

TEST REPORT

Reference No. : WTD26D06155087W005
FCC ID..... : 2AEPIBLACKC2
Applicant..... : COLOMBIANA DE COMERCIO S.A.
Address : Car. 43E No 8-71, Medellin, Colombia
Manufacturer : Mobiwire Mobiles (Ningbo) Co.,Ltd
Address : No. 518, Changting East Road, Yuelin Street, Fenghua District,
Ningbo City, Zhejiang Province, China
Product..... : Smart Phone
Model(s)..... : Black C2
Brand Name..... : Kalley
Standards..... : FCC 47CFR Part 15 Section 15.407
Date of Receipt sample..... : 2026-06-04
Date of Test..... : 2026-06-04 to 2026-07-04
Date of Issue : 2026-07-17
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company.

The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Prepared By:

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3 Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTD26D06155087W005	2026-06-04	2026-06-04 to 2026-07-04	2026-07-17	Original	-	Valid

4 General Information

4.1 General Description of E.U.T.

Product:	Smart Phone
Model(s):	Black C2
Model Description:	N/A
Test Sample No.:	1-1/1
Wi-Fi Specification:	5G-802.11a/n(HT20/40)/ac(VHT20/40/80)
Hardware Version:	V00
Software Version:	Kalley_BLACK_C2_V01_20260520_FCC

4.2 Details of E.U.T.

Operation Frequency:	802.11a/n(HT20)/ac (VHT20): U-NII-1: 5180-5240MHz, U-NII-2A: 5260-5320MHz(DFS), U-NII-2C: 5500-5700MHz(DFS), U-NII-3: 5745-5825MHz 802.11n(HT40)/ac (VHT40): U-NII-1: 5190-5230MHz, U-NII-2A: 5270-5310MHz(DFS), U-NII-2C: 5510-5670MHz(DFS), U-NII-3: 5755-5795MHz 802.11ac (VHT80): U-NII-1: 5210MHz, U-NII-2A: 5290MHz(DFS), U-NII-2C: 5530-5610MHz(DFS), U-NII-3: 5775MHz
Max. RF output power:	U-NII-1: 12.11dBm U-NII-2A: 11.84dBm U-NII-2C: 12.11dBm U-NII-3: 11.96dBm
Type of Modulation:	OFDM
Antenna installation:	FPC Antenna
Antenna Gain:	U-NII-1: -1.02dBi U-NII-2A: -1.21dBi U-NII-2C: -0.43dBi U-NII-3: -1.63dBi

Note:

#: The antenna gain is provided by the applicant, and the applicant should be responsible for its authenticity, WALTERK lab has not verified the authenticity of its information.

Ratings: Battery: DC 3.87V, 5900mAh, 22.833Wh

Adapter: Model: 805A-018B-1A
Input: 100-240V~, 50/60Hz, 0.5A
Output: 5.0V===3.0A, 9.0V===2.0A, 12.0V===1.5A MAX

4.3 Channel List

U-NII-1 (5.15-5.25GHz)			
channel	Frequency(MHz)	channel	Frequency(MHz)
36	5180	38	5190
40	5200	42	5210
44	5220	46	5230
48	5240		

U-NII-2A (5.25-5.35GHz)			
channel	Frequency(MHz)	channel	Frequency(MHz)
52	5260	54	5270
56	5280	58	5290
60	5300	62	5310
64	5320		

U-NII-2C (5.47-5.725GHz)			
channel	Frequency(MHz)	channel	Frequency(MHz)
100	5500	102	5510
104	5520	106	5530
108	5540	110	5550
112	5560	116	5580
118	5590	120	5600
122	5610	124	5620
126	5630	128	5640
132	5660	134	5670
136	5680	140	5700

U-NII-3 (5.725-5.85GHz)			
channel	Frequency(MHz)	channel	Frequency(MHz)
149	5745	151	5755
153	5765	155	5775
157	5785	159	5795
161	5805	165	5825

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11a/n/ac(VHT20):

channel	Frequency(MHz)	channel	Frequency(MHz)
36	5180	40	5200
48	5240		

channel	Frequency(MHz)	channel	Frequency(MHz)
52	5260	56	5280
64	5320		

channel	Frequency(MHz)	channel	Frequency(MHz)
100	5500	120	5600
140	5700		

channel	Frequency(MHz)	channel	Frequency(MHz)
149	5745	157	5785
165	5825		

For 802.11n/ac(VHT40):

channel	Frequency(MHz)	channel	Frequency(MHz)
38	5190	46	5230

channel	Frequency(MHz)	channel	Frequency(MHz)
54	5270	62	5310

channel	Frequency(MHz)	channel	Frequency(MHz)
102	5510	110	5550
134	5670		

channel	Frequency(MHz)	channel	Frequency(MHz)
151	5755	159	5795

For 802.11ac(VHT80):

channel	Frequency(MHz)	channel	Frequency(MHz)
42	5210		

channel	Frequency(MHz)	channel	Frequency(MHz)
58	5290		

channel	Frequency(MHz)	channel	Frequency(MHz)
106	5530	122	5610

channel	Frequency(MHz)	channel	Frequency(MHz)
155	5775		

4.4 Test Mode Description

During testing, Channel and Power Controlling Software provided by the applicant was used to control the operating channel as well as the maximum output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Transmitting duty cycle is no less 98%.

The EUT is configured in Engineering mode..

Test Items	Mode	Data Rate	TX/RX
Radiated Emissions	802.11a	6 Mbps	TX
	802.11n/ac(HT20/40)	MCS0	TX
	802.11ac(80)	MCS0	TX
Duty Cycle	802.11a	6 Mbps	TX
	802.11n/ac(HT20/40)	MCS0	TX
	802.11ac(80)	MCS0	TX
Band Edge	802.11a	6 Mbps	TX
	802.11n/ac(HT20/40)	MCS0	TX
	802.11ac(80)	MCS0	TX
6dB Bandwidth	802.11a	6 Mbps	TX
	802.11n/ac(HT20/40)	MCS0	TX
	802.11ac(80)	MCS0	TX
26dB Bandwidth and 99% Occupied Bandwidth	802.11a	6 Mbps	TX
	802.11n/ac(HT20/40)	MCS0	TX
	802.11ac(80)	MCS0	TX
Conducted Output Power	802.11a	6 Mbps	TX
	802.11n/ac(HT20/40)	MCS0	TX
	802.11ac(80)	MCS0	TX
Power Spectral Density	802.11a	6 Mbps	TX
	802.11n/ac(HT20/40)	MCS0	TX
	802.11ac(80)	MCS0	TX
Frequency Stability	Un-modulation	/	TX

4.5 Test Facility

The test facility has a test site registered with the following organizations:

ISED CAB identifier: CN0013. Test Firm Registration No.: 7760A.

Waltek Testing Group Co., Ltd. Has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files.

Registration number 7760A, October 15, 2016.

FCC Designation No.: CN1201. Test Firm Registration No.: 523476.

Waltek Testing Group Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration number 523476, September 10, 2019.

5 Equipment Used during Test

5.1 Equipments List

Conducted Emissions Test Site 2#						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1	EMI Test Receiver	R&S	ESCI	101155	2025-07-04 2026-07-01	2026-07-03 2027-06-30
2	LISN	SCHWARZBECK	NSLK 8128	8128-259	2026-06-02	2027-06-01
3	Pulse Limiter	CYBERTEK	EM5010	261115-001-0024	2025-07-04 2026-07-01	2026-07-03 2027-06-30
4	Cable	Laplace	RF300	-	2025-07-04 2026-07-01	2026-07-03 2027-06-30
3m Semi-anechoic Chamber for Radiation Emissions Test site 1#						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1	Spectrum Analyzer	R&S	FSP30	100091	2026-04-07	2027-04-06
2	Amplifier	Agilent	8447D	2944A10178	2025-07-04 2026-07-01	2026-07-03 2027-06-30
3	Trilog Broadband Antenna	SCHWARZBECK	VULB9163	336	2025-07-20	2026-07-19
4	Coaxial Cable (below 1GHz)	Top	TYPE16(13M)	-	2026-04-07	2027-04-06
5	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1314	2025-08-09	2026-08-08
6	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9170	335	2025-07-04 2026-07-01	2026-07-03 2027-06-30
7	Broadband Preamplifier	COMPLIANCE DIRECTION	PAP-1G18	NA	2025-07-04 2026-07-01	2026-07-03 2027-06-30
8	Coaxial Cable (above 1GHz)	ZT26-NJ-NJ-8M/FA	1GHz-18GHz	336	2026-04-07	2027-04-06
9	Microwave Amplifier	SCHWARZBECK	BBV 9721	100472	2025-07-04 2026-07-01	2026-07-03 2027-06-30
10	Coaxial Cable	Top	ZT40-2.92J-2.92J-2.0M	17100919	2025-07-08	2026-07-07
3m Semi-anechoic Chamber for Radiation Emissions Test site 2#						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1	Test Receiver	R&S	ESCI	101296	2026-04-07	2027-04-06
2	Trilog Broadband Antenna	SCHWARZBECK	VULB9160	9160-3325	2025-07-05	2026-07-04
3	Active Loop Antenna	Com-Power Corp.	AL-130R	10160007	2026-04-19	2027-04-18
4	Amplifier	ANRITSU	MH648A	M43381	2026-04-07	2027-04-06
5	Cable	HUBER+SUHNER	CBL2	525178	2026-04-07	2027-04-06

RF Conducted Testing						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1.	Spectrum Analyzer	R&S	FSP40	100501	2025-07-04 2026-07-01	2026-07-03 2027-06-30
2.	EXA Signal Analyzer	Malaysia Keysight	N9010A	MY50520207	2026-04-07	2027-04-06

Test Software:

Test Item	Software name	Software version
Conduction disturbance Radiated Emission(3m)	EZ-EMC	EZ-EMC(RA-03A1-1)

5.2 Description of Support Units

Equipment	Manufacturer	Model No.	Series No.
/	/	/	/

5.3 Measurement Uncertainty

Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-6}$
RF Power	± 1.0 dB
RF Power Density	± 2.2 dB
Radiated Spurious Emissions test	± 5.03 dB (30M~1000MHz)
	± 5.47 dB (1000M~40000MHz)
Conducted Spurious Emissions test	± 3.64 dB (AC mains 150KHz~30MHz)

6 Test Summary

Test Items	Test Requirement	Result
Conducted Emissions	15.207(a)	PASS
Radiated Emissions	15.407(a) 15.205(a) 15.209(a)	PASS
Duty Cycle	KDB 789033	PASS
6dB Bandwidth	15.407(a)	PASS
26 dB Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	PASS
Maximum Conducted Output Power	15.407(a)	PASS
Power Spectral Density	15.407(a)	PASS
Restricted bands around fundamental frequency	15.407(a)	PASS
Antenna Requirement	15.203	PASS
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	1.1307(b)(1)	PASS

7 Duty cycle

Test Requirement:	FCC 47CFR Part 15 Section 15.407 KDB789033 D02 General U-NII Test Procedures New Rules v02r01, Section (B)
Test Method:	ANSI C63.10-2020
Test Limit:	N/A
Test Result:	PASS
Remark:	Through Pre-scan, and found 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.

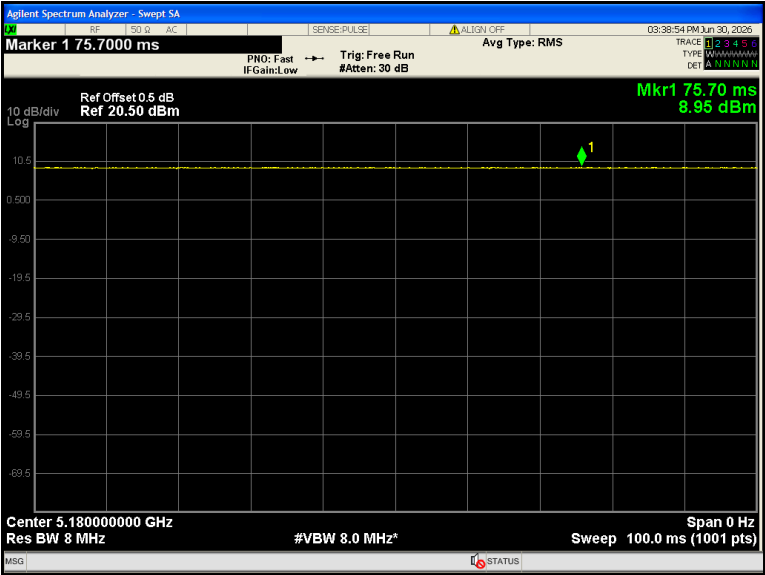
7.1 Summary of Test Results

Type of Modulation	On time ms	Period ms	Duty Cycle linear	Duty Cycle %	Duty Cycle Factor(dB)	Average Factor(dB)
U-NII-1 802.11a	100	100	1.00	100.00	0.00	0.00
U-NII-1 802.11n(HT20)	100	100	1.00	100.00	0.00	0.00
U-NII-1 802.11n(HT40)	100	100	1.00	100.00	0.00	0.00
U-NII-1 802.11ac(VHT20)	100	100	1.00	100.00	0.00	0.00
U-NII-1 802.11ac(VHT40)	100	100	1.00	100.00	0.00	0.00
U-NII-1 802.11ac(VHT80)	100	100	1.00	100.00	0.00	0.00
U-NII-2A 802.11a	100	100	1.00	100.00	0.00	0.00
U-NII-2A 802.11n(HT20)	100	100	1.00	100.00	0.00	0.00
U-NII-2A 802.11n(HT40)	100	100	1.00	100.00	0.00	0.00
U-NII-2A 802.11ac(VHT20)	100	100	1.00	100.00	0.00	0.00
U-NII-2A 802.11ac(VHT40)	100	100	1.00	100.00	0.00	0.00
U-NII-2A 802.11ac(VHT80)	100	100	1.00	100.00	0.00	0.00
U-NII-2C 802.11a	100	100	1.00	100.00	0.00	0.00
U-NII-2C 802.11n(HT20)	100	100	1.00	100.00	0.00	0.00
U-NII-2C 802.11n(HT40)	100	100	1.00	100.00	0.00	0.00
U-NII-2C 802.11ac(VHT20)	100	100	1.00	100.00	0.00	0.00
U-NII-2C 802.11ac(VHT40)	100	100	1.00	100.00	0.00	0.00
U-NII-2C 802.11ac(VHT80)	100	100	1.00	100.00	0.00	0.00

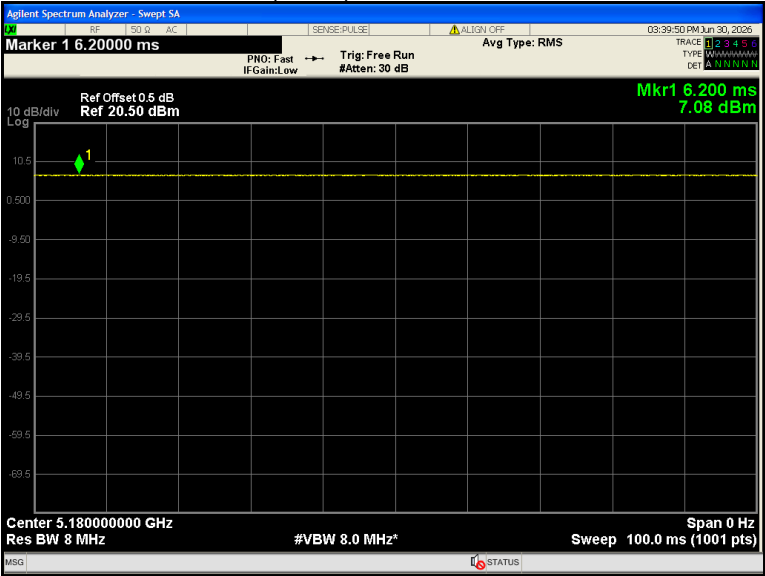
U-NII-3 802.11a	100	100	1.00	100.00	0.00	0.00
U-NII-3 802.11n(HT20)	100	100	1.00	100.00	0.00	0.00
U-NII-3 802.11n(HT40)	100	100	1.00	100.00	0.00	0.00
U-NII-3 802.11ac(VHT20)	100	100	1.00	100.00	0.00	0.00
U-NII-3 802.11ac(VHT40)	100	100	1.00	100.00	0.00	0.00
U-NII-3 802.11ac(VHT80)	100	100	1.00	100.00	0.00	0.00

Test result plots shown as follows:

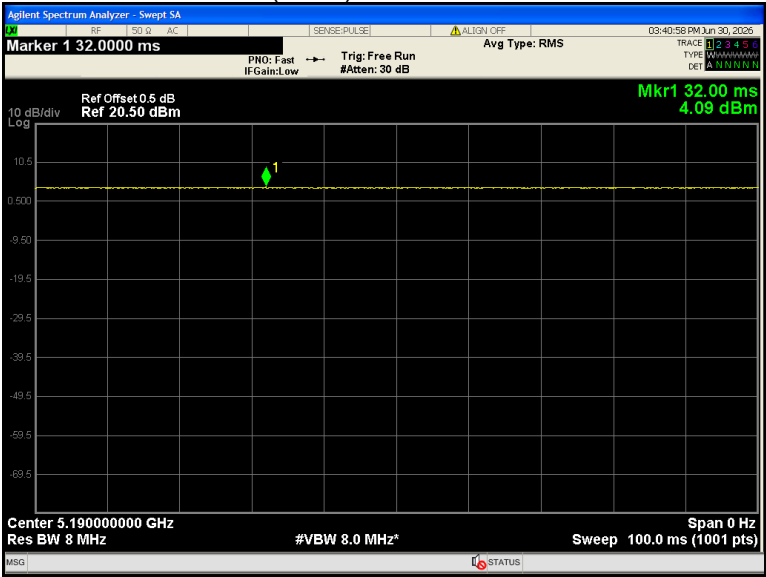
802.11a U-NII-1 Low channel



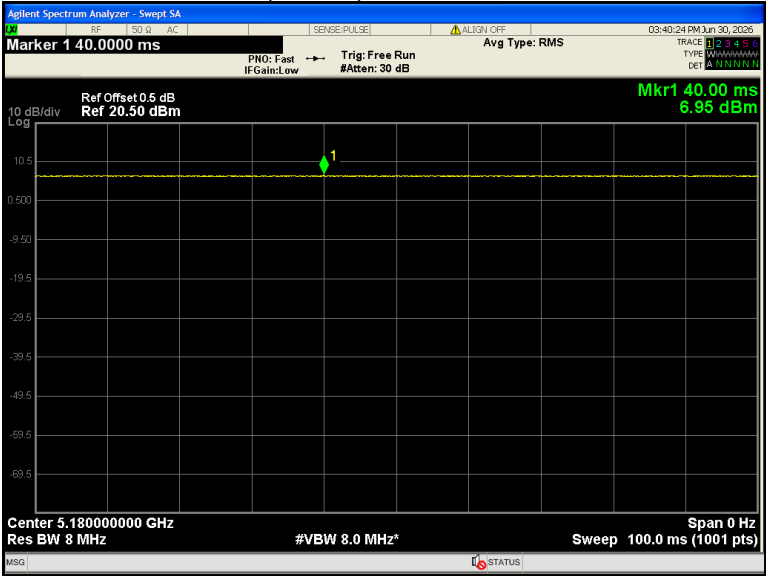
802.11n(HT20) U-NII-1 Low channel



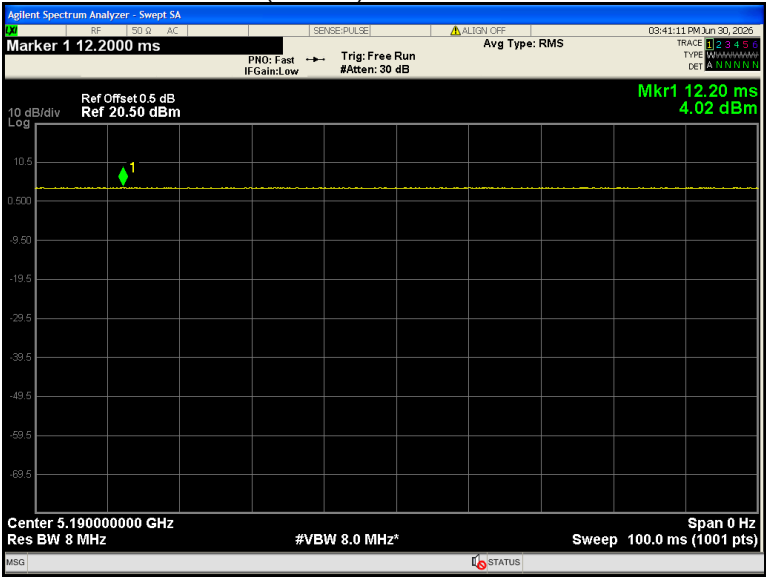
802.11n(HT40) U-NII-1 Low channel



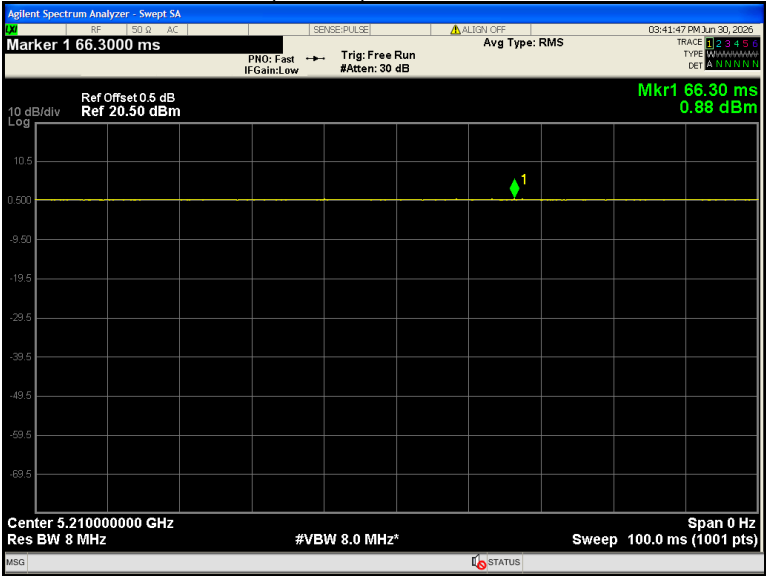
802.11ac(VHT20) U-NII-1 Low channel



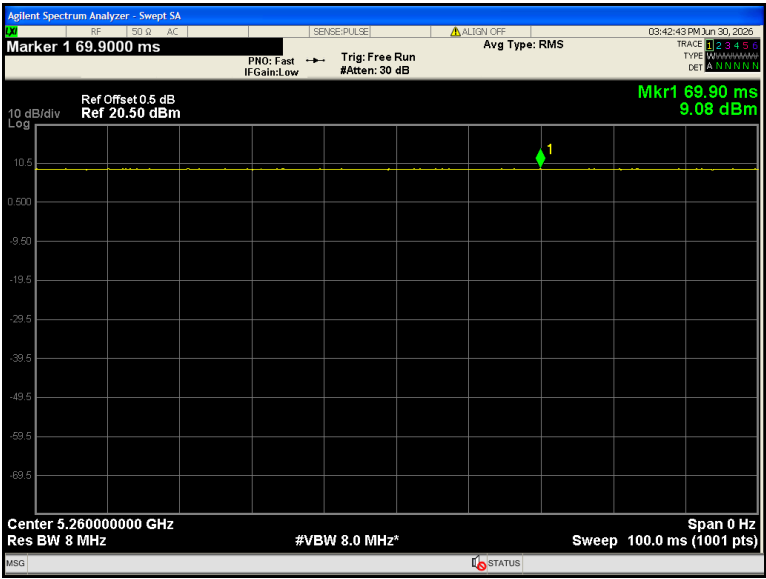
802.11ac(VHT40) U-NII-1 Low channel



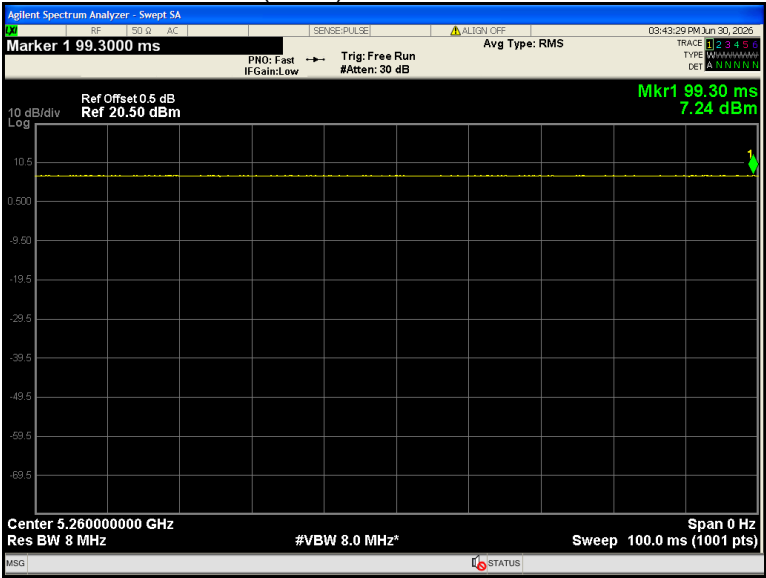
802.11ac(VHT80) U-NII-1 Low channel



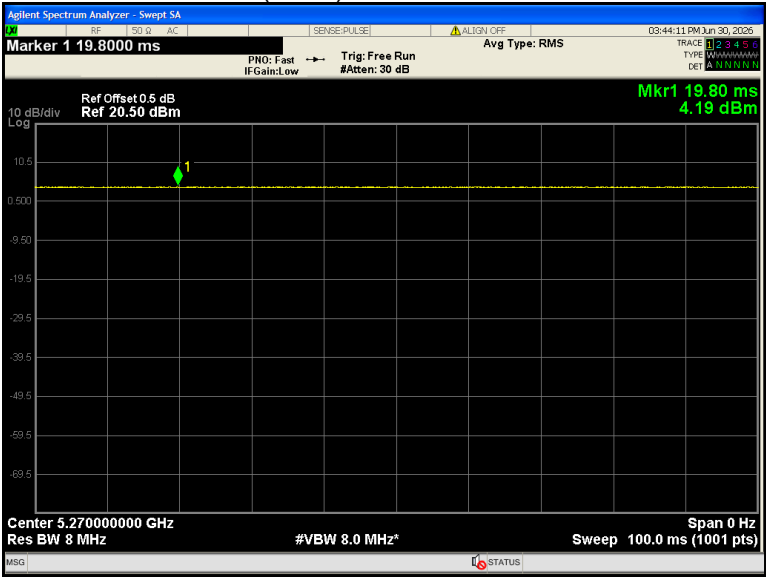
802.11a U-NII-2A Low channel



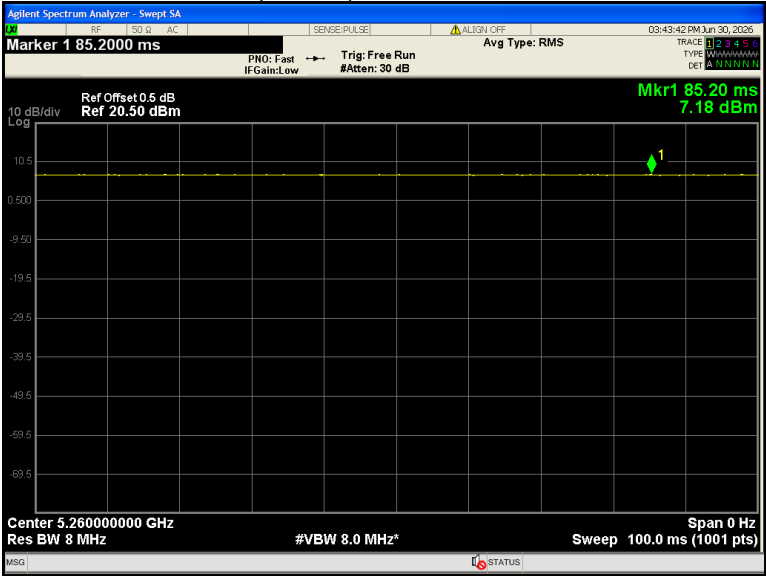
802.11n(HT20) U-NII-2A Low channel



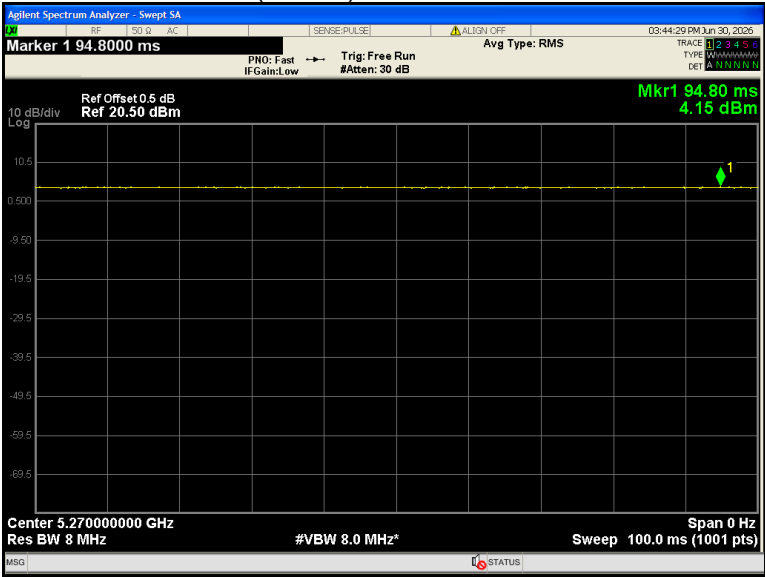
802.11n(HT40) U-NII-2A Low channel



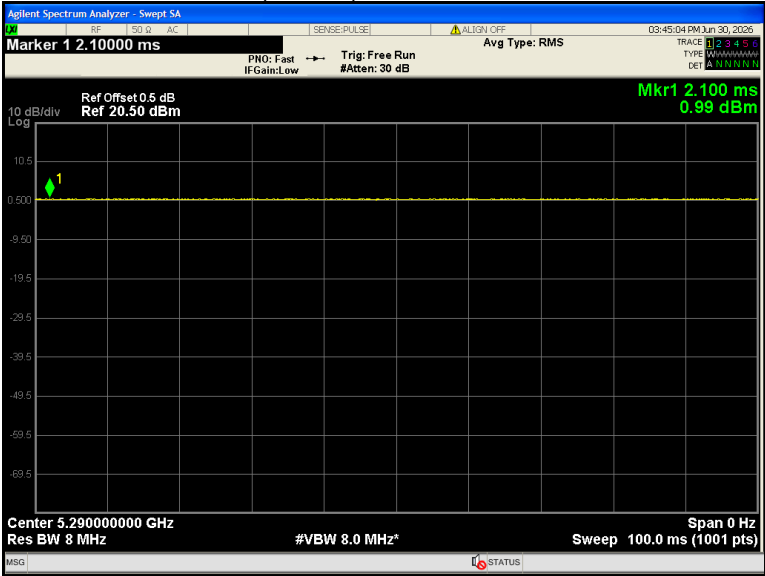
802.11ac(VHT20) U-NII-2A Low channel



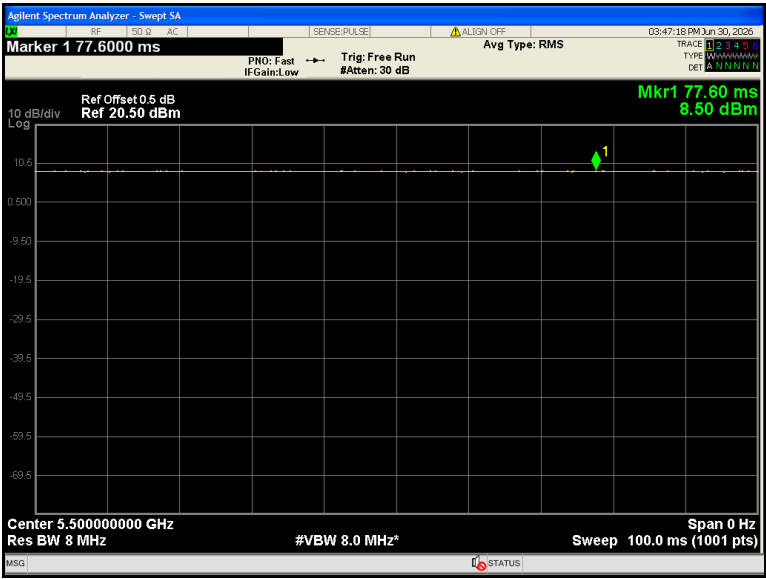
802.11ac(VHT40) U-NII-2A Low channel



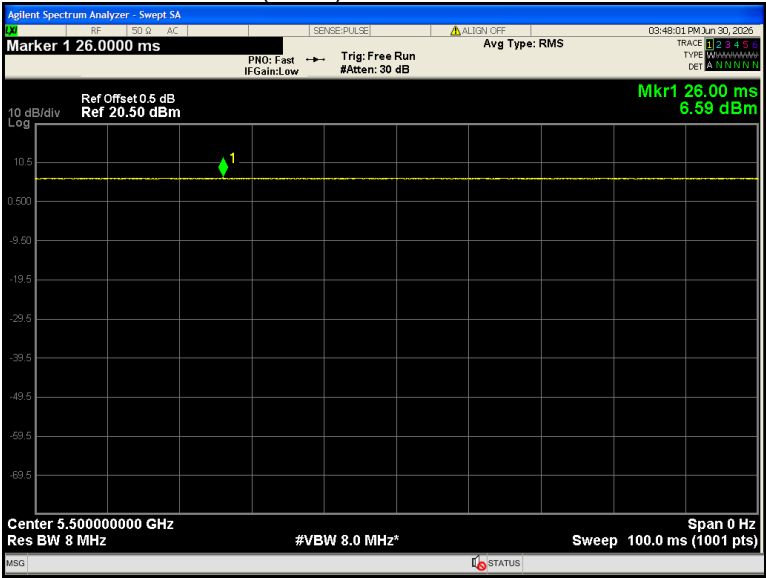
802.11ac(VHT80) U-NII-2A Low channel



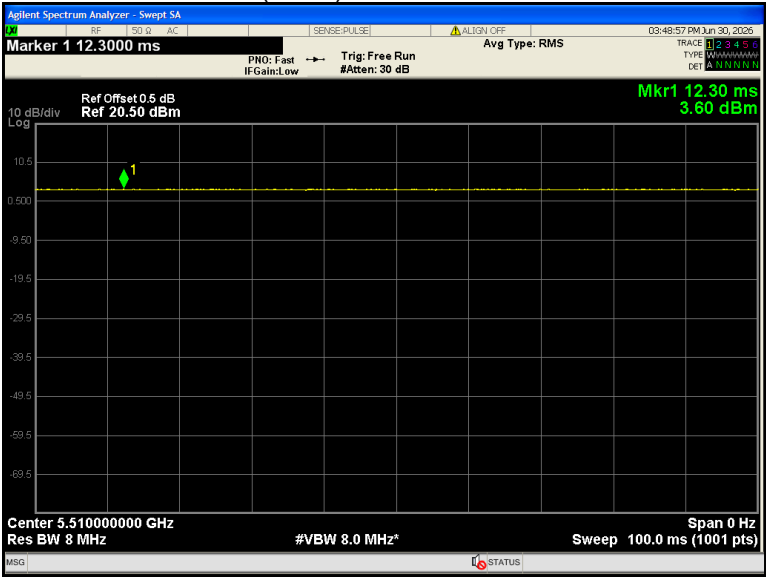
802.11a U-NII-2C Low channel



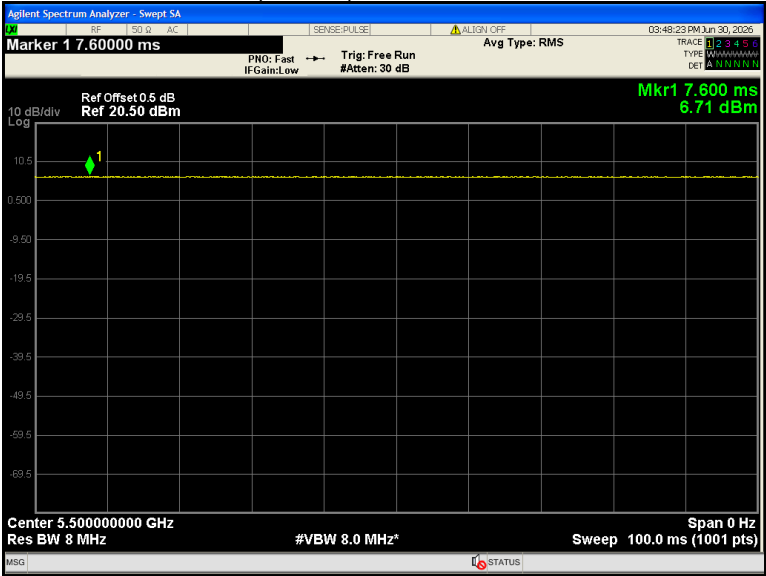
802.11n(HT20) U-NII-2C Low channel



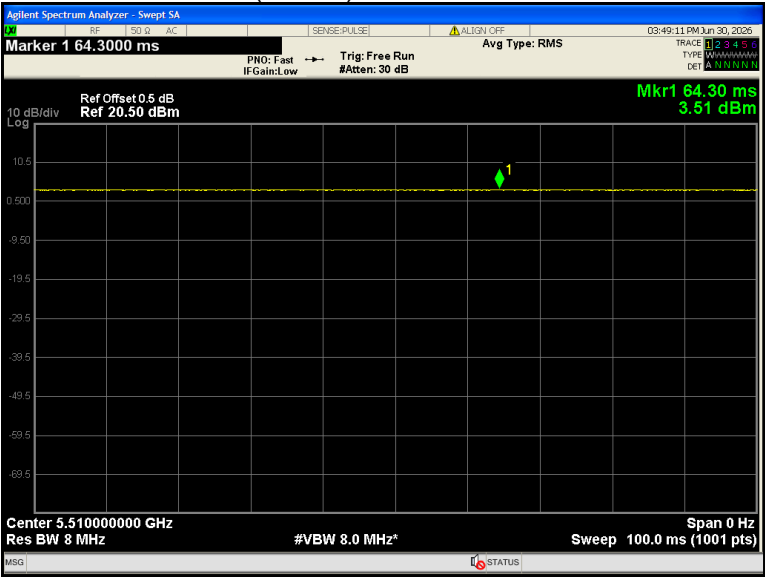
802.11n(HT40) U-NII-2C Low channel



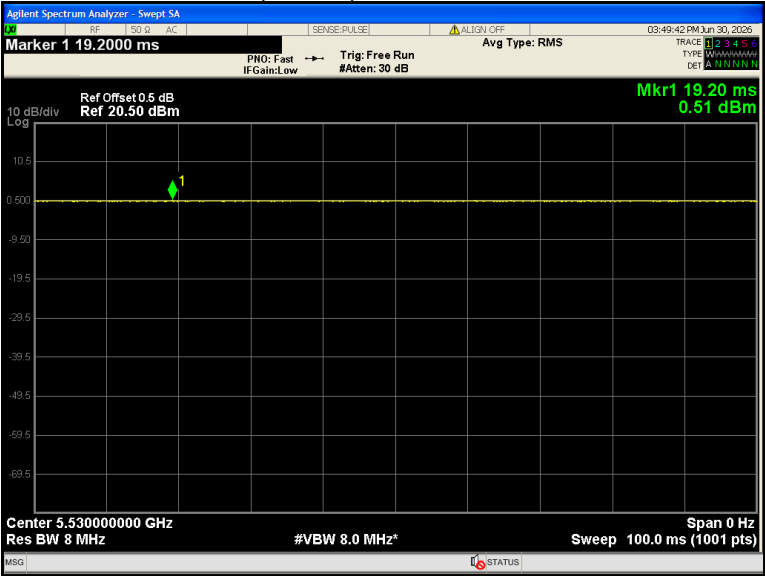
802.11ac(VHT20) U-NII-2C Low channel



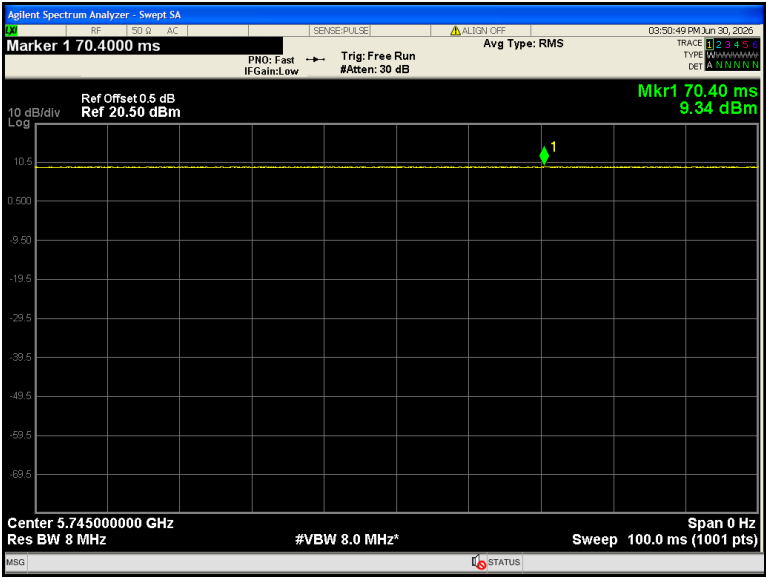
802.11ac(VHT40) U-NII-2C Low channel



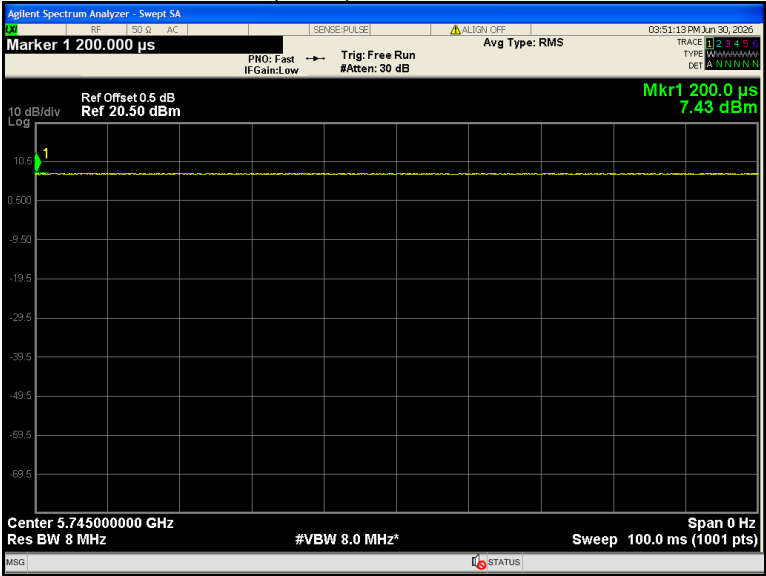
802.11ac(VHT80) U-NII-2C Low channel



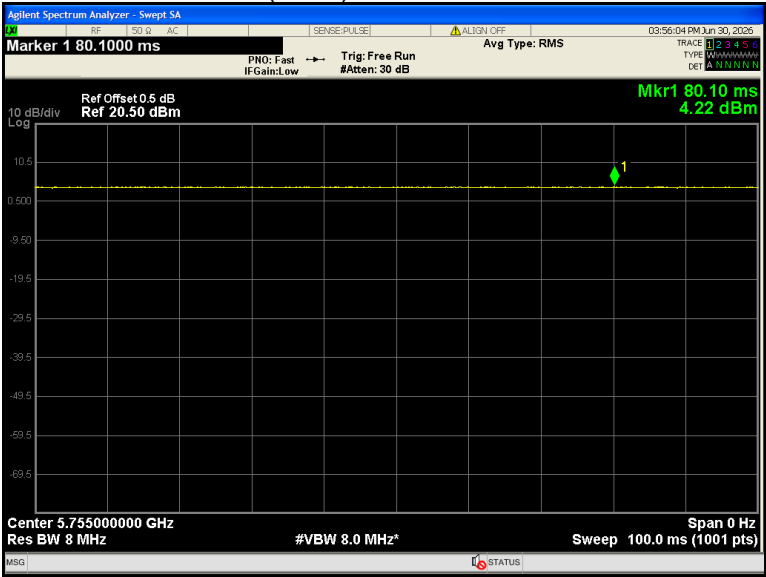
802.11a U-NII-3 Low channel



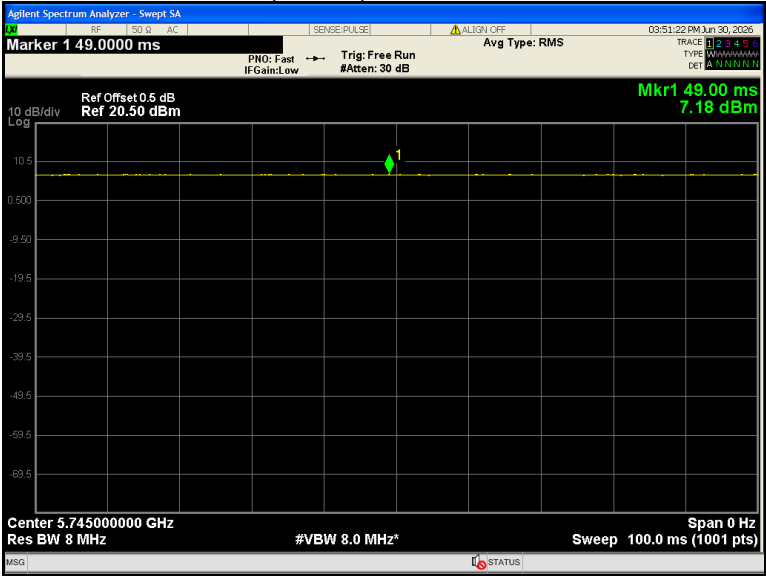
802.11n(HT20) U-NII-3 Low channel



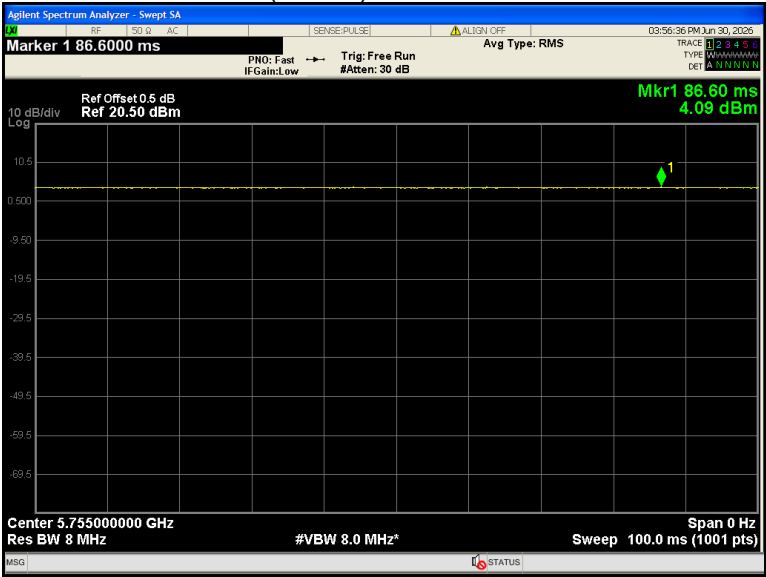
802.11n(HT40) U-NII-3 Low channel



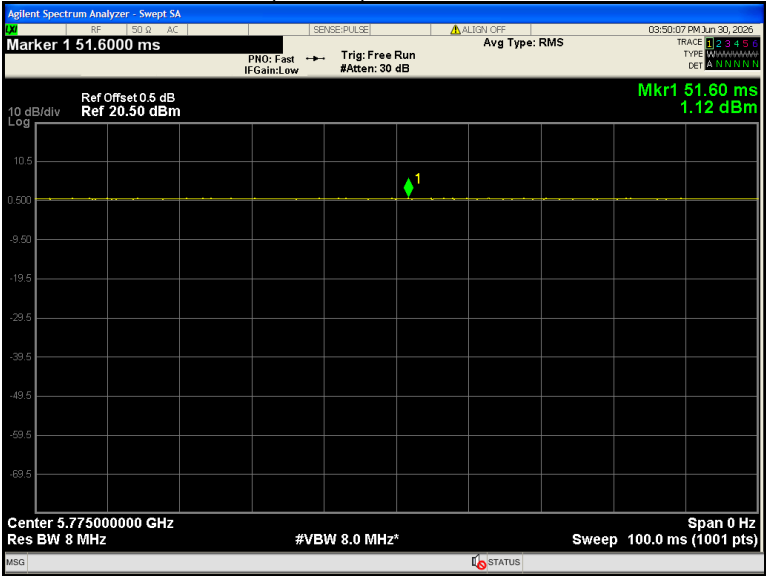
802.11ac(VHT20) U-NII-3 Low channel



802.11ac(VHT40) U-NII-3 Low channel



802.11ac(VHT80) U-NII-3 Low channel



8 Conducted Emission

Test Requirement: FCC 47CFR Part 15 Section 15.207
Test Method: ANSI C63.10-2020
Test Result: PASS
Frequency Range: 150kHz to 30MHz
Limit:

Frequency (MHz)	Limit (B μ V)	
	Quasi-peak	Average
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	5	46
5 o 30	60	50

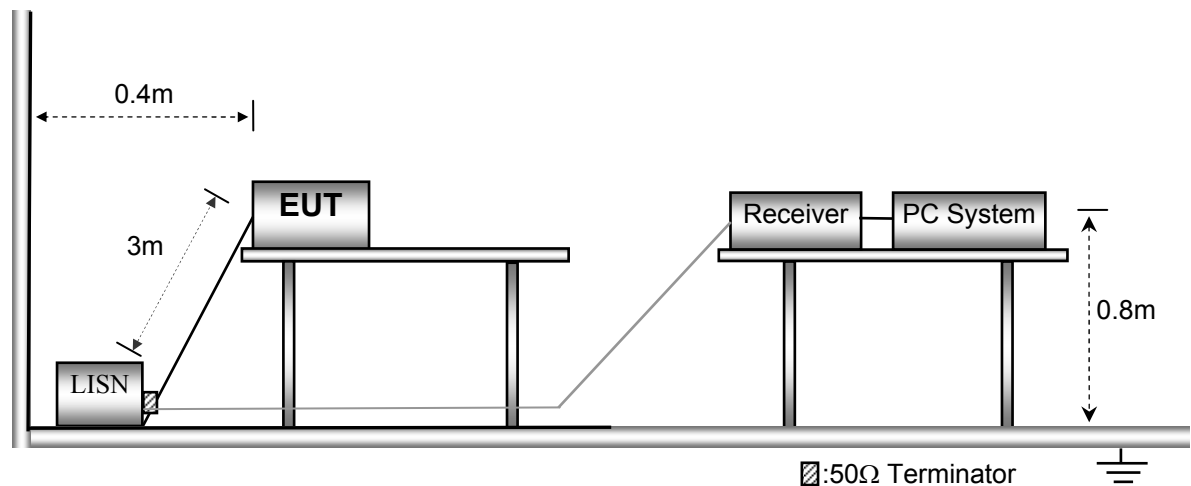
8.1 E.U.T. Operation

Operating Environment :
Temperature: 24.2°C
Humidity: 59.2%RH
Atmospheric Pressure: 101.5kPa

EUT Operation :
The test was performed in transmitting mode, the test data were shown in the report.

8.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10-2020.



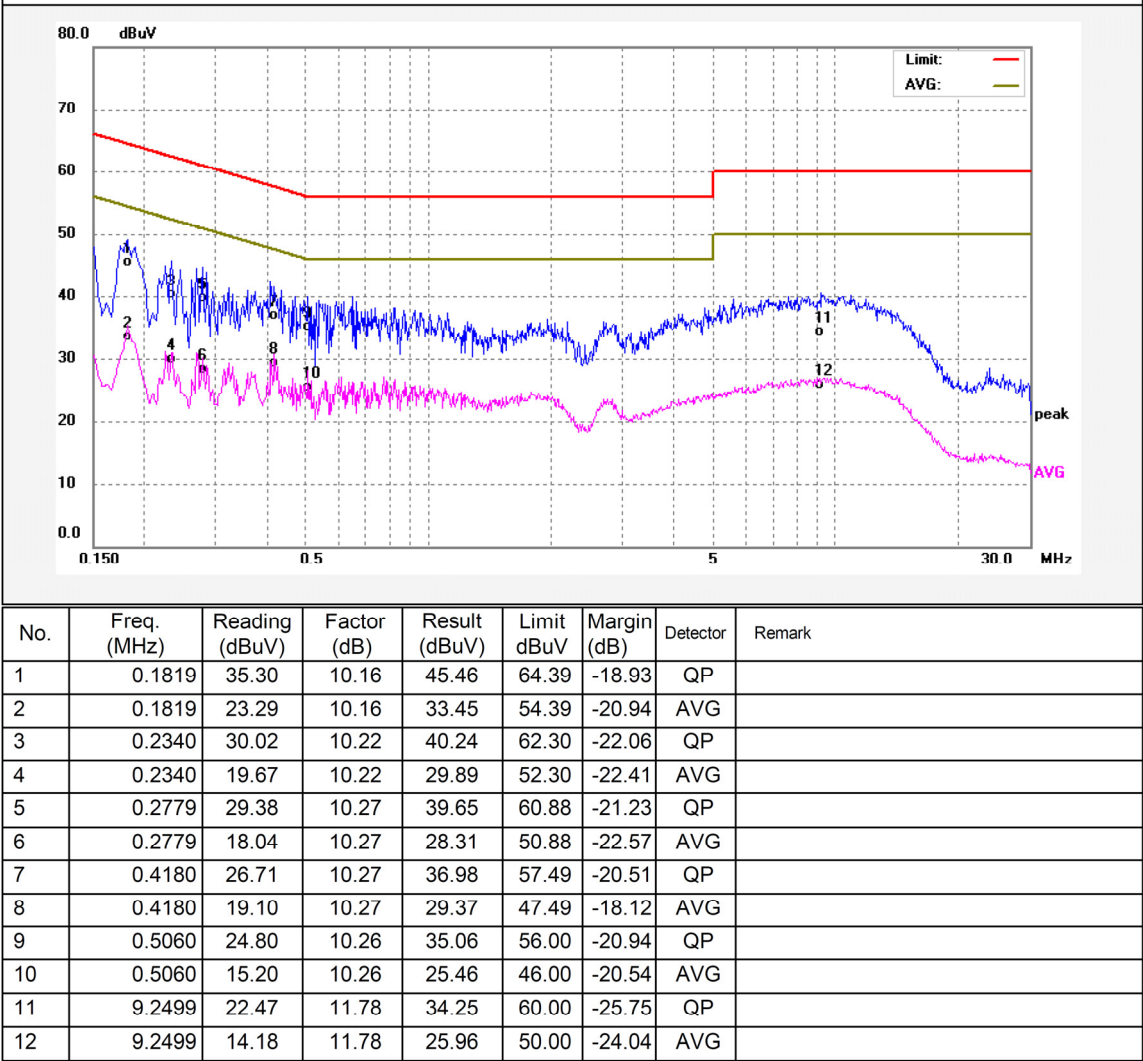
8.3 Measurement Description

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

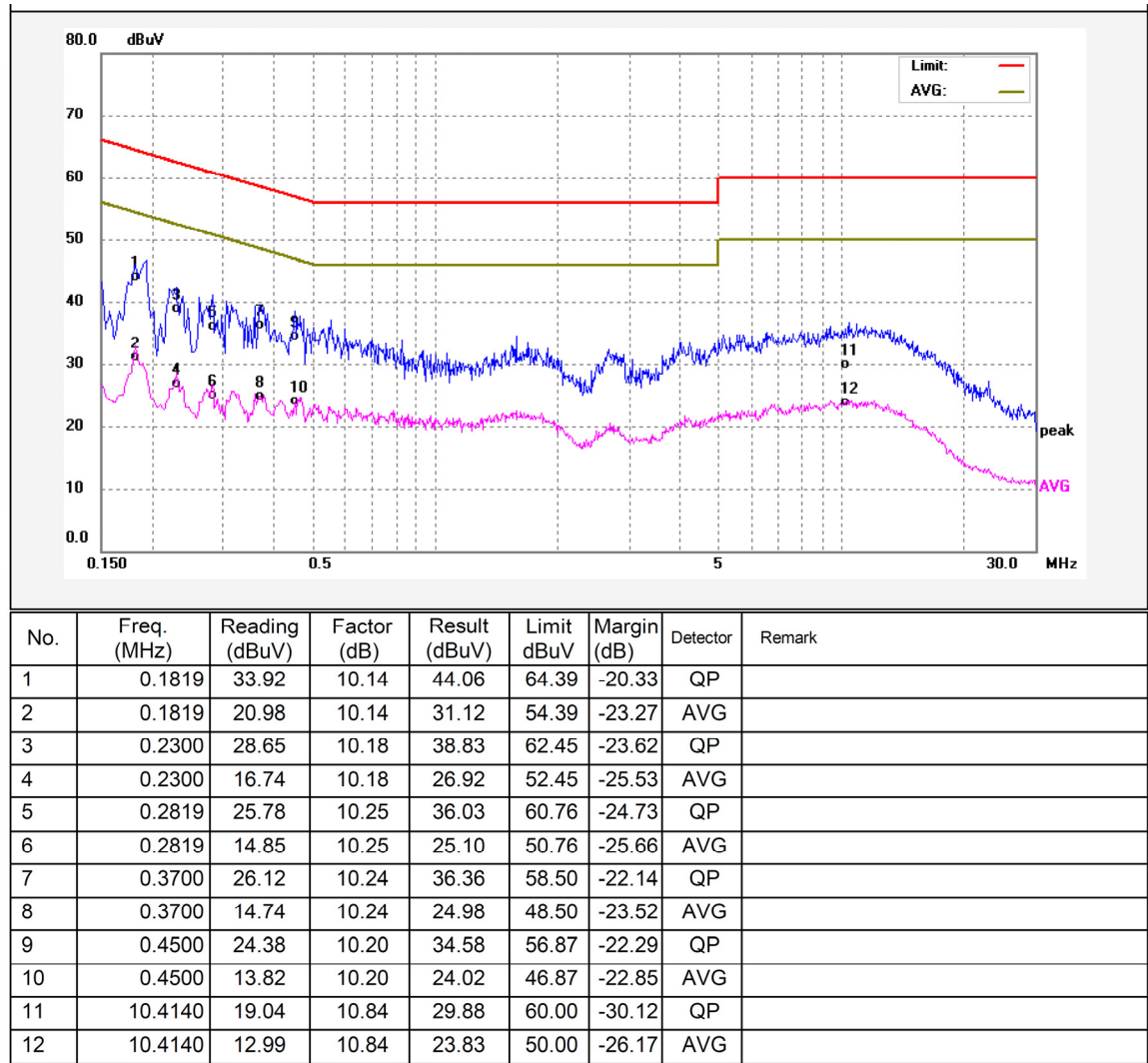
8.4 Conducted Emission Test Result

Remark: only the worst data (U-NII-1 802.11a High channel mode) were reported

Live line:



Neutral line:



9 Radiated Emissions

Test Requirement: FCC 47CFR Part 15 Section 15.209 & 15.407

Test Method: ANSI C63.10-2020

Test Result: PASS

Measurement Distance: 3m

Limit:

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Distance	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	$2400/F(\text{kHz})$	300	$10000 * 2400/F(\text{kHz})$	$20\log^{(2400/F(\text{kHz}))} + 80$
0.490 ~ 1.705	$24000/F(\text{kHz})$	30	$100 * 24000/F(\text{kHz})$	$20\log^{(24000/F(\text{kHz}))} + 40$
1.705 ~ 30	30	30	$100 * 30$	$20\log^{(30)} + 40$
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

9.1 EUT Operation

Operating Environment :

Temperature: 25.4°C

Humidity: 48.5%RH

Atmospheric Pressure: 101.4kPa

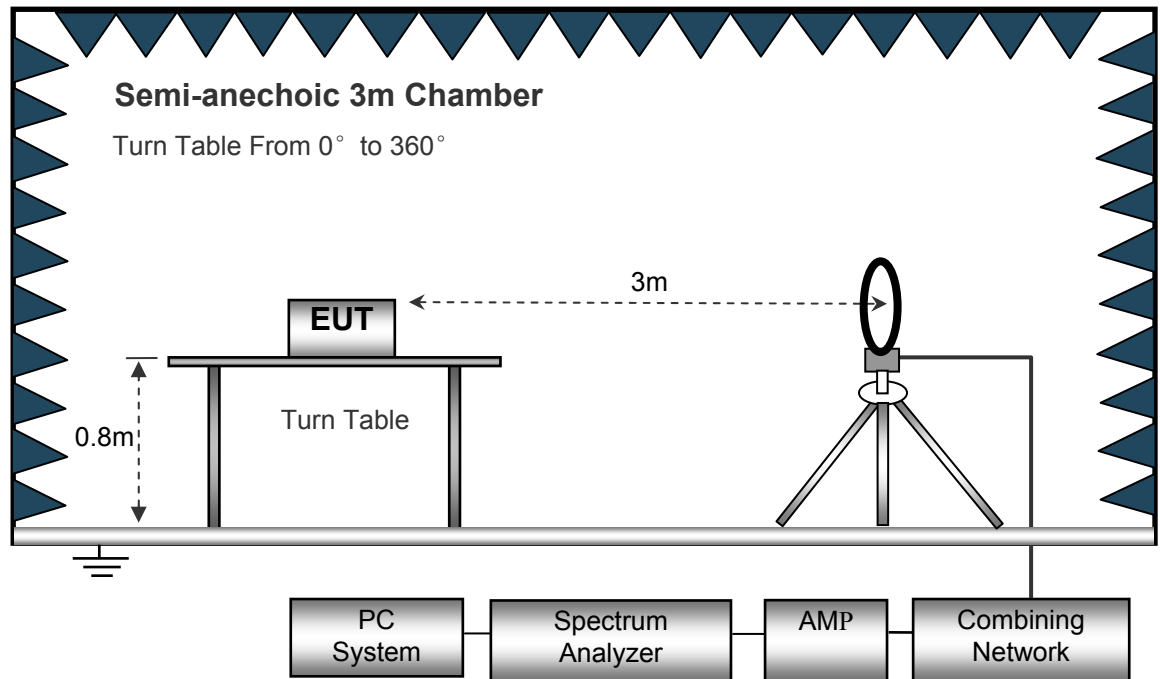
EUT Operation :

The test was performed in transmitting mode, the test data were shown in the report.

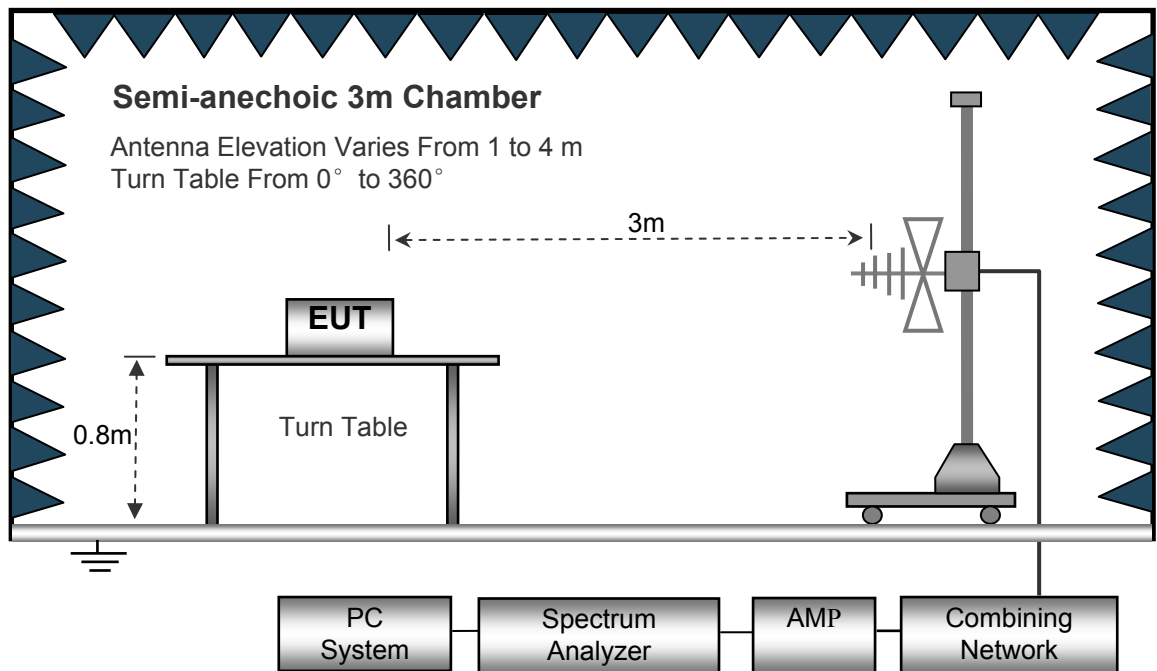
9.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.10-2020.

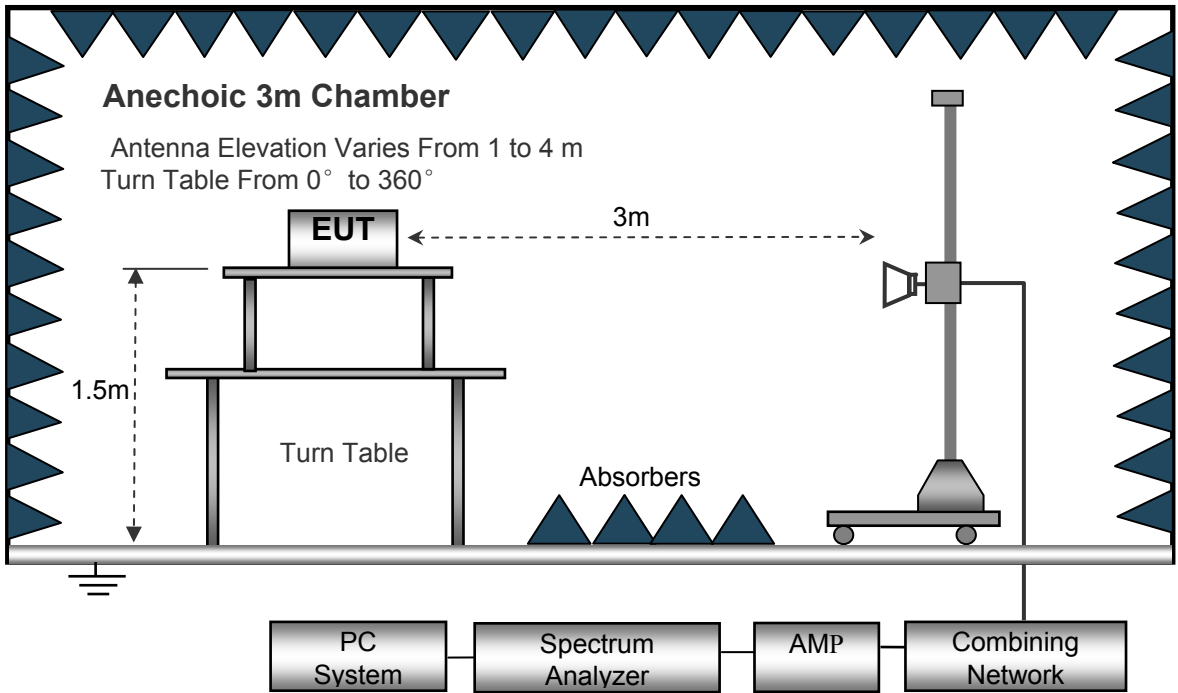
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.



9.3 Spectrum Analyzer Setup

Below 30MHz

Sweep Speed Auto
IF Bandwidth.....10kHz
Video Bandwidth.....10kHz
Resolution Bandwidth.....10kHz

30MHz ~ 1GHz

Sweep Speed Auto
DetectorPK
Resolution Bandwidth.....100kHz
Video Bandwidth.....300kHz

Above 1GHz

Sweep Speed Auto
DetectorPK
Resolution Bandwidth.....1MHz
Video Bandwidth.....3MHz
DetectorAve.
Resolution Bandwidth.....1MHz
Video Bandwidth.....10Hz

9.4 Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above ground plane for below 1GHz and 1.5m for above 1GHz.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The radiation measurements are performed in X,Y and Z axis positioning(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand),the worst condition was tested putting the eut in X axis,so the worst data were shown as follow.
8. A 2.4GHz high –pass filter is used during radiated emissions above 1GHz measurement.

9.5 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Antenna Factor} + \text{Cable Factor} - \text{Amplifier Gain}$$

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the maximum limit for Class B. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{Limit}$$

9.6 Summary of Test Results

Test Frequency: 9KHz~30MHz

The measurements were more than 20 dB below the limit and not reported.

Test Frequency : 30MHz ~ 18GHz

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11a U-NII-1 Low Channel 5180MHz									
285.32	41.02	QP	183	1.8	H	-9.35	31.67	46.00	-14.33
285.32	48.17	QP	20	2.0	V	-9.35	38.82	46.00	-7.18
4536.83	60.02	PK	67	1.5	V	-2.03	57.99	74.00	-16.01
4536.83	46.08	Ave	67	1.5	V	-2.03	44.05	54.00	-9.95
5150.00	71.50	PK	69	1.8	V	-4.93	66.57	74.00	-7.43
5150.00	57.62	Ave	69	1.8	V	-4.93	52.69	54.00	-1.31
10360.00	47.73	PK	110	1.0	V	5.33	53.06	74.00	-20.94
10360.00	34.44	Ave	110	1.0	V	5.33	39.77	54.00	-14.23
802.11a U-NII-1 Middle channel 5200MHz									
285.32	39.55	QP	322	1.3	H	-9.35	30.20	46.00	-15.80
285.32	47.59	QP	97	1.4	V	-9.35	38.24	46.00	-7.76
4533.96	58.69	PK	329	1.9	V	-1.94	56.75	74.00	-17.25
4533.96	44.60	Ave	329	1.9	V	-1.94	42.66	54.00	-11.34
5150.00	55.28	PK	245	1.5	V	-4.93	50.35	74.00	-23.65
5150.00	41.78	Ave	245	1.5	V	-4.93	36.85	54.00	-17.15
10400.00	47.07	PK	236	1.5	V	5.21	52.28	74.00	-21.72
10400.00	33.76	Ave	236	1.5	V	5.21	38.97	54.00	-15.03

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11a U-NII-1 High channel 5240MHz									
285.32	38.37	QP	265	1.4	H	-9.35	29.02	46.00	-16.98
285.32	46.81	QP	136	2.0	V	-9.35	37.46	46.00	-8.54
4535.32	58.59	PK	70	1.4	V	-2.24	56.35	74.00	-17.65
4535.32	43.90	Ave	70	1.4	V	-2.24	41.66	54.00	-12.34
5350.00	60.63	PK	49	1.0	V	-4.41	56.22	74.00	-17.78
5350.00	49.05	Ave	49	1.0	V	-4.41	44.64	54.00	-9.36
10480.00	46.92	PK	135	1.7	V	5.14	52.06	74.00	-21.94
10480.00	34.18	Ave	135	1.7	V	5.14	39.32	54.00	-14.68
802.11a U-NII-2A Low Channel 5260MHz									
285.32	40.66	QP	30	1.4	H	-9.35	31.31	46.00	-14.69
285.32	45.57	QP	34	1.5	V	-9.35	36.22	46.00	-9.78
4538.68	57.09	PK	193	1.9	V	-2.03	55.06	74.00	-18.94
4538.68	44.02	Ave	193	1.9	V	-2.03	41.99	54.00	-12.01
5150.00	59.90	PK	190	1.8	V	-4.93	54.97	74.00	-19.03
5150.00	47.82	Ave	190	1.8	V	-4.93	42.89	54.00	-11.11
10520.00	44.11	PK	81	1.4	V	5.33	49.44	74.00	-24.56
10520.00	33.09	Ave	81	1.4	V	5.33	38.42	54.00	-15.58

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11a U-NII-2A middle channel 5280MHz									
285.32	39.99	QP	293	1.7	H	-9.35	30.64	46.00	-15.36
285.32	45.07	QP	2	1.2	V	-9.35	35.72	46.00	-10.28
4510.74	57.92	PK	15	1.1	V	-1.94	55.98	74.00	-18.02
4510.74	42.36	Ave	15	1.1	V	-1.94	40.42	54.00	-13.58
5150.00	62.90	PK	150	1.2	V	-4.93	57.97	74.00	-16.03
5150.00	47.79	Ave	150	1.2	V	-4.93	42.86	54.00	-11.14
10560.00	43.95	PK	317	1.4	V	5.21	49.16	74.00	-24.84
10560.00	32.40	Ave	317	1.4	V	5.21	37.61	54.00	-16.39
802.11a U-NII-2A High channel 5320MHz									
285.32	38.84	QP	117	1.1	H	-9.35	29.49	46.00	-16.51
285.32	43.66	QP	281	1.8	V	-9.35	34.31	46.00	-11.69
4512.02	56.96	PK	20	1.6	V	-2.24	54.72	74.00	-19.28
4512.02	41.12	Ave	20	1.6	V	-2.24	38.88	54.00	-15.12
5350.00	73.73	PK	112	1.6	V	-4.41	69.32	74.00	-4.68
5350.00	57.04	Ave	112	1.6	V	-4.41	52.63	54.00	-1.37
10640.00	42.91	PK	119	1.4	V	5.14	48.05	74.00	-25.95
10640.00	32.82	Ave	119	1.4	V	5.14	37.96	54.00	-16.04

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11a U-NII-2C Low Channel 5500MHz									
285.32	38.53	QP	345	1.0	H	-9.35	29.18	46.00	-16.82
285.32	44.52	QP	201	1.7	V	-9.35	35.17	46.00	-10.83
4529.06	52.52	PK	292	1.4	V	-2.03	50.49	74.00	-23.51
4529.06	40.96	Ave	292	1.4	V	-2.03	38.93	54.00	-15.07
5458.63	67.96	PK	355	1.4	V	-4.42	63.54	74.00	-10.46
5458.63	50.52	Ave	355	1.4	V	-4.42	46.10	54.00	-7.90
11000.00	43.14	PK	352	1.2	V	5.33	48.47	74.00	-25.53
11000.00	35.33	Ave	352	1.2	V	5.33	40.66	54.00	-13.34
802.11a U-NII-2C Middle channel 5600MHz									
285.32	38.02	QP	228	1.9	H	-9.35	28.67	46.00	-17.33
285.32	44.14	QP	35	1.4	V	-9.35	34.79	46.00	-11.21
4514.57	51.33	PK	168	1.6	V	-1.94	49.39	74.00	-24.61
4514.57	40.59	Ave	168	1.6	V	-1.94	38.65	54.00	-15.35
5459.02	58.33	PK	239	1.2	V	-4.42	53.91	74.00	-20.09
5459.02	46.86	Ave	239	1.2	V	-4.42	42.44	54.00	-11.56
11200.00	42.76	PK	144	1.5	V	5.21	47.97	74.00	-26.03
11200.00	34.47	Ave	144	1.5	V	5.21	39.68	54.00	-14.32

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11a U-NII-2C High channel 5700MHz									
285.32	39.04	QP	117	1.4	H	-9.35	29.69	46.00	-16.31
285.32	44.39	QP	162	1.0	V	-9.35	35.04	46.00	-10.96
4506.29	51.67	PK	212	1.7	V	-2.24	49.43	74.00	-24.57
4506.29	38.63	Ave	212	1.7	V	-2.24	36.39	54.00	-17.61
5458.83	57.39	PK	142	1.7	V	-4.42	52.97	74.00	-21.03
5458.83	46.62	Ave	142	1.7	V	-4.42	42.20	54.00	-11.80
11400.00	42.77	PK	266	1.7	V	5.14	47.91	74.00	-26.09
11400.00	35.24	Ave	266	1.7	V	5.14	40.38	54.00	-13.62
802.11a U-NII-3 Low Channel 5745MHz									
285.32	40.32	QP	282	1.7	H	-9.35	30.97	46.00	-15.03
285.32	46.80	QP	205	1.7	V	-9.35	37.45	46.00	-8.55
4521.76	57.94	PK	205	1.0	V	-2.06	55.88	74.00	-18.12
4521.76	43.73	Ave	205	1.0	V	-2.06	41.67	54.00	-12.33
5458.49	59.23	PK	238	1.5	V	-4.42	54.81	74.00	-19.19
5458.49	44.16	Ave	238	1.5	V	-4.42	39.74	54.00	-14.26
11490.00	46.45	PK	230	1.4	V	-1.25	45.20	74.00	-28.80
11490.00	39.50	Ave	230	1.4	V	-1.25	38.25	54.00	-15.75

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11a U-NII-3 middle channel 5785MHz									
285.32	39.35	QP	345	1.8	H	-9.35	30.00	46.00	-16.00
285.32	46.65	QP	308	1.7	V	-9.35	37.30	46.00	-8.70
4518.35	57.31	PK	26	1.9	V	-2.03	55.28	74.00	-18.72
4518.35	42.67	Ave	26	1.9	V	-2.03	40.64	54.00	-13.36
5458.24	57.64	PK	93	1.1	V	-4.42	53.22	74.00	-20.78
5458.24	44.02	Ave	93	1.1	V	-4.42	39.60	54.00	-14.40
11570.00	45.28	PK	119	1.5	V	-1.22	44.06	74.00	-29.94
11570.00	38.00	Ave	119	1.5	V	-1.22	36.78	54.00	-17.22
802.11a U-NII-3 High channel 5825MHz									
285.32	38.73	QP	23	1.2	H	-9.35	29.38	46.00	-16.62
285.32	44.09	QP	317	1.6	V	-9.35	34.74	46.00	-11.26
4532.74	55.23	PK	287	1.8	V	-1.84	53.39	74.00	-20.61
4532.74	43.90	Ave	287	1.8	V	-1.84	42.06	54.00	-11.94
5458.49	57.04	PK	271	1.8	V	-4.42	52.62	74.00	-21.38
5458.49	44.27	Ave	271	1.8	V	-4.42	39.85	54.00	-14.15
11650.00	46.59	PK	51	1.6	V	-1.30	45.29	74.00	-28.71
11650.00	39.80	Ave	51	1.6	V	-1.30	38.50	54.00	-15.50

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT20) U-NII-1 Low Channel 5180MHz									
285.32	38.30	QP	296	1.4	H	-9.35	28.95	46.00	-17.05
285.32	43.40	QP	205	1.9	V	-9.35	34.05	46.00	-11.95
4535.89	54.12	PK	204	1.5	H	-2.14	51.98	74.00	-22.02
4535.89	43.78	Ave	204	1.5	H	-2.14	41.64	54.00	-12.36
5150.00	72.89	PK	200	1.8	H	-4.93	67.96	74.00	-6.04
5150.00	57.48	Ave	200	1.8	H	-4.93	52.55	54.00	-1.45
10360.00	47.34	PK	76	1.0	H	5.33	52.67	74.00	-21.33
10360.00	33.66	Ave	76	1.0	H	5.33	38.99	54.00	-15.01
802.11n(HT20) U-NII-1 Middle channel 5200MHz									
285.32	38.03	QP	38	1.9	H	-9.35	28.68	46.00	-17.32
285.32	42.98	QP	338	1.1	V	-9.35	33.63	46.00	-12.37
4510.12	53.89	PK	131	1.7	H	-2.12	51.77	74.00	-22.23
4510.12	42.54	Ave	131	1.7	H	-2.12	40.42	54.00	-13.58
5150.00	48.01	PK	242	1.5	H	-4.93	43.08	74.00	-30.92
5150.00	38.60	Ave	242	1.5	H	-4.93	33.67	54.00	-20.33
10400.00	46.77	PK	26	1.2	H	5.21	51.98	74.00	-22.02
10400.00	33.83	Ave	26	1.2	H	5.21	39.04	54.00	-14.96

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT20) U-NII-1 High channel 5240MHz									
285.32	38.83	QP	358	1.4	H	-9.35	29.48	46.00	-16.52
285.32	43.27	QP	332	1.3	V	-9.35	33.92	46.00	-12.08
4514.45	53.12	PK	138	1.6	H	-1.96	51.16	74.00	-22.84
4514.45	43.83	Ave	138	1.6	H	-1.96	41.87	54.00	-12.13
5367.12	63.01	PK	259	1.7	V	-4.40	58.61	74.00	-15.39
5367.12	49.08	Ave	259	1.7	V	-4.40	44.68	54.00	-9.32
10480.00	46.85	PK	352	1.4	H	5.14	51.99	74.00	-22.01
10480.00	34.94	Ave	352	1.4	H	5.14	40.08	54.00	-13.92
802.11n(HT20) U-NII-2A Low Channel 5260MHz									
285.32	38.77	QP	12	1.4	H	-9.35	29.42	46.00	-16.58
285.32	44.37	QP	185	1.6	V	-9.35	35.02	46.00	-10.98
4501.95	67.55	PK	271	1.8	V	-2.03	65.52	74.00	-8.48
4501.95	49.64	Ave	271	1.8	V	-2.03	47.61	54.00	-6.39
5150.00	58.85	PK	57	1.5	V	-4.93	53.92	74.00	-20.08
5150.00	47.71	Ave	57	1.5	V	-4.93	42.78	54.00	-11.22
10520.00	41.10	PK	102	1.5	V	5.33	46.43	74.00	-27.57
10520.00	26.51	Ave	102	1.5	V	5.33	31.84	54.00	-22.16

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT20) U-NII-2A middle channel 5280MHz									
285.32	39.84	QP	68	1.5	H	-9.35	30.49	46.00	-15.51
285.32	47.46	QP	279	1.7	V	-9.35	38.11	46.00	-7.89
4520.64	65.29	PK	28	1.4	V	-1.94	63.35	74.00	-10.65
4520.64	49.47	Ave	28	1.4	V	-1.94	47.53	54.00	-6.47
5150.00	61.38	PK	351	1.2	V	-4.93	56.45	74.00	-17.55
5150.00	46.99	Ave	351	1.2	V	-4.93	42.06	54.00	-11.94
10560.00	39.85	PK	306	1.6	V	5.21	45.06	74.00	-28.94
10560.00	28.17	Ave	306	1.6	V	5.21	33.38	54.00	-20.62
802.11n(HT20) U-NII-2A High channel 5320MHz									
285.32	41.77	QP	287	1.7	H	-9.35	32.42	46.00	-13.58
285.32	48.09	QP	300	1.7	V	-9.35	38.74	46.00	-7.26
4501.56	63.94	PK	189	1.7	V	-2.24	61.70	74.00	-12.30
4501.56	47.98	Ave	189	1.7	V	-2.24	45.74	54.00	-8.26
5150.00	71.50	PK	266	1.6	V	-4.41	67.09	74.00	-6.91
5150.00	56.13	Ave	266	1.6	V	-4.41	51.72	54.00	-2.28
10640.00	39.00	PK	347	1.8	V	5.14	44.14	74.00	-29.86
10640.00	28.35	Ave	347	1.8	V	5.14	33.49	54.00	-20.51

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT20) U-NII-2C Low Channel 5500MHz									
285.32	40.18	QP	301	1.7	H	-9.35	30.83	46.00	-15.17
285.32	45.22	QP	179	1.7	V	-9.35	35.87	46.00	-10.13
4520.01	47.93	PK	173	1.6	V	-2.03	45.90	74.00	-28.10
4520.01	28.22	Ave	173	1.6	V	-2.03	26.19	54.00	-27.81
5452.34	65.70	PK	132	1.1	V	-4.40	61.30	74.00	-12.70
5452.34	49.42	Ave	132	1.1	V	-4.40	45.02	54.00	-8.98
11000.00	41.56	PK	29	1.7	V	5.33	46.89	74.00	-27.11
11000.00	32.05	Ave	29	1.7	V	5.33	37.38	54.00	-16.62
802.11n(HT20) U-NII-2C Middle channel 5600MHz									
285.32	38.97	QP	271	1.4	H	-9.35	29.62	46.00	-16.38
285.32	45.07	QP	84	1.5	V	-9.35	35.72	46.00	-10.28
4515.52	48.35	PK	132	1.5	V	-1.94	46.41	74.00	-27.59
4515.52	27.36	Ave	132	1.5	V	-1.94	25.42	54.00	-28.58
5458.61	48.85	PK	186	1.5	V	-4.42	44.43	74.00	-29.57
5458.61	37.86	Ave	186	1.5	V	-4.42	33.44	54.00	-20.56
11200.00	42.21	PK	254	1.5	V	5.21	47.42	74.00	-26.58
11200.00	31.84	Ave	254	1.5	V	5.21	37.05	54.00	-16.95

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT20) U-NII-2C High channel 5700MHz									
285.32	38.30	QP	290	1.2	H	-9.35	28.95	46.00	-17.05
285.32	44.01	QP	248	1.8	V	-9.35	34.66	46.00	-11.34
4522.17	47.08	PK	81	1.9	V	-2.24	44.84	74.00	-29.16
4522.17	26.09	Ave	81	1.9	V	-2.24	23.85	54.00	-30.15
5458.32	49.07	PK	76	1.4	V	-4.42	44.65	74.00	-29.35
5458.32	39.49	Ave	76	1.4	V	-4.42	35.07	54.00	-18.93
11400.00	41.03	PK	344	1.6	V	5.14	46.17	74.00	-27.83
11400.00	31.13	Ave	344	1.6	V	5.14	36.27	54.00	-17.73
802.11n(HT20) U-NII-3 Low Channel 5745MHz									
285.32	34.74	QP	242	1.3	H	-9.35	25.39	46.00	-20.61
285.32	43.26	QP	284	1.8	V	-9.35	33.91	46.00	-12.09
4534.01	57.92	PK	187	2.0	H	-2.06	55.86	74.00	-18.14
4534.01	45.24	Ave	187	2.0	H	-2.06	43.18	54.00	-10.82
5458.52	58.51	PK	353	1.0	H	-4.42	54.09	74.00	-19.91
5458.52	44.32	Ave	353	1.0	H	-4.42	39.90	54.00	-14.10
11490.00	46.16	PK	66	1.8	H	-1.25	44.91	74.00	-29.09
11490.00	37.85	Ave	66	1.8	H	-1.25	36.60	54.00	-17.40

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT20) U-NII-3 middle channel 5785MHz									
285.32	38.55	QP	44	1.9	H	-9.35	29.20	46.00	-16.80
285.32	50.09	QP	255	1.8	V	-9.35	40.74	46.00	-5.26
4505.73	60.50	PK	171	1.6	H	-2.03	58.47	74.00	-15.53
4505.73	45.75	Ave	171	1.6	H	-2.03	43.72	54.00	-10.28
5458.76	64.03	PK	216	1.5	H	-4.42	59.61	74.00	-14.39
5458.76	49.02	Ave	216	1.5	H	-4.42	44.60	54.00	-9.40
11570.00	45.46	PK	70	1.7	H	-1.22	44.24	74.00	-29.76
11570.00	39.88	Ave	70	1.7	H	-1.22	38.66	54.00	-15.34
802.11n(HT20) U-NII-3 High channel 5825MHz									
285.32	39.17	QP	174	1.7	H	-9.35	29.82	46.00	-16.18
285.32	47.68	QP	333	1.1	V	-9.35	38.33	46.00	-7.67
4531.71	58.43	PK	324	1.9	H	-1.84	56.59	74.00	-17.41
4531.71	43.99	Ave	324	1.9	H	-1.84	42.15	54.00	-11.85
5458.65	65.34	PK	164	1.7	H	-4.42	60.92	74.00	-13.08
5458.65	49.29	Ave	164	1.7	H	-4.42	44.87	54.00	-9.13
11650.00	46.90	PK	274	1.2	H	-1.30	45.60	74.00	-28.40
11650.00	38.57	Ave	274	1.2	H	-1.30	37.27	54.00	-16.73

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT20) U-NII-1 Low Channel 5180MHz									
285.32	37.57	QP	197	1.2	H	-9.35	28.22	46.00	-17.78
285.32	43.23	QP	330	1.6	V	-9.35	33.88	46.00	-12.12
4537.00	46.88	PK	347	1.9	H	-1.86	45.02	74.00	-28.98
4537.00	37.95	Ave	347	1.9	H	-1.86	36.09	54.00	-17.91
5150.00	71.02	PK	268	1.6	H	-4.93	66.09	74.00	-7.91
5150.00	57.51	Ave	268	1.6	H	-4.93	52.88	54.00	-1.12
10360.00	45.84	PK	276	1.6	H	5.33	51.17	74.00	-22.83
10360.00	37.36	Ave	276	1.6	H	5.33	42.69	54.00	-11.31
802.11ac(VHT20) U-NII-1 Middle channel 5200MHz									
285.32	32.40	QP	125	1.4	H	-9.35	23.05	46.00	-22.95
285.32	40.61	QP	132	1.7	V	-9.35	31.26	46.00	-14.74
4532.76	43.43	PK	198	1.6	H	-1.82	41.61	74.00	-32.39
4532.76	38.75	Ave	198	1.6	H	-1.82	36.93	54.00	-17.07
5150.00	47.03	PK	263	1.4	H	-4.93	42.10	74.00	31.90
5150.00	40.63	Ave	263	1.4	H	-4.93	35.70	54.00	-18.30
10400.00	47.47	PK	350	1.8	H	5.21	52.68	74.00	-21.32
10400.00	34.62	Ave	350	1.8	H	5.21	39.83	54.00	-14.17

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT20) U-NII-1 High channel 5240MHz									
285.32	37.07	QP	293	1.4	H	-9.35	27.72	46.00	-18.28
285.32	39.86	QP	240	1.1	V	-9.35	30.51	46.00	-15.49
4518.41	44.57	PK	173	1.0	V	-1.81	42.76	74.00	-31.24
4518.41	38.81	Ave	173	1.0	V	-1.81	37.00	54.00	-17.00
5350.00	60.32	PK	45	1.8	V	-4.41	55.91	74.00	-18.09
5350.00	48.92	Ave	45	1.8	V	-4.41	44.51	54.00	-9.49
10480.00	47.49	PK	243	1.9	V	5.14	52.63	74.00	-21.37
10480.00	33.96	Ave	243	1.9	V	5.14	39.10	54.00	-14.90
802.11ac(VHT20) U-NII-2A Low Channel 5260MHz									
285.32	36.39	QP	112	1.8	H	-9.35	27.04	46.00	-18.96
285.32	41.75	QP	338	1.9	V	-9.35	32.40	46.00	-13.60
4518.33	47.14	PK	187	1.6	H	-2.03	45.11	74.00	-28.89
4518.33	31.99	Ave	187	1.6	H	-2.03	29.96	54.00	-24.04
5150.00	59.29	PK	79	1.3	H	-4.93	54.36	74.00	-19.64
5150.00	47.82	Ave	79	1.3	H	-4.93	42.89	54.00	-11.11
10520.00	38.02	PK	179	1.1	H	5.33	43.35	74.00	-30.65
10520.00	32.15	Ave	96	1.8	H	5.33	37.48	54.00	-16.52

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT20) U-NII-2A middle channel 5280MHz									
285.32	37.56	QP	40	1.1	H	-9.35	28.21	46.00	-17.79
285.32	43.10	QP	241	1.1	V	-9.35	33.75	46.00	-12.25
4536.68	48.84	PK	247	1.9	H	-1.94	46.90	74.00	-27.10
4536.68	33.06	Ave	247	1.9	H	-1.94	31.12	54.00	-22.88
5150.00	59.29	PK	57	1.3	H	-4.93	54.36	74.00	-19.64
5150.00	47.82	Ave	57	1.3	H	-4.93	42.89	54.00	-11.11
10560.00	37.10	PK	305	1.4	H	5.21	42.31	74.00	-31.69
10560.00	33.69	Ave	305	1.4	H	5.21	38.90	54.00	-15.10
802.11ac(VHT20) U-NII-2A High channel 5320MHz									
285.32	36.18	QP	197	1.7	H	-9.35	26.83	46.00	-19.17
285.32	43.24	QP	351	1.2	V	-9.35	33.89	46.00	-12.11
4506.63	47.81	PK	83	1.2	H	-2.24	45.57	74.00	-28.43
4506.63	32.84	Ave	83	1.2	H	-2.24	30.60	54.00	-23.40
5350.00	70.84	PK	199	1.2	H	-4.41	66.43	74.00	-7.57
5350.00	57.61	Ave	199	1.2	H	-4.41	53.20	54.00	-0.80
10640.00	37.83	PK	161	1.2	H	5.14	42.97	74.00	-31.03
10640.00	32.92	Ave	161	1.2	H	5.14	38.06	54.00	-15.94

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT20) U-NII-2C Low Channel 5500MHz									
285.32	38.72	QP	305	1.9	H	-9.35	29.37	46.00	-16.63
285.32	44.99	QP	229	1.8	V	-9.35	35.64	46.00	-10.36
4536.22	35.93	PK	74	1.6	V	-2.03	33.90	74.00	-40.10
4536.22	32.62	Ave	74	1.6	V	-2.03	30.59	54.00	-23.41
5459.31	64.60	PK	118	1.2	V	-4.42	60.18	74.00	-13.82
5459.31	48.83	Ave	118	1.2	V	-4.42	44.41	54.00	-9.59
11000.00	39.22	PK	354	1.9	V	5.33	44.55	74.00	-29.45
11000.00	33.14	Ave	344	1.5	V	5.33	38.47	54.00	-15.53
802.11ac(VHT20) U-NII-2C Middle channel 5600MHz									
285.32	36.74	QP	304	1.9	H	-9.35	27.39	46.00	-18.61
285.32	43.50	QP	96	1.1	V	-9.35	34.15	46.00	-11.85
4507.13	35.23	PK	37	1.1	H	-1.94	33.29	74.00	-40.71
4507.13	31.81	Ave	37	1.1	H	-1.94	29.87	54.00	-24.13
5458.34	50.91	PK	263	1.6	H	-4.42	46.49	74.00	-27.51
5458.34	37.54	Ave	263	1.6	H	-4.42	33.12	54.00	-20.88
11200.00	38.83	PK	343	1.3	H	5.21	44.04	74.00	-29.96
11200.00	32.48	Ave	343	1.3	H	5.21	37.69	54.00	-16.31

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT20) U-NII-2C High channel 5700MHz									
285.32	37.98	QP	193	1.6	H	-9.35	28.63	46.00	-17.37
285.32	44.35	QP	263	1.3	V	-9.35	35.00	46.00	-11.00
4535.50	34.18	PK	348	1.4	H	-2.24	31.94	74.00	-42.06
4535.50	30.78	Ave	348	1.4	H	-2.24	28.54	54.00	-25.46
5458.97	49.71	PK	189	1.4	H	-4.42	45.29	74.00	-28.71
5458.97	39.31	Ave	189	1.4	H	-4.42	34.89	54.00	-19.11
11400.00	34.86	PK	209	1.1	H	5.14	40.00	74.00	-34.00
11400.00	27.05	Ave	209	1.1	H	5.14	32.19	54.00	-21.81
802.11ac(VHT20) U-NII-3 Low Channel 5745MHz									
285.32	36.74	QP	208	1.2	H	-9.35	27.39	46.00	-18.61
285.32	43.61	QP	159	1.4	V	-9.35	34.26	46.00	-11.74
4512.65	41.88	PK	316	1.3	H	-1.92	39.96	74.00	-34.04
4512.65	37.12	Ave	316	1.3	H	-1.92	35.20	54.00	-18.80
5458.70	56.38	PK	46	1.5	H	-4.42	51.96	74.00	-22.04
5458.70	42.74	Ave	46	1.5	H	-4.42	38.32	54.00	-15.68
11490.00	46.00	PK	358	1.8	H	-1.03	44.97	74.00	-29.03
11490.00	37.60	Ave	358	1.8	H	-1.03	36.57	54.00	-17.43

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT20) U-NII-3 middle channel 5785MHz									
285.32	36.78	QP	65	1.7	H	-9.35	27.43	46.00	-18.57
285.32	43.16	QP	65	1.1	V	-9.35	33.81	46.00	-12.19
4524.37	41.26	PK	104	1.6	H	-1.97	39.29	74.00	-34.71
4524.37	36.52	Ave	104	1.6	H	-1.97	34.55	54.00	-19.45
5458.81	57.98	PK	107	1.3	H	-4.42	53.56	74.00	-20.44
5458.81	44.18	Ave	107	1.3	H	-4.42	39.76	54.00	-14.24
11570.00	46.05	PK	232	2.0	H	-1.05	45.00	74.00	-29.00
11570.00	39.33	Ave	232	2.0	H	-1.05	38.28	54.00	-15.72
802.11ac(VHT20) U-NII-3 High channel 5825MHz									
285.32	35.67	QP	352	1.1	H	-9.35	26.32	46.00	-19.68
285.32	43.35	QP	347	1.4	V	-9.35	34.00	46.00	-12.00
4516.47	46.25	PK	353	1.3	H	-1.88	44.37	74.00	-29.63
4516.47	39.45	Ave	353	1.3	H	-1.88	37.57	54.00	-16.43
5458.43	56.89	PK	195	1.0	H	-4.42	52.47	74.00	-21.53
5458.43	44.77	Ave	195	1.0	H	-4.42	40.35	54.00	-13.65
11650.00	45.13	PK	233	1.8	H	-1.06	44.07	74.00	-29.93
11650.00	37.25	Ave	233	1.8	H	-1.06	36.19	54.00	-17.81

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT40) U-NII-1 Low Channel 5190MHz									
285.32	36.89	QP	132	1.0	H	-9.35	27.54	46.00	-18.46
285.32	47.26	QP	328	1.3	V	-9.35	37.91	46.00	-8.09
4527.58	55.44	PK	188	1.2	V	-1.89	53.55	74.00	-20.45
4527.58	41.41	Ave	188	1.2	V	-1.89	39.52	54.00	-14.48
5150.00	75.61	PK	326	1.6	V	-4.93	70.68	74.00	-3.32
5150.00	58.39	Ave	326	1.6	V	-4.93	53.46	54.00	-0.54
10380.00	45.34	PK	198	1.8	V	5.26	50.60	74.00	-23.40
10380.00	32.23	Ave	198	1.8	V	5.26	37.49	54.00	-16.51
802.11n(HT40) U-NII-1 High channel 5230MHz									
285.32	36.17	QP	110	1.1	H	-9.35	26.82	46.00	-19.18
285.32	41.26	QP	34	1.1	V	-9.35	31.91	46.00	-14.09
4536.79	52.52	PK	26	1.6	V	-1.94	50.58	74.00	-23.42
4536.79	40.03	Ave	26	1.6	V	-1.94	38.09	54.00	-15.91
5350.00	60.79	PK	307	1.5	V	-4.41	56.38	74.00	-17.62
5350.00	49.34	Ave	307	1.5	V	-4.41	44.93	54.00	-9.07
10460.00	47.00	PK	227	1.6	V	5.28	52.28	74.00	-21.72
10460.00	35.02	Ave	227	1.6	V	5.28	40.30	54.00	-13.70

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT40) U-NII-2A Low Channel 5270MHz									
285.32	34.09	QP	74	1.5	H	-9.35	24.74	46.00	-21.26
285.32	43.40	QP	10	1.8	V	-9.35	34.05	46.00	-11.95
4523.46	57.36	PK	209	1.1	H	-1.89	55.47	74.00	-18.53
4523.46	45.85	Ave	209	1.1	H	-1.89	43.96	54.00	-10.04
5150.00	59.44	PK	322	1.3	H	-4.93	54.51	74.00	-19.49
5150.00	47.74	Ave	322	1.3	H	-4.93	42.81	54.00	-11.19
10540.00	46.34	PK	99	1.0	H	5.26	51.60	74.00	-22.40
10540.00	34.28	Ave	99	1.0	H	5.26	39.54	54.00	-14.46
802.11n(HT40) U-NII-2A High channel 5310MHz									
285.32	35.74	QP	45	1.7	H	-9.35	26.39	46.00	-19.61
285.32	40.34	QP	77	1.4	V	-9.35	30.99	46.00	-15.01
4518.04	59.77	PK	45	1.0	V	-1.94	57.83	74.00	-16.17
4518.04	43.90	Ave	45	1.0	V	-1.94	41.96	54.00	-12.04
5350.00	73.55	PK	307	1.2	V	-4.41	69.14	74.00	-4.86
5350.00	55.52	Ave	307	1.2	V	-4.41	51.11	54.00	-2.89
10620.00	48.27	PK	59	1.6	V	5.28	53.55	74.00	-20.45
10620.00	34.23	Ave	59	1.6	V	5.28	39.51	54.00	-14.49

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT40) U-NII-2C Low Channel 5510MHz									
285.32	35.09	QP	21	1.2	H	-9.35	25.74	46.00	-20.26
285.32	44.58	QP	258	1.2	V	-9.35	35.23	46.00	-10.77
4508.50	57.57	PK	348	1.4	V	-1.89	55.68	74.00	-18.32
4508.50	43.40	Ave	348	1.4	V	-1.89	41.51	54.00	-12.49
5452.40	67.80	PK	107	1.5	V	-4.40	63.40	74.00	-10.60
5452.40	50.16	Ave	107	1.5	V	-4.40	45.76	54.00	-8.24
11020.00	45.05	PK	304	1.9	V	5.26	50.31	74.00	-23.69
11020.00	30.94	Ave	304	1.9	V	5.26	36.20	54.00	-17.80
802.11n(HT40) U-NII-2C Middle channel 5550MHz									
285.32	35.28	QP	106	2.0	H	-9.35	25.93	46.00	-20.07
285.32	44.81	QP	154	1.9	V	-9.35	35.46	46.00	-10.54
4517.54	54.84	PK	79	1.4	V	-1.94	52.90	74.00	-21.10
4517.54	44.09	Ave	79	1.4	V	-1.94	42.15	54.00	-11.85
5458.79	60.09	PK	341	1.0	V	-4.42	55.67	74.00	-18.33
5458.79	39.43	Ave	341	1.0	V	-4.42	35.01	54.00	-18.99
11100.00	46.60	PK	300	1.5	V	5.28	51.88	74.00	-22.12
11100.00	34.94	Ave	300	1.5	V	5.28	40.22	54.00	-13.78
802.11n(HT40) U-NII-2C High channel 5670MHz									
285.32	34.69	QP	145	1.0	H	-9.35	25.34	46.00	-20.66
285.32	43.03	QP	226	1.0	V	-9.35	33.68	46.00	-12.32
4533.11	57.42	PK	350	1.7	V	-1.94	55.48	74.00	-18.52
4533.11	45.62	Ave	350	1.7	V	-1.94	43.68	54.00	-10.32
5458.69	59.72	PK	43	1.6	V	-4.42	55.30	74.00	-18.70
5458.69	38.13	Ave	43	1.6	V	-4.42	33.71	54.00	-20.29
11340.00	43.74	PK	203	1.5	V	5.28	49.02	74.00	-24.98
11340.00	34.23	Ave	203	1.5	V	5.28	39.51	54.00	-14.49

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n(HT40) U-NII-3 Low Channel 5755MHz									
285.32	35.41	QP	347	1.2	H	-9.35	26.06	46.00	-19.94
285.32	43.73	QP	261	1.9	V	-9.35	34.38	46.00	-11.62
4505.88	49.69	PK	46	1.8	H	-1.96	47.73	74.00	-26.27
4505.88	38.88	Ave	46	1.8	H	-1.96	36.92	54.00	-17.08
5458.19	55.97	PK	97	1.7	H	-4.42	51.55	74.00	-22.45
5458.19	43.08	Ave	97	1.7	H	-4.42	38.66	54.00	-15.34
11510.00	46.40	PK	81	1.2	H	-1.01	45.39	74.00	-28.61
11510.00	37.15	Ave	81	1.2	H	-1.01	36.14	54.00	-17.86
802.11n(HT40) U-NII-3 High Channel 5795MHz									
285.32	35.10	QP	287	1.5	H	-9.35	25.75	46.00	-20.25
285.32	44.50	QP	217	1.7	V	-9.35	35.15	46.00	-10.85
4532.22	49.42	PK	229	1.7	H	-1.92	47.50	74.00	-26.50
4532.22	38.04	Ave	229	1.7	H	-1.92	36.12	54.00	-17.88
5458.26	57.44	PK	96	1.6	H	-4.42	53.02	74.00	-20.98
5458.26	44.84	Ave	96	1.6	H	-4.42	40.42	54.00	-13.58
11590.00	46.34	PK	122	1.1	H	-1.04	45.30	74.00	-28.70
11590.00	37.31	Ave	122	1.1	H	-1.04	36.27	54.00	-17.73

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT40) U-NII-1 Low Channel 5190MHz									
285.32	35.49	QP	274	2.0	H	-9.35	26.14	46.00	-19.86
285.32	44.76	QP	134	2.0	V	-9.35	35.41	46.00	-10.59
4519.33	47.78	PK	56	1.1	H	-1.91	45.87	74.00	-28.13
4519.33	35.57	Ave	56	1.1	H	-1.91	33.66	54.00	-20.34
5150.00	78.59	PK	216	1.4	H	-4.93	73.66	74.00	-0.34
5150.00	57.23	Ave	216	1.4	H	-4.93	52.30	54.00	-1.70
10380.00	46.71	PK	32	1.1	H	5.26	51.97	74.00	-22.03
10380.00	31.80	Ave	32	1.1	H	5.26	37.06	54.00	-16.94
802.11ac(VHT40) U-NII-1 High channel 5230MHz									
285.32	35.94	QP	269	1.3	H	-9.35	26.59	46.00	-19.41
285.32	44.43	QP	199	1.7	V	-9.35	35.08	46.00	-10.92
4508.29	47.99	PK	99	1.2	V	-1.93	46.06	74.00	-27.94
4508.29	35.77	Ave	99	1.2	V	-1.93	33.84	54.00	-20.16
5350.00	60.30	PK	231	1.3	V	-4.41	55.89	74.00	-18.11
5350.00	49.51	Ave	231	1.3	V	-4.41	45.10	54.00	-8.90
10460.00	48.05	PK	266	1.1	V	5.28	53.33	74.00	-20.67
10460.00	34.43	Ave	266	1.1	V	5.28	39.71	54.00	-14.29

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT40) U-NII-2A Low Channel 5270MHz									
285.32	42.46	QP	45	1.9	H	-9.35	33.11	46.00	-12.89
285.32	35.86	QP	197	1.2	V	-9.35	26.51	46.00	-19.49
4521.44	47.58	PK	84	1.8	H	-1.89	45.69	74.00	-28.31
4521.44	34.04	Ave	84	1.8	H	-1.89	32.15	54.00	-21.85
5150.00	60.06	PK	257	1.8	H	-4.93	55.13	74.00	-18.87
5150.00	47.76	Ave	257	1.8	H	-4.93	42.83	54.00	-11.17
10540.00	45.15	PK	319	1.7	H	5.26	50.41	74.00	-23.59
10540.00	37.13	Ave	319	1.7	H	5.26	42.39	54.00	-11.61
802.11ac(VHT40) U-NII-2A High channel 5310MHz									
285.32	43.18	QP	59	1.8	H	-9.35	33.83	46.00	-12.17
285.32	36.04	QP	360	1.7	V	-9.35	26.69	46.00	-19.31
4512.53	47.73	PK	103	1.0	V	-1.94	45.79	74.00	-28.21
4512.53	35.04	Ave	103	1.0	V	-1.94	33.10	54.00	-20.90
5350.00	72.85	PK	260	2.0	V	-4.41	68.44	74.00	-5.56
5350.00	55.90	Ave	260	2.0	V	-4.41	51.49	54.00	-2.51
10620.00	45.16	PK	135	1.6	V	5.28	50.44	74.00	-23.56
10620.00	38.28	Ave	135	1.6	V	5.28	43.56	54.00	-10.44

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT40) U-NII-2C Low Channel 5510MHz									
285.32	42.91	QP	234	1.8	H	-9.35	33.56	46.00	-12.44
285.32	36.34	QP	71	1.9	V	-9.35	26.99	46.00	-19.01
4509.53	44.39	PK	276	1.7	H	-1.89	42.50	74.00	-31.50
4509.53	37.73	Ave	276	1.7	H	-1.89	35.84	54.00	-18.16
5458.80	68.31	PK	180	1.9	H	-4.42	63.89	74.00	-10.11
5458.80	52.28	Ave	180	1.9	H	-4.42	47.86	54.00	-6.14
11020.00	41.61	PK	353	1.2	H	5.26	46.87	74.00	-27.13
11020.00	37.84	Ave	353	1.2	H	5.26	43.10	54.00	-10.90
802.11ac(VHT40) U-NII-2C Middle channel 5550MHz									
285.32	41.77	QP	179	1.2	H	-9.35	32.42	46.00	-13.58
285.32	37.97	QP	174	1.8	V	-9.35	28.62	46.00	-17.38
4511.90	43.30	PK	173	1.5	H	-1.94	41.36	74.00	-32.64
4511.90	38.35	Ave	173	1.5	H	-1.94	36.41	54.00	-17.59
5458.11	51.61	PK	239	1.5	H	-4.42	47.19	74.00	-26.81
5458.11	39.95	Ave	239	1.5	H	-4.42	35.53	54.00	-18.47
11100.00	43.75	PK	4	1.9	H	5.28	49.03	74.00	-24.97
11100.00	35.83	Ave	4	1.9	H	5.28	41.11	54.00	-12.89
802.11ac(VHT40) U-NII-2C High channel 5670MHz									
285.32	34.63	QP	198	1.4	H	-9.35	25.28	46.00	-20.72
285.32	37.32	QP	14	1.6	V	-9.35	27.97	46.00	-18.03
4539.04	42.79	PK	266	1.6	H	-1.94	40.85	74.00	-33.15
4539.04	38.19	Ave	266	1.6	H	-1.94	36.25	54.00	-17.75
5458.25	52.57	PK	195	1.2	H	-4.42	48.15	74.00	-25.85
5458.25	40.64	Ave	195	1.2	H	-4.42	36.22	54.00	-17.78
11340.00	43.12	PK	173	1.6	H	5.28	48.40	74.00	-25.60
11340.00	35.04	Ave	173	1.6	H	5.28	40.32	54.00	-13.68

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT40) U-NII-3 Low Channel 5755MHz									
285.32	36.13	QP	260	1.5	H	-9.35	26.78	46.00	-19.22
285.32	44.25	QP	290	1.5	V	-9.35	34.90	46.00	-11.10
4502.87	48.83	PK	293	2.0	H	-1.92	46.91	74.00	-27.09
4502.87	33.02	Ave	293	2.0	H	-1.92	31.10	54.00	-22.90
5458.44	57.23	PK	72	1.2	H	-4.42	52.81	74.00	-21.19
5458.44	42.64	Ave	72	1.2	H	-4.42	38.22	54.00	-15.78
11510.00	46.80	PK	191	1.3	H	-1.07	45.73	74.00	-28.27
11510.00	38.33	Ave	191	1.3	H	-1.07	37.26	54.00	-16.74
802.11ac(VHT40) U-NII-3 High Channel 5795MHz									
285.32	36.75	QP	147	1.3	H	-9.35	27.40	46.00	-18.60
285.32	44.10	QP	175	1.3	V	-9.35	34.75	46.00	-11.25
4508.33	48.31	PK	81	1.2	H	-1.86	46.45	74.00	-27.55
4508.33	32.92	Ave	81	1.2	H	-1.86	31.06	54.00	-22.94
5458.44	58.98	PK	246	1.2	H	-4.42	54.56	74.00	-19.44
5458.44	44.36	Ave	246	1.2	H	-4.42	39.94	54.00	-14.06
11590.00	45.23	PK	231	1.3	H	-1.03	44.20	74.00	-29.80
11590.00	38.49	Ave	231	1.3	H	-1.03	37.46	54.00	-16.54

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT80) U-NII-1 Low Channel 5210MHz									
285.32	37.10	QP	218	1.7	H	-9.35	27.75	46.00	-18.25
285.32	44.04	QP	115	1.8	V	-9.35	34.69	46.00	-11.31
4537.58	48.62	PK	119	1.2	H	-1.88	46.74	74.00	-27.26
4537.58	33.03	Ave	119	1.2	H	-1.88	31.15	54.00	-22.85
5150.00	72.80	PK	148	2.0	H	-4.93	67.87	74.00	-6.13
5150.00	58.19	Ave	148	2.0	H	-4.93	53.26	54.00	-0.74
10420.00	47.64	PK	86	1.8	H	4.65	52.29	74.00	-21.71
10420.00	34.29	Ave	86	1.8	H	4.65	38.94	54.00	-15.06
802.11ac(VHT80) U-NII-2A Low Channel 5290MHz									
285.32	38.15	QP	328	1.2	H	-9.35	28.80	46.00	-17.20
285.32	40.48	QP	189	1.3	V	-9.35	31.13	46.00	-14.87
4511.80	46.84	PK	58	1.8	V	-1.88	44.96	74.00	-29.04
4511.80	42.14	Ave	58	1.8	V	-1.88	40.26	54.00	-13.74
5350.00	69.50	PK	181	1.0	V	-4.41	65.09	74.00	-8.91
5350.00	53.45	Ave	181	1.0	V	-4.41	49.04	54.00	-4.96
10580.00	34.55	PK	17	1.4	V	4.65	39.20	74.00	-34.80
10580.00	30.45	Ave	17	1.4	V	4.65	35.10	54.00	-18.90

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac(VHT80) U-NII-2C Low Channel 5530MHz									
285.32	37.65	QP	202	1.2	H	-9.35	28.30	46.00	-17.70
285.32	46.46	QP	200	1.6	V	-9.35	37.11	46.00	-8.89
4530.24	46.71	PK	65	1.1	V	-1.88	44.83	74.00	-29.17
4530.24	42.45	Ave	65	1.1	V	-1.88	40.57	54.00	-13.43
5449.90	69.00	PK	29	1.6	V	-4.40	64.60	74.00	-9.40
5449.90	50.93	Ave	29	1.6	V	-4.40	46.53	54.00	-7.47
11060.00	46.19	PK	340	1.4	V	4.65	50.84	74.00	-23.16
11060.00	31.05	Ave	340	1.4	V	4.65	35.70	54.00	-18.30
802.11ac(VHT80) U-NII-3 Low channel 5775MHz									
285.32	36.13	QP	204	1.9	H	-9.35	26.78	46.00	-19.22
285.32	47.88	QP	214	1.5	V	-9.35	38.53	46.00	-7.47
4517.16	47.86	PK	205	1.4	H	-1.85	46.01	74.00	-27.99
4517.16	42.14	Ave	194	1.1	H	-1.85	40.29	54.00	-13.71
5458.57	56.54	PK	316	1.7	H	-4.42	52.12	74.00	-21.88
5458.57	43.21	Ave	316	1.7	H	-4.42	38.79	54.00	-15.21
11550.00	45.77	PK	345	1.7	H	-1.14	44.63	74.00	-29.37
11550.00	37.58	Ave	345	1.7	H	-1.14	36.44	54.00	-17.56

Test Frequency: 12GHz~40GHz

The measurements were more than 20 dB below the limit and not reported.

10 Band Edge

Test Requirement:	FCC 47CFR Part 15 Section 15.407 FCC 47CFR Part 15 Section 15.205
Test Method:	ANSI C63.10-2020
Test Limit:	For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27dBm/MHz. For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating in the 5.725-5.85 GHz band: (i) 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. (ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.
Test Result:	PASS

10.1 Test Produce

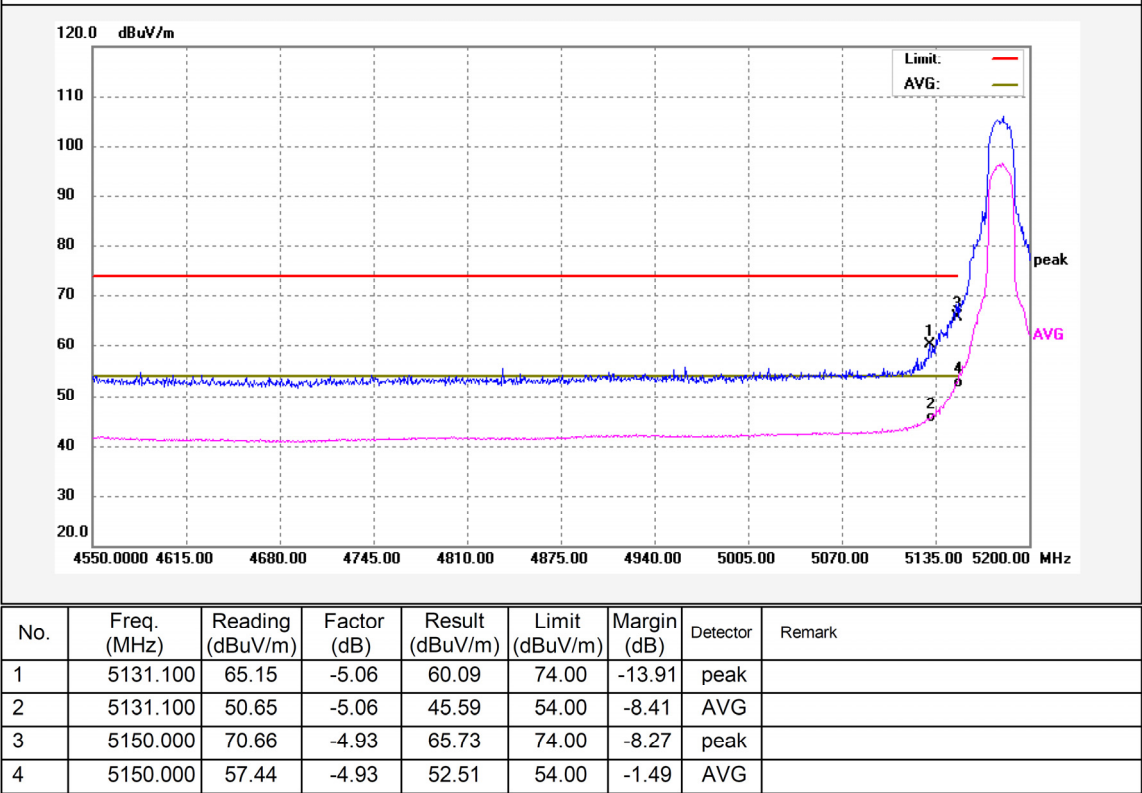
1. the test setup refer to section 9.2.
2. According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Procedure for Unwanted Emissions Measurements below 1000 MHz: section II.G.4
Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz: section II.G.5
Procedures for Average Unwanted Emissions Measurements above 1000 MHz: section II.G.6

10.2 Test Result

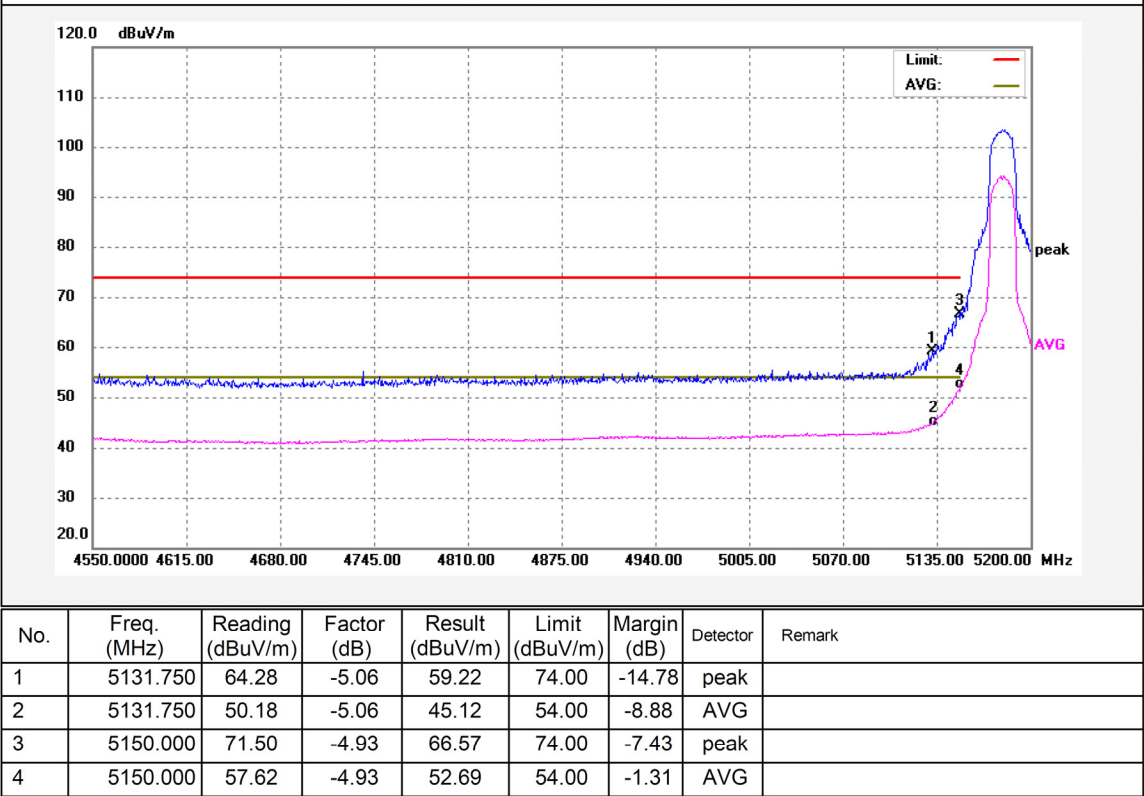
Test result plots shown as follows:

802.11a U-NII-1 Low channel:

Antenna Polarization: Horizontal

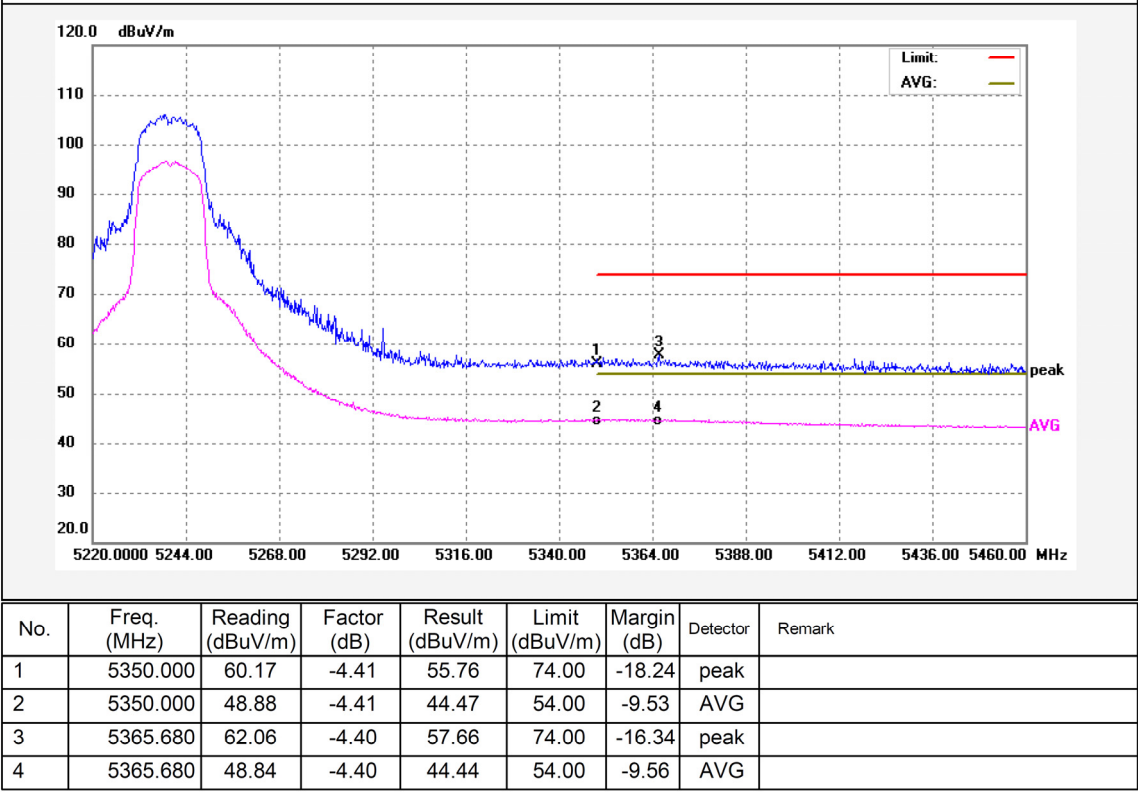


Antenna Polarization: Vertical

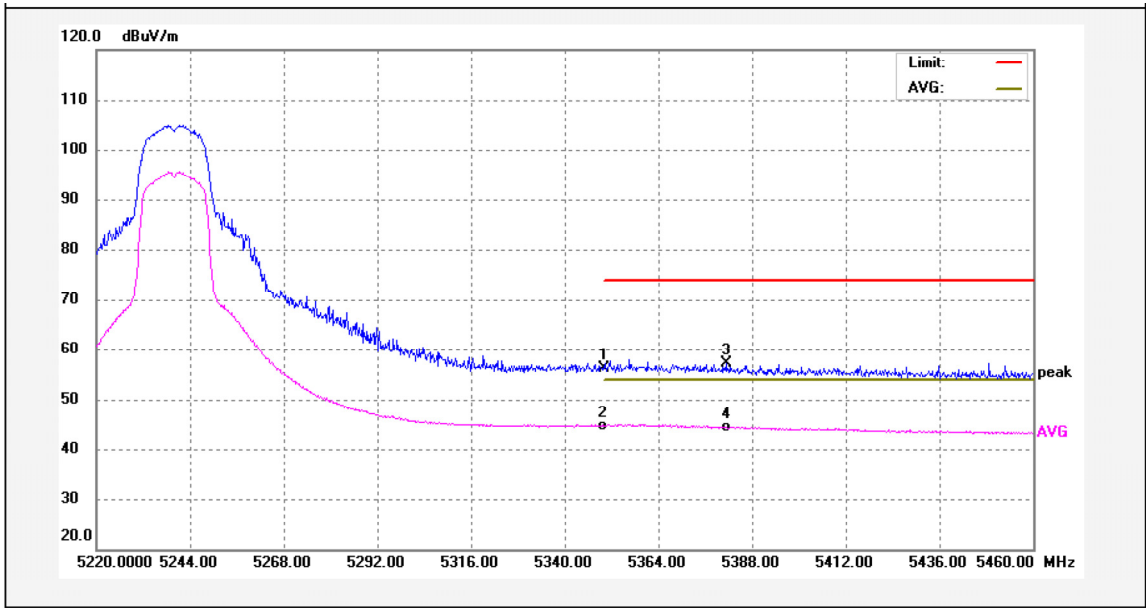


802.11a U-NII-1 High channel:

Antenna Polarization: Horizontal



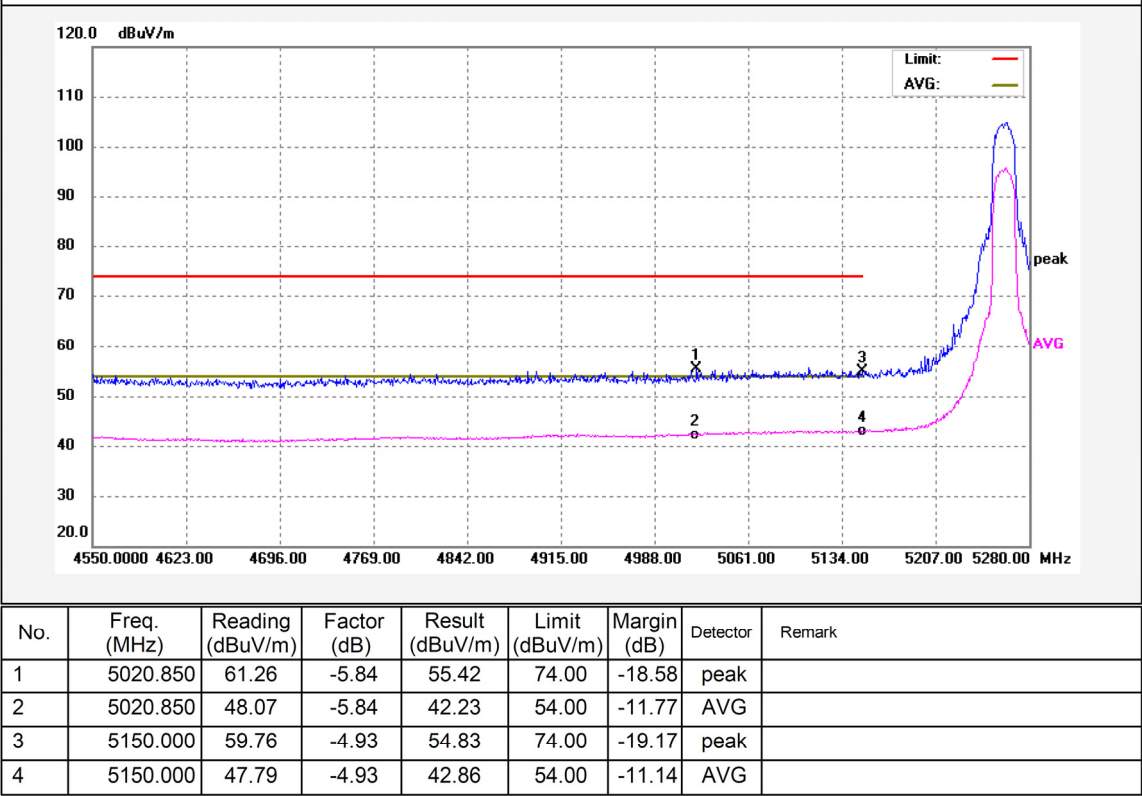
Antenna Polarization: Vertical



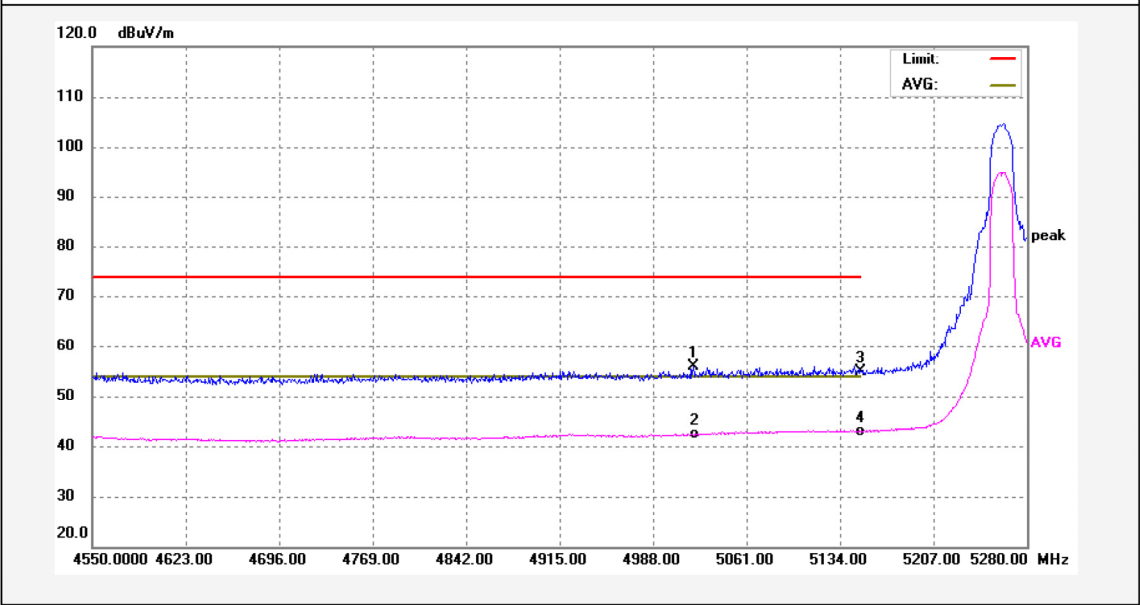
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	5350.000	60.63	-4.41	56.22	74.00	-17.78	peak	
2	5350.000	49.05	-4.41	44.64	54.00	-9.36	AVG	
3	5381.280	61.51	-4.38	57.13	74.00	-16.87	peak	
4	5381.280	48.76	-4.38	44.38	54.00	-9.62	AVG	

802.11a U-NII-2A Low channel:

Antenna Polarization: Horizontal



Antenna Polarization: Vertical



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Remark
1	5019.390	61.68	-5.85	55.83	74.00	-18.17	peak	
2	5019.390	48.19	-5.85	42.34	54.00	-11.66	AVG	
3	5150.000	59.90	-4.93	54.97	74.00	-19.03	peak	
4	5150.000	47.82	-4.93	42.89	54.00	-11.11	AVG	