

FCC Radio Test Report

FCC ID: TQYAP6256

Report No. : BTL-FCCP-4-2012T001
Equipment : SMART SPEAKER
Model Name : JS1830, JS1832, TD-9016A, CS10
Brand Name : JS, FORA, A1 CAREGIVER
Applicant : Jazz Hipster Corporation
Address : 2Fd, No.512, Yuan-San Rd. Chung-Ho City, Taipei Hsien, Taiwan

Radio Function : RLAN 5 GHz (U-NII 1, U-NII 2A, U-NII 2C, U-NII 3)

FCC Rule Part(s) : FCC Part15, Subpart E (15.407)
Measurement Procedure(s) : ANSI C63.10-2013

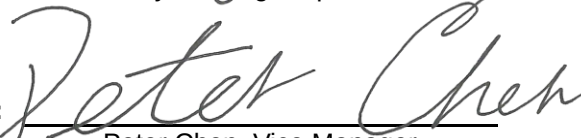
Date of Receipt : 2020/12/23
Date of Test : 2020/12/23 ~ 2021/7/28
Issued Date : 2021/8/17

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).

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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-4-2012T001	R00	Original Report.	2021/8/17

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

FCC Part 15, Subpart E (15.407)				
Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.205 15.209 15.407(b)	Radiated Emissions	APPENDIX B APPENDIX C	Pass	-----
15.407(a)	Bandwidth	APPENDIX D	Pass	-----
15.407(a)	Output Power	APPENDIX E	Pass	-----
15.407(a)	Power Spectral Density	APPENDIX F	Pass	-----
15.203	Antenna Requirement	-----	Pass	-----
15.407(c)	Automatically Discontinue Transmission	-----	Pass	NOTE (3)

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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)
Occupied Bandwidth	0.5332
Output power	0.3669
Power Spectral Density	0.6590
Conducted Spurious emissions	0.5416
Conducted Band edges	0.5335
Frequency Stability	0.5333

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, 70 %	AC 120V	Paul Shen
Radiated emissions below 1 GHz	23 °C, 57 %	AC 120V	Hunter Chiang
Radiated emissions above 1 GHz	23~24 °C, 58~59 %	AC 120V	Hunter Chiang
Bandwidth	25.8 °C, 54 %	AC 120V	Paul Shen
Output Power	25.8 °C, 54 %	AC 120V	Paul Shen
Power Spectral Density	25.8 °C, 54 %	AC 120V	Paul Shen

1.4 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

UNII-1				
Test Software	PuTTY suite 0.63			
Mode	5180 MHz	5200 MHz	5240 MHz	Data Rate
IEEE 802.11a	13	21	21	6 Mbps
IEEE 802.11n (HT20)	13	21	21	MCS 0
Mode	5190 MHz	5230 MHz		Data Rate
IEEE 802.11n (HT40)	11	21		MCS 0
Mode	5210 MHz			Data Rate
IEEE 802.11ac (VHT80)	9			MCS 0

UNII-2A				
Test Software	PuTTY suite 0.63			
Mode	5260 MHz	5300 MHz	5320 MHz	Data Rate
IEEE 802.11a	21	21	16	6 Mbps
IEEE 802.11n (HT20)	21	21	15	MCS 0
Mode	5270 MHz	5310 MHz		Data Rate
IEEE 802.11n (HT40)	17	11		MCS 0
Mode	5290 MHz			Data Rate
IEEE 802.11ac (VHT80)	11			MCS 0

UNII-2C				
Test Software	PuTTY suite 0.63			
Mode	5500 MHz	5580 MHz	5700 MHz	Data Rate
IEEE 802.11a	16	21	13	6 Mbps
IEEE 802.11n (HT20)	15	21	13	MCS 0
Mode	5510 MHz	5550 MHz	5670 MHz	Data Rate
IEEE 802.11n (HT40)	13	21	15	MCS 0
Mode	5530 MHz	5610 MHz		Data Rate
IEEE 802.11ac (VHT80)	12	12		MCS 0

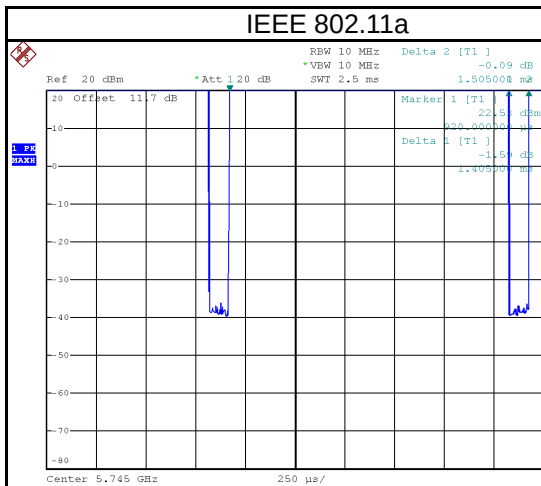
UNII-3				
Test Software	PuTTY suite 0.63			
Mode	5745 MHz	5785 MHz	5825 MHz	Data Rate
IEEE 802.11a	21	21	21	6 Mbps
IEEE 802.11n (HT20)	21	21	21	MCS 0
Mode	5755 MHz	5795 MHz		Data Rate
IEEE 802.11n (HT40)	17	17		MCS 0
Mode	5775 MHz			Data Rate
IEEE 802.11ac (VHT80)	17			MCS 0

1.5 DUTY CYCLE

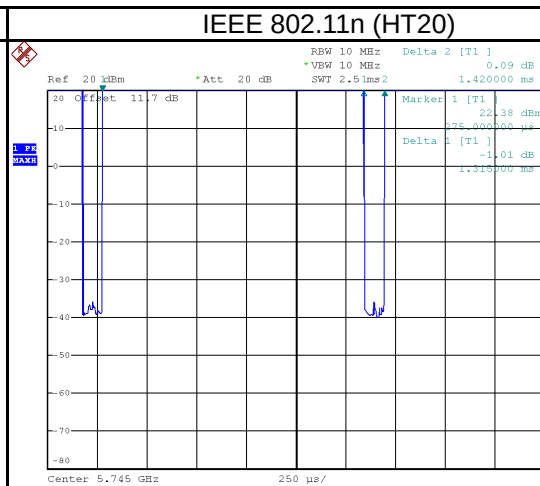
If duty cycle is $\geq 98\%$, duty factor is not required.

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

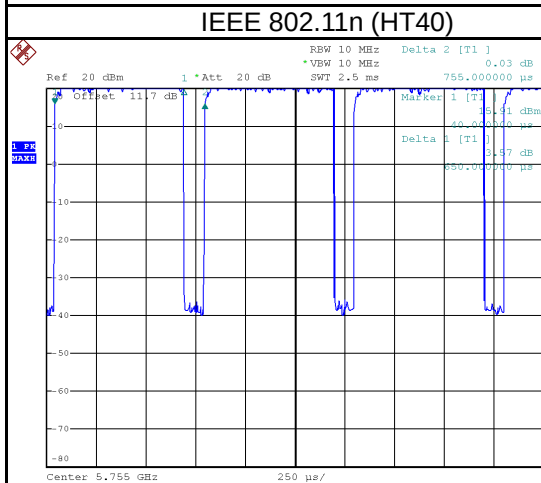
Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11a	1.405	1	1.405	1.505	93.36%	0.30
IEEE 802.11n (HT20)	1.315	1	1.315	1.420	92.61%	0.33
IEEE 802.11n (HT40)	0.650	1	0.650	0.755	86.09%	0.65
IEEE 802.11ac (VHT80)	0.325	1	0.325	0.430	75.58%	1.22



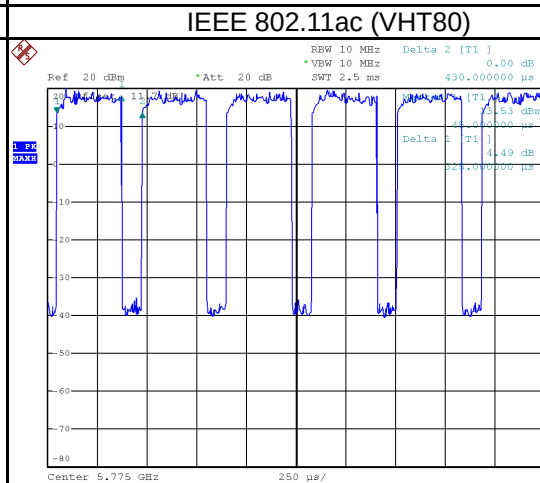
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2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	SMART SPEAKER			
Model Name	JS1830, JS1832, TD-9016A, CS10			
Brand Name	JS, FORA, A1 CAREGIVER			
Model Difference	Brand Name	Model Name	Upper cover	
	JS	JS1830	A	
	JS	JS1832	B	
	FORA	TD-9016A	A	
	A1 CAREGIVER	CS10	B	
Power Source	DC voltage supplied from AC/DC Adapter.			
Power Rating	INPUT: 100-240V~50/60Hz 0.75A OUTPUT: 12.0V---2.0A 24.0W Max			
Products Covered	1 * Adapter: GPE/ GPE024L-120200-1			
Operation Band	UNII-1: 5150 MHz to 5250 MHz UNII-2A: 5250 MHz to 5350 MHz UNII-2C: 5470 MHz to 5725 MHz UNII-3: 5725 MHz to 5850 MHz			
Operation Frequency	UNII-1: 5180 MHz ~ 5240 MHz UNII-2A: 5260 MHz ~ 5320 MHz UNII-2C: 5500 MHz ~ 5700 MHz UNII-3: 5745 MHz ~ 5825 MHz			
Modulation Technology	OFDM			
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: Up to 150 Mbps 802.11ac: Up to 433.3 Mbps			
Output Power Max. for UNII-1	IEEE 802.11a: 21.30 dBm (0.1349 W) IEEE 802.11n (HT20): 21.18 dBm (0.1312 W) IEEE 802.11n (HT40): 21.31 dBm (0.1352 W) IEEE 802.11ac (VHT80): 9.46 dBm (0.0088 W)			
Output Power Max. for UNII-2A	IEEE 802.11a: 21.29 dBm (0.1346 W) IEEE 802.11n (HT20): 21.03 dBm (0.1268 W) IEEE 802.11n (HT40): 16.83 dBm (0.0482 W) IEEE 802.11ac (VHT80): 11.79 dBm (0.0151 W)			
Output Power Max. for UNII-2C	IEEE 802.11a: 21.65 dBm (0.1462 W) IEEE 802.11n (HT20): 21.67 dBm (0.1469 W) IEEE 802.11n (HT40): 21.50 dBm (0.1413 W) IEEE 802.11ac (VHT80): 12.41 dBm (0.0174 W)			
Output Power Max. for UNII-3	IEEE 802.11a: 21.48 dBm (0.1406 W) IEEE 802.11n (HT20): 21.51 dBm (0.1416 W) IEEE 802.11n (HT40): 17.02 dBm (0.0504 W) IEEE 802.11ac (VHT80): 16.95 dBm (0.0495 W)			
Test Model	JS1830			
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:

IEEE 802.11a IEEE 802.11n (HT20)		IEEE 802.11n (HT40)		IEEE 802.11ac (VHT80)	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n (HT20)		IEEE 802.11n (HT40)		IEEE 802.11ac (VHT80)	
UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

IEEE 802.11a IEEE 802.11n (HT20)		IEEE 802.11n (HT40)		IEEE 802.11ac (VHT80)	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

IEEE 802.11a IEEE 802.11n (HT20)		IEEE 802.11n (HT40)		IEEE 802.11ac (VHT80)	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

(3) Table for Filed Antenna:

Antenna	Manufacture	Model name	Type	Connector	Frequency (MHz)	Gain (dBi)
-	JS	JS-MS1830 DVT	PCB	I-PEX	2400	3.85
					2450	4.85
					2500	4.06
					5150	4.95
					5350	4.99
					5500	4.9
					5725	5.03
					5850	5.13

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11ac (VHT80)	122	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11a TX Mode_IEEE 802.11n (HT20)	36/48, 52/64 100/140 149/165	Bandedge
	TX Mode_IEEE 802.11n (HT40)	38/46, 54/62 102/134 151/159	
	TX Mode_IEEE 802.11ac (VHT80)	42, 58 106/122 155	
	TX Mode_IEEE 802.11a TX Mode_IEEE 802.11n (HT20)	36/40/48 52/60/64 100/116/140 149/157/165	Harmonic
	TX Mode_IEEE 802.11n (HT40)	38/46, 54/62 102/110/134 151/159	
	TX Mode_IEEE 802.11ac (VHT80)	42, 58 106/122 155	
Bandwidth & Power Spectral Density	TX Mode_IEEE 802.11a TX Mode_IEEE 802.11n (HT20)	36/40/48 52/60/64 100/116/140 149/157/165	-
	TX Mode_IEEE 802.11n (HT40)	38/46, 54/62 102/110/134 151/159	
	TX Mode_IEEE 802.11ac (VHT80)	42, 58 106/122 155	
Output Power	TX Mode_IEEE 802.11a TX Mode_IEEE 802.11n (HT20)	36/40/48 52/60/64 100/116/140 149/157/165	-
	TX Mode_IEEE 802.11n (HT40)	38/46, 54/62 102/110/134 151/159	
	TX Mode_IEEE 802.11ac (VHT80)	42, 58 106/122 155	

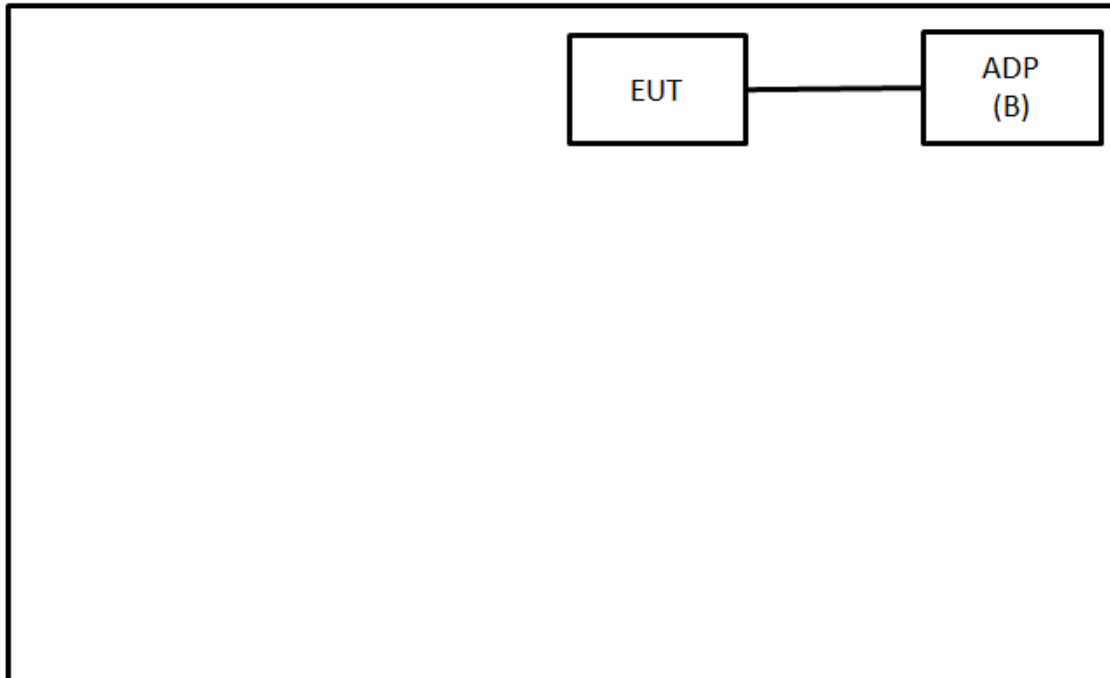
NOTE:

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

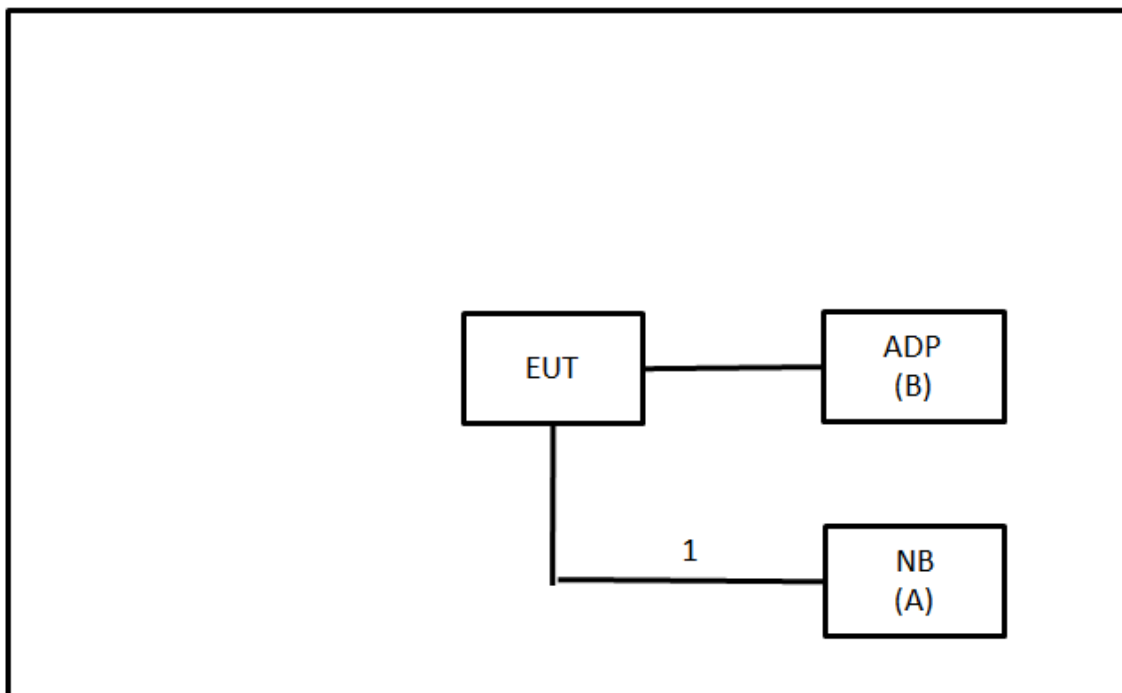
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	hp	TPN-I119	N/A	Furnished by test lab.
B	Adapter	GOLDEN PROFIT ELECTRONICS LTD	GPE024L-120200 -1	N/A	Supplied by test requester

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	1m	Fixture Cable	Supplied by test requester

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

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

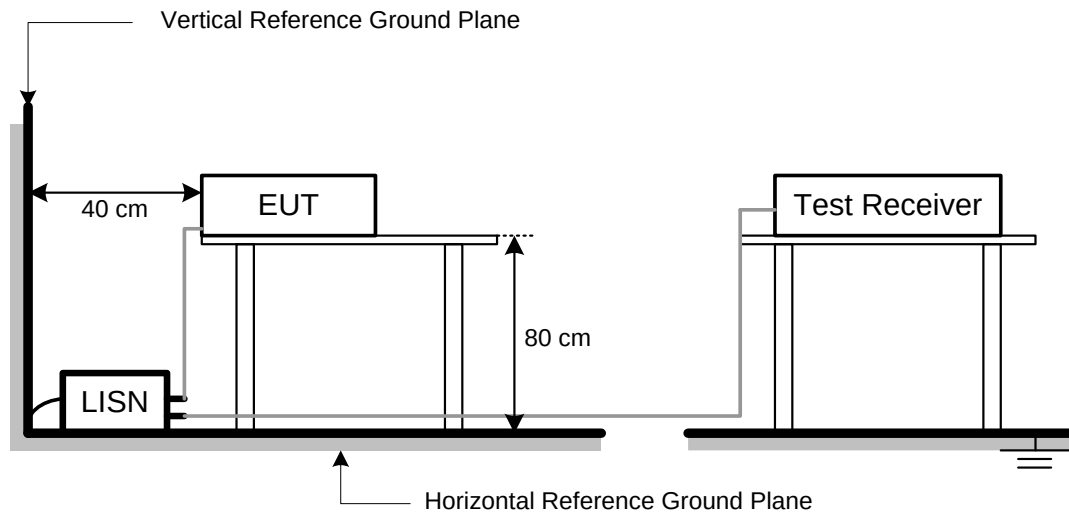
NOTE:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 (NOTE 2)	68.3
	10 (NOTE 2)	105.3
	15.6 (NOTE 2)	110.9
	27 (NOTE 2)	122.3

NOTE:

- (1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

- (2) According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (3) 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
36.23	+	-11.97	=	24.26

Measurement Value		Limit Value		Margin Level
24.26	-	40	=	-15.74

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

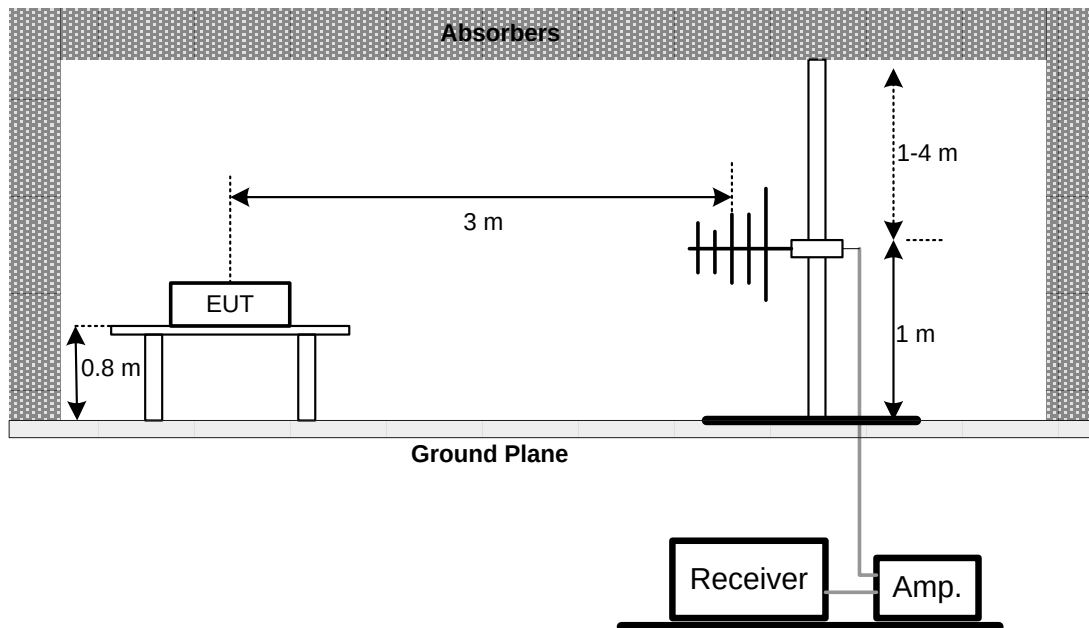
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

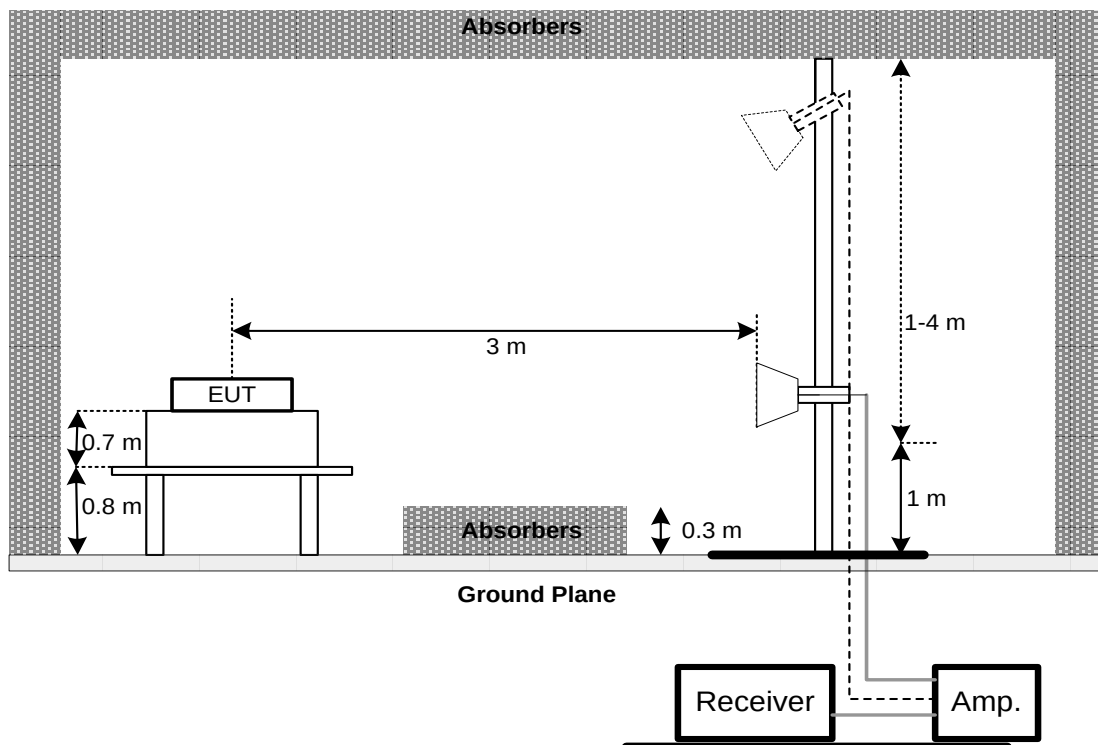
No deviation.

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.

4.6 TEST RESULT – BELOW 30 MHZ

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

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

FCC Part15, Subpart E (15.407)		
Section	Test Item	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	5150-5250
		5250-5350
		5470-5725
	Minimum 500 kHz 6 dB Bandwidth	5725-5850

5.2 TEST PROCEDURE

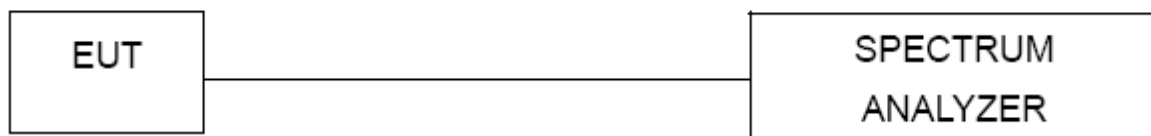
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting:

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> 26 dB Bandwidth
RBW	300 kHz(Bandwidth 20 MHz) 1 MHz(Bandwidth 40 MHz and 80 MHz)
VBW	1 MHz(Bandwidth 20 MHz) 3 MHz(Bandwidth 40 MHz and 80 MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Maximum Output Power	Fixed:1 Watt (30 dBm) Mobile and portable: 250 mW (24 dBm)	5150-5250
		250 mW (24 dBm)	5250-5350
			5470-5725
		1 Watt (30dBm)	5725-5850

Note: The maximum e.i.r.p at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW(21 dBm).

6.2 TEST PROCEDURE

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- The maximum peak conducted output power was performed in accordance with method of clause E. 3. a) FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
 - Method PM (Measurement using an RF average power meter):
 - Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied
The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
 - If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
 - Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
 - Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle (e.g., $10 \log (1/0.25)$ if the duty cycle is 25%).

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	Other than Mobile and portable: 17 dBm/MHz	5150-5250
		Mobile and portable: 11 dBm/MHz	
		11 dBm/MHz	5250-5350
		30 dBm/500 kHz	5470-5725
			5725-5850

7.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting:

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz
VBW	≥ 3 MHz
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

8 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101339	2021/3/10	2022/3/9
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2021/5/3	2022/5/2
3	EMI Test Receiver	R&S	ESR 7	101433	2020/12/11	2021/12/10
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC02325B	980217	2021/4/8	2022/4/7
2	Preamplifier	EMCI	EMC012645B	980267	2021/4/8	2022/4/7
3	Preamplifier	EMCI	EMC184045SE	980512	2021/5/28	2022/5/27
4	Preamplifier	EMCI	EMC001340	980555	2021/4/8	2022/4/7
5	Test Cable	EMCI	EMC-SM-SM-1000	180809	2021/4/8	2022/4/7
6	Test Cable	EMCI	EMC104-SM-SM-3000	151205	2021/4/8	2022/4/7
7	Test Cable	EMCI	EMC-SM-SM-7000	180408	2021/4/8	2022/4/7
8	MXE EMI Receiver	Agilent	N9038A	MY554200087	2021/5/27	2022/5/26
9	Signal Analyzer	Agilent	N9010A	MY56480554	2020/8/25	2021/8/24
10	Loop Ant	Electro-Metrics	EMCI-LPA600	274	2021/6/1	2022/5/31
11	Horn Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	2021/6/2	2022/6/1
12	Horn Ant	Schwarzbeck	BBHA 9170	BBHA 9170340	2021/7/9	2022/7/8
13	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	VULB 9168-352	2020/7/24	2021/7/23
14	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0625	2020/7/24	2021/7/23
15	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP38	101139	2021/3/5	2022/3/4

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

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP38	101139	2021/3/5	2022/3/4

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

9 EUT TEST PHOTO

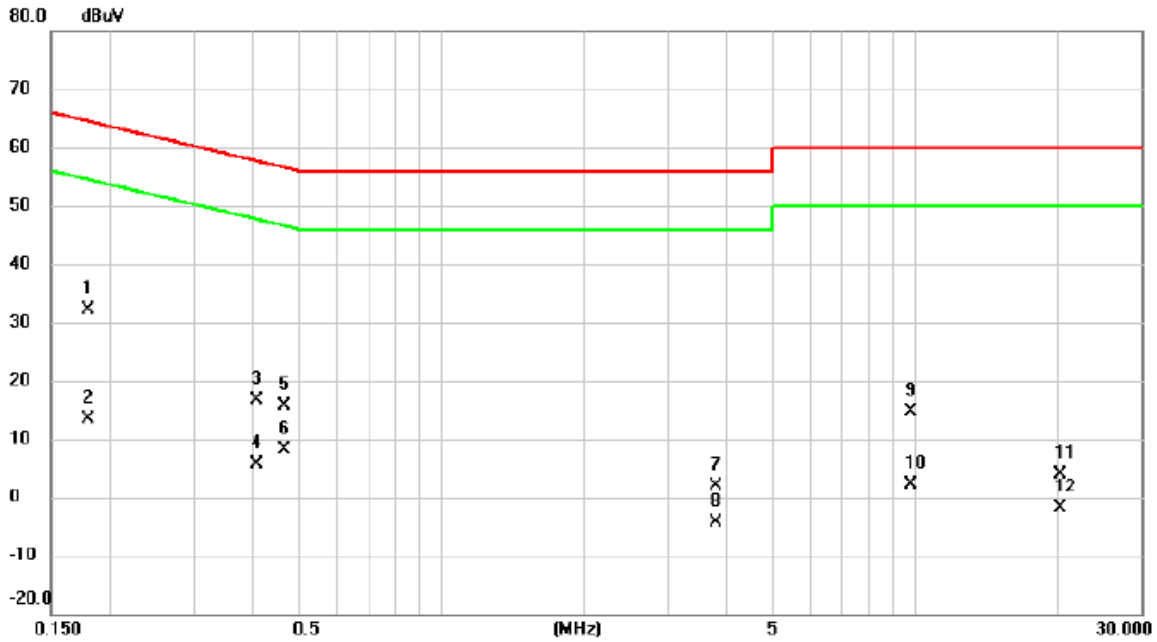
Please refer to document Appendix No.: TP-2012T001-FCCP-1 (APPENDIX-TEST PHOTOS).

10 EUT PHOTOS

Please refer to document Appendix No.: EP-2012T001-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2021/5/19
Test Frequency	-	Phase	Line

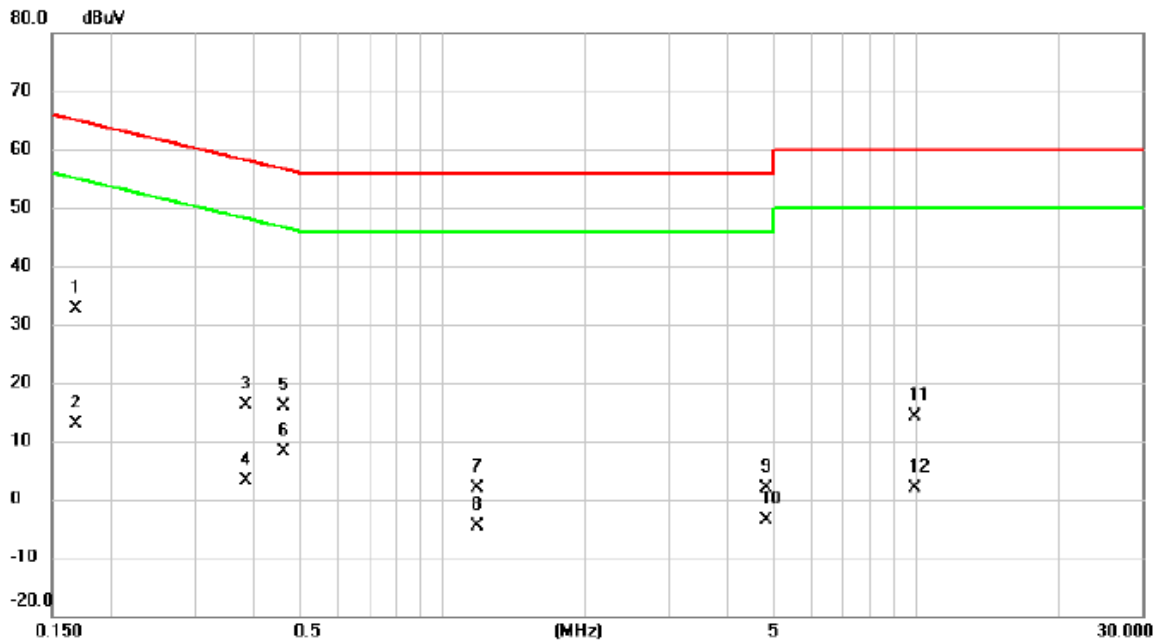


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1796	32.18	0.01	32.19	64.50	-32.31	QP	
2		0.1796	13.34	0.01	13.35	54.50	-41.15	AVG	
3		0.4087	16.61	0.03	16.64	57.67	-41.03	QP	
4		0.4087	5.60	0.03	5.63	47.67	-42.04	AVG	
5		0.4650	15.56	0.03	15.59	56.60	-41.01	QP	
6		0.4650	8.04	0.03	8.07	46.60	-38.53	AVG	
7		3.7950	1.74	0.11	1.85	56.00	-54.15	QP	
8		3.7950	-4.36	0.11	-4.25	46.00	-50.25	AVG	
9		9.8003	14.31	0.21	14.52	60.00	-45.48	QP	
10		9.8003	2.02	0.21	2.23	50.00	-47.77	AVG	
11		20.3370	3.58	0.23	3.81	60.00	-56.19	QP	
12		20.3370	-2.01	0.23	-1.78	50.00	-51.78	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2021/5/19
Test Frequency	-	Phase	Neutral

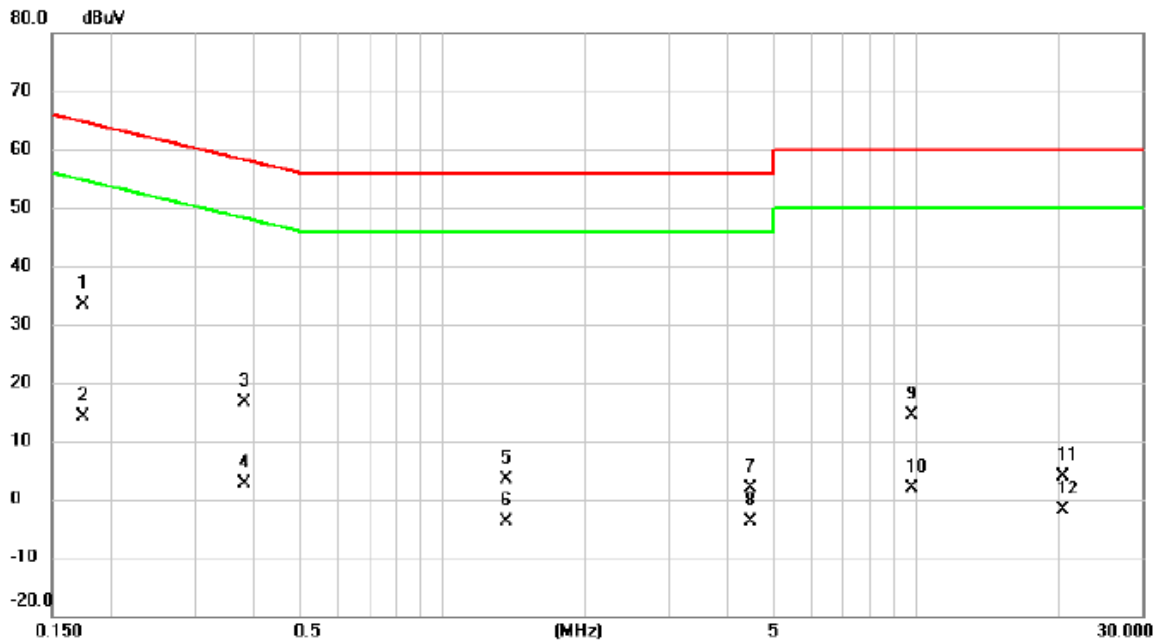


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1685	32.50	0.01	32.51	65.03	-32.52	QP	
2		0.1685	12.93	0.01	12.94	55.03	-42.09	AVG	
3		0.3862	16.19	0.03	16.22	58.15	-41.93	QP	
4		0.3862	3.19	0.03	3.22	48.15	-44.93	AVG	
5		0.4627	15.82	0.03	15.85	56.64	-40.79	QP	
6		0.4627	8.05	0.03	8.08	46.64	-38.56	AVG	
7		1.1805	1.82	0.05	1.87	56.00	-54.13	QP	
8		1.1805	-4.64	0.05	-4.59	46.00	-50.59	AVG	
9		4.8143	1.84	0.14	1.98	56.00	-54.02	QP	
10		4.8143	-3.77	0.14	-3.63	46.00	-49.63	AVG	
11		9.9038	13.98	0.21	14.19	60.00	-45.81	QP	
12		9.9038	1.66	0.21	1.87	50.00	-48.13	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2021/5/19
Test Frequency	-	Phase	Line

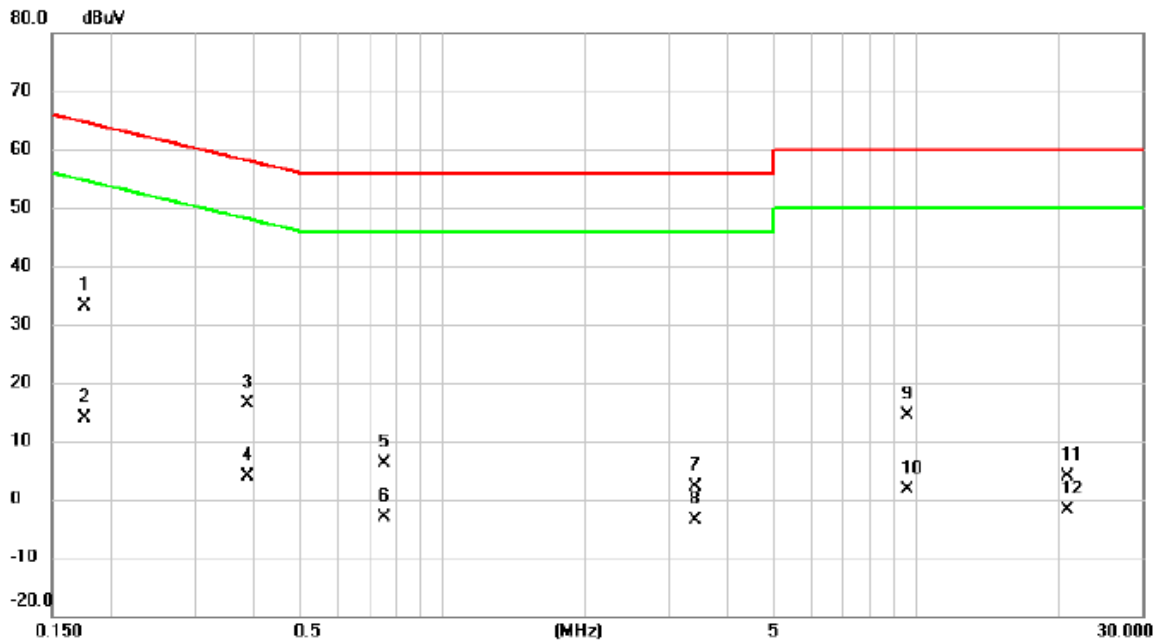


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1748	33.40	0.01	33.41	64.73	-31.32	QP	
2		0.1748	14.14	0.01	14.15	54.73	-40.58	AVG	
3		0.3817	16.59	0.03	16.62	58.24	-41.62	QP	
4		0.3817	2.67	0.03	2.70	48.24	-45.54	AVG	
5		1.3673	3.23	0.05	3.28	56.00	-52.72	QP	
6		1.3673	-3.90	0.05	-3.85	46.00	-49.85	AVG	
7		4.4543	1.80	0.13	1.93	56.00	-54.07	QP	
8		4.4543	-3.91	0.13	-3.78	46.00	-49.78	AVG	
9		9.8025	14.19	0.21	14.40	60.00	-45.60	QP	
10		9.8025	1.71	0.21	1.92	50.00	-48.08	AVG	
11		20.4315	3.71	0.23	3.94	60.00	-56.06	QP	
12		20.4315	-2.00	0.23	-1.77	50.00	-51.77	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2021/5/19
Test Frequency	-	Phase	Neutral



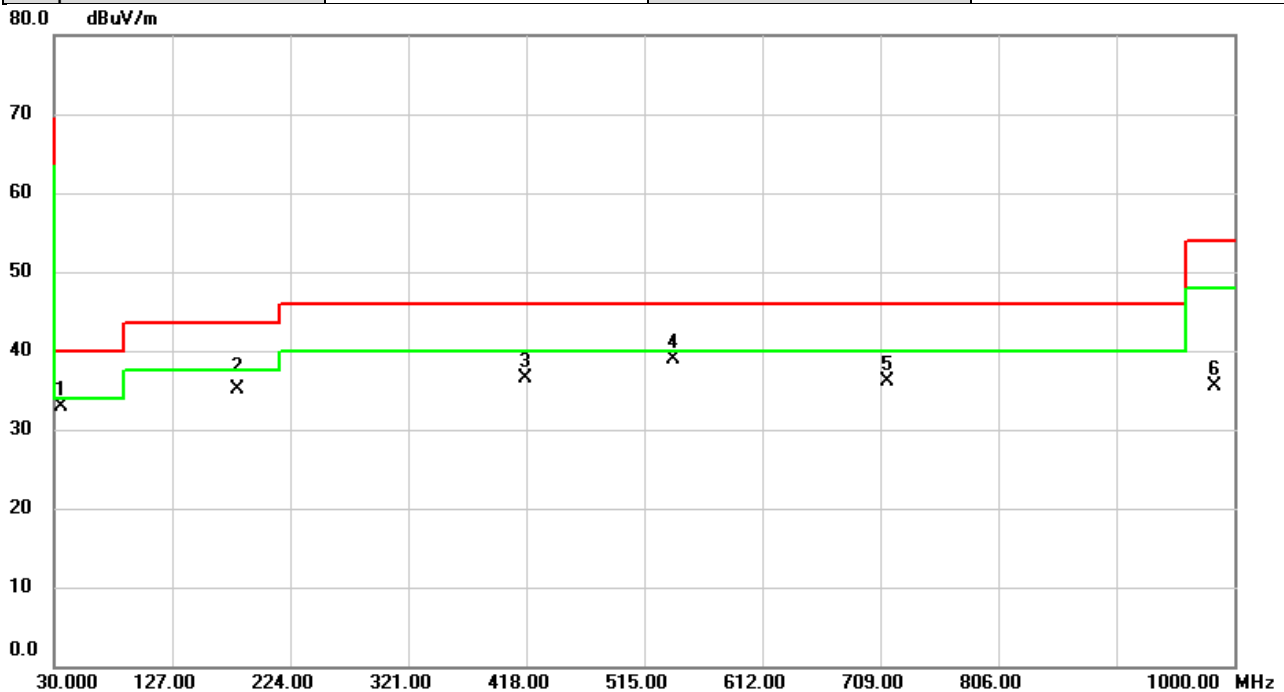
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1758	33.13	0.01	33.14	64.68	-31.54	QP	
2		0.1758	13.95	0.01	13.96	54.68	-40.72	AVG	
3		0.3885	16.42	0.03	16.45	58.10	-41.65	QP	
4		0.3885	3.81	0.03	3.84	48.10	-44.26	AVG	
5		0.7530	5.98	0.04	6.02	56.00	-49.98	QP	
6		0.7530	-3.07	0.04	-3.03	46.00	-49.03	AVG	
7		3.4058	1.93	0.10	2.03	56.00	-53.97	QP	
8		3.4058	-3.81	0.10	-3.71	46.00	-49.71	AVG	
9		9.5550	14.13	0.20	14.33	60.00	-45.67	QP	
10		9.5550	1.39	0.20	1.59	50.00	-48.41	AVG	
11		20.9198	3.59	0.23	3.82	60.00	-56.18	QP	
12		20.9198	-2.00	0.23	-1.77	50.00	-51.77	AVG	

REMARKS:

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/1
Test Frequency	5610MHz	Polarization	Vertical
Temp	23°C	Hum.	57%

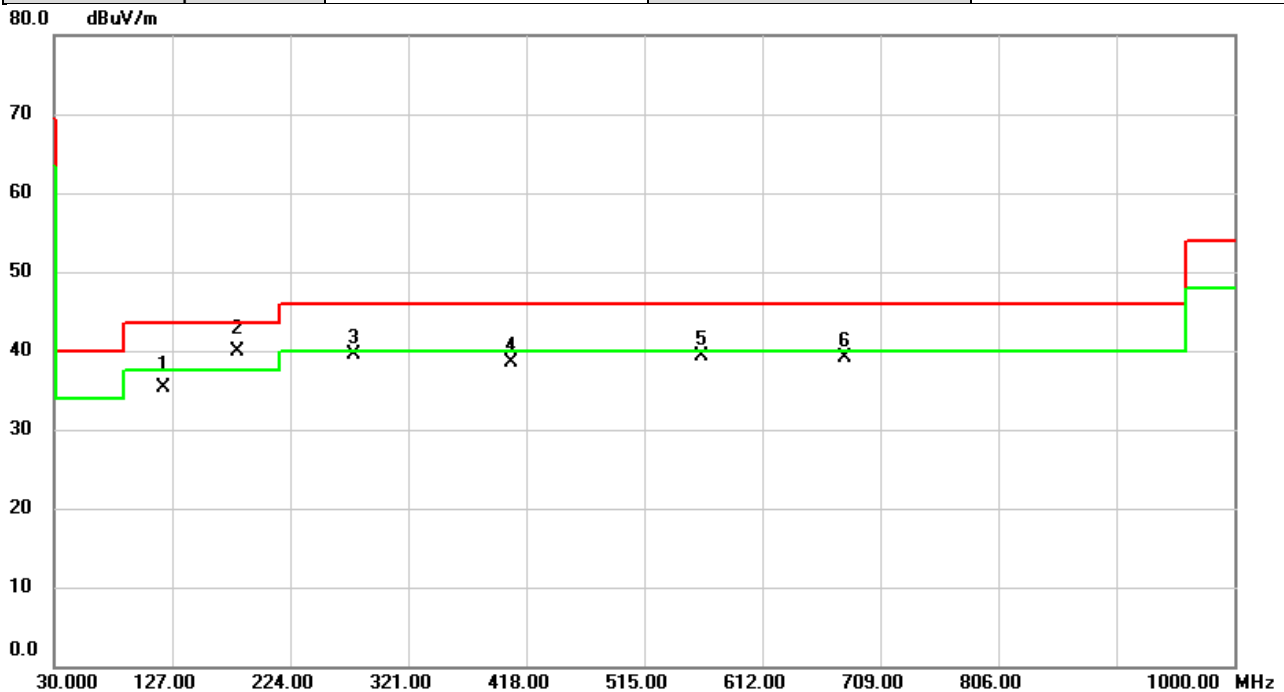


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		36.0786	41.79	-8.89	32.90	40.00	-7.10	peak	
2		180.0911	44.83	-9.75	35.08	43.50	-8.42	QP	
3		417.7090	40.81	-4.40	36.41	46.00	-9.59	peak	
4	*	538.4415	40.91	-2.00	38.91	46.00	-7.09	peak	
5		714.6906	34.98	1.09	36.07	46.00	-9.93	peak	
6		984.4474	30.14	5.37	35.51	54.00	-18.49	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/1
Test Frequency	5610MHz	Polarization	Horizontal
Temp	23°C	Hum.	57%



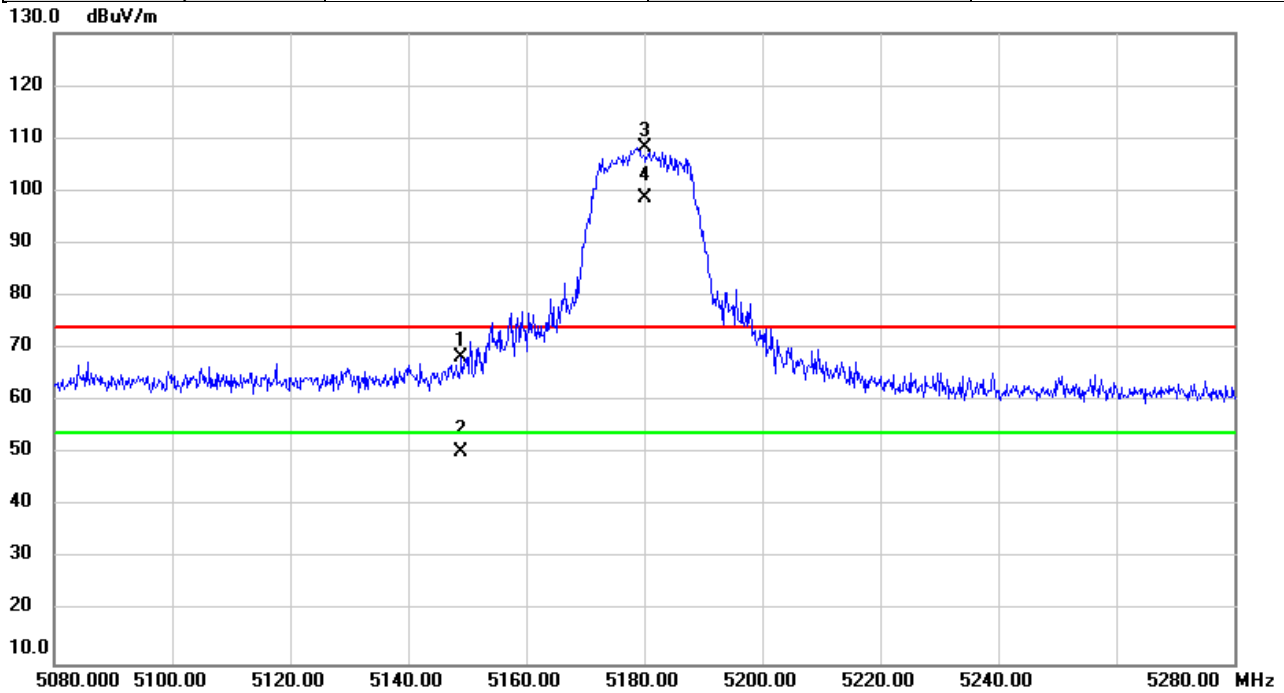
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		120.0481	45.73	-10.42	35.31	43.50	-8.19	QP	
2	*	180.3173	49.77	-9.77	40.00	43.50	-3.50	QP	
3		276.3800	47.58	-8.00	39.58	46.00	-6.42	peak	
4		406.3276	43.11	-4.66	38.45	46.00	-7.55	peak	
5		561.7540	40.75	-1.44	39.31	46.00	-6.69	peak	
6		680.4496	38.64	0.52	39.16	46.00	-6.84	peak	

REMARKS:

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	IEEE 802.11a	Test Date	2021/7/1
Test Frequency	5180MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



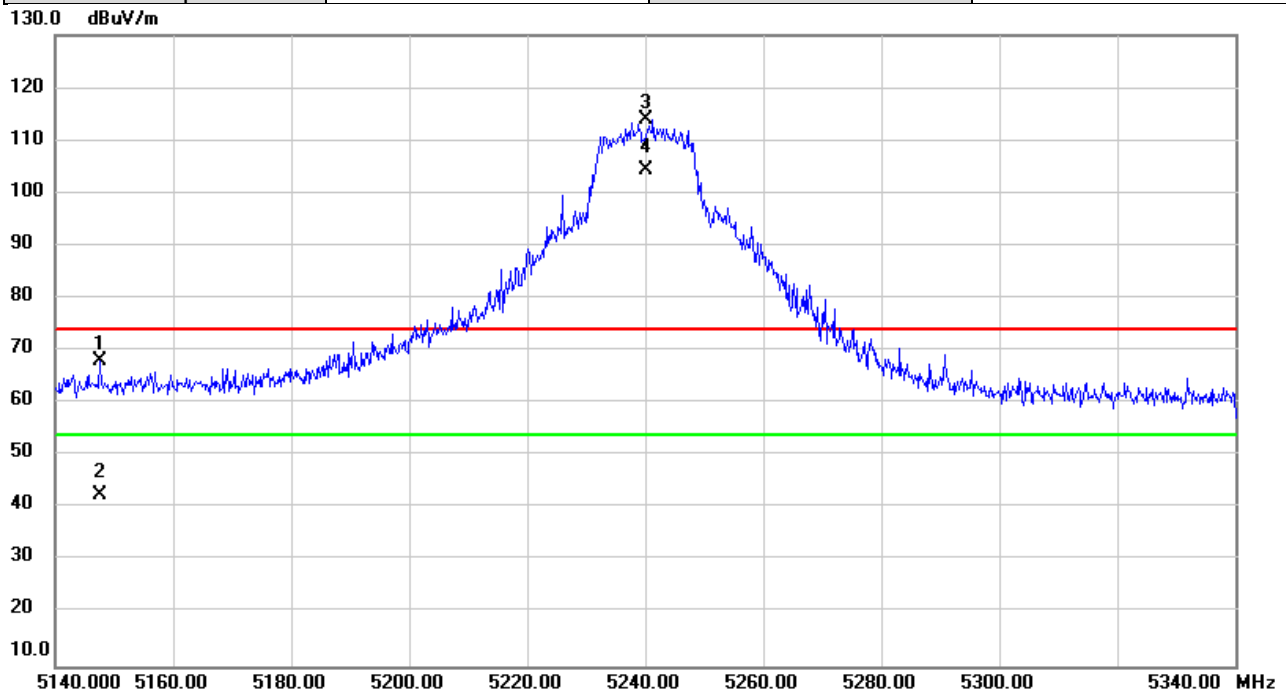
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.020	30.95	37.30	68.25	74.00	-5.75	peak	
2		5149.020	13.03	37.30	50.33	54.00	-3.67	AVG	
3	X	5180.000	70.78	37.33	108.11	74.00	34.11	peak	NoLimit
4	*	5180.000	61.21	37.33	98.54	54.00	44.54	AVG	NoLimit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2021/7/1
Test Frequency	5240MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



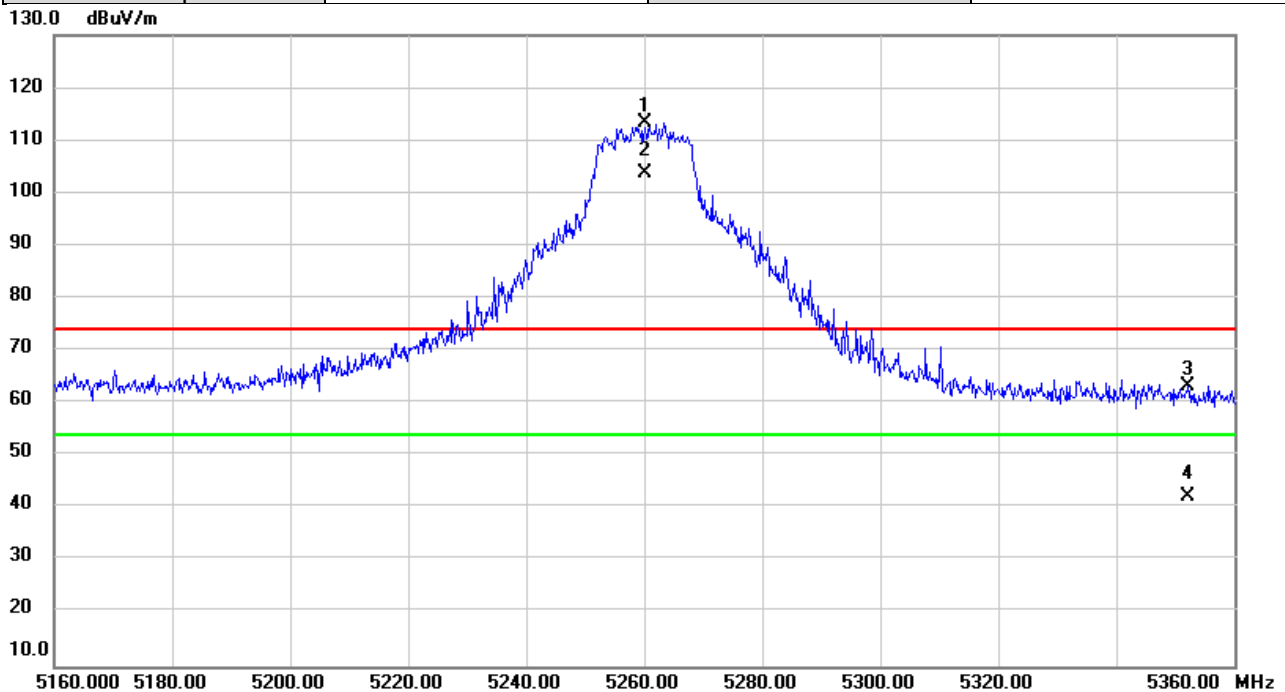
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.587	30.78	37.30	68.08	74.00	-5.92	peak	
2		5147.587	5.34	37.30	42.64	54.00	-11.36	AVG	
3	X	5240.000	76.45	37.38	113.83	74.00	39.83	peak	NoLimit
4	*	5240.000	66.92	37.38	104.30	54.00	50.30	AVG	NoLimit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2021/7/1
Test Frequency	5260MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



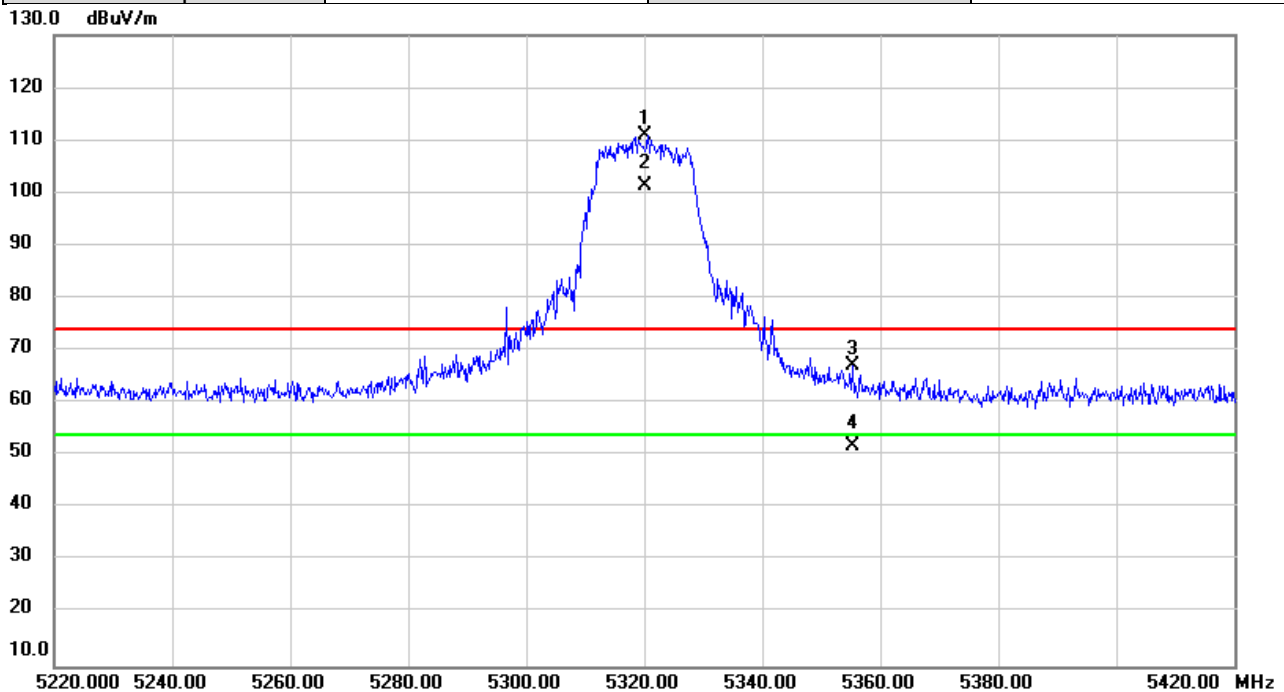
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5260.000	75.89	37.40	113.29	74.00	39.29	peak	NoLimit
2	*	5260.000	66.33	37.40	103.73	54.00	49.73	AVG	NoLimit
3		5352.213	25.78	37.48	63.26	74.00	-10.74	peak	
4		5352.213	4.65	37.48	42.13	54.00	-11.87	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2021/7/1
Test Frequency	5320MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



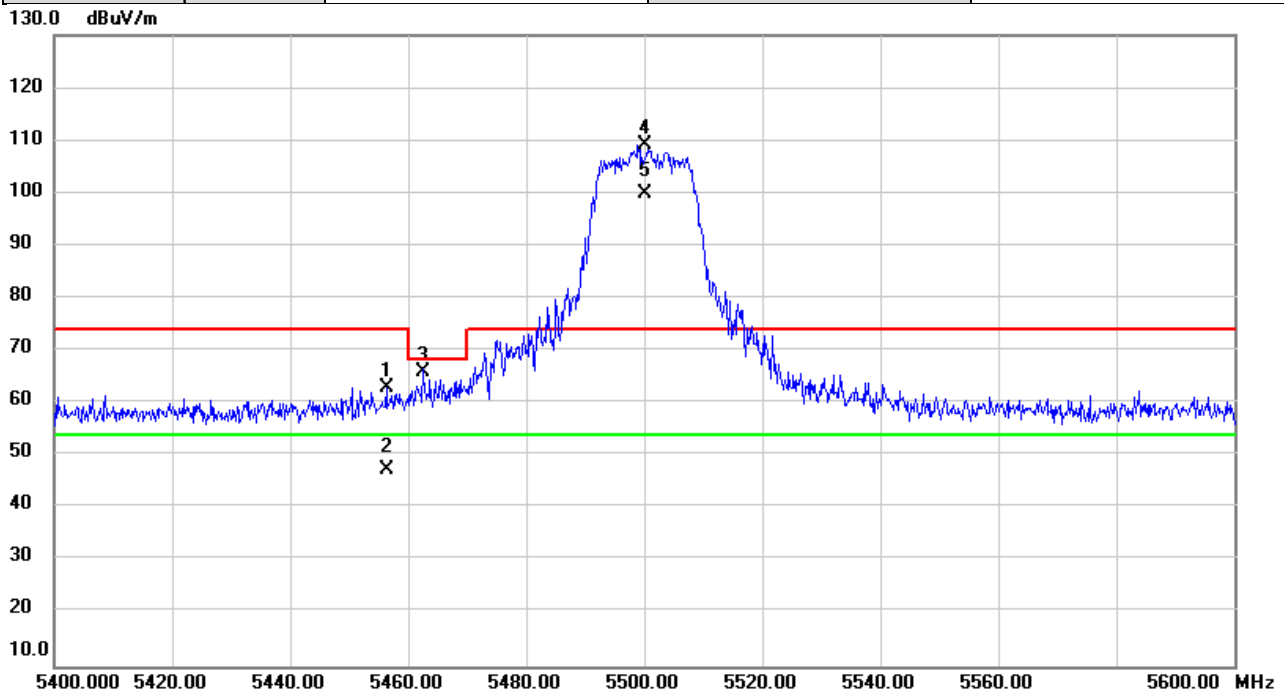
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	73.37	37.45	110.82	74.00	36.82	peak	NoLimit
2	*	5320.000	64.00	37.45	101.45	54.00	47.45	AVG	NoLimit
3		5355.380	29.58	37.48	67.06	74.00	-6.94	peak	
4		5355.380	14.36	37.48	51.84	54.00	-2.16	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2021/7/1
Test Frequency	5500MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



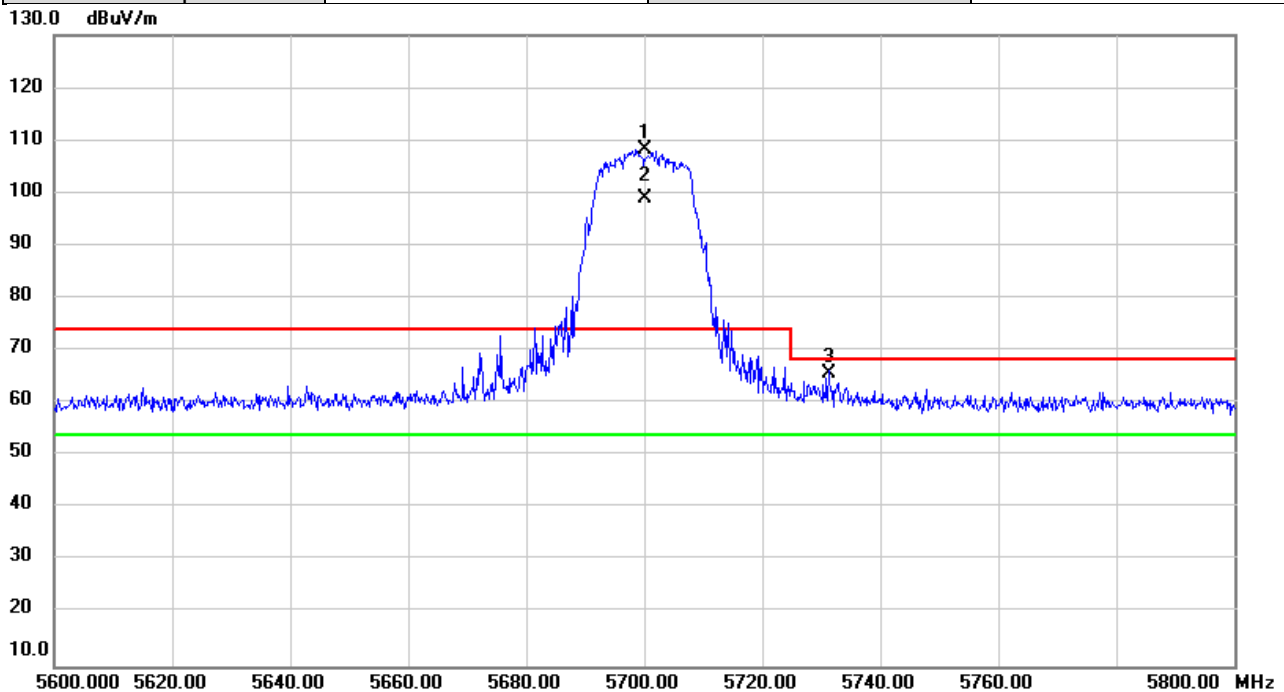
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5456.353	25.43	37.57	63.00	74.00	-11.00	peak	
2		5456.353	9.78	37.57	47.35	54.00	-6.65	AVG	
3		5462.580	28.29	37.58	65.87	68.20	-2.33	peak	
4	X	5500.000	71.68	37.61	109.29	74.00	35.29	peak	NoLimit
5	*	5500.000	62.20	37.61	99.81	54.00	45.81	AVG	NoLimit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2021/7/1
Test Frequency	5700MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



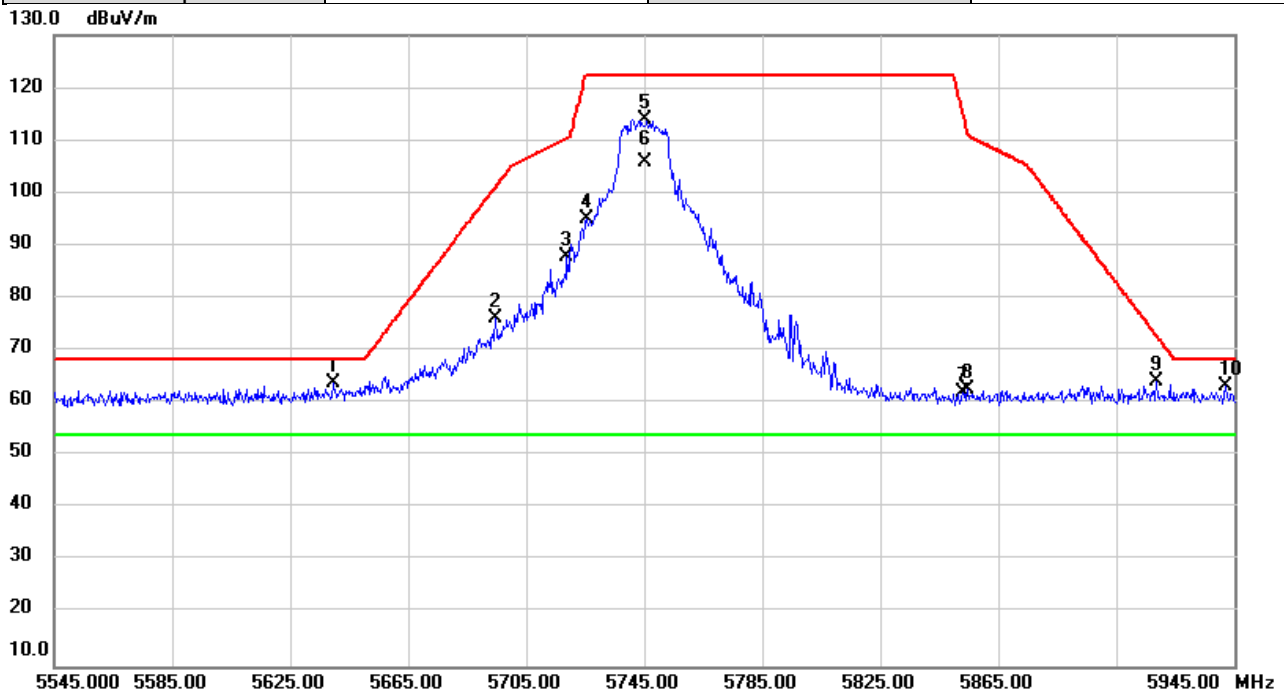
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5700.000	70.26	38.04	108.30	74.00	34.30	peak	NoLimit
2	*	5700.000	60.95	38.04	98.99	54.00	44.99	AVG	NoLimit
3		5731.273	27.67	38.11	65.78	68.20	-2.42	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2021/7/1
Test Frequency	5745MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

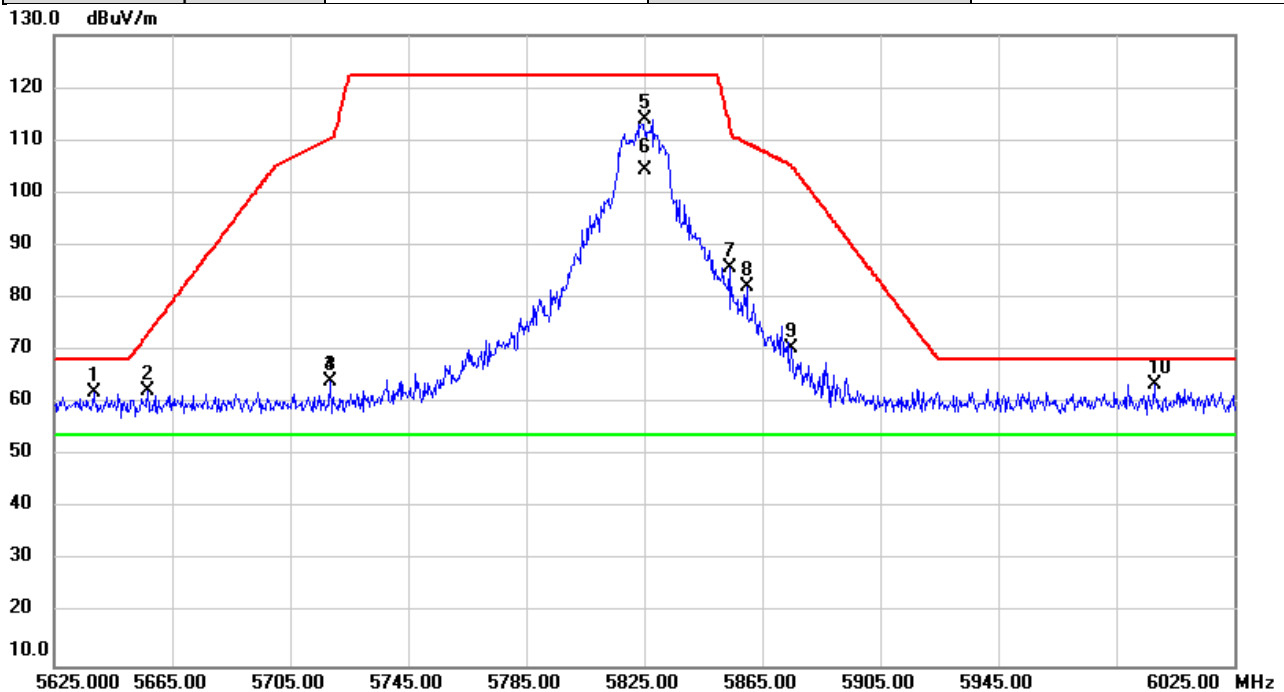


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		5639.507	25.91	37.91	63.82	68.20	-4.38	peak	
2		5694.413	38.00	38.02	76.02	101.08	-25.06	peak	
3		5718.733	49.68	38.08	87.76	110.45	-22.69	peak	
4		5725.573	56.81	38.09	94.90	122.20	-27.30	peak	
5		5745.000	75.88	38.13	114.01	122.20	-8.19	peak	NoLimit
6	*	5745.000	67.77	38.13	105.90	54.00	51.90	AVG	NoLimit
7		5853.120	23.64	38.36	62.00	115.09	-53.09	peak	
8		5854.827	24.29	38.37	62.66	111.19	-48.53	peak	
9		5918.840	25.60	38.50	64.10	72.74	-8.64	peak	
10		5941.947	24.74	38.56	63.30	68.20	-4.90	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/1
Test Frequency	5825MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

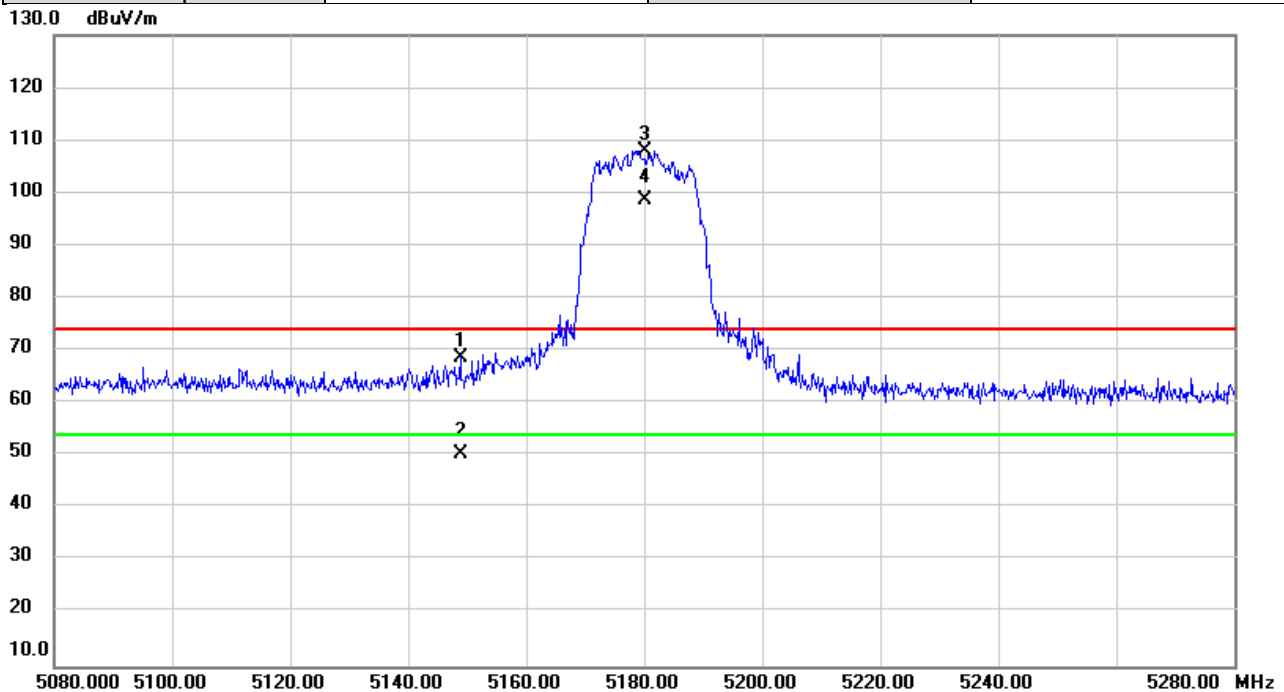


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5638.547	24.20	37.91	62.11	68.20	-6.09	peak	
2		5656.827	24.36	37.95	62.31	73.27	-10.96	peak	
3		5718.827	26.09	38.08	64.17	110.47	-46.30	peak	
4		5718.827	26.09	38.08	64.17	110.47	-46.30	peak	
5		5825.000	75.54	38.31	113.85	122.20	-8.35	peak	NoLimit
6	*	5825.000	66.18	38.31	104.49	54.00	50.49	AVG	NoLimit
7		5854.000	47.33	38.36	85.69	113.08	-27.39	peak	
8		5860.053	43.88	38.38	82.26	109.38	-27.12	peak	
9		5874.640	31.99	38.41	70.40	105.30	-34.90	peak	
10		5998.147	24.91	38.68	63.59	68.20	-4.61	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/1
Test Frequency	5180MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



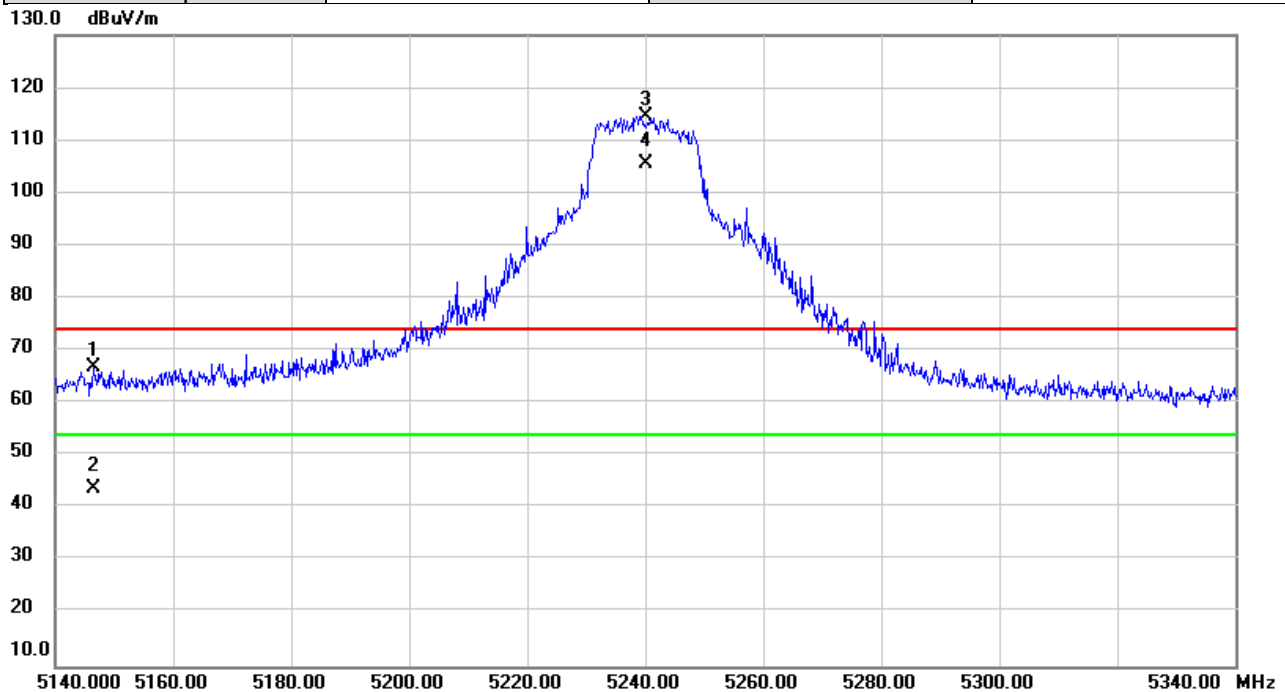
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5148.920	31.50	37.30	68.80	74.00	-5.20	peak	
2		5148.920	13.11	37.30	50.41	54.00	-3.59	AVG	
3	X	5180.000	70.68	37.33	108.01	74.00	34.01	peak	NoLimit
4	*	5180.000	61.43	37.33	98.76	54.00	44.76	AVG	NoLimit

REMARKS:

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

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/1
Test Frequency	5240MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



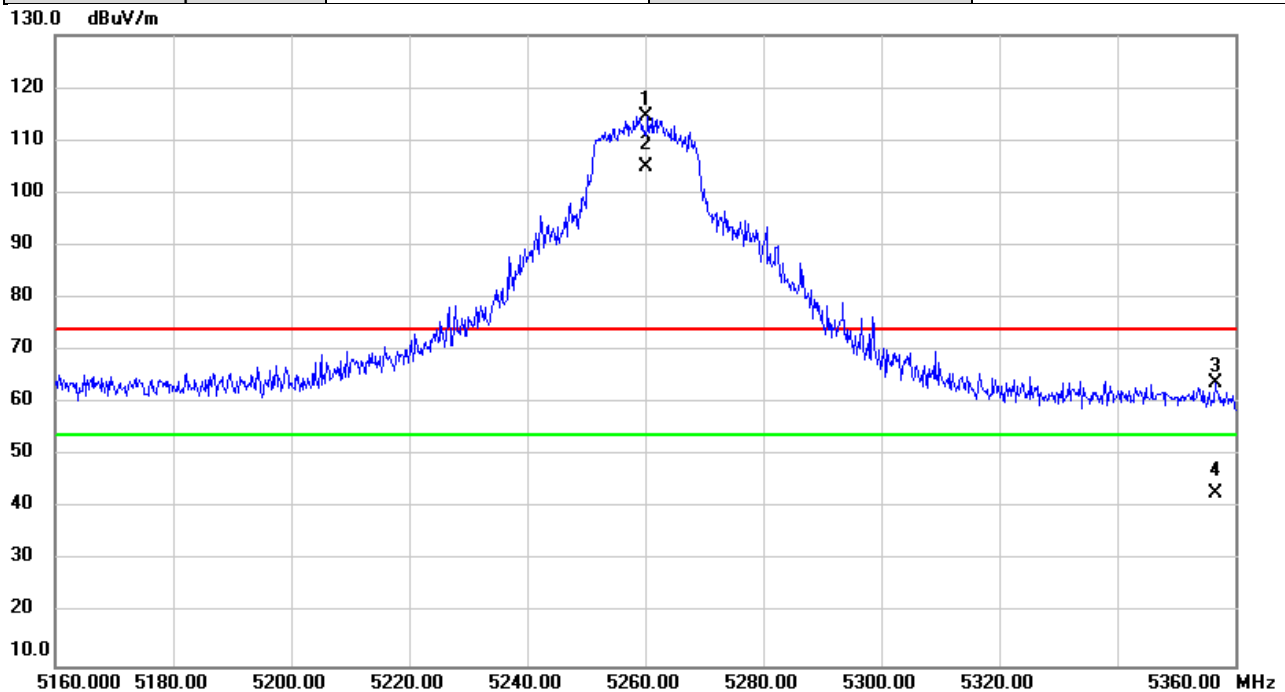
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5146.540	29.44	37.30	66.74	74.00	-7.26	peak	
2		5146.540	6.30	37.30	43.60	54.00	-10.40	AVG	
3	X	5240.000	77.22	37.38	114.60	74.00	40.60	peak	NoLimit
4	*	5240.000	68.05	37.38	105.43	54.00	51.43	AVG	NoLimit

REMARKS:

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

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/1
Test Frequency	5260MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



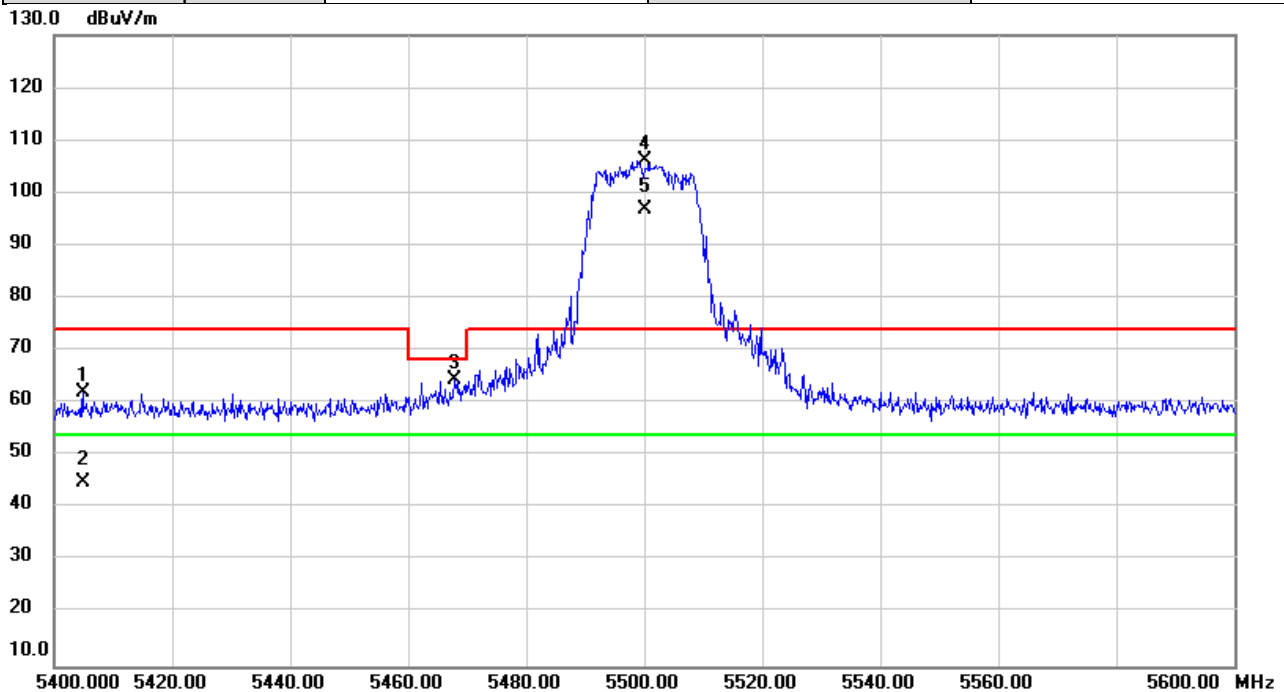
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5260.000	77.08	37.40	114.48	74.00	40.48	peak	NoLimit
2	*	5260.000	67.64	37.40	105.04	54.00	51.04	AVG	NoLimit
3		5356.573	26.50	37.48	63.98	74.00	-10.02	peak	
4		5356.573	5.28	37.48	42.76	54.00	-11.24	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/1
Test Frequency	5500MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



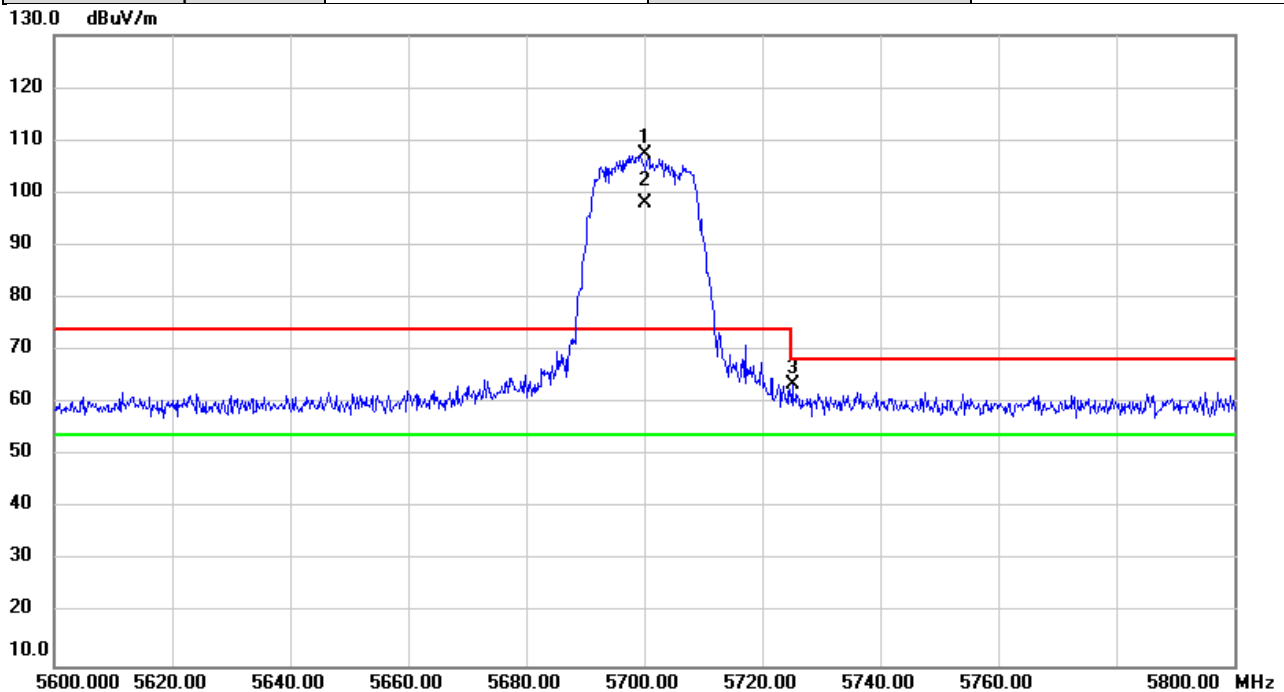
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5404.953	24.61	37.52	62.13	74.00	-11.87	peak	
2		5404.953	7.53	37.52	45.05	54.00	-8.95	AVG	
3		5467.867	26.88	37.58	64.46	68.20	-3.74	peak	
4	X	5500.000	68.47	37.61	106.08	74.00	32.08	peak	NoLimit
5	*	5500.000	59.35	37.61	96.96	54.00	42.96	AVG	NoLimit

REMARKS:

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

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/1
Test Frequency	5700MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



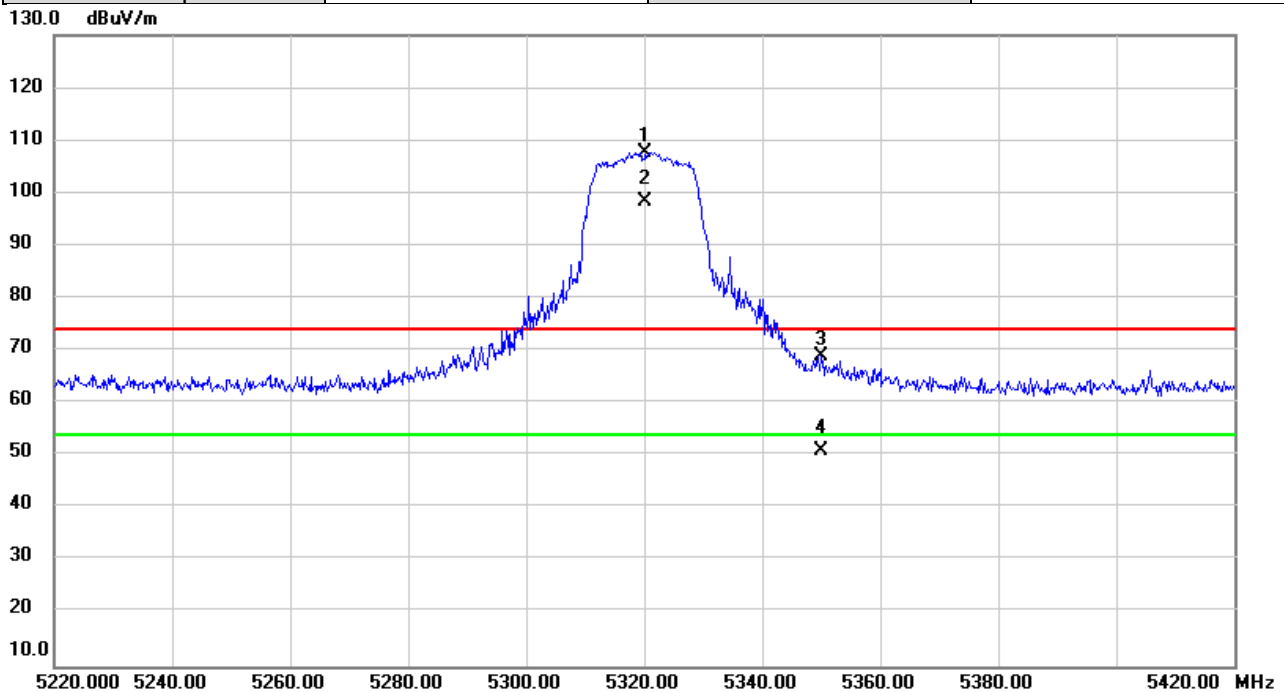
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5700.000	69.28	38.04	107.32	74.00	33.32	peak	NoLimit
2	*	5700.000	60.01	38.04	98.05	54.00	44.05	AVG	NoLimit
3		5725.073	25.34	38.09	63.43	68.20	-4.77	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/1
Test Frequency	5320MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



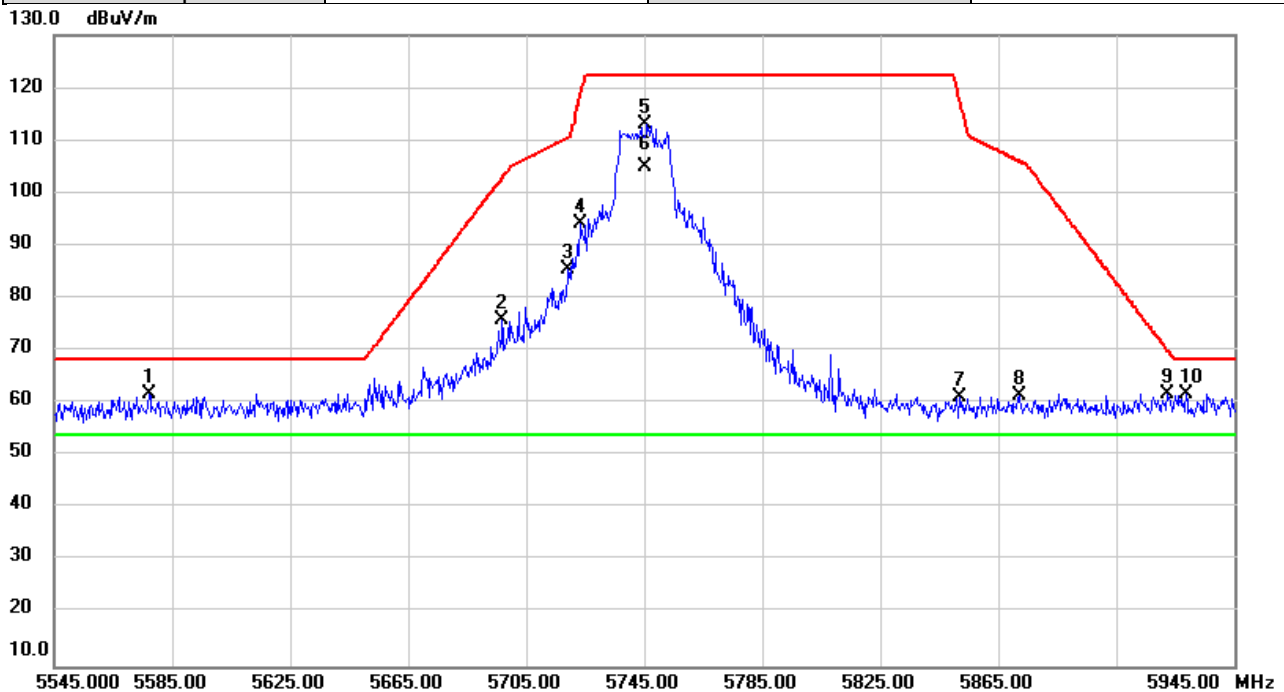
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	5320.000	70.24	37.45	107.69	74.00	33.69	peak	NoLimit
2	*	5320.000	60.95	37.45	98.40	54.00	44.40	AVG	NoLimit
3		5349.873	31.34	37.48	68.82	74.00	-5.18	peak	
4		5349.873	13.62	37.48	51.10	54.00	-2.90	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/1
Test Frequency	5745MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

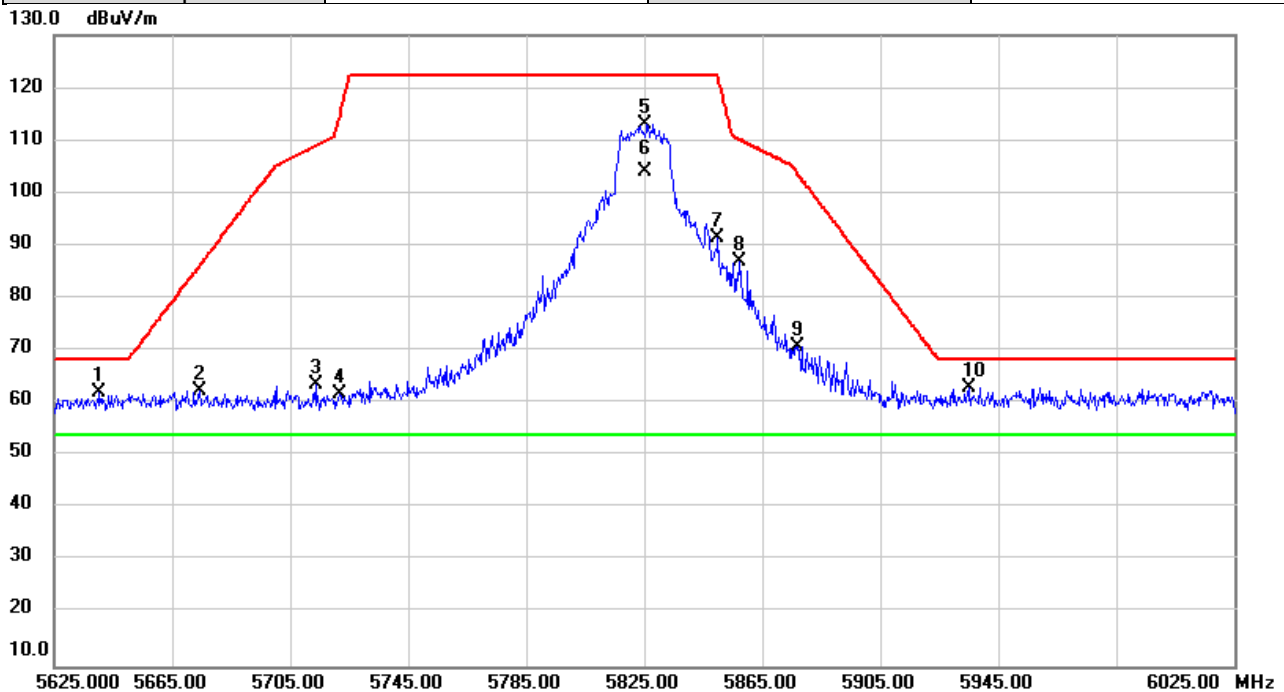


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5577.347	24.01	37.77	61.78	68.20	-6.42	peak	
2		5696.947	37.80	38.04	75.84	102.95	-27.11	peak	
3		5719.360	47.37	38.08	85.45	110.62	-25.17	peak	
4		5723.560	55.99	38.09	94.08	118.92	-24.84	peak	
5		5745.000	74.96	38.13	113.09	122.20	-9.11	peak	NoLimit
6	*	5745.000	66.93	38.13	105.06	54.00	51.06	AVG	NoLimit
7		5851.973	22.86	38.36	61.22	117.70	-56.48	peak	
8		5872.080	23.15	38.41	61.56	106.02	-44.46	peak	
9		5922.560	23.33	38.52	61.85	70.00	-8.15	peak	
10		5928.693	23.36	38.52	61.88	68.20	-6.32	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/1
Test Frequency	5825MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

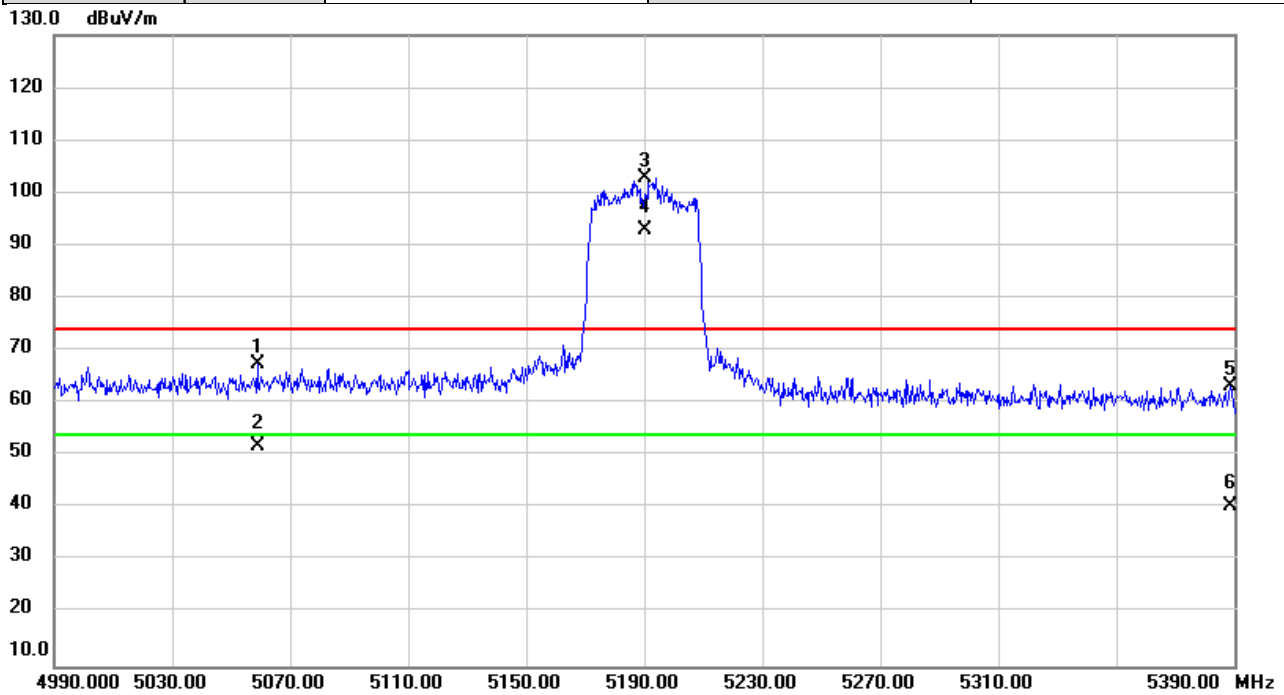


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5640.253	24.22	37.91	62.13	68.20	-6.07	peak	
2		5674.187	24.50	37.98	62.48	86.14	-23.66	peak	
3		5713.573	25.57	38.07	63.64	109.00	-45.36	peak	
4		5721.547	23.81	38.09	61.90	114.33	-52.43	peak	
5		5825.000	74.85	38.31	113.16	122.20	-9.04	peak	NoLimit
6	*	5825.000	65.62	38.31	103.93	54.00	49.93	AVG	NoLimit
7		5849.840	53.23	38.36	91.59	122.20	-30.61	peak	
8		5857.427	48.51	38.38	86.89	110.12	-23.23	peak	
9		5877.187	32.46	38.41	70.87	103.58	-32.71	peak	
10		5934.933	24.53	38.54	63.07	68.20	-5.13	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/1
Test Frequency	5190MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

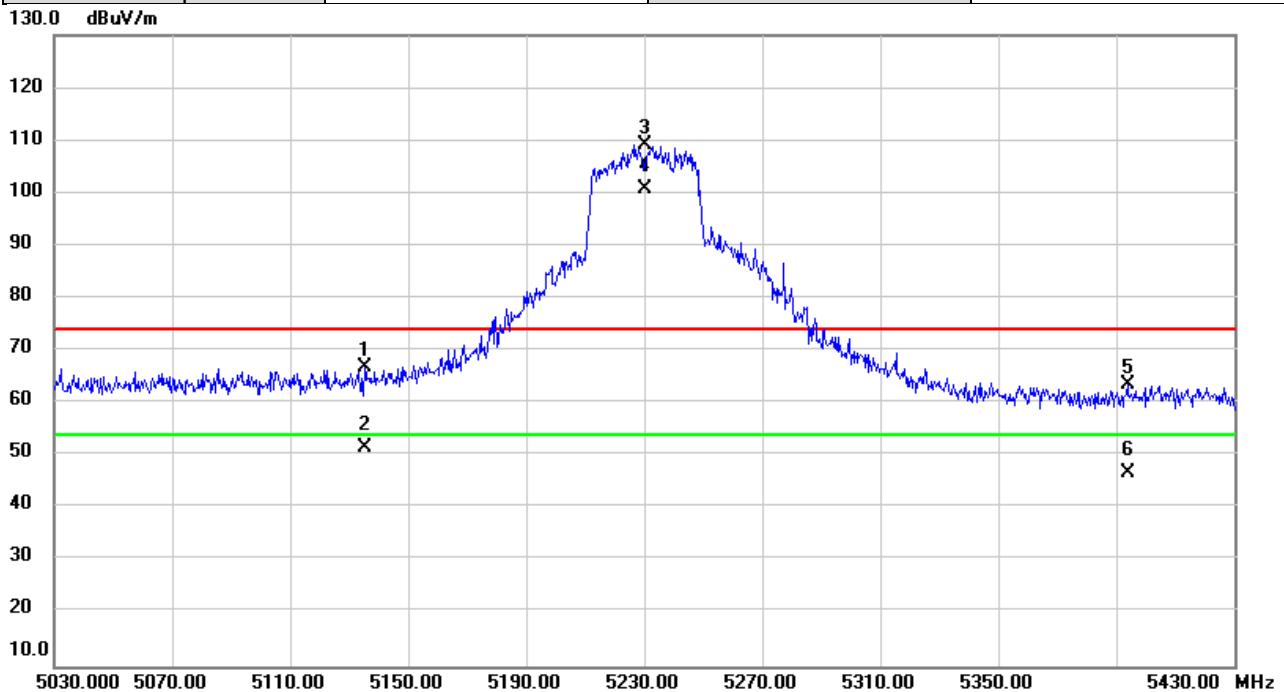


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5059.013	30.24	37.23	67.47	74.00	-6.53	peak	
2		5059.013	14.74	37.23	51.97	54.00	-2.03	AVG	
3	X	5190.000	65.65	37.33	102.98	74.00	28.98	peak	NoLimit
4	*	5190.000	55.75	37.33	93.08	54.00	39.08	AVG	NoLimit
5		5388.760	25.67	37.51	63.18	74.00	-10.82	peak	
6		5388.760	3.02	37.51	40.53	54.00	-13.47	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/1
Test Frequency	5230MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

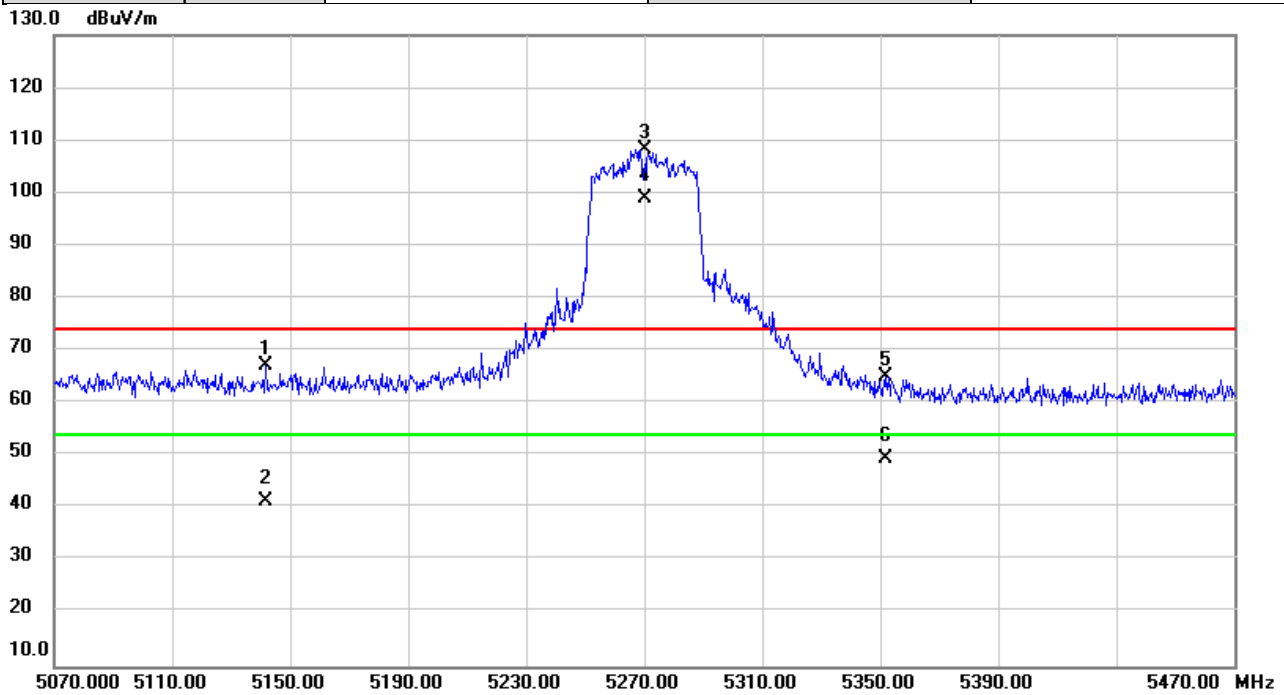


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5135.333	29.51	37.29	66.80	74.00	-7.20	peak	
2		5135.333	14.16	37.29	51.45	54.00	-2.55	AVG	
3	X	5230.000	71.86	37.37	109.23	74.00	35.23	peak	NoLimit
4	*	5230.000	63.42	37.37	100.79	54.00	46.79	AVG	NoLimit
5		5393.867	26.08	37.52	63.60	74.00	-10.40	peak	
6		5393.867	9.27	37.52	46.79	54.00	-7.21	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/1
Test Frequency	5270MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

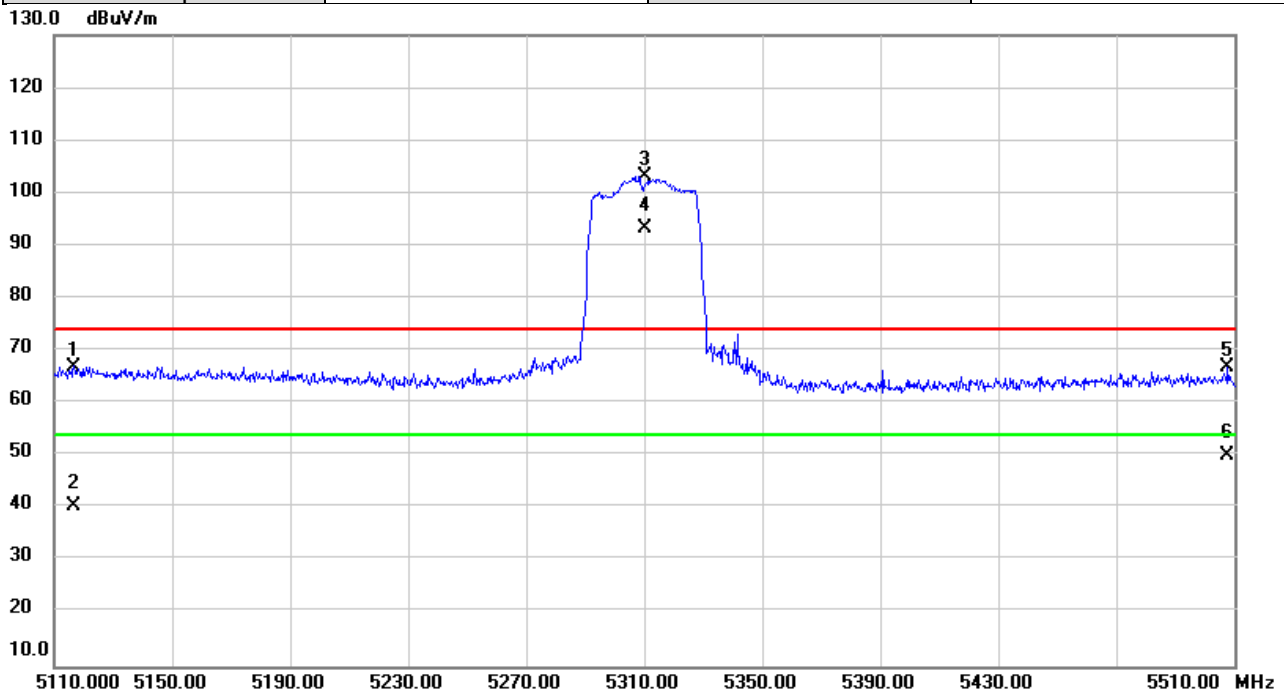


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5141.573	29.73	37.29	67.02	74.00	-6.98	peak	
2		5141.573	4.21	37.29	41.50	54.00	-12.50	AVG	
3	X	5270.000	70.92	37.41	108.33	74.00	34.33	peak	NoLimit
4	*	5270.000	61.44	37.41	98.85	54.00	44.85	AVG	NoLimit
5		5352.040	27.69	37.48	65.17	74.00	-8.83	peak	
6		5352.040	12.07	37.48	49.55	54.00	-4.45	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/1
Test Frequency	5310MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

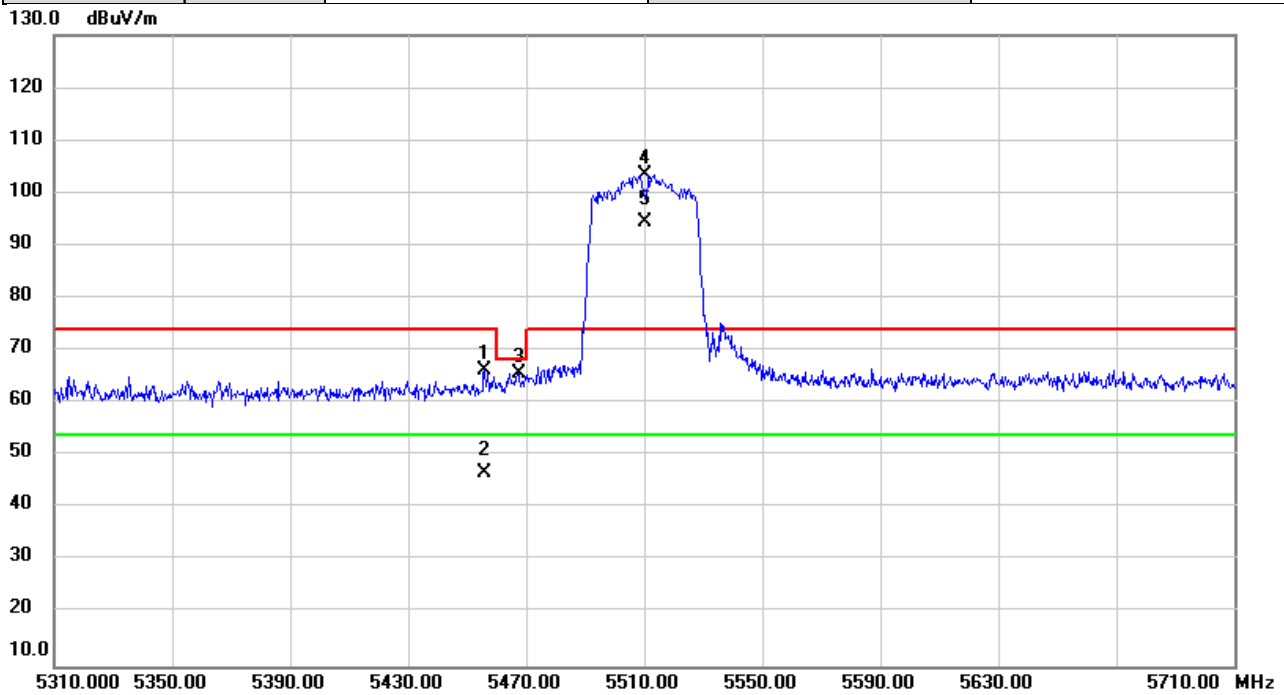


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5116.480	29.73	37.27	67.00	74.00	-7.00	peak	
2		5116.480	3.13	37.27	40.40	54.00	-13.60	AVG	
3	X	5310.000	65.74	37.45	103.19	74.00	29.19	peak	NoLimit
4	*	5310.000	55.85	37.45	93.30	54.00	39.30	AVG	NoLimit
5		5507.853	29.23	37.63	66.86	74.00	-7.14	peak	
6		5507.853	12.48	37.63	50.11	54.00	-3.89	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5510MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



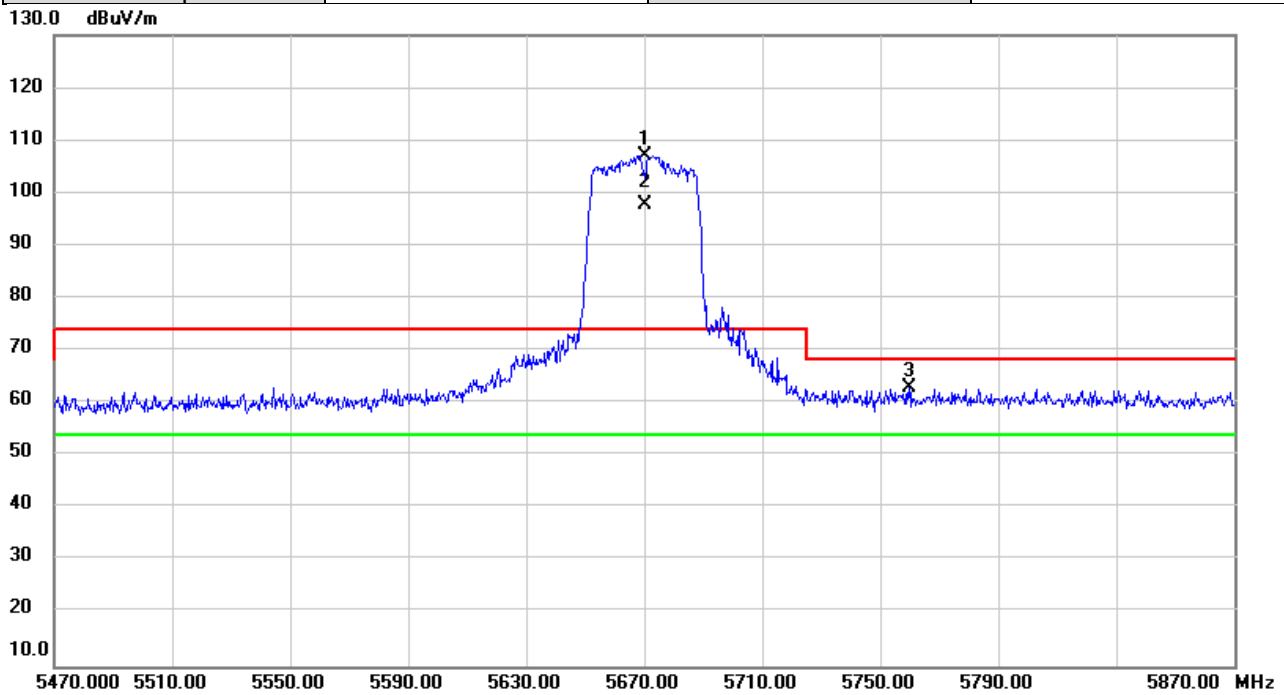
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5455.600	28.57	37.57	66.14	74.00	-7.86	peak	
2		5455.600	9.23	37.57	46.80	54.00	-7.20	AVG	
3		5467.453	28.17	37.58	65.75	68.20	-2.45	peak	
4	X	5510.000	65.80	37.63	103.43	74.00	29.43	peak	NoLimit
5	*	5510.000	56.96	37.63	94.59	54.00	40.59	AVG	NoLimit

REMARKS:

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

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5670MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



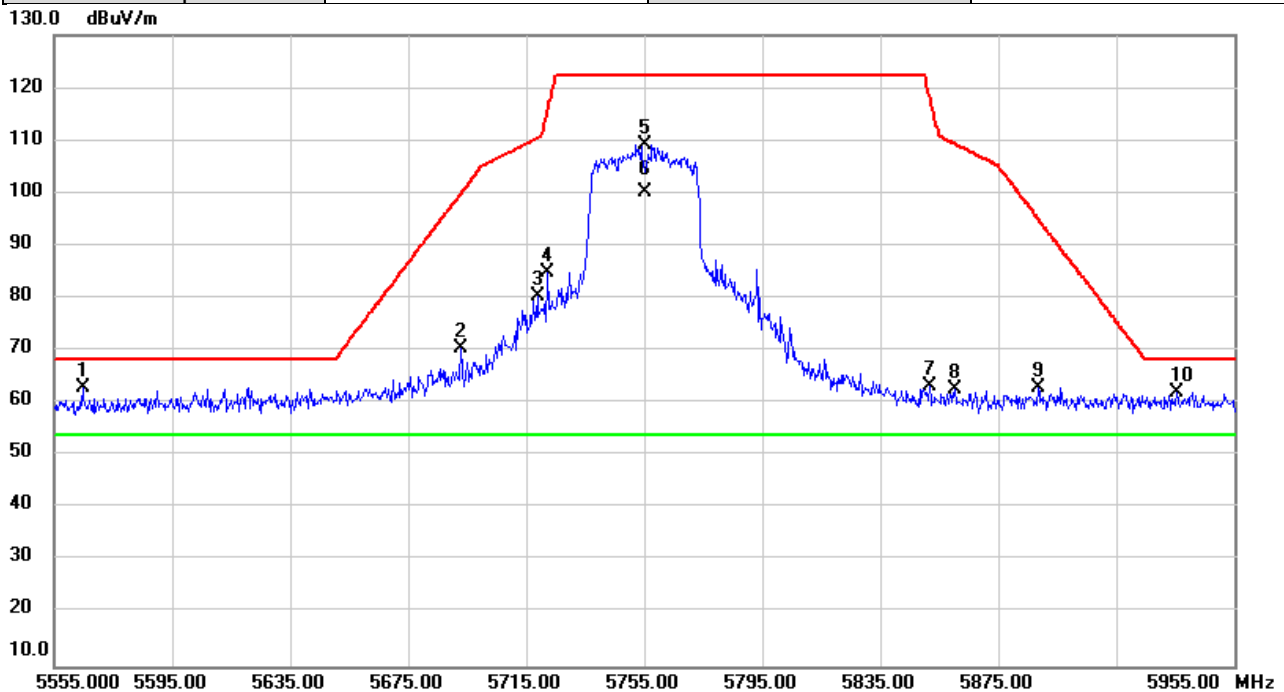
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5670.000	69.14	37.97	107.11	74.00	33.11	peak	NoLimit
2	*	5670.000	59.83	37.97	97.80	54.00	43.80	AVG	NoLimit
3		5759.813	24.66	38.16	62.82	68.20	-5.38	peak	

REMARKS:

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

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5755MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

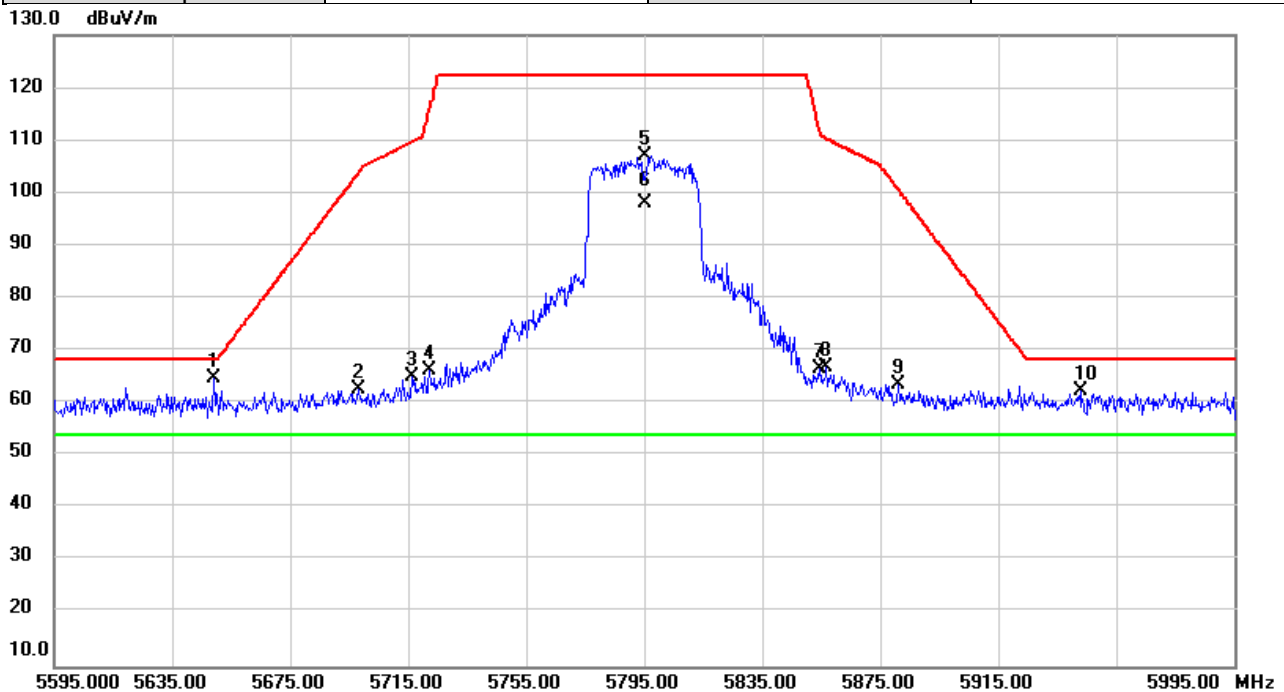


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5564.947	25.27	37.75	63.02	68.20	-5.18	peak	
2		5692.880	32.34	38.02	70.36	99.95	-29.59	peak	
3		5718.920	42.41	38.08	80.49	110.50	-30.01	peak	
4		5722.227	46.69	38.09	84.78	115.88	-31.10	peak	
5		5755.000	70.95	38.16	109.11	122.20	-13.09	peak	NoLimit
6	*	5755.000	61.98	38.16	100.14	54.00	46.14	AVG	NoLimit
7		5851.600	24.86	38.36	63.22	118.55	-55.33	peak	
8		5860.187	24.28	38.38	62.66	109.35	-46.69	peak	
9		5888.773	24.53	38.45	62.98	94.98	-32.00	peak	
10		5935.533	23.60	38.54	62.14	68.20	-6.06	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5795MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

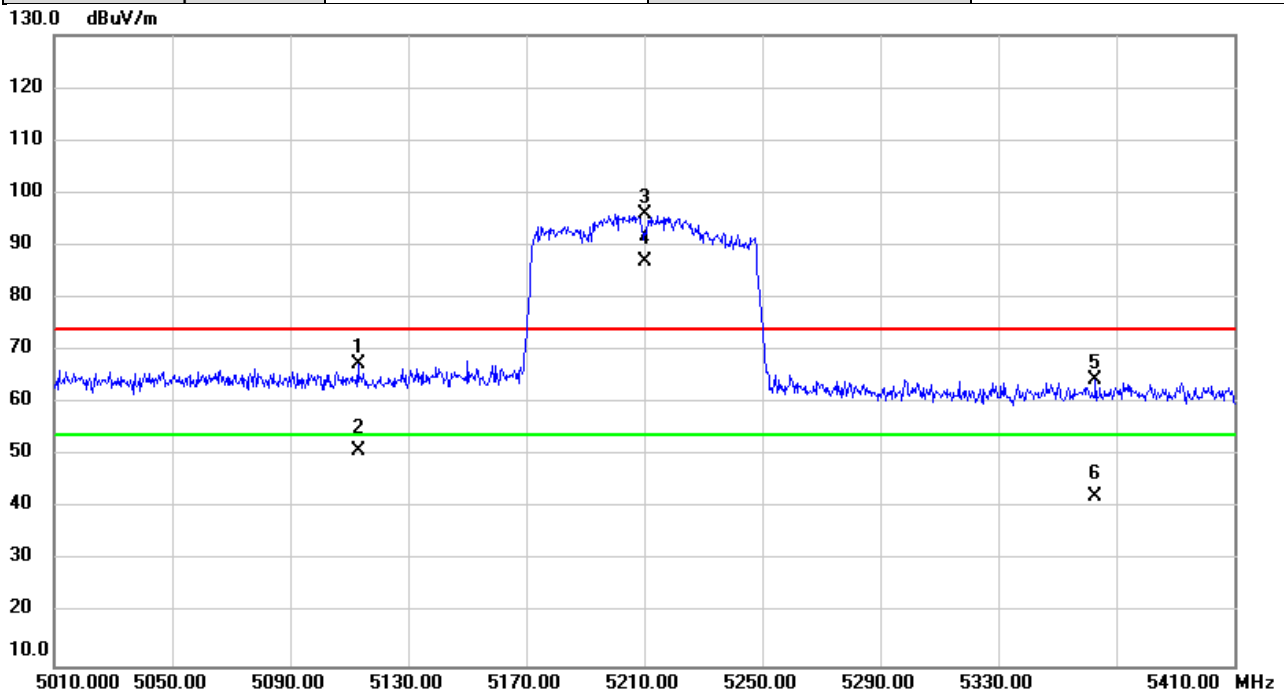


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5649.173	26.69	37.93	64.62	68.20	-3.58	peak	
2		5698.053	24.67	38.04	62.71	103.77	-41.06	peak	
3		5716.440	27.07	38.07	65.14	109.80	-44.66	peak	
4		5722.360	28.17	38.09	66.26	116.18	-49.92	peak	
5		5795.000	68.71	38.24	106.95	122.20	-15.25	peak	NoLimit
6	*	5795.000	59.74	38.24	97.98	54.00	43.98	AVG	NoLimit
7		5854.493	28.09	38.37	66.46	111.96	-45.50	peak	
8		5856.640	28.32	38.38	66.70	110.34	-43.64	peak	
9		5881.000	25.24	38.43	63.67	100.74	-37.07	peak	
10		5942.933	23.81	38.56	62.37	68.20	-5.83	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5210MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

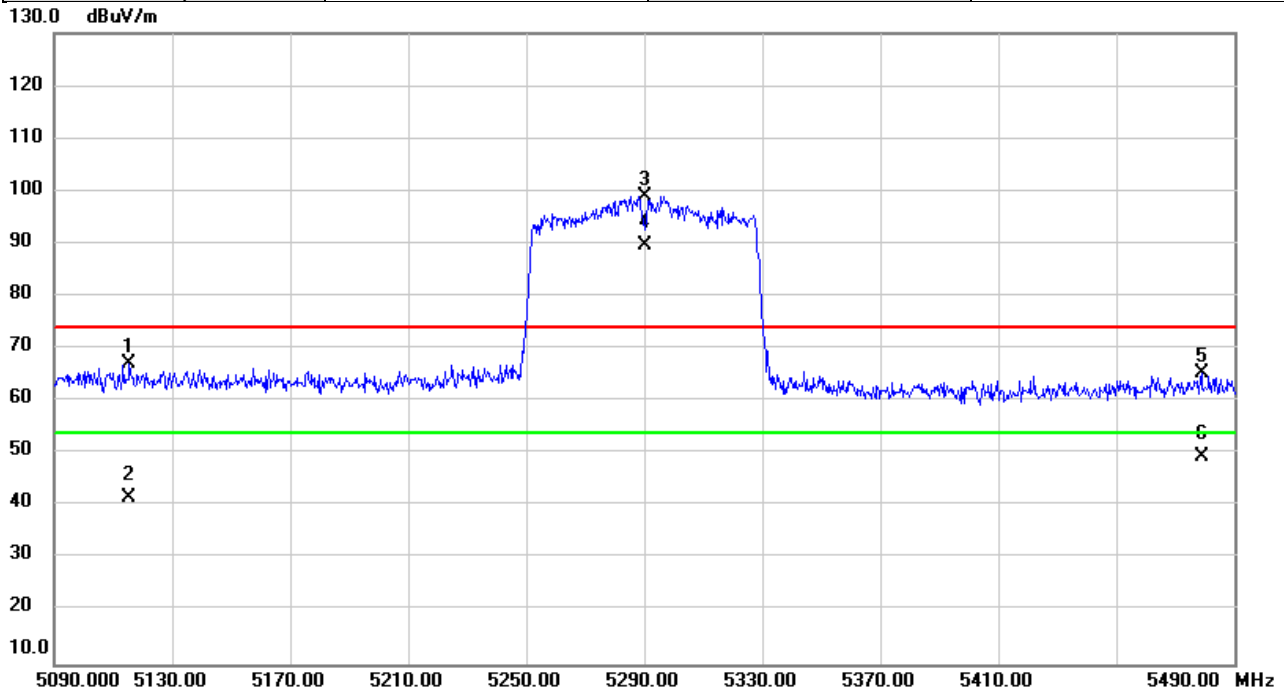


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5113.107	30.18	37.27	67.45	74.00	-6.55	peak	
2		5113.107	13.83	37.27	51.10	54.00	-2.90	AVG	
3	X	5210.000	58.49	37.36	95.85	74.00	21.85	peak	NoLimit
4	*	5210.000	49.71	37.36	87.07	54.00	33.07	AVG	NoLimit
5		5363.027	27.09	37.49	64.58	74.00	-9.42	peak	
6		5363.027	4.62	37.49	42.11	54.00	-11.89	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5290MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

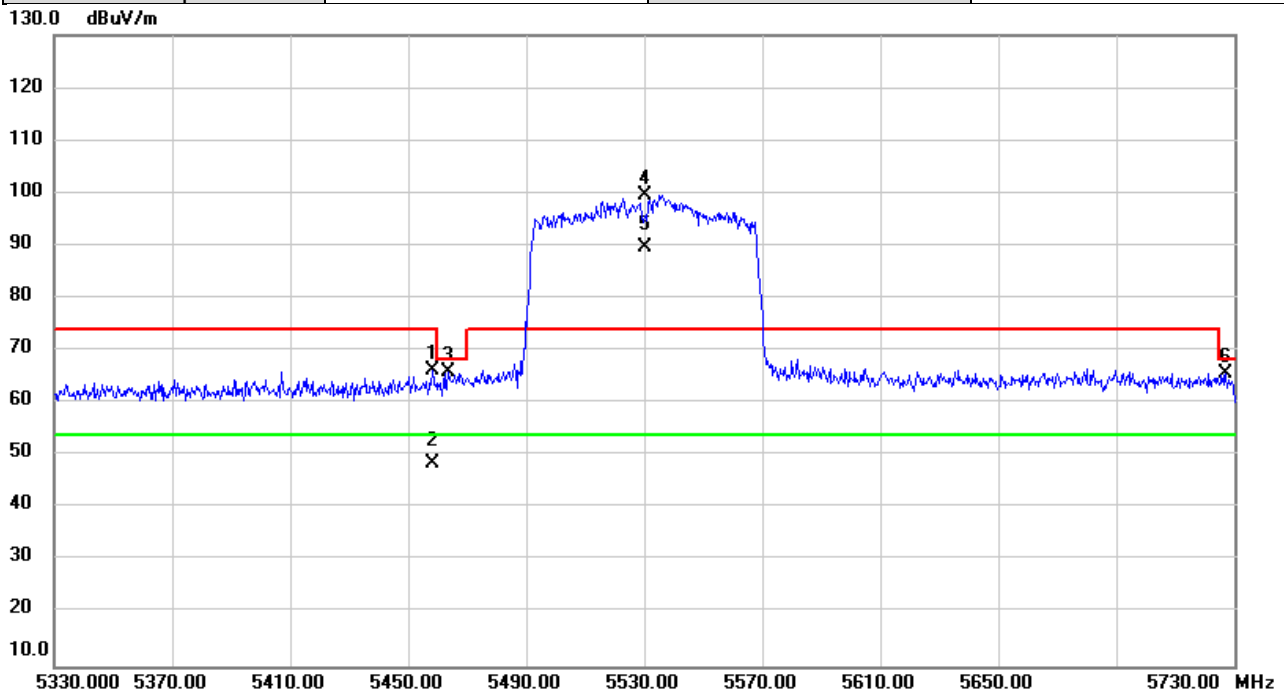


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5115.560	29.80	37.27	67.07	74.00	-6.93	peak	
2		5115.560	4.42	37.27	41.69	54.00	-12.31	AVG	
3	X	5290.000	61.55	37.42	98.97	74.00	24.97	peak	NoLimit
4	*	5290.000	52.33	37.42	89.75	54.00	35.75	AVG	NoLimit
5		5479.107	27.81	37.59	65.40	74.00	-8.60	peak	
6		5479.107	11.83	37.59	49.42	54.00	-4.58	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5530MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

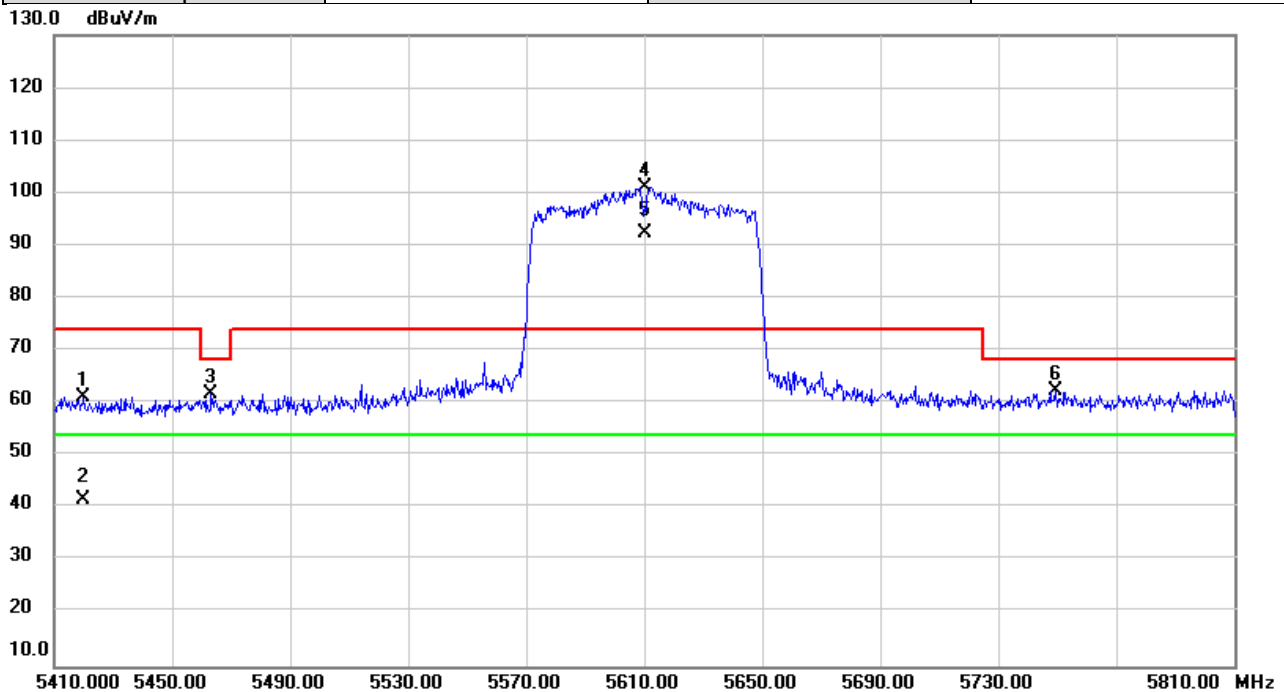


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5458.067	28.58	37.57	66.15	74.00	-7.85	peak	
2		5458.067	11.09	37.57	48.66	54.00	-5.34	AVG	
3		5463.680	28.28	37.58	65.86	68.20	-2.34	peak	
4	X	5530.000	61.91	37.68	99.59	74.00	25.59	peak	NoLimit
5	*	5530.000	51.87	37.68	89.55	54.00	35.55	AVG	NoLimit
6		5726.813	27.63	38.09	65.72	68.20	-2.48	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5610MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

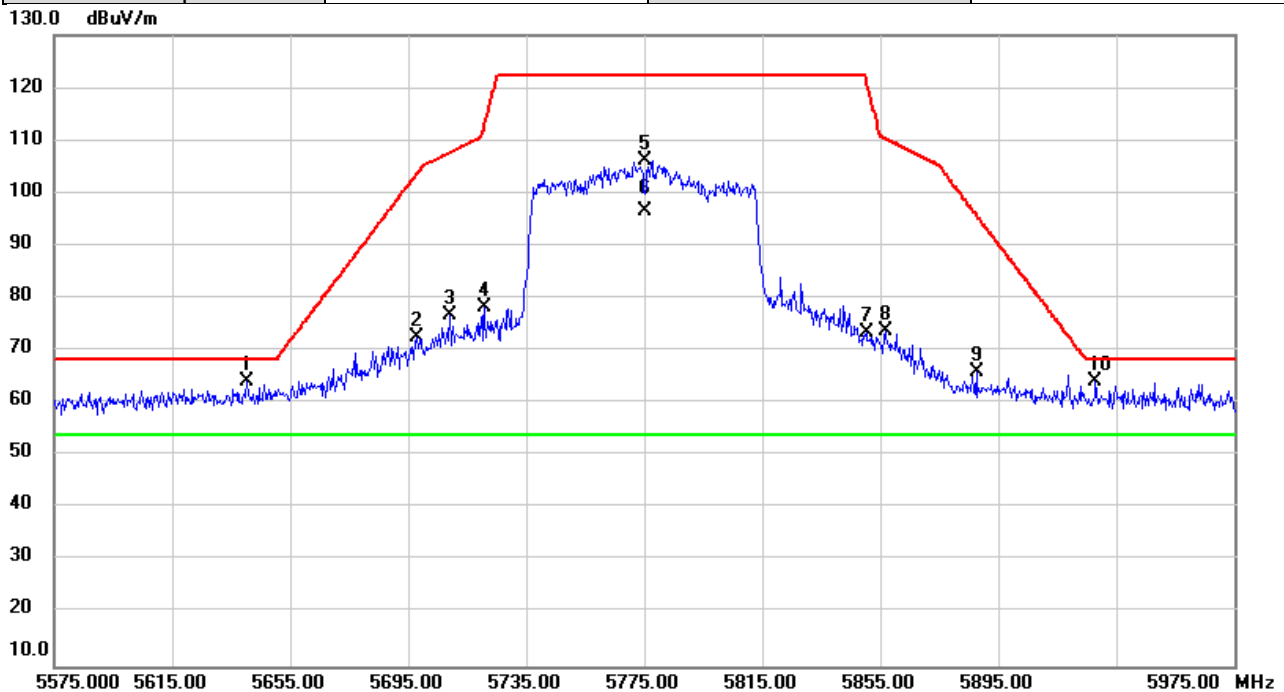


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5420.067	23.65	37.54	61.19	74.00	-12.81	peak	
2		5420.067	4.10	37.54	41.64	54.00	-12.36	AVG	
3		5463.320	24.04	37.58	61.62	68.20	-6.58	peak	
4	X	5610.000	63.20	37.84	101.04	74.00	27.04	peak	NoLimit
5	*	5610.000	54.41	37.84	92.25	54.00	38.25	AVG	NoLimit
6		5749.253	24.35	38.14	62.49	68.20	-5.71	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5775MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

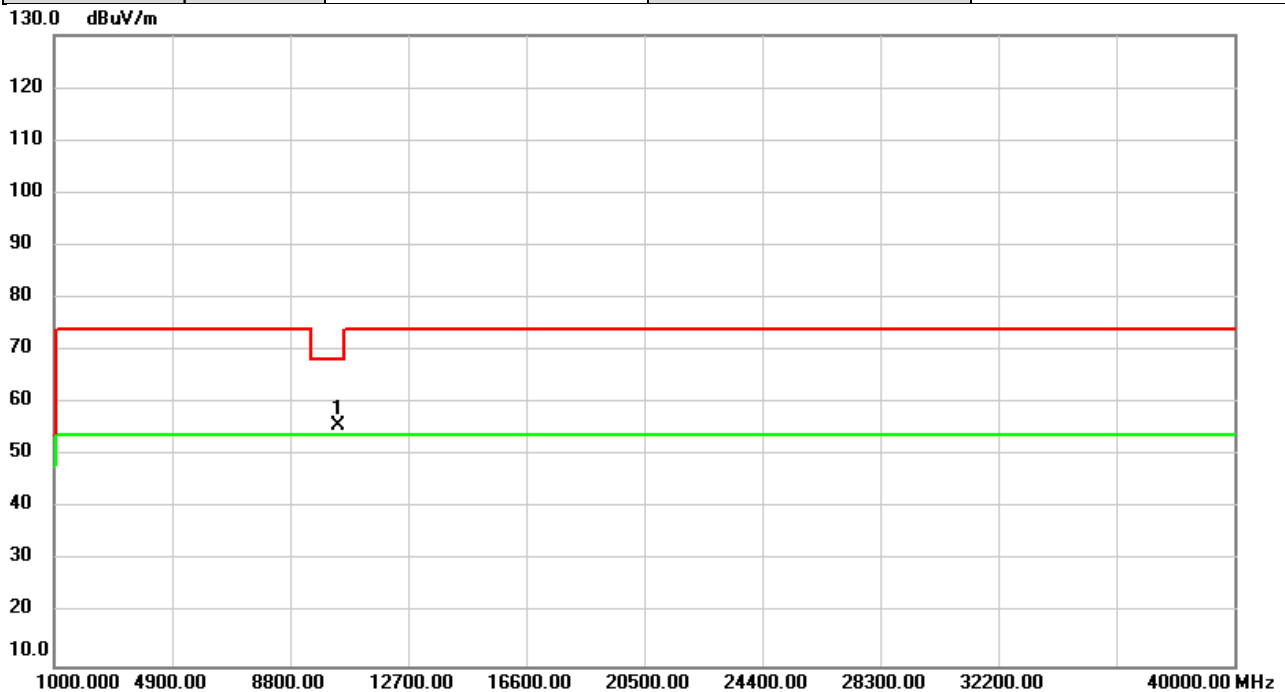


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5640.240	26.11	37.91	64.02	68.20	-4.18	peak	
2		5698.067	34.52	38.04	72.56	103.78	-31.22	peak	
3		5709.227	38.82	38.06	76.88	107.79	-30.91	peak	
4		5720.653	40.25	38.08	78.33	112.29	-33.96	peak	
5		5775.000	67.86	38.20	106.06	122.20	-16.14	peak	NoLimit
6	*	5775.000	58.31	38.20	96.51	54.00	42.51	AVG	NoLimit
7		5850.360	35.16	38.36	73.52	121.38	-47.86	peak	
8		5856.627	35.31	38.38	73.69	110.34	-36.65	peak	
9		5887.600	27.59	38.44	66.03	95.85	-29.82	peak	
10		5927.840	25.49	38.52	64.01	68.20	-4.19	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5180MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

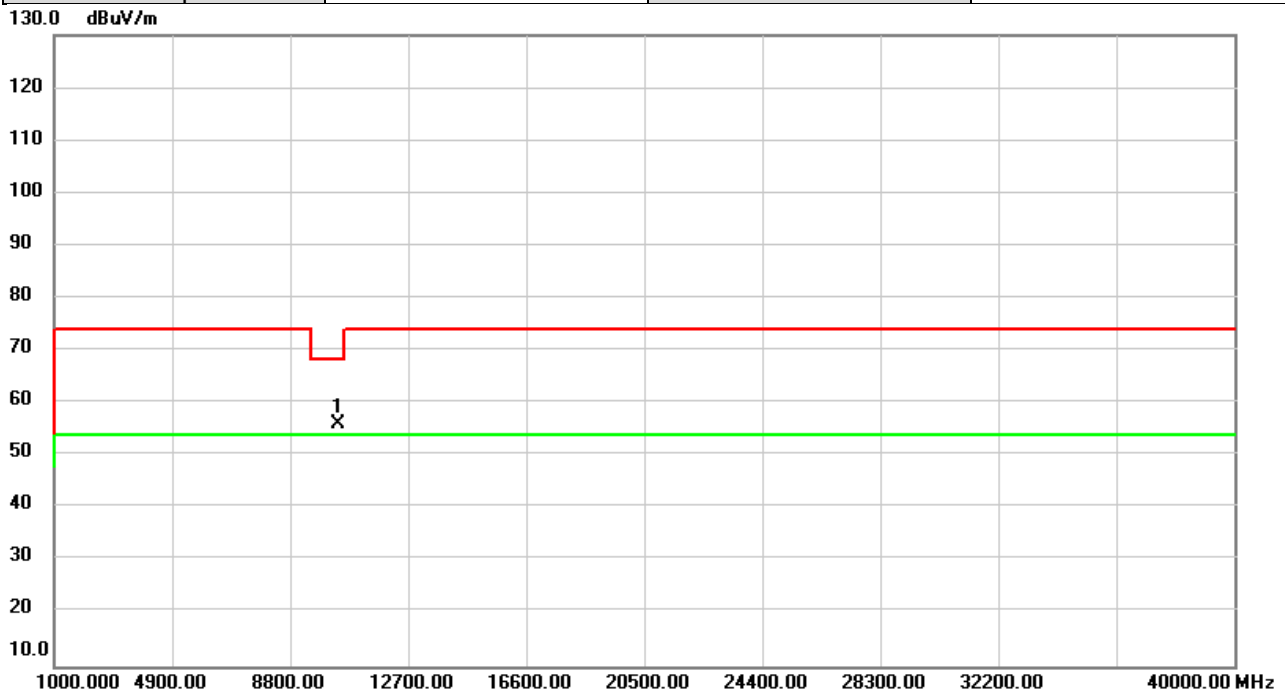


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	50.89	4.85	55.74	68.20	-12.46	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5180MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

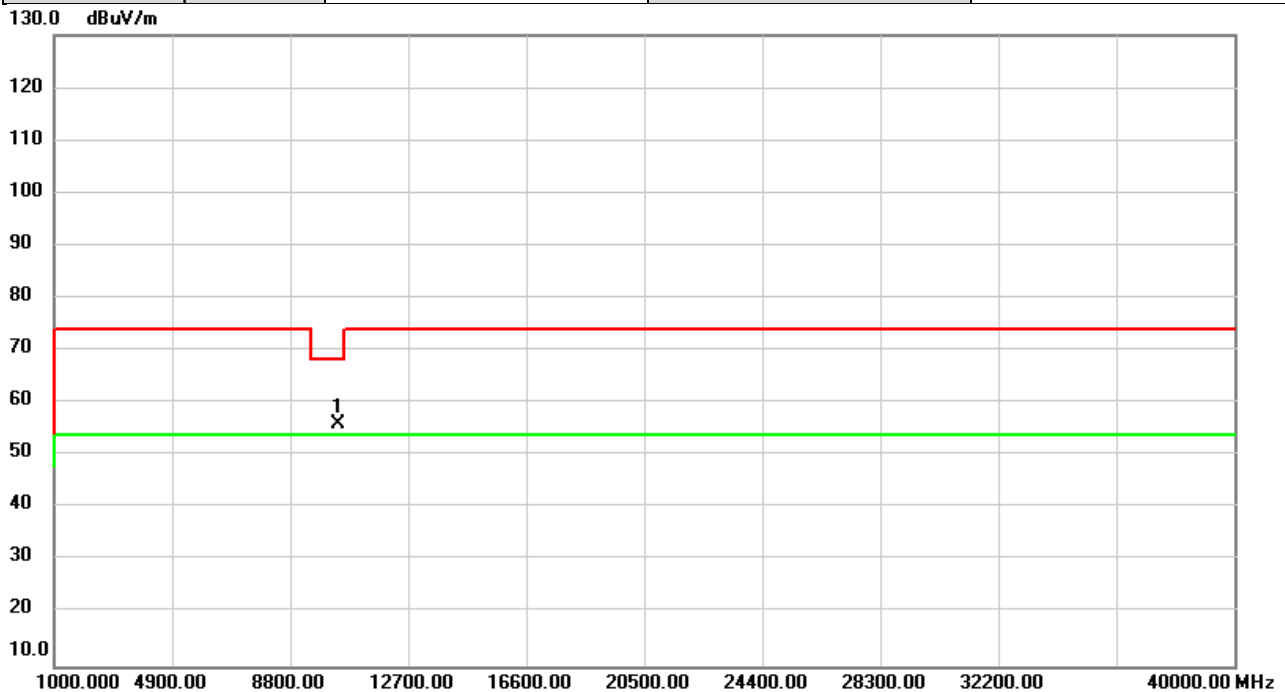


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	51.30	4.85	56.15	68.20	-12.05	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5200MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

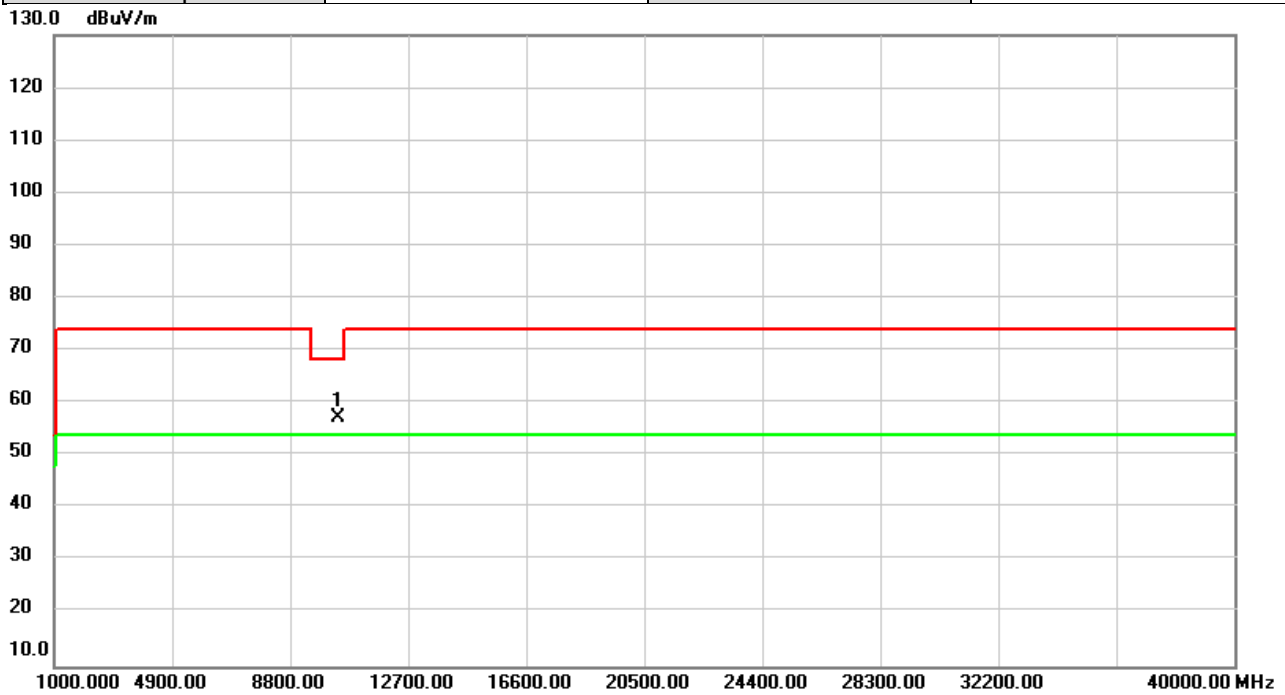


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	51.03	4.94	55.97	68.20	-12.23	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5200MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

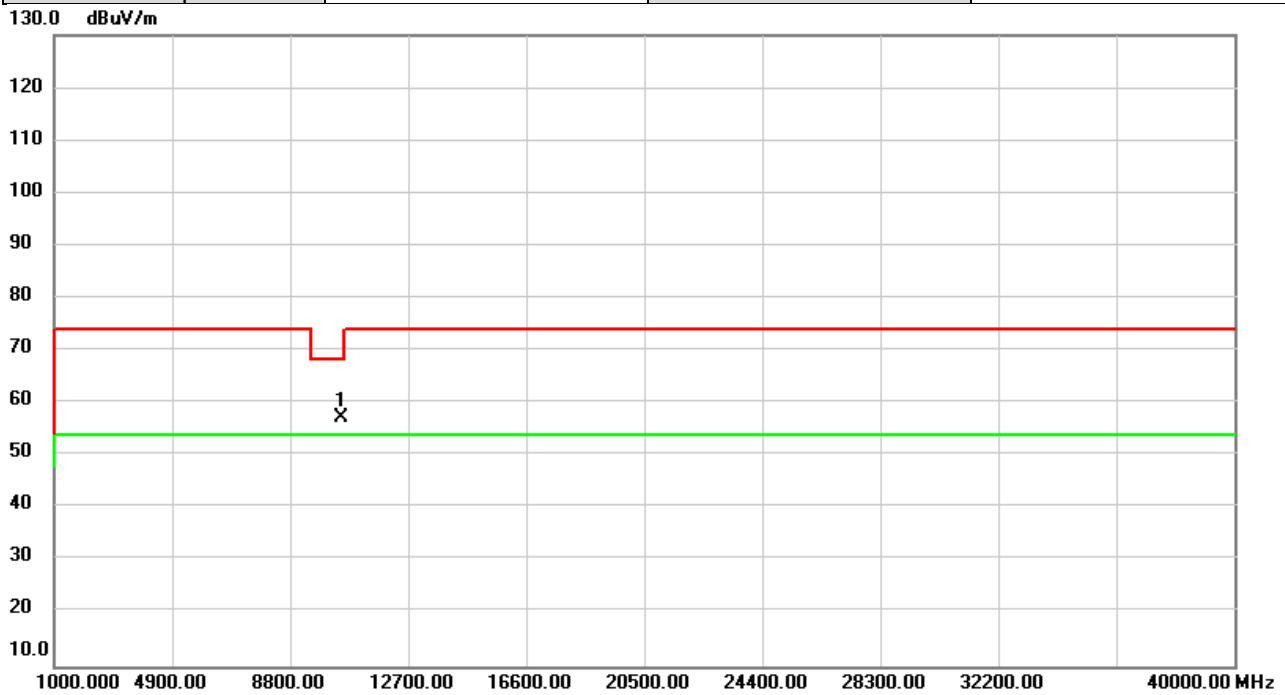


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	52.21	4.94	57.15	68.20	-11.05	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5240MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

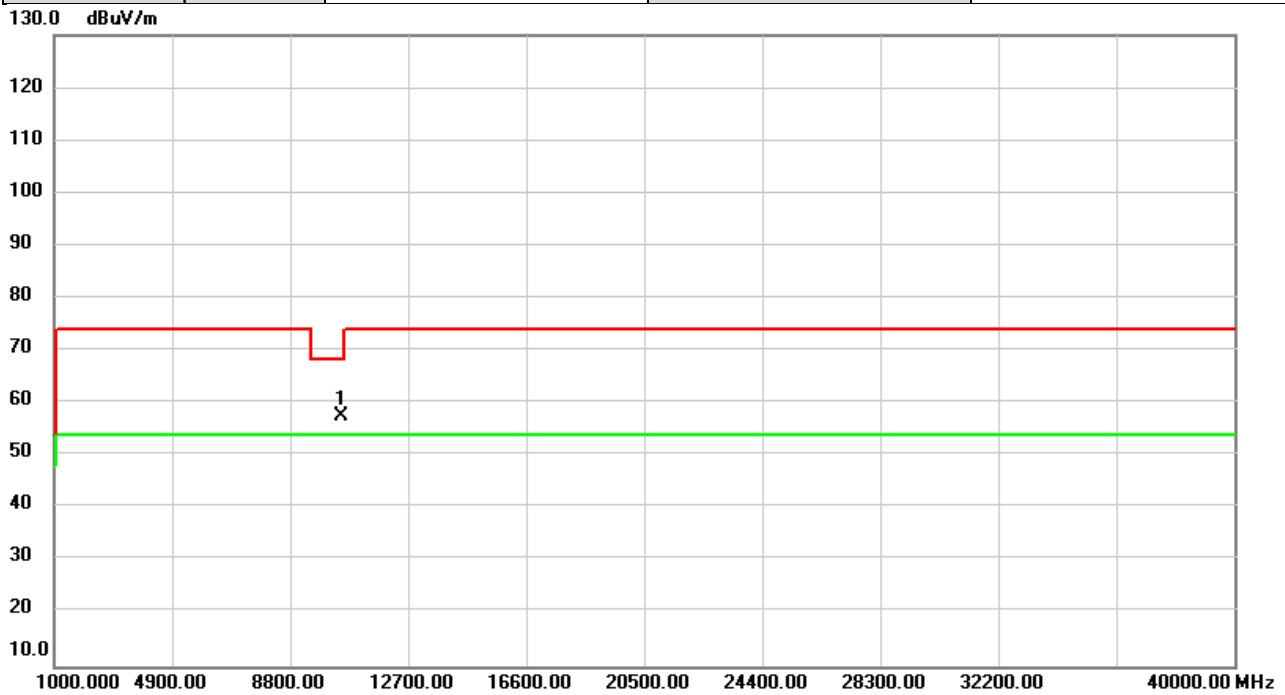


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	52.02	5.15	57.17	68.20	-11.03	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5240MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

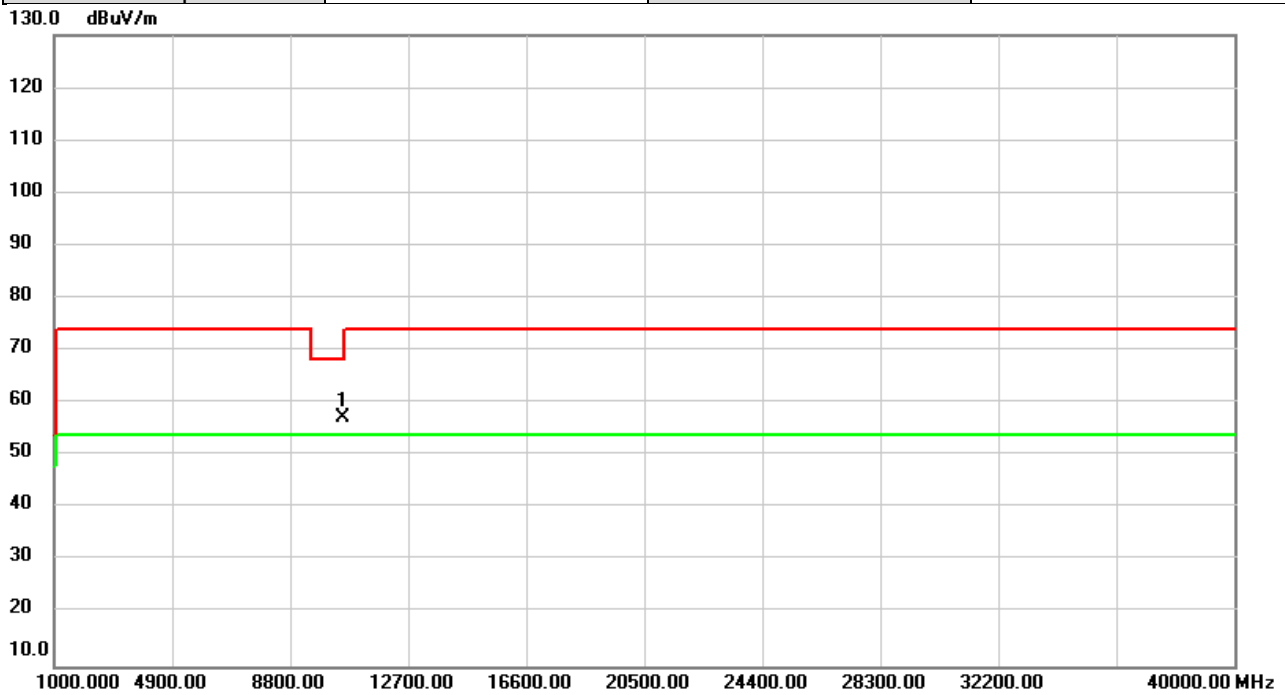


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	10480.00	52.30	5.15	57.45	68.20	-10.75	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5260MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

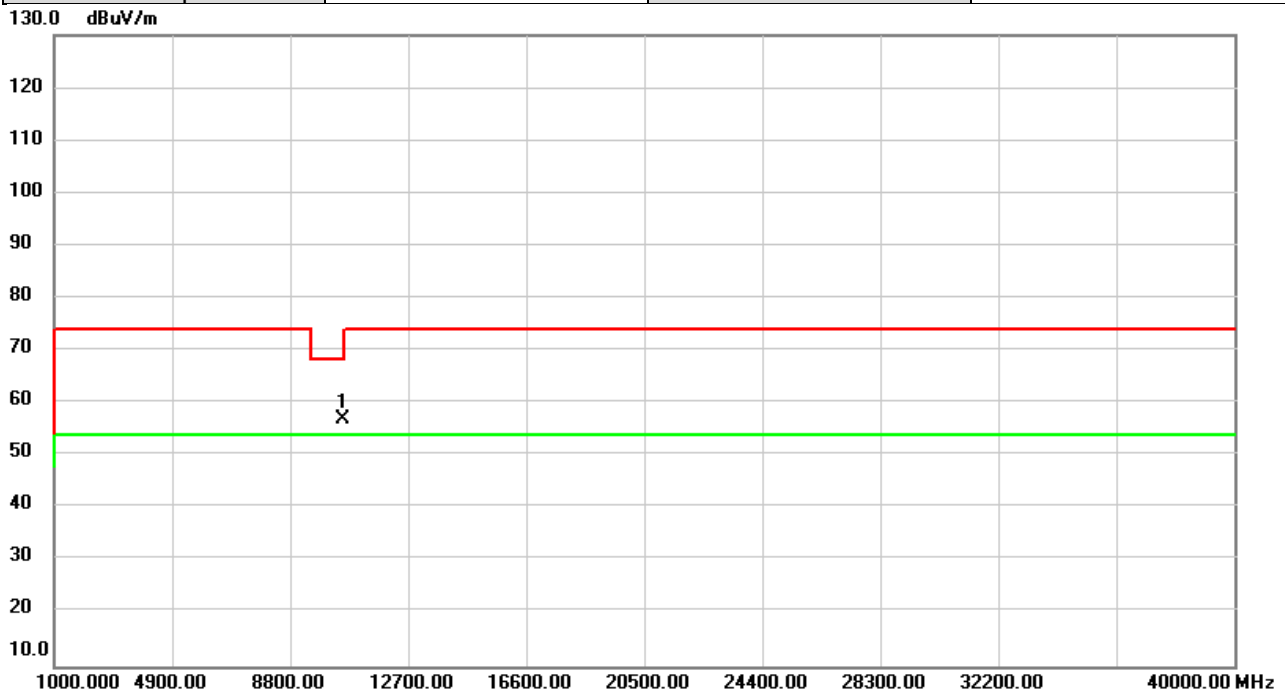


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	51.95	5.24	57.19	68.20	-11.01	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5260MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

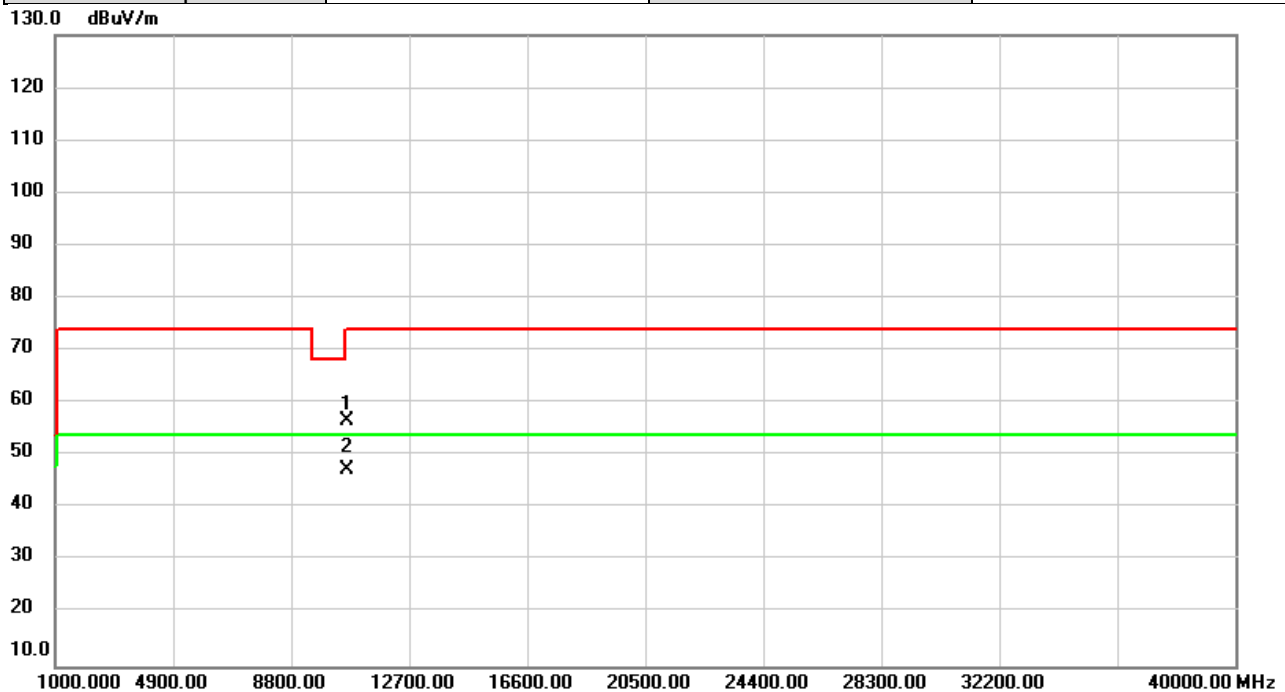


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	51.68	5.24	56.92	68.20	-11.28	peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5320MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

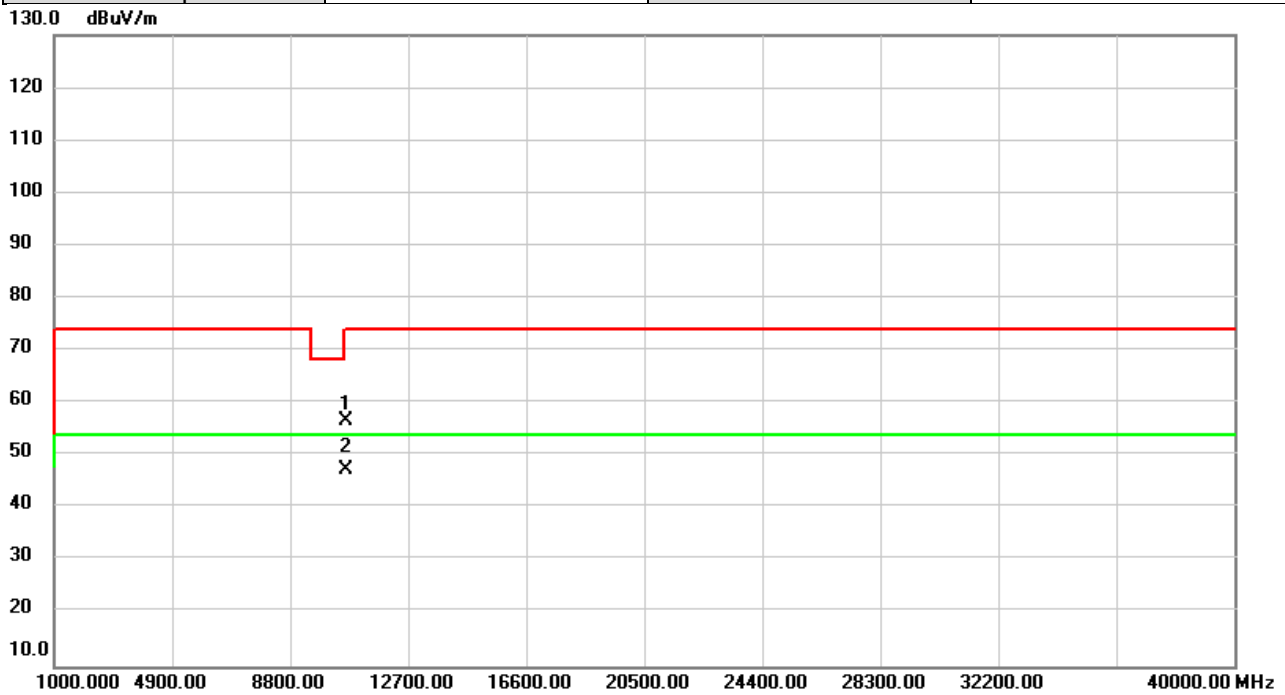


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	51.19	5.49	56.68	74.00	-17.32	peak	
2	*	10640.00	41.75	5.49	47.24	54.00	-6.76	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5320MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

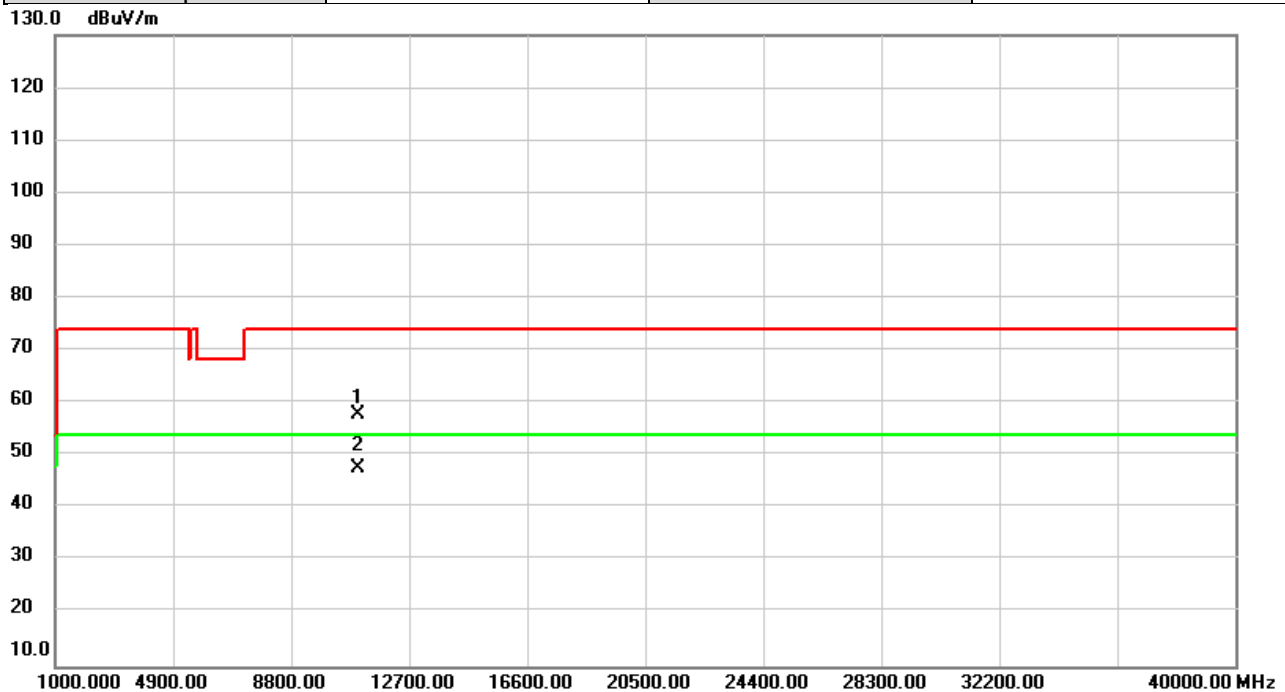


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	51.17	5.49	56.66	74.00	-17.34	peak	
2	*	10640.00	41.79	5.49	47.28	54.00	-6.72	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5500MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

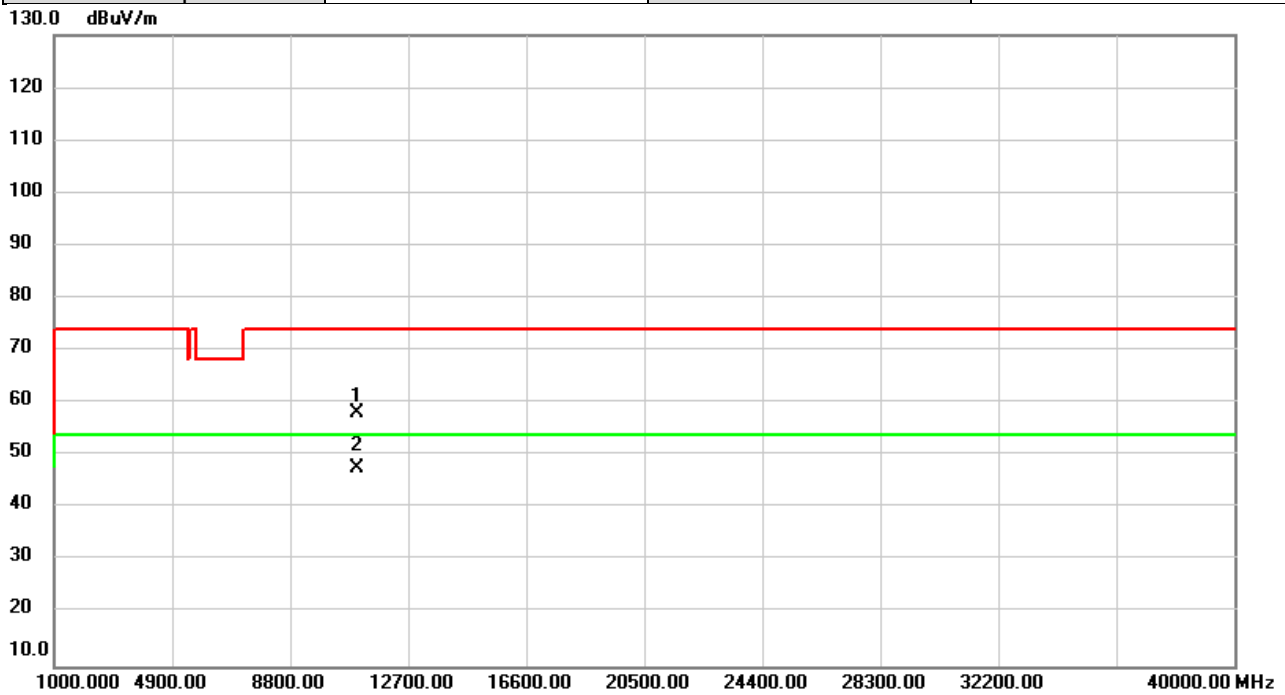


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11000.00	51.70	6.24	57.94	74.00	-16.06	peak	
2	*	11000.00	41.28	6.24	47.52	54.00	-6.48	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5500MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

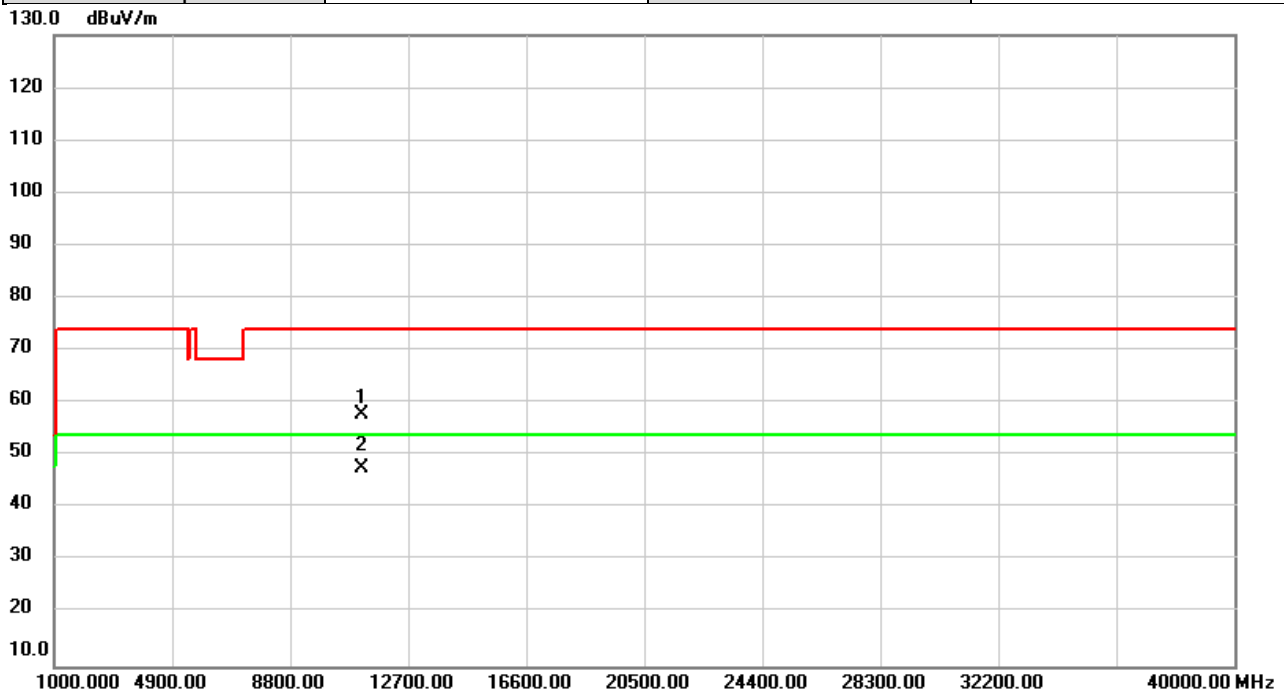


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11000.00	52.02	6.24	58.26	74.00	-15.74	peak	
2	*	11000.00	41.46	6.24	47.70	54.00	-6.30	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5580MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

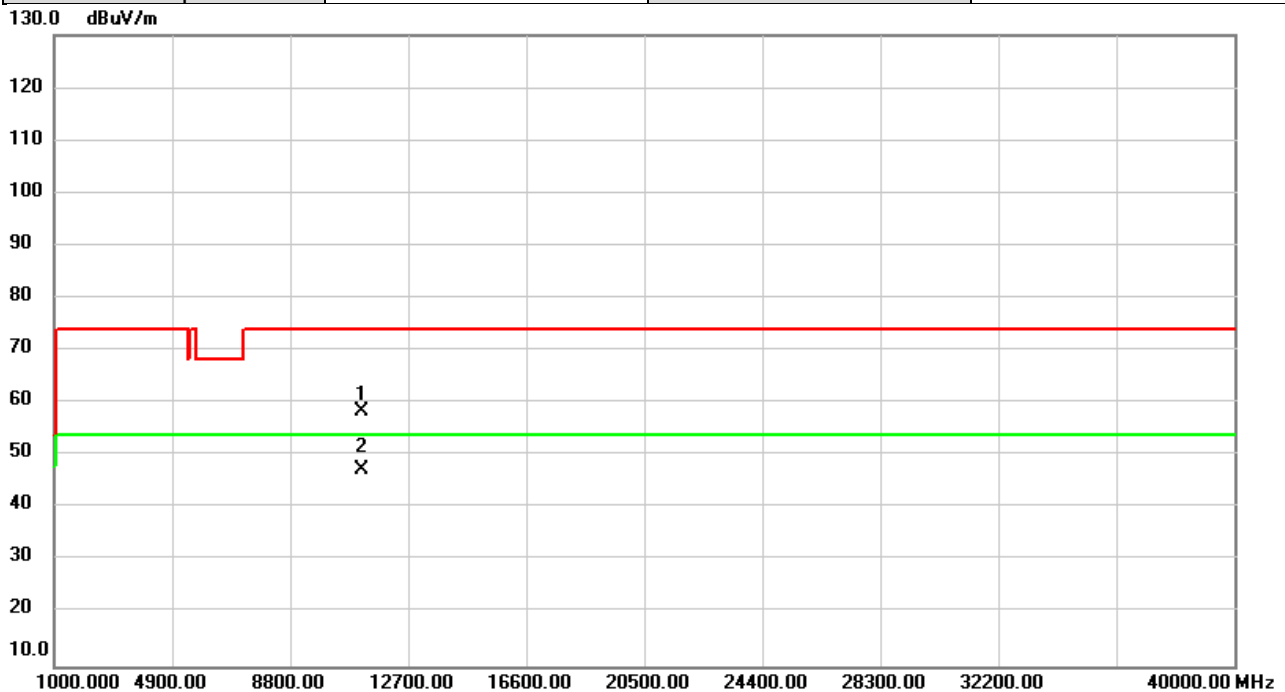


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11160.00	52.13	5.85	57.98	74.00	-16.02	peak	
2	*	11160.00	41.67	5.85	47.52	54.00	-6.48	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5580MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

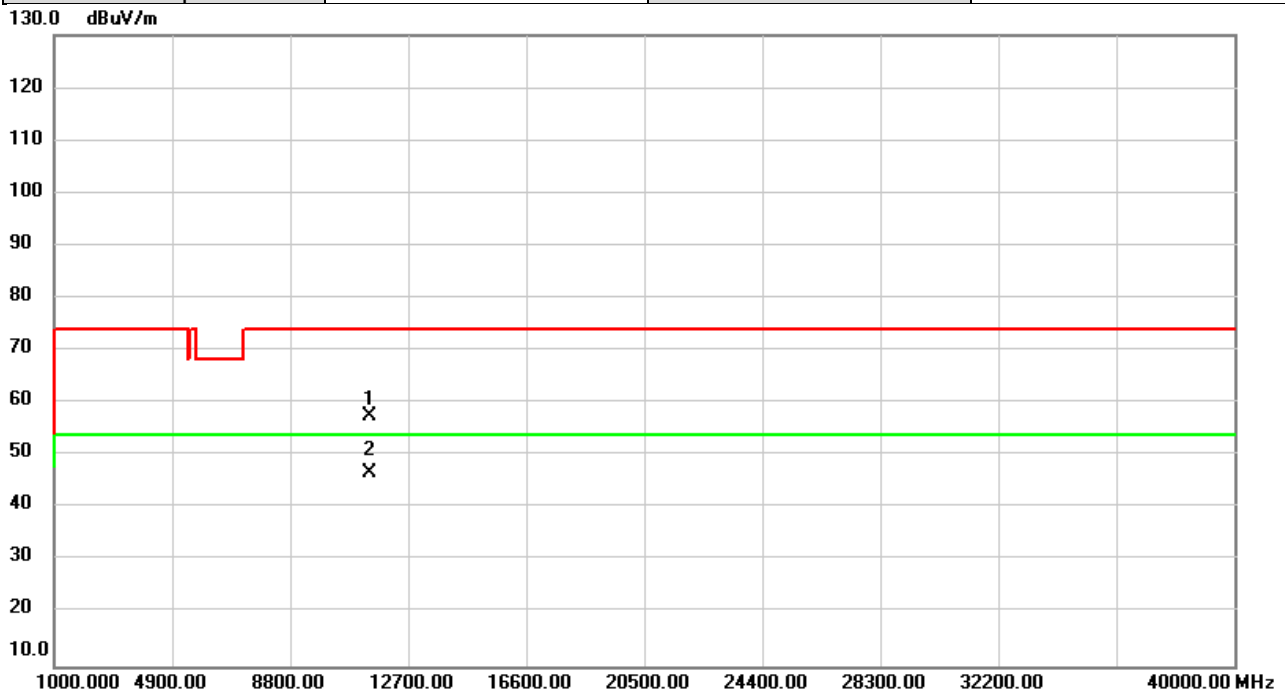


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11160.00	52.75	5.85	58.60	74.00	-15.40	peak	
2	*	11160.00	41.54	5.85	47.39	54.00	-6.61	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5700MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

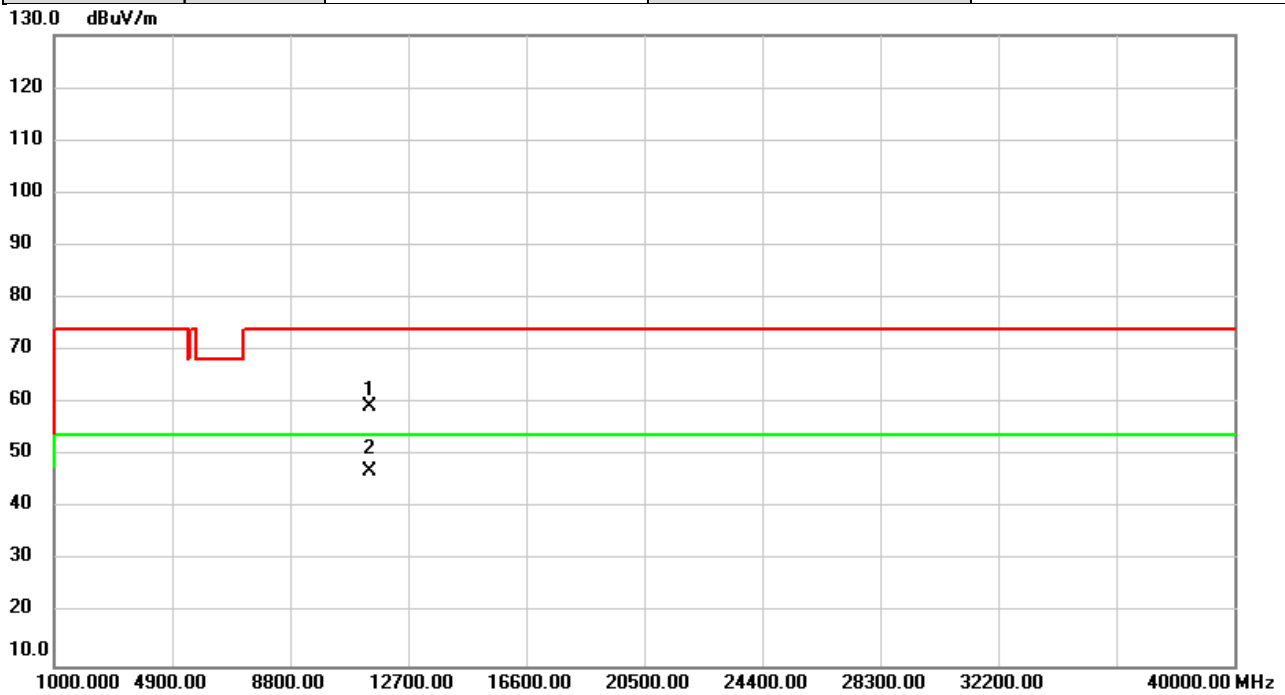


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	52.29	5.27	57.56	74.00	-16.44	peak	
2	*	11400.00	41.63	5.27	46.90	54.00	-7.10	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5700MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

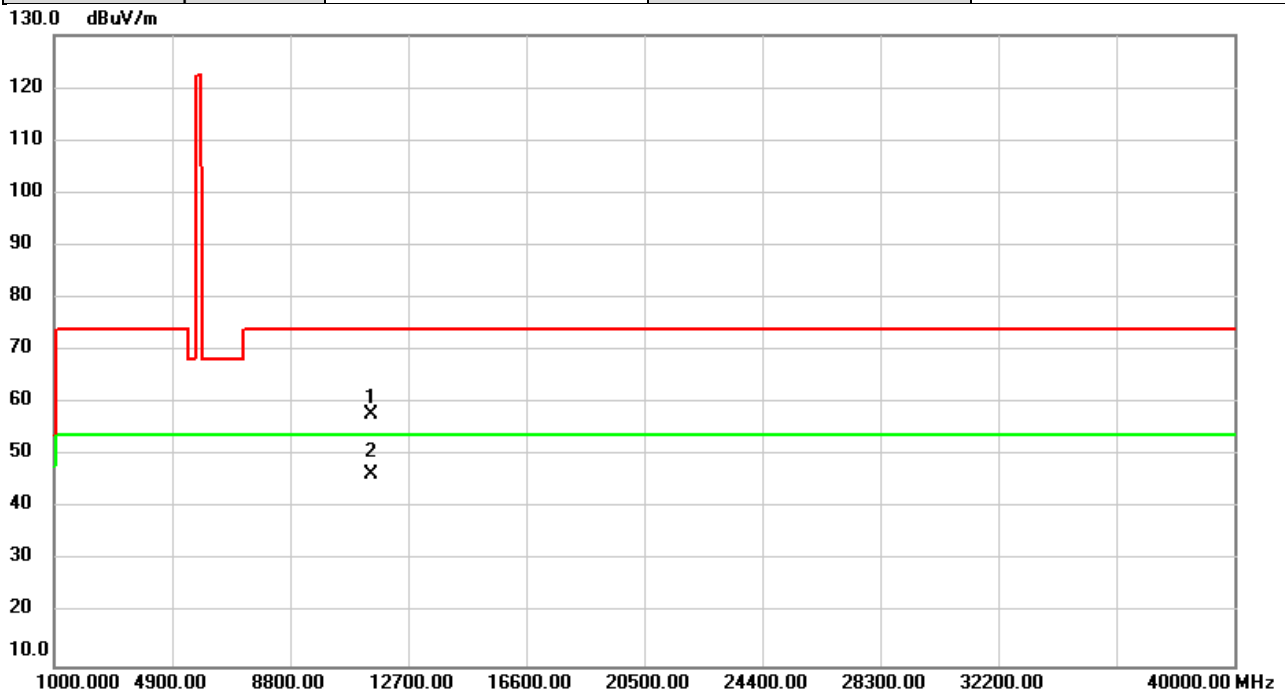


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11400.00	53.94	5.27	59.21	74.00	-14.79	peak	
2	*	11400.00	41.74	5.27	47.01	54.00	-6.99	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5745MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

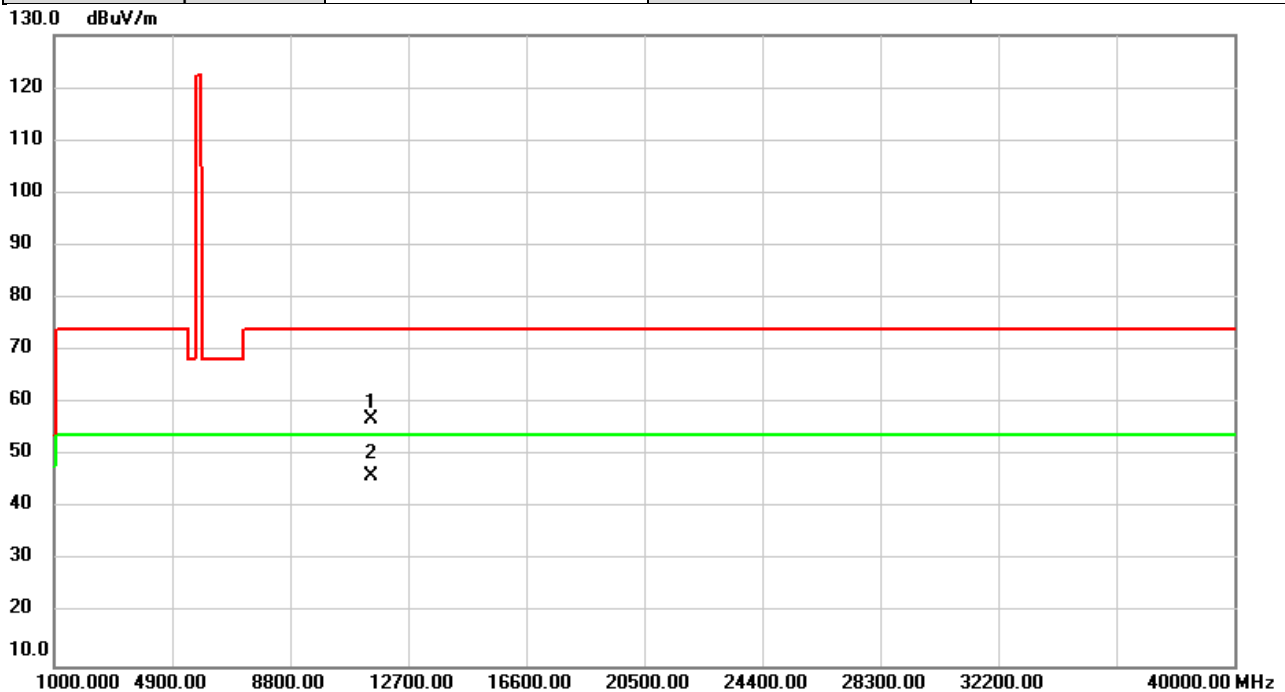


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	52.67	5.05	57.72	74.00	-16.28	peak	
2	*	11490.00	41.53	5.05	46.58	54.00	-7.42	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5745MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

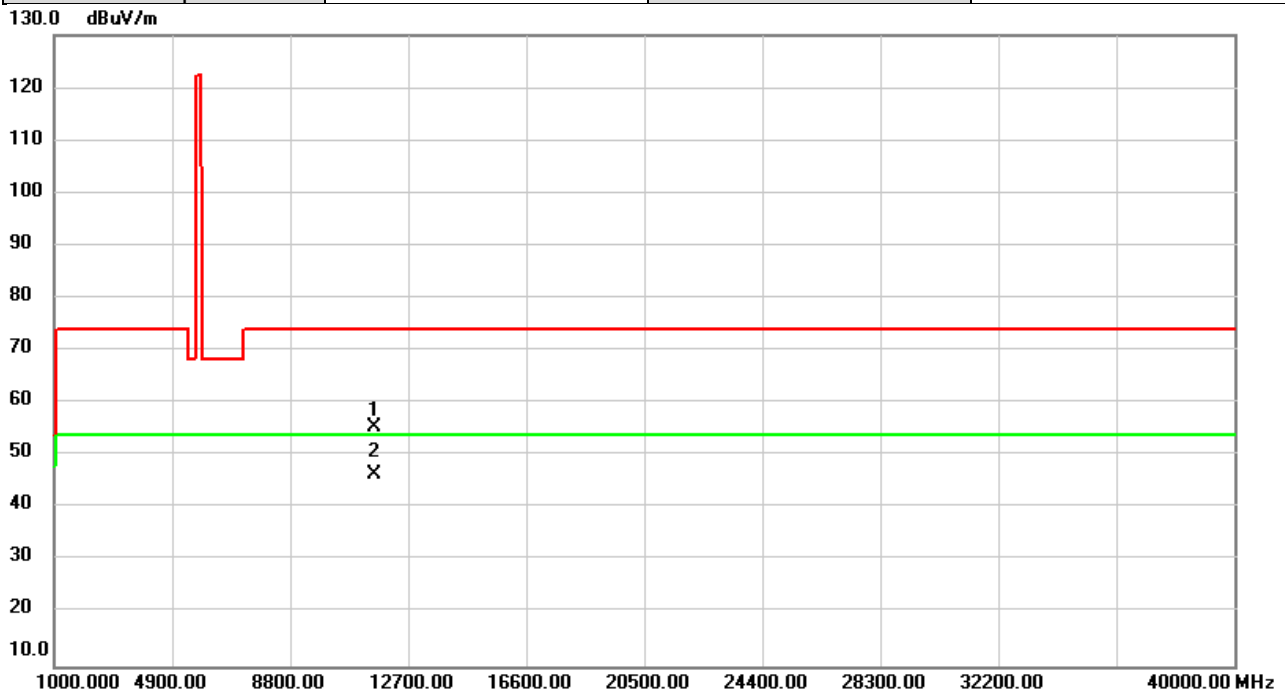


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	51.76	5.05	56.81	74.00	-17.19	peak	
2	*	11490.00	41.25	5.05	46.30	54.00	-7.70	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5785MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

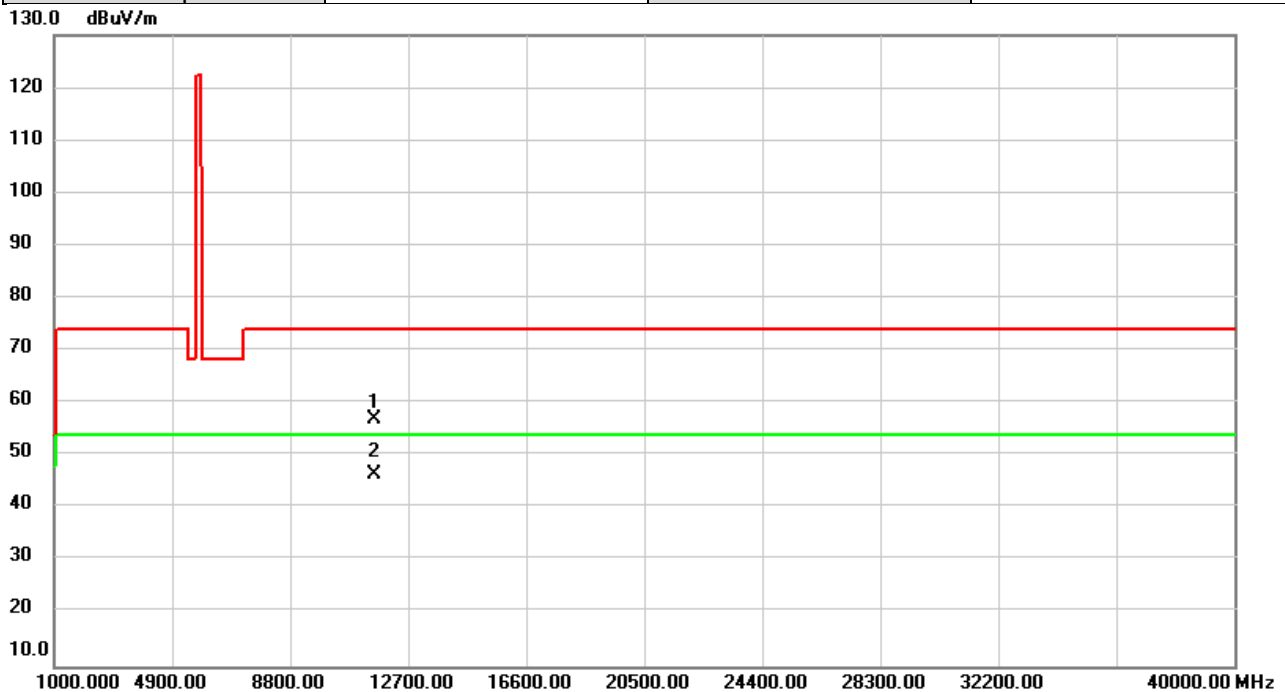


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	50.56	4.87	55.43	74.00	-18.57	peak	
2	*	11570.00	41.52	4.87	46.39	54.00	-7.61	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5785MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

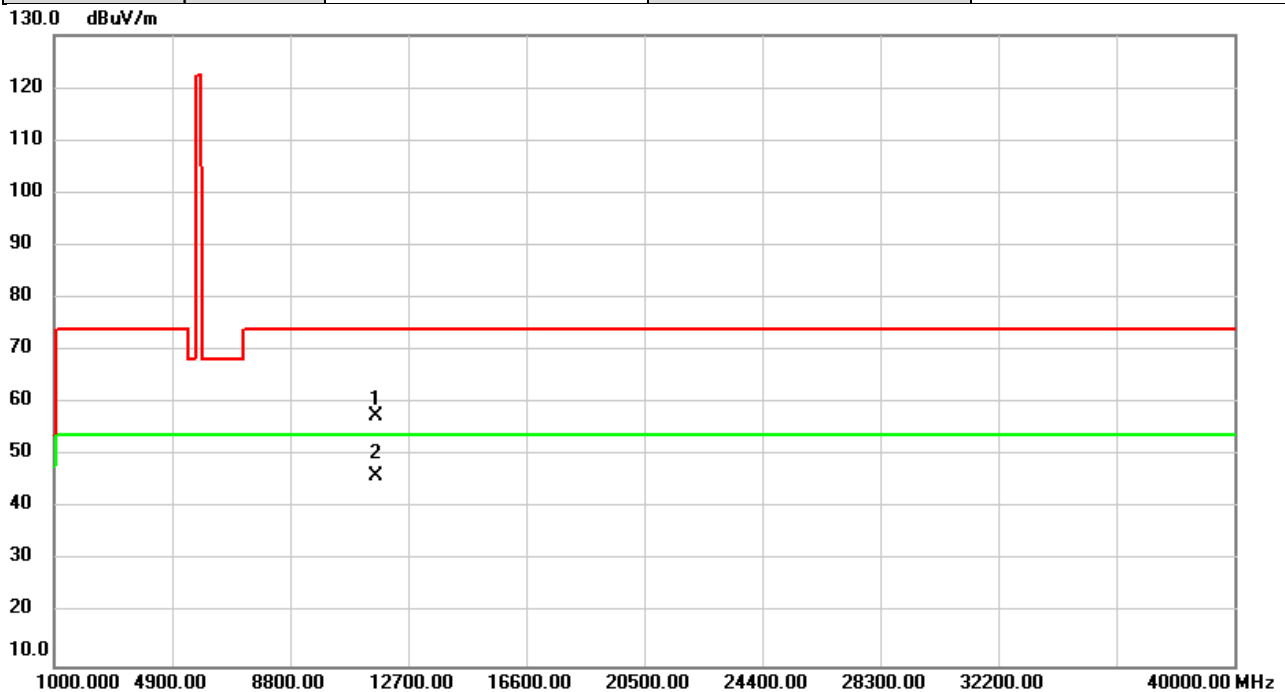


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	52.04	4.87	56.91	74.00	-17.09	peak	
2	*	11570.00	41.46	4.87	46.33	54.00	-7.67	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5825MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

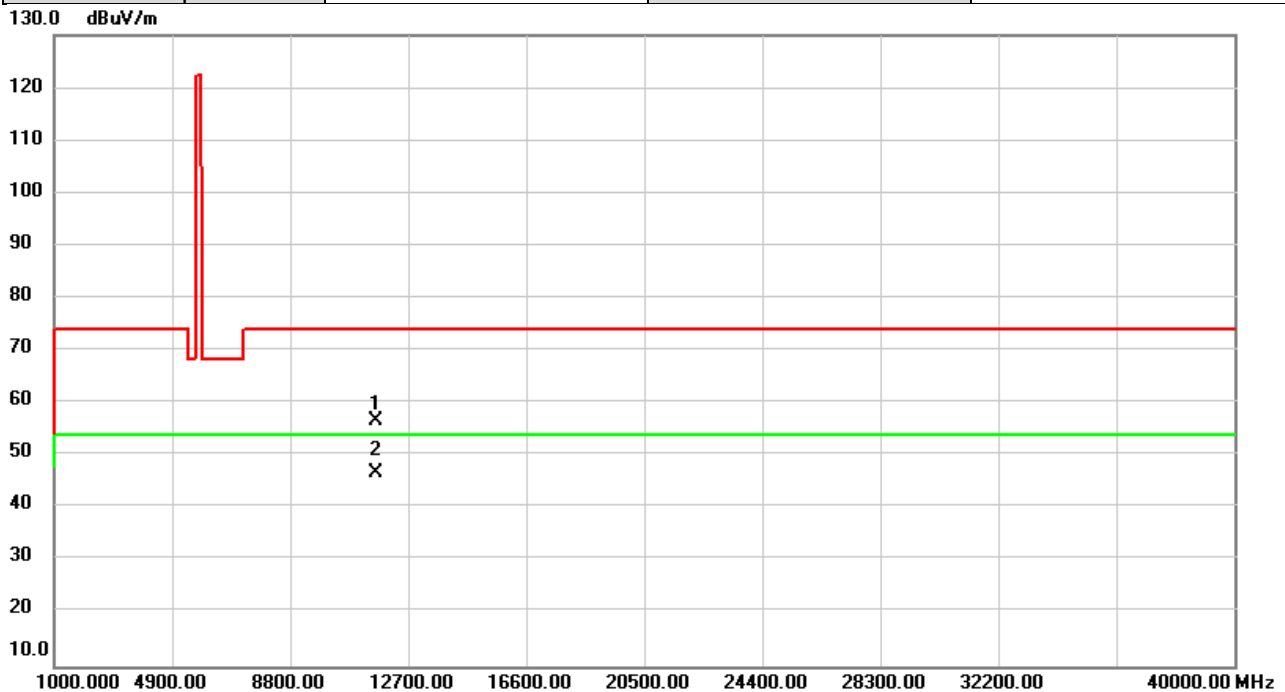


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	52.73	4.69	57.42	74.00	-16.58	peak	
2	*	11650.00	41.39	4.69	46.08	54.00	-7.92	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5825MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

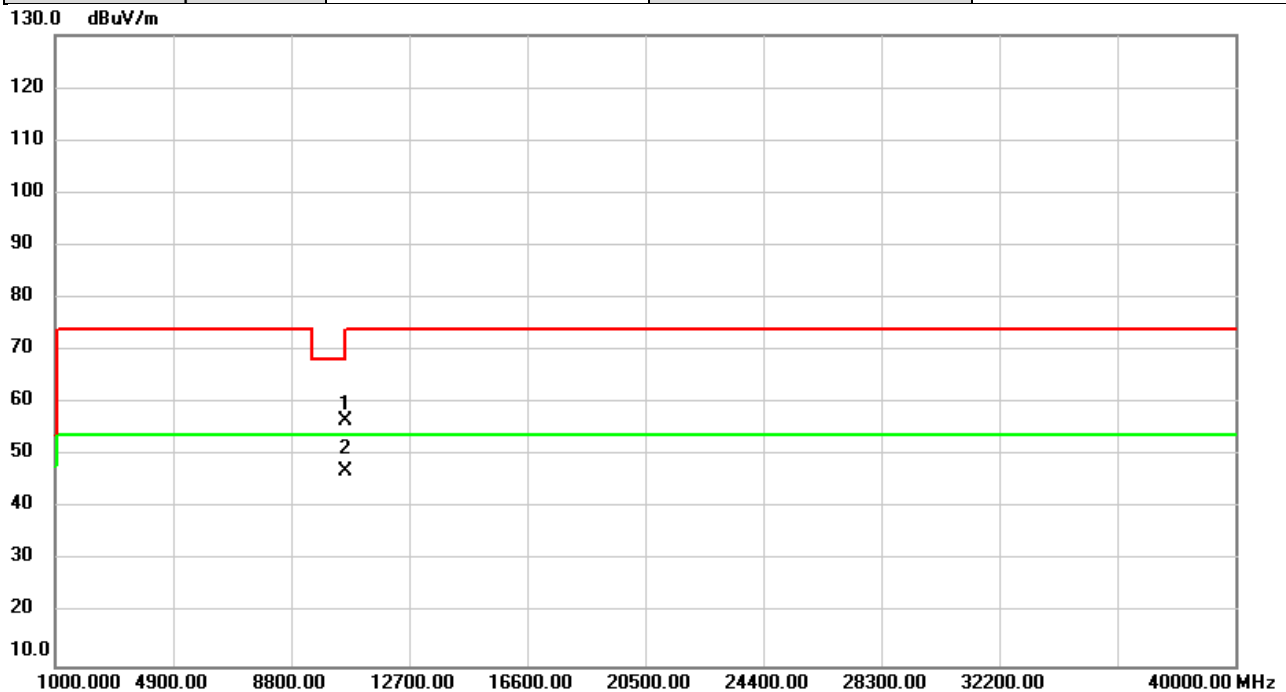


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	52.05	4.69	56.74	74.00	-17.26	peak	
2	*	11650.00	42.03	4.69	46.72	54.00	-7.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5300MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

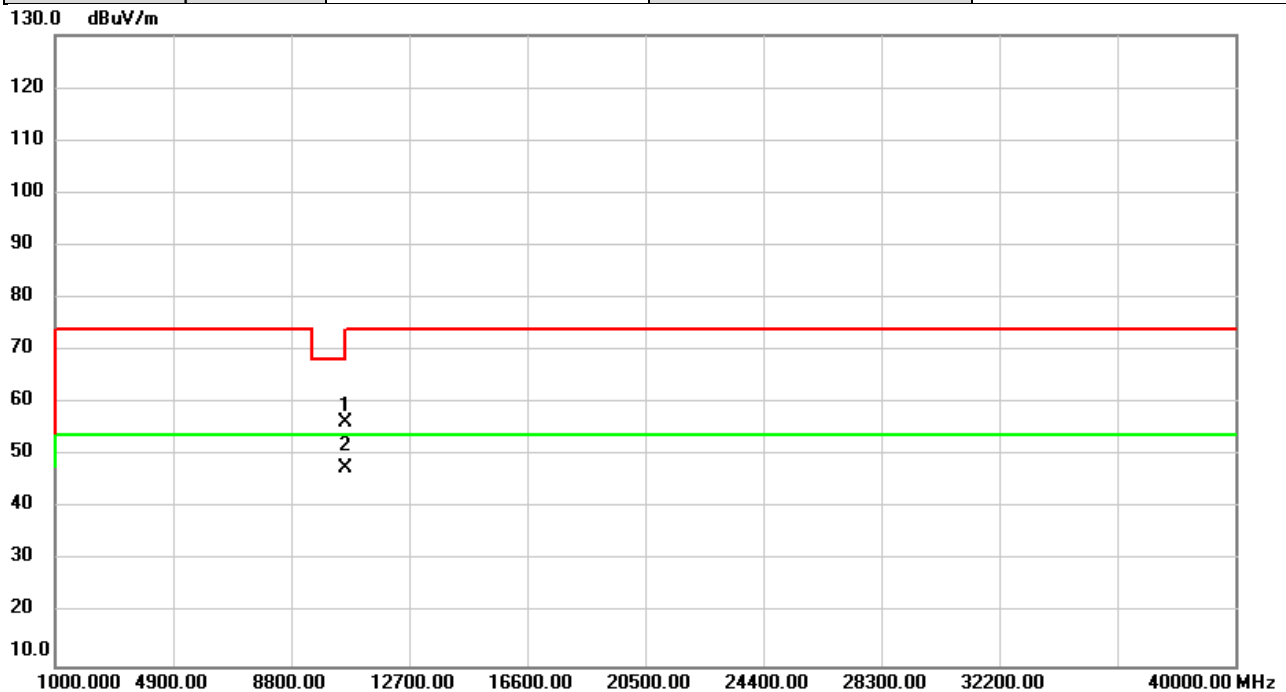


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.00	51.19	5.41	56.60	74.00	-17.40	peak	
2	*	10600.00	41.67	5.41	47.08	54.00	-6.92	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2021/7/2
Test Frequency	5300MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

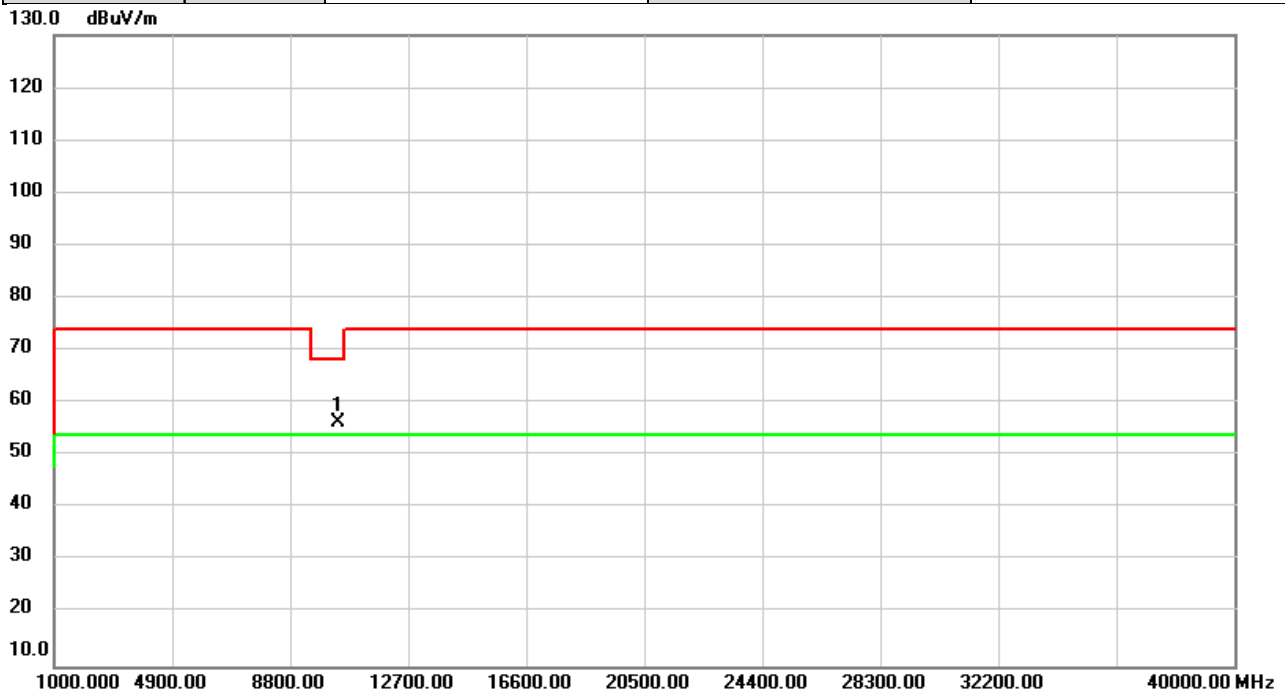


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.00	50.80	5.41	56.21	74.00	-17.79	peak	
2	*	10600.00	42.13	5.41	47.54	54.00	-6.46	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5180MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

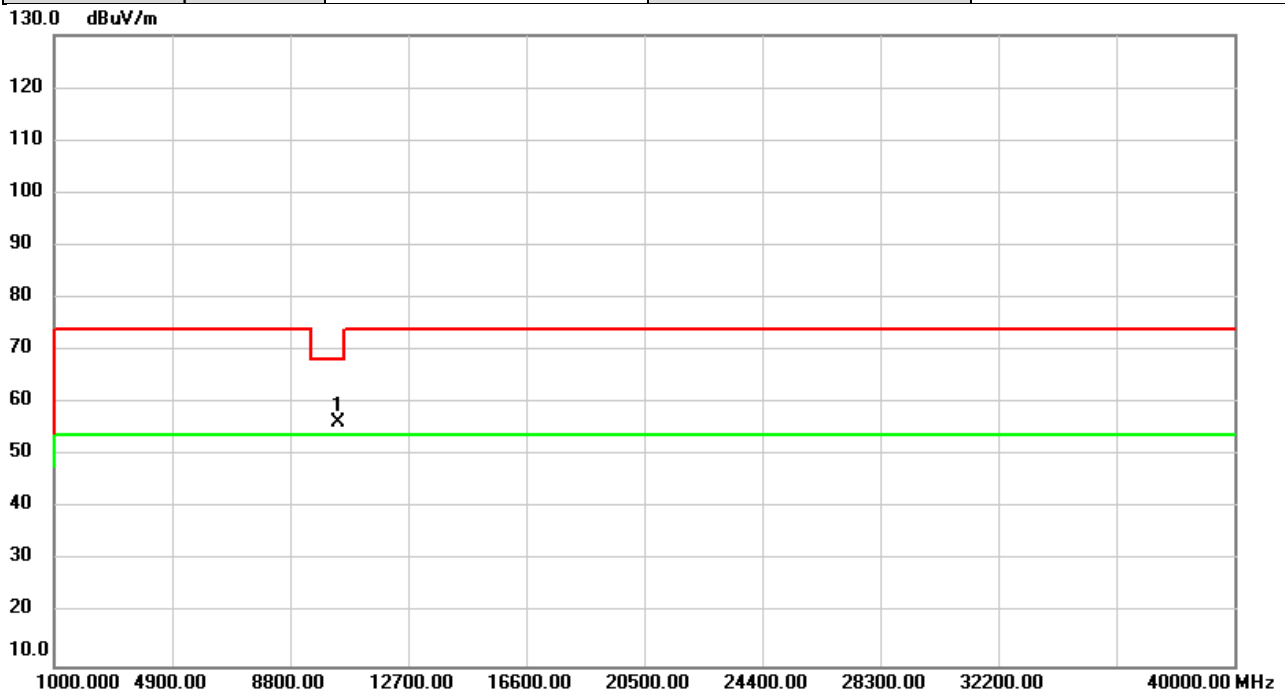


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	51.46	4.85	56.31	68.20	-11.89	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5180MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

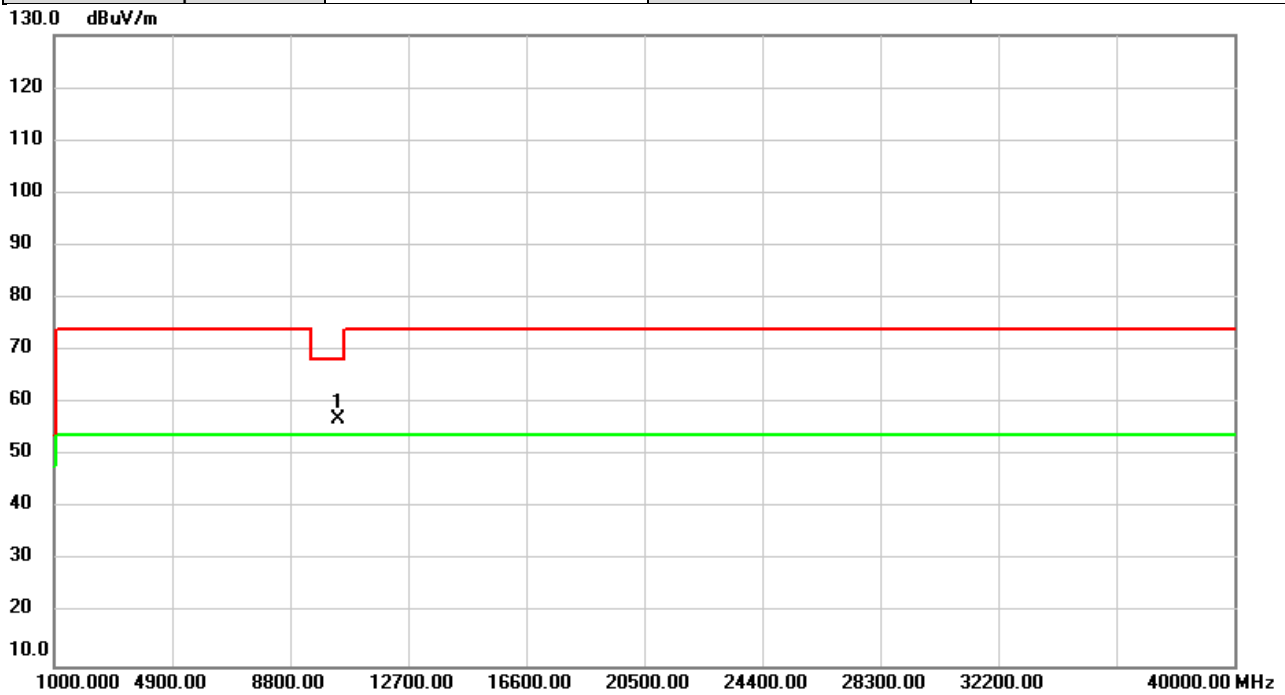


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	51.44	4.85	56.29	68.20	-11.91	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5200MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

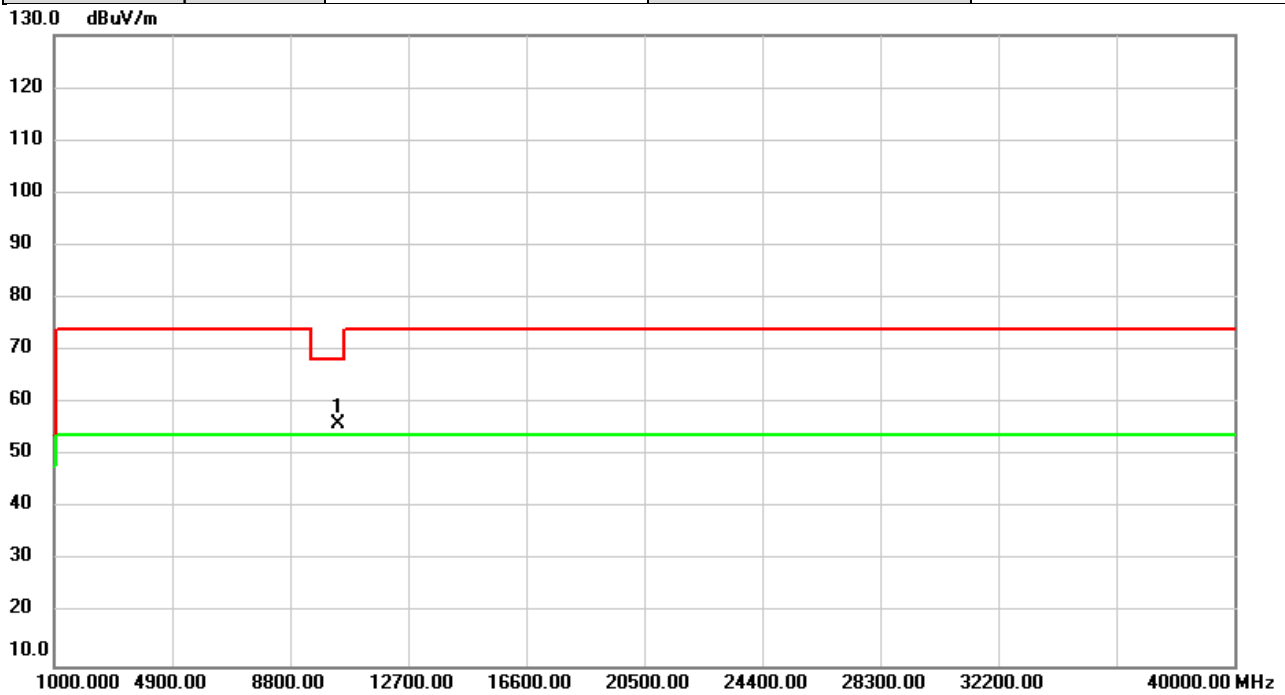


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	52.12	4.94	57.06	68.20	-11.14	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5200MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

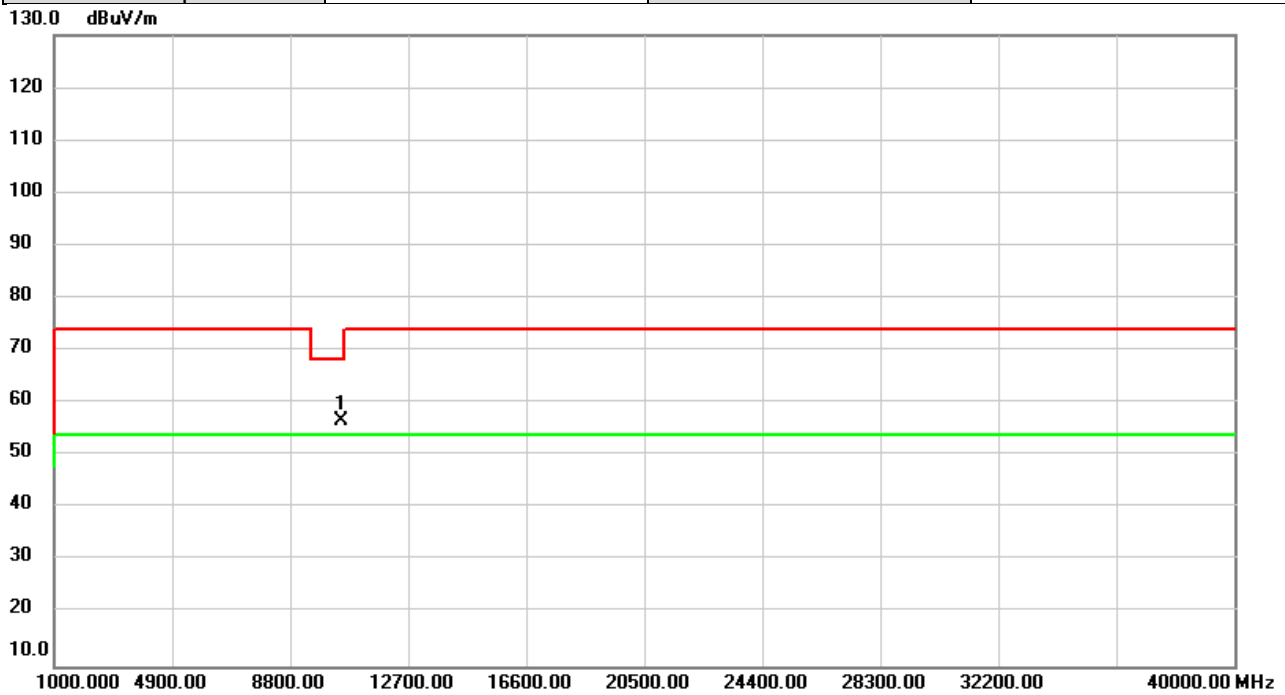


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	50.98	4.94	55.92	68.20	-12.28	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5240MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

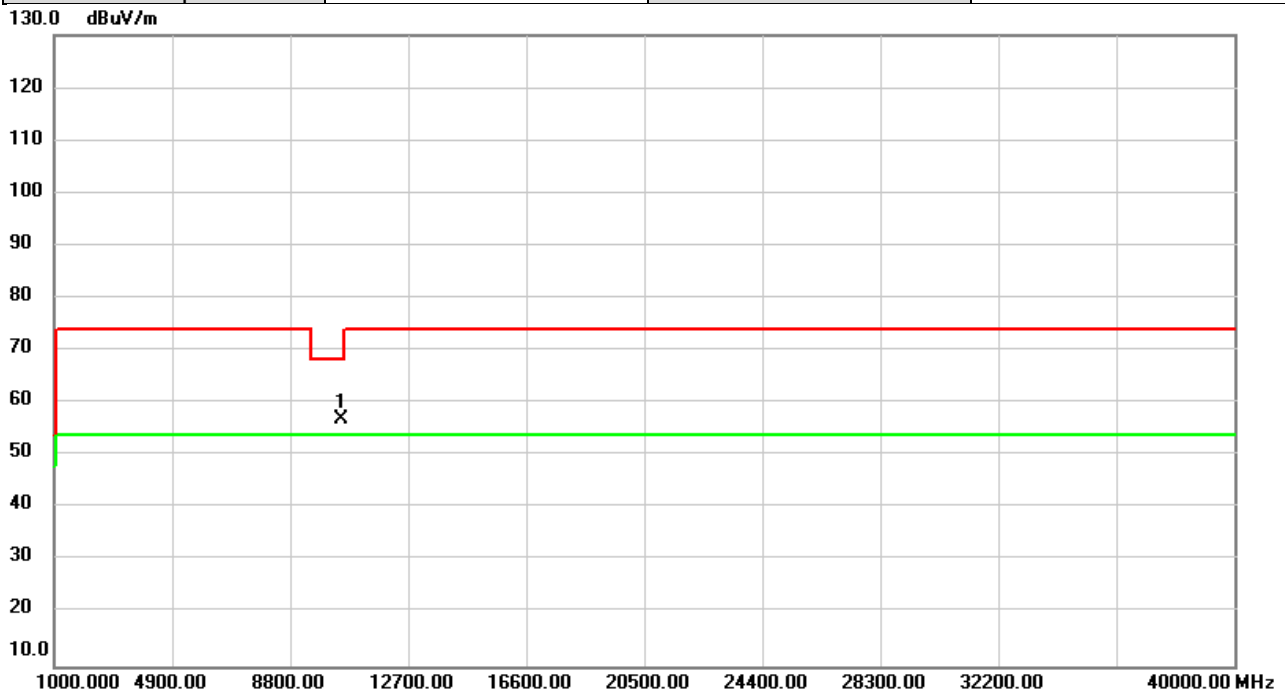


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	51.44	5.15	56.59	68.20	-11.61	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5240MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

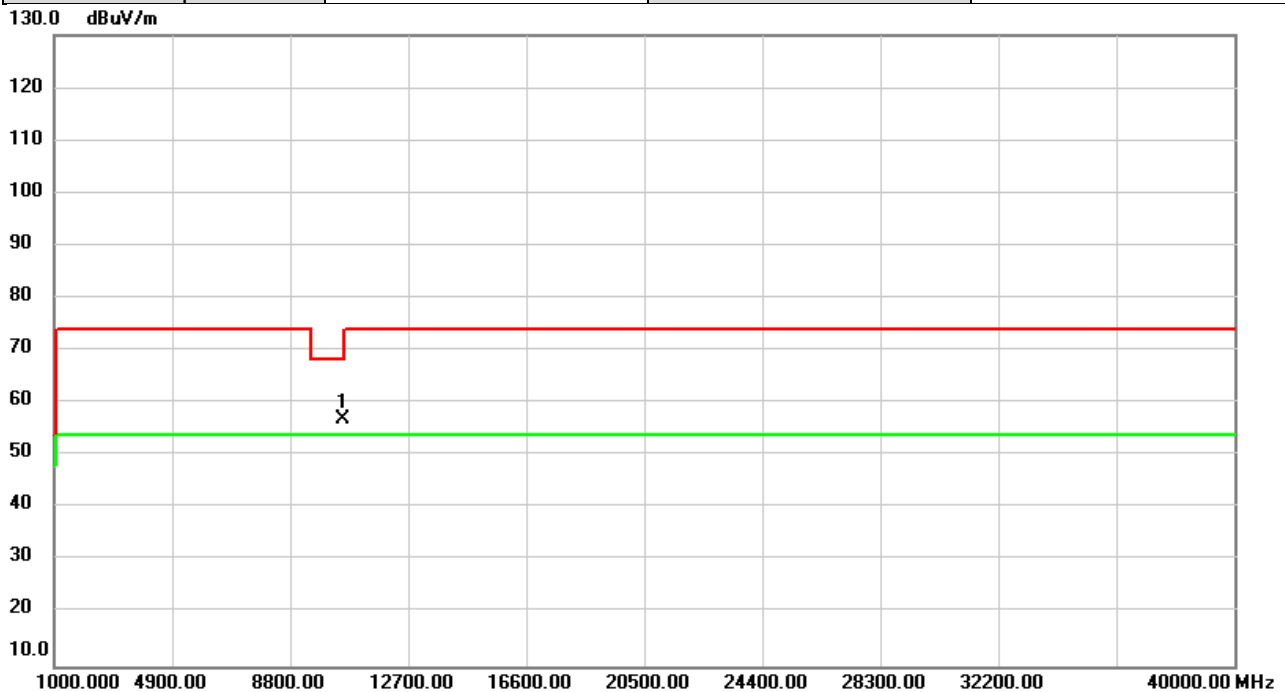


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	51.69	5.15	56.84	68.20	-11.36	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5260MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

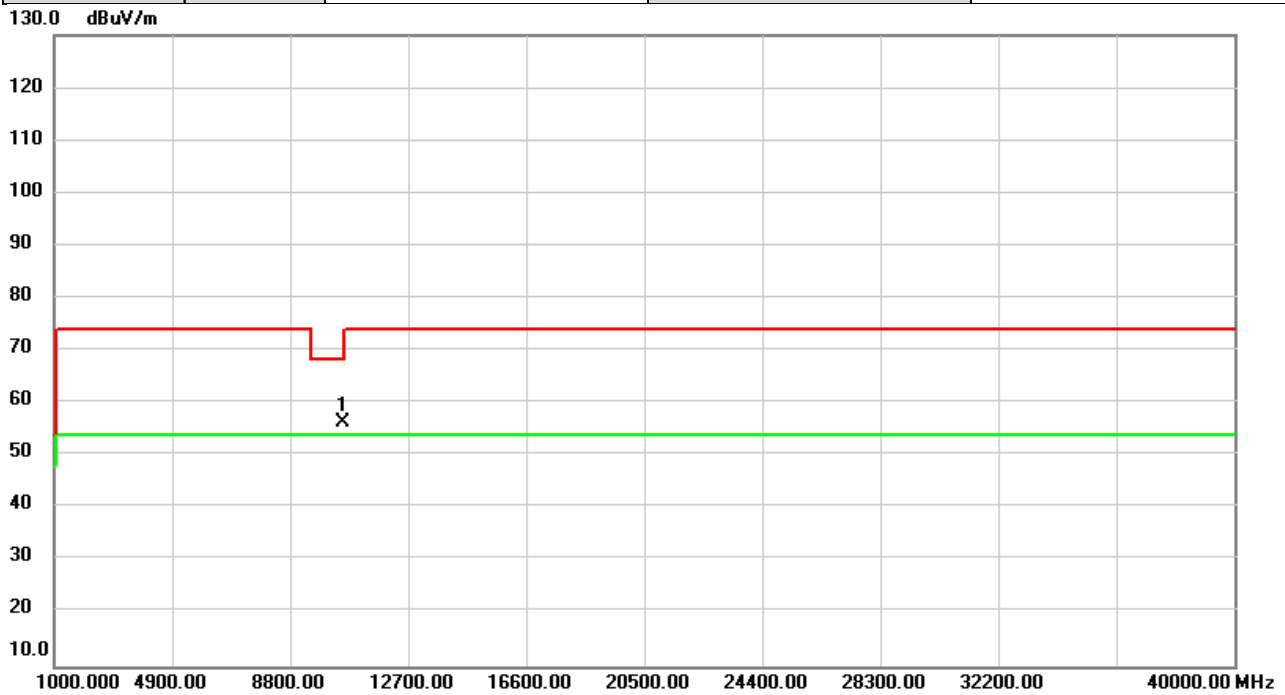


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	51.69	5.24	56.93	68.20	-11.27	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5260MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

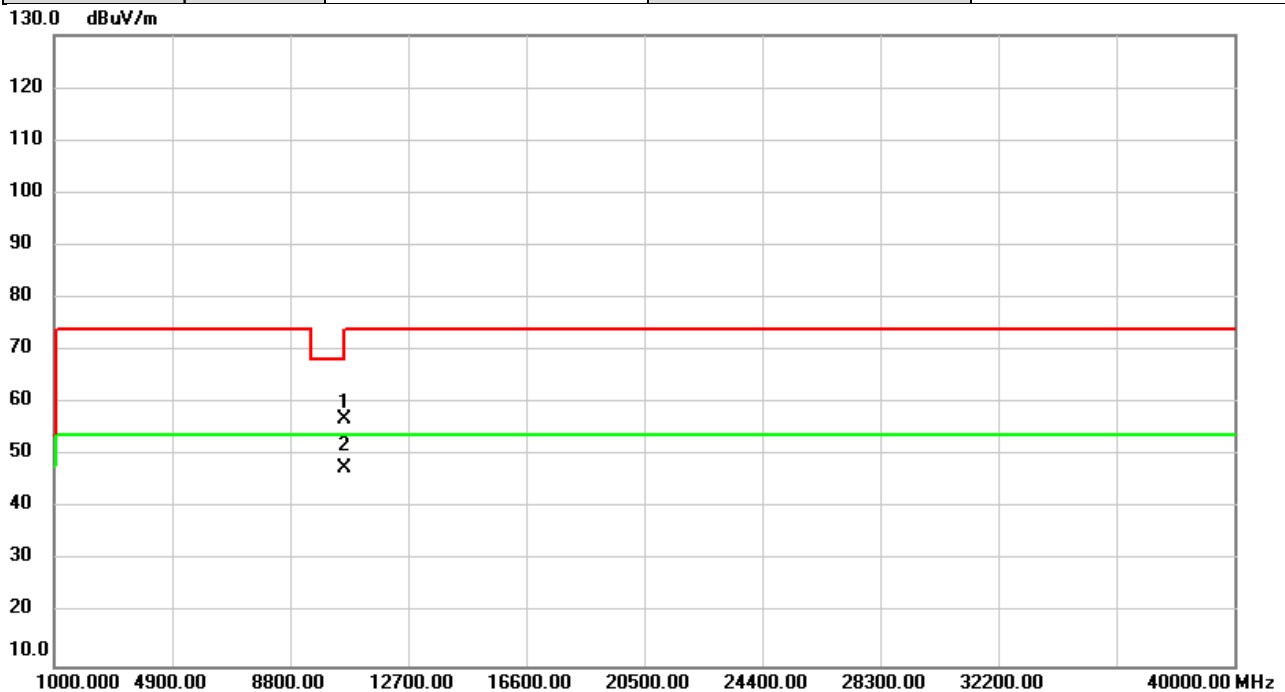


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	51.22	5.24	56.46	68.20	-11.74	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5300MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

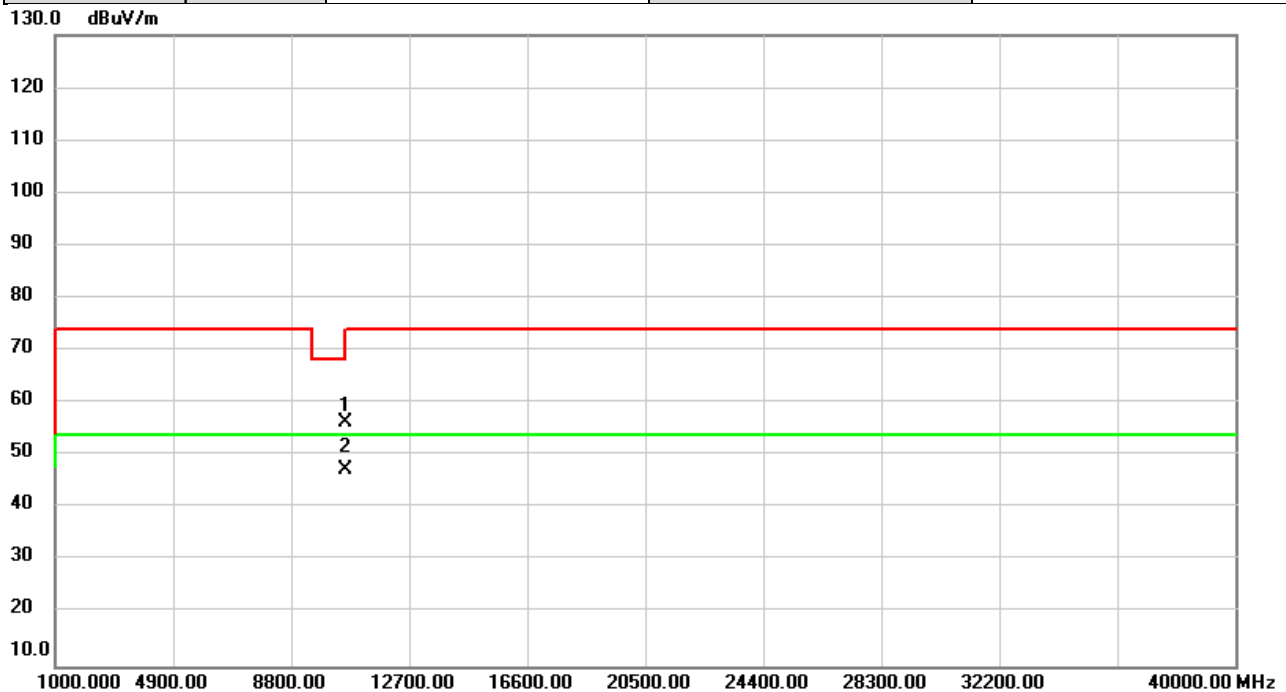


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.00	51.57	5.41	56.98	74.00	-17.02	peak	
2	*	10600.00	42.31	5.41	47.72	54.00	-6.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5300MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

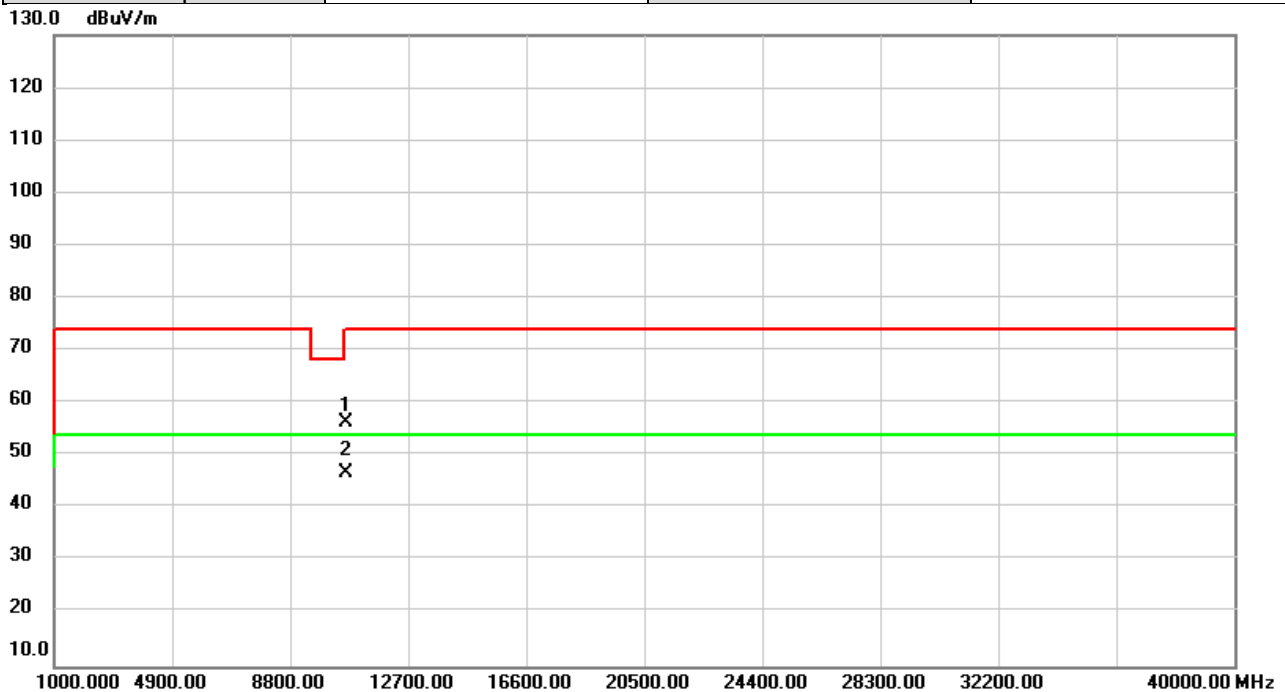


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.00	50.84	5.41	56.25	74.00	-17.75	peak	
2	*	10600.00	41.81	5.41	47.22	54.00	-6.78	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5320MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

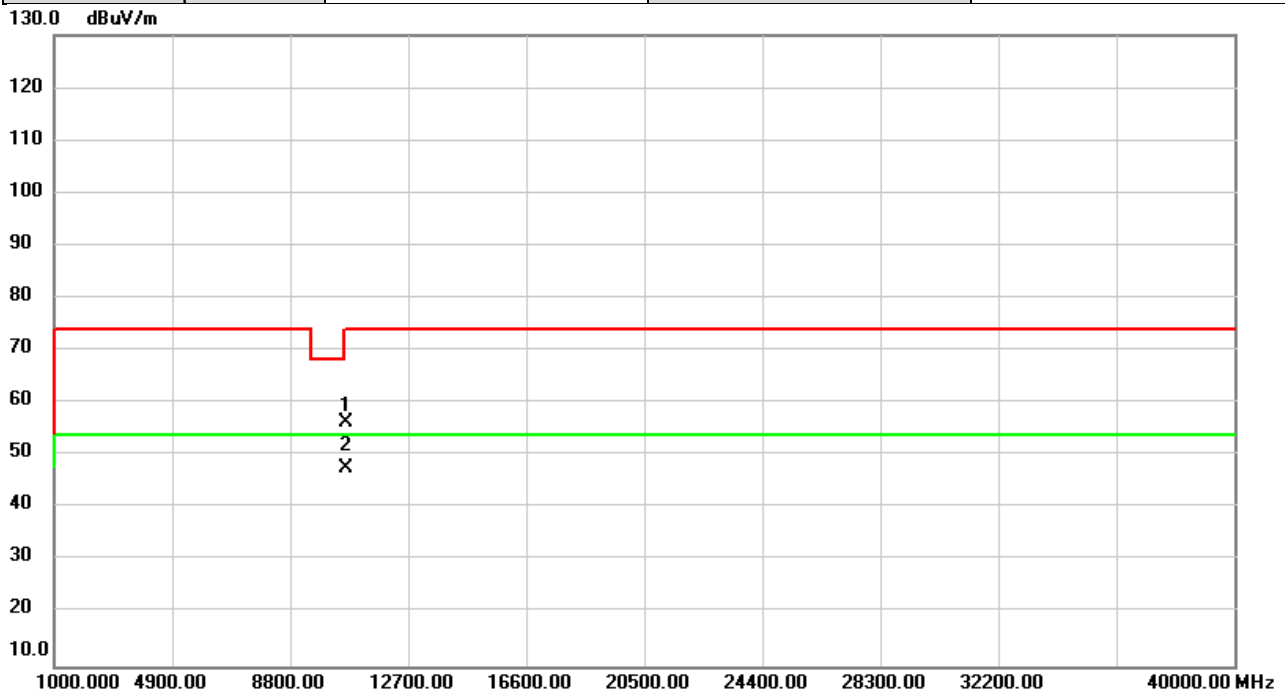


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	50.81	5.49	56.30	74.00	-17.70	peak	
2	*	10640.00	41.34	5.49	46.83	54.00	-7.17	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5320MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

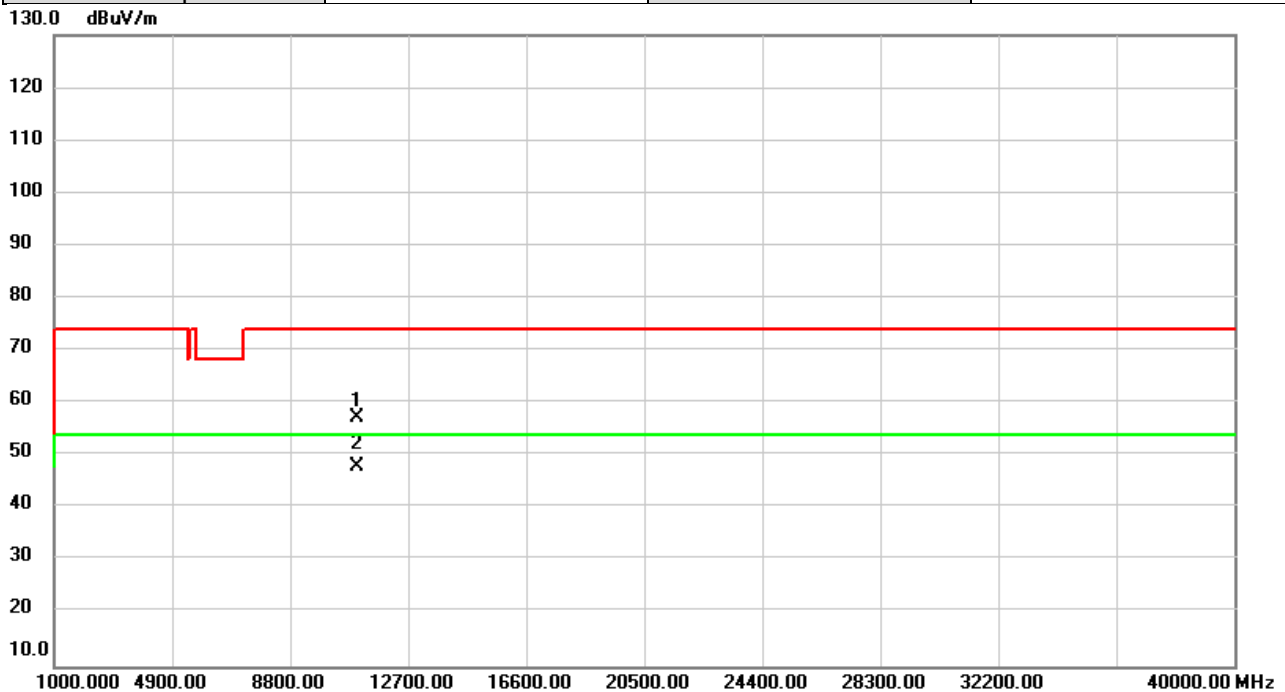


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	50.94	5.49	56.43	74.00	-17.57	peak	
2	*	10640.00	42.15	5.49	47.64	54.00	-6.36	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5500MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

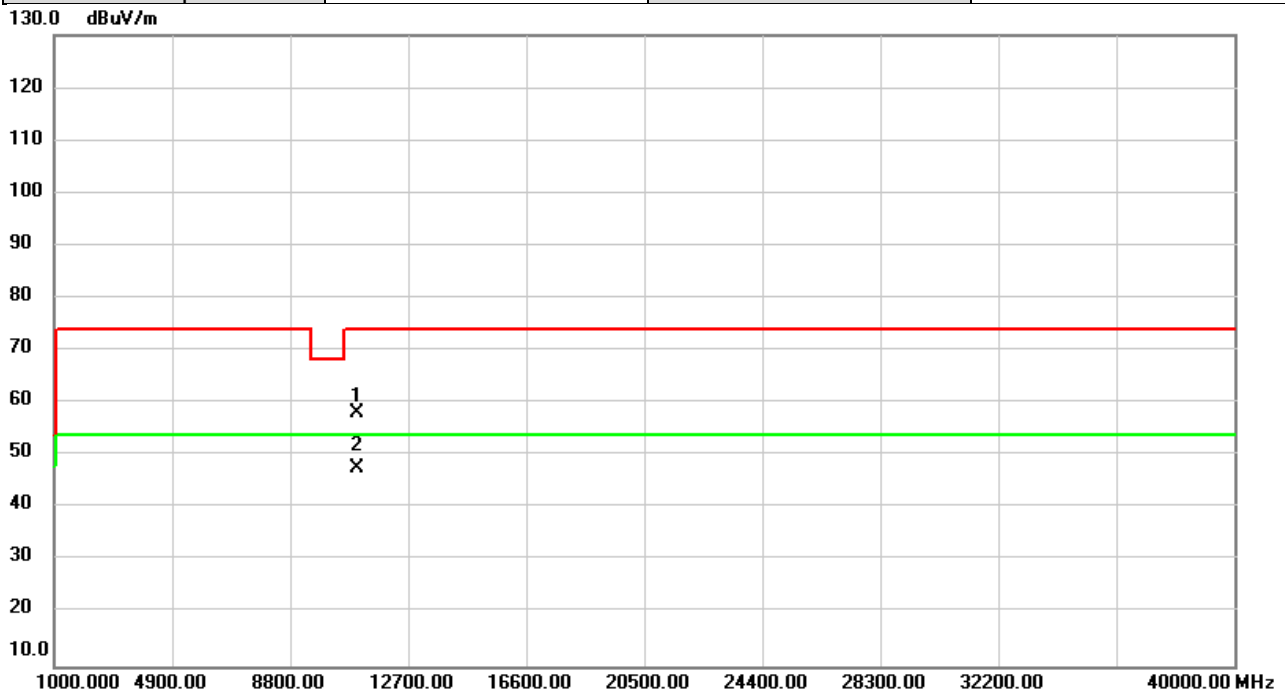


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	50.94	6.24	57.18	74.00	-16.82	peak	
2	*	11000.00	41.76	6.24	48.00	54.00	-6.00	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5500MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

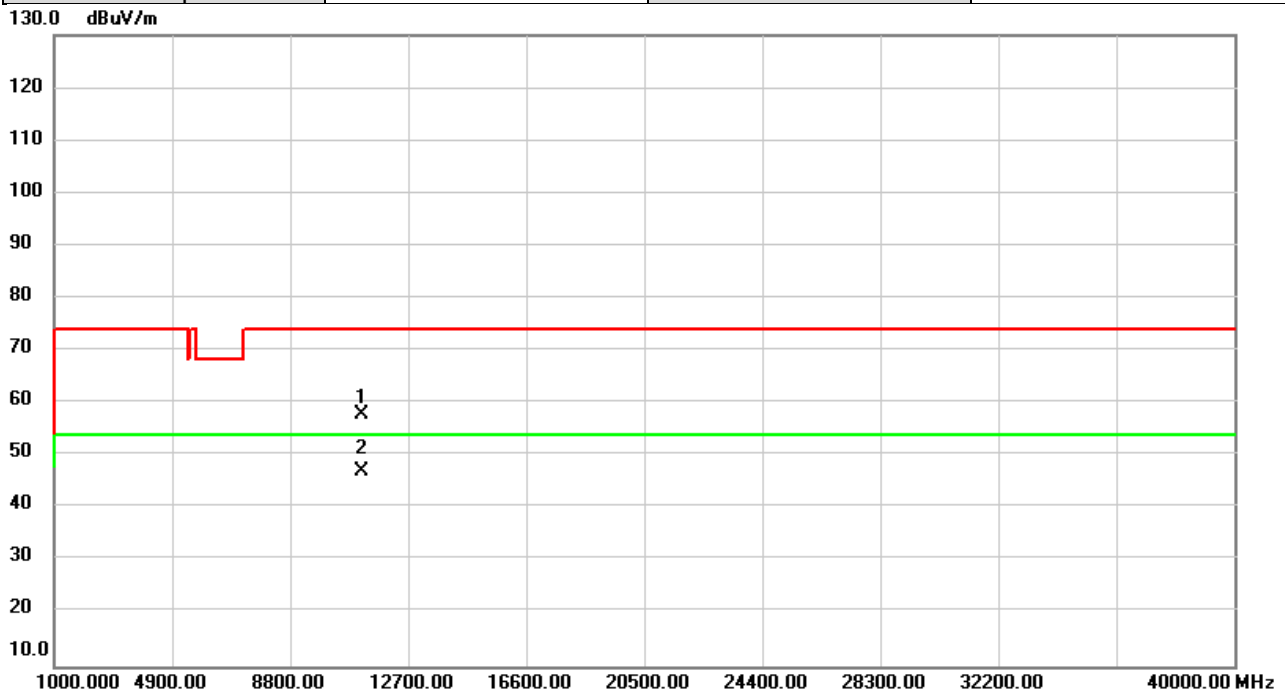


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	51.95	6.24	58.19	74.00	-15.81	peak	
2	*	11000.00	41.51	6.24	47.75	54.00	-6.25	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5580MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

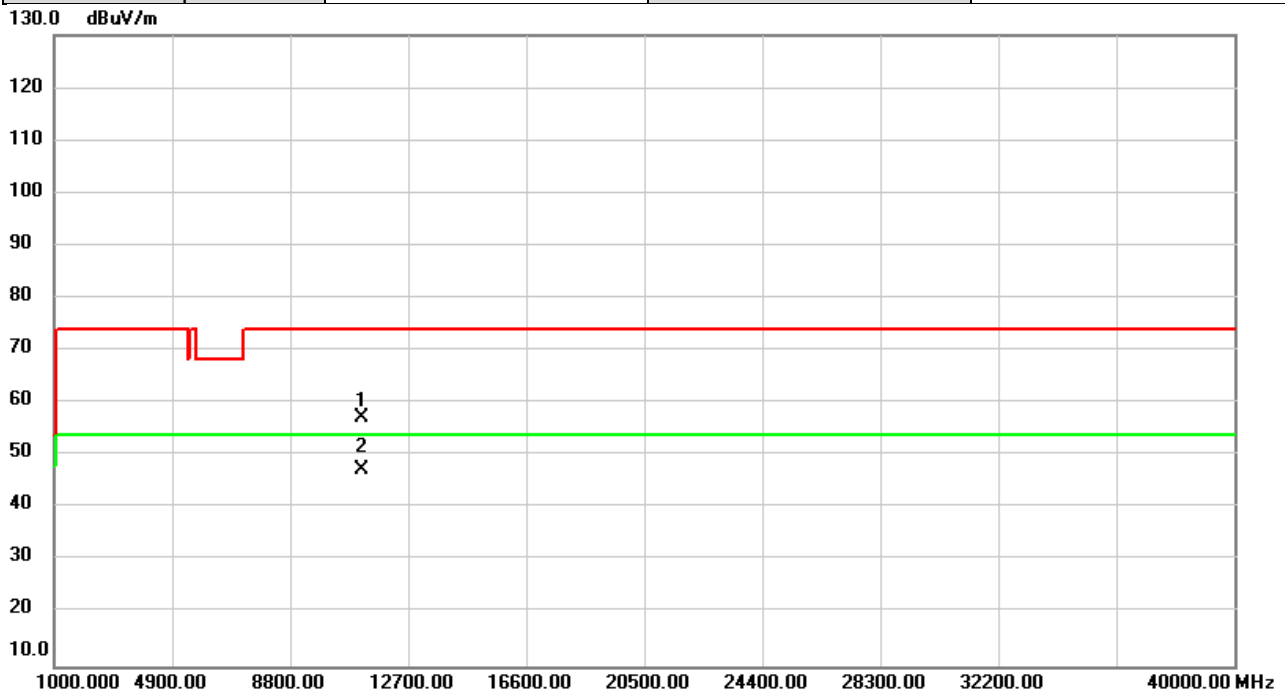


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11160.00	52.07	5.85	57.92	74.00	-16.08	peak	
2	*	11160.00	41.29	5.85	47.14	54.00	-6.86	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5580MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

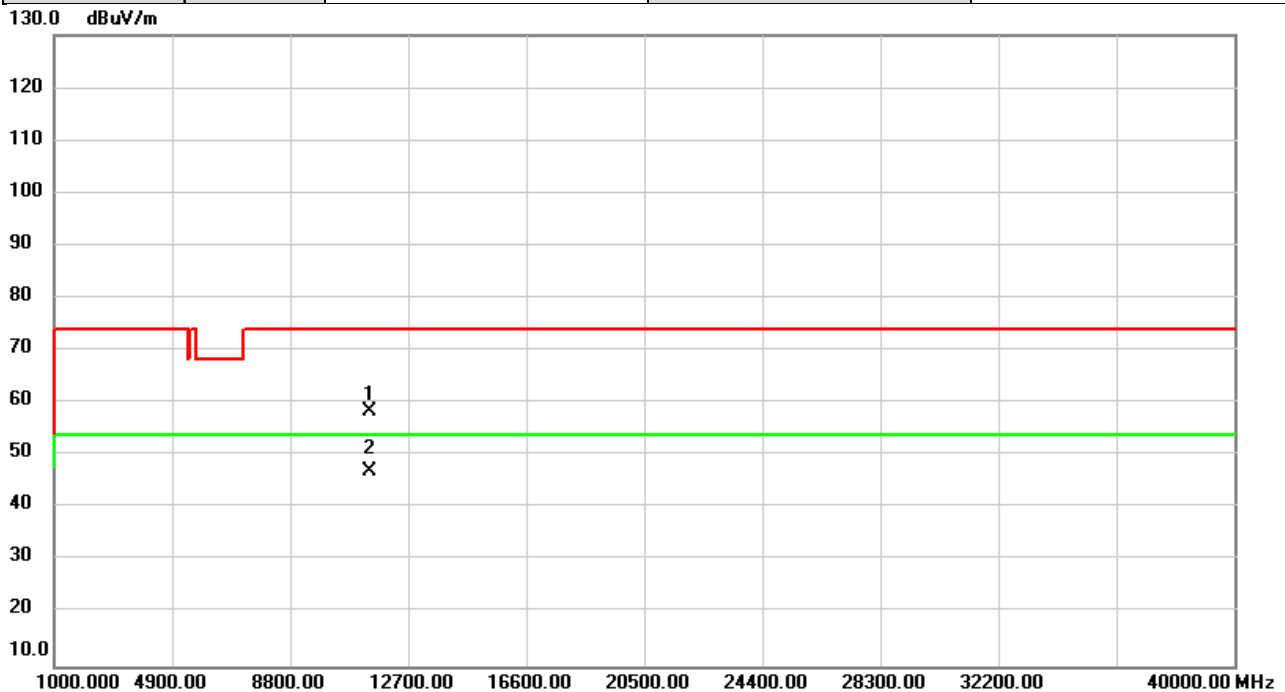


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	51.49	5.85	57.34	74.00	-16.66	peak	
2	*	11160.00	41.63	5.85	47.48	54.00	-6.52	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5700MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

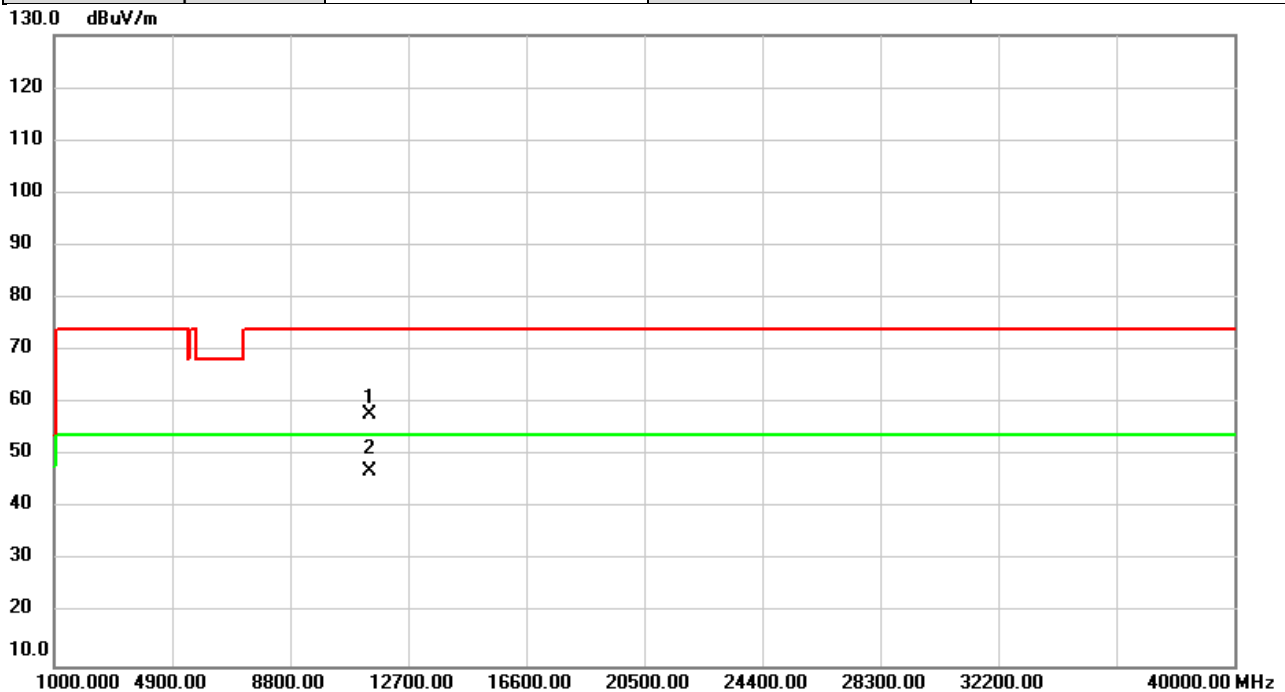


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	53.13	5.27	58.40	74.00	-15.60	peak	
2	*	11400.00	41.68	5.27	46.95	54.00	-7.05	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5700MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

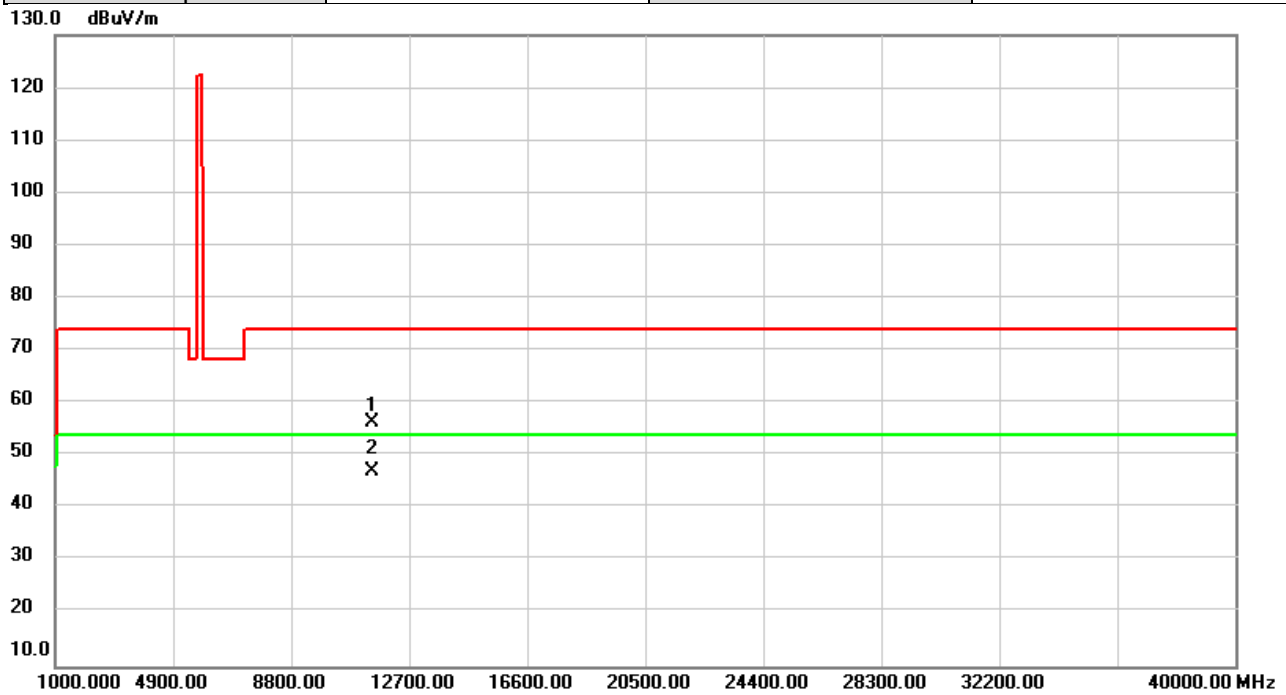


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	52.71	5.27	57.98	74.00	-16.02	peak	
2	*	11400.00	41.82	5.27	47.09	54.00	-6.91	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5745MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

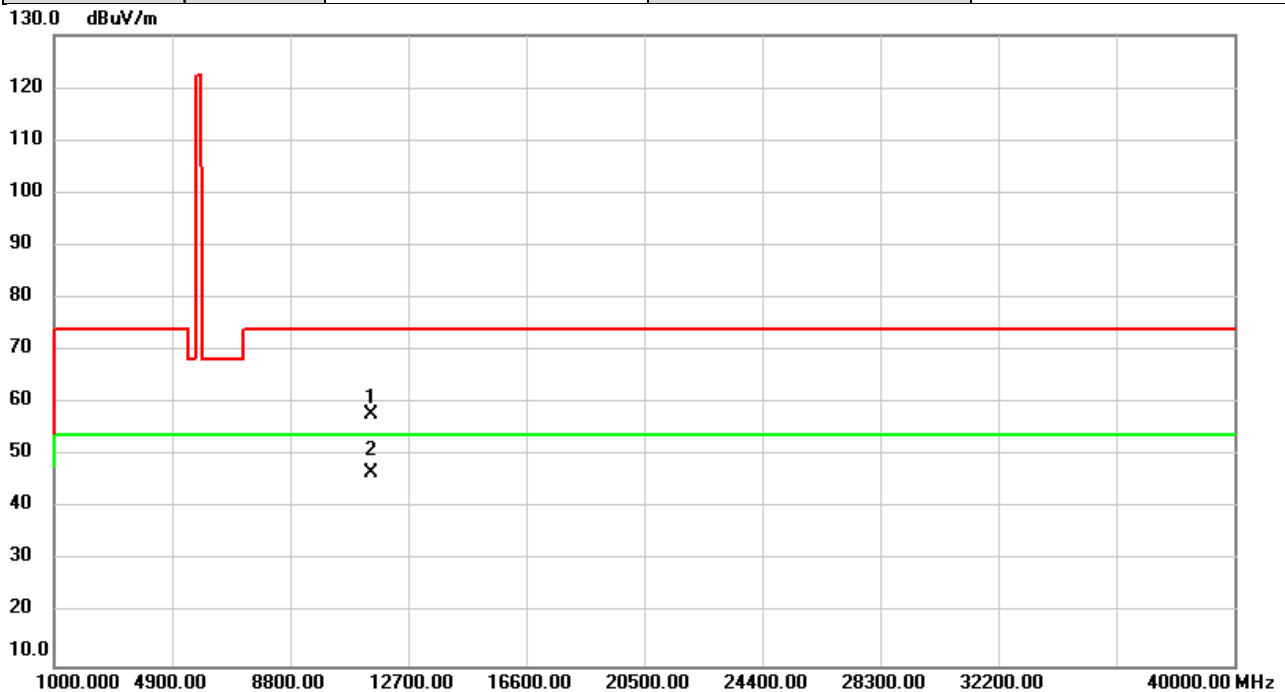


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	51.22	5.05	56.27	74.00	-17.73	peak	
2	*	11490.00	42.14	5.05	47.19	54.00	-6.81	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5745MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

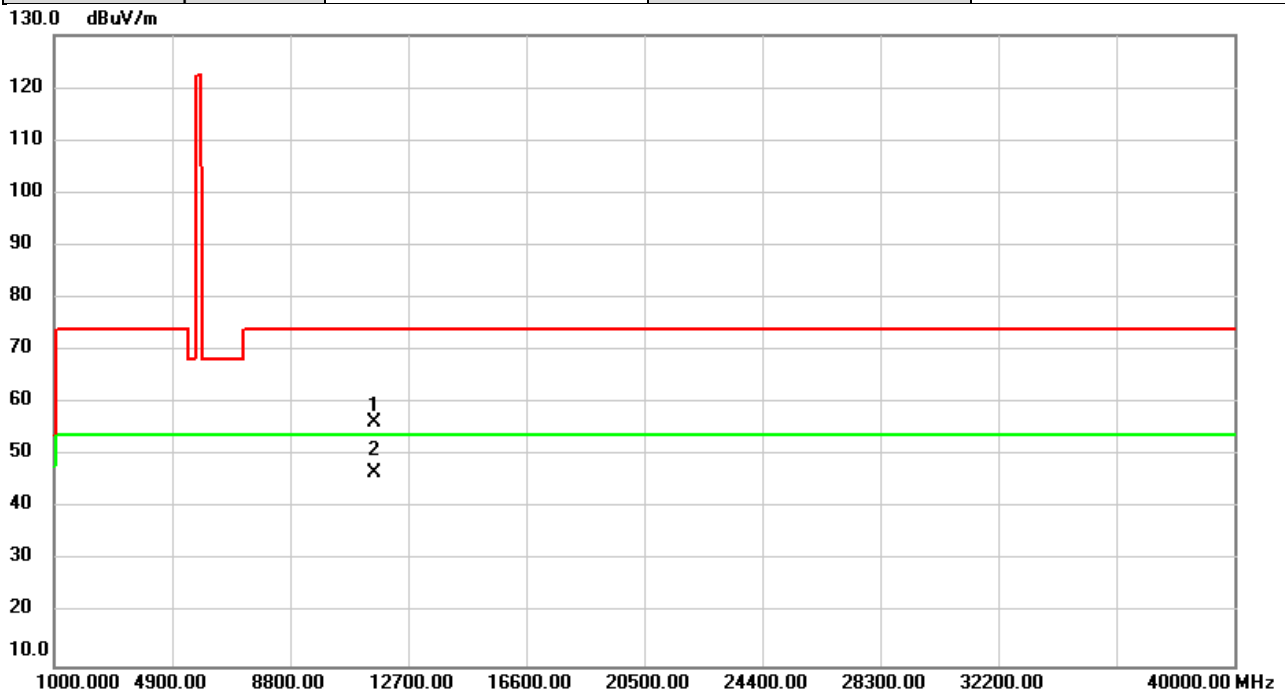


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	52.75	5.05	57.80	74.00	-16.20	peak	
2	*	11490.00	41.58	5.05	46.63	54.00	-7.37	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5785MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

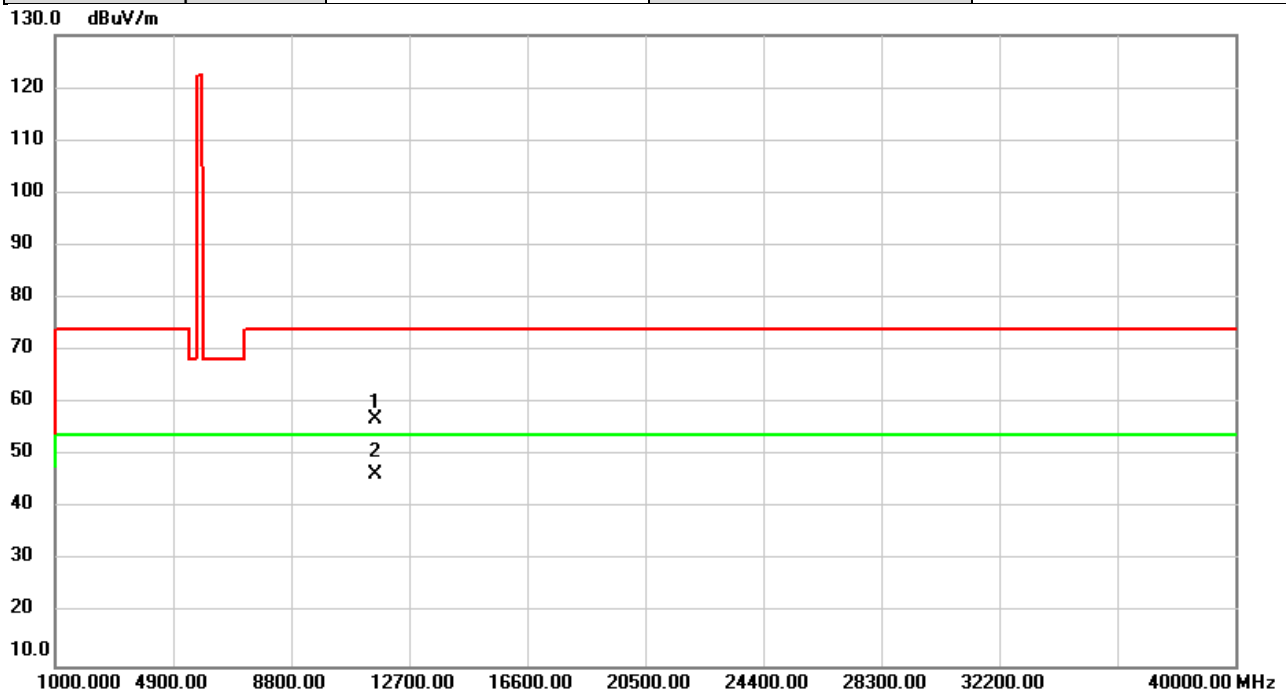


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	51.39	4.87	56.26	74.00	-17.74	peak	
2	*	11570.00	41.79	4.87	46.66	54.00	-7.34	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5785MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

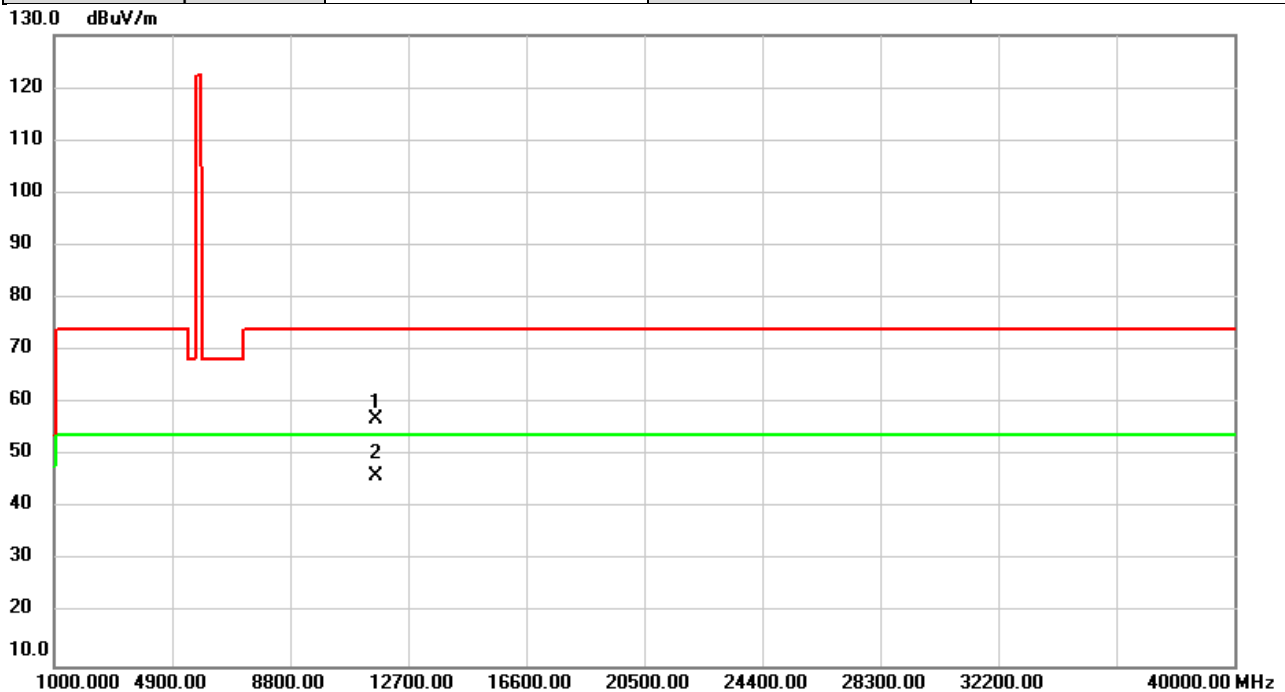


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	52.05	4.87	56.92	74.00	-17.08	peak	
2	*	11570.00	41.63	4.87	46.50	54.00	-7.50	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5825MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

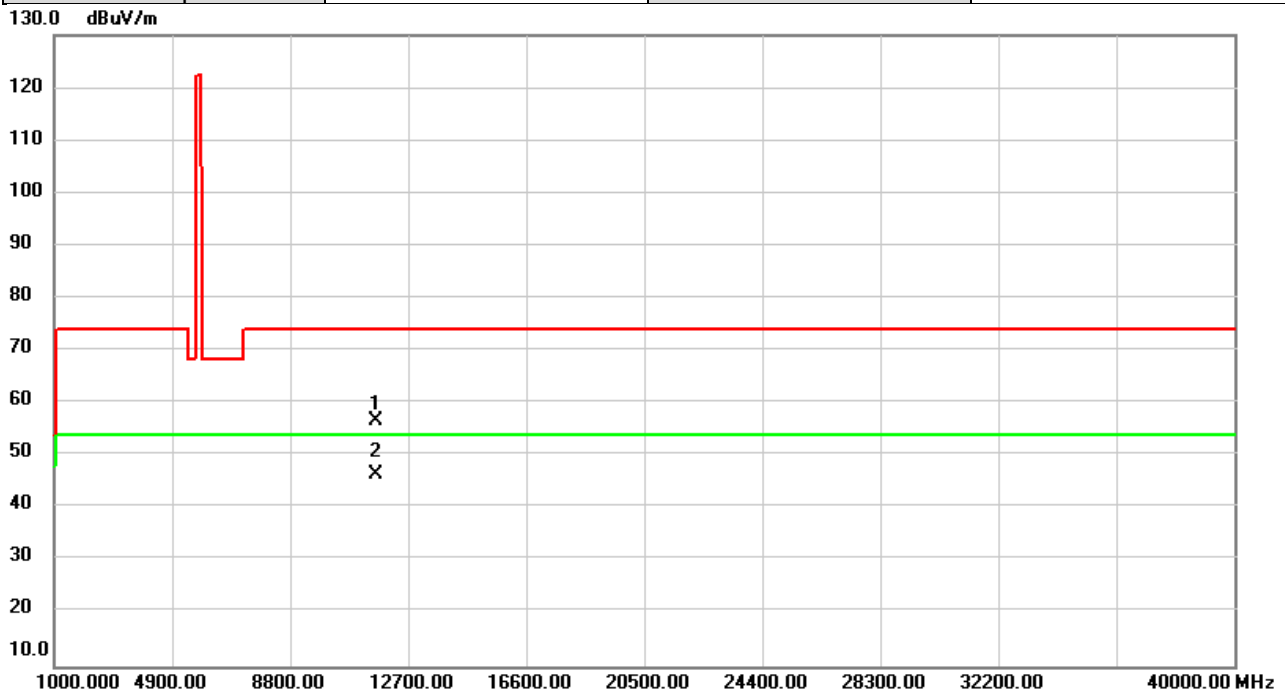


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	52.15	4.69	56.84	74.00	-17.16	peak	
2	*	11650.00	41.52	4.69	46.21	54.00	-7.79	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT20)	Test Date	2021/7/2
Test Frequency	5825MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

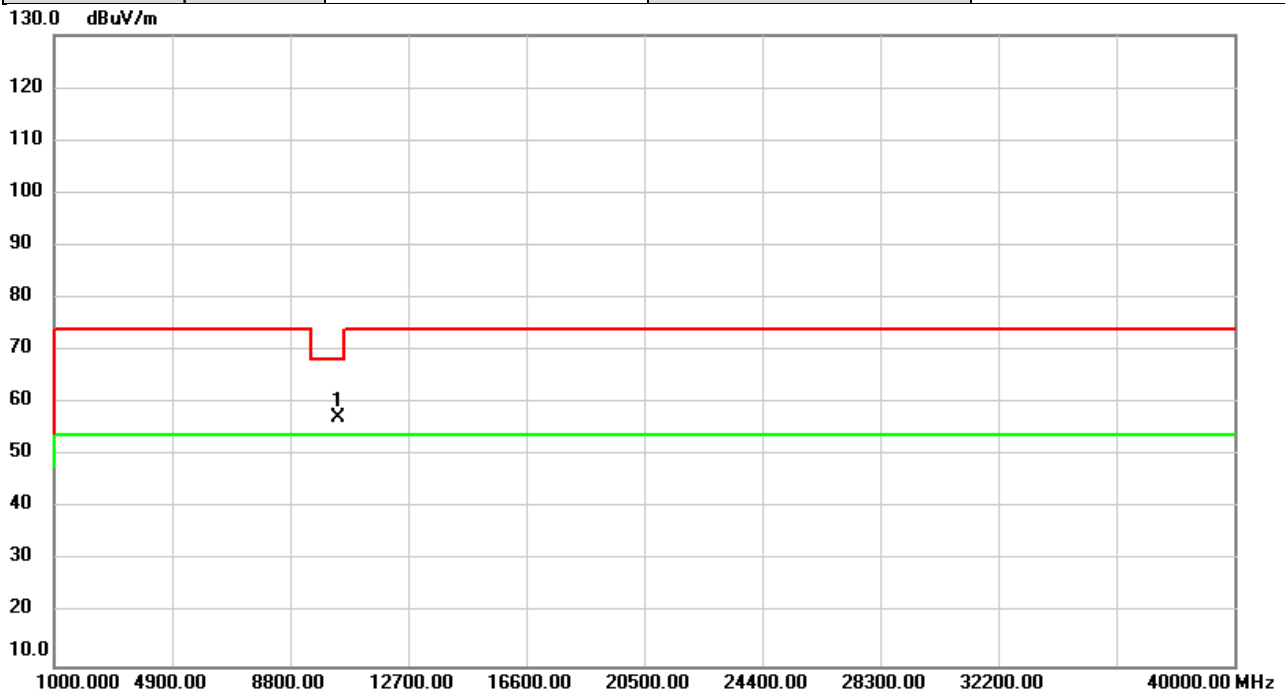


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	51.97	4.69	56.66	74.00	-17.34	peak	
2	*	11650.00	41.82	4.69	46.51	54.00	-7.49	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5190MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

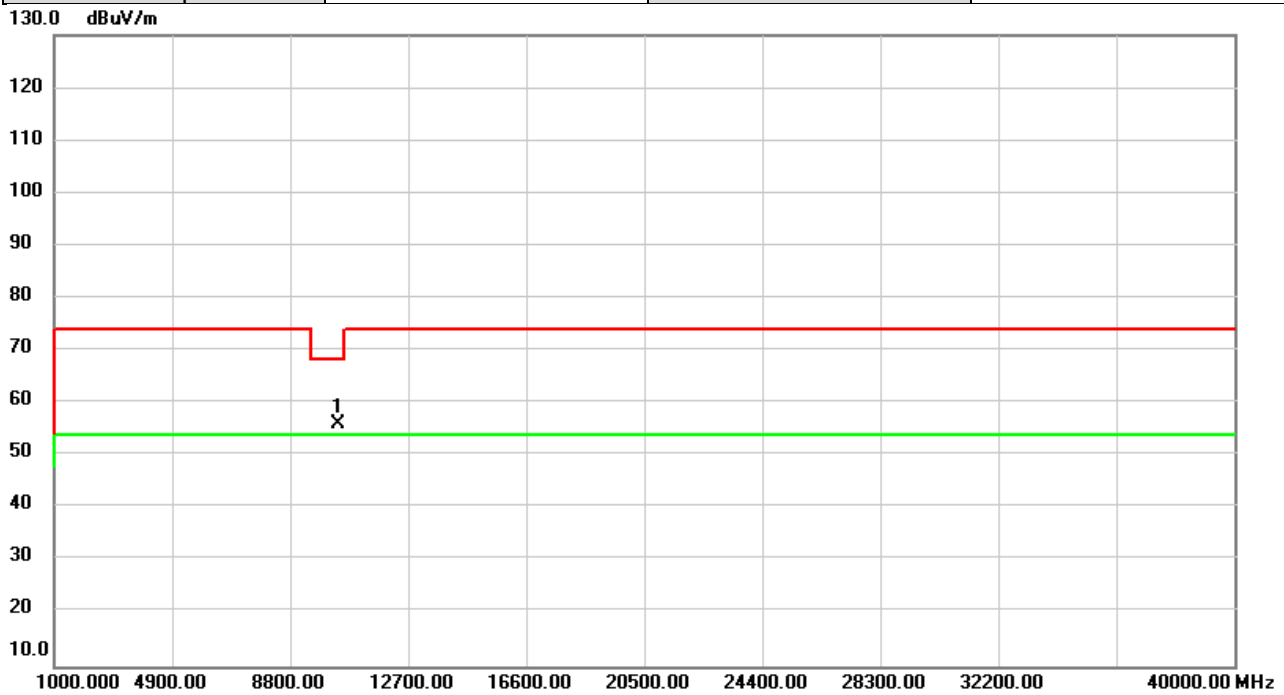


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	52.37	4.89	57.26	68.20	-10.94	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5190MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

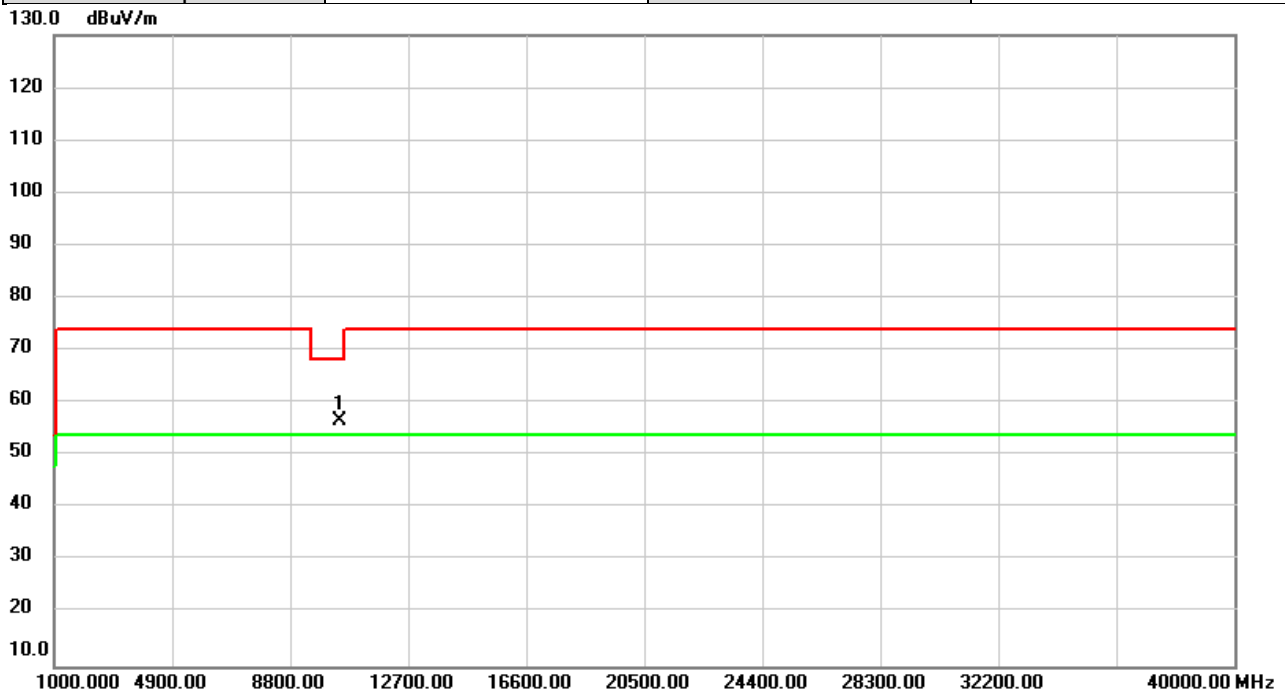


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	51.30	4.89	56.19	68.20	-12.01	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5230MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

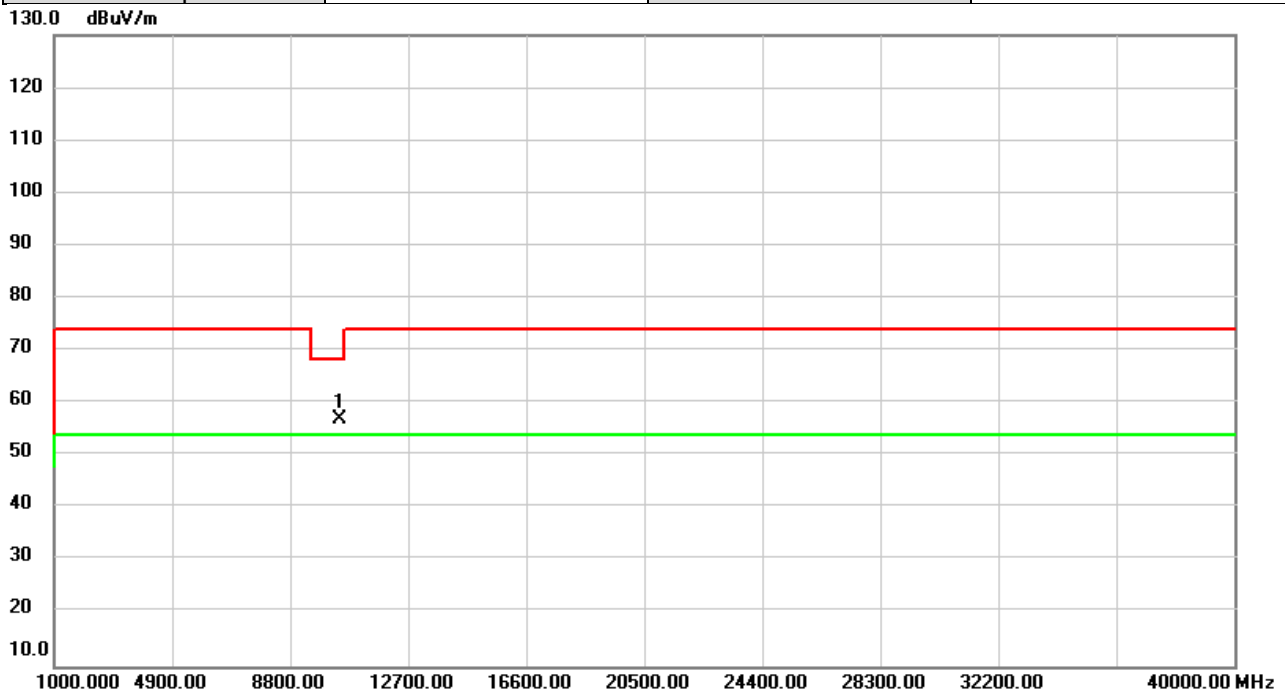


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	51.46	5.10	56.56	68.20	-11.64	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5230MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

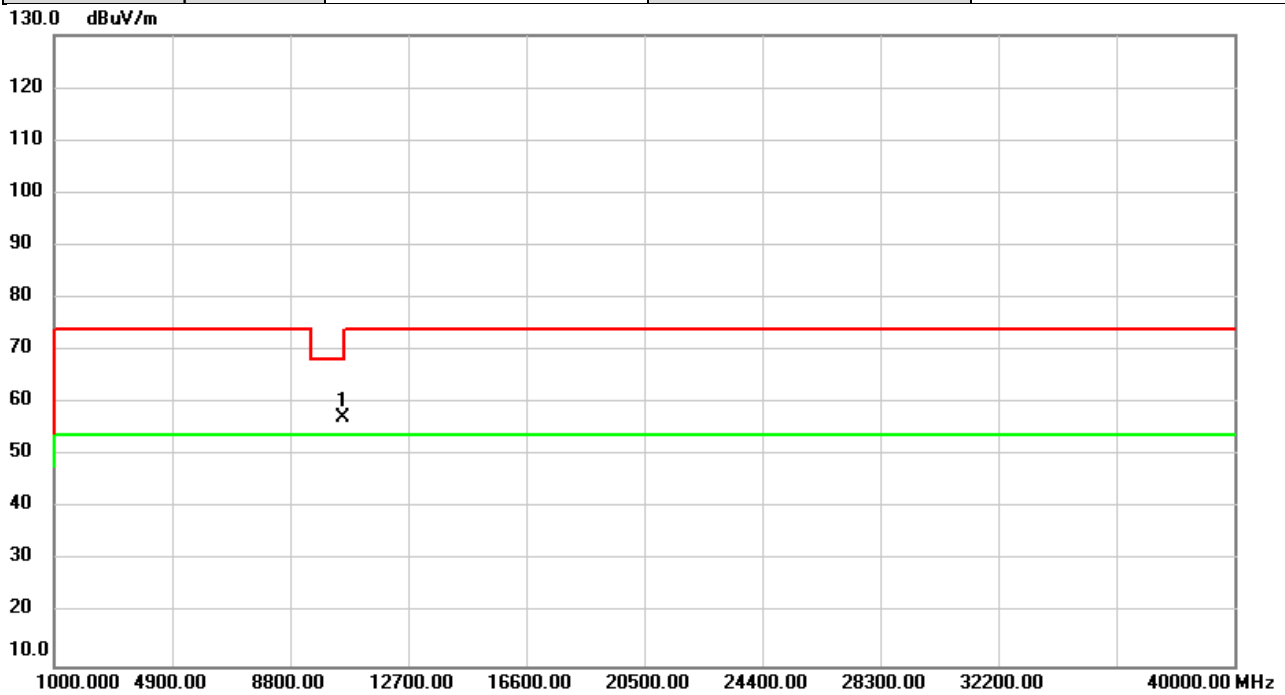


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	51.75	5.10	56.85	68.20	-11.35	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5270MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

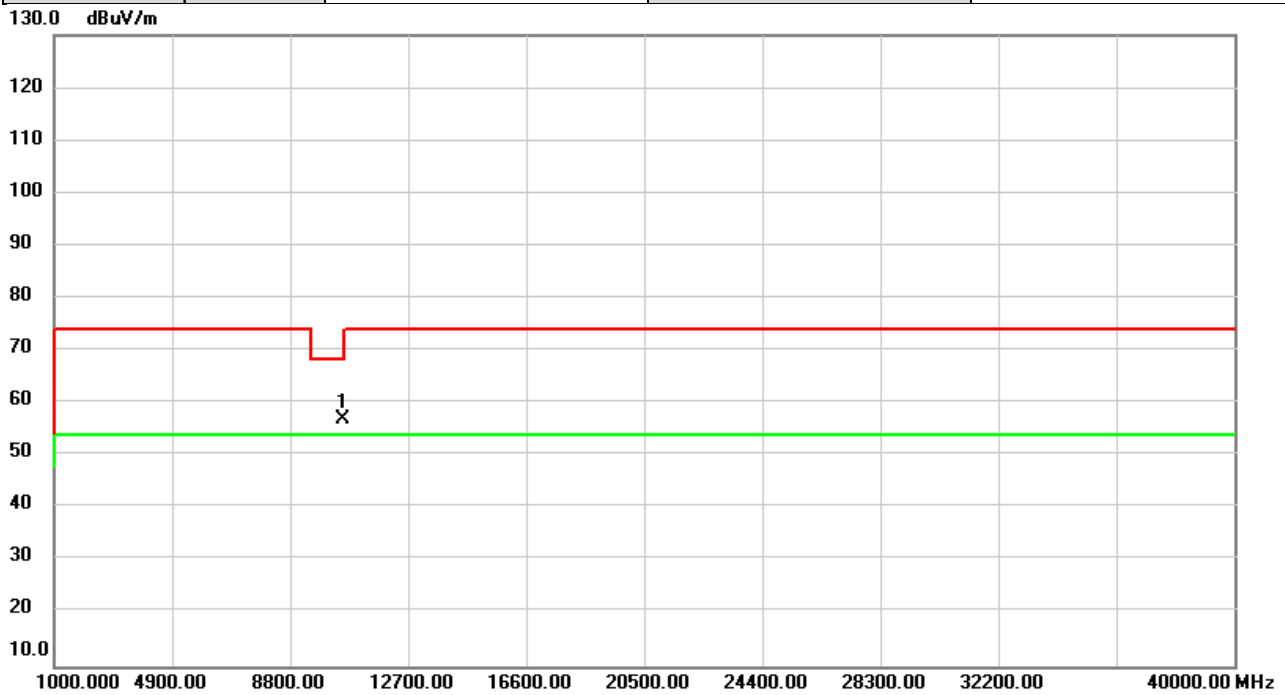


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10540.00	51.87	5.28	57.15	68.20	-11.05	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5270MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

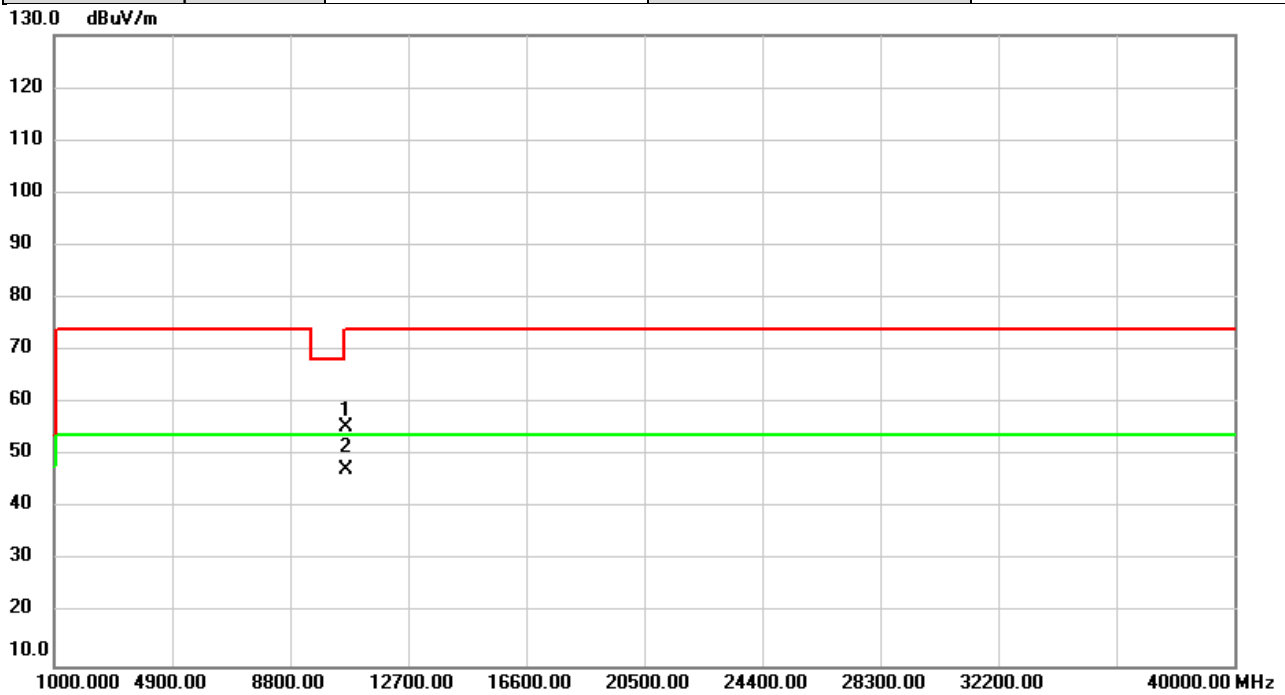


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10540.00	51.60	5.28	56.88	68.20	-11.32	peak	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5310MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

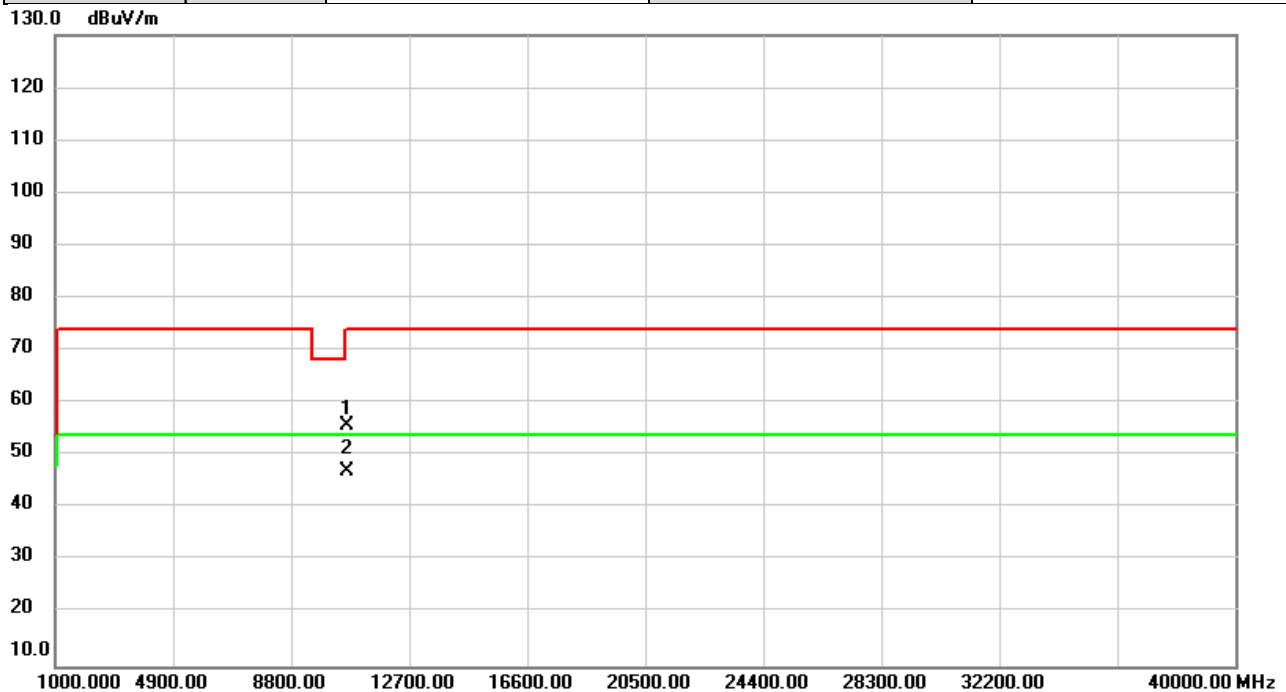


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10620.00	49.86	5.45	55.31	74.00	-18.69	peak	
2	*	10620.00	41.91	5.45	47.36	54.00	-6.64	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5310MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

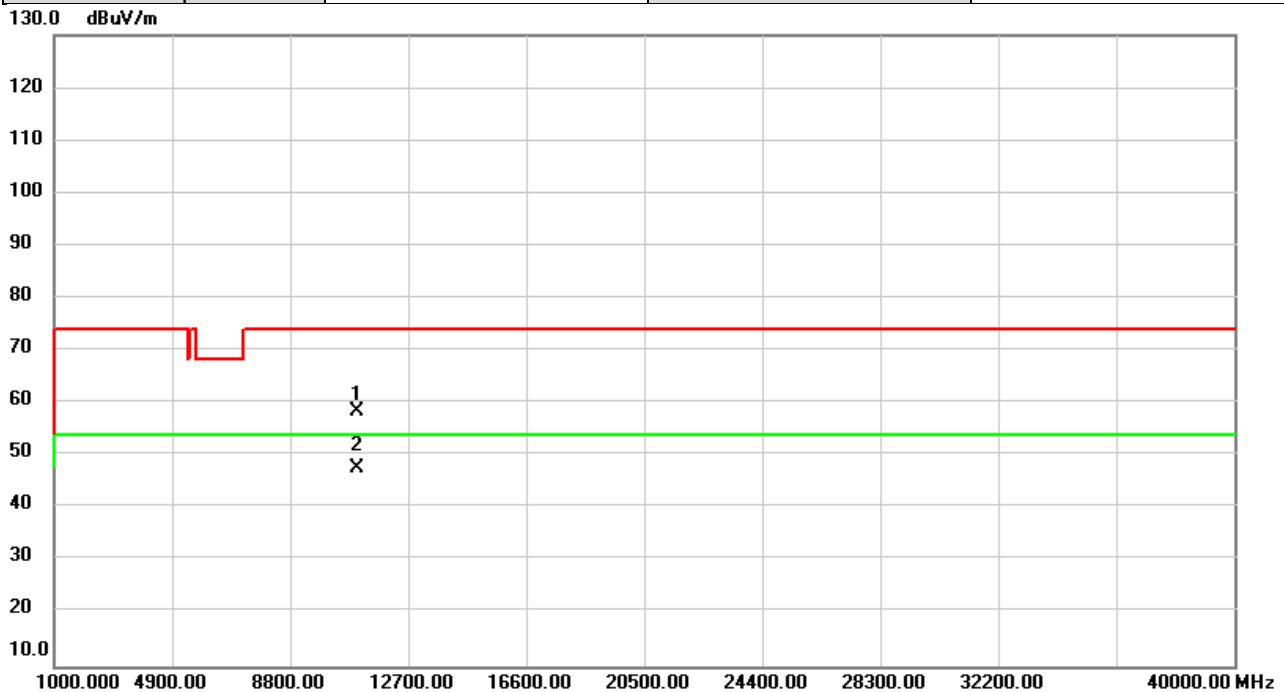


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10620.00	50.44	5.45	55.89	74.00	-18.11	peak	
2	*	10620.00	41.53	5.45	46.98	54.00	-7.02	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5510MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

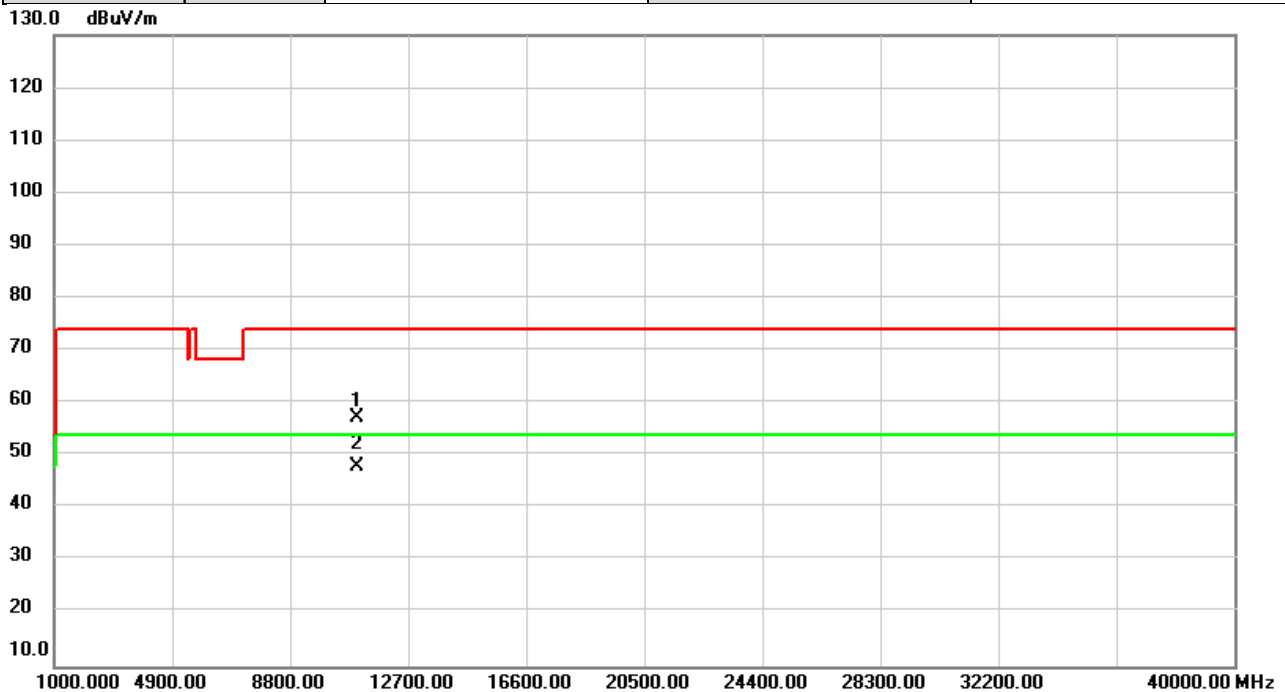


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11020.00	52.40	6.20	58.60	74.00	-15.40	peak	
2	*	11020.00	41.38	6.20	47.58	54.00	-6.42	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5510MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

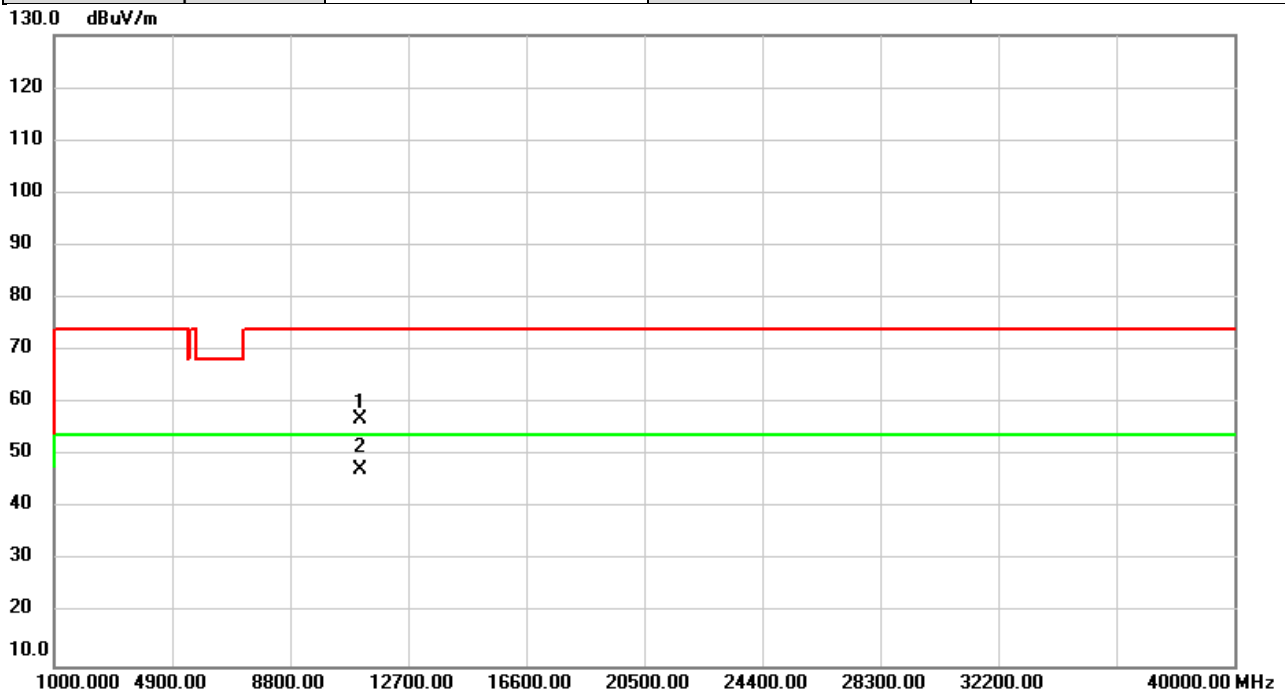


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11020.00	51.16	6.20	57.36	74.00	-16.64	peak	
2	*	11020.00	41.85	6.20	48.05	54.00	-5.95	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5550MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

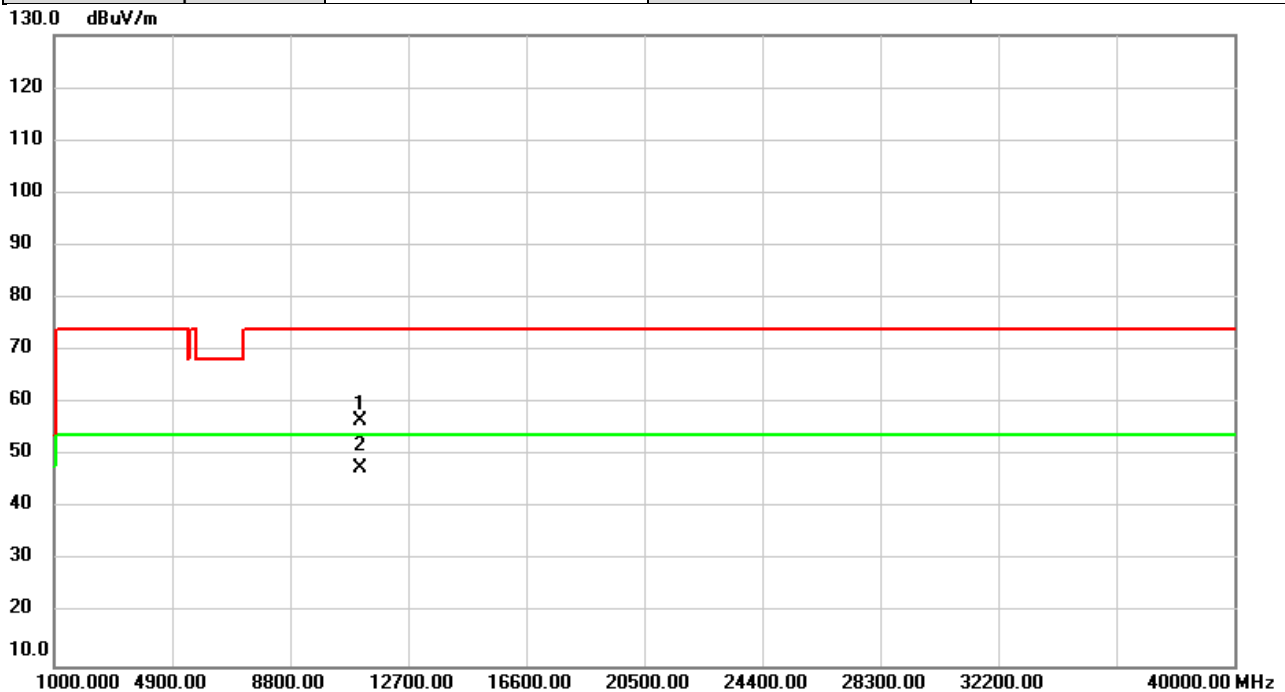


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11100.00	51.00	6.00	57.00	74.00	-17.00	peak	
2	*	11100.00	41.25	6.00	47.25	54.00	-6.75	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5550MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

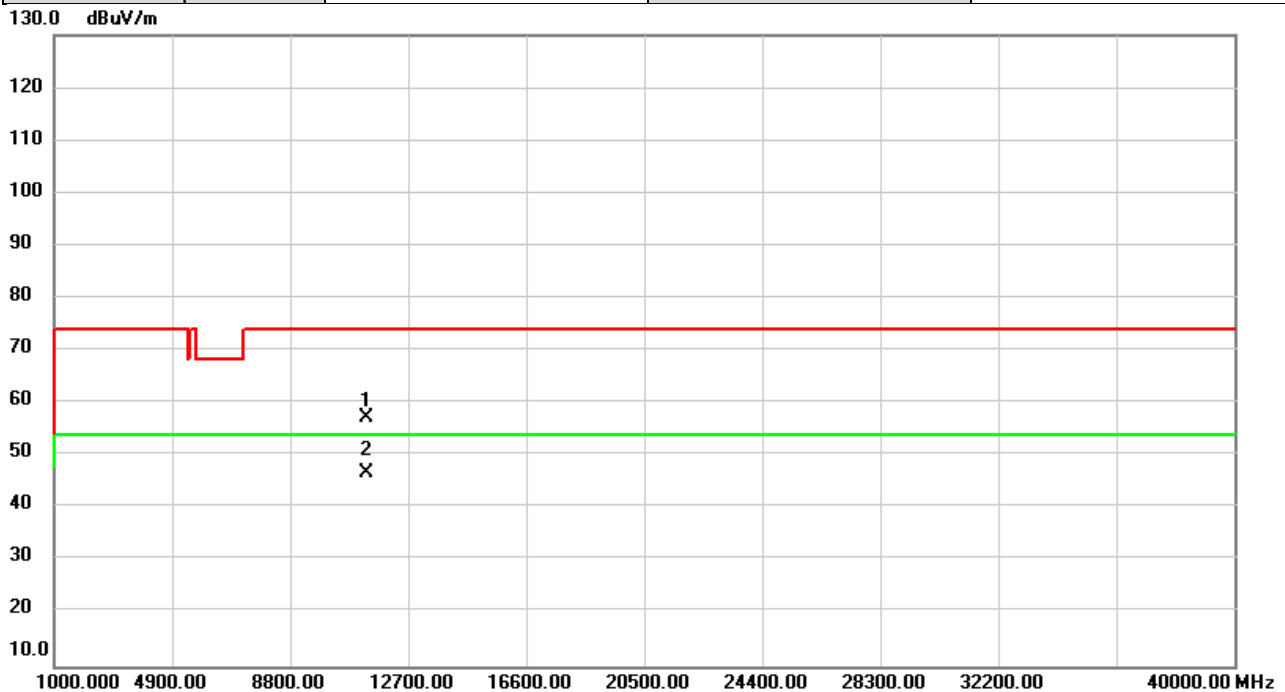


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11100.00	50.72	6.00	56.72	74.00	-17.28	peak	
2	*	11100.00	41.68	6.00	47.68	54.00	-6.32	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5670MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

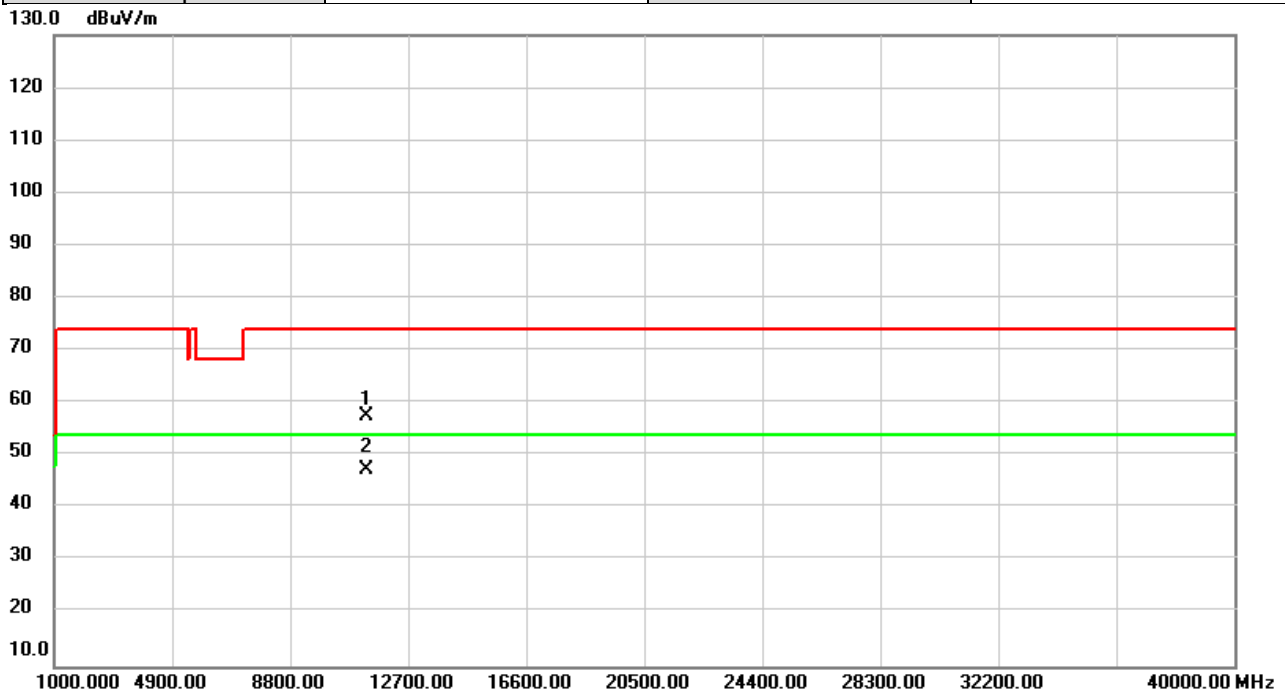


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11340.00	51.74	5.42	57.16	74.00	-16.84	peak	
2	*	11340.00	41.34	5.42	46.76	54.00	-7.24	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5670MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

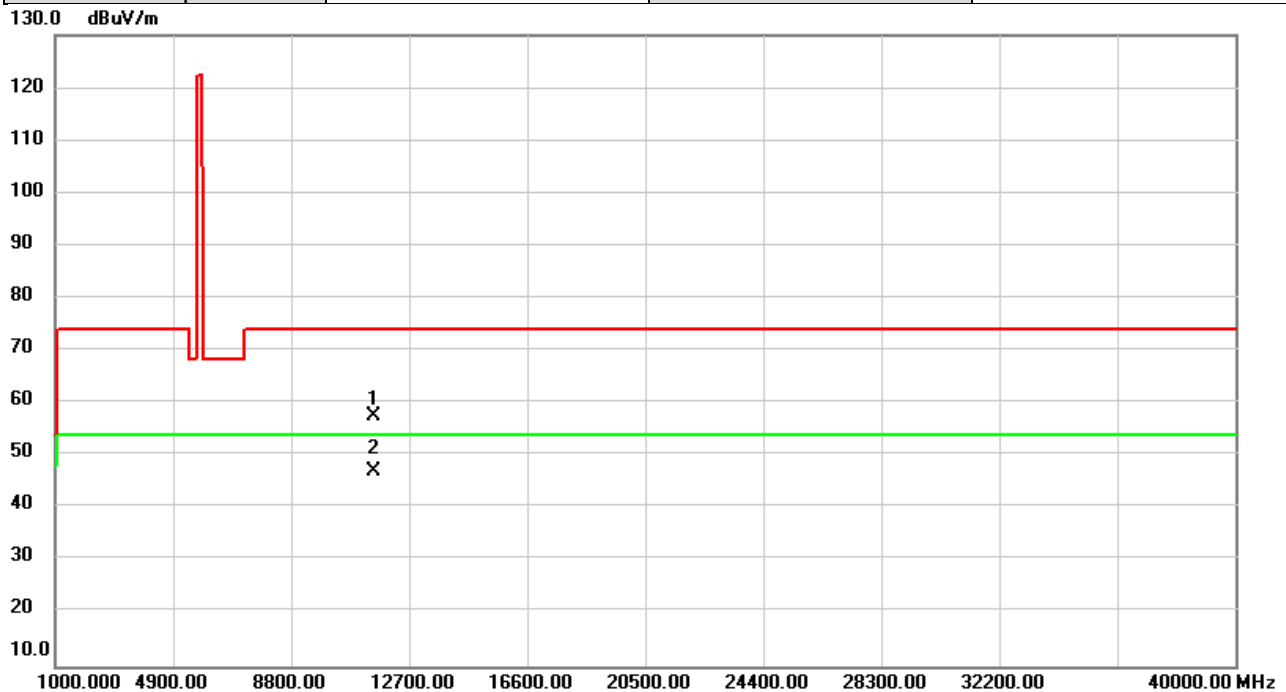


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11340.00	52.24	5.42	57.66	74.00	-16.34	peak	
2	*	11340.00	42.08	5.42	47.50	54.00	-6.50	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5755MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

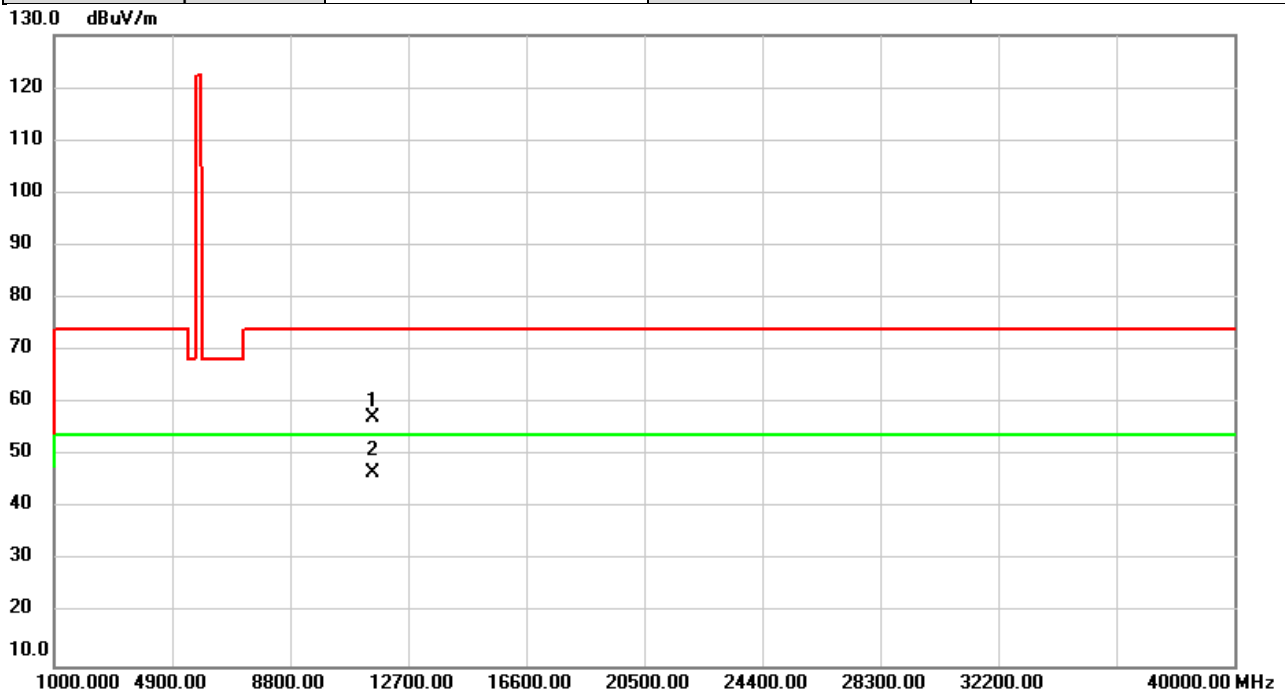


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11510.00	52.68	5.01	57.69	74.00	-16.31	peak	
2	*	11510.00	41.97	5.01	46.98	54.00	-7.02	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5755MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

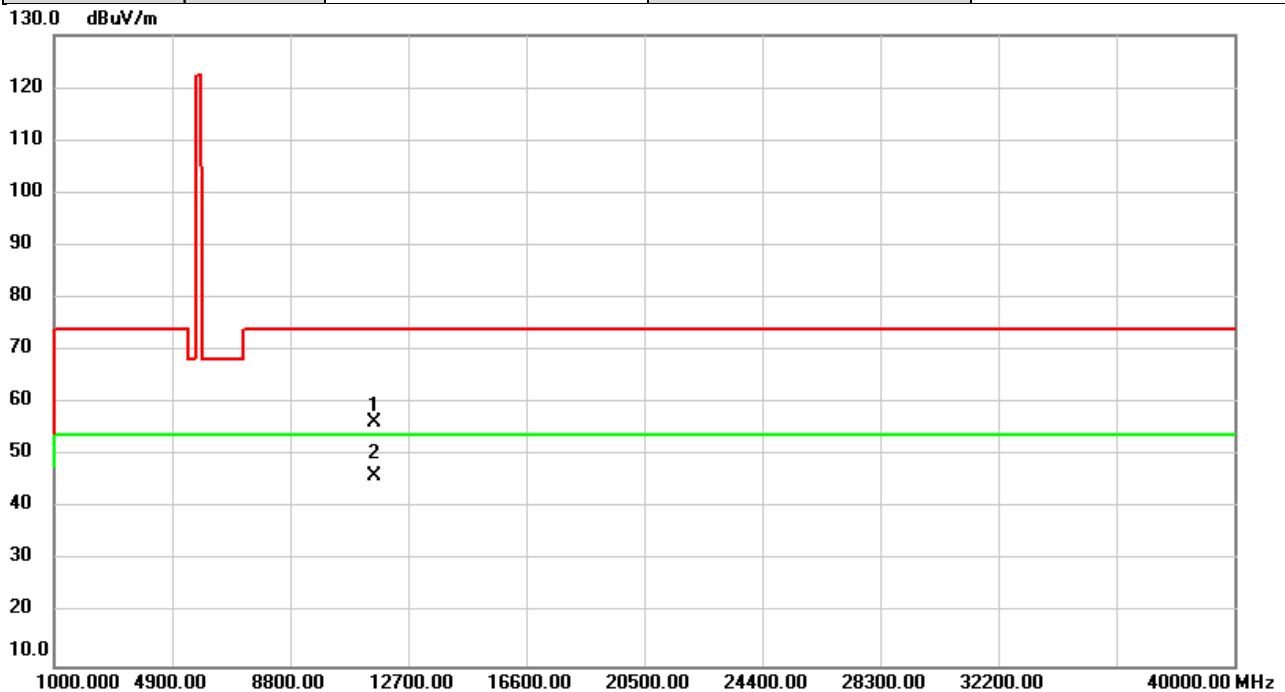


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11510.00	52.17	5.01	57.18	74.00	-16.82	peak	
2	*	11510.00	41.61	5.01	46.62	54.00	-7.38	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5795MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

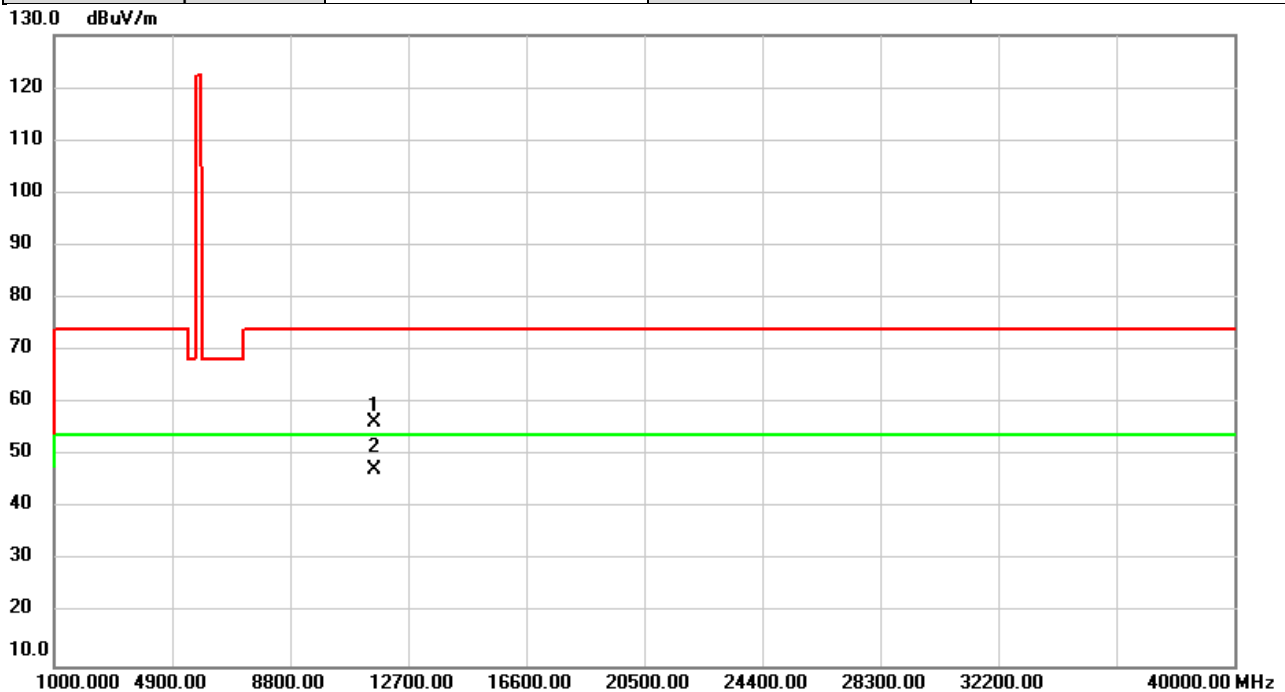


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11590.00	51.49	4.83	56.32	74.00	-17.68	peak	
2	*	11590.00	41.29	4.83	46.12	54.00	-7.88	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2021/7/2
Test Frequency	5795MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

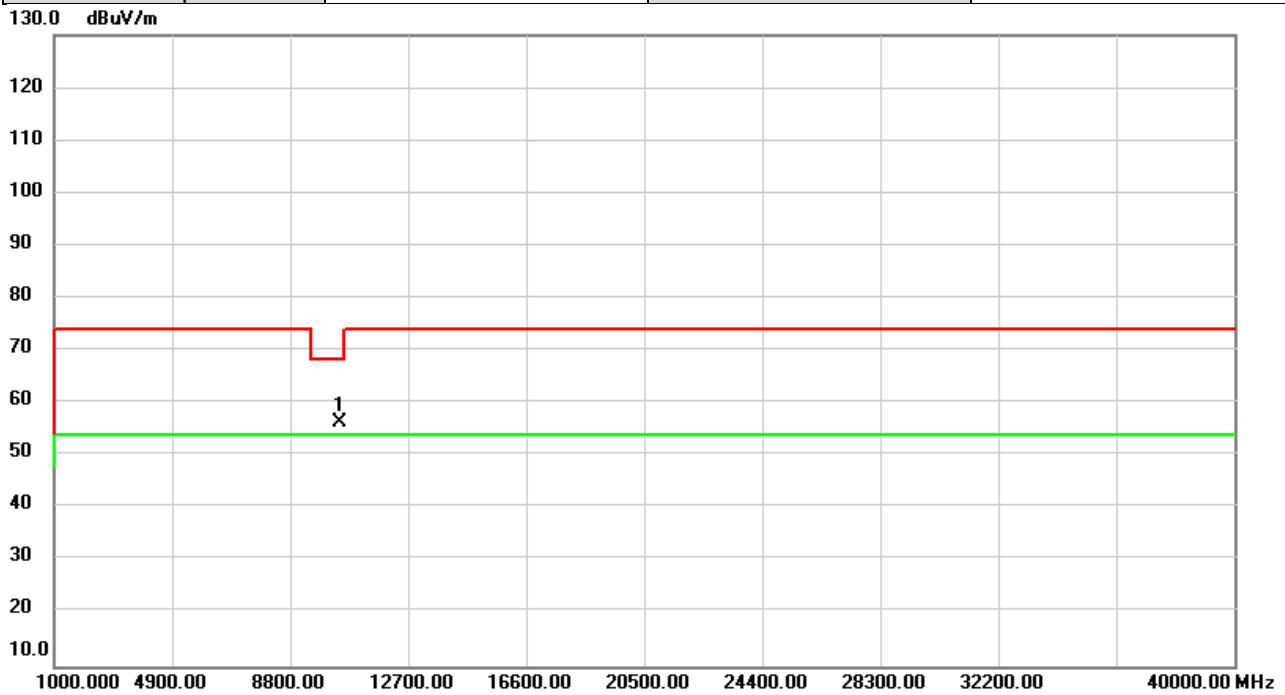


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11590.00	51.46	4.83	56.29	74.00	-17.71	peak	
2	*	11590.00	42.43	4.83	47.26	54.00	-6.74	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5210MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

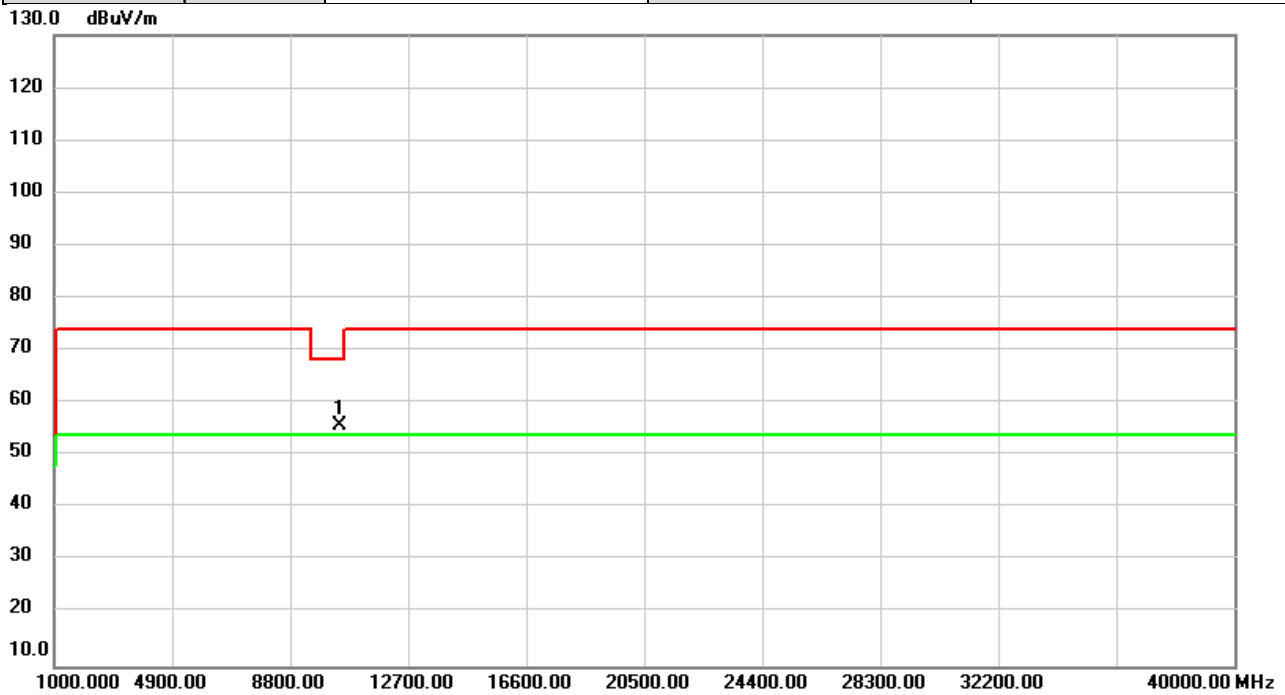


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	51.23	4.99	56.22	68.20	-11.98	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5210MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

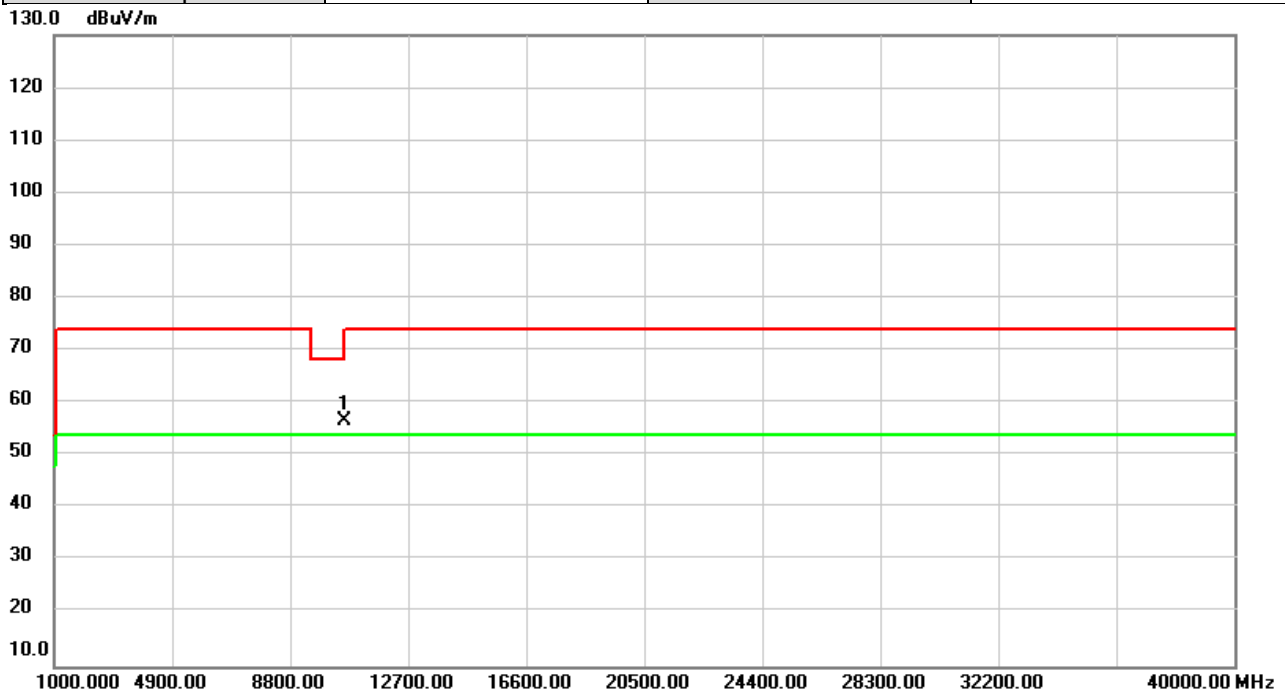


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	50.83	4.99	55.82	68.20	-12.38	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5290MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

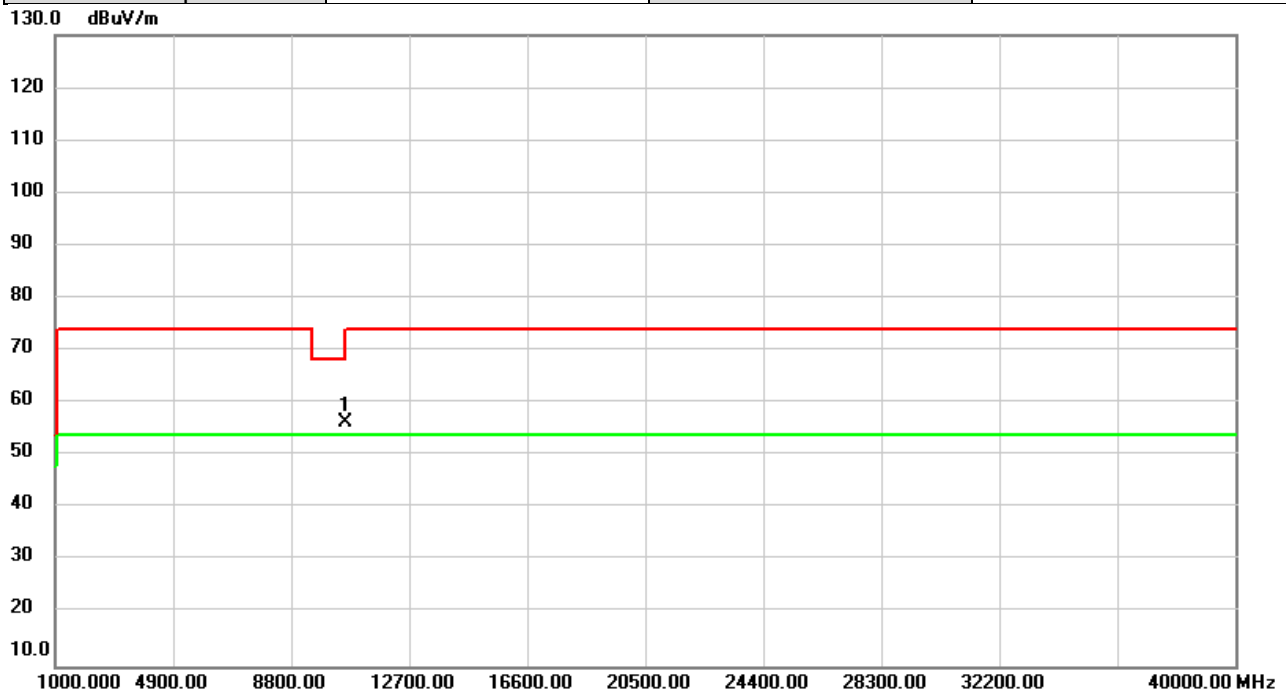


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10580.00	51.32	5.37	56.69	68.20	-11.51	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5290MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

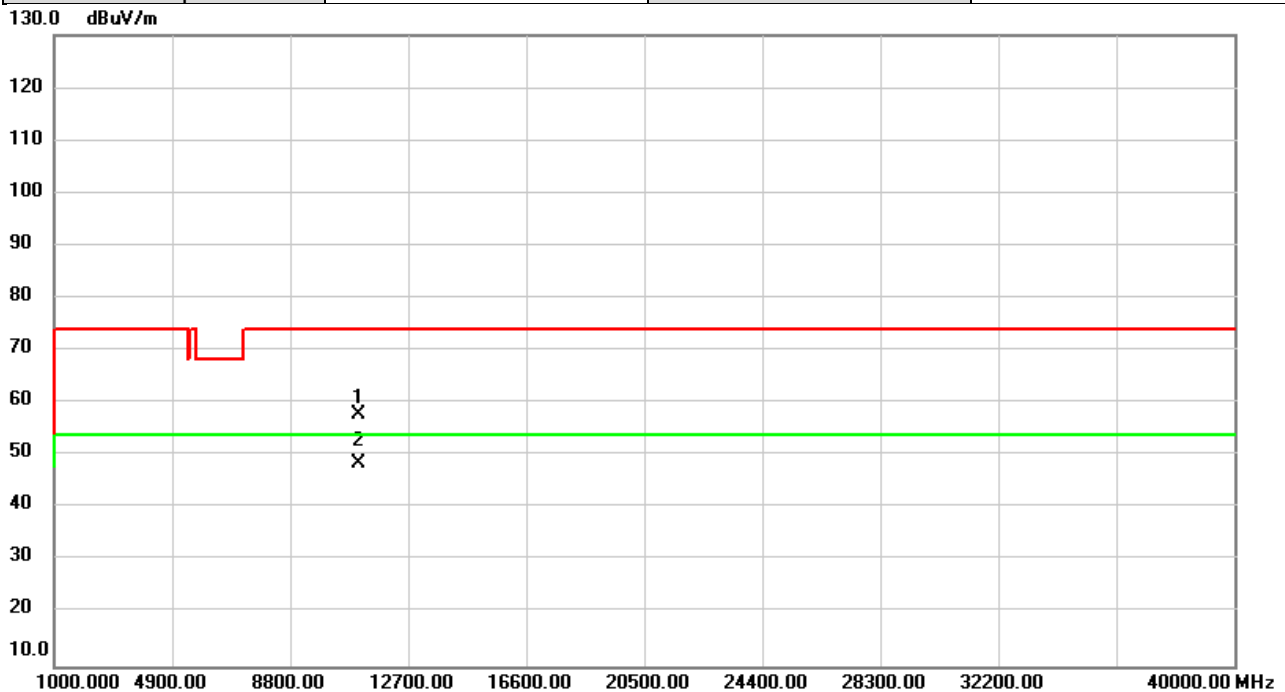


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10580.00	50.93	5.37	56.30	68.20	-11.90	peak	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5530MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

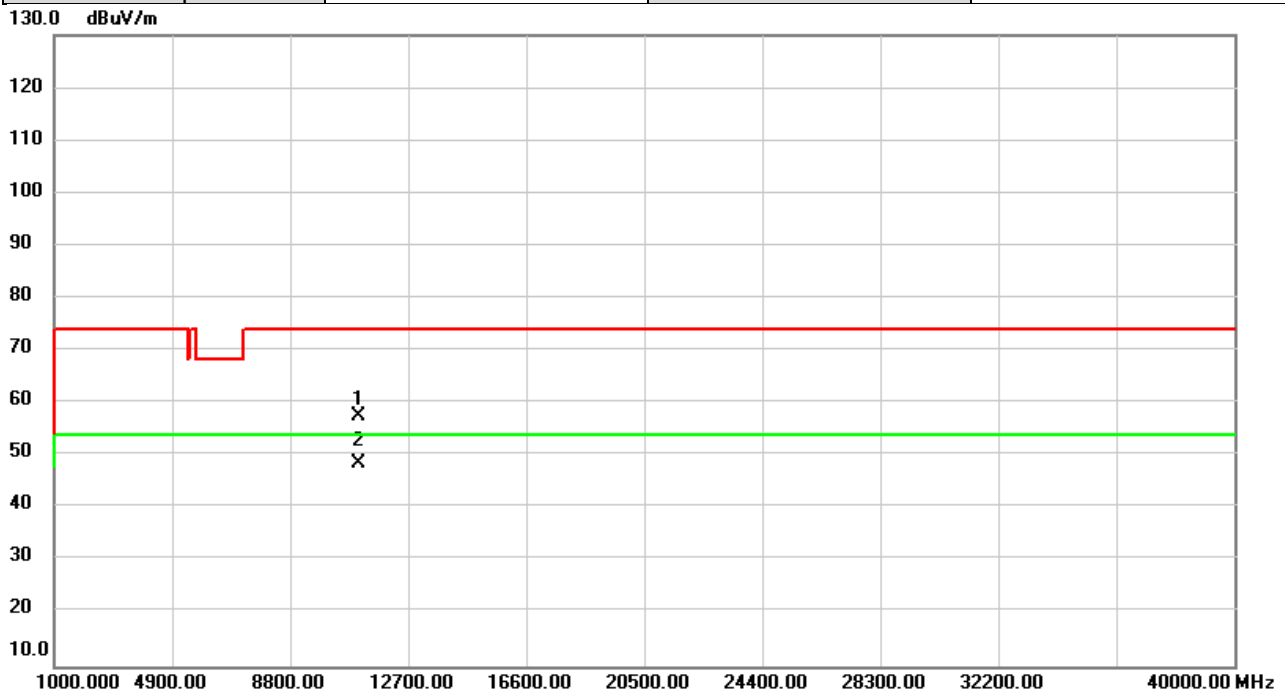


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11060.00	51.80	6.09	57.89	74.00	-16.11	peak	
2	*	11060.00	42.53	6.09	48.62	54.00	-5.38	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5530MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

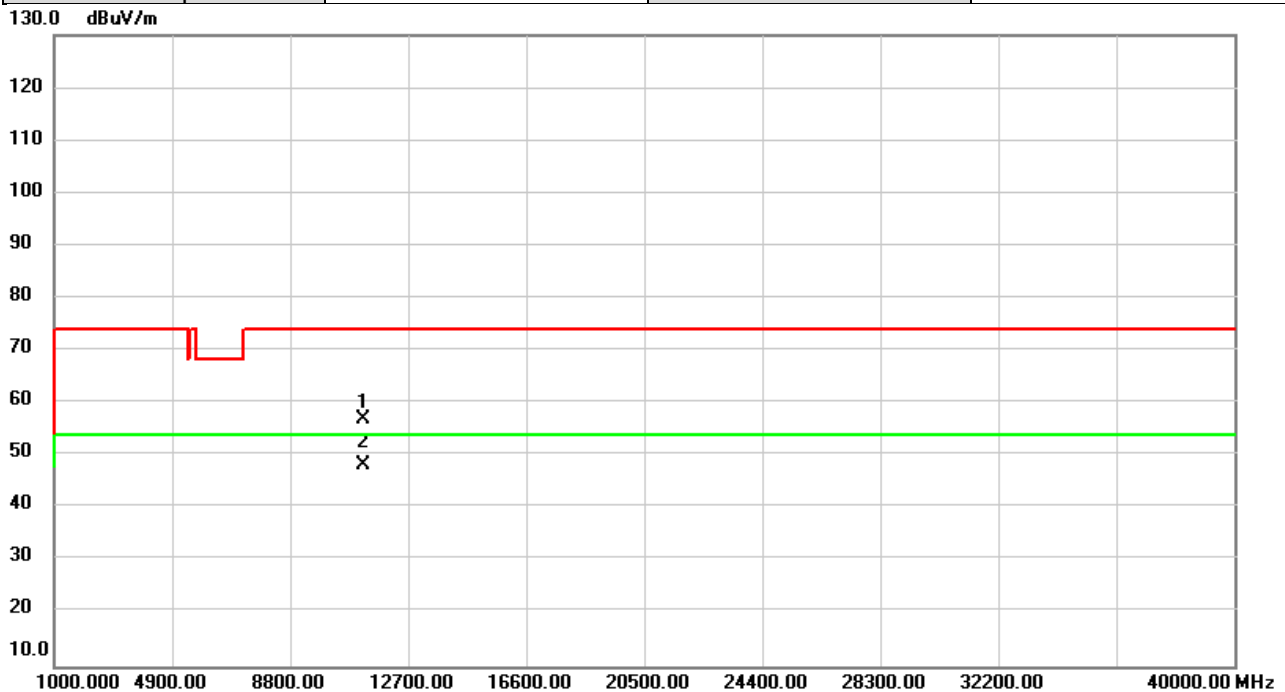


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11060.00	51.42	6.09	57.51	74.00	-16.49	peak	
2	*	11060.00	42.35	6.09	48.44	54.00	-5.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5610MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

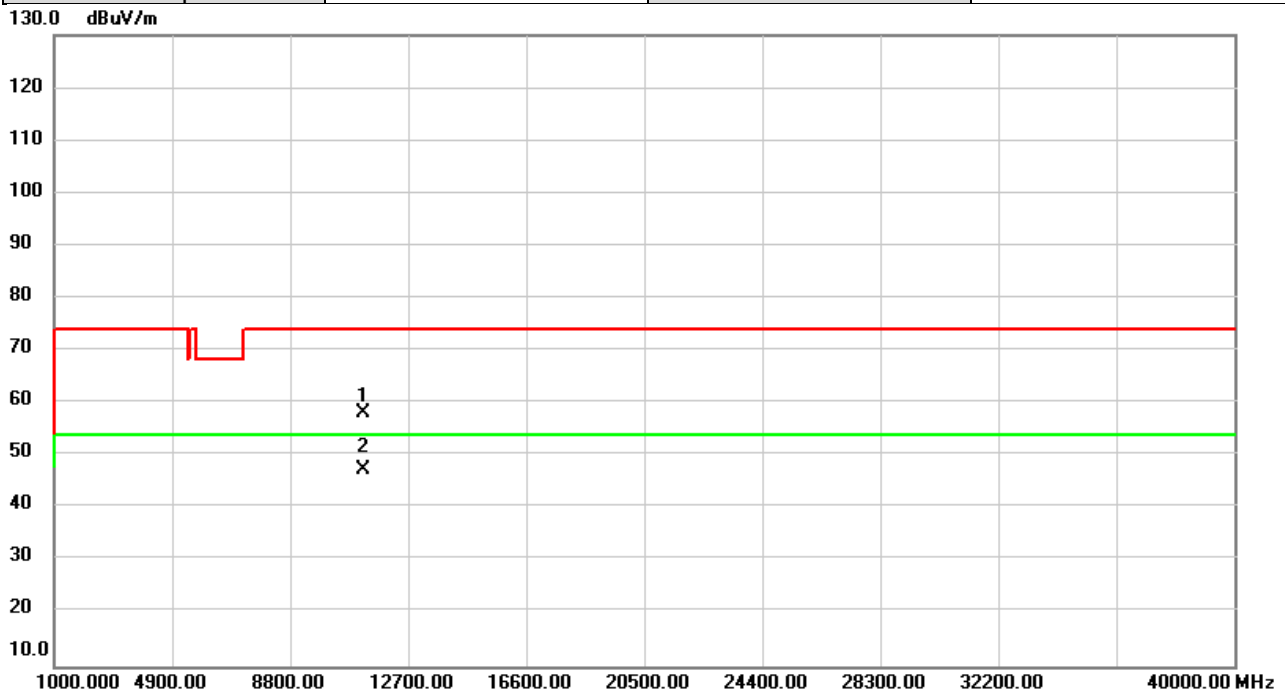


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11220.00	51.10	5.71	56.81	74.00	-17.19	peak	
2	*	11220.00	42.41	5.71	48.12	54.00	-5.88	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5610MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%

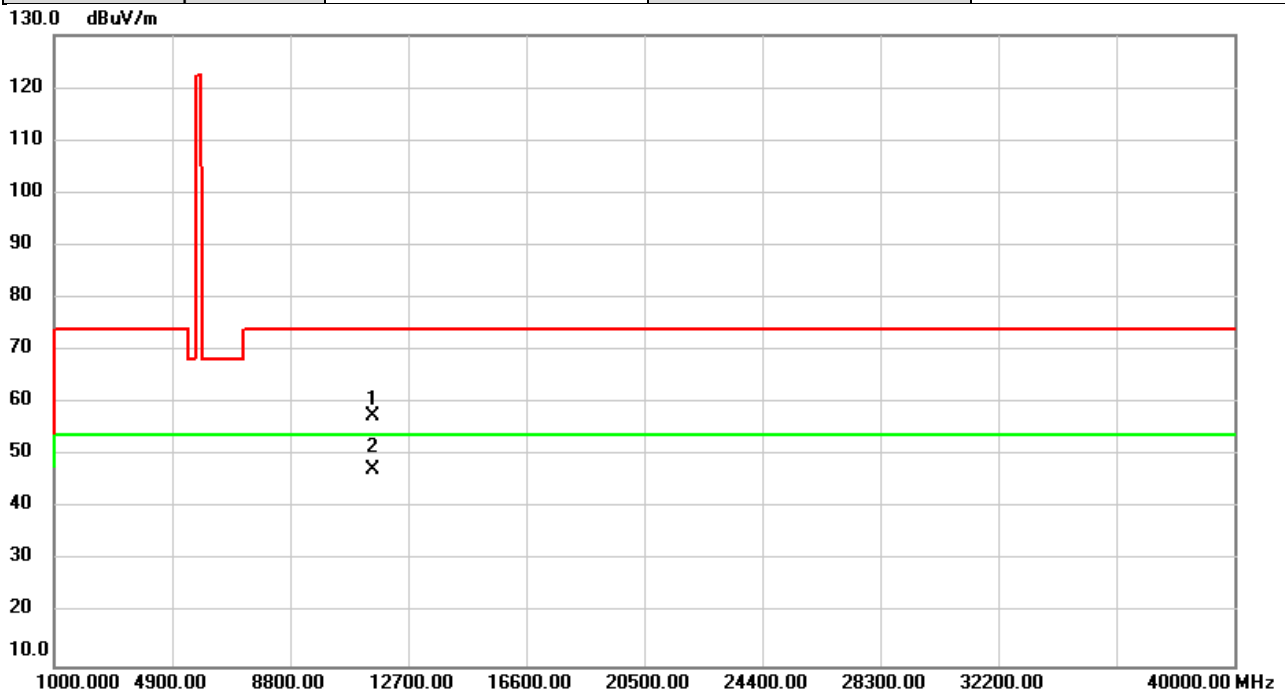


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11220.00	52.59	5.71	58.30	74.00	-15.70	peak	
2	*	11220.00	41.76	5.71	47.47	54.00	-6.53	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5775MHz	Polarization	Vertical
Temp	24°C	Hum.	58%

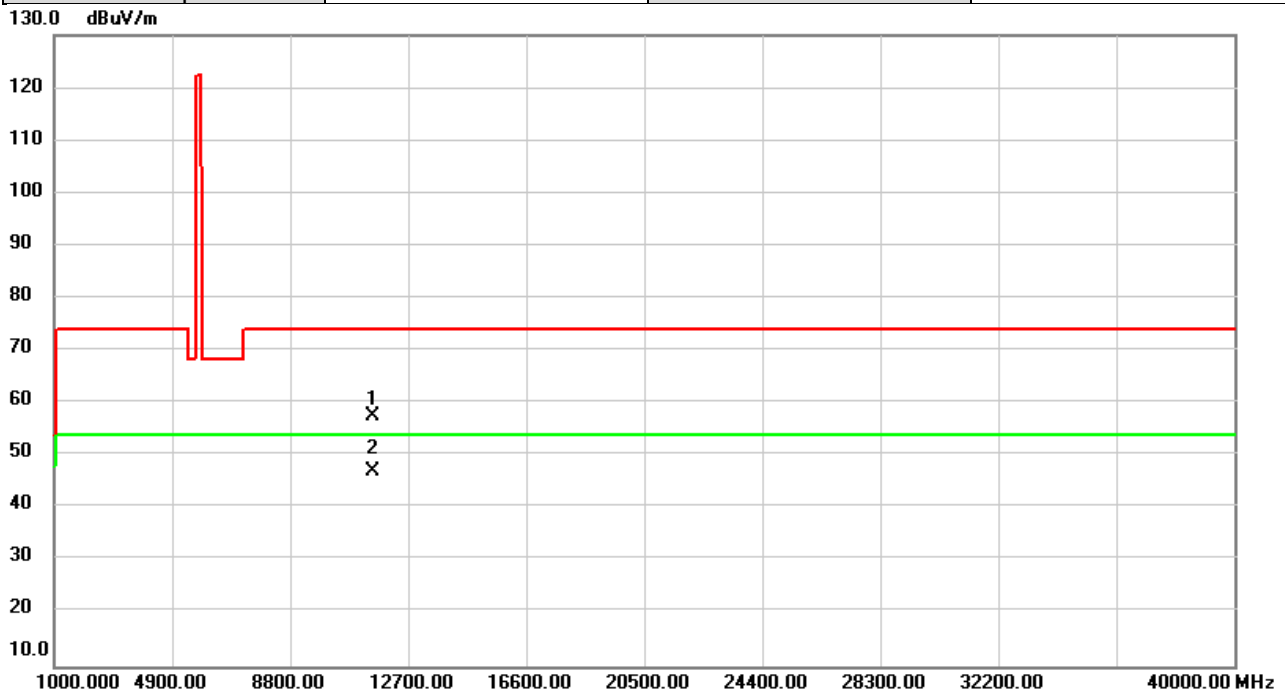


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11550.00	52.77	4.92	57.69	74.00	-16.31	peak	
2	*	11550.00	42.31	4.92	47.23	54.00	-6.77	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2021/7/2
Test Frequency	5775MHz	Polarization	Horizontal
Temp	24°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11550.00	52.59	4.92	57.51	74.00	-16.49	peak	
2	*	11550.00	42.13	4.92	47.05	54.00	-6.95	AVG	

REMARKS:

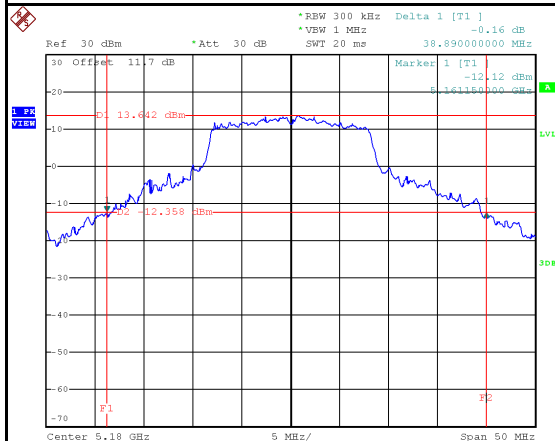
- (1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D BANDWIDTH

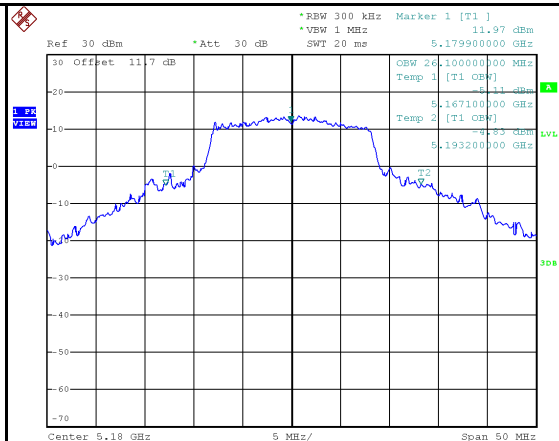
Test Mode	IEEE 802.11a
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Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5180	38.89	26.10	No limit
5200	40.69	27.50	No limit
5240	41.61	28.20	No limit

5180 MHz

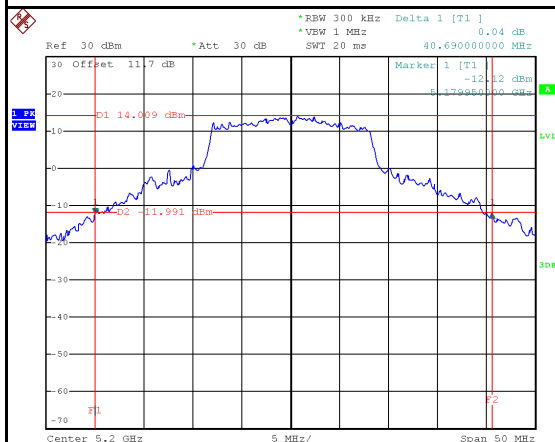


Date: 16.APR.2021 17:53:21

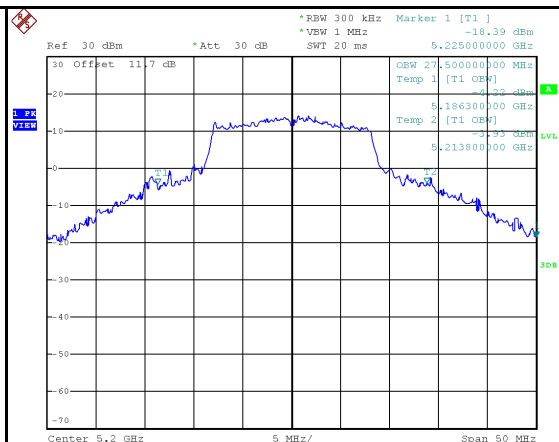


Date: 16.APR.2021 17:53:03

5200 MHz

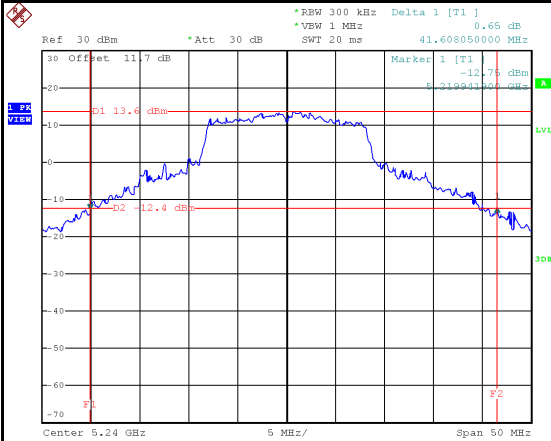


Date: 16.APR.2021 17:55:17

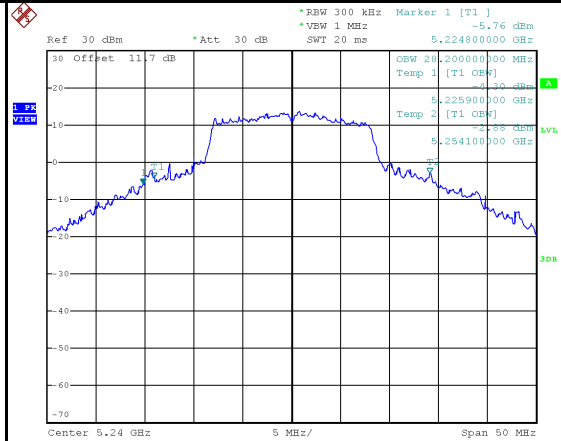


Date: 16.APR.2021 17:55:02

5240 MHz



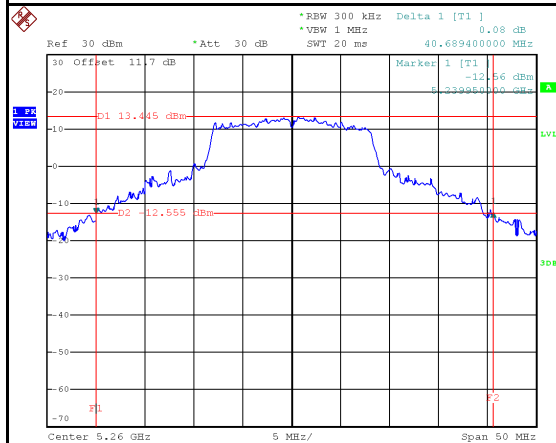
Date: 16.APR.2021 17:56:18



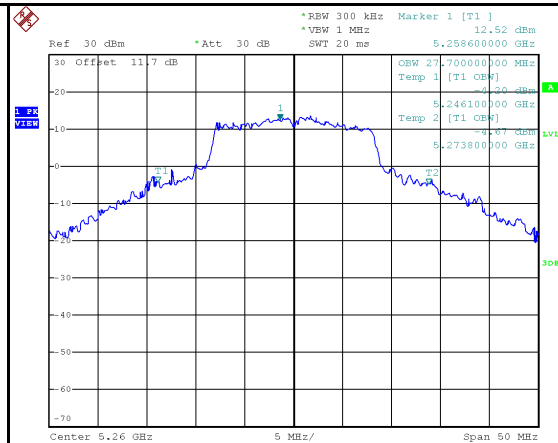
Date: 16.APR.2021 17:56:04

Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5260	40.69	27.70	No limit
5300	41.70	28.10	No limit
5320	40.89	27.20	No limit

5260 MHz

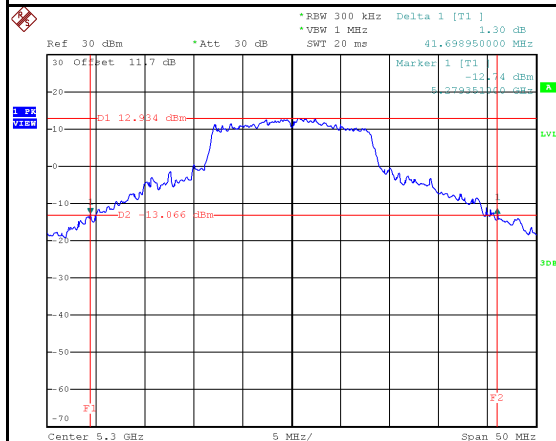


Date: 16.APR.2021 17:57:28

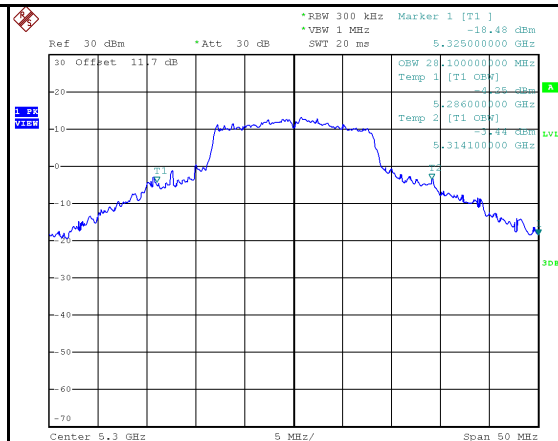


Date: 16.APR.2021 17:57:12

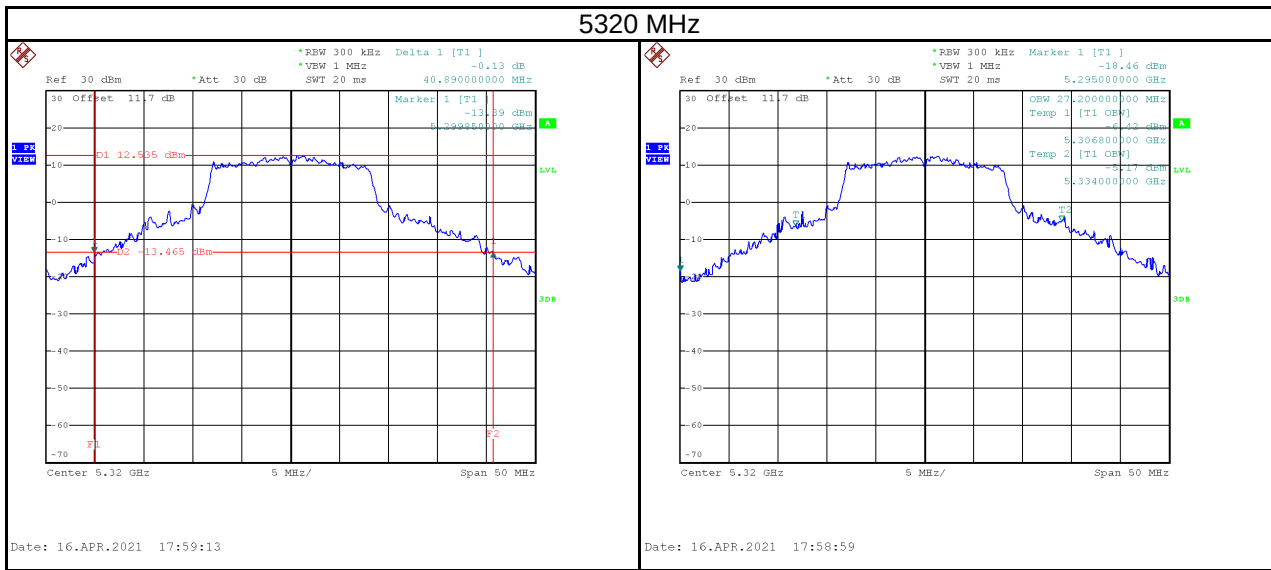
5300 MHz



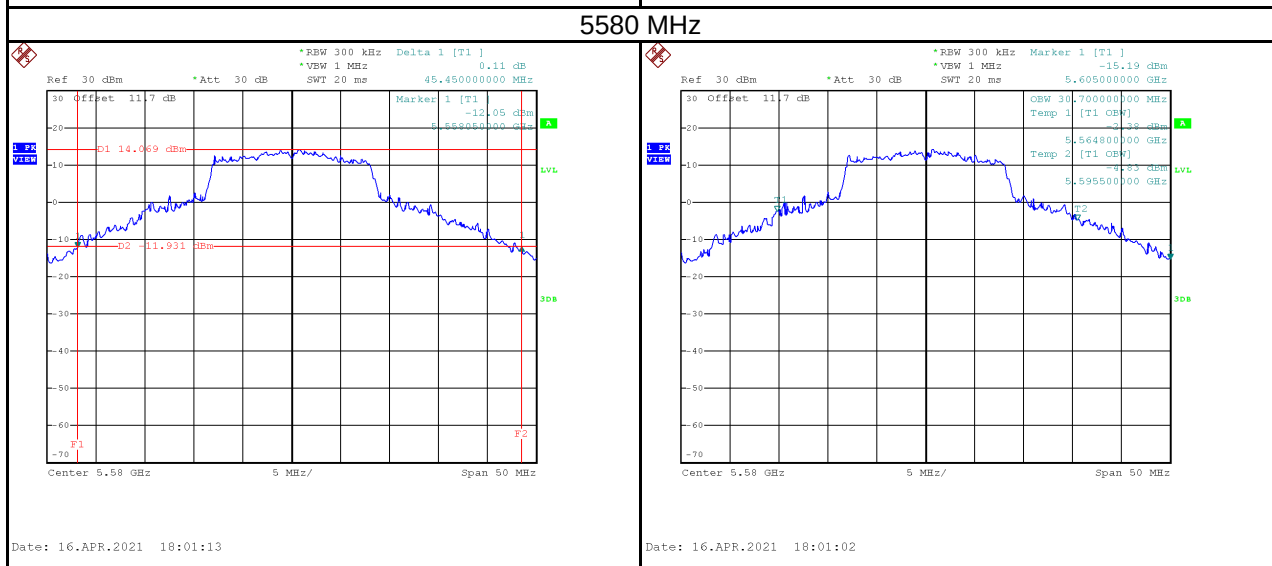
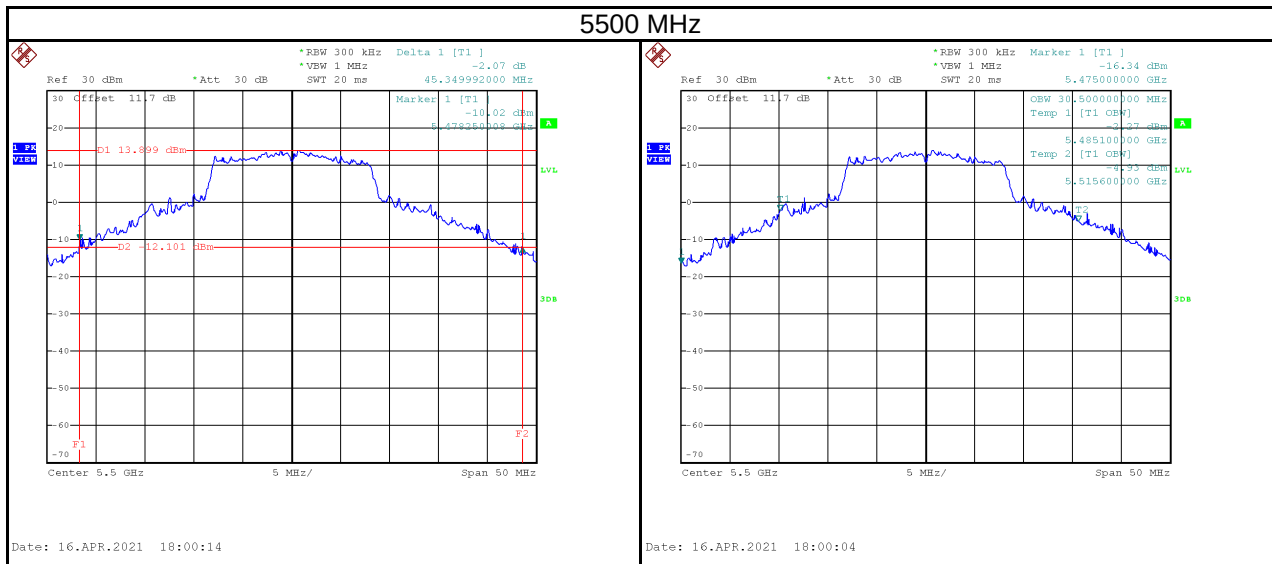
Date: 16.APR.2021 17:58:24



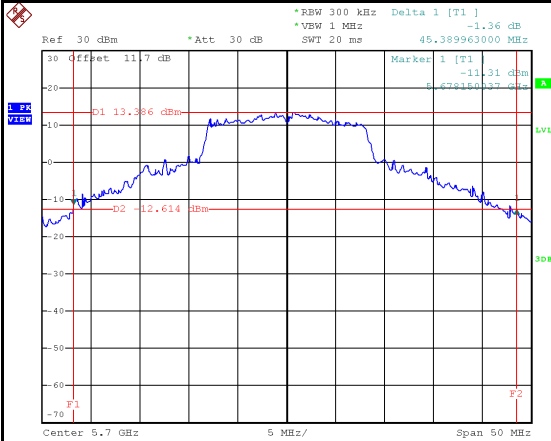
Date: 16.APR.2021 17:58:10



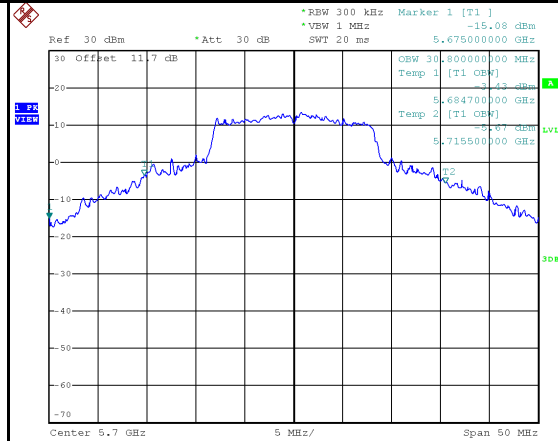
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5500	45.35	30.50	No limit
5580	45.45	30.70	No limit
5700	45.39	30.80	No limit



5700 MHz



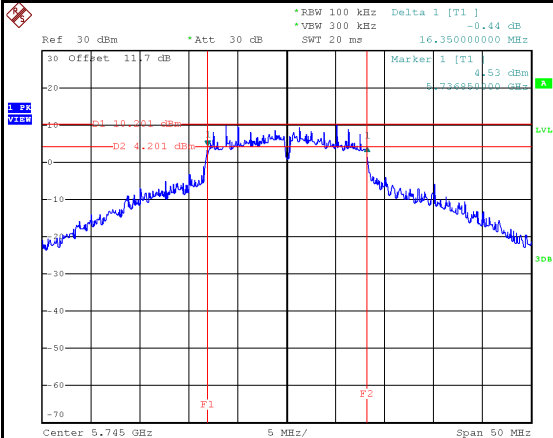
Date: 16.APR.2021 18:02:07



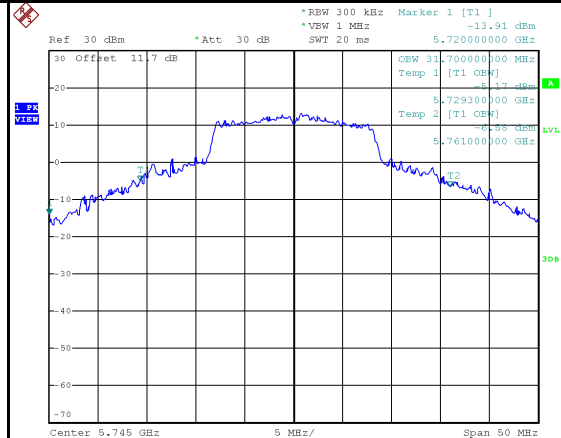
Date: 16.APR.2021 18:01:56

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5745	16.35	31.70	500	Pass
5785	16.35	31.70	500	Pass
5825	16.35	32.60	500	Pass

5745 MHz

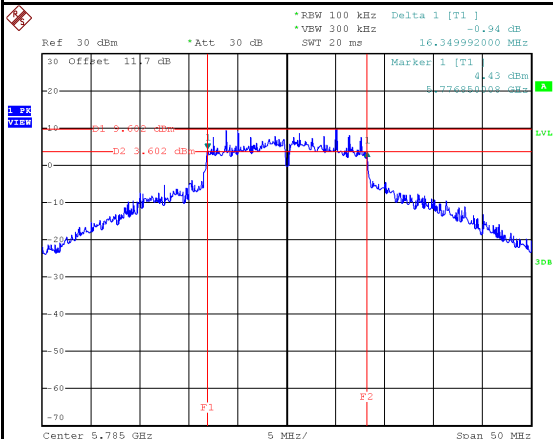


Date: 16.APR.2021 18:03:47

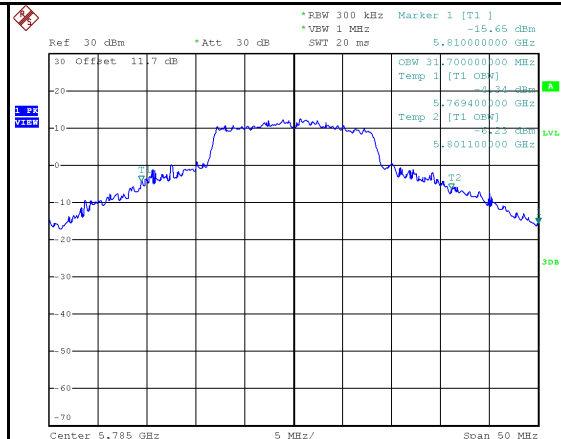


Date: 16.APR.2021 18:03:16

5785 MHz

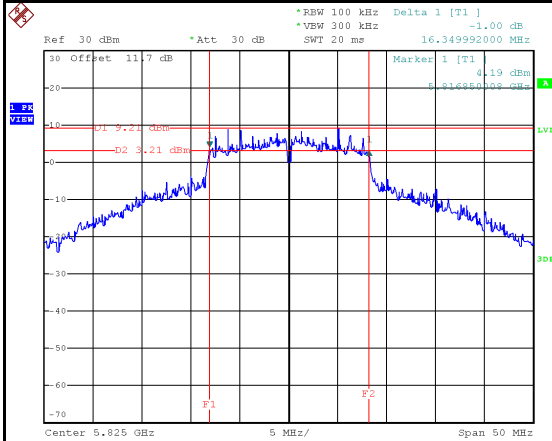


Date: 16.APR.2021 18:05:05

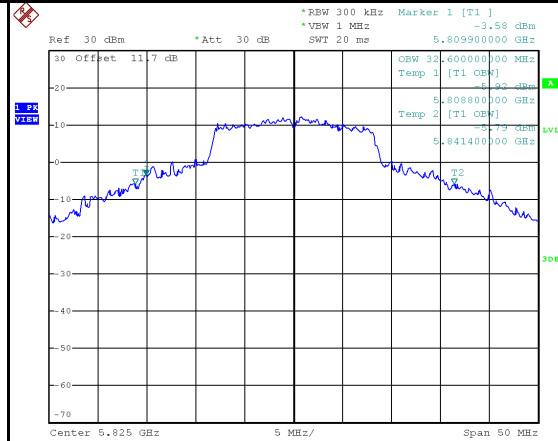


Date: 16.APR.2021 18:04:32

5825 MHz



Date: 16.APR.2021 18:06:15

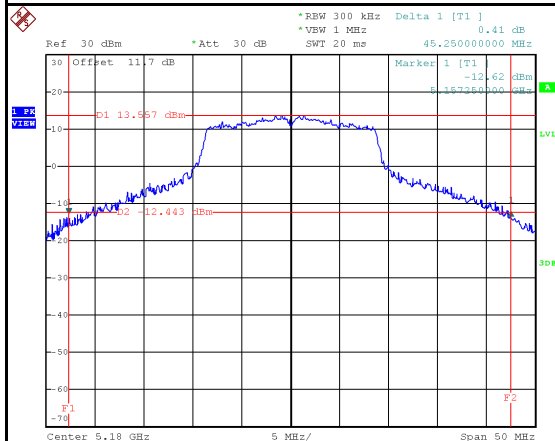


Date: 16.APR.2021 18:05:42

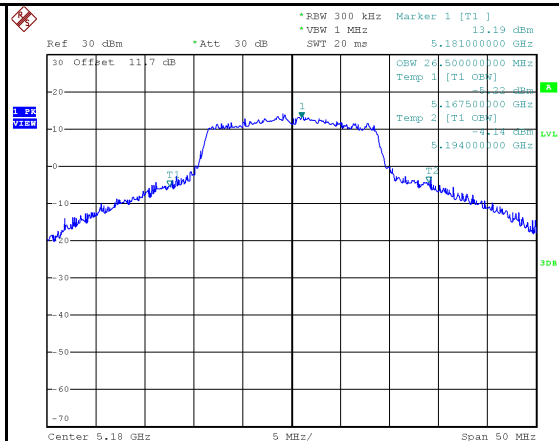
Test Mode	IEEE 802.11n (HT20)
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Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5180	45.25	26.50	No limit
5200	44.80	26.70	No limit
5240	45.45	27.80	No limit

5180 MHz

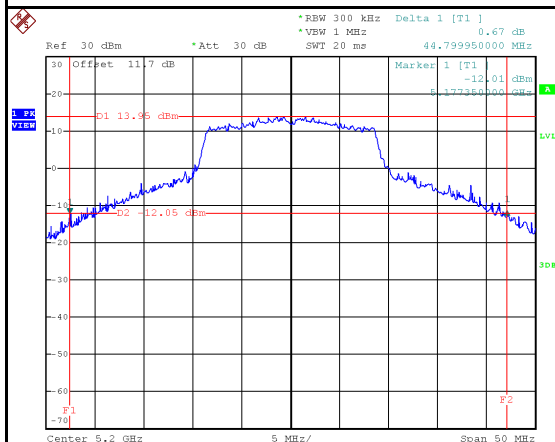


Date: 16.APR.2021 15:38:02

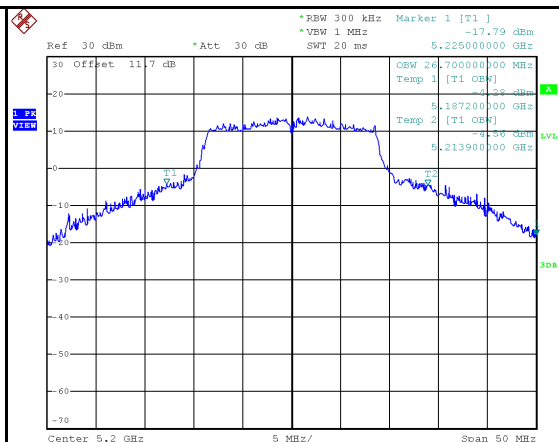


Date: 16.APR.2021 15:37:51

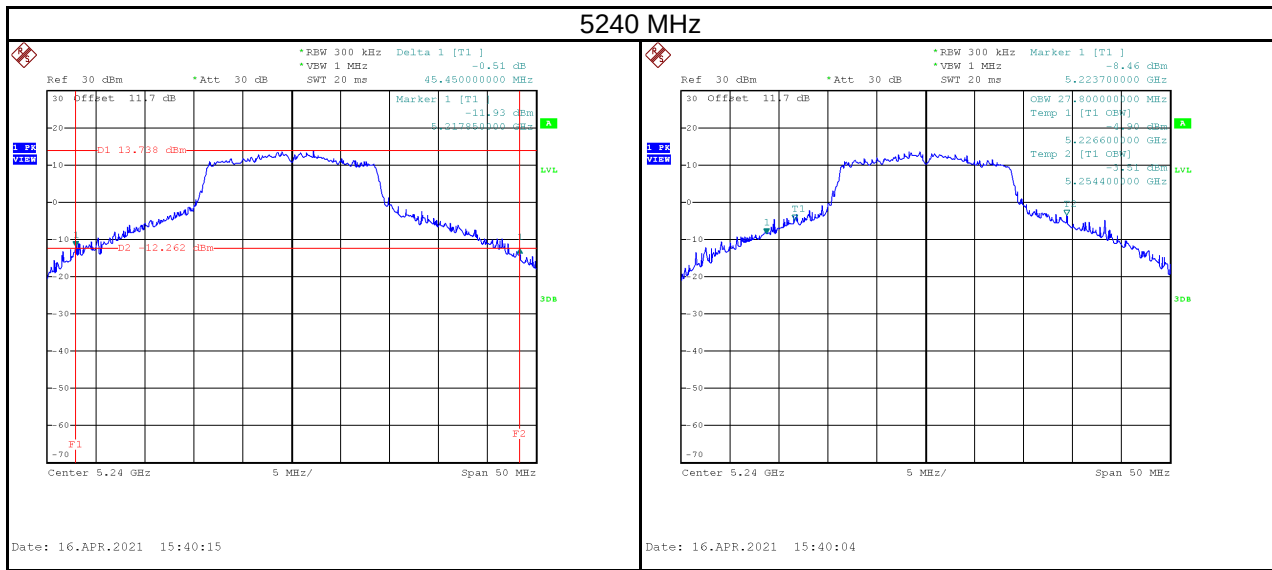
5200 MHz



Date: 16.APR.2021 15:39:09

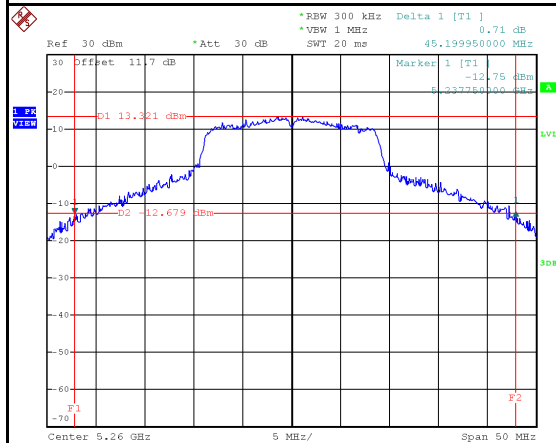


Date: 16.APR.2021 15:38:58

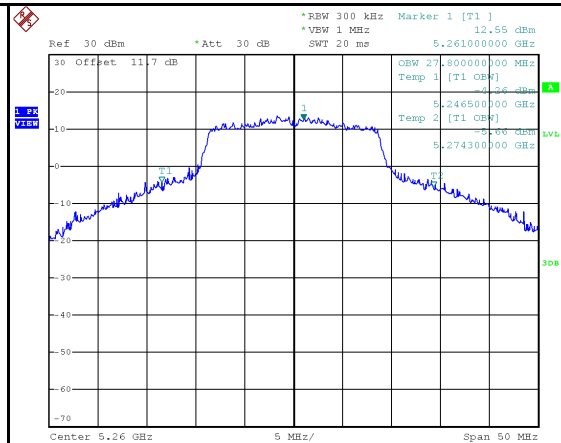


Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5260	45.20	27.80	No limit
5300	46.00	28.40	No limit
5320	46.85	29.00	No limit

5260 MHz

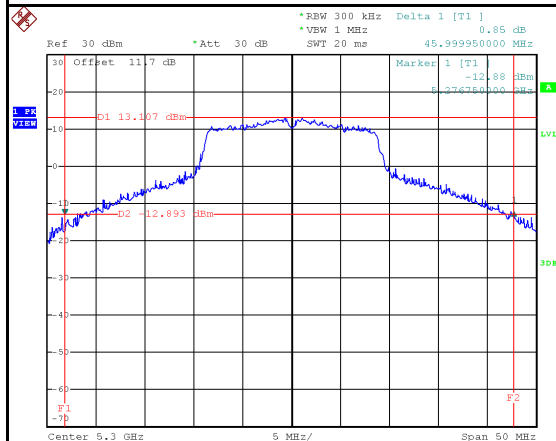


Date: 16.APR.2021 15:42:35

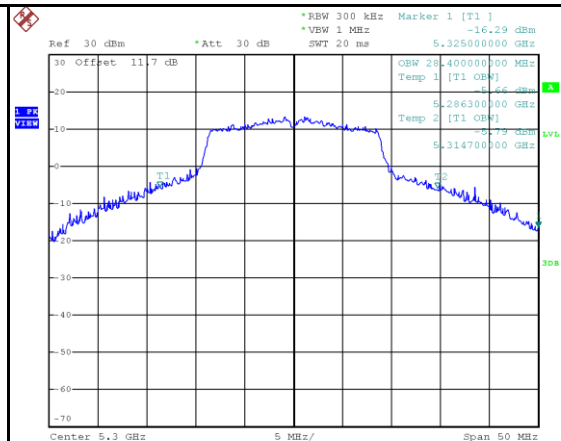


Date: 16.APR.2021 15:42:25

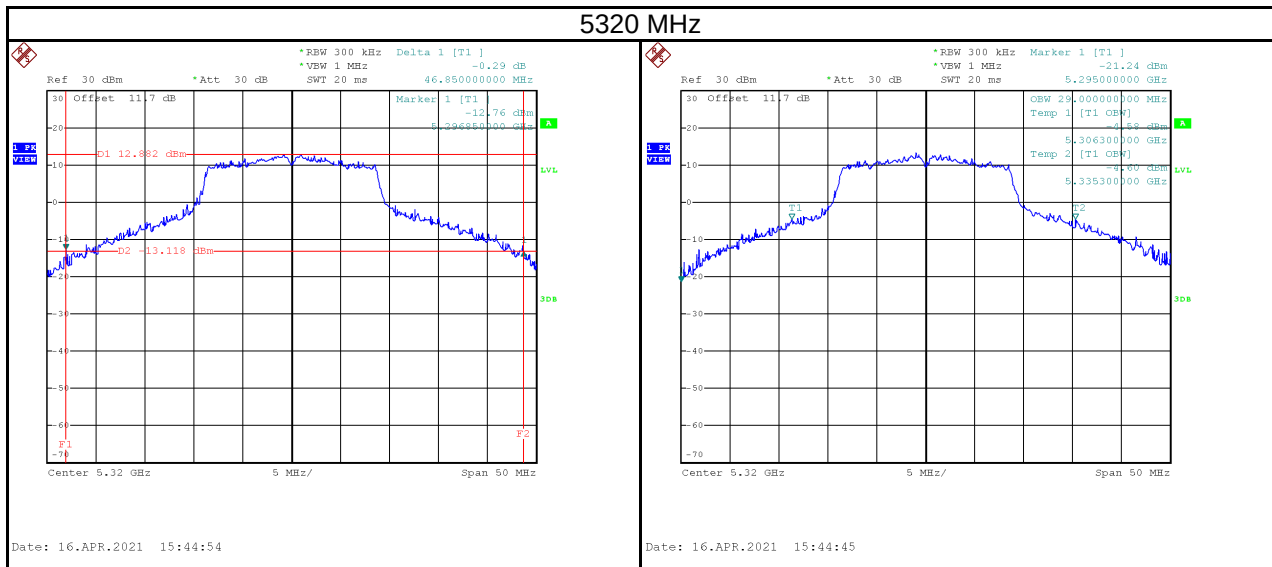
5300 MHz



Date: 16.APR.2021 15:43:54

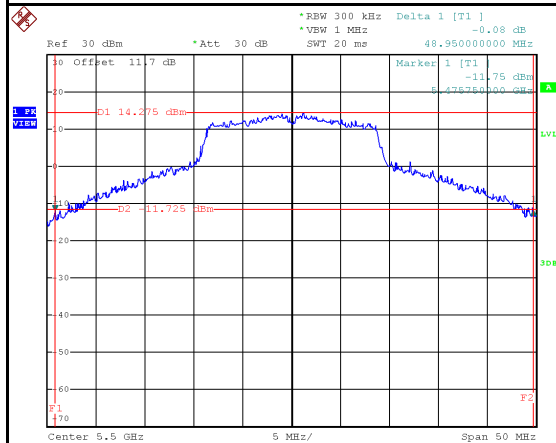


Date: 16.APR.2021 15:43:44

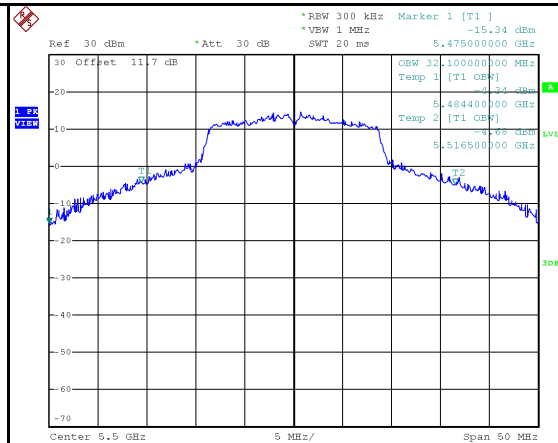


Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5500	48.95	32.10	No limit
5580	46.79	32.40	No limit
5700	48.30	32.50	No limit

5500 MHz

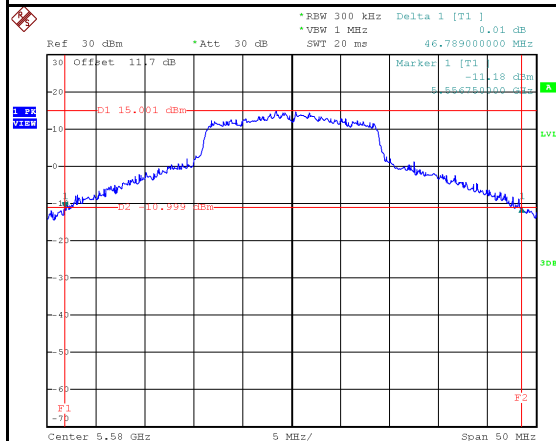


Date: 16.APR.2021 15:45:58

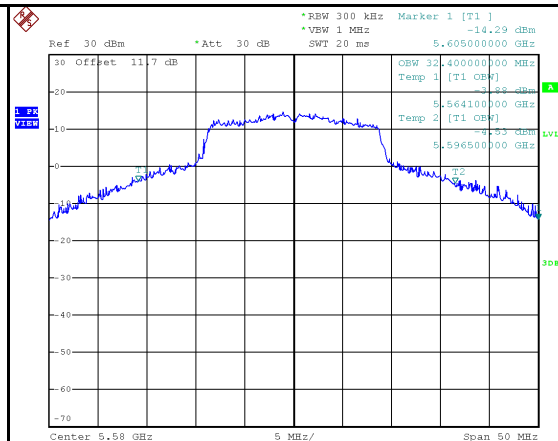


Date: 16.APR.2021 15:45:50

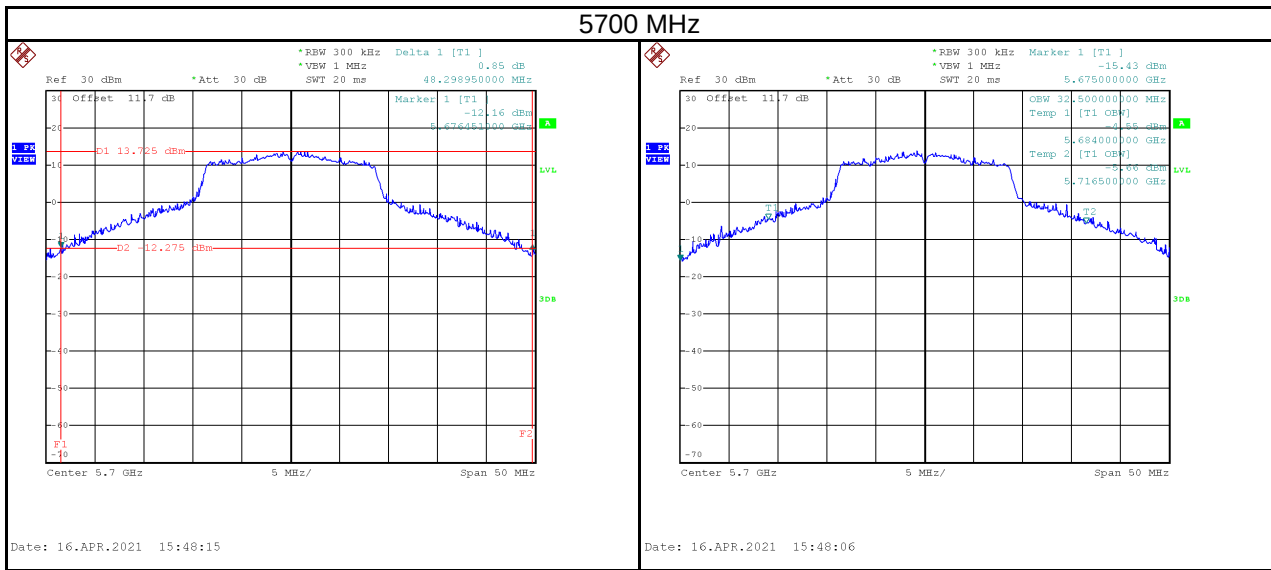
5580 MHz



Date: 16.APR.2021 15:47:15

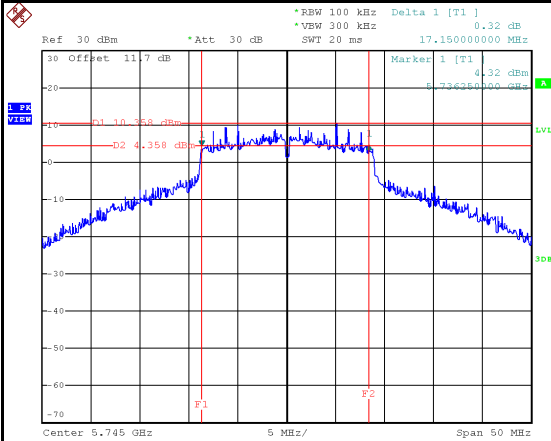


Date: 16.APR.2021 15:47:04

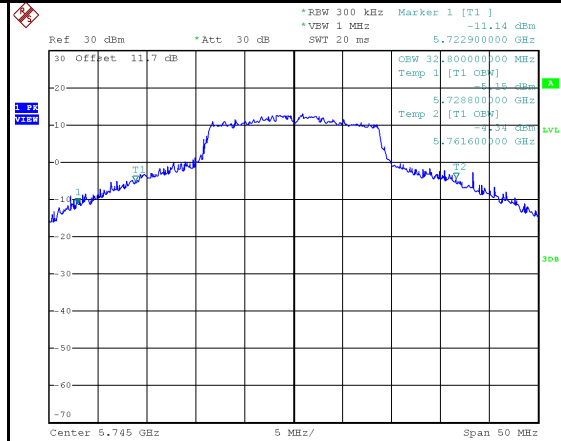


Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5745	17.15	32.80	500	Pass
5785	17.25	33.20	500	Pass
5825	17.55	34.20	500	Pass

5745 MHz

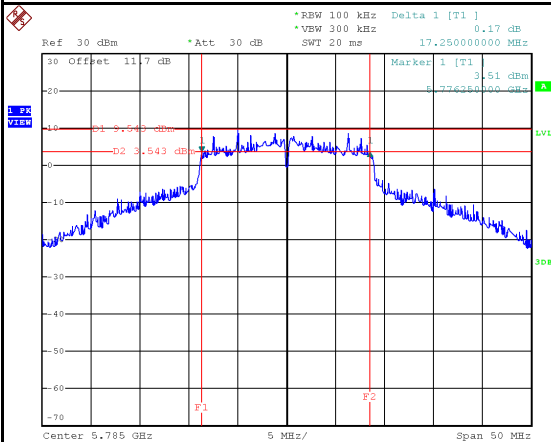


Date: 16.APR.2021 15:49:50

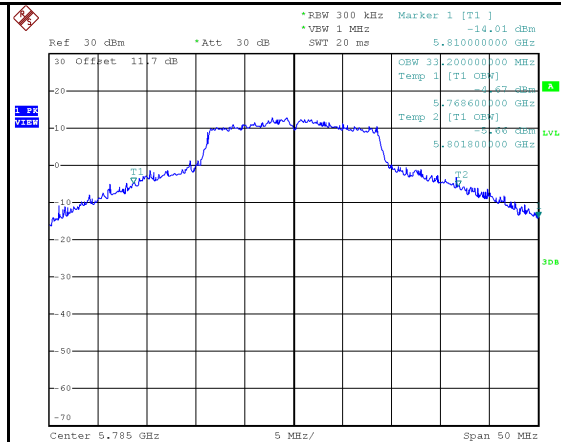


Date: 16.APR.2021 15:49:19

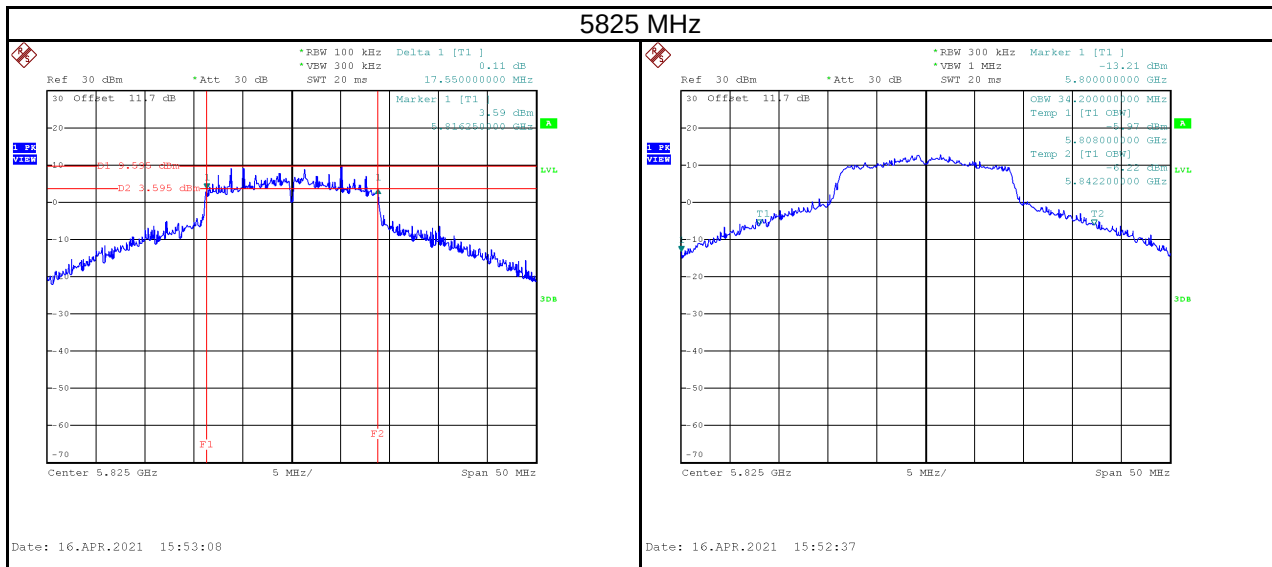
5785 MHz



Date: 16.APR.2021 15:51:51

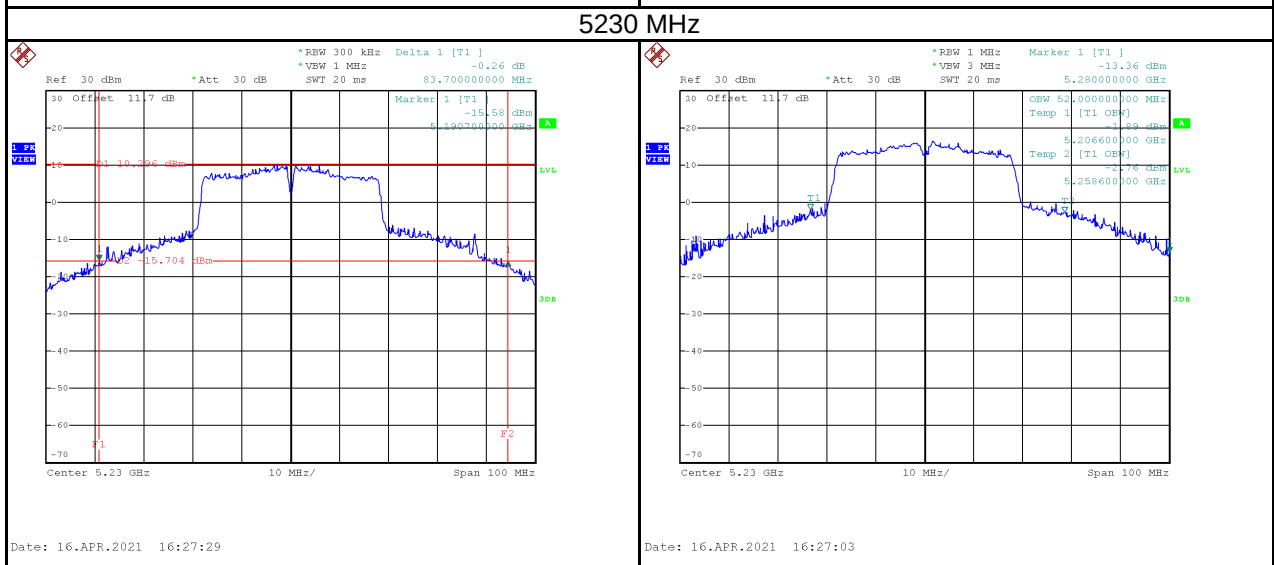
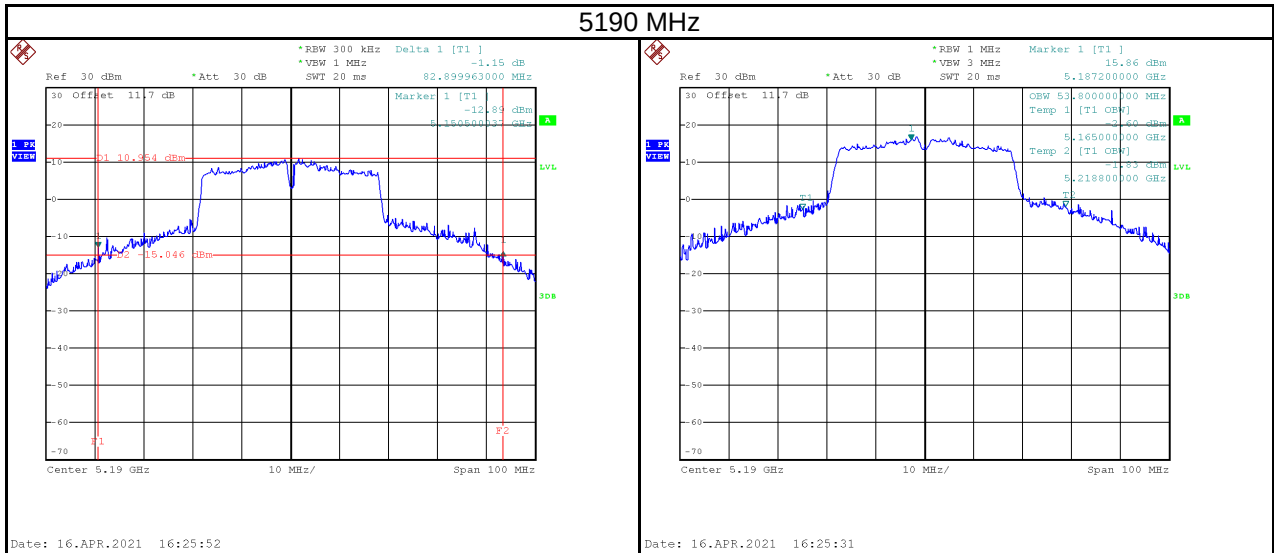


Date: 16.APR.2021 15:51:20



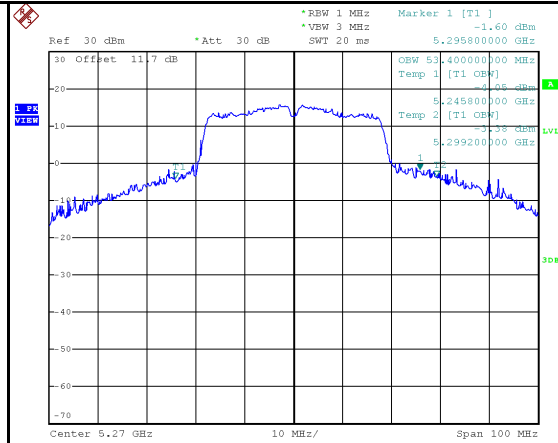
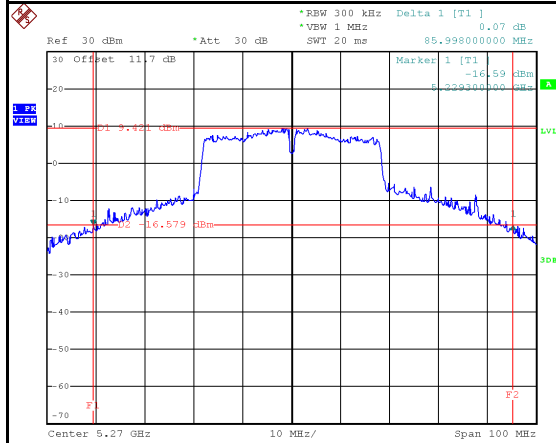
Test Mode	IEEE 802.11n (HT40)
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Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5190	82.90	53.80	No limit
5230	83.70	52.00	No limit

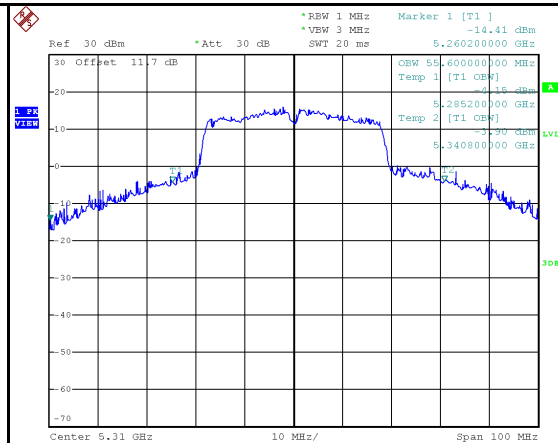
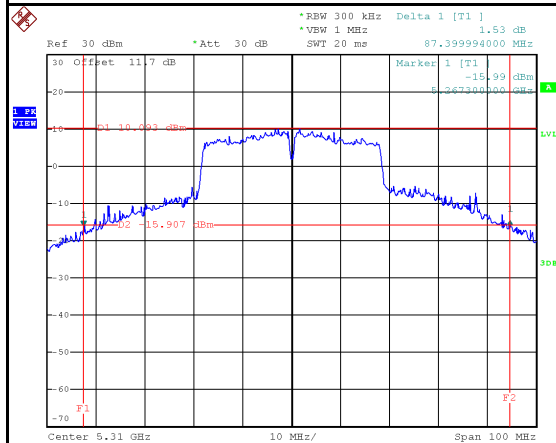


Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5270	86.00	53.40	No limit
5310	87.40	55.60	No limit

5270 MHz

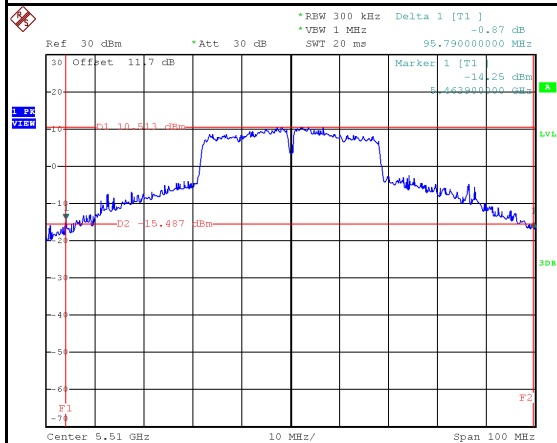


5310 MHz

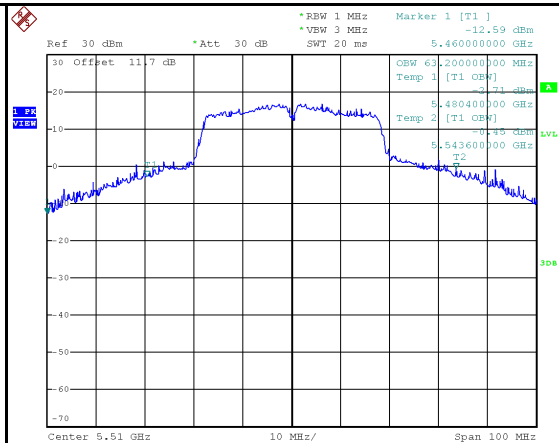


Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5510	95.79	63.20	No limit
5550	95.59	62.20	No limit
5670	95.39	64.20	No limit

5510 MHz

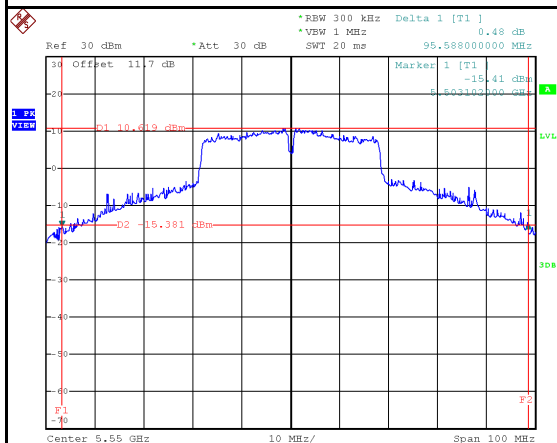


Date: 16.APR.2021 16:32:22

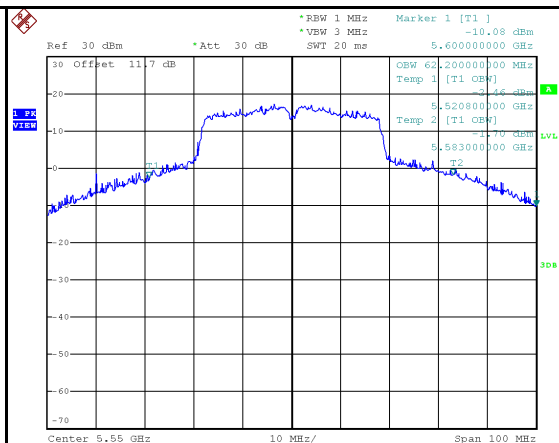


Date: 16.APR.2021 16:32:08

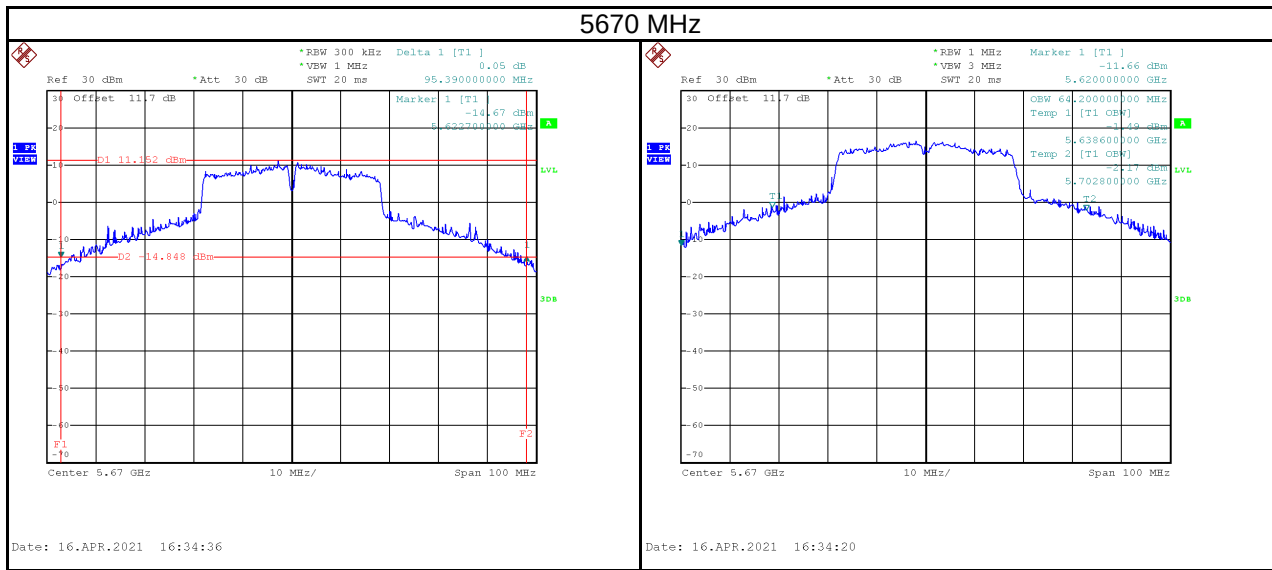
5550 MHz



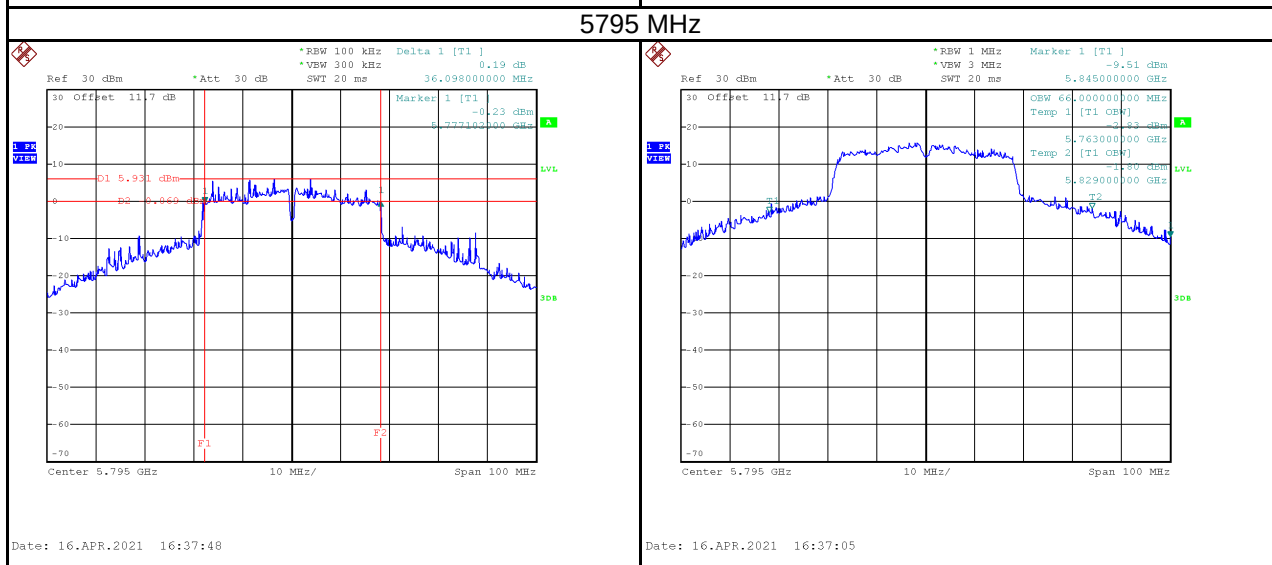
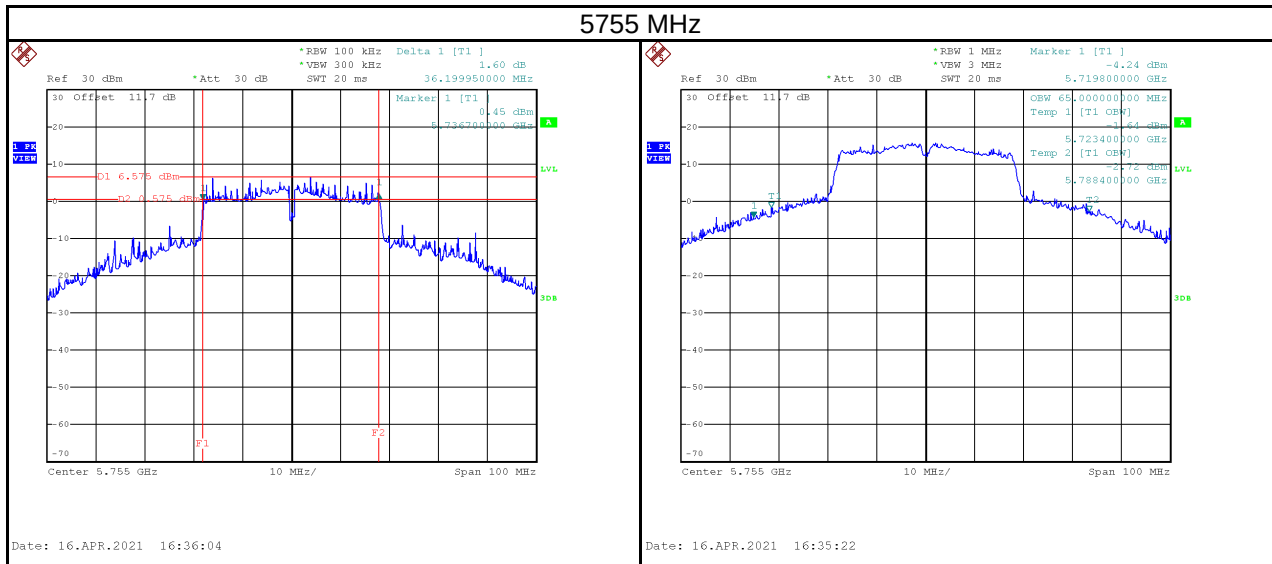
Date: 16.APR.2021 16:33:29



Date: 16.APR.2021 16:33:14

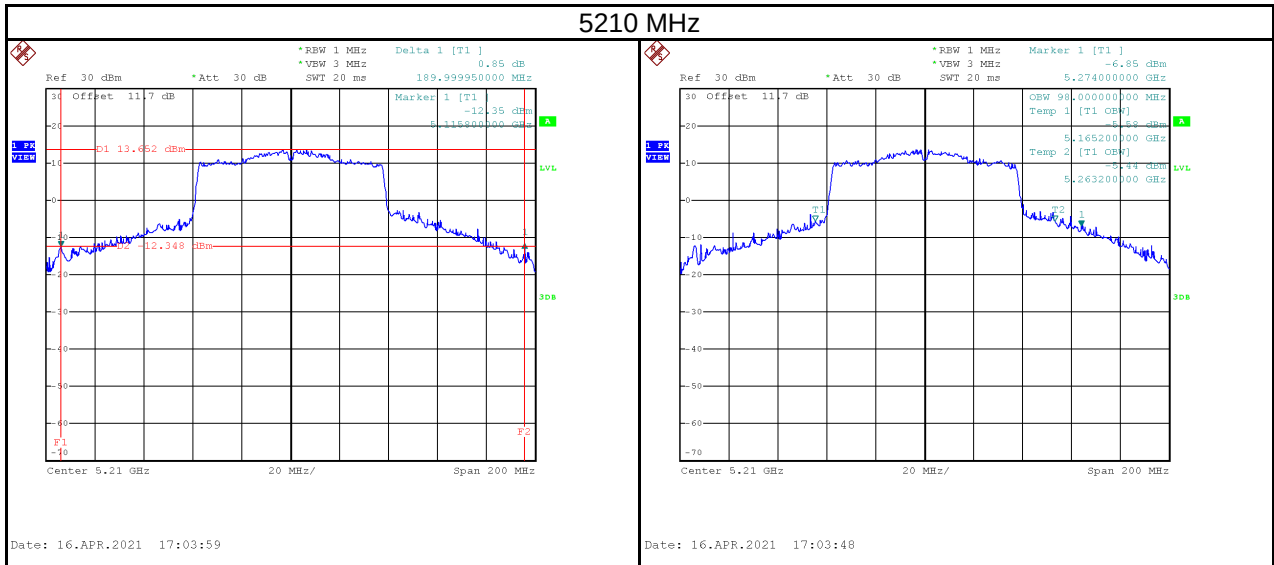


Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5755	36.20	65.00	500	Pass
5795	36.10	66.00	500	Pass

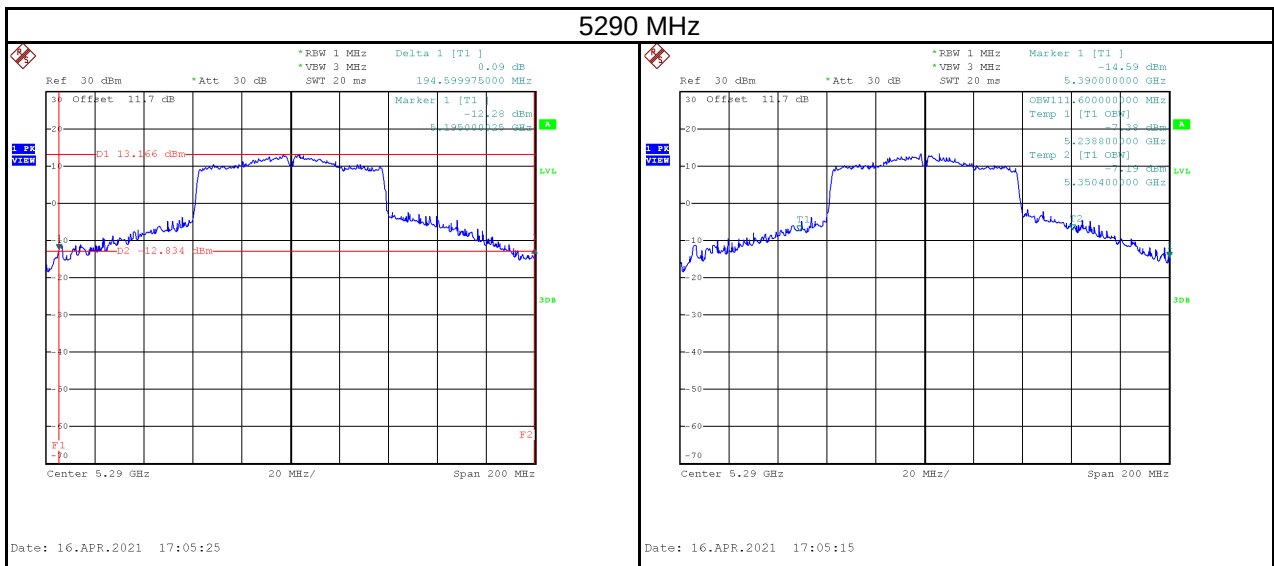


Test Mode	IEEE 802.11ac (VHT80)
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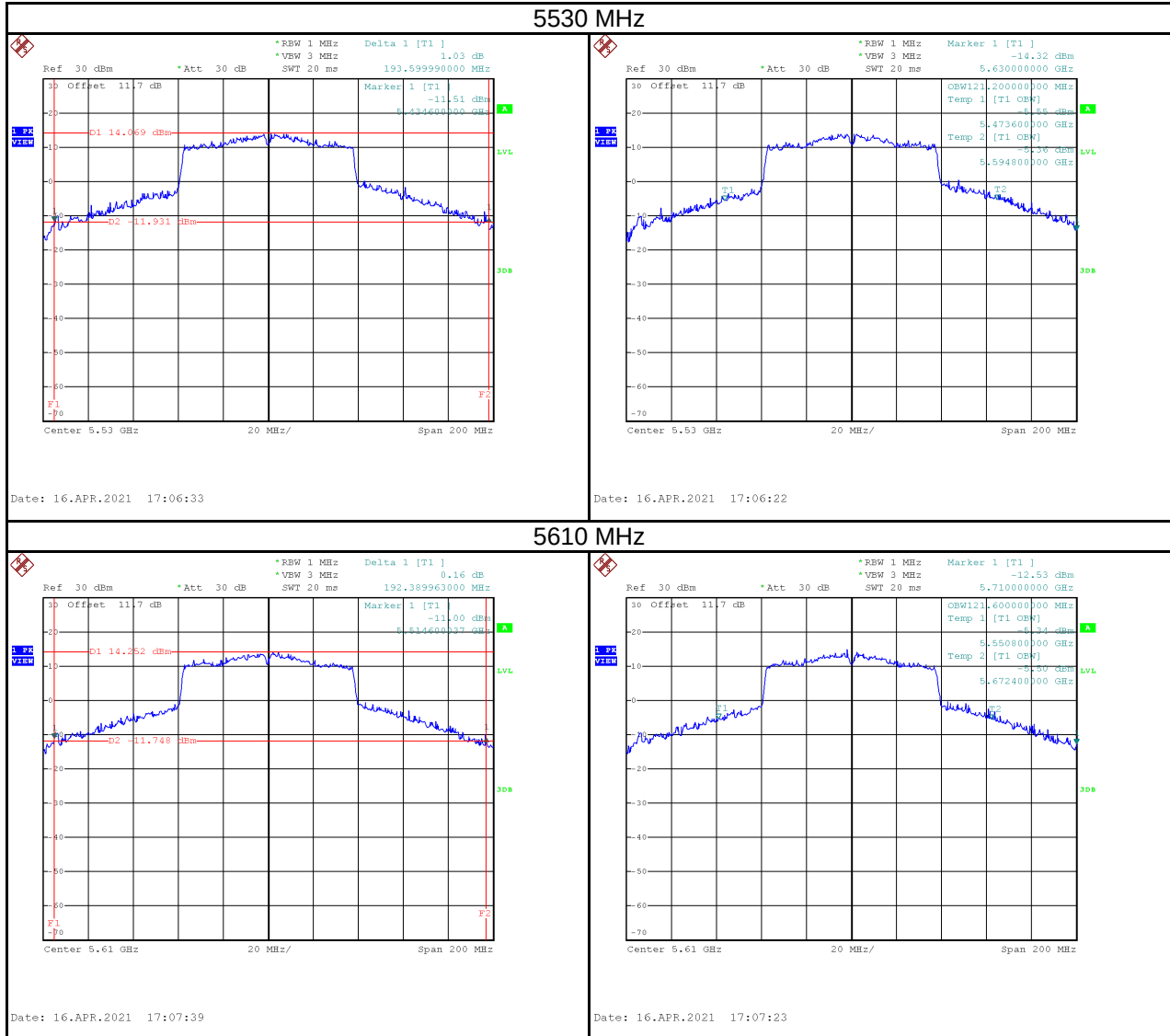
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5210	190.00	98.00	No limit



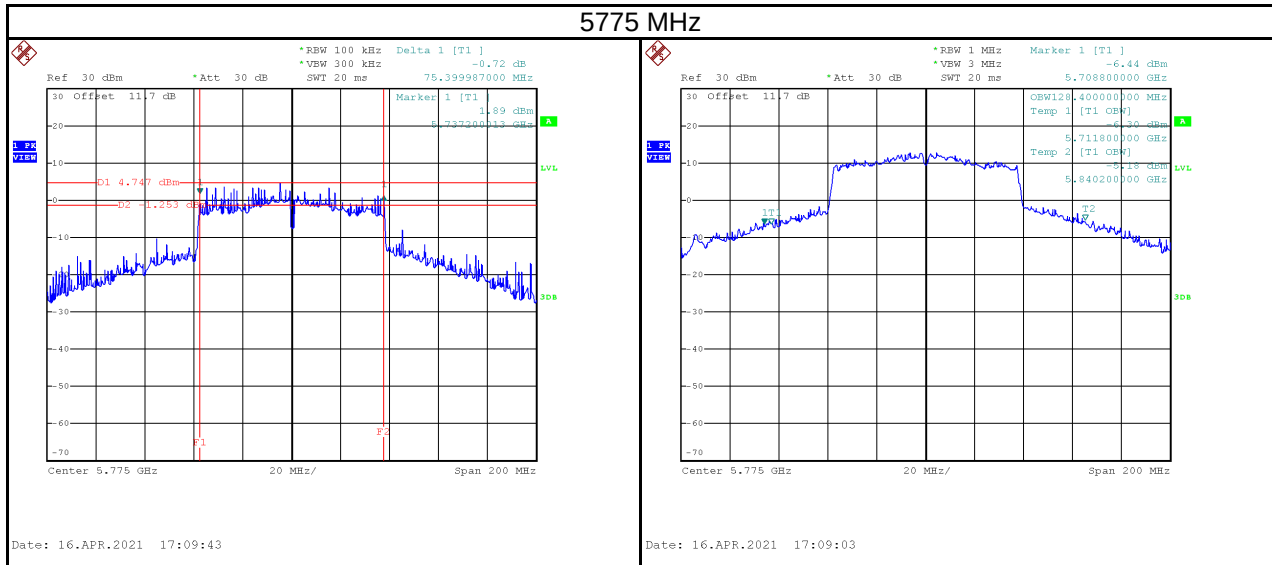
Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5290	194.60	111.60	No limit



Test Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Limit
5530	193.60	121.20	No limit
5610	192.39	121.60	No limit



Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5775	75.40	128.40	500	Pass



APPENDIX E CONDUCTED OUTPUT POWER

Test Mode	IEEE 802.11a	Tested Date	2021/4/16
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Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	14.79	0.0301	24.00	0.2512	Pass
5200	20.91	0.1233	24.00	0.2512	Pass
5240	21.30	0.1349	24.00	0.2512	Pass
5260	21.12	0.1294	24.00	0.2512	Pass
5300	21.29	0.1346	24.00	0.2512	Pass
5320	17.31	0.0538	24.00	0.2512	Pass
5500	16.45	0.0442	24.00	0.2512	Pass
5580	21.65	0.1462	24.00	0.2512	Pass
5700	13.34	0.0216	24.00	0.2512	Pass

Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	21.48	0.1406	30.00	1.0000	Pass
5785	21.38	0.1374	30.00	1.0000	Pass
5825	21.23	0.1327	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)	Tested Date	2021/4/16
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Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	14.19	0.0262	24.00	0.2512	Pass
5200	20.65	0.1161	24.00	0.2512	Pass
5240	21.18	0.1312	24.00	0.2512	Pass
5260	20.92	0.1236	24.00	0.2512	Pass
5300	21.03	0.1268	24.00	0.2512	Pass
5320	16.03	0.0401	24.00	0.2512	Pass
5500	15.16	0.0328	24.00	0.2512	Pass
5580	21.67	0.1469	24.00	0.2512	Pass
5700	13.21	0.0209	24.00	0.2512	Pass

Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	21.51	0.1416	30.00	1.0000	Pass
5785	21.35	0.1365	30.00	1.0000	Pass
5825	21.12	0.1294	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)	Tested Date	2021/4/16
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Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5190	11.26	0.0134	24.00	0.2512	Pass
5230	21.31	0.1352	24.00	0.2512	Pass
5270	16.83	0.0482	24.00	0.2512	Pass
5310	11.18	0.0131	24.00	0.2512	Pass
5510	13.34	0.0216	24.00	0.2512	Pass
5550	21.50	0.1413	24.00	0.2512	Pass
5670	14.01	0.0252	24.00	0.2512	Pass

Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	17.02	0.0504	30.00	1.0000	Pass
5795	16.98	0.0499	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT80)	Tested Date	2021/4/16
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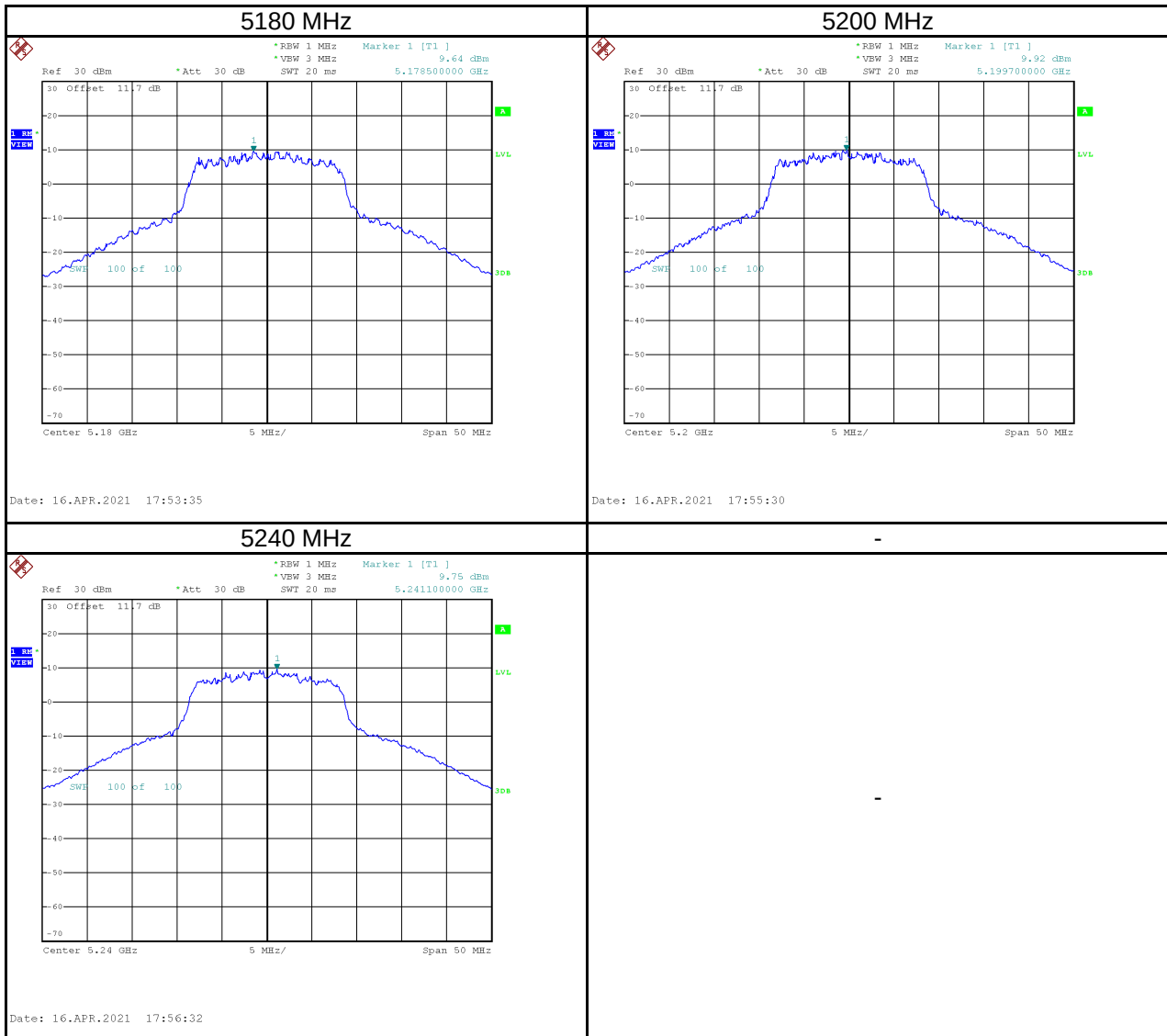
Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5210	9.46	0.0088	24.00	0.2512	Pass
5290	11.79	0.0151	24.00	0.2512	Pass
5530	12.35	0.0172	24.00	0.2512	Pass
5610	12.41	0.0174	24.00	0.2512	Pass

Test Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5775	16.95	0.0495	30.00	1.0000	Pass

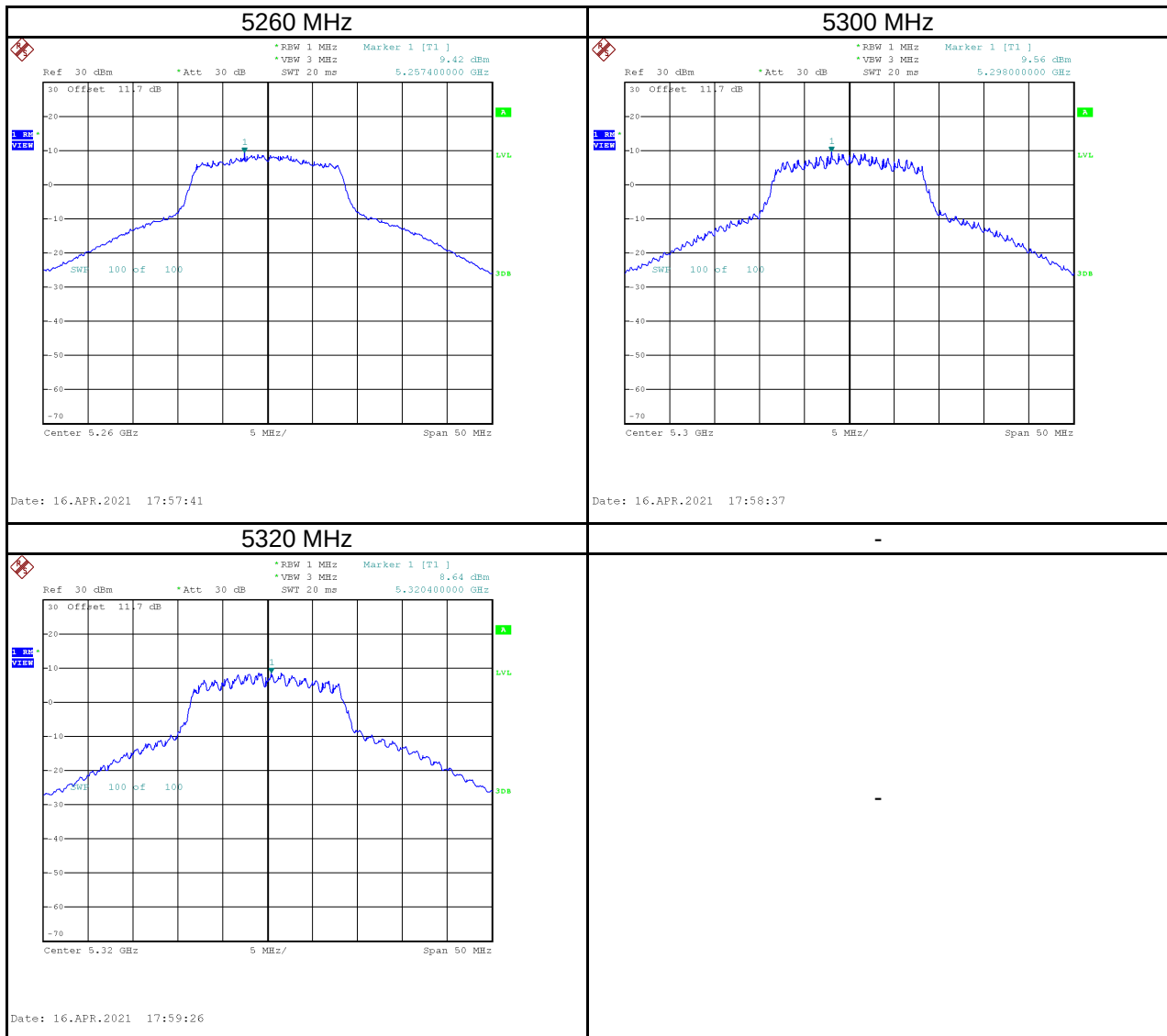
APPENDIX F POWER SPECTRAL DENSITY

Test Mode	IEEE 802.11a
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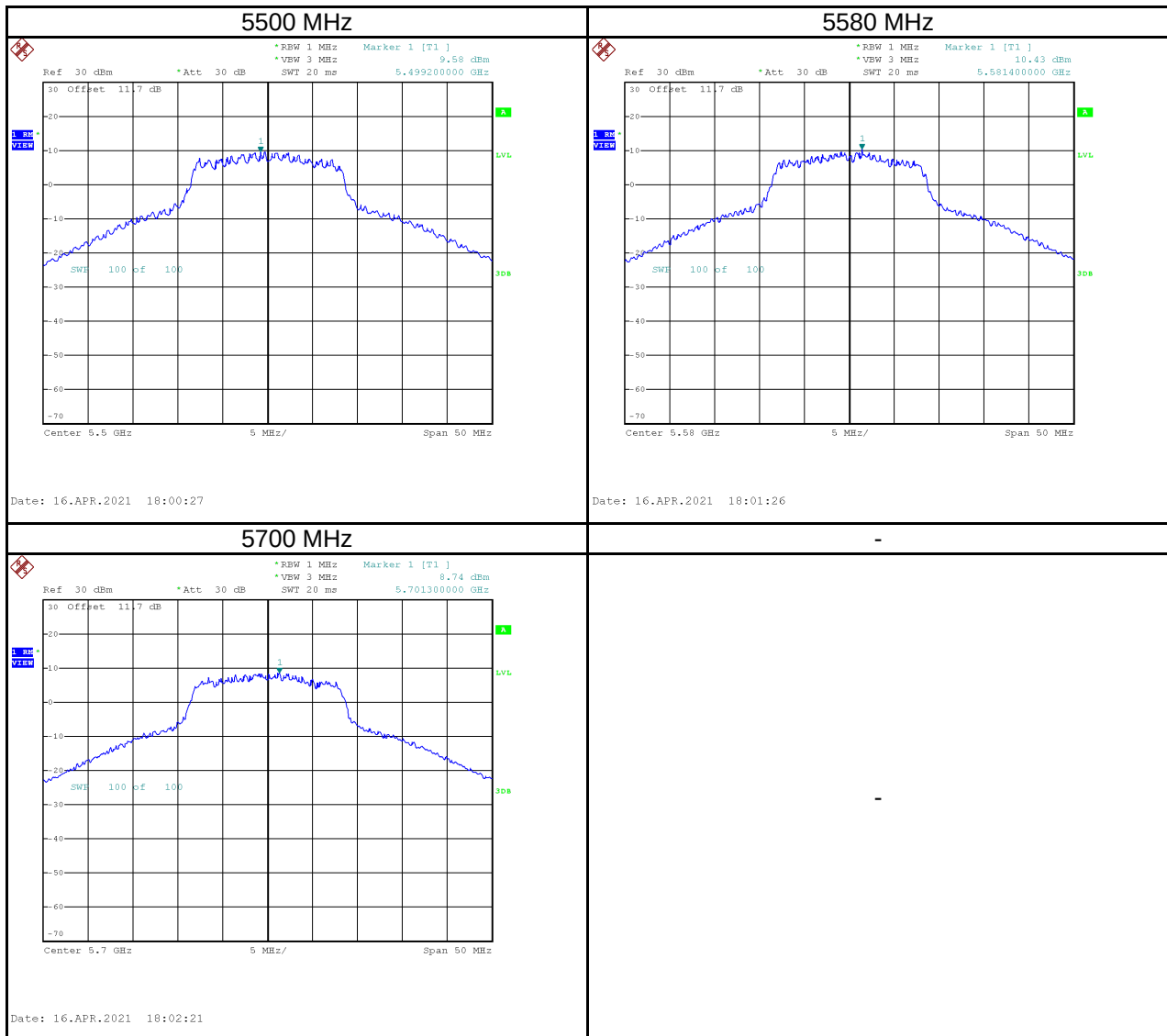
Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5180	9.64	0.30	9.94	17.00	Pass
5200	9.92	0.30	10.22	17.00	Pass
5240	9.75	0.30	10.05	17.00	Pass



Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5260	9.42	0.30	9.72	11.00	Pass
5300	9.56	0.30	9.86	11.00	Pass
5320	8.64	0.30	8.94	11.00	Pass

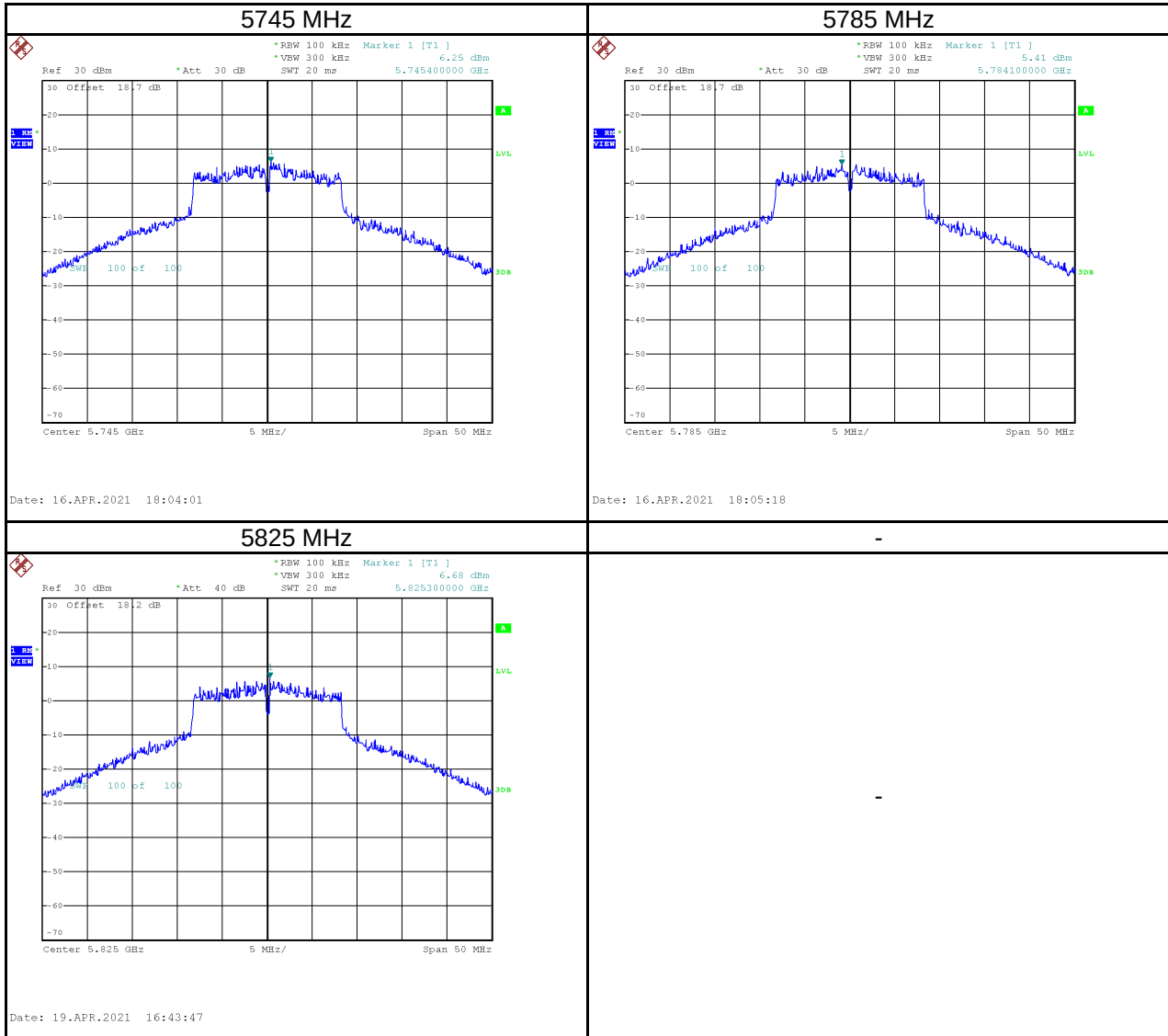


Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5500	9.58	0.30	9.88	11.00	Pass
5580	10.43	0.30	10.73	11.00	Pass
5700	8.74	0.30	9.04	11.00	Pass



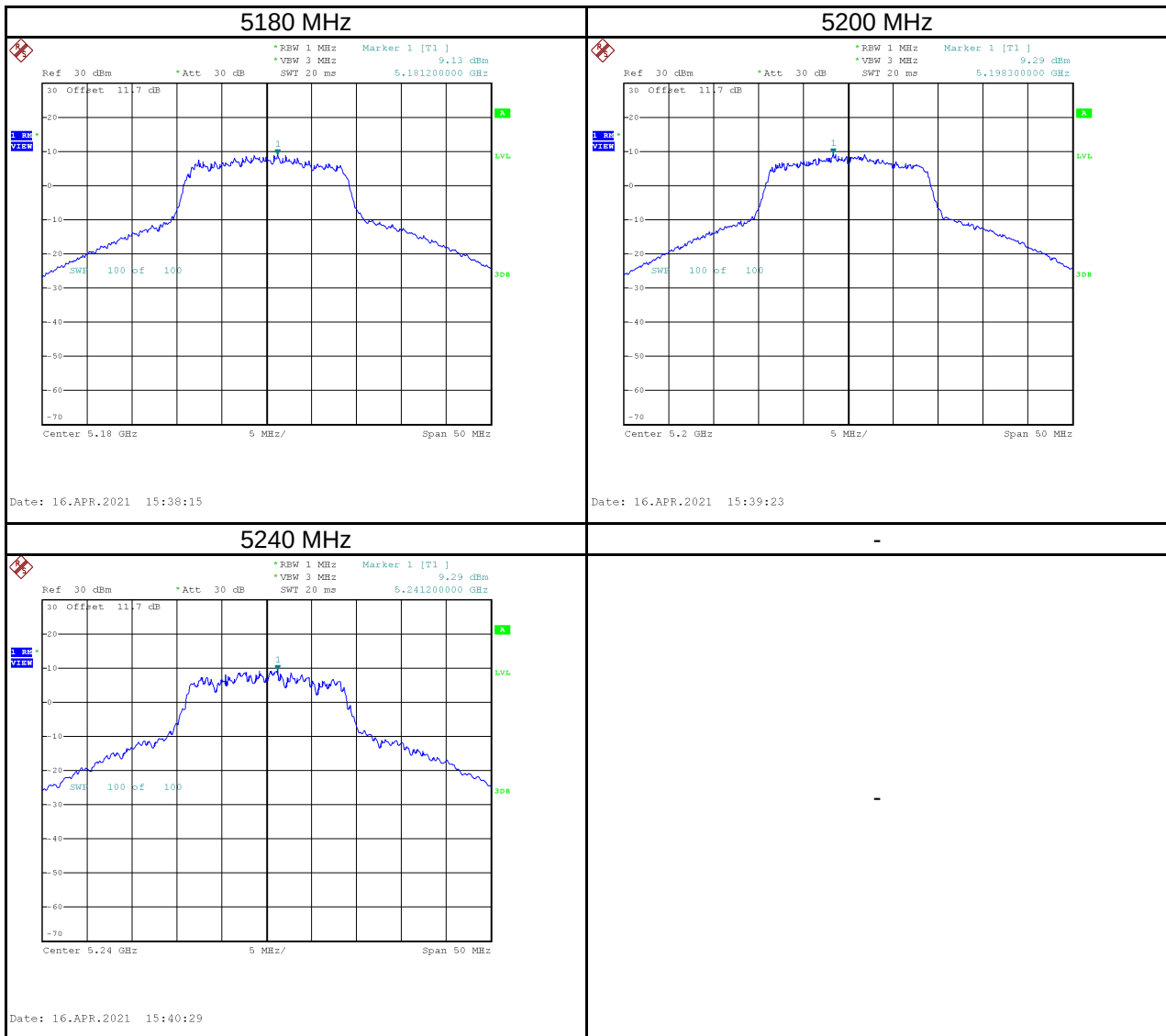
Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	6.25	13.24	0.30	13.54	30.00	Pass
5785	5.41	12.40	0.30	12.70	30.00	Pass
5825	6.68	13.67	0.30	13.97	30.00	Pass

NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log_{10}(500\text{ kHz} / 100\text{ kHz})$

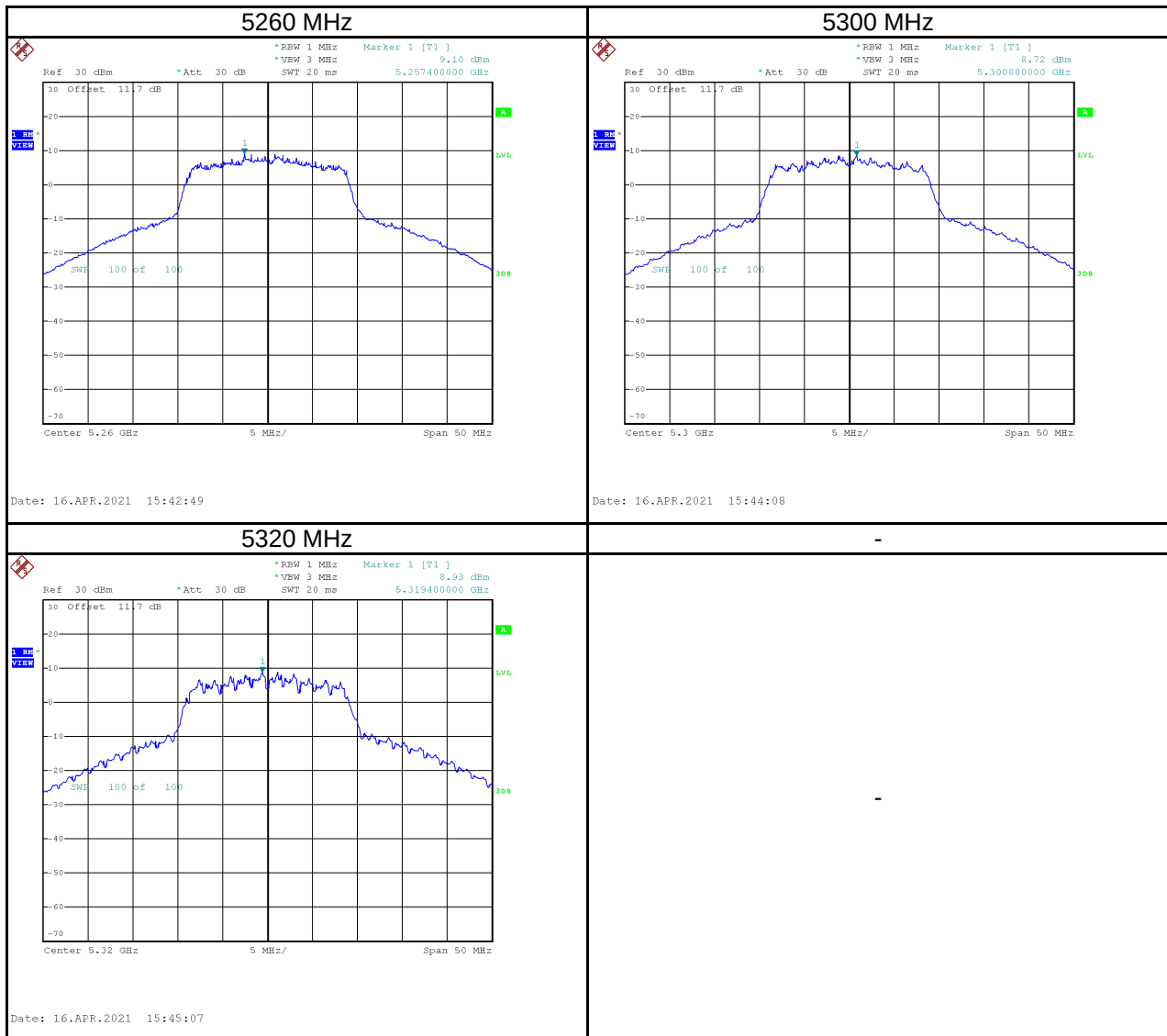


Test Mode	IEEE 802.11n (HT20)
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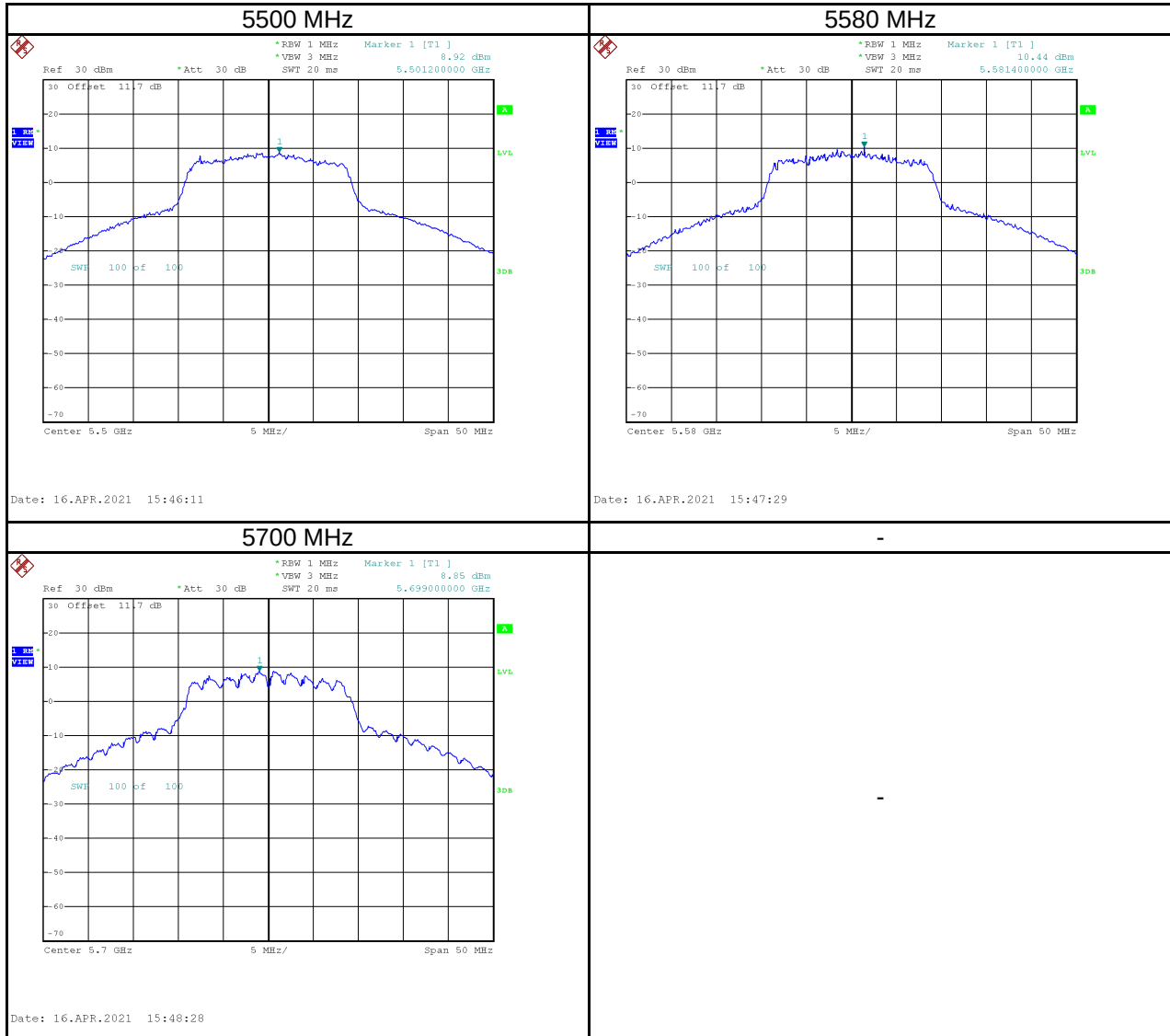
Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5180	9.13	0.33	9.46	17.00	Pass
5200	9.29	0.33	9.62	17.00	Pass
5240	9.29	0.33	9.62	17.00	Pass



Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5260	9.10	0.33	9.43	11.00	Pass
5300	8.72	0.33	9.05	11.00	Pass
5320	8.93	0.33	9.26	11.00	Pass

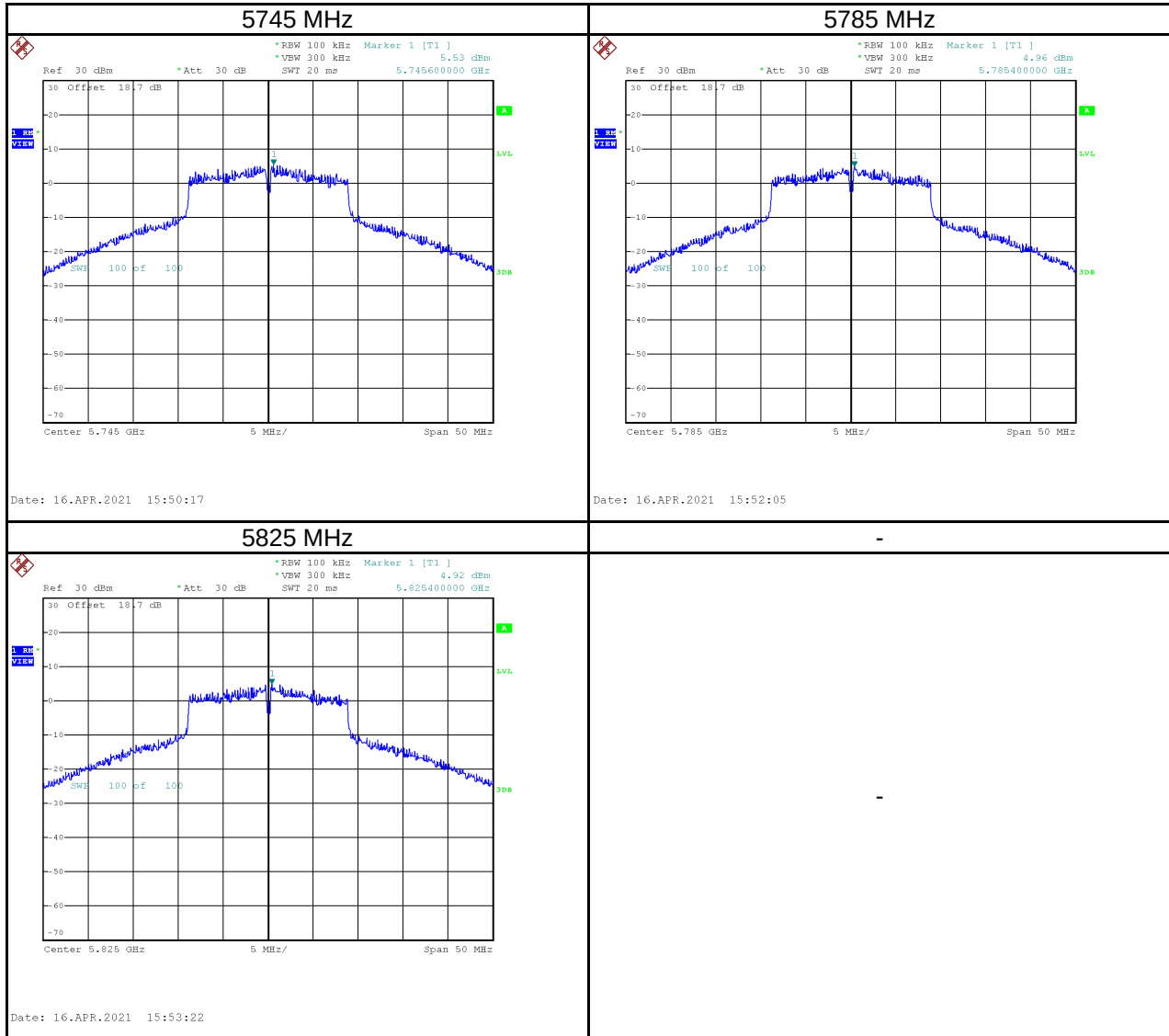


Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5500	8.92	0.33	9.25	11.00	Pass
5580	10.44	0.33	10.77	11.00	Pass
5700	8.85	0.33	9.18	11.00	Pass



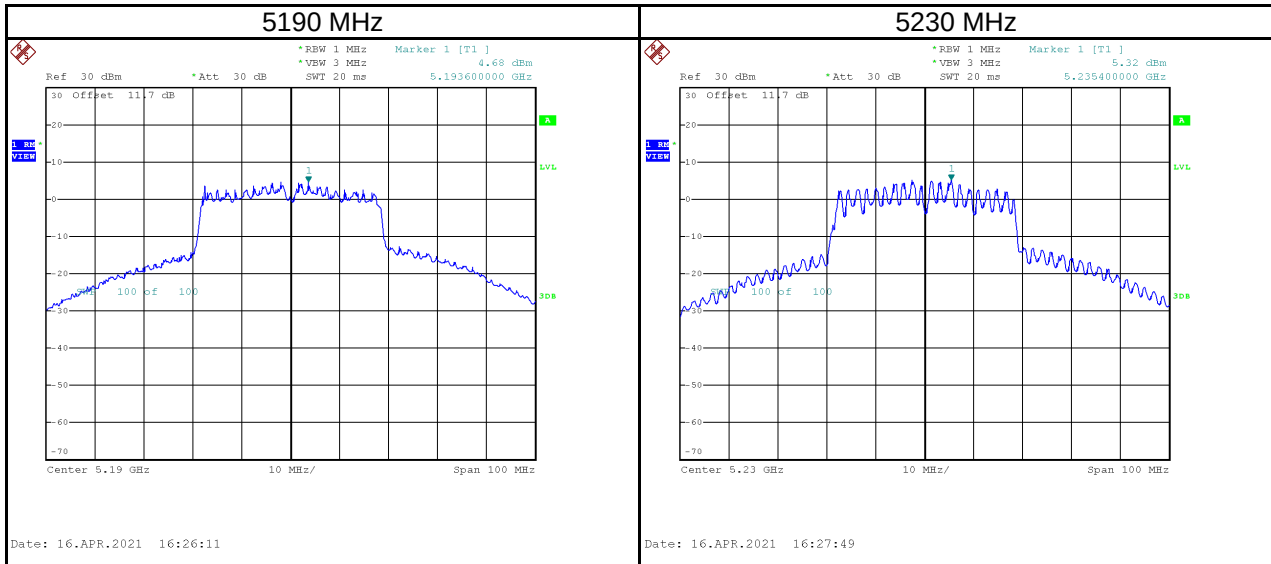
Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	5.53	12.52	0.33	12.85	30.00	Pass
5785	4.96	11.95	0.33	12.28	30.00	Pass
5825	4.92	11.91	0.33	12.24	30.00	Pass

NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log_{10}(500\text{ kHz} / 100\text{ kHz})$

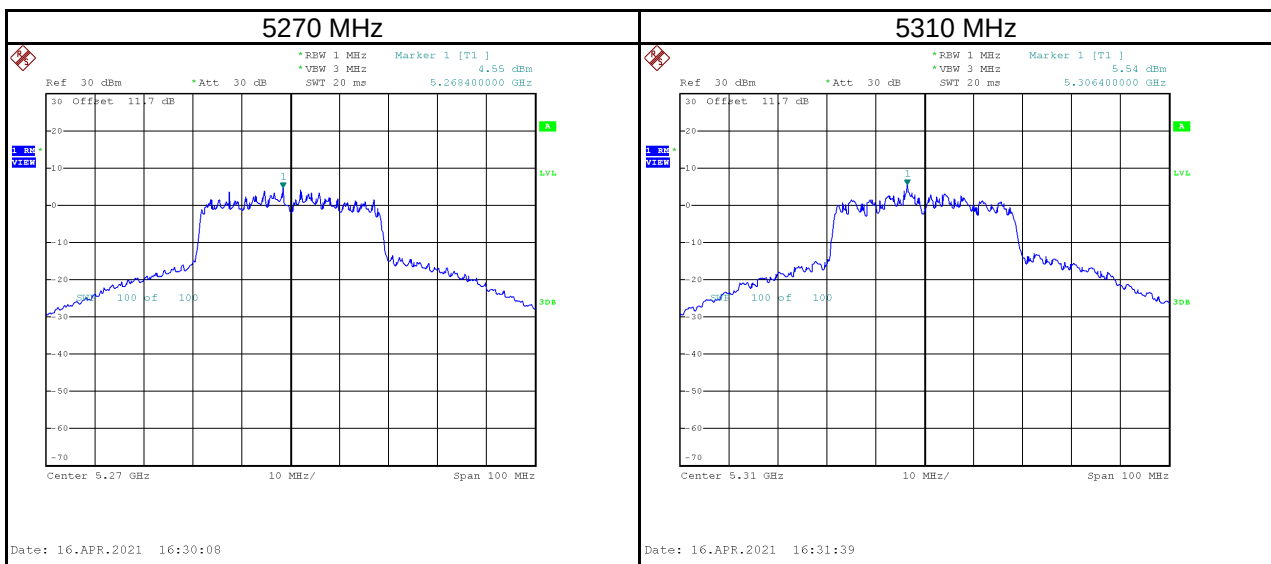


Test Mode	IEEE 802.11n (HT40)
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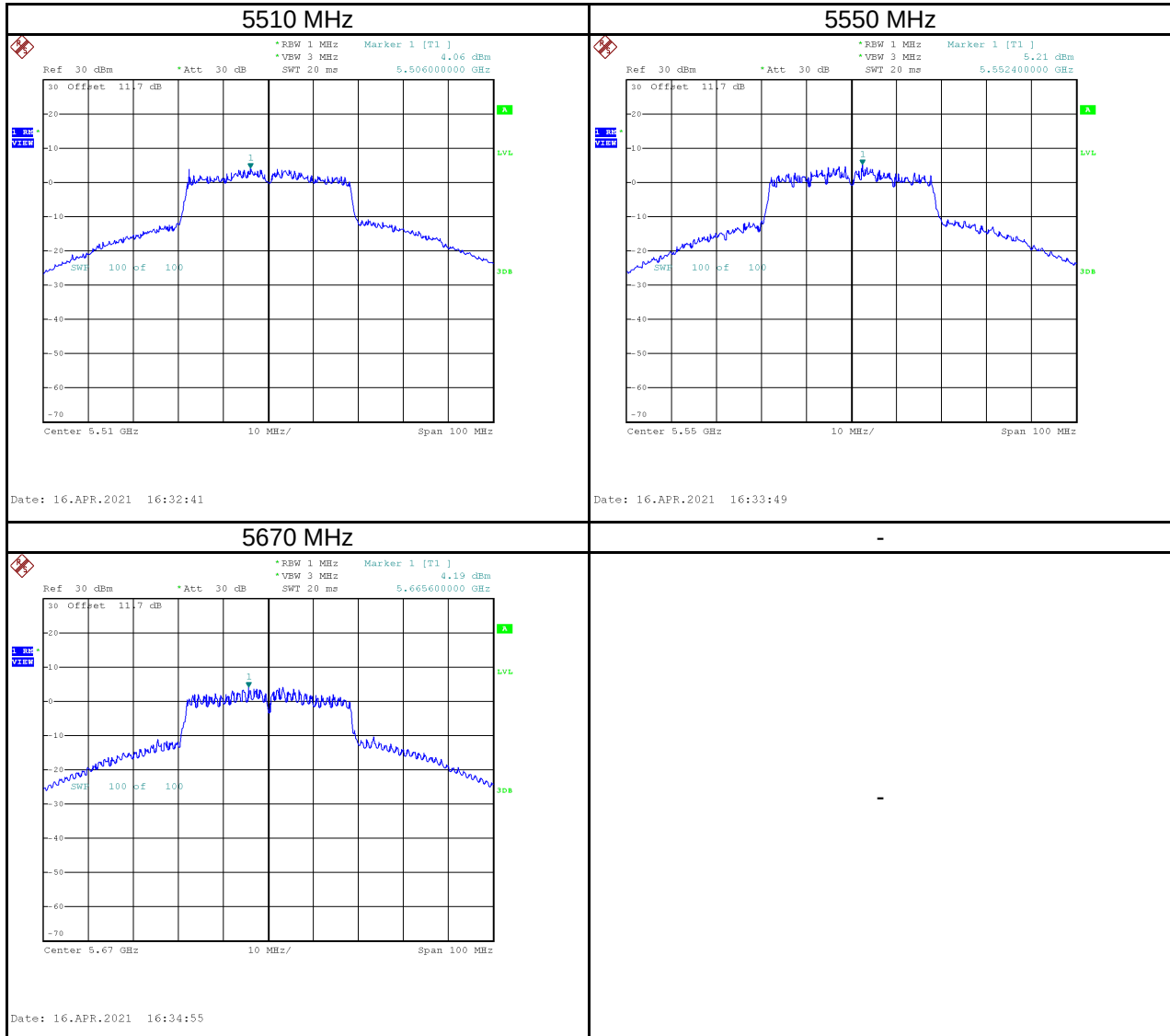
Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5190	4.68	0.65	5.33	17.00	Pass
5230	5.32	0.65	5.97	17.00	Pass



Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5270	4.55	0.65	5.20	11.00	Pass
5310	5.54	0.65	6.19	11.00	Pass

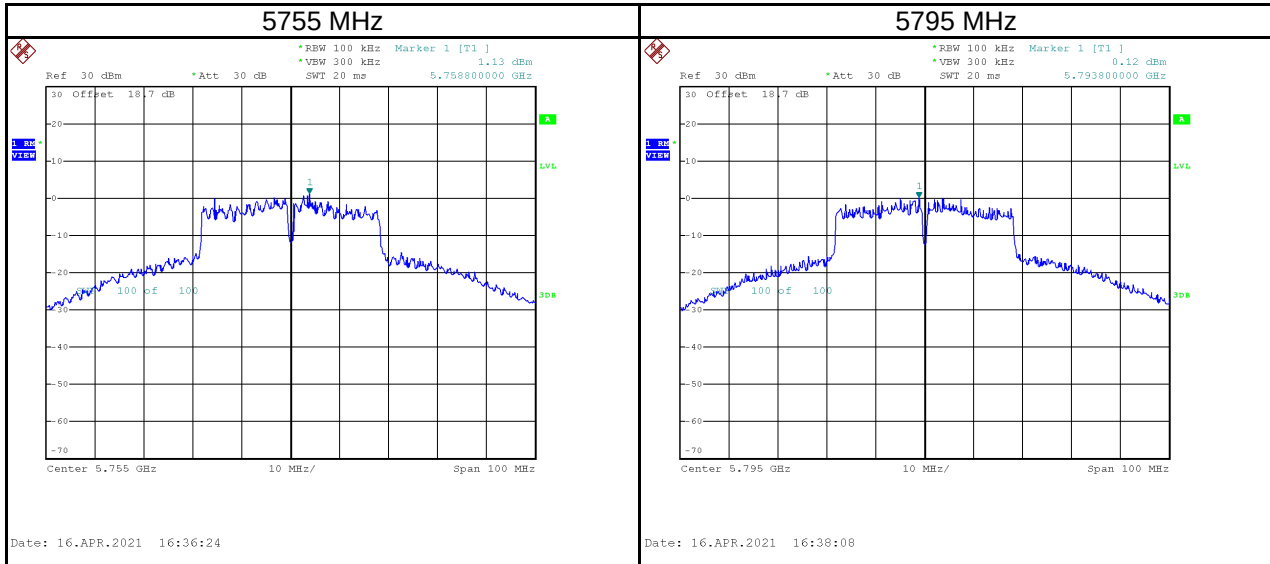


Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5510	4.06	0.65	4.71	11.00	Pass
5550	5.21	0.65	5.86	11.00	Pass
5670	4.19	0.65	4.84	11.00	Pass



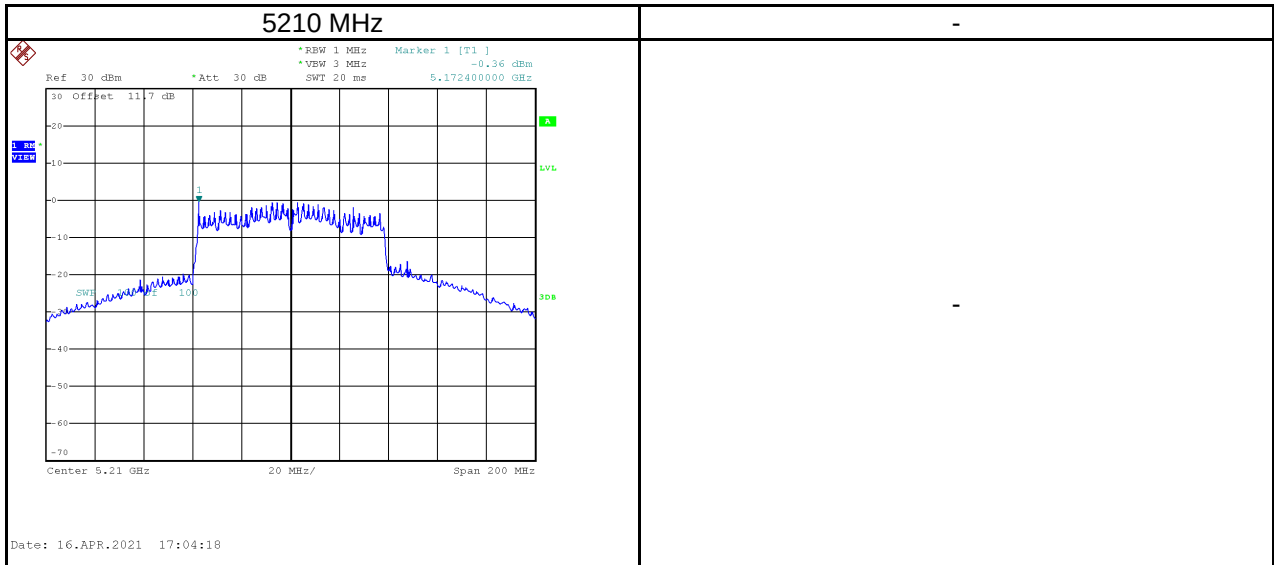
Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5755	1.13	8.12	0.65	8.77	30.00	Pass
5795	0.12	7.11	0.65	7.76	30.00	Pass

NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log_{10}(500\text{ kHz} / 100\text{ kHz})$

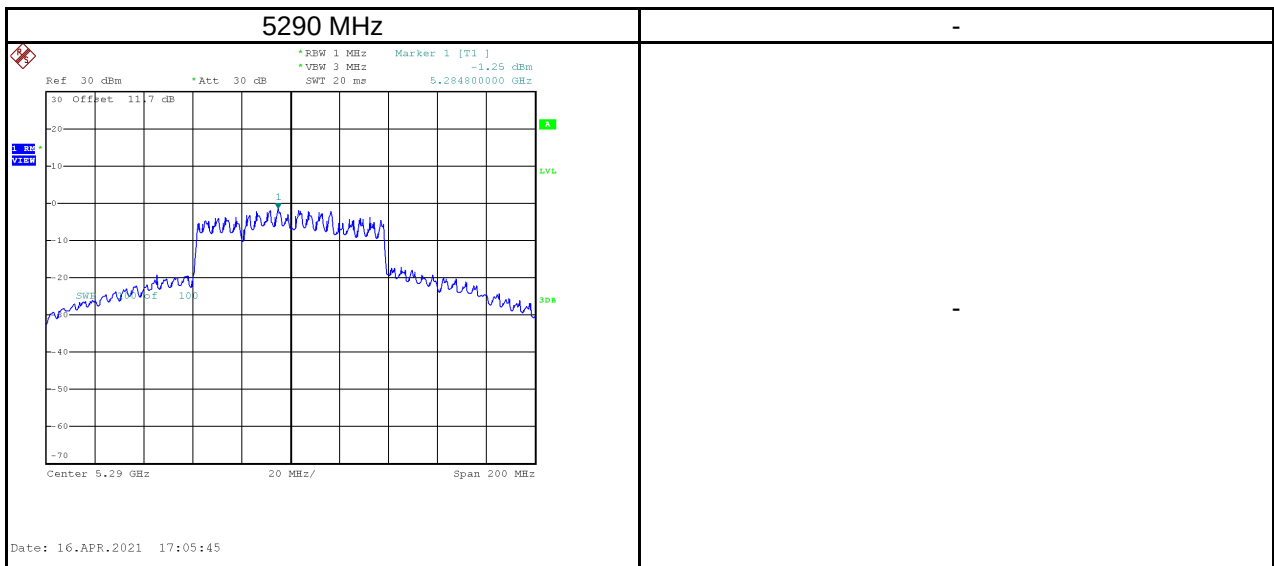


Test Mode	IEEE 802.11ac (VHT80)
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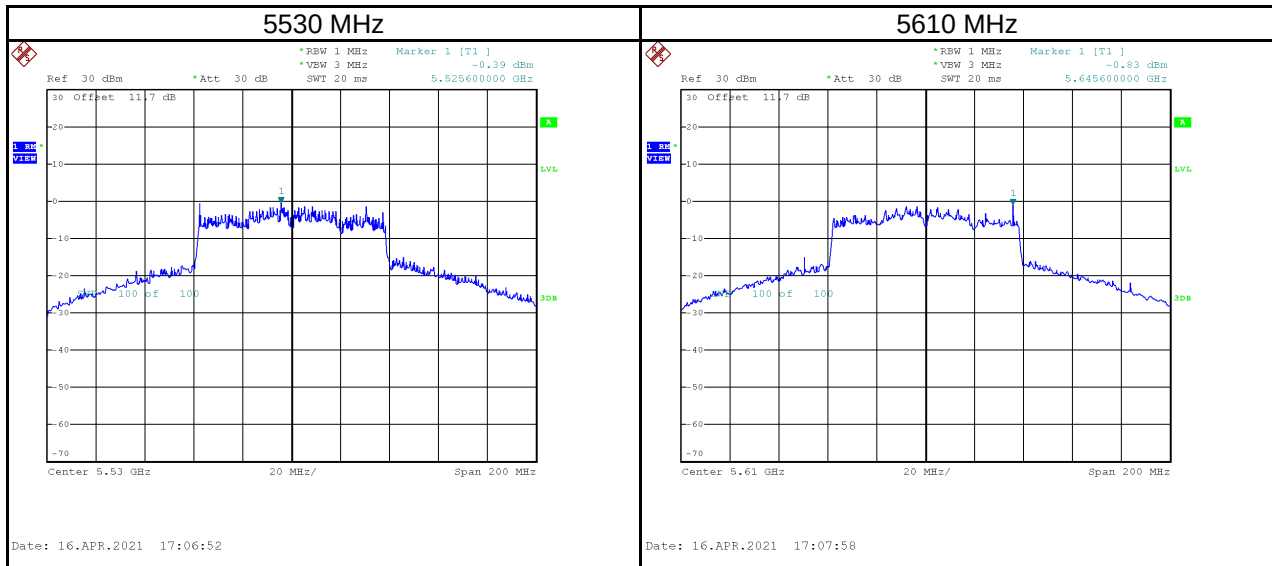
Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5210	-0.36	1.22	0.86	17.00	Pass



Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5290	-1.25	1.22	-0.03	11.00	Pass

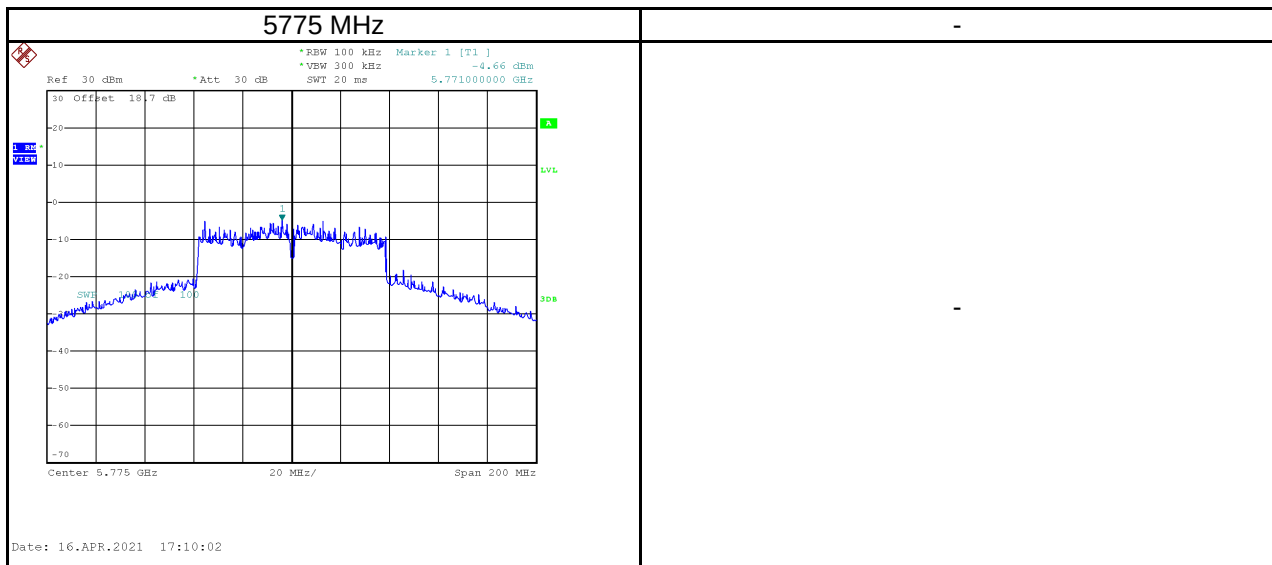


Test Frequency (MHz)	Power Density (dBm/MHz)	Duty Factor (dB)	Calculated Power Density (dBm/MHz)	Maximum Limit (dBm/MHz)	Result
5530	-0.39	1.22	0.83	11.00	Pass
5610	-0.83	1.22	0.39	11.00	Pass



Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5775	-4.66	2.33	1.22	3.55	30.00	Pass

NOTE: $PSD_{dBm/500\text{ kHz}} = PSD_{dBm/100\text{ kHz}} + 10 \times \log_{10}(500\text{ kHz} / 100\text{ kHz})$



End of Test Report