FCC Radio Test Report

FCC ID: IR5DK13

Report No.	:	BTL-FCCP-4-2004T174
Equipment	:	Tablet Computer
Model Name	:	DK13
Brand Name	:	MilDef Crete Inc.
Applicant	:	MilDef Crete Inc.
Address	:	7F, No. 250, Sec.3, Peishen Rd., Shenkeng District, New Taipei City, Taiwan
Radio Function	:	RLAN 5 GHz (U-NII 1)
FCC Rule Part(s)	:	FCC Part15, Subpart E (15.407)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2020/4/30
Date of Test	:	2020/4/30 ~ 2020/5/25
Issued Date	:	2020/6/12

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

Prepared by : Peter Chen, Engineer

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Declaration

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

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

The report must not be used by the client to claim product certification, approval, or endorsement by NIST, A2LA, or any agency of the U.S. Government.

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

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

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

Limitation

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

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

CONTENTS

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	2020/6/12

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)	Output Power	APPENDIX D	Pass	------

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
(3) The report format version is TP.1.1.1.
(4) The Equipment under test (EUT) is the Tablet Computer, FCC ID: IR5DK13. The test data contained in this report pertains only to the emission due to the EUT's transmitter. For other test data can be refer report No.: 170524-01.TR09 (This FCC ID is change ID based on Intel Corporation, the original application information follow as model: 9260NGW, FCC ID: PD99260NG, approved on 07/24/2017)
(5) After spot check, this revision does not change original radio parameters.

1.1 TEST FACILITY

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

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
The test sites and facilities are covered under FCC RN: 674415 and DN: TW0659.

☒ C05 ☐ CB08 ☐ CB11 ☒ CB15 ☐ CB16
☒ SR06

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **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. Field Strength of Spurious Radiation test :

Test Site	Measurement Frequency Range	U,(dB)
CB15	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

C. Conducted test :

Test Item	U,(dB)
Output power	1.07

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	25 °C, 61 %	AC 120V	William Wei
Radiated emissions below 1 GHz	22 °C, 65 %	AC 120V	Hunter Chiang
Radiated emissions above 1 GHz	22 °C, 65 %	AC 120V	Hunter Chiang
Output Power	24.2 °C, 54 %	AC 120V	Tim Lee

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Tablet Computer
Model Name	DK13
Brand Name	MilDef Crete Inc.
Model Difference	N/A
Power Source	# 1 Supplied from Li-Ion Rechargeable Battery Pack. # 2 DC voltage supplied from External Power Supply.
Power Rating	# 1 DC10.8V, 8700mAh, 94Wh # 2 Input: 100-240V~50-60Hz 1.2A MAX., Output: 19VDC, 4.7A
Products Covered	1 * Adapter: PHIHONG / ATS090-P190 1 * Module: Intel / 9260NGW 1 * Li-Ion Rechargeable Battery Pack: BD73C
Operation Frequency	UNII-1: 5180 MHz to 5240 MHz
Modulation Technology	OFDM
Transfer Rate	up to 866.7 Mbps
Output Power Max.	IEEE 802.11a: 18.58 dBm (0.0721 W) IEEE 802.11n (HT20): 11.37 dBm (0.0137 W) IEEE 802.11n (HT40): 11.31 dBm (0.0135 W) IEEE 802.11ac (VHT80): 11.40 dBm (0.0138 W) IEEE 802.11ac (VHT160): 11.35 dBm (0.0136 W)
Test Model	DK13
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:

UNII-1					
IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11ac (VHT160)	
Channel	Frequency (MHz)
50	5250

(3) Table for Filed Antenna:

Ant.	Brand	Model	Type	Connector	Frequency Range (MHz)	Gain (dBi)
Main	MilDef Crete Inc.	DK13	PIFA Antenna	I-PEX	2400-2500	2.9
					5150-5250	3.2
Aux	MilDef Crete Inc.	DK13	PIFA Antenna	I-PEX	2400-2500	3.01
					5150-5250	3.66

(4) Antenna configuration

Operating Mode / TX Mode	1TX	2TX
802.11a	V (Main/ Aux)	-
IEEE 802.11n (HT20)	V (Main/ Aux)	V (Main + Aux)
IEEE 802.11n (HT40)	V (Main/ Aux)	V (Main + Aux)
IEEE 802.11ac (VHT80)	V (Main/ Aux)	V (Main + Aux)
IEEE 802.11ac (VHT160)	V (Main/ Aux)	V (Main + Aux)

2.2 TEST MODES

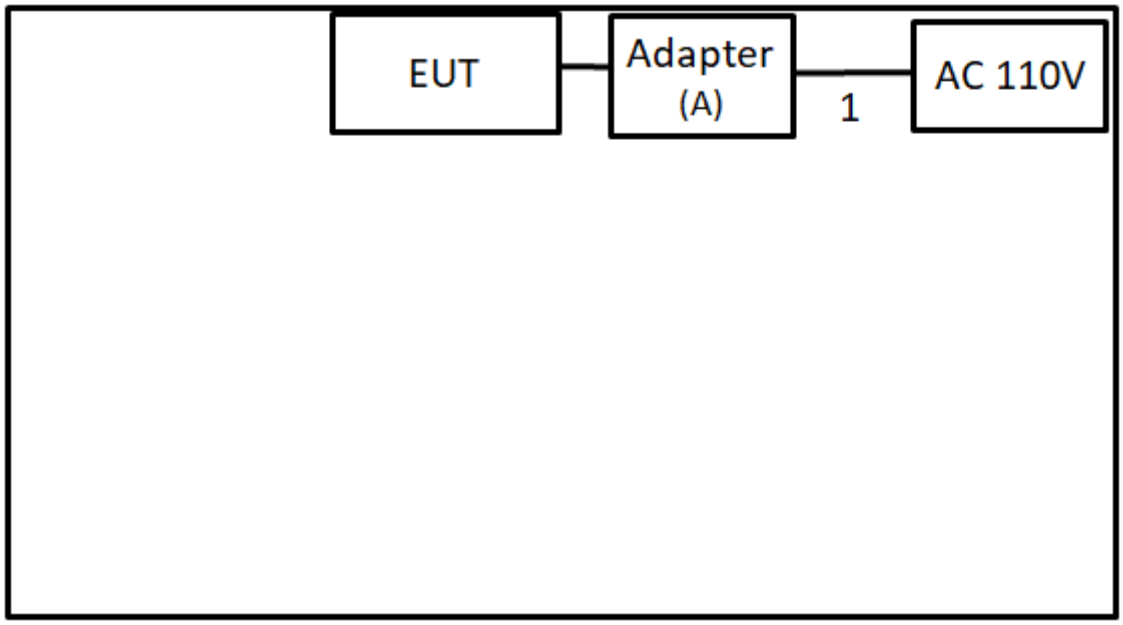
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11n (HT20)	48	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11a	36/48	Bandedge
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (VHT40)	38/46	
	TX Mode_IEEE 802.11ac (VHT80)	42	
	TX Mode_IEEE 802.11ac (VHT160)	50	
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11a	36/40/48	Harmonic
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (VHT40)	38/46	
	TX Mode_IEEE 802.11ac (VHT80)	42	
	TX Mode_IEEE 802.11ac (VHT160)	50	
Output Power	TX Mode_IEEE 802.11a	36/40/48	-
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (HT40)	38/46	
	TX Mode_IEEE 802.11ac (VHT80)	42	
	TX Mode_IEEE 802.11ac (VHT160)	50	

NOTE:
(1) The Radiated emissions test was verified based on the worst conducted power and Bandwidth test results reported in the original report.
(2) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
(3) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.
(4) There were no emissions found below 30 MHz within 20 dB of the limit.

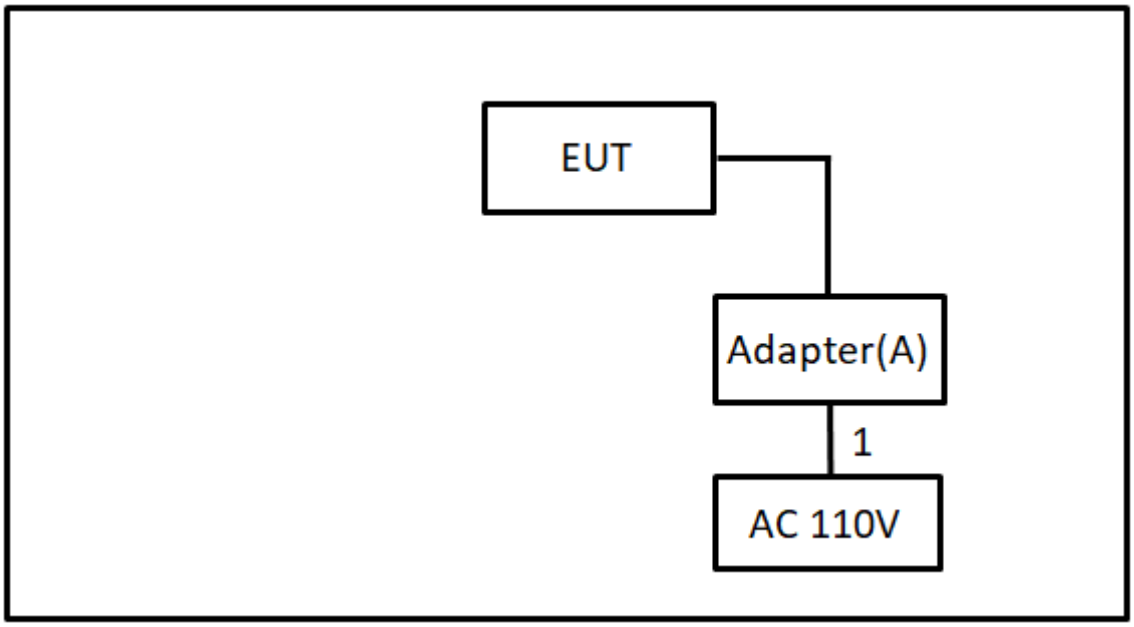
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC Power Line Conducted Emissions Test



Radiated Emissions Test



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	PHIHONG	ATS090-P190	N/A	Supplied by test requester.

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

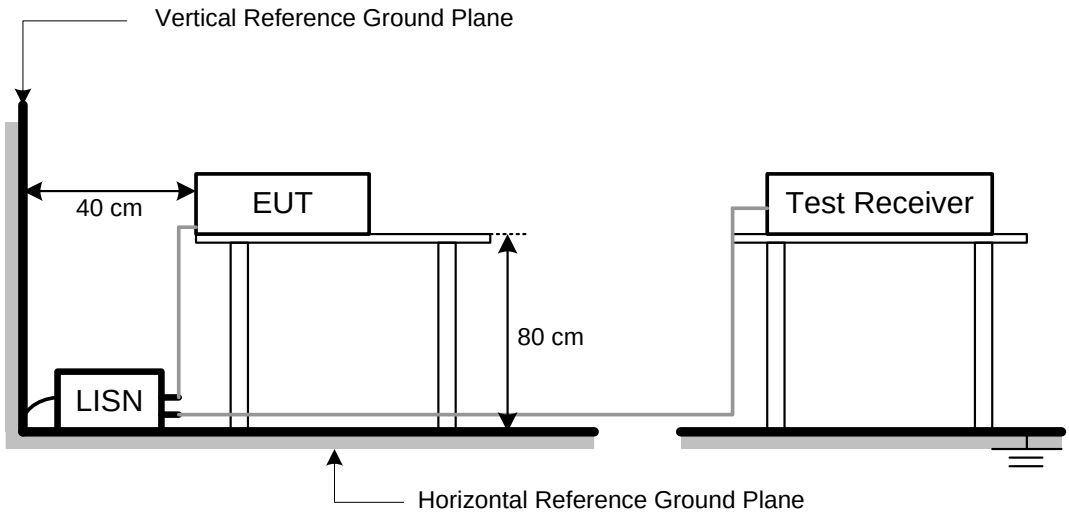
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
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:

$$E = \frac{1000000\sqrt{30P}}{3}$$ μV/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
19.11	+	2.11	=	21.22

Measurement Value		Limit Value		Margin Level
21.22	-	68.3	=	-47.08

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

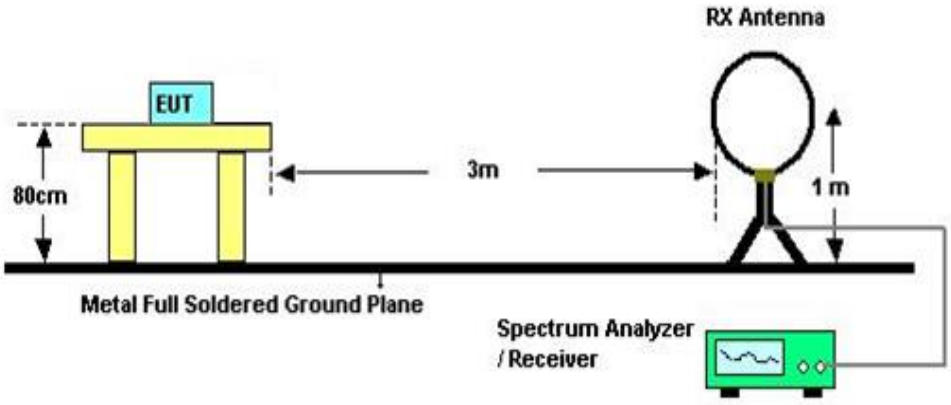
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance 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)
c. 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.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

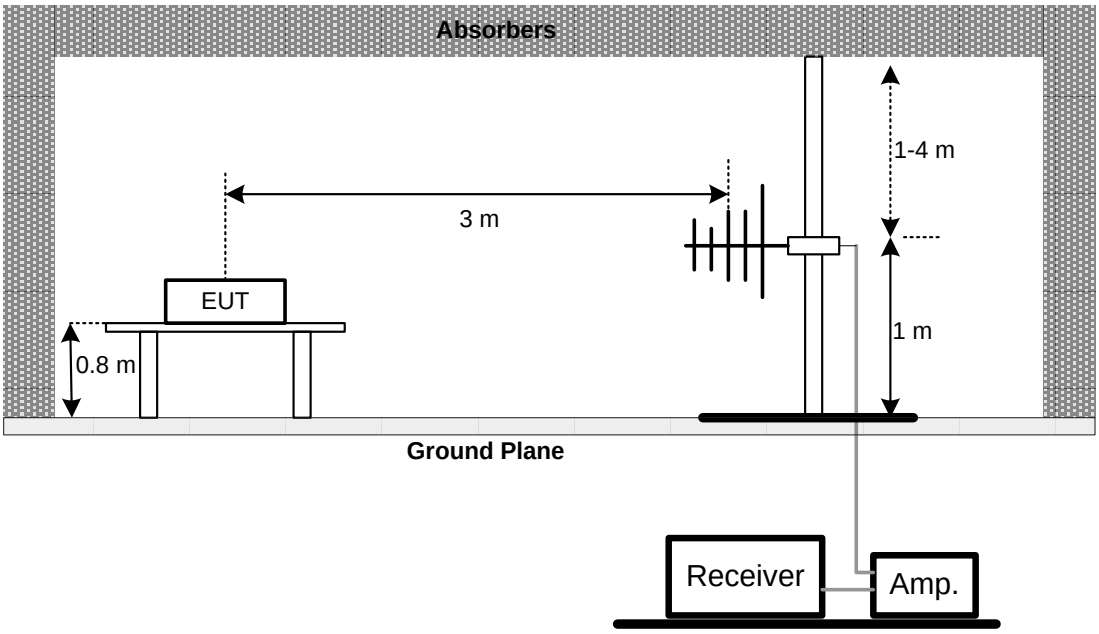
No deviation.

4.4 TEST SETUP

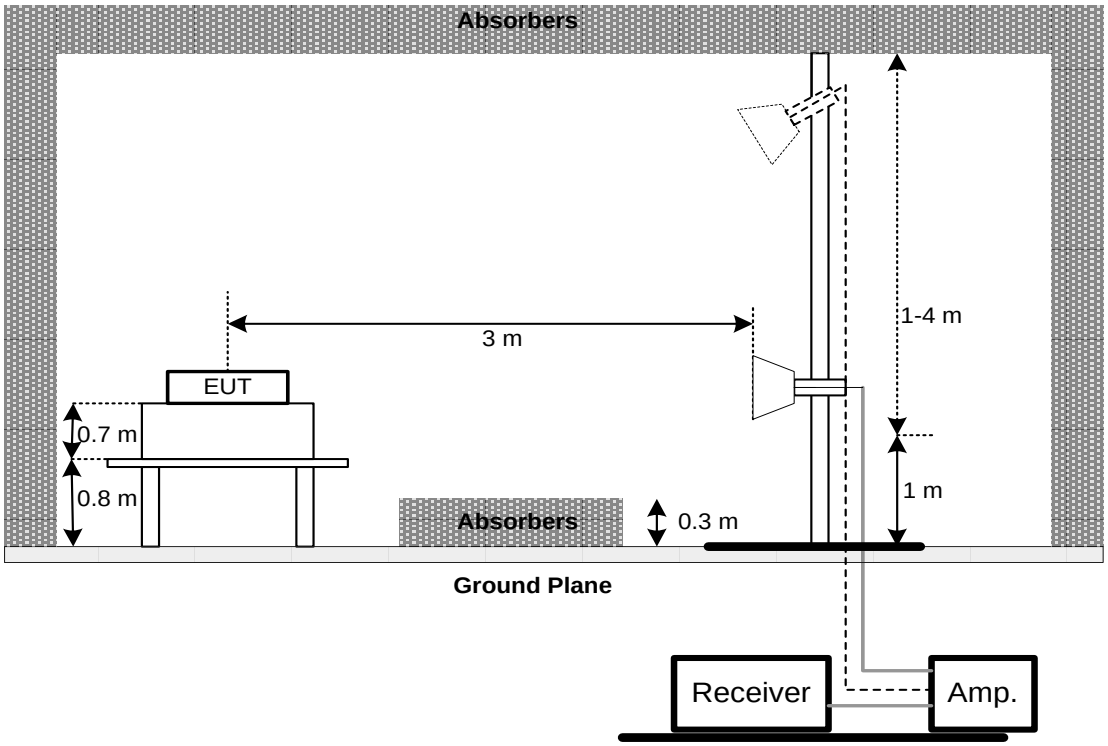
9 kHz to 30 MHz



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 – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 OUTPUT POWER TEST

5.1 LIMIT

FCC Part15, Subpart 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).			

5.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. Spectrum Setting:

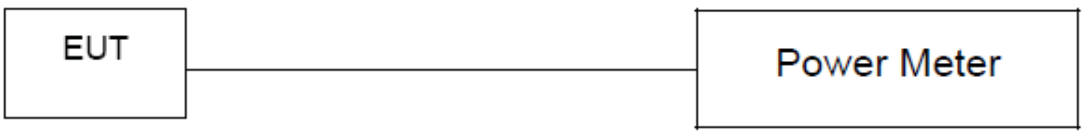
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz
VBW	≥ 3 MHz
Detector	RMS
Trace	Max Hold
Sweep Time	auto

c. The maximum peak conducted output power was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	2019/6/21	2020/6/20
2	Test Cable	EMCI	EMCCFD300-BM-BMR-6000	170715	2019/8/7	2020/8/6
3	EMI Test Receiver	R&S	ESR7	101433	2019/12/11	2020/12/9
4	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC001340	980555	2020/4/10	2021/4/9
2	Preamplifier	EMCI	EMC02325B	980217	2020/4/10	2021/4/9
3	Preamplifier	EMCI	EMC012645B	980267	2020/4/10	2021/4/9
4	Preamplifier	EMCI	EMC2654045	980030	2020/1/31	2021/1/30
5	Test Cable	EMCI	EMC104-SM-SM-800	150207	2020/4/10	2021/4/9
6	Test Cable	EMCI	EMC104-SM-SM-3000	151205	2020/4/10	2021/4/9
7	Test Cable	EMCI	EMC-SM-SM-7000	180408	2020/4/10	2021/4/9
8	MXE EMI Receiver	Agilent	N9038A	MY55420127	2020/3/24	2021/3/23
9	Signal Analyzer	Agilent	N9010A	MY56480554	2019/6/6	2020/6/5
10	Loop Ant	EMCO	EMCI-LPA600	274	2019/5/31	2020/5/30
11	Horm Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	2019/6/10	2020/6/9
12	Horm Ant	Schwarzbeck	BBHA 9170	187	2019/12/21	2020/12/20
13	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	000992	2019/5/29	2020/5/28
14	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0508	2019/5/29	2020/5/28

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Power Meter	Anritsu	ML2487A	6K00004714	2019/6/20	2020/6/19
2	Power Sensor	Anritsu	MA2491A	1725282	2019/6/20	2020/6/19

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

7 EUT TEST PHOTO

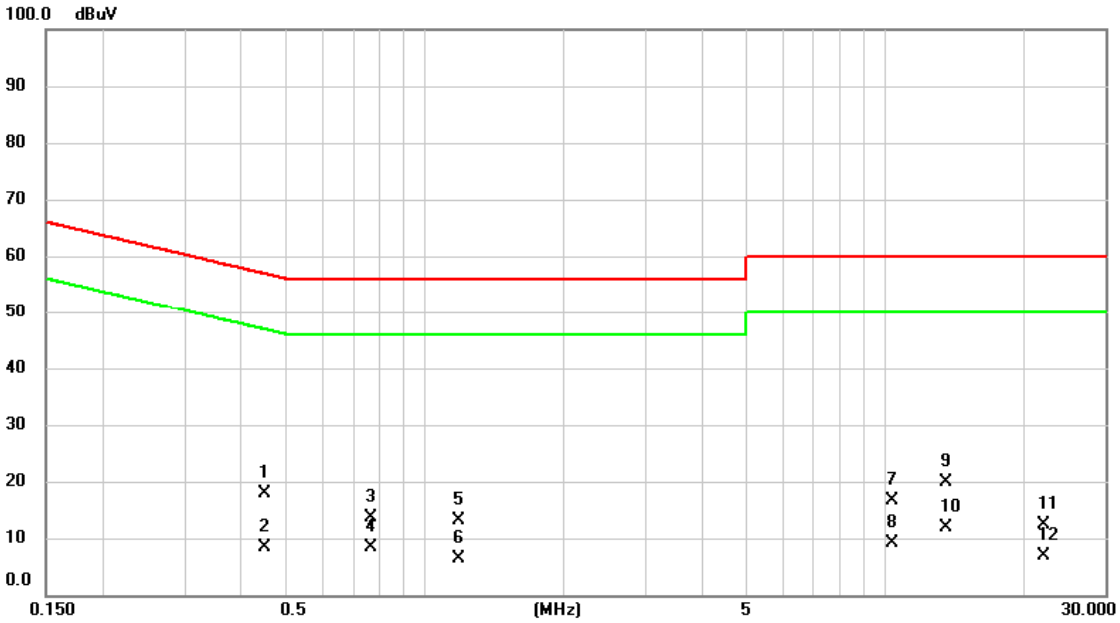
Please refer to document Appendix No.: TP-2004T174-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2004T174-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

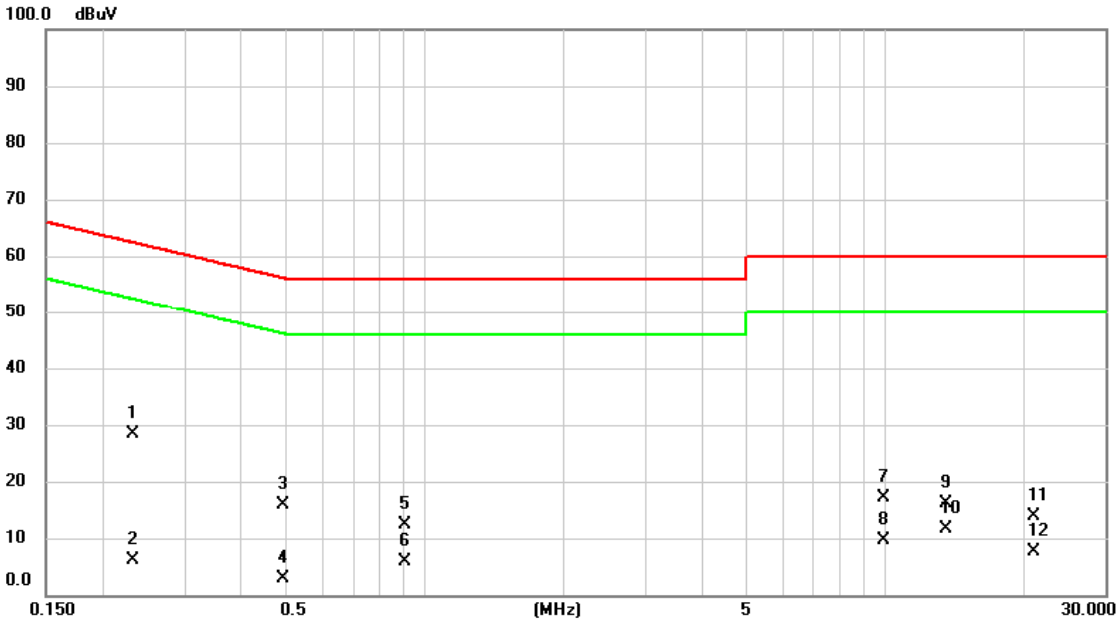
Test Mode	Normal	Tested Date	2020/5/13
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4492	8.21	9.68	17.89	56.89	-39.00	QP	
2		0.4492	-1.33	9.68	8.35	46.89	-38.54	AVG	
3		0.7620	4.04	9.70	13.74	56.00	-42.26	QP	
4	*	0.7620	-1.40	9.70	8.30	46.00	-37.70	AVG	
5		1.1805	3.32	9.70	13.02	56.00	-42.98	QP	
6		1.1805	-3.31	9.70	6.39	46.00	-39.61	AVG	
7		10.3380	6.70	9.90	16.60	60.00	-43.40	QP	
8		10.3380	-0.66	9.90	9.24	50.00	-40.76	AVG	
9		13.5623	9.87	9.91	19.78	60.00	-40.22	QP	
10		13.5623	1.89	9.91	11.80	50.00	-38.20	AVG	
11		22.1280	2.55	9.90	12.45	60.00	-47.55	QP	
12		22.1280	-2.94	9.90	6.96	50.00	-43.04	AVG	

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

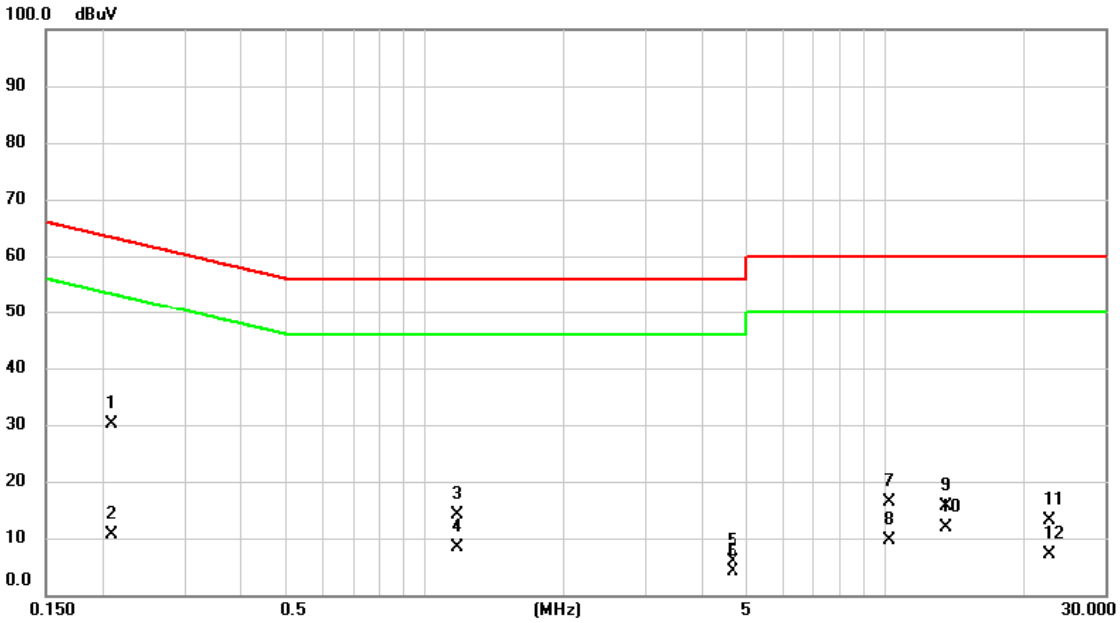
Test Mode	Normal	Tested Date	2020/5/13
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2310	18.81	9.61	28.42	62.41	-33.99	QP	
2		0.2310	-3.58	9.61	6.03	52.41	-46.38	AVG	
3		0.4942	6.16	9.67	15.83	56.10	-40.27	QP	
4		0.4942	-6.73	9.67	2.94	46.10	-43.16	AVG	
5		0.9037	2.77	9.66	12.43	56.00	-43.57	QP	
6		0.9037	-3.84	9.66	5.82	46.00	-40.18	AVG	
7		9.9555	7.18	9.92	17.10	60.00	-42.90	QP	
8		9.9555	-0.18	9.92	9.74	50.00	-40.26	AVG	
9		13.5600	6.09	9.97	16.06	60.00	-43.94	QP	
10		13.5600	1.70	9.97	11.67	50.00	-38.33	AVG	
11		21.0480	3.87	10.05	13.92	60.00	-46.08	QP	
12		21.0480	-2.40	10.05	7.65	50.00	-42.35	AVG	

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

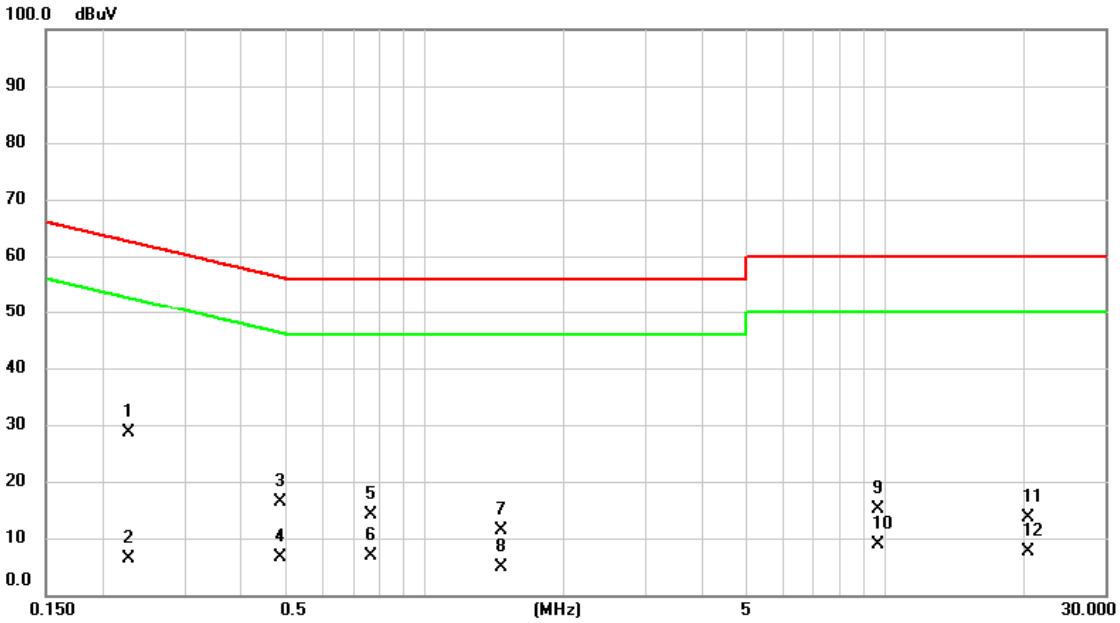
Test Mode	Idle	Tested Date	2020/5/13
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2085	20.60	9.63	30.23	63.26	-33.03	QP	
2		0.2085	1.04	9.63	10.67	53.26	-42.59	AVG	
3		1.1782	4.38	9.70	14.08	56.00	-41.92	QP	
4		1.1782	-1.39	9.70	8.31	46.00	-37.69	AVG	
5		4.6500	-3.88	9.80	5.92	56.00	-50.08	QP	
6		4.6500	-5.78	9.80	4.02	46.00	-41.98	AVG	
7		10.1805	6.53	9.90	16.43	60.00	-43.57	QP	
8		10.1805	-0.29	9.90	9.61	50.00	-40.39	AVG	
9		13.5623	5.64	9.91	15.55	60.00	-44.45	QP	
10		13.5623	1.91	9.91	11.82	50.00	-38.18	AVG	
11		22.7603	3.16	9.89	13.05	60.00	-46.95	QP	
12		22.7603	-2.67	9.89	7.22	50.00	-42.78	AVG	

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

Test Mode	Idle	Tested Date	2020/5/13
Test Frequency	-	Phase	Neutral

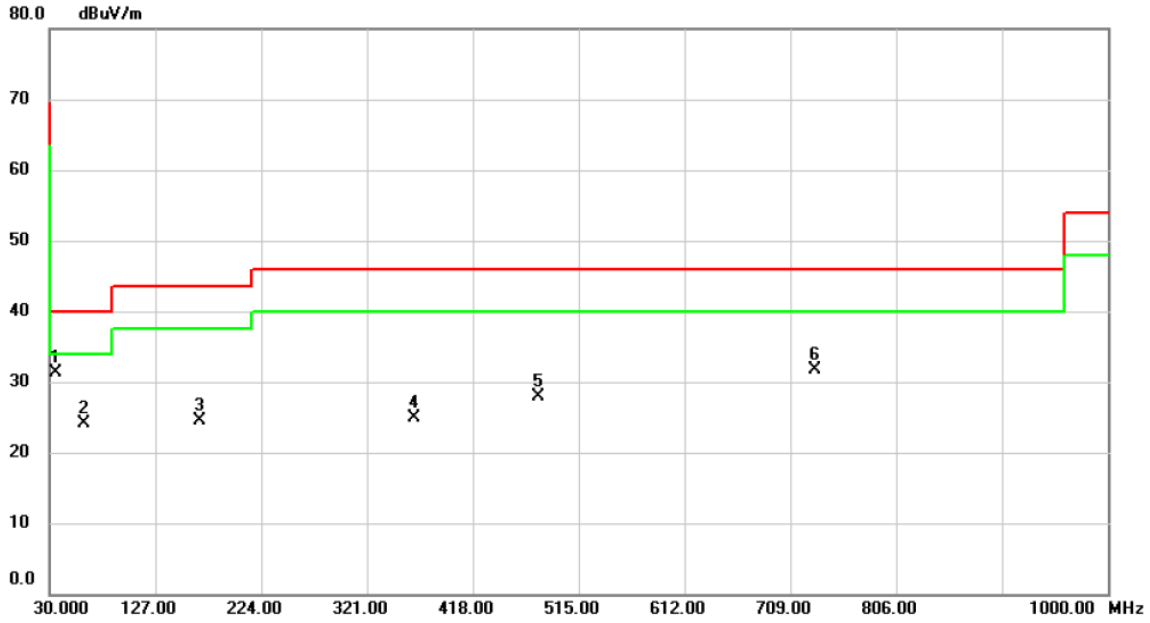


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.2265	19.07	9.61	28.68	62.58	-33.90	QP	
2		0.2265	-3.33	9.61	6.28	52.58	-46.30	AVG	
3		0.4875	6.69	9.67	16.36	56.21	-39.85	QP	
4		0.4875	-3.01	9.67	6.66	46.21	-39.55	AVG	
5		0.7642	4.33	9.68	14.01	56.00	-41.99	QP	
6		0.7642	-2.78	9.68	6.90	46.00	-39.10	AVG	
7		1.4595	1.60	9.69	11.29	56.00	-44.71	QP	
8		1.4595	-4.90	9.69	4.79	46.00	-41.21	AVG	
9		9.6608	5.23	9.92	15.15	60.00	-44.85	QP	
10		9.6608	-1.01	9.92	8.91	50.00	-41.09	AVG	
11		20.3505	3.46	10.05	13.51	60.00	-46.49	QP	
12		20.3505	-2.44	10.05	7.61	50.00	-42.39	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

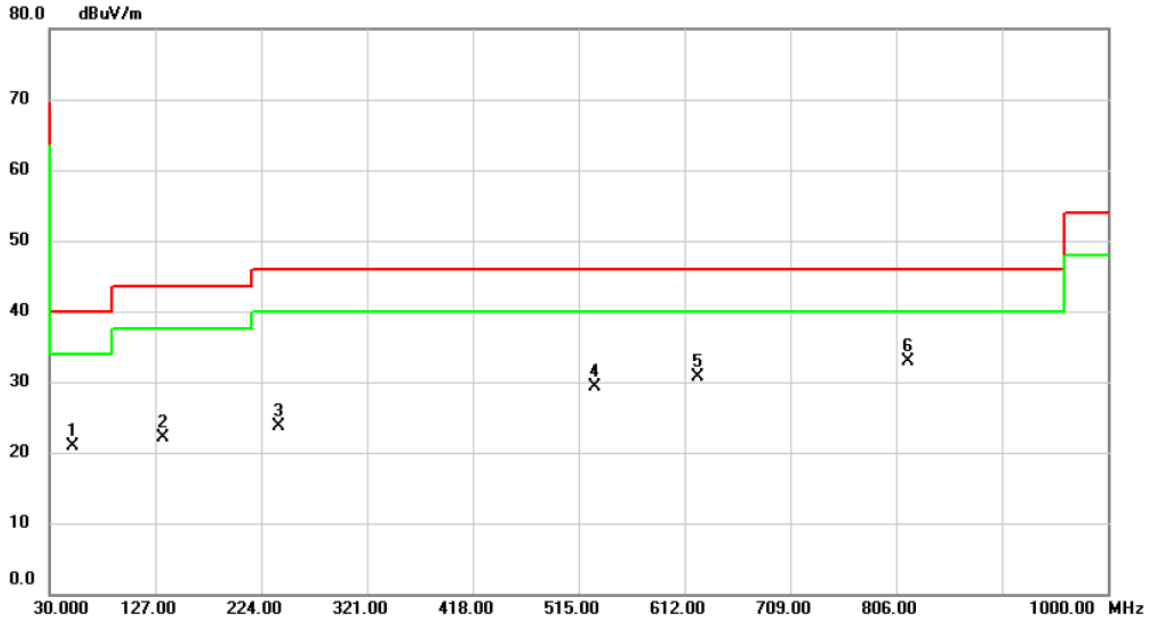
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH48: 5240 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	35.8200	40.32	-8.94	31.38	40.00	-8.62	peak	
2		61.0400	33.12	-8.94	24.18	40.00	-15.82	peak	
3		167.7400	33.37	-8.78	24.59	43.50	-18.91	peak	
4		364.6500	30.74	-5.87	24.87	46.00	-21.13	peak	
5		478.1400	31.14	-3.31	27.83	46.00	-18.17	peak	
6		731.3100	29.87	1.93	31.80	46.00	-14.20	peak	

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

Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH48: 5240 MHz	Polarization	Horizontal

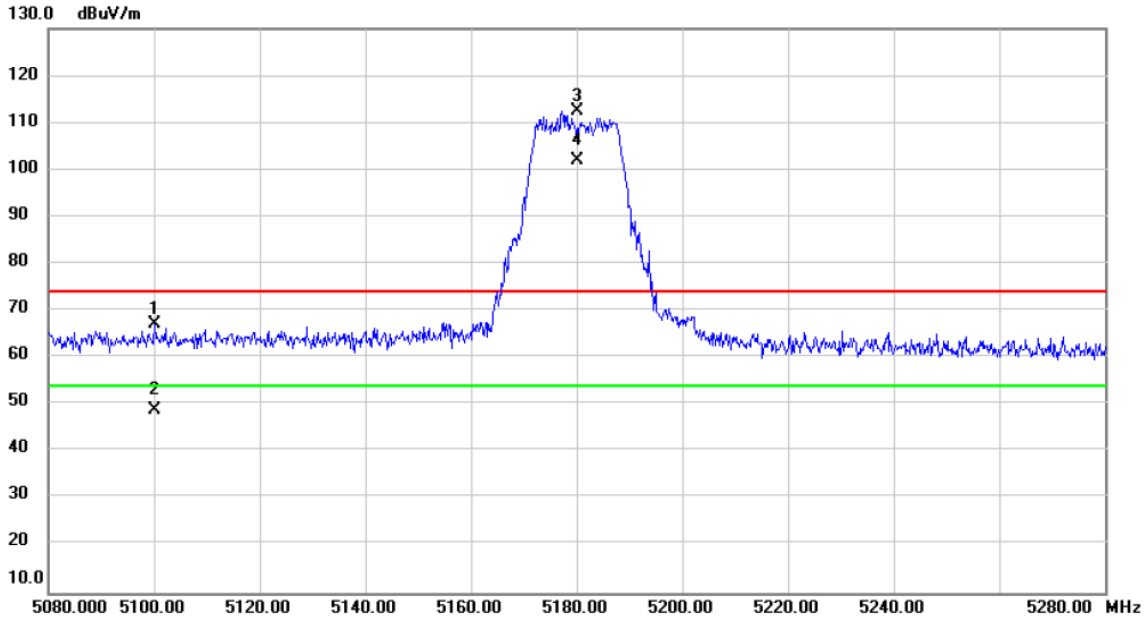


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		51.3400	29.00	-8.13	20.87	40.00	-19.13	peak	
2		133.7900	31.55	-9.50	22.05	43.50	-21.45	peak	
3		240.4900	32.88	-9.12	23.76	46.00	-22.24	peak	
4		529.5500	31.63	-2.39	29.24	46.00	-16.76	peak	
5		623.6400	30.80	-0.13	30.67	46.00	-15.33	peak	
6	*	816.6700	29.59	3.36	32.95	46.00	-13.05	peak	

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

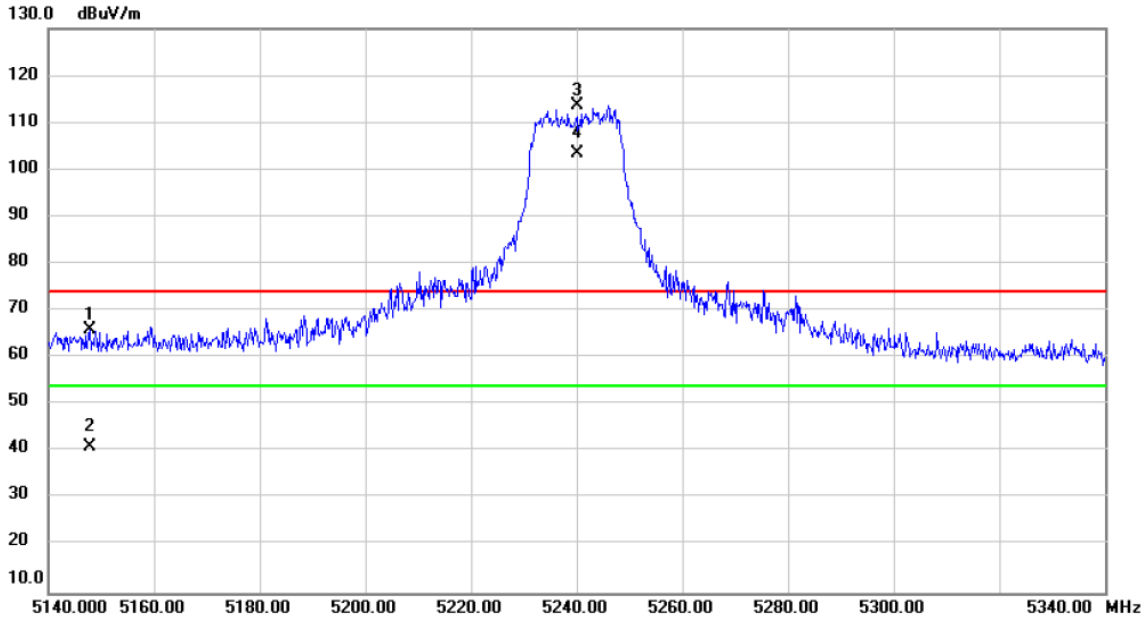
Test Mode	UNII-1_IEEE 802.11a	Test Date	2020/5/13
Test Frequency	CH36: 5180 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5100.000	29.68	37.55	67.23	74.00	-6.77	peak	
2		5100.000	11.17	37.55	48.72	54.00	-5.28	AVG	
3	X	5180.000	74.73	37.65	112.38	74.00	38.38	peak	No Limit
4	*	5180.000	64.32	37.65	101.97	54.00	47.97	AVG	No Limit

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

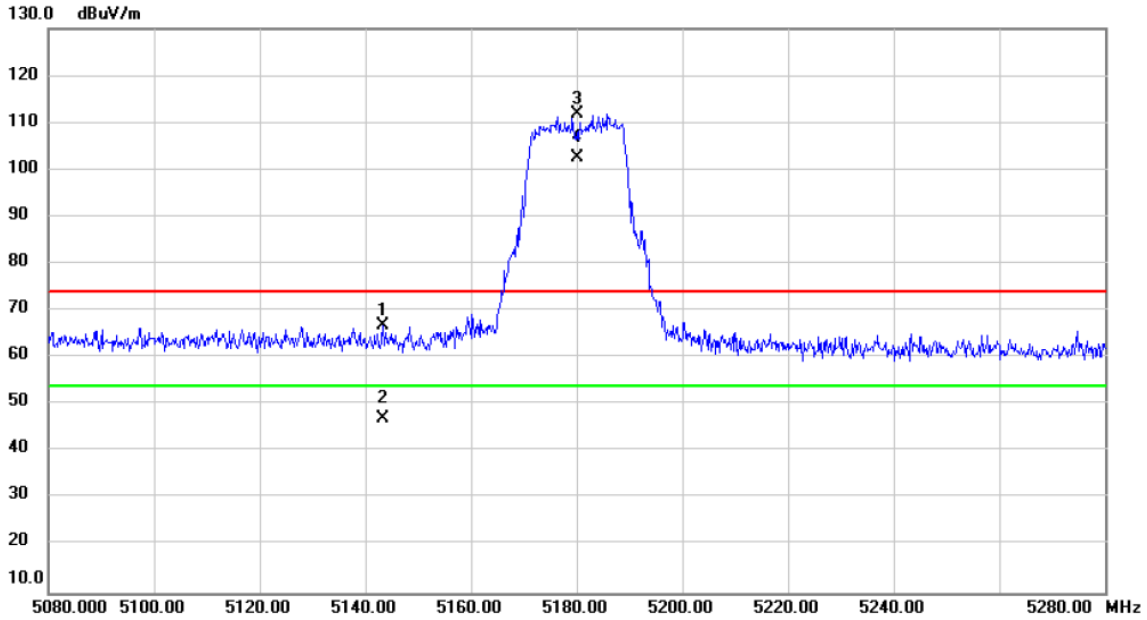
Test Mode	UNII-1_IEEE 802.11a	Test Date	2020/5/13
Test Frequency	CH48: 5240 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.800	28.40	37.61	66.01	74.00	-7.99	peak	
2		5147.800	3.43	37.61	41.04	54.00	-12.96	AVG	
3	X	5240.000	75.81	37.71	113.52	74.00	39.52	peak	No Limit
4	*	5240.000	65.87	37.71	103.58	54.00	49.58	AVG	No Limit

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

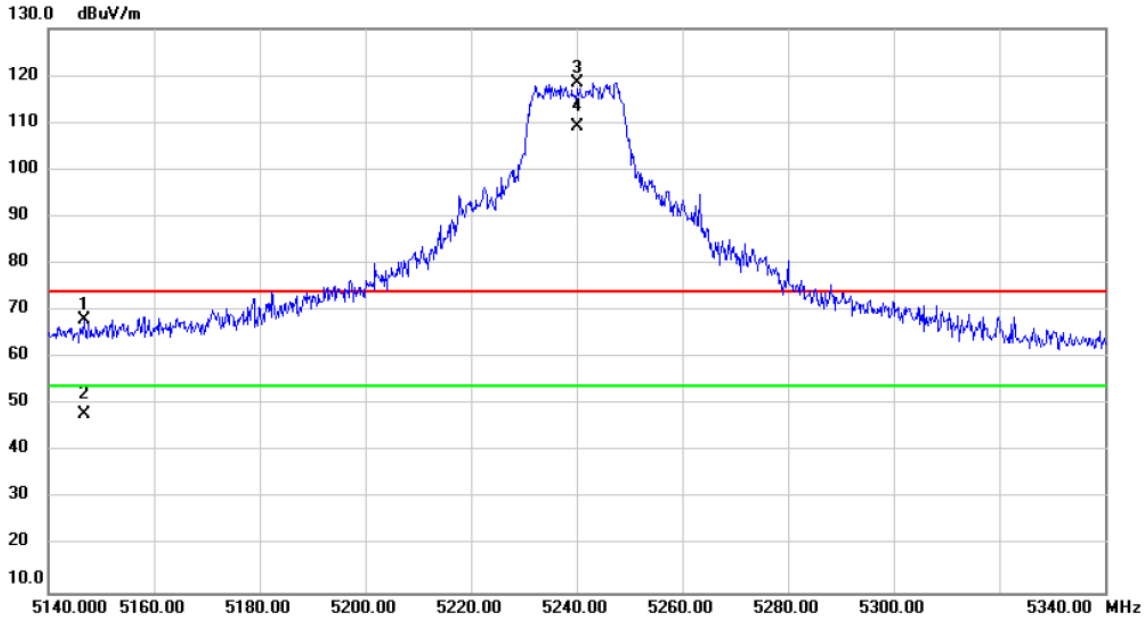
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH36: 5180 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5143.400	29.11	37.61	66.72	74.00	-7.28	peak	
2		5143.400	9.51	37.61	47.12	54.00	-6.88	AVG	
3	X	5180.000	74.10	37.65	111.75	74.00	37.75	peak	No Limit
4	*	5180.000	64.94	37.65	102.59	54.00	48.59	AVG	No Limit

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

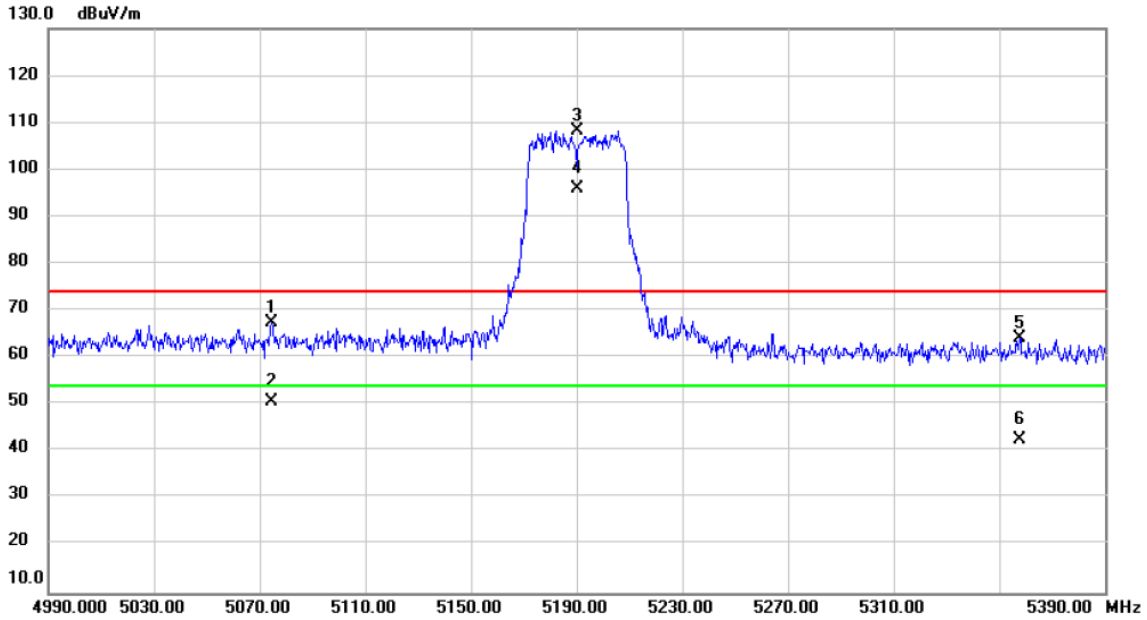
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH48: 5240 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5146.800	30.58	37.61	68.19	74.00	-5.81	peak	
2		5146.800	10.26	37.61	47.87	54.00	-6.13	AVG	
3	X	5240.000	80.77	37.71	118.48	74.00	44.48	peak	No Limit
4	*	5240.000	71.36	37.71	109.07	54.00	55.07	AVG	No Limit

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

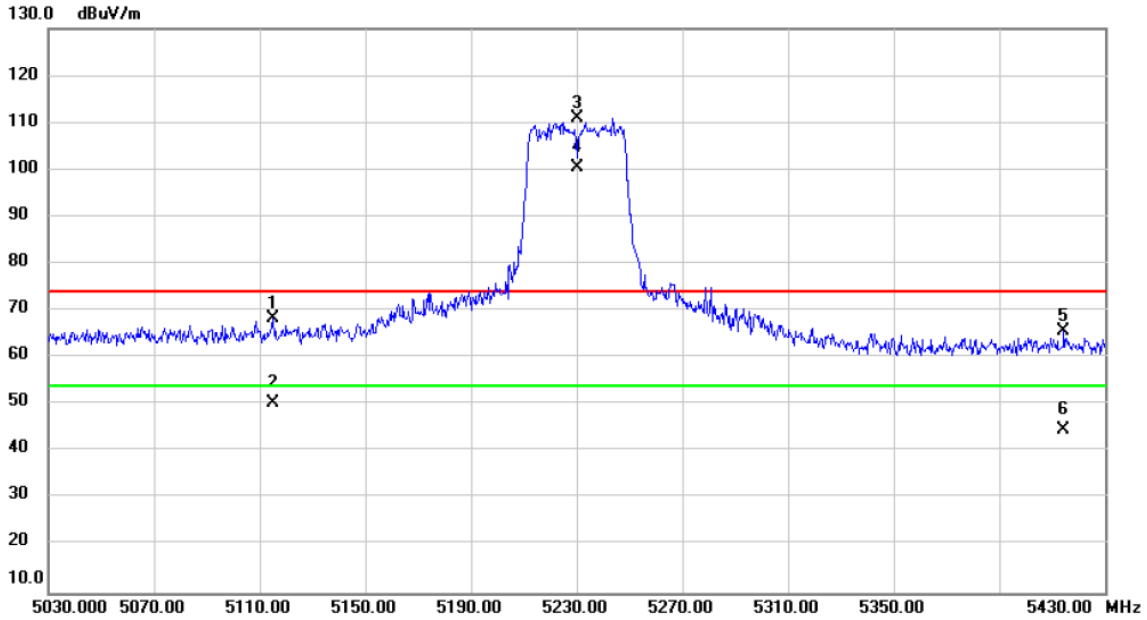
Test Mode	UNII-1_IEEE 802.11n (HT40)	Test Date	2020/5/13
Test Frequency	CH38: 5190 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5074.400	29.84	37.52	67.36	74.00	-6.64	peak	
2		5074.400	13.21	37.52	50.73	54.00	-3.27	AVG	
3	X	5190.000	70.69	37.65	108.34	74.00	34.34	peak	No Limit
4	*	5190.000	58.25	37.65	95.90	54.00	41.90	AVG	No Limit
5		5357.600	26.30	37.84	64.14	74.00	-9.86	peak	
6		5357.600	4.66	37.84	42.50	54.00	-11.50	AVG	

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

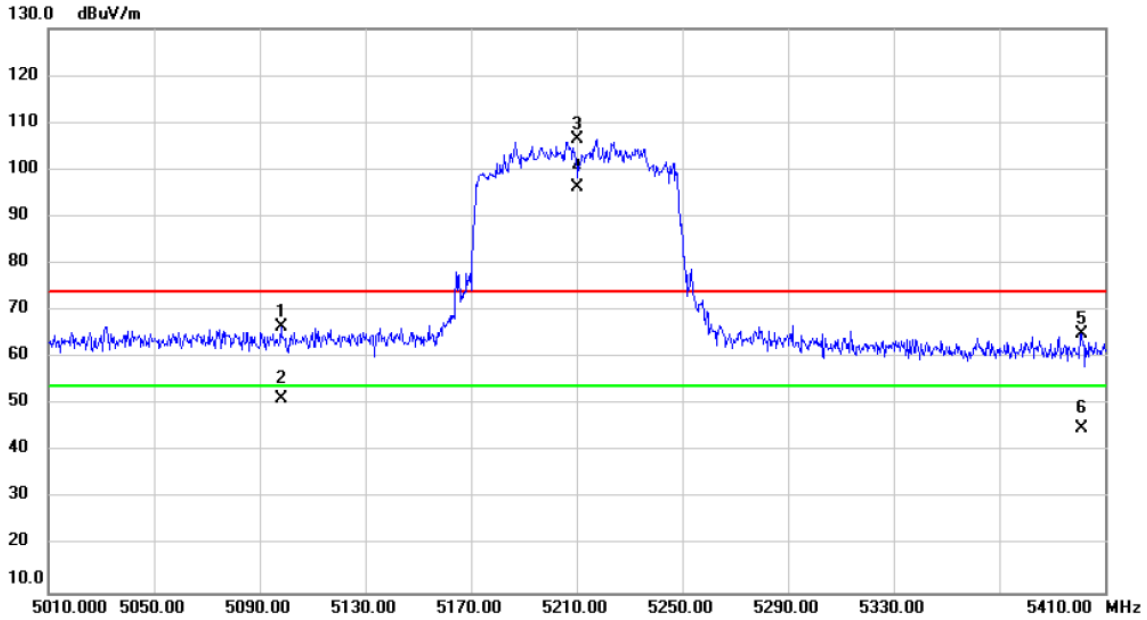
Test Mode	UNII-1_IEEE 802.11n (HT40)	Test Date	2020/5/13
Test Frequency	CH46: 5230 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5114.800	30.88	37.57	68.45	74.00	-5.55	peak	
2		5114.800	12.85	37.57	50.42	54.00	-3.58	AVG	
3	X	5230.000	73.15	37.70	110.85	74.00	36.85	peak	No Limit
4	*	5230.000	62.66	37.70	100.36	54.00	46.36	AVG	No Limit
5		5414.400	27.69	37.91	65.60	74.00	-8.40	peak	
6		5414.400	6.62	37.91	44.53	54.00	-9.47	AVG	

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

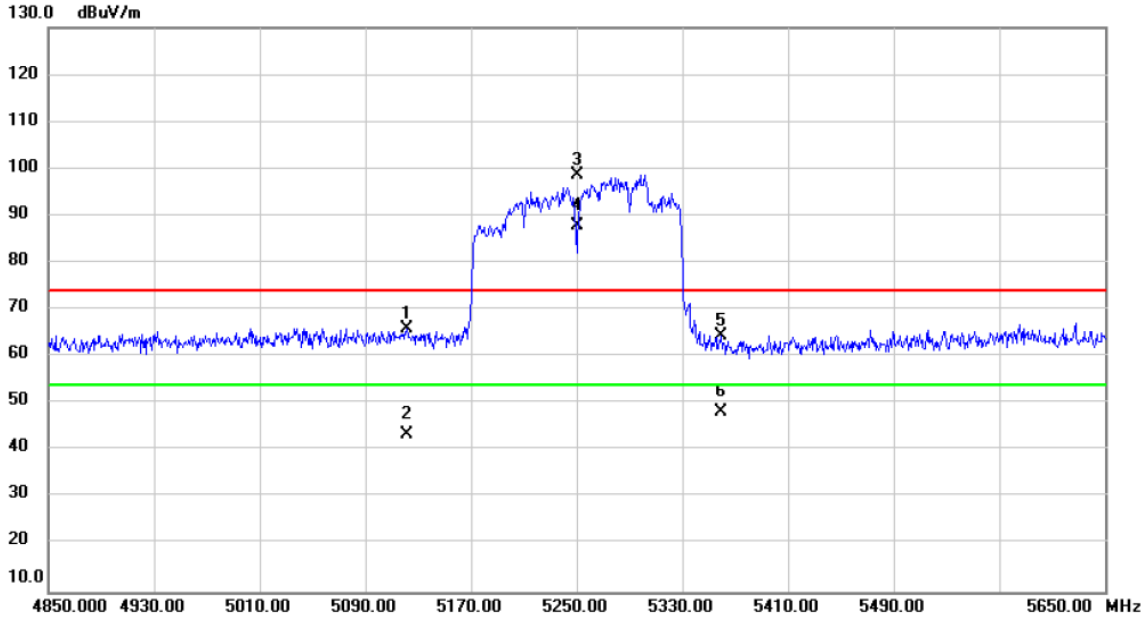
Test Mode	UNII-1_IEEE 802.11ac (VHT80)	Test Date	2020/5/13
Test Frequency	CH42: 5210 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5098.000	29.07	37.55	66.62	74.00	-7.38	peak	
2		5098.000	13.58	37.55	51.13	54.00	-2.87	AVG	
3	X	5210.000	68.69	37.68	106.37	74.00	32.37	peak	No Limit
4	*	5210.000	58.58	37.68	96.26	54.00	42.26	AVG	No Limit
5		5401.200	27.14	37.90	65.04	74.00	-8.96	peak	
6		5401.200	6.94	37.90	44.84	54.00	-9.16	AVG	

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

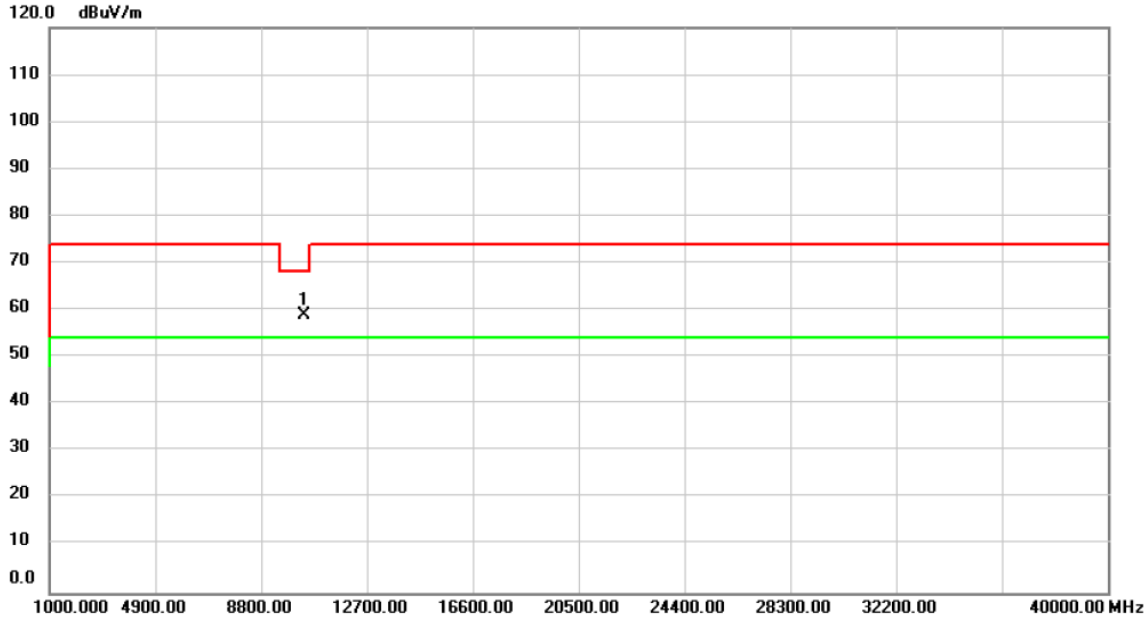
Test Mode	UNII-1_IEEE 802.11ac (VHT160)	Test Date	2020/5/21
Test Frequency	CH50: 5250 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5121.200	28.50	37.58	66.08	74.00	-7.92	peak	
2		5121.200	5.86	37.58	43.44	54.00	-10.56	AVG	
3	X	5250.000	60.87	37.72	98.59	74.00	24.59	peak	No Limit
4	*	5250.000	50.25	37.72	87.97	54.00	33.97	AVG	No Limit
5		5359.600	26.62	37.85	64.47	74.00	-9.53	peak	
6		5359.600	10.26	37.85	48.11	54.00	-5.89	AVG	

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

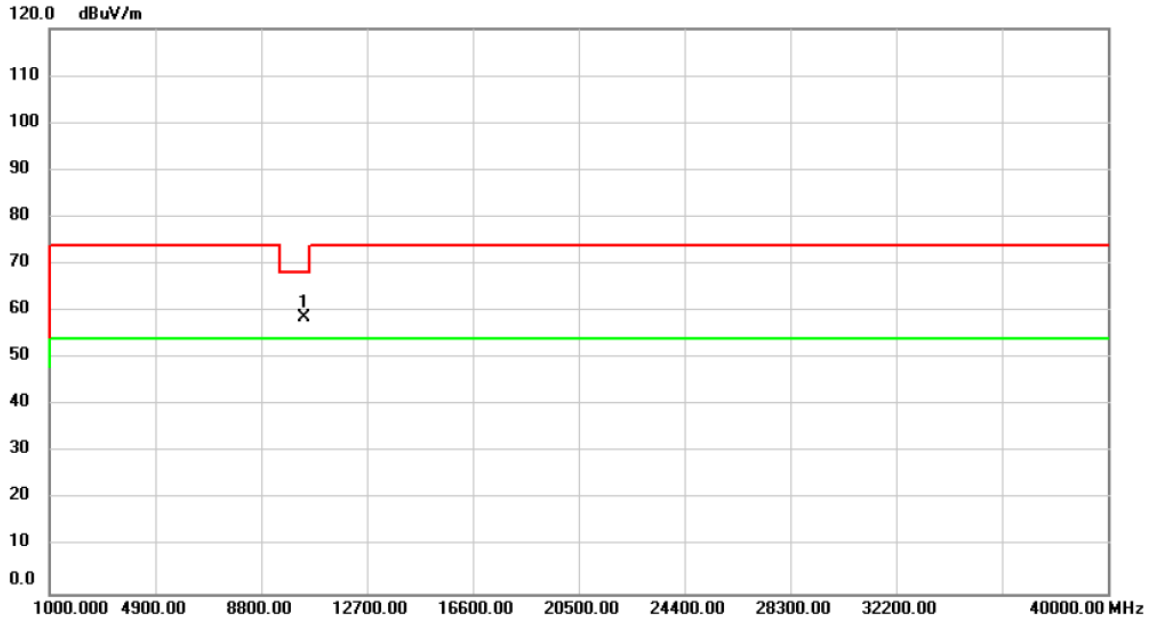
Test Mode	UNII-1_IEEE 802.11a	Test Date	2020/5/13
Test Frequency	CH36: 5180 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	55.35	3.68	59.03	68.20	-9.17	peak	

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

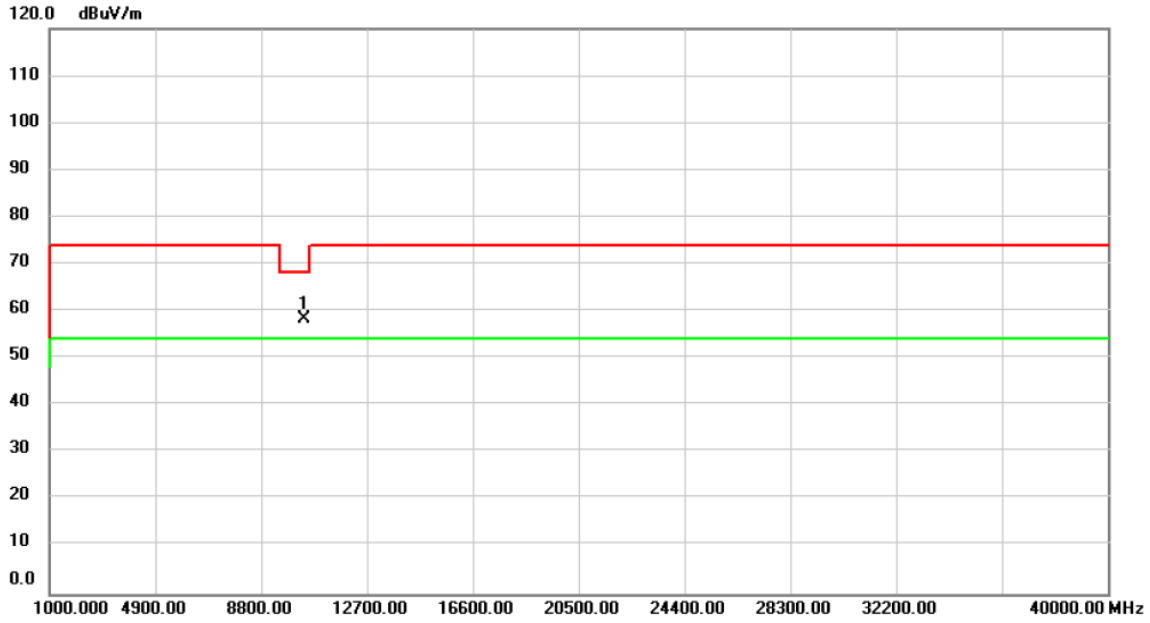
Test Mode	UNII-1_IEEE 802.11a	Test Date	2020/5/13
Test Frequency	CH36: 5180 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	54.94	3.68	58.62	68.20	-9.58	peak	

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

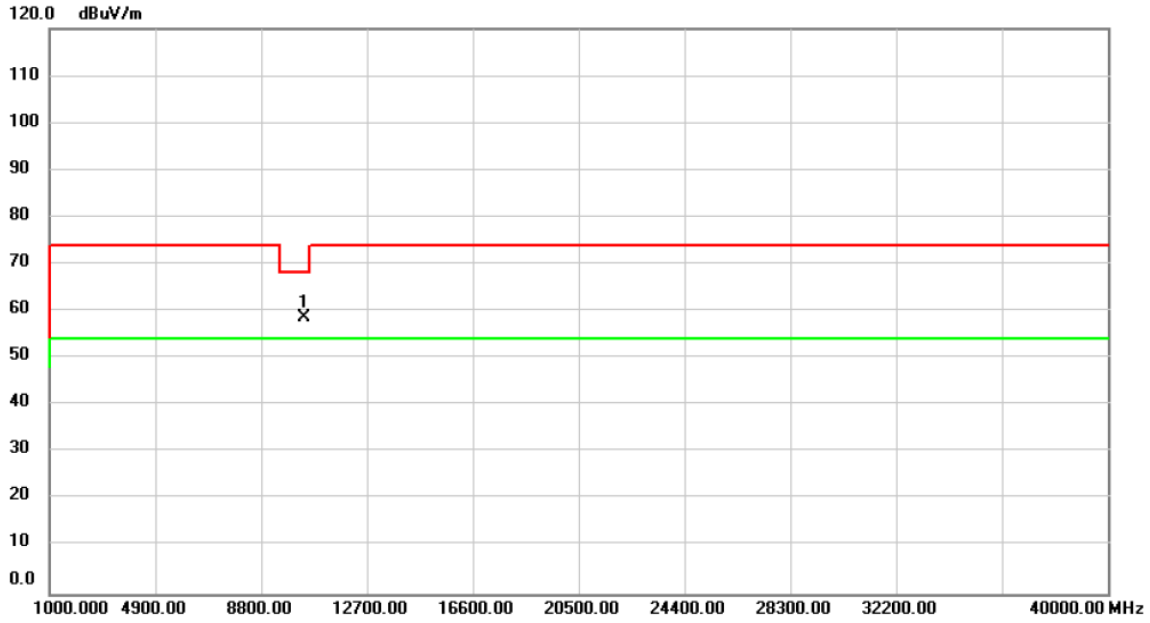
Test Mode	UNII-1_IEEE 802.11a	Test Date	2020/5/13
Test Frequency	CH40: 5200 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	54.52	3.74	58.26	68.20	-9.94	peak	

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

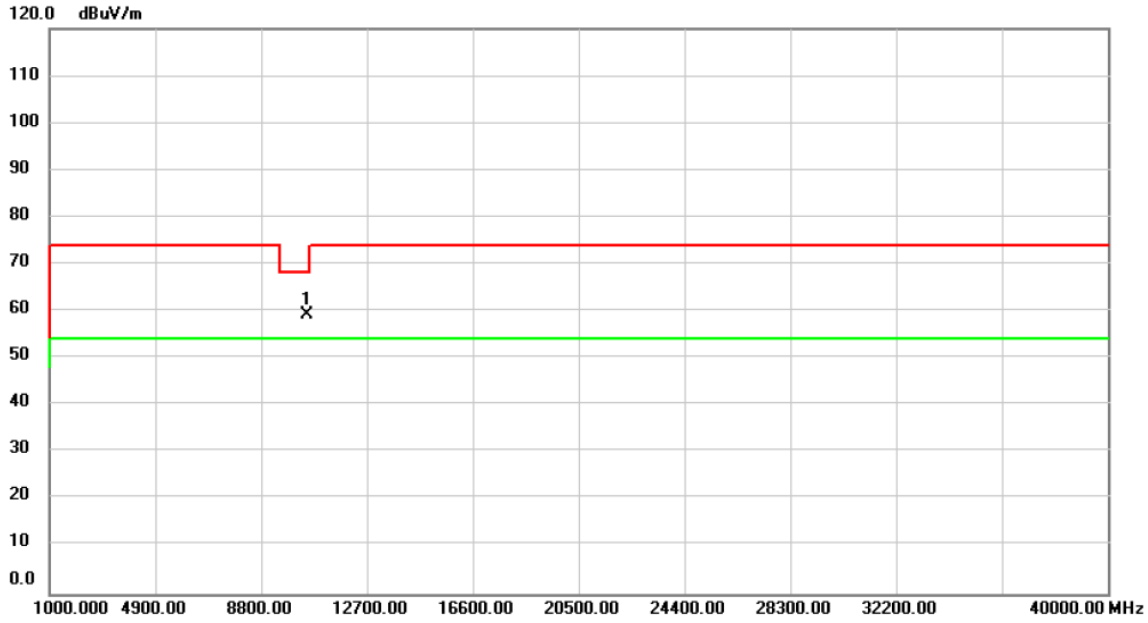
Test Mode	UNII-1_IEEE 802.11a	Test Date	2020/5/13
Test Frequency	CH40: 5200 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	54.79	3.74	58.53	68.20	-9.67	peak	

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

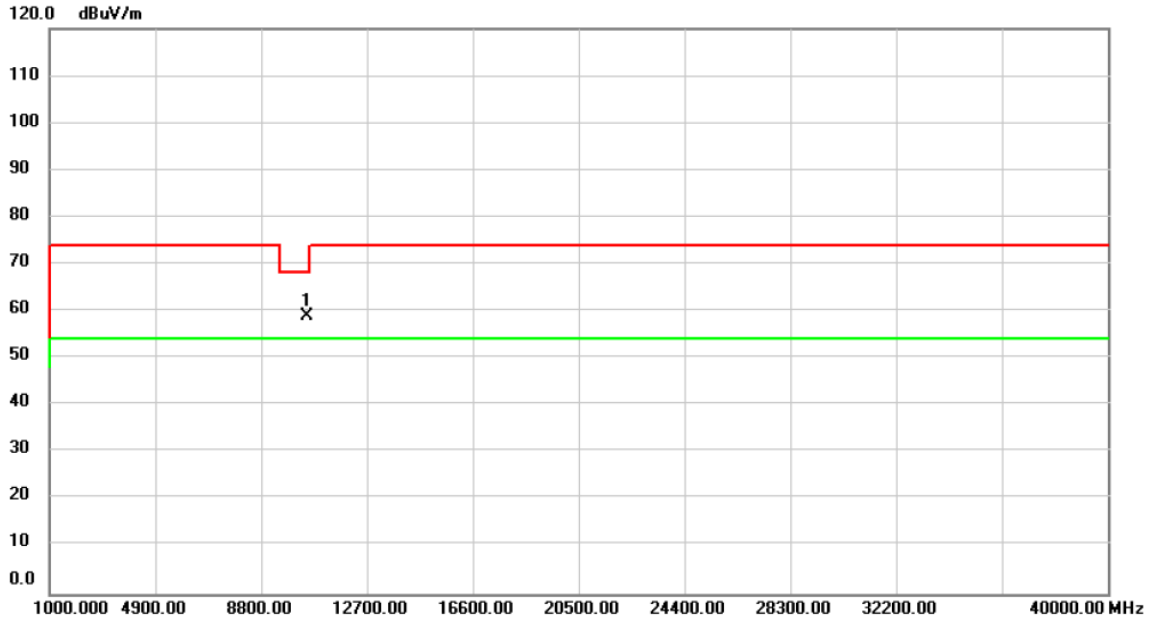
Test Mode	UNII-1_IEEE 802.11a	Test Date	2020/5/13
Test Frequency	CH48: 5240 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	55.48	3.84	59.32	68.20	-8.88	peak	

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

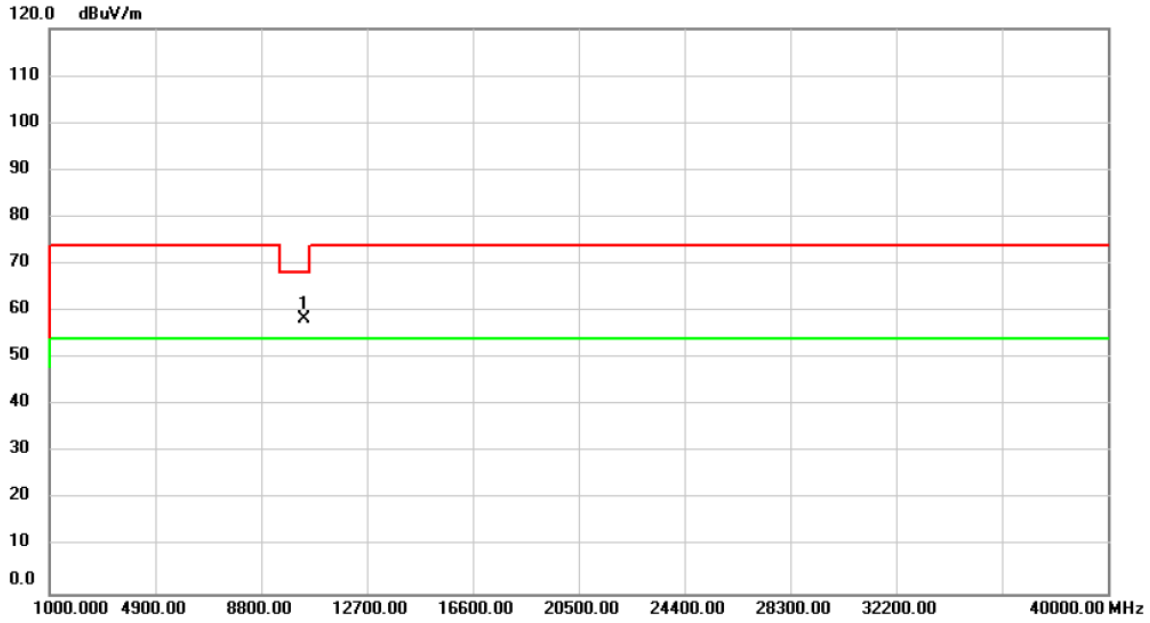
Test Mode	UNII-1_IEEE 802.11a	Test Date	2020/5/13
Test Frequency	CH48: 5240 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	55.00	3.84	58.84	68.20	-9.36	peak	

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

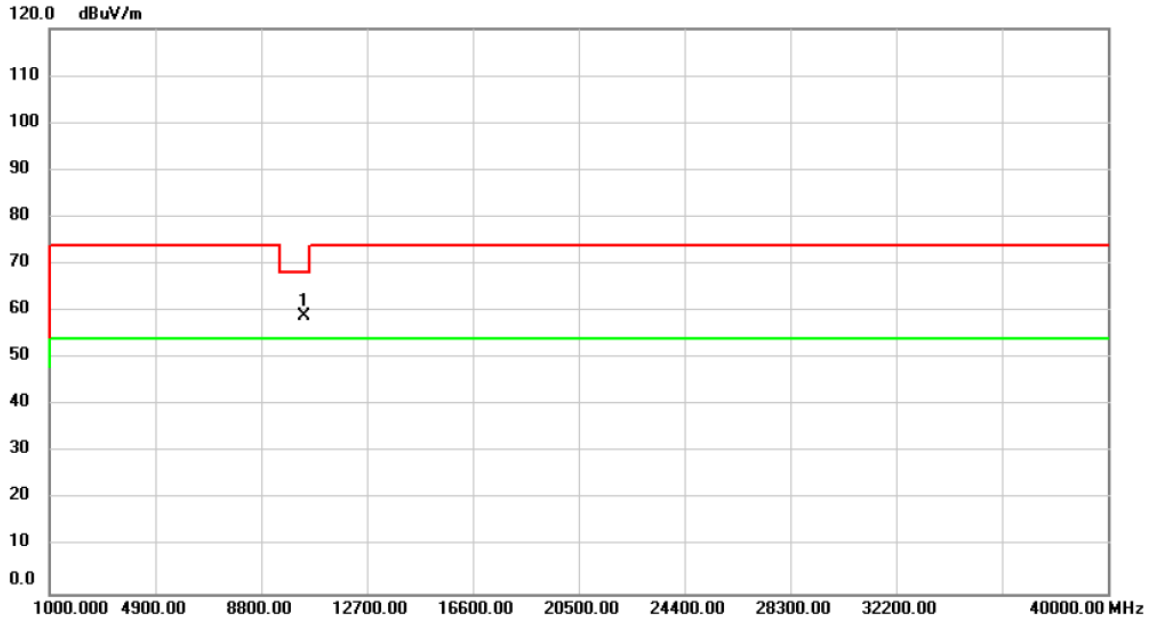
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH36: 5180 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	54.75	3.68	58.43	68.20	-9.77	peak	

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

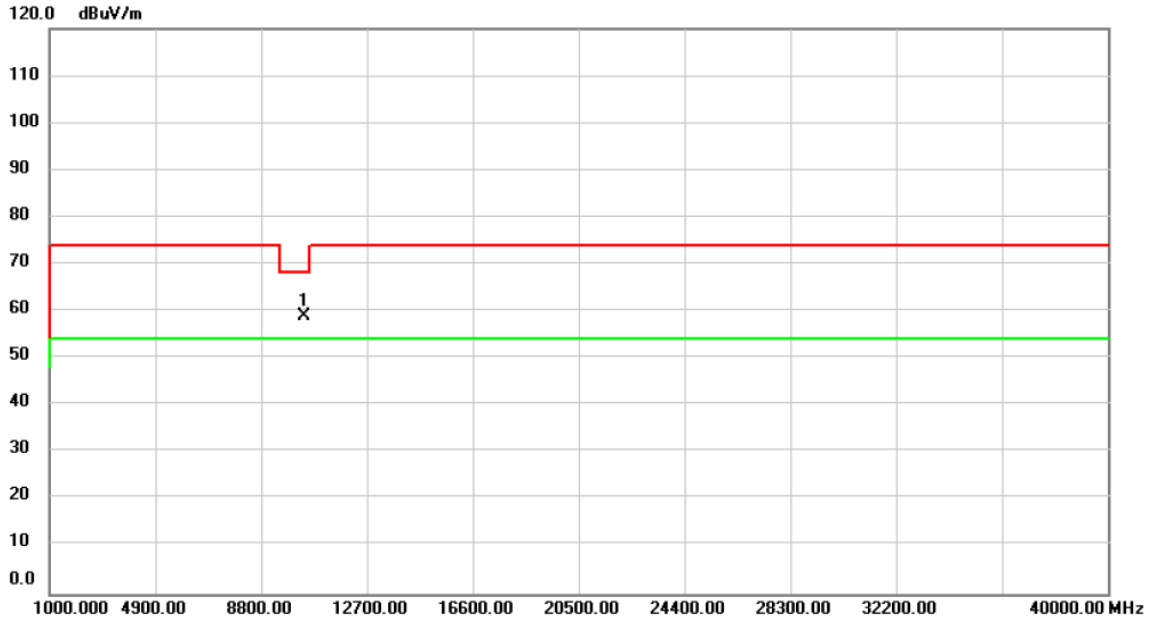
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH36: 5180 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	55.34	3.68	59.02	68.20	-9.18	peak	

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

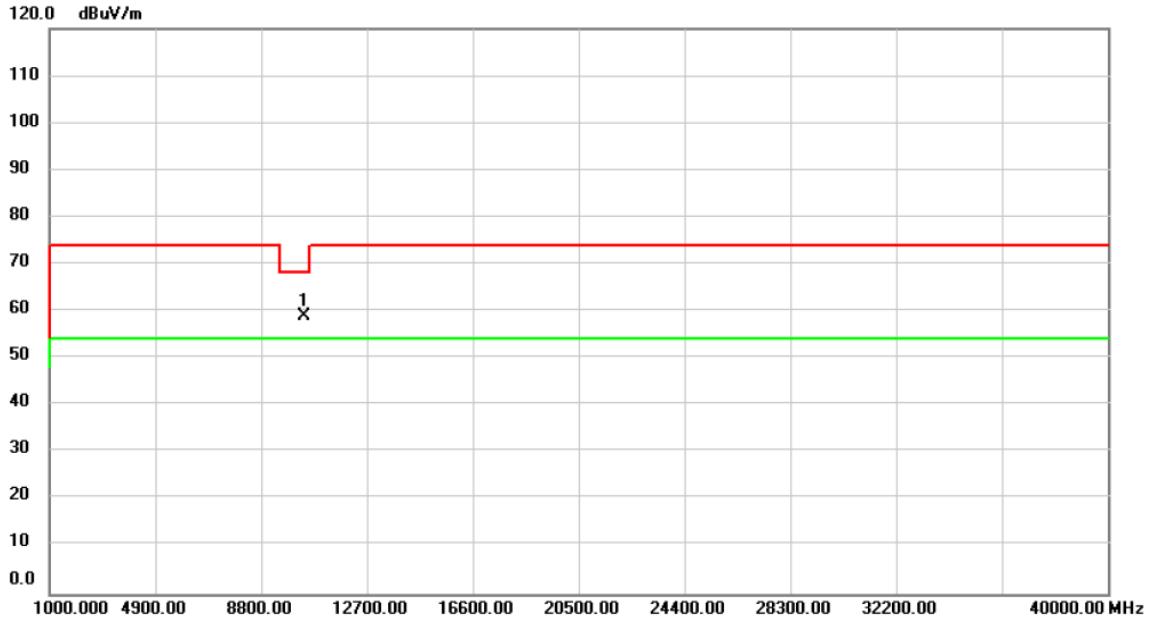
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH40: 5200 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	55.31	3.74	59.05	68.20	-9.15	peak	

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

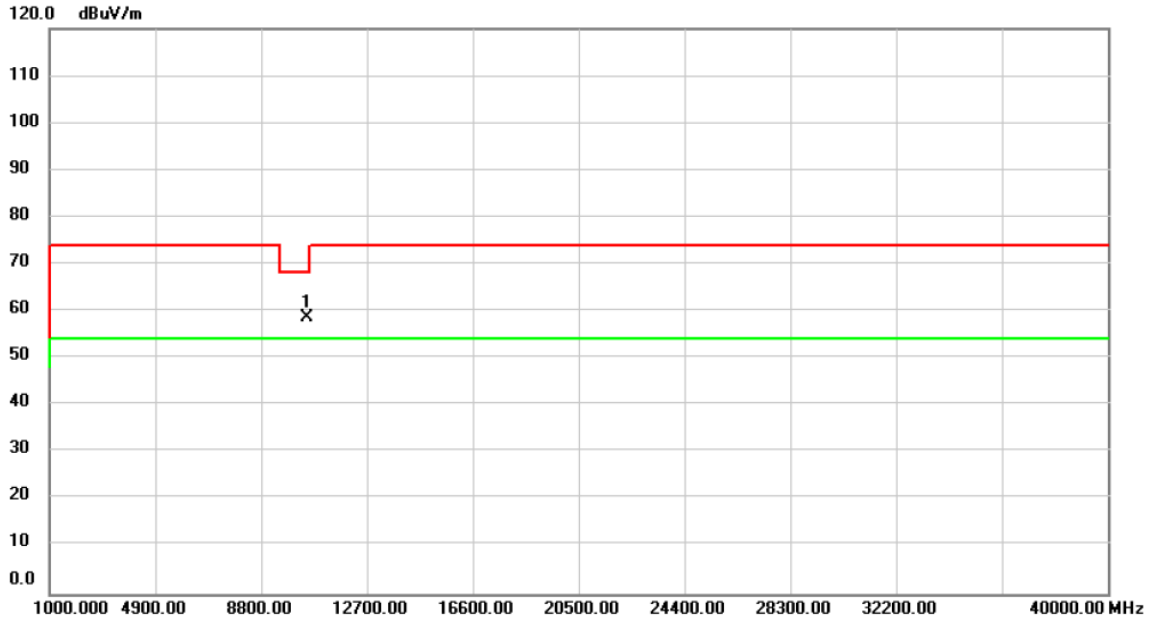
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH40: 5200 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	55.11	3.74	58.85	68.20	-9.35	peak	

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

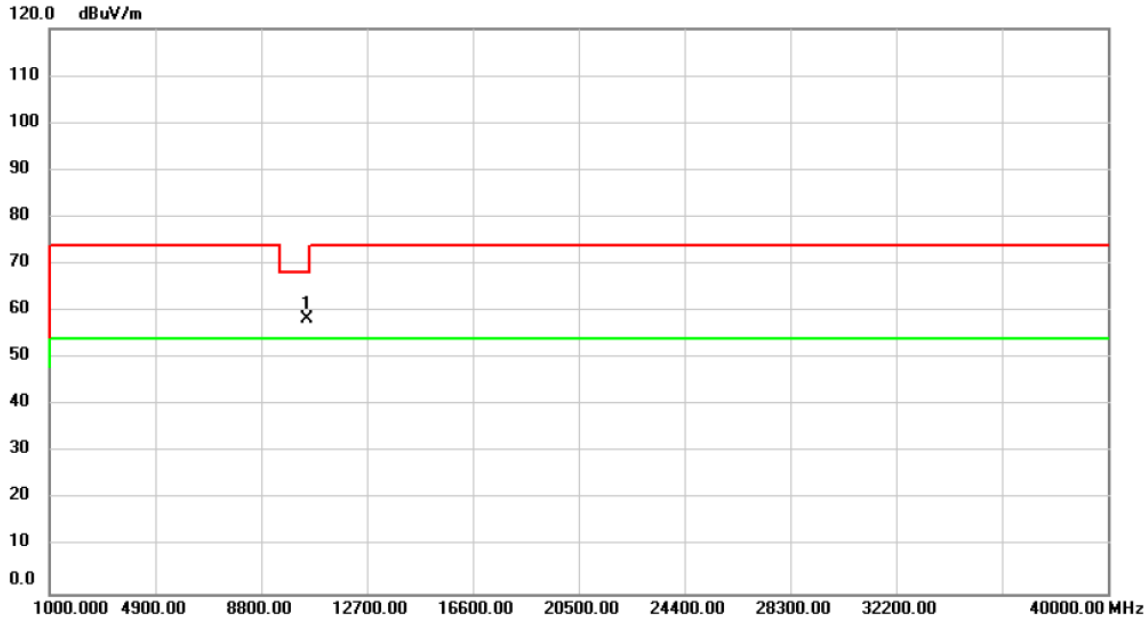
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH48: 5240 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	54.74	3.84	58.58	68.20	-9.62	peak	

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

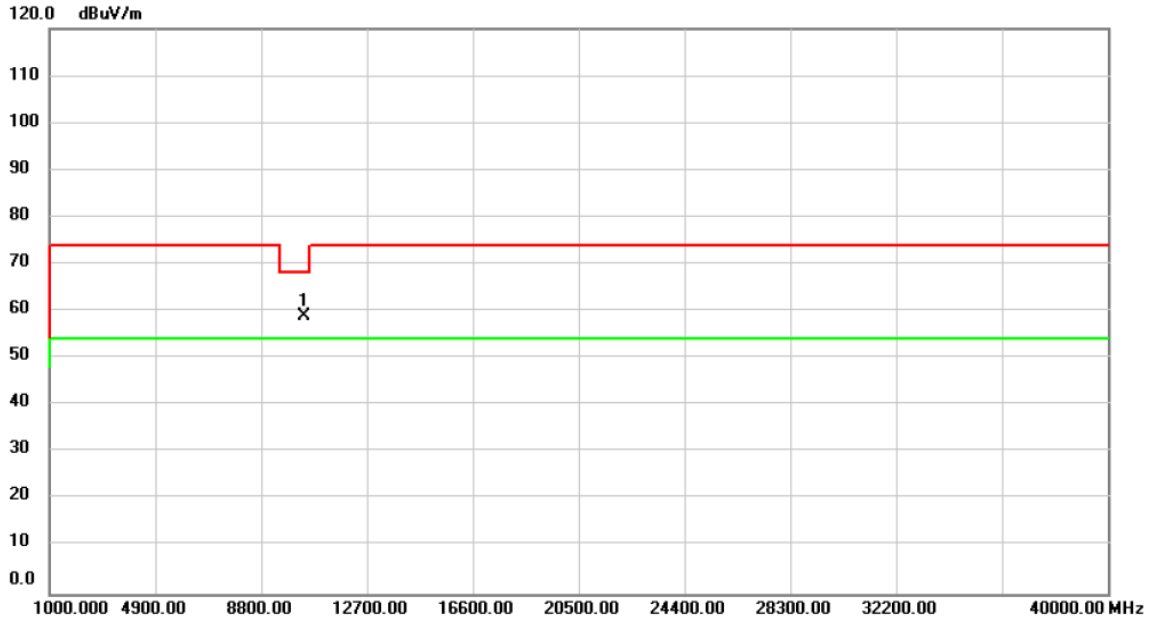
Test Mode	UNII-1_IEEE 802.11n (HT20)	Test Date	2020/5/13
Test Frequency	CH48: 5240 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	54.63	3.84	58.47	68.20	-9.73	peak	

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

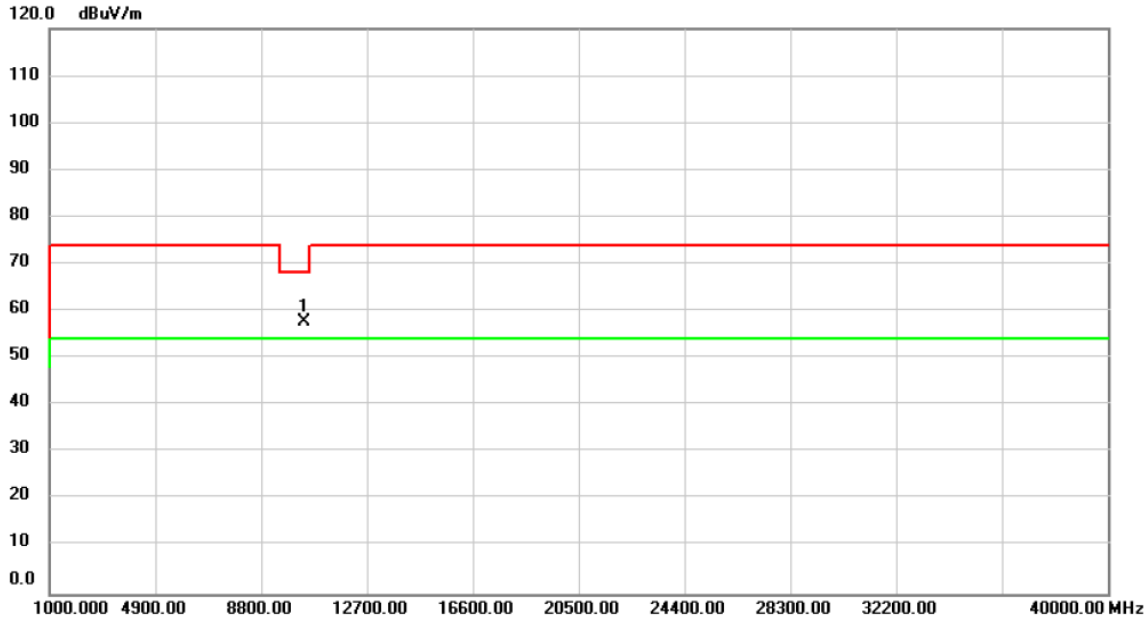
Test Mode	UNII-1_IEEE 802.11n (HT40)	Test Date	2020/5/13
Test Frequency	CH38: 5190 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	55.13	3.71	58.84	68.20	-9.36	peak	

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

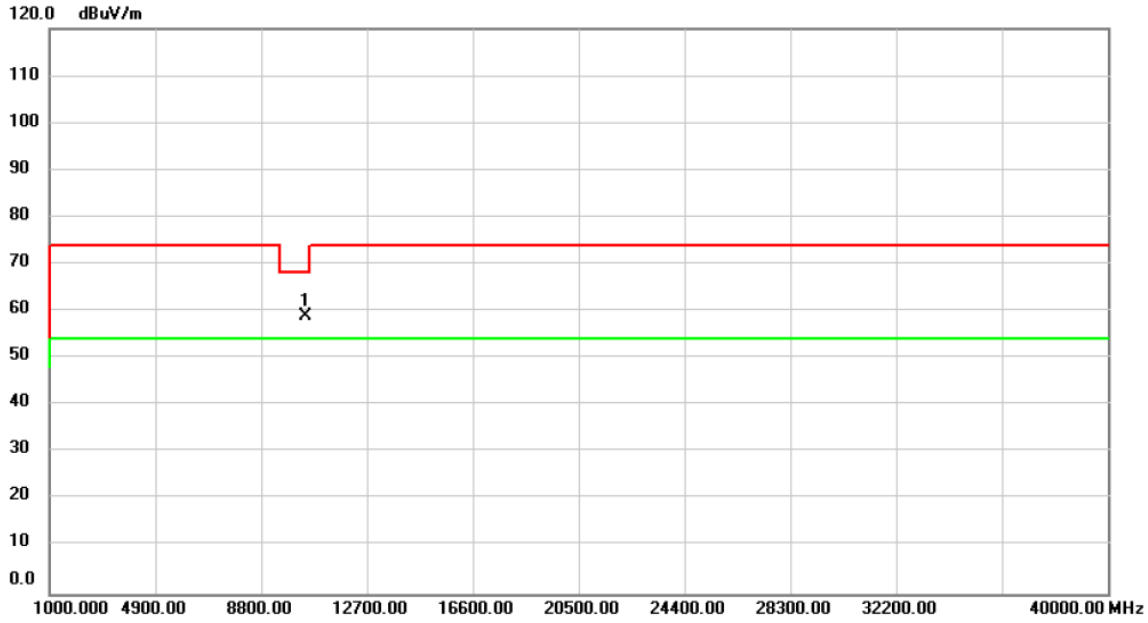
Test Mode	UNII-1_IEEE 802.11n (HT40)	Test Date	2020/5/13
Test Frequency	CH38: 5190 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10380.00	53.98	3.71	57.69	68.20	-10.51	peak	

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

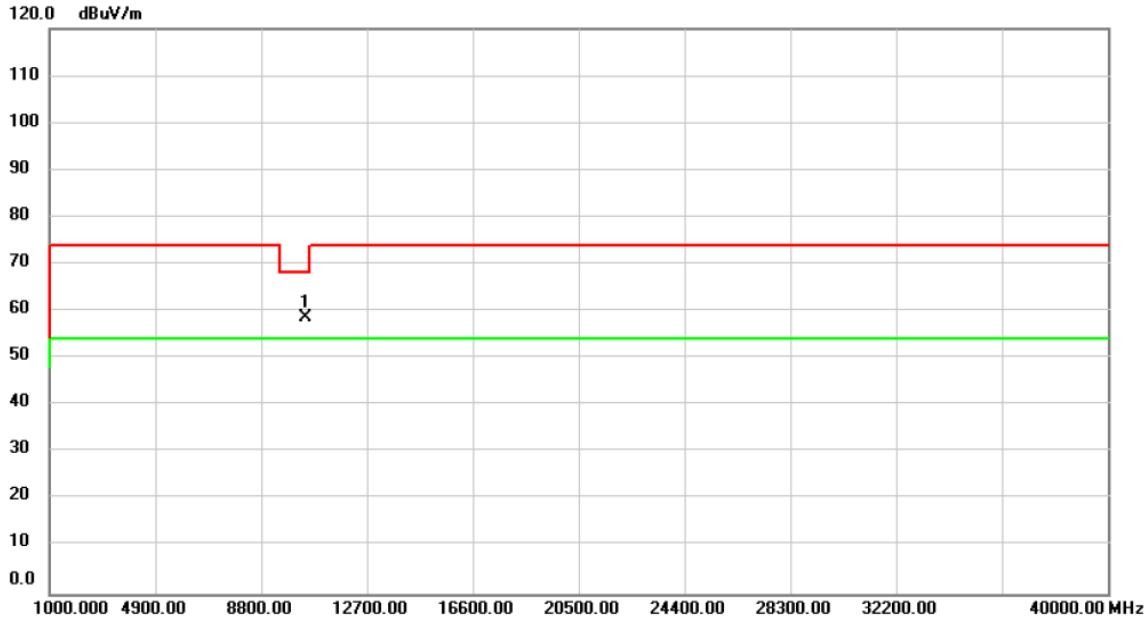
Test Mode	UNII-1_IEEE 802.11n (HT40)	Test Date	2020/5/13
Test Frequency	CH46: 5230 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	55.06	3.82	58.88	68.20	-9.32	peak	

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

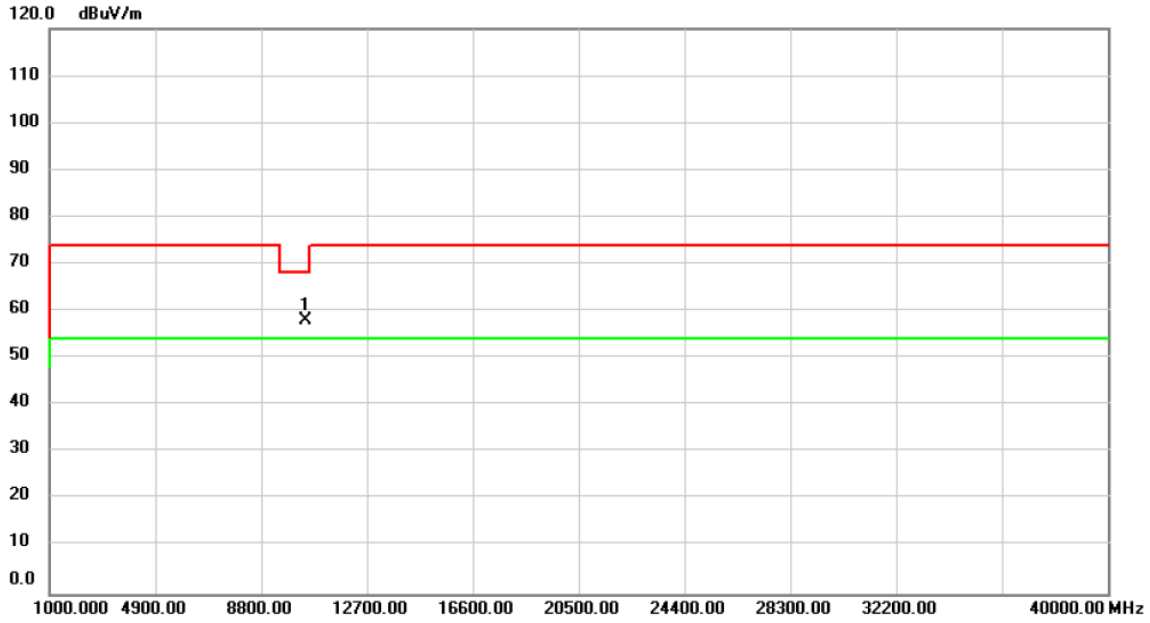
Test Mode	UNII-1_IEEE 802.11n (HT40)	Test Date	2020/5/13
Test Frequency	CH46: 5230 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10460.00	54.83	3.82	58.65	68.20	-9.55	peak	

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

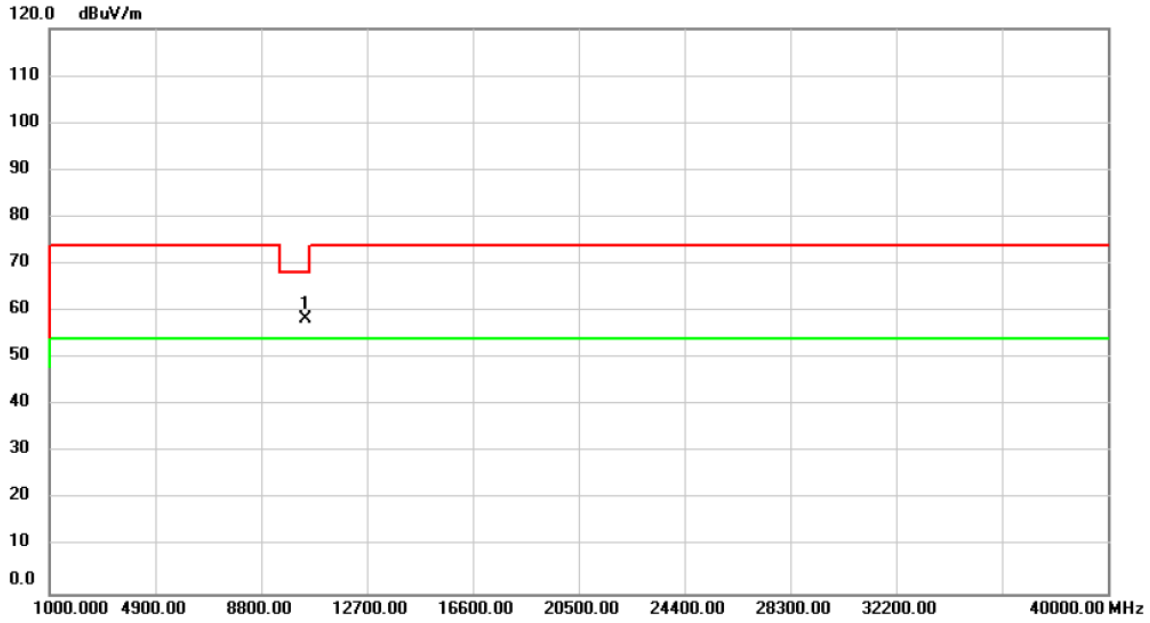
Test Mode	UNII-1_IEEE 802.11ac (VHT80)	Test Date	2020/5/13
Test Frequency	CH42: 5210 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	54.31	3.76	58.07	68.20	-10.13	peak	

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

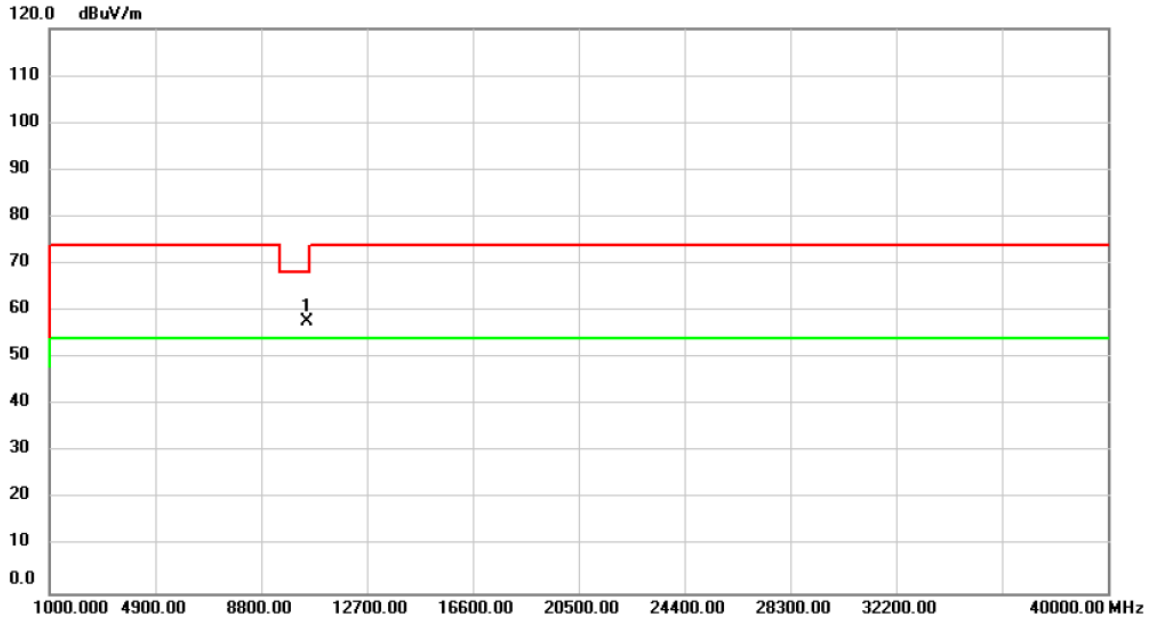
Test Mode	UNII-1_IEEE 802.11ac (VHT80)	Test Date	2020/5/13
Test Frequency	CH42: 5210 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10420.00	54.62	3.76	58.38	68.20	-9.82	peak	

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

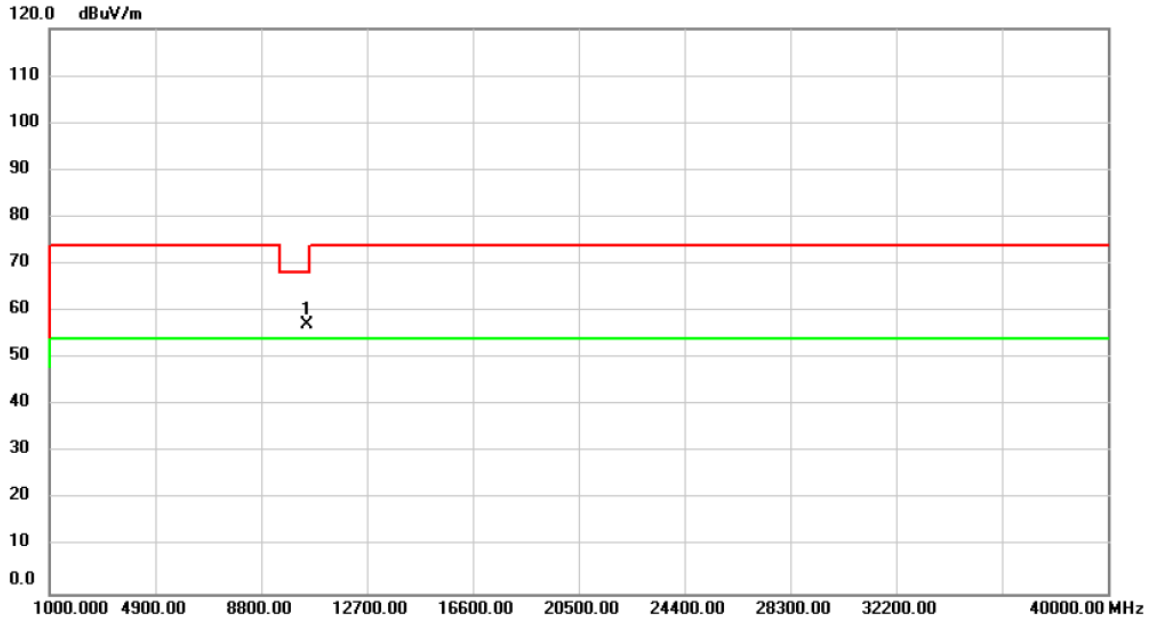
Test Mode	UNII-1_IEEE 802.11ac (VHT160)	Test Date	2020/5/13
Test Frequency	CH50: 5250 MHz	Polarization	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10500.00	53.76	3.87	57.63	68.20	-10.57	peak	

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

Test Mode	UNII-1_IEEE 802.11ac (VHT160)	Test Date	2020/5/13
Test Frequency	CH50: 5250 MHz	Polarization	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10500.00	53.37	3.87	57.24	68.20	-10.96	peak	

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

APPENDIX D CONDUCTED OUTPUT POWER

Test Mode	IEEE 802.11a_Main Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	11.39	0.0138	24.00	0.250	Complies
5200	11.41	0.0138	24.00	0.250	Complies
5240	11.40	0.0138	24.00	0.250	Complies

Test Mode	IEEE 802.11a_Aux Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	18.58	0.0721	24.00	0.250	Complies
5200	18.56	0.0718	24.00	0.250	Complies
5240	18.51	0.0710	24.00	0.250	Complies

Test Mode	IEEE 802.11n (HT20)_Main Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	11.32	0.0136	24.00	0.250	Complies
5200	11.38	0.0137	24.00	0.250	Complies
5240	11.36	0.0137	24.00	0.250	Complies

Test Mode	IEEE 802.11n (HT20)_Aux Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	17.02	0.0504	24.00	0.250	Complies
5200	18.68	0.0738	24.00	0.250	Complies
5240	18.47	0.0703	24.00	0.250	Complies

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2020/5/25

Frequency (MHz)	Main Conducted Power (dBm)	Aux Conducted Power (dBm)	Total Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5180	8.35	8.43	11.40	0.0138	24.00	0.250	Complies
5200	8.51	8.28	11.41	0.0138	24.00	0.250	Complies
5240	8.33	8.39	11.37	0.0137	24.00	0.250	Complies

Test Mode	IEEE 802.11n (HT40)_Main Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5190	11.52	0.0142	24.00	0.250	Complies
5230	11.31	0.0135	24.00	0.250	Complies

Test Mode	IEEE 802.11n (HT40)_Aux Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5190	18.02	0.0634	24.00	0.250	Complies
5230	18.88	0.0773	24.00	0.250	Complies

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2020/5/25

Frequency (MHz)	Main Conducted Power (dBm)	Aux Conducted Power (dBm)	Total Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5190	8.29	8.31	11.31	0.0135	24.00	0.250	Complies
5230	8.21	8.39	11.31	0.0135	24.00	0.250	Complies

Test Mode	IEEE 802.11ac (VHT80)_Main Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5210	11.43	0.0139	24.00	0.250	Complies

Test Mode	IEEE 802.11ac (VHT80)_Aux Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5210	17.86	0.0611	24.00	0.250	Complies

Test Mode	IEEE 802.11ac (VHT80)_Total	Tested Date	2020/5/25

Frequency (MHz)	Main Conducted Power (dBm)	Aux Conducted Power (dBm)	Total Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5210	8.41	8.37	11.40	0.0138	24.00	0.250	Complies

Test Mode	IEEE 802.11ac (VHT160)_Main Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5250	11.42	0.0139	24.00	0.250	Complies

Test Mode	IEEE 802.11ac (VHT160)_Aux Antenna	Tested Date	2020/5/25

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5250	12.87	0.0194	24.00	0.250	Complies

Test Mode	IEEE 802.11ac (VHT160)_Total	Tested Date	2020/5/25

Frequency (MHz)	Main Conducted Power (dBm)	Aux Conducted Power (dBm)	Total Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5250	8.36	8.31	11.35	0.0136	24.00	0.250	Complies

End of Test Report