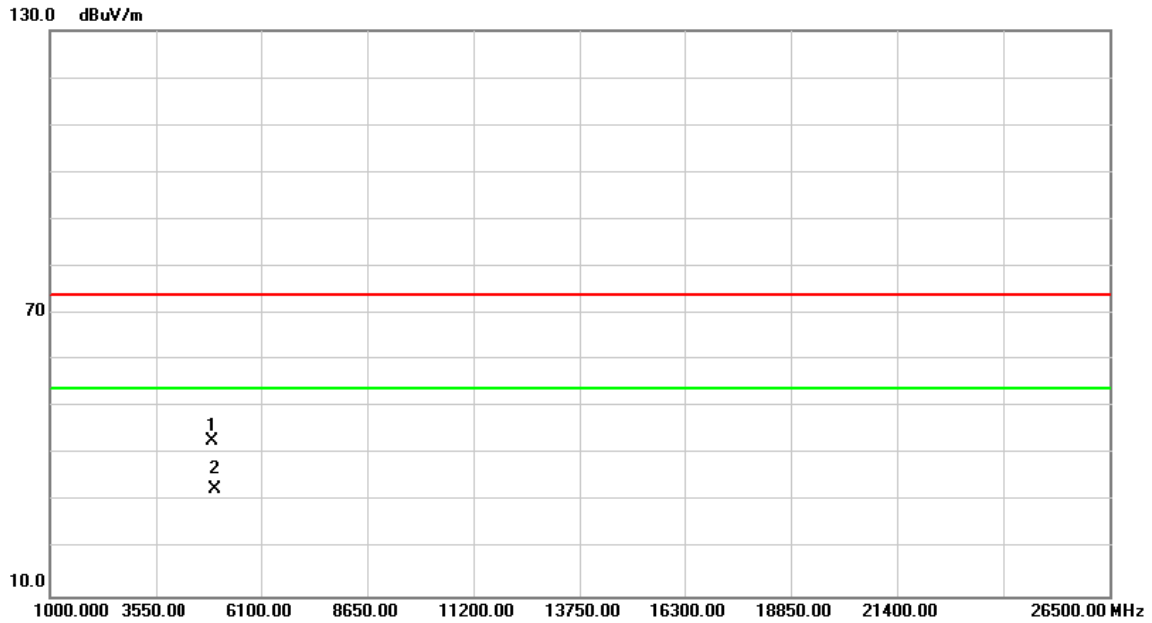
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4934.000	38.19	4.74	42.93	74.00	-31.07	peak	
2	*	4934.000	28.03	4.74	32.77	54.00	-21.23	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH13: 2462 MHz	Polarization	Vertical
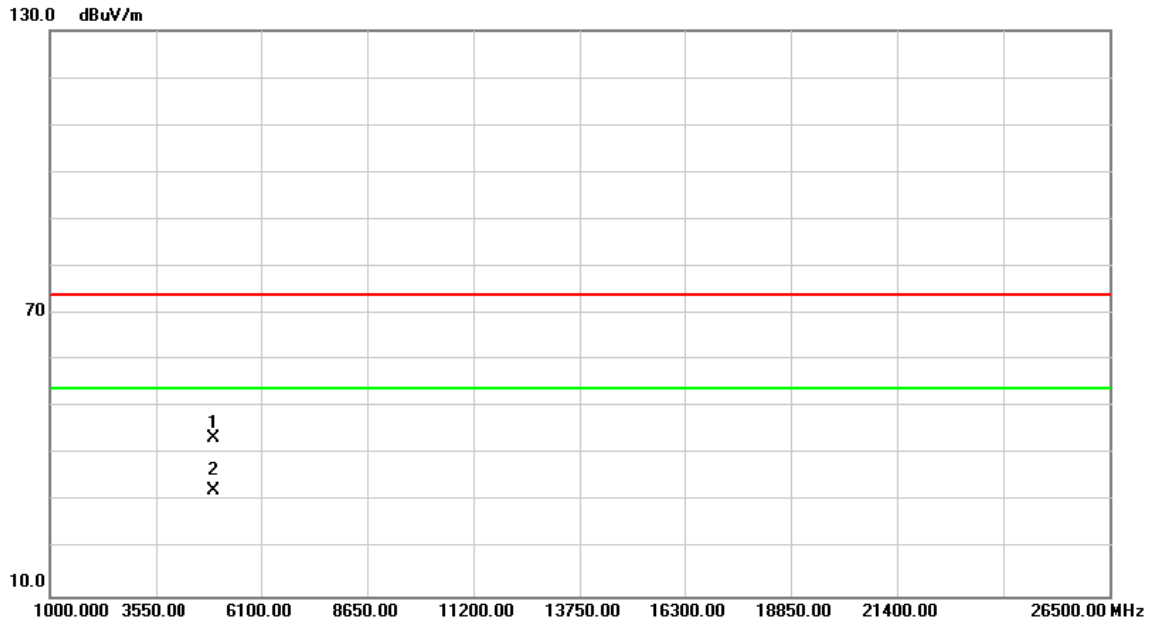
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4944.000	38.61	4.77	43.38	74.00	-30.62	peak	
2	*	4944.000	27.57	4.77	32.34	54.00	-21.66	AVG	

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

Test Mode	IEEE 802.11ax (HEW20)	Test Date	2021/4/23
Test Frequency	CH13: 2462 MHz	Polarization	Horizontal
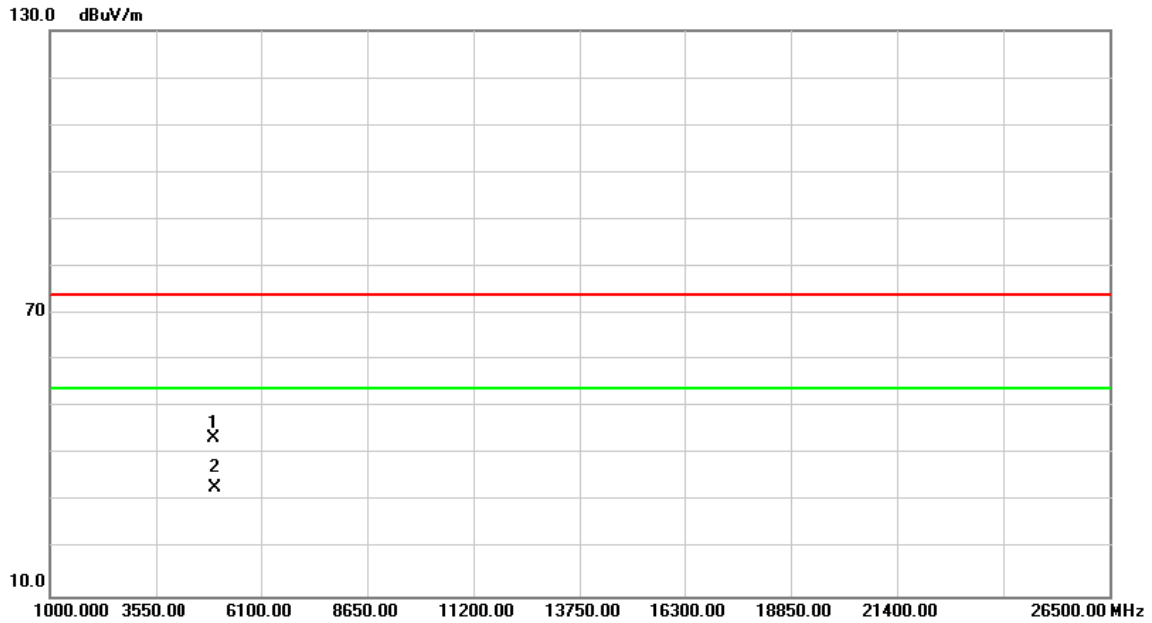
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4944.000	38.58	4.77	43.35	74.00	-30.65	peak	
2	*	4944.000	28.29	4.77	33.06	54.00	-20.94	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH03: 2422 MHz	Polarization	Vertical
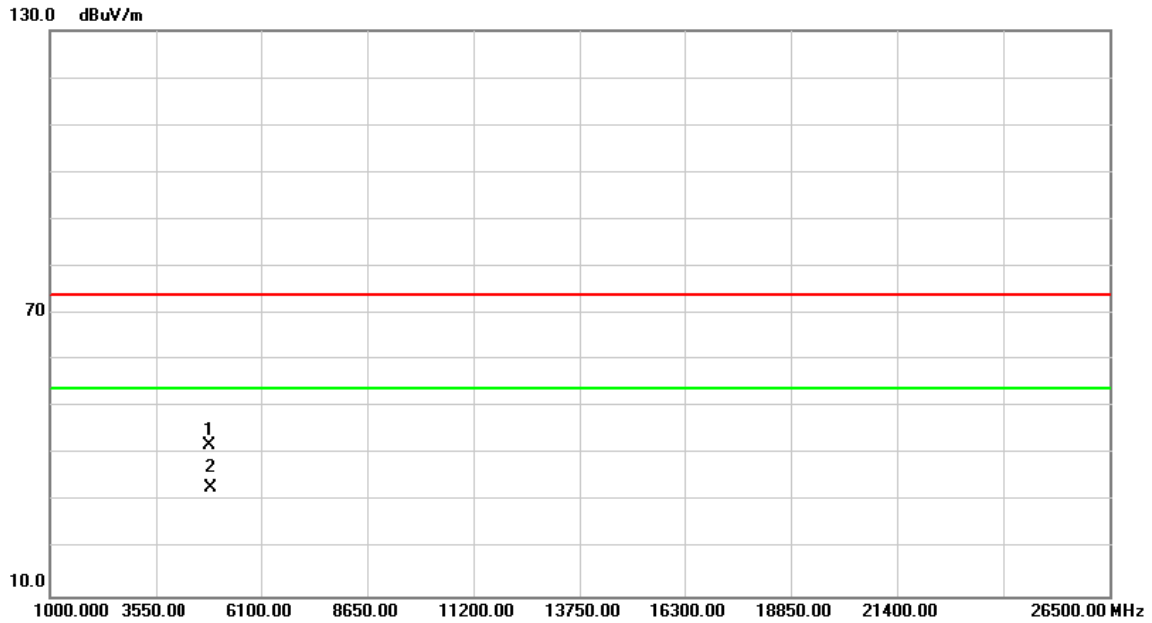
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4844.000	37.49	4.51	42.00	74.00	-32.00	peak	
2	*	4844.000	28.31	4.51	32.82	54.00	-21.18	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH03: 2422 MHz	Polarization	Horizontal
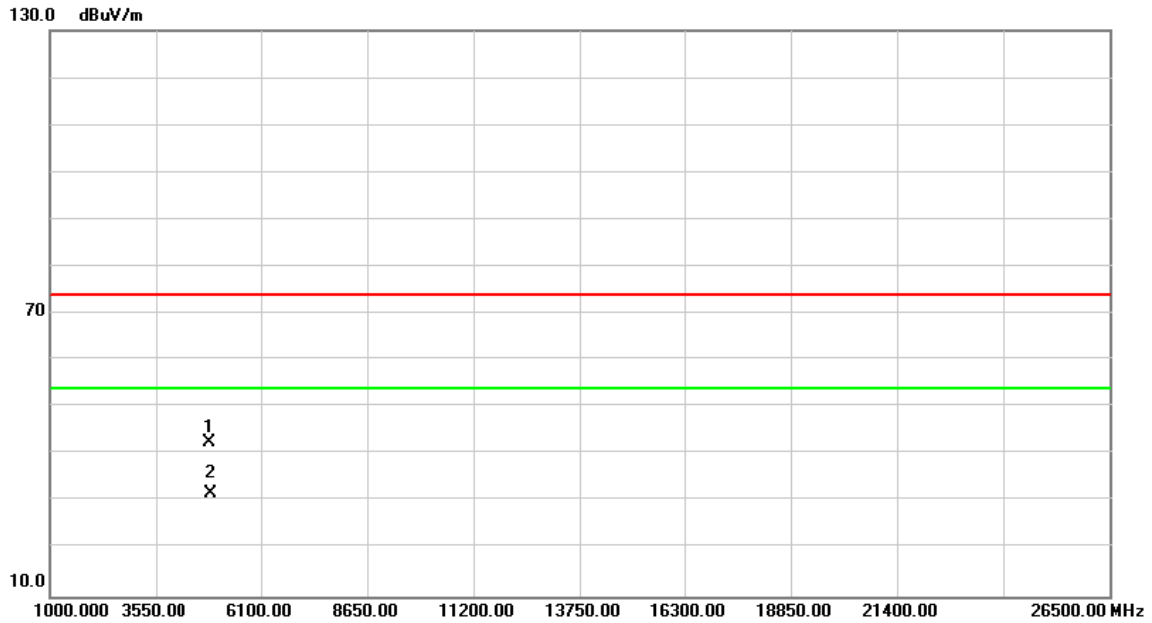
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4844.000	38.14	4.51	42.65	74.00	-31.35	peak	
2	*	4844.000	27.29	4.51	31.80	54.00	-22.20	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Vertical
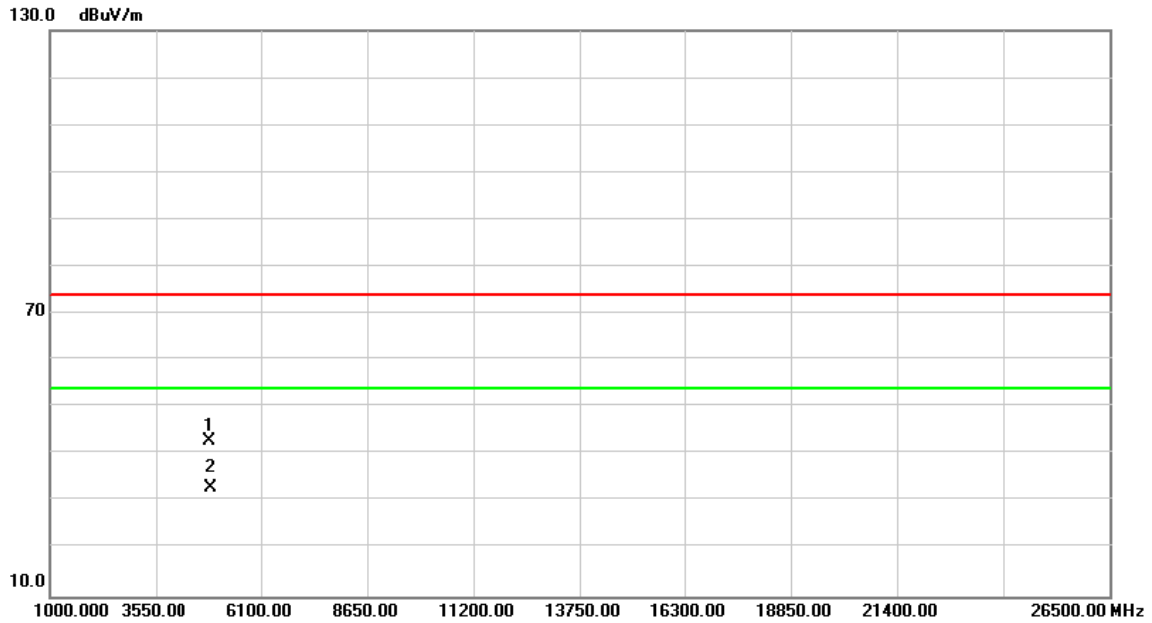
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.24	4.58	42.82	74.00	-31.18	peak	
2	*	4874.000	28.30	4.58	32.88	54.00	-21.12	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH06: 2437 MHz	Polarization	Horizontal
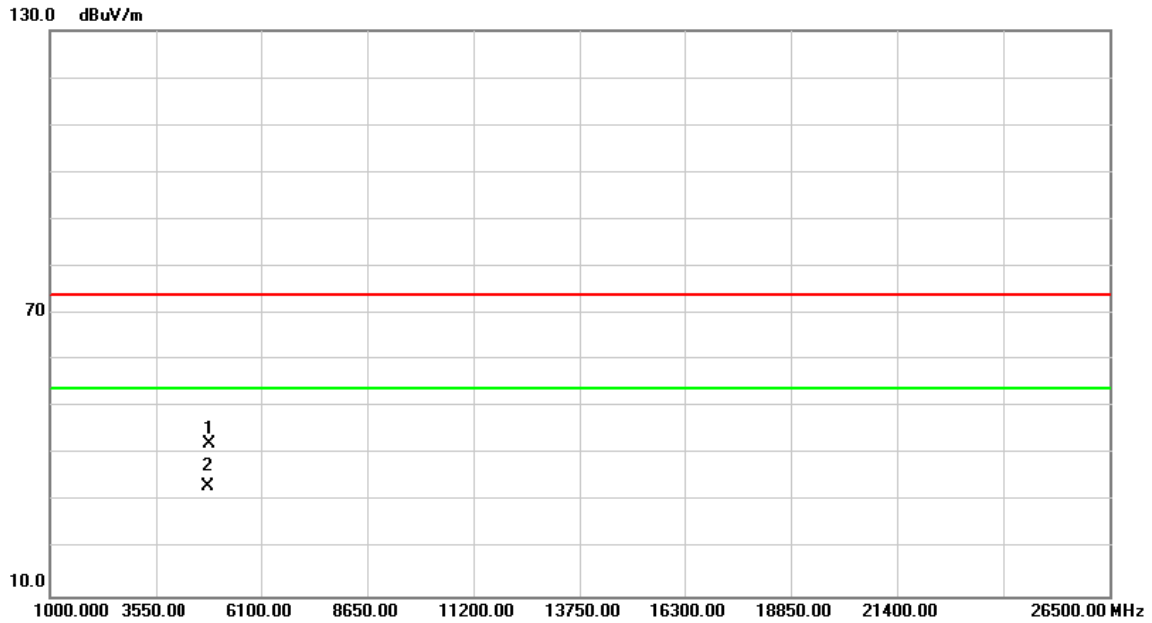
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	37.77	4.58	42.35	74.00	-31.65	peak	
2	*	4874.000	28.60	4.58	33.18	54.00	-20.82	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH09: 2452 MHz	Polarization	Vertical
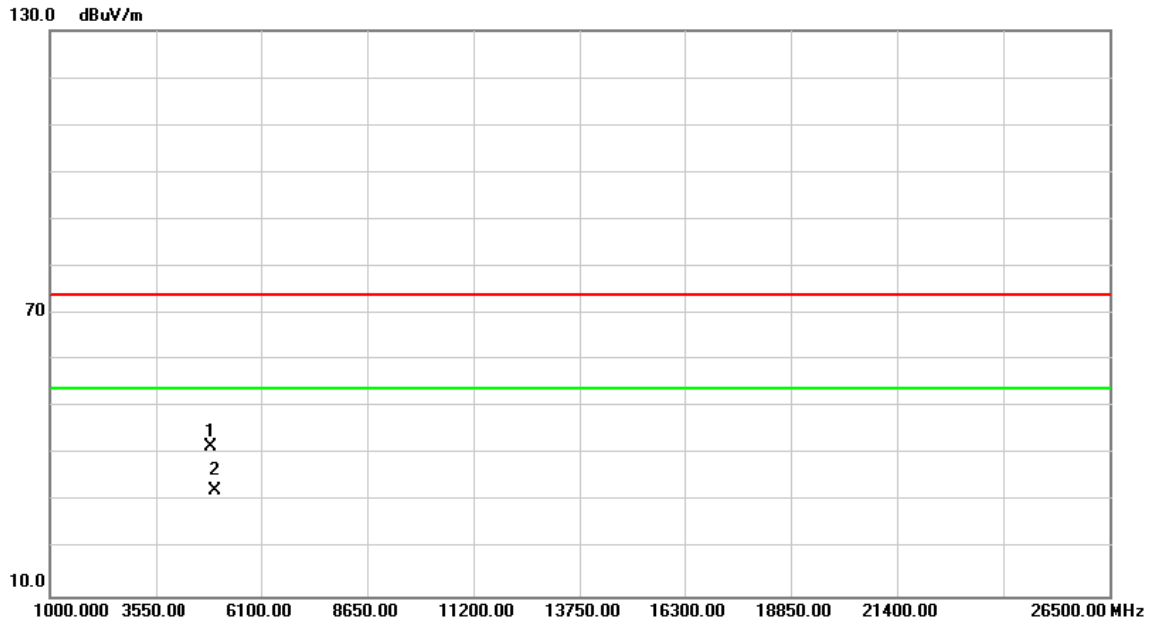
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	36.96	4.66	41.62	74.00	-32.38	peak	
2	*	4904.000	27.74	4.66	32.40	54.00	-21.60	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH09: 2452 MHz	Polarization	Horizontal
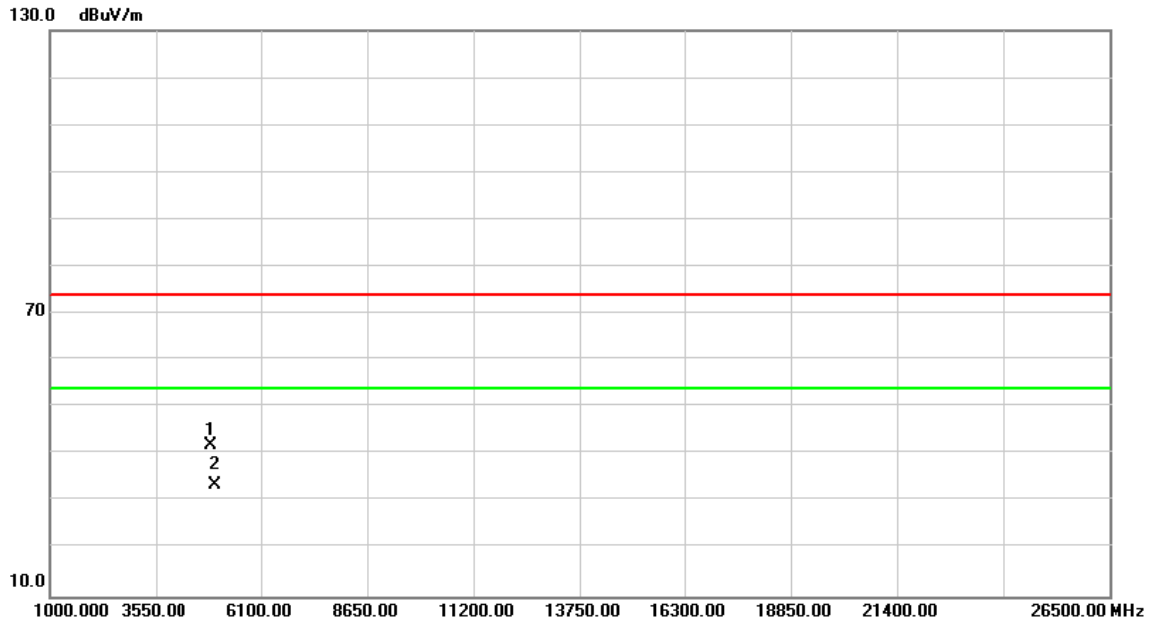
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4904.000	37.42	4.66	42.08	74.00	-31.92	peak	
2	*	4904.000	28.87	4.66	33.53	54.00	-20.47	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH10: 2457 MHz	Polarization	Vertical
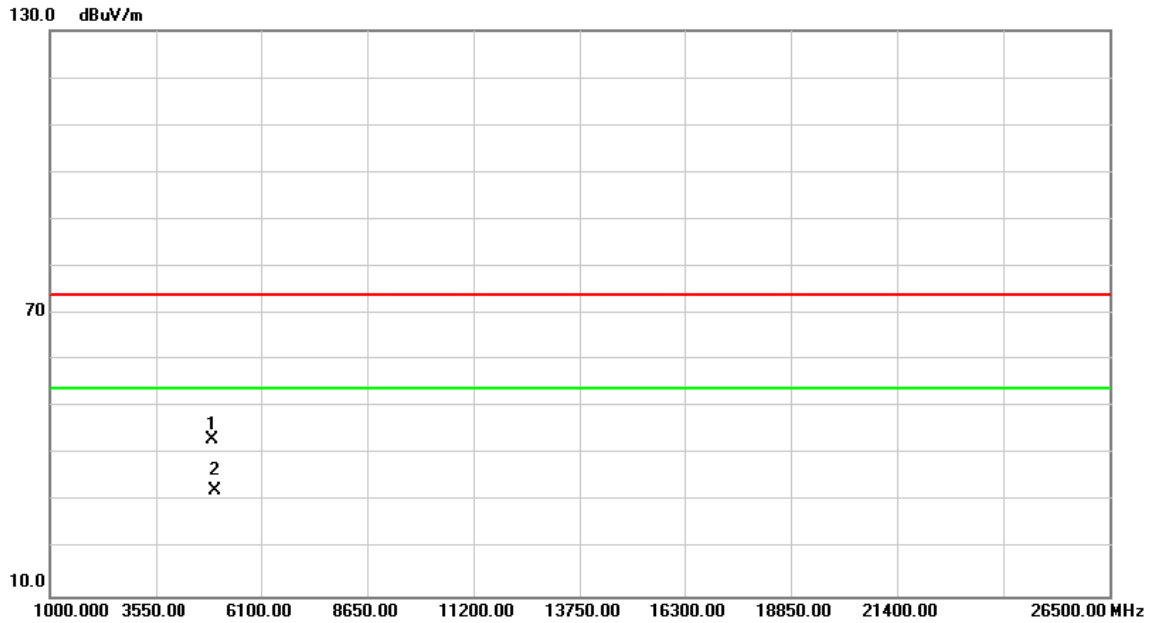
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4914.000	38.56	4.69	43.25	74.00	-30.75	peak	
2	*	4914.000	27.60	4.69	32.29	54.00	-21.71	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH10: 2457 MHz	Polarization	Horizontal
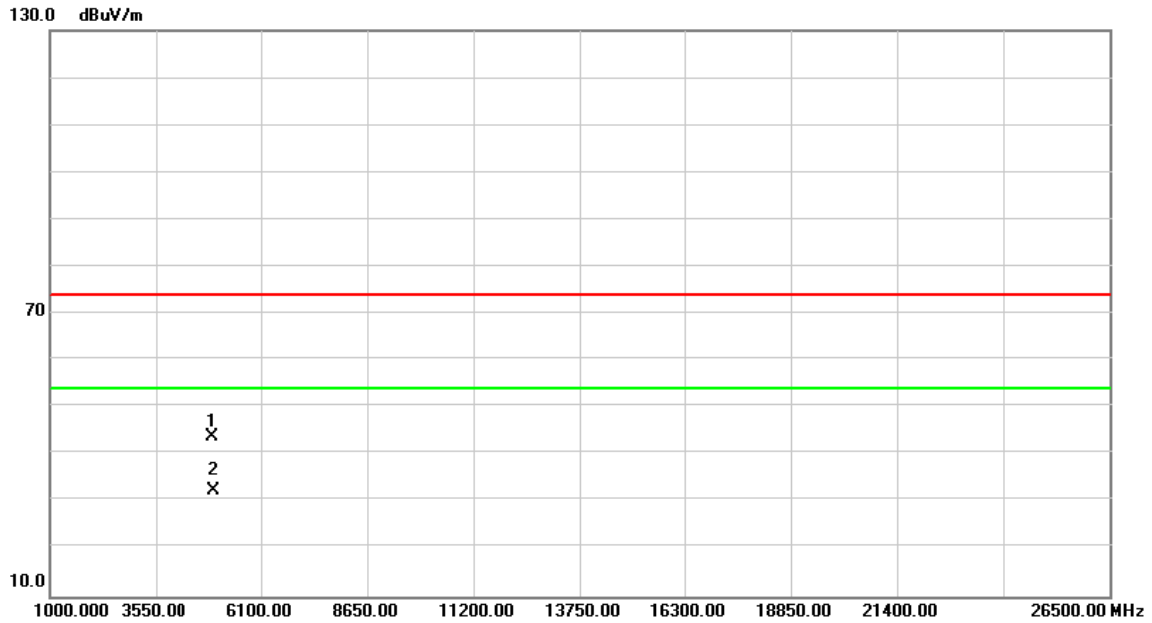
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.000	39.09	4.69	43.78	74.00	-30.22	peak	
2	*	4914.000	27.68	4.69	32.37	54.00	-21.63	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Vertical
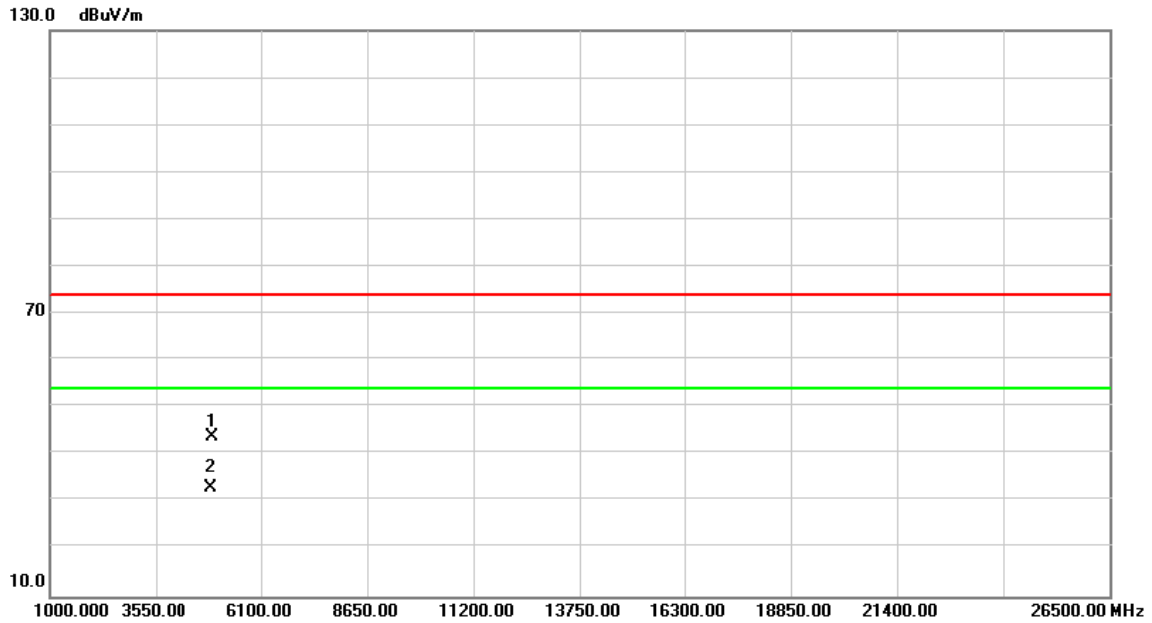
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4924.000	39.01	4.71	43.72	74.00	-30.28	peak	
2	*	4924.000	28.26	4.71	32.97	54.00	-21.03	AVG	

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

Test Mode	IEEE 802.11ax (HEW40)	Test Date	2021/4/23
Test Frequency	CH11: 2462 MHz	Polarization	Horizontal
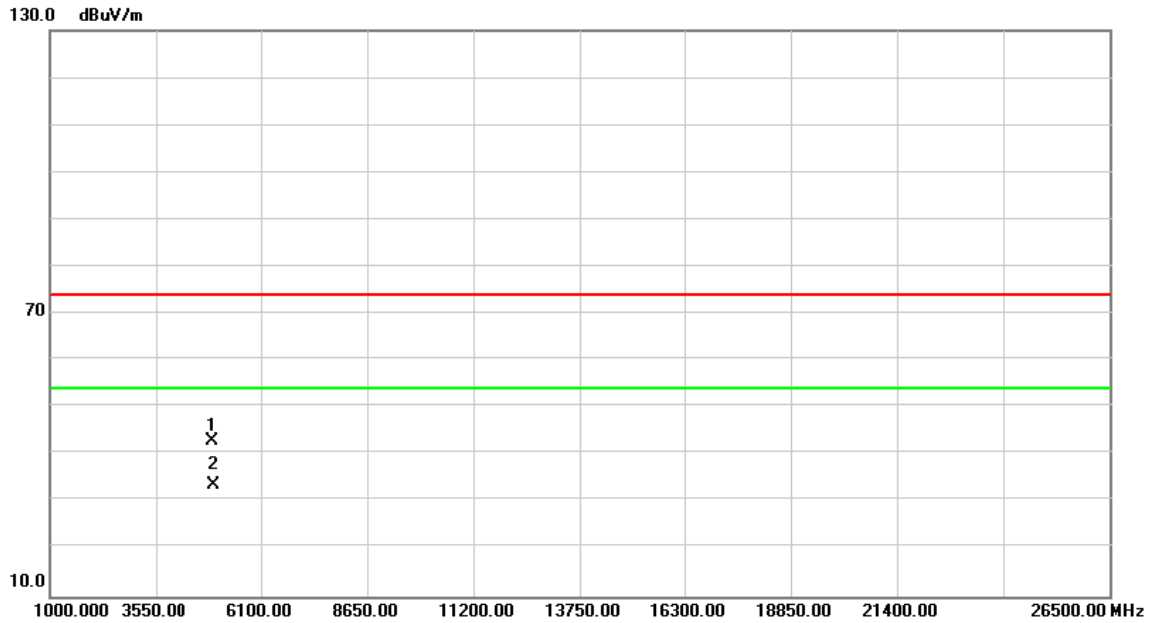
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		4924.000	38.22	4.71	42.93	74.00	-31.07	peak	
2	*	4924.000	28.72	4.71	33.43	54.00	-20.57	AVG	

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

End of Test Report