TEST REPORT

Reference No.	:	WTD24D11266998W004
FCC ID	:	2AV4C-U264APL
Applicant	:	Eaton Corporation
Address	:	10000 Woodward Ave, Woodridge, IL60517, USA
Manufacturer	:	Tech-Top Technology Limited
Address	:	Unit 1602, 16/F, Enterprise Square III, 39 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
Product Name	:	Wireless Auto adapter
Model No. .	:	U264-001-APL, U264-001-AND
Standards	:	FCC 47CFR Part 15 Section 15.407
Date of Receipt sample	:	2024-11-09
Date of Test	:	2024-11-20 to 2025-01-17
Date of Issue	:	2025-05-27
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.

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Approved by:

Deval Qin / Designated Reviewer

2 Contents

3 Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTD24D11266998W004	2024-11-09	2024-11-20 to 2025-01-17	2025-05-27	original	-	Valid

4 General Information

4.1 General Description of E.U.T.

Product:	Wireless Auto adapter
Model(s):	U264-001-APL, U264-001-AND
Model Description:	All same except for mode's name and firmware version. The test sample model name is U264-001-APL.
Test Sample No.:	1-1/1
Wi-Fi Specification:	5G-802.11a/ n(HT20/40)/ac(VHT20/40)/ax(HE20/40)
Hardware Version:	BY969 V1.1
Software Version:	U264-001-APL: 202412251434C U264-001-AND: 202412251815A

4.2 Details of E.U.T.

Operation Frequency:	802.11a/n(HT20)/ac(VHT20)/ax (HE20): 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)/ax (HE40): U-NII-1: 5190-5230MHz, U-NII-2A: 5270-5310MHz(DFS), U-NII-2C: 5510-5670MHz(DFS), U-NII-3: 5755-5795MHz
Max. RF output power:	U-NII-1: 19.67dBm U-NII-2A: 19.54dBm U-NII-2C: 19.66dBm U-NII-3: 19.48dBm
Type of Modulation:	OFDM, OFDMA
Antenna installation:	PCB Antenna
Antenna Gain:	U-NII-1:-5.24dBi U-NII-2A: -4.31dBi U-NII-2C: -0.42dBi U-NII-3: -0.66dBi

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

Ratings:	DC 5.0V, 1.5A
DFS Function:	Slave without radar detection
TPC Function:	Not support

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(HT20)/ac(VHT20)/ ax (HE20):

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(HT40)/ac(VHT40)/ ax (HE40):

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

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 software is TermAssist and SecureCRT tool Use together.

Test Items	Mode	Data Rate	TX/RX
Radiated Emissions	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)/ac(VHT20/40) ax(HE20/40)	MCS0	TX
Duty Cycle	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)/ac(VHT20/40) ax(HE20/40)	MCS0	TX
Band Edge	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)/ac(VHT20/40) ax(HE20/40)	MCS0	TX
6dB Bandwidth	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)/ac(VHT20/40) ax(HE20/40)	MCS0	TX
26dB Bandwidth and 99% Occupied Bandwidth	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)/ac(VHT20/40) ax(HE20/40)	MCS0	TX
Conducted Output Power	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)/ac(VHT20/40) ax(HE20/40)	MCS0	TX
Power Spectral Density	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)/ac(VHT20/40) ax(HE20/40)	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

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	2024-04-22	2025-04-21
2	Amplifier	Agilent	8447D	2944A10178	2024-07-18	2025-07-17
3	Trilog Broadband Antenna	SCHWARZBECK	VULB9163	336	2024-07-21	2025-07-20
4	Coaxial Cable (below 1GHz)	Top	TYPE16(13M)	-	2024-04-22	2025-04-21
5	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	667	2024-01-23	2025-01-22
6	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9170	335	2024-07-18	2025-07-17
7	Broadband Preamplifier	COMPLIANCE DIRECTION	PAP-1G18	2004	2024-07-18	2025-07-17
8	Coaxial Cable (above 1GHz)	ZT26-NJ-NJ-8M/FA	1GHz-18GHz	NA	2024-04-22	2025-04-21
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	2024-04-22	2025-04-21
2	Trilog Broadband Antenna	SCHWARZBECK	VULB9160	9160-3325	2024-11-04	2025-11-03
3	Active Loop Antenna	Com-Power Corp.	AL-130R	10160007	2024-04-27	2025-04-26
4	Amplifier	ANRITSU	MH648A	M43381	2024-04-22	2025-04-21
5	Cable	HUBER+SUHNER	CBL2	525178	2024-04-22	2025-04-21
RF Conducted Testing						
Item	**Equipment**	**Manufacturer**	**Model No.**	**Serial No.**	**Last Calibration Date**	**Calibration Due Date**
1.	Spectrum Analyzer	R&S	FSP40	100501	2024-07-18	2025-07-17
2.	EXA Signal Analyzer	Malaysia Keysight	N9010A	MY50520207	2024-04-22	2025-04-21

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	± 1 x 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~25000MHz)
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+A1-2024
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.

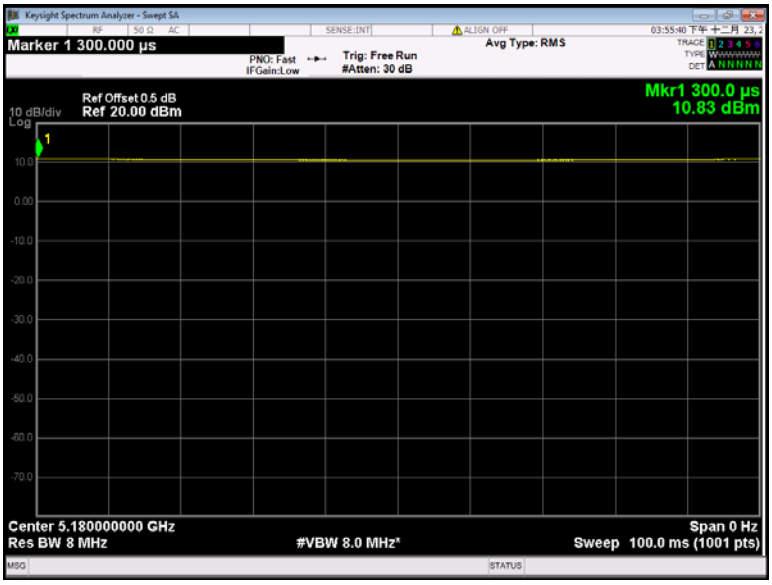
7.1 Summary of Test Results

802.11a(HT20) mode			
channel	On time(ms)	Period(ms)	Duty Cycle(%)
36	100	100	100
52	100	100	100
100	100	100	100
149	100	100	100
802.11n(HT20) mode			
channel	On time(ms)	Period(ms)	Duty Cycle(%)
36	100	100	100
52	100	100	100
100	100	100	100
149	100	100	100
802.11ac(VHT20) mode			
channel	On time(ms)	Period(ms)	Duty Cycle(%)
36	100	100	100
52	100	100	100
100	100	100	100
149	100	100	100
802.11ax(HE20) mode			
channel	On time(ms)	Period(ms)	Duty Cycle(%)
36	100	100	100
52	100	100	100
100	100	100	100
149	100	100	100

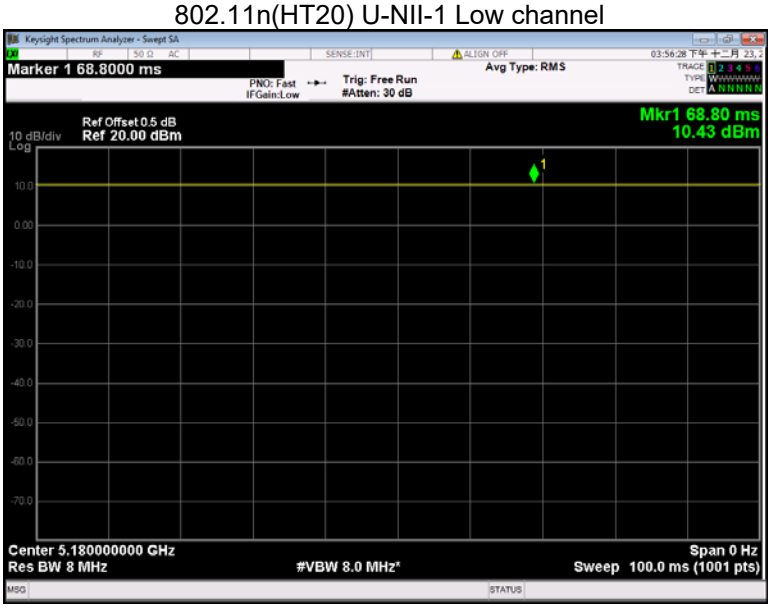
802.11n(HT40) mode			
channel	On time(ms)	Period(ms)	Duty Cycle(%)
38	100	100	100
54	100	100	100
102	100	100	100
151	100	100	100
802.11ac(VHT40) mode			
channel	On time(ms)	Period(ms)	Duty Cycle(%)
38	100	100	100
54	100	100	100
102	100	100	100
151	100	100	100
802.11ax(HE40) mode			
channel	On time(ms)	Period(ms)	Duty Cycle(%)
38	100	100	100
54	100	100	100
102	100	100	100
151	100	100	100

Test result plots shown as follows:

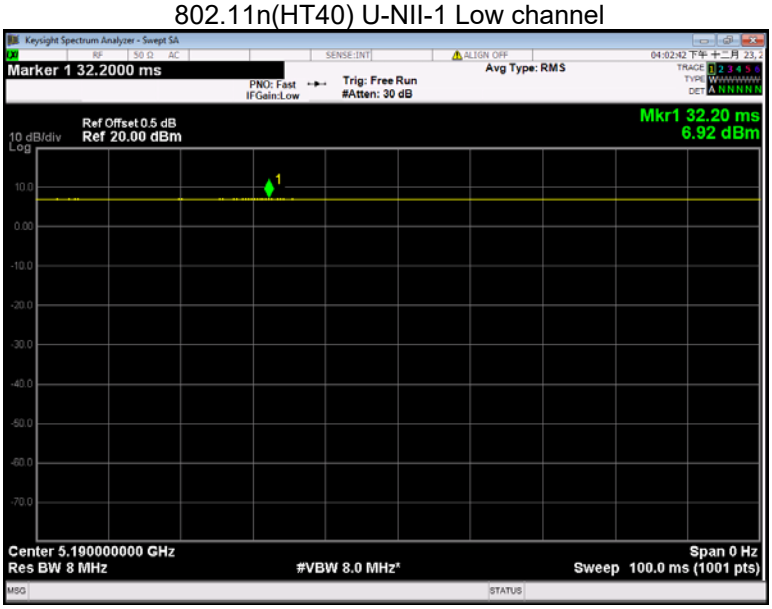
802.11a U-NII-1 Low channel



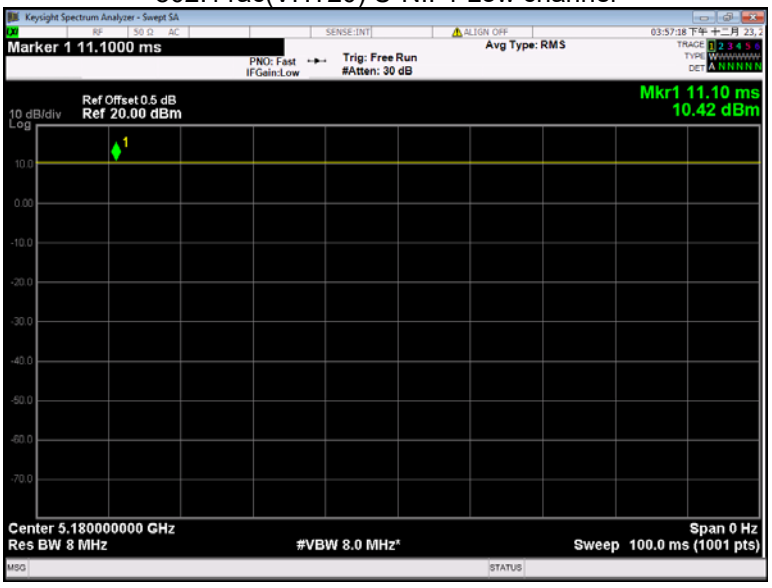
802.11n(HT20) U-NII-1 Low channel



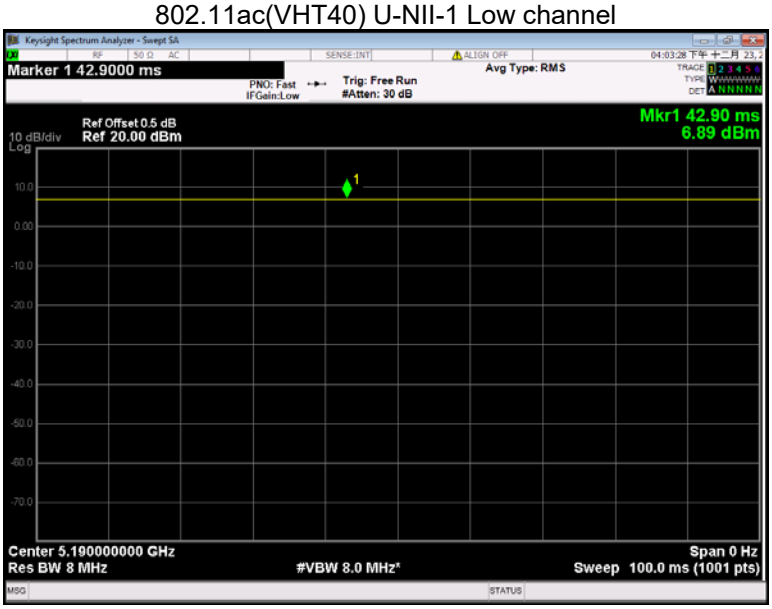
802.11n(HT40) U-NII-1 Low channel



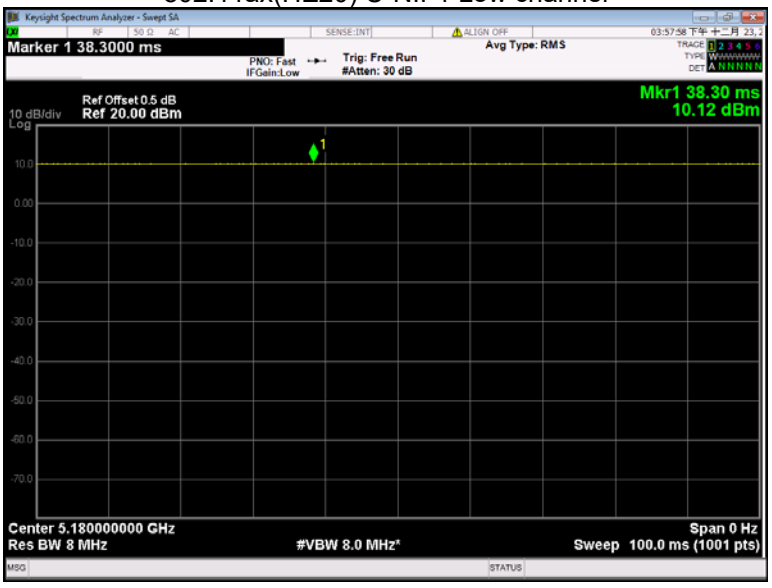
802.11ac(VHT20) U-NII-1 Low channel



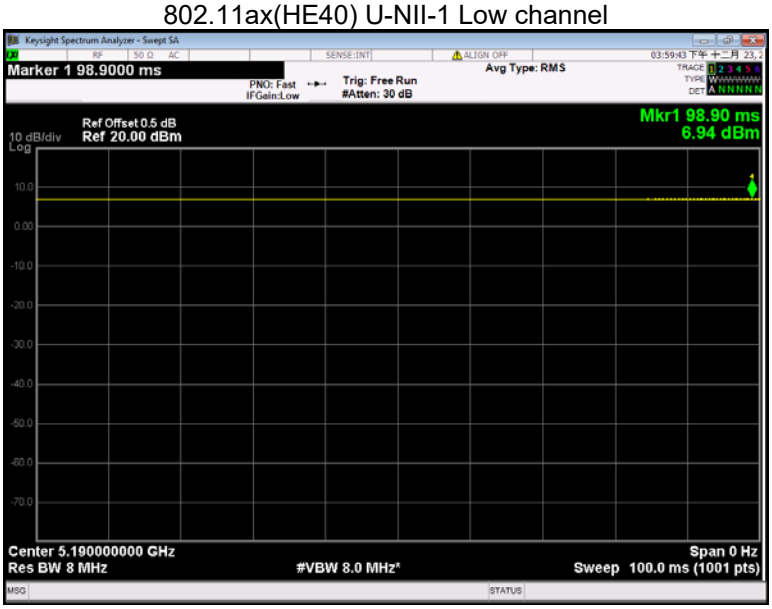
802.11ac(VHT40) U-NII-1 Low channel



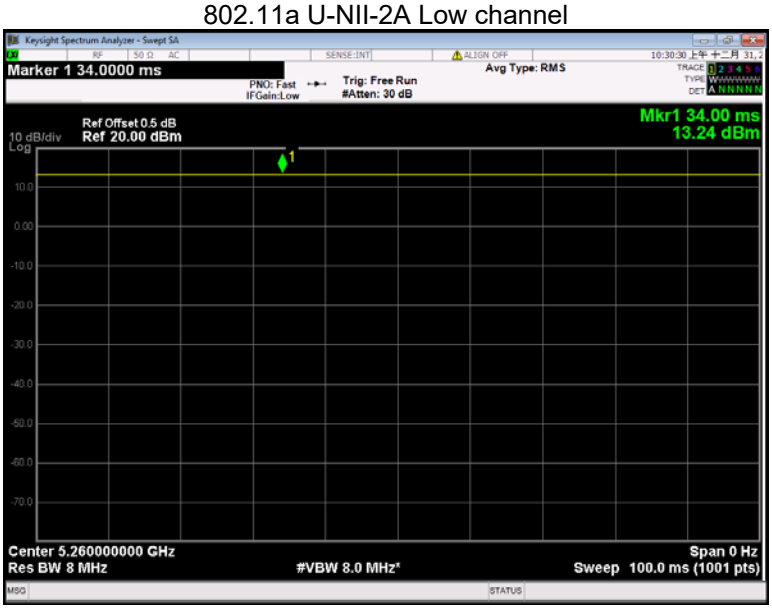
802.11ax(HE20) U-NII-1 Low channel



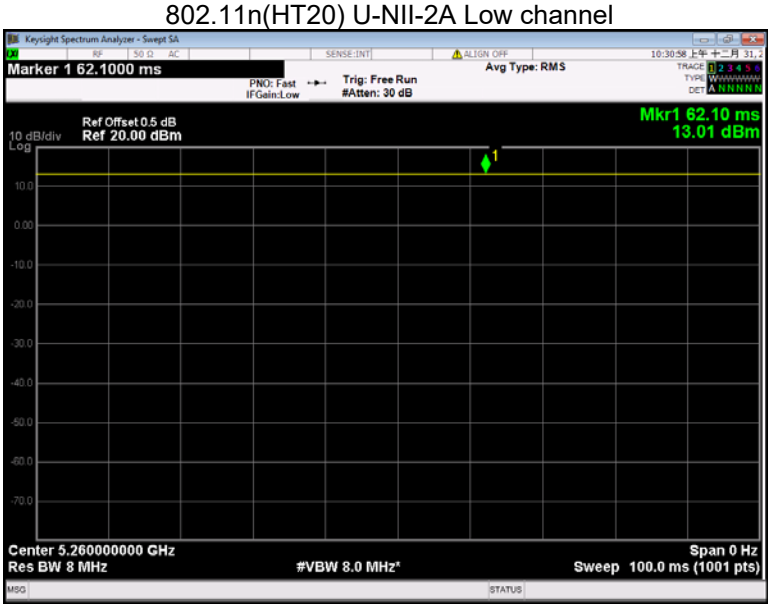
802.11ax(HE40) U-NII-1 Low channel



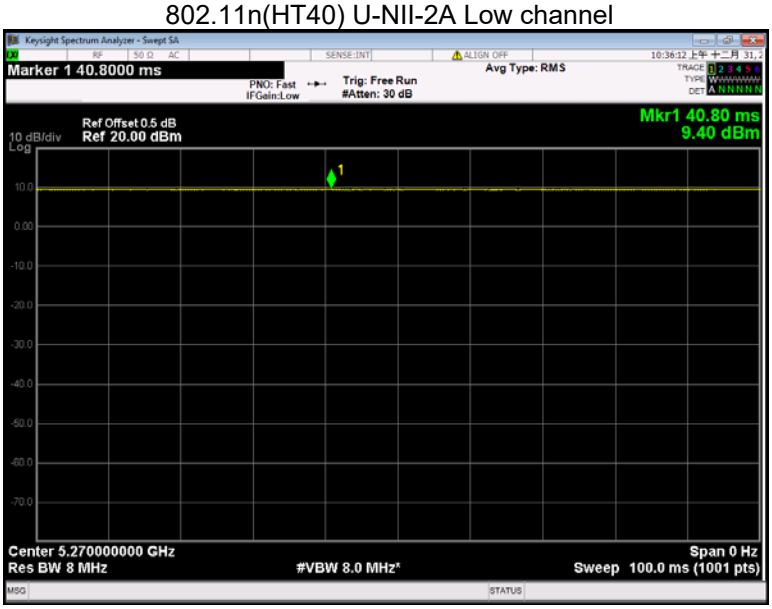
802.11a U-NII-2A Low channel



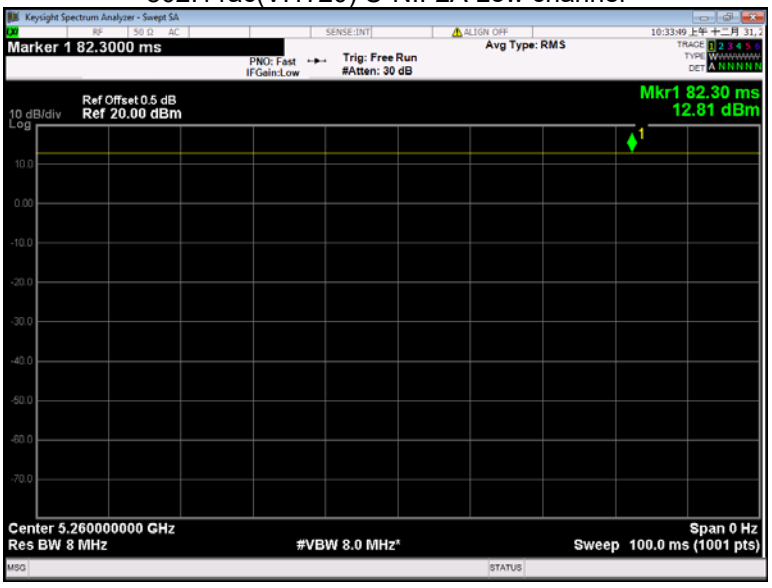
802.11n(HT20) U-NII-2A Low channel



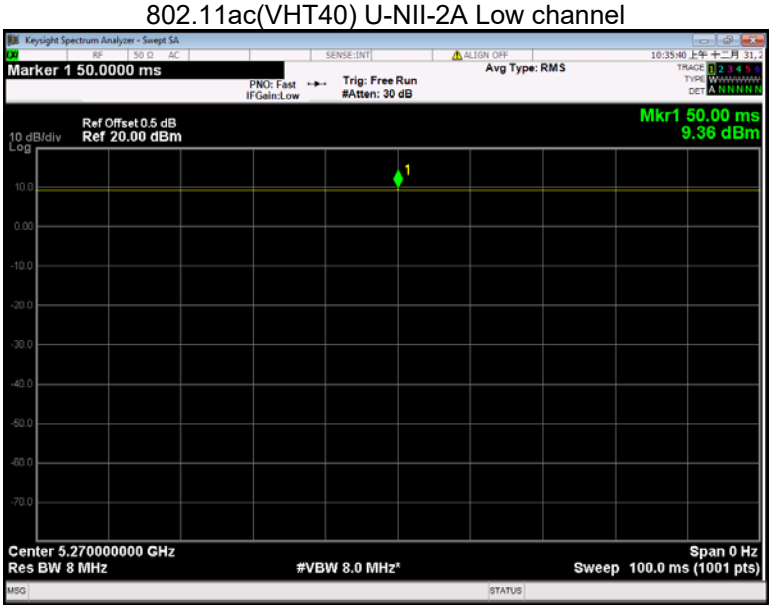
802.11n(HT40) U-NII-2A Low channel



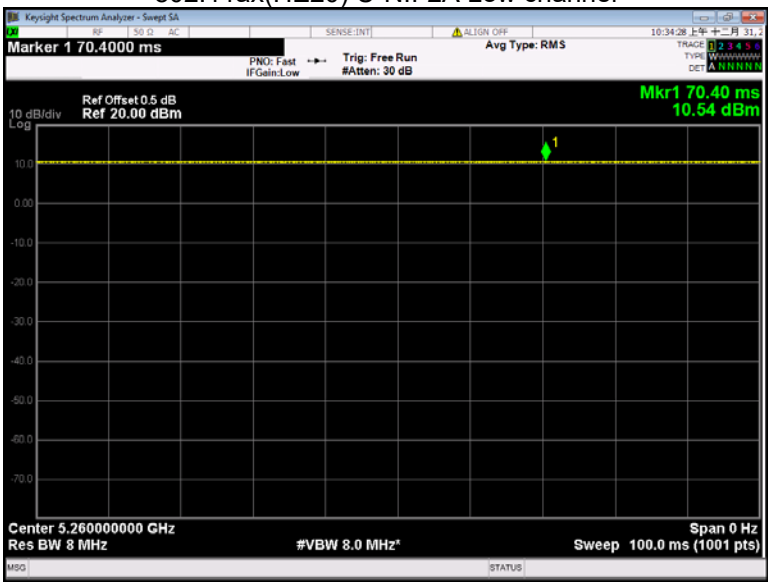
802.11ac(VHT20) U-NII-2A Low channel



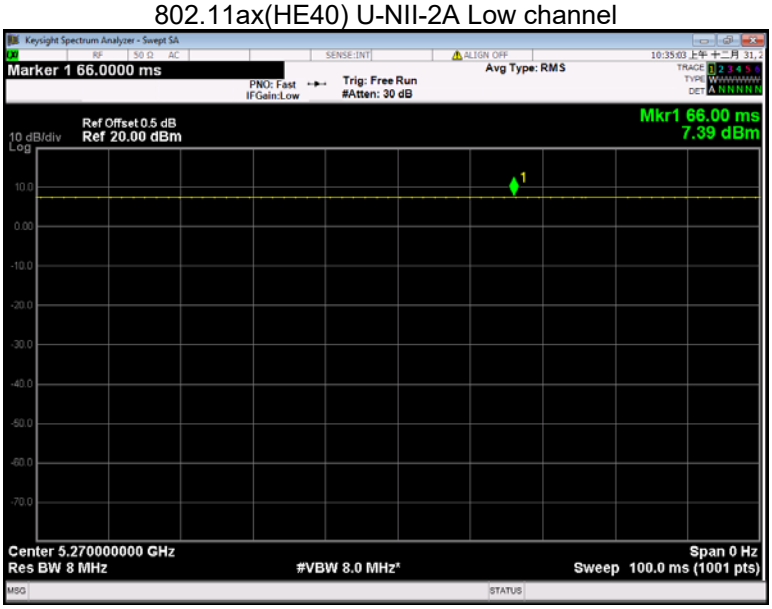
802.11ac(VHT40) U-NII-2A Low channel



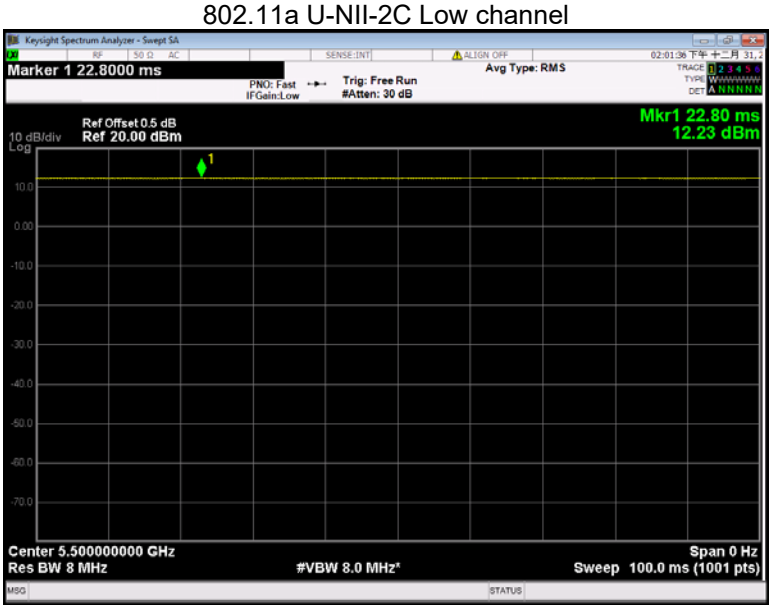
802.11ax(HE20) U-NII-2A Low channel



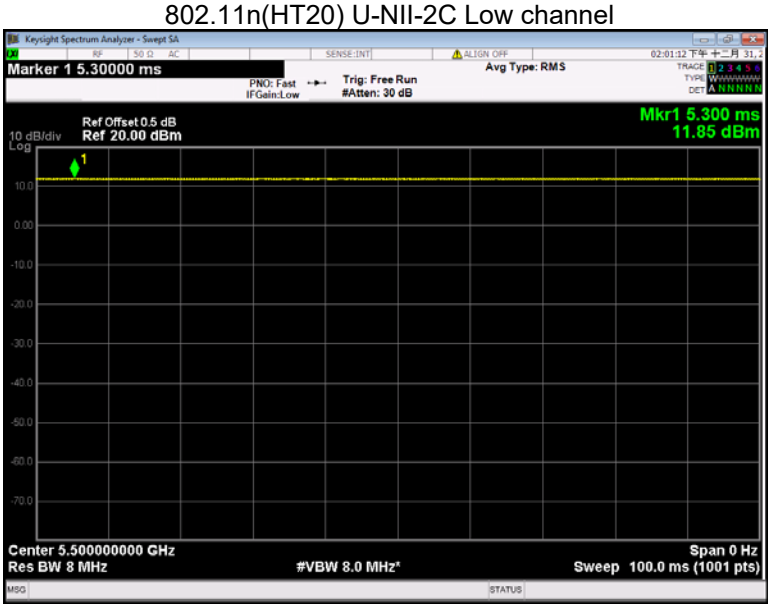
802.11ax(HE40) U-NII-2A Low channel



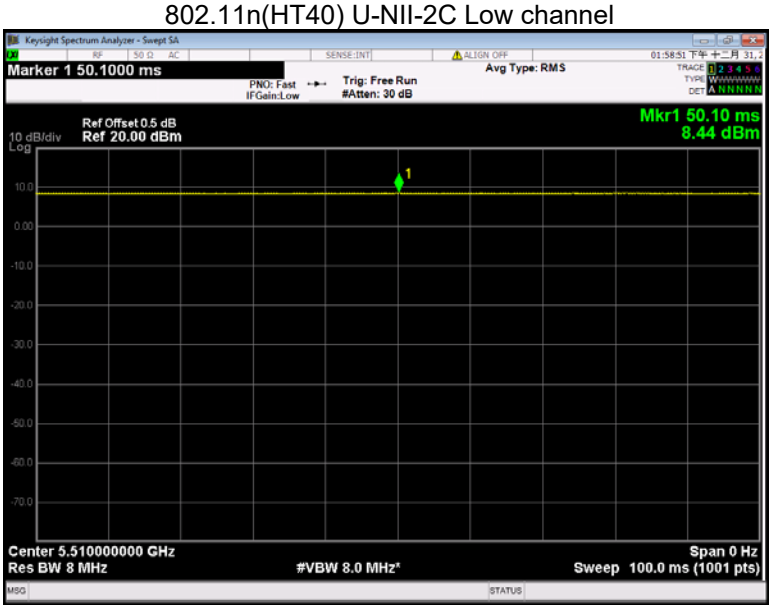
802.11a U-NII-2C Low channel



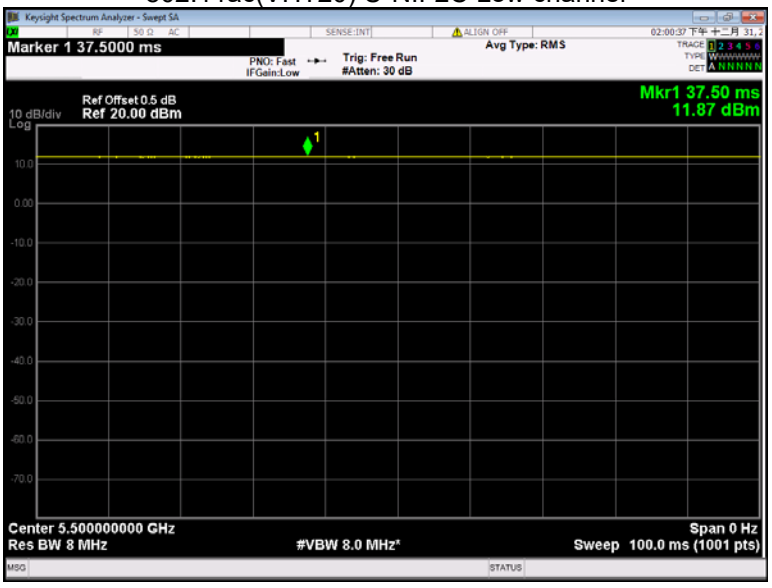
802.11n(HT20) U-NII-2C Low channel



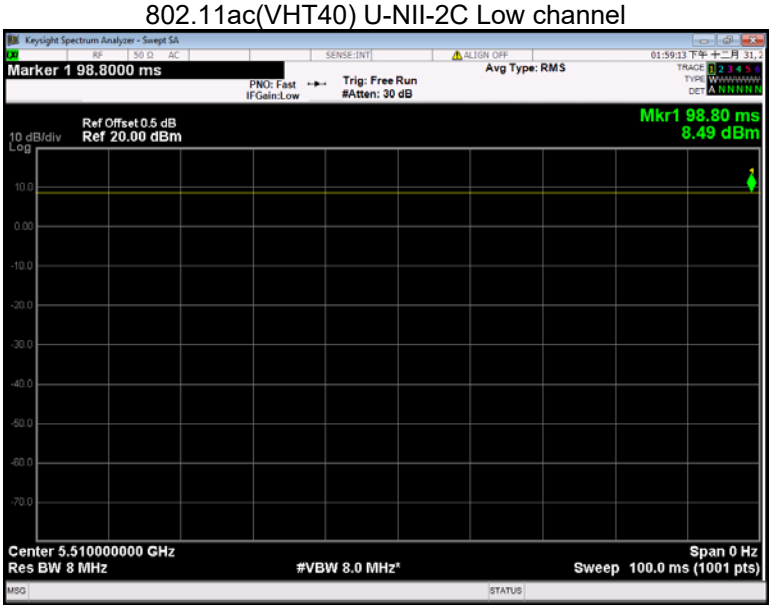
802.11n(HT40) U-NII-2C Low channel



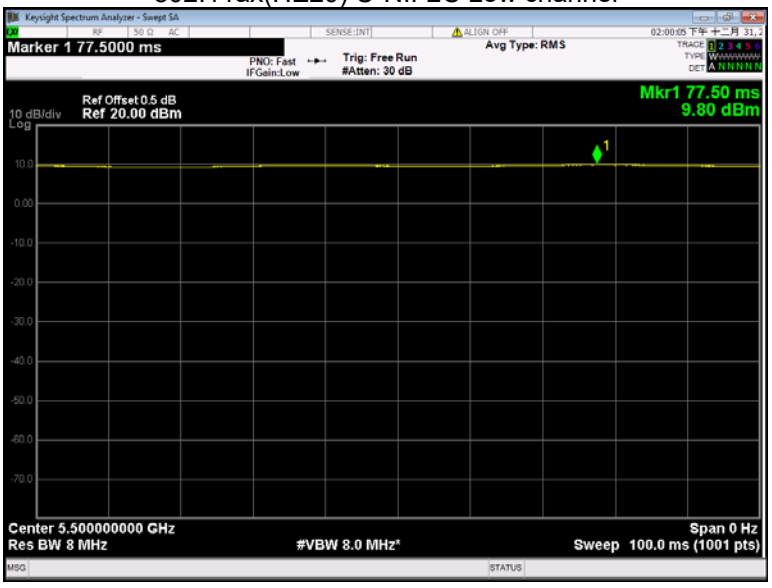
802.11ac(VHT20) U-NII-2C Low channel



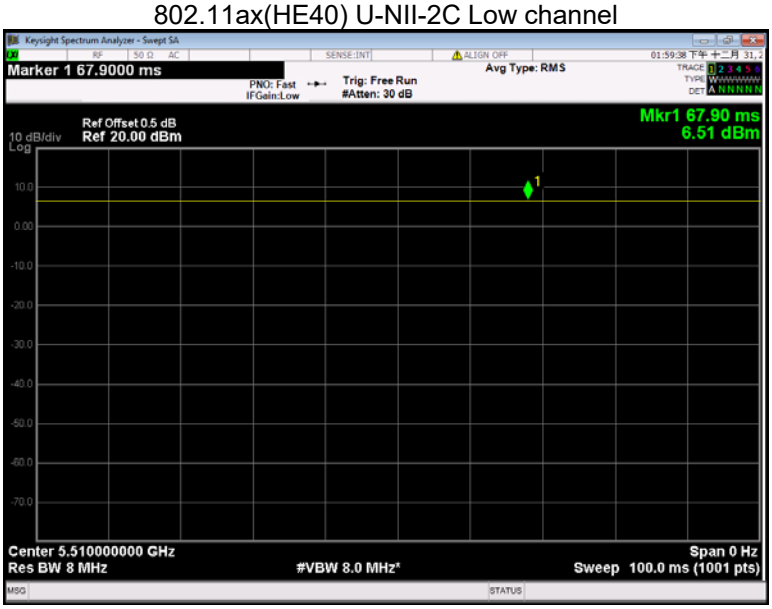
802.11ac(VHT40) U-NII-2C Low channel



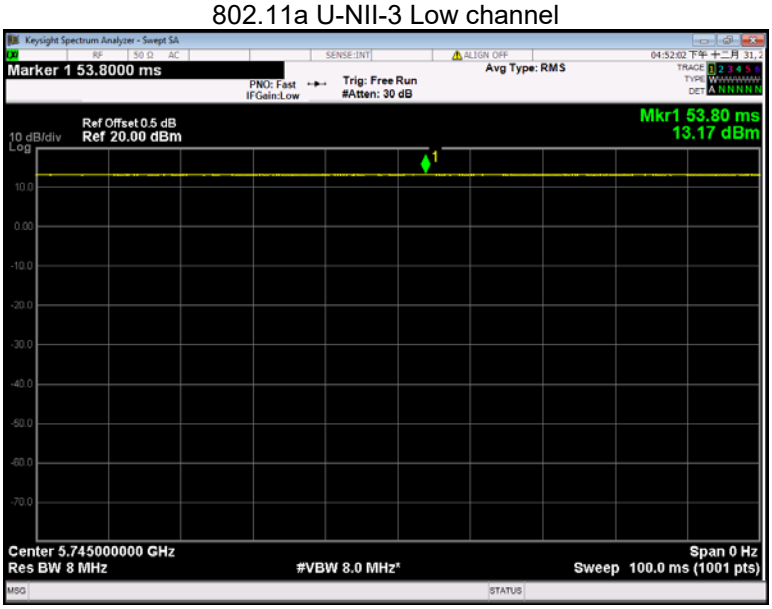
802.11ax(HE20) U-NII-2C Low channel



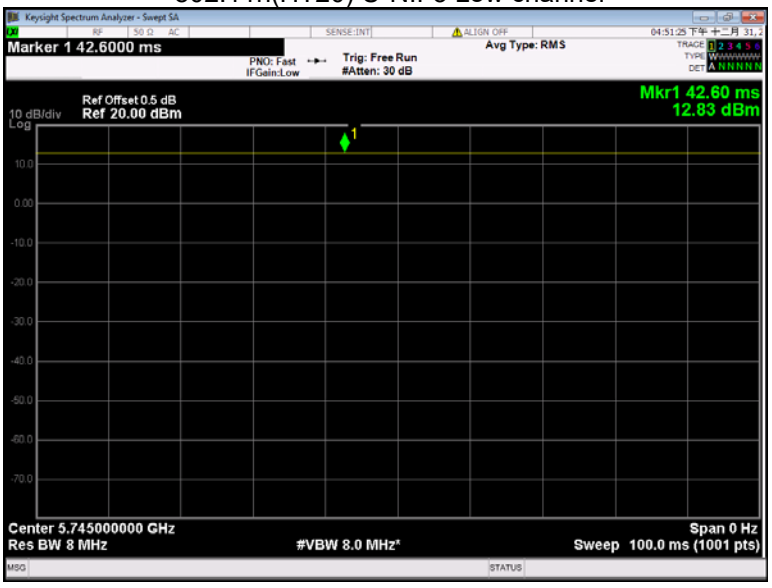
802.11ax(HE40) U-NII-2C Low channel



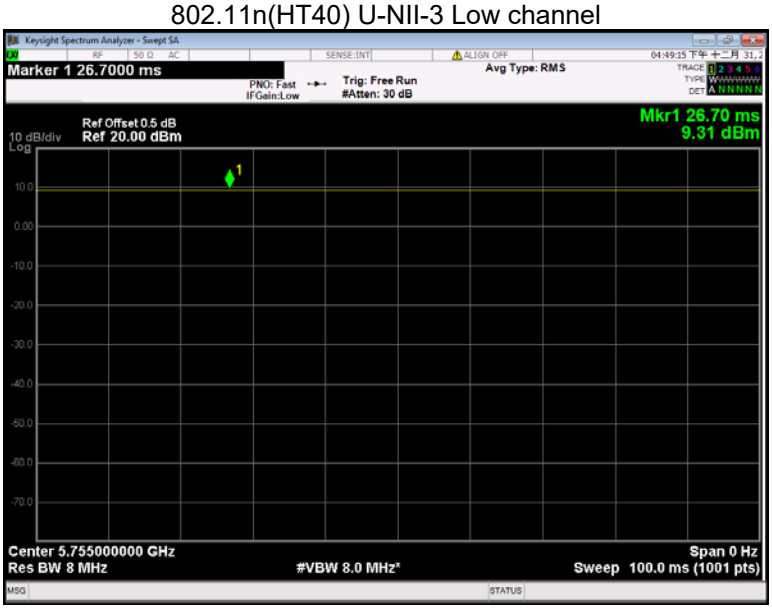
802.11a U-NII-3 Low channel



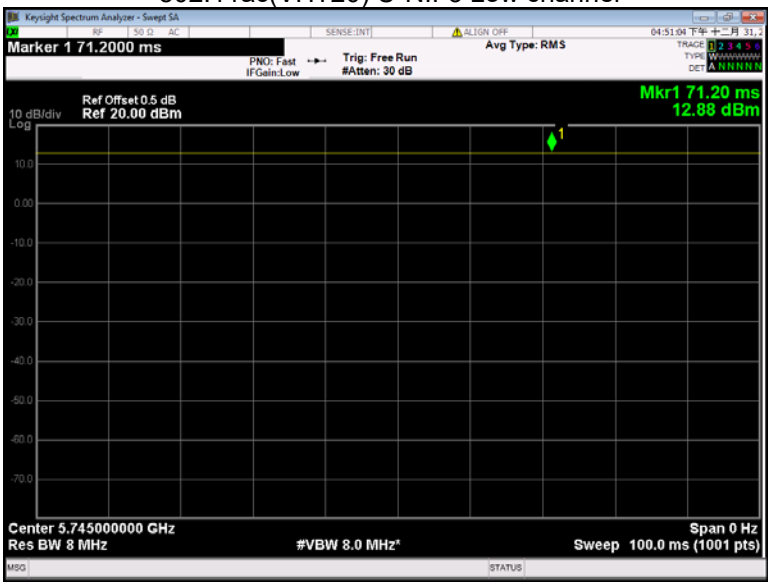
802.11n(HT20) U-NII-3 Low channel



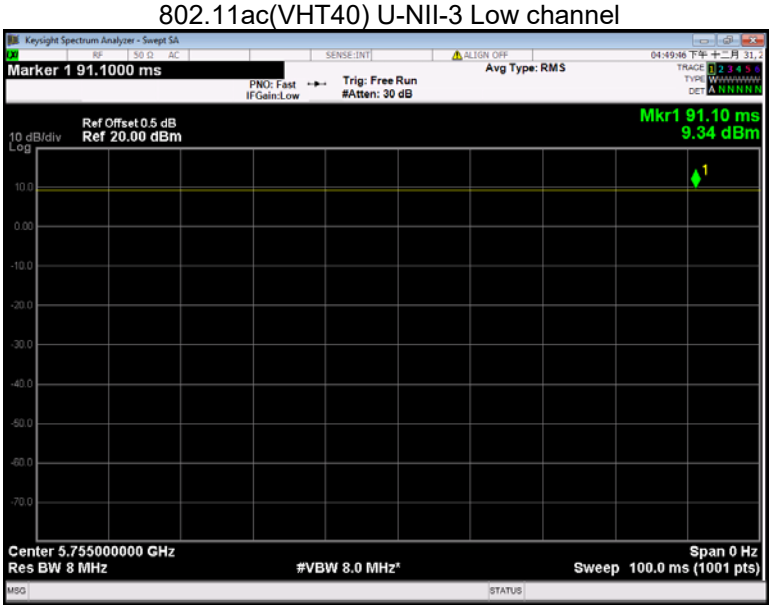
802.11n(HT40) U-NII-3 Low channel



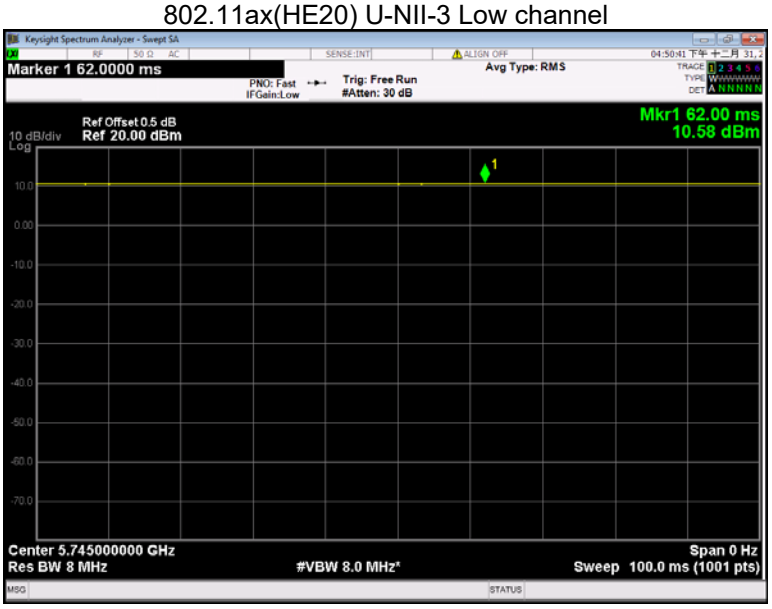
802.11ac(VHT20) U-NII-3 Low channel



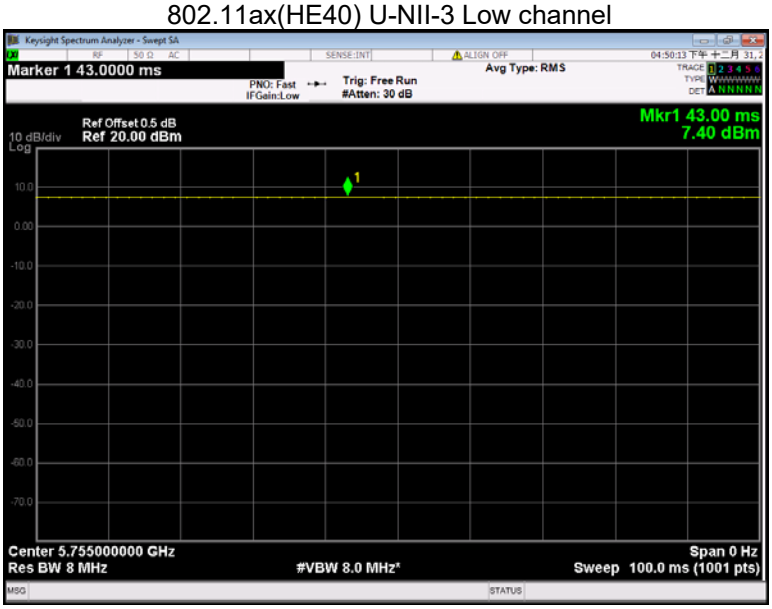
802.11ac(VHT40) U-NII-3 Low channel



802.11ax(HE20) U-NII-3 Low channel



802.11ax(HE40) U-NII-3 Low channel



8 Radiated Emissions

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

Test Method: ANSI C63.10-2020+A1-2024

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(kHz)	300	10000 * 2400/F(kHz)	$20\log^{(2400/F(kHz))} + 80$
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	$20\log^{(24000/F(kHz))} + 40$
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	$20\log^{(500)}$

8.1 EUT Operation

Operating Environment **:**

Temperature: 23.5 °C

Humidity: 52.1 % RH

Atmospheric Pressure: 101.2kPa

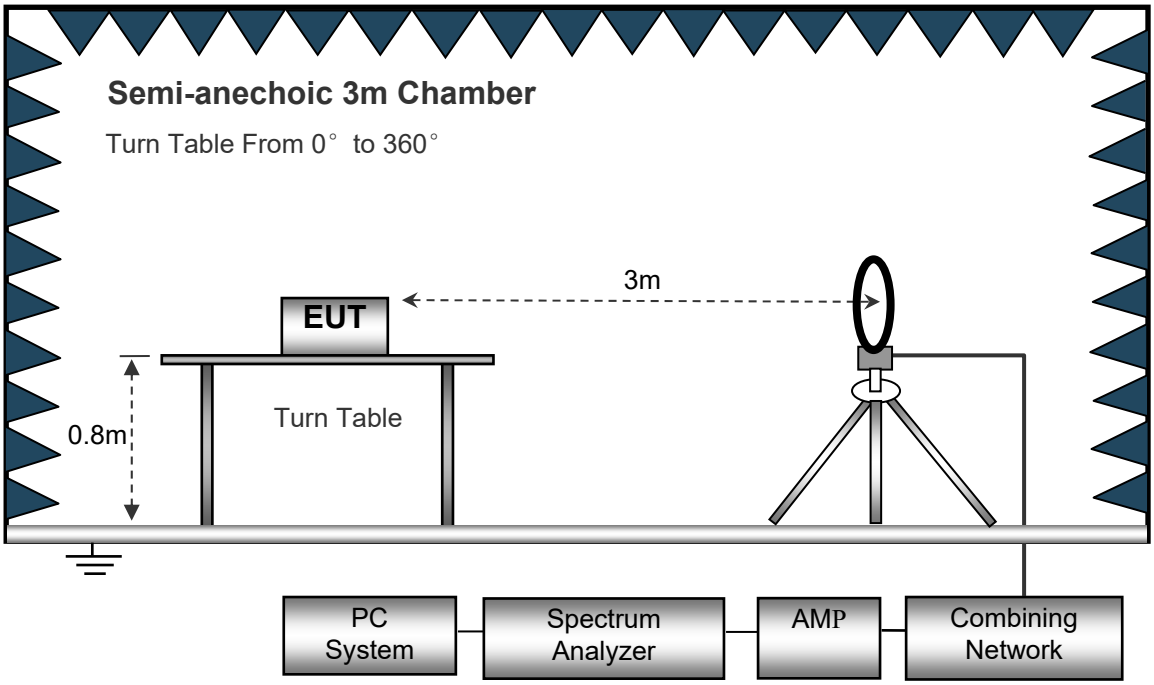
EUT Operation :

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

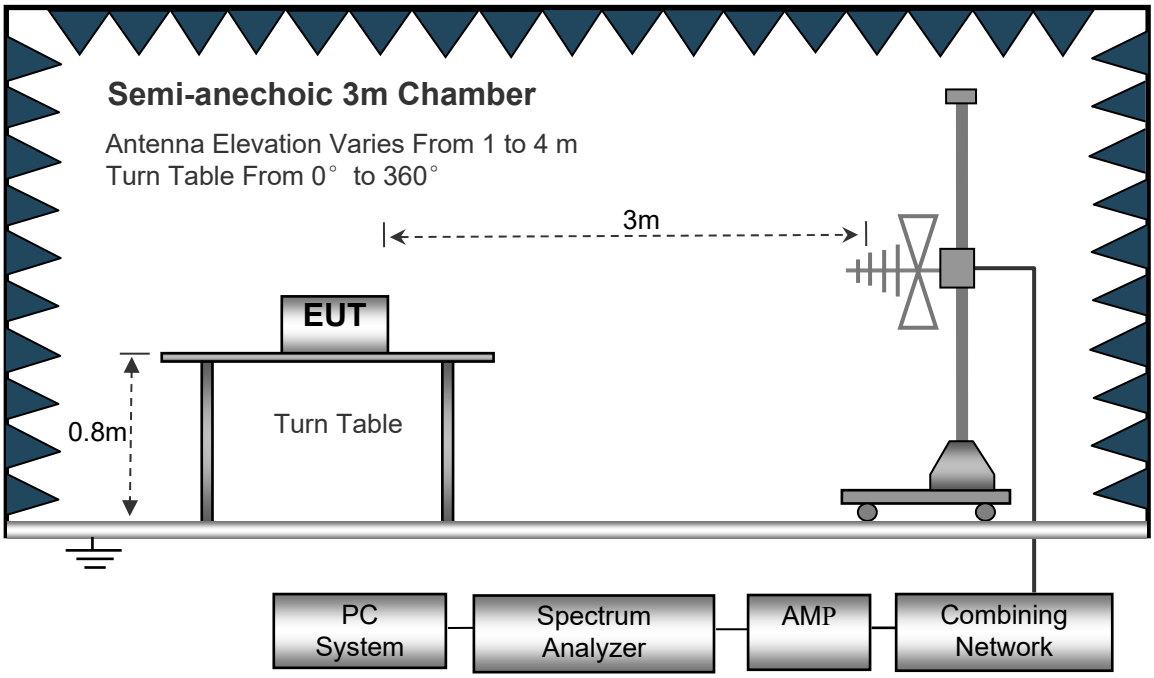
8.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.10-2020+A1-2024.

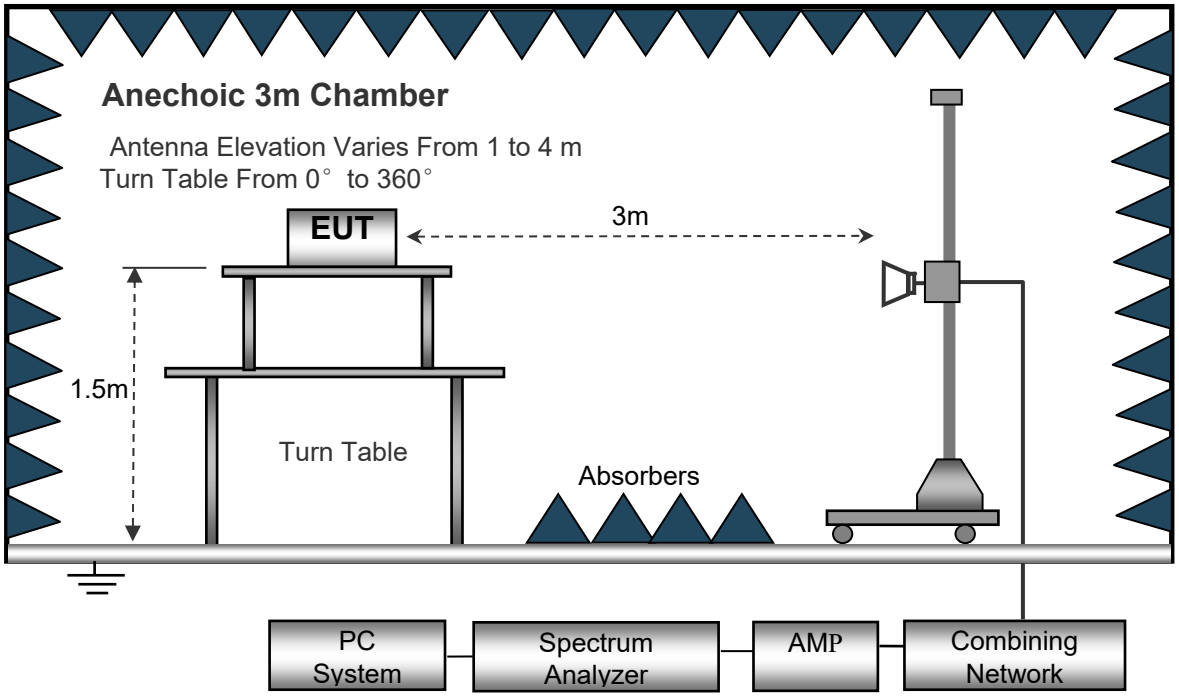
The test setup for emission measurement below 30MHz.



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



The test setup for emission measurement above 1 GHz.



8.3 Spectrum Analyzer Setup

Below 30MHz

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

30MHz ~ 1GHz

Sweep Speed ..... Auto
Detector ..... PK
Resolution Bandwidth..... 100kHz
Video Bandwidth..... 300kHz

Above 1GHz

Sweep Speed ..... Auto
Detector ..... PK
Resolution Bandwidth..... 1MHz
Video Bandwidth..... 3MHz
Detector ..... Ave.
Resolution Bandwidth..... 1MHz
Video Bandwidth..... 10Hz

8.4 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 druing radiated emissions above 1GHz measurement.

8.5 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:

Corr. Ampl. = Indicated Reading + Antenna Factor + Cable Factor - 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:

Margin = Corr. Ampl. – Limit

8.6 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									
245.67	40.68	QP	305	1.3	H	-11.62	29.06	46.00	-16.94
245.67	45.92	QP	215	1.9	V	-11.62	34.30	46.00	-11.70
4535.06	53.85	PK	323	1.7	H	-2.03	51.82	74.00	-22.18
4535.06	43.48	Ave	323	1.7	H	-2.03	41.45	54.00	-12.55
5113.04	53.62	PK	273	2.0	H	-1.02	52.60	74.00	-21.40
5113.04	44.97	Ave	273	2.0	H	-1.02	43.95	54.00	-10.05
10360.00	42.10	PK	85	1.3	H	5.33	47.43	74.00	-26.57
10360.00	37.78	Ave	85	1.3	H	5.33	43.11	54.00	-10.89
802.11a U-NII-1 Middle channel 5200MHz									
245.67	40.51	QP	201	1.6	H	-11.62	28.89	46.00	-17.11
245.67	44.59	QP	28	1.0	V	-11.62	32.97	46.00	-13.03
4506.82	52.87	PK	197	1.9	H	-1.94	50.93	74.00	-23.07
4506.82	42.13	Ave	197	1.9	H	-1.94	40.19	54.00	-13.81
5127.05	54.25	PK	120	1.8	H	-1.06	53.19	74.00	-20.81
5127.05	45.43	Ave	120	1.8	H	-1.06	44.37	54.00	-9.63
10400.00	40.95	PK	71	1.9	H	5.21	46.16	74.00	-27.84
10400.00	36.49	Ave	71	1.9	H	5.21	41.70	54.00	-12.30

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									
245.67	39.11	QP	355	1.6	H	-11.62	27.49	46.00	-18.51
245.67	43.32	QP	189	1.7	V	-11.62	31.70	46.00	-14.30
4515.44	52.35	PK	202	1.1	H	-2.24	50.11	74.00	-23.89
4515.44	40.82	Ave	202	1.1	H	-2.24	38.58	54.00	-15.42
5148.86	53.57	PK	343	1.6	H	-1.09	52.48	74.00	-21.52
5148.86	44.91	Ave	343	1.6	H	-1.09	43.82	54.00	-10.18
10480.00	40.86	PK	32	1.4	H	5.14	46.00	74.00	-28.00
10480.00	37.77	Ave	32	1.4	H	5.14	42.91	54.00	-11.09
802.11a U-NII-2A Low Channel 5260MHz									
245.67	40.35	QP	154	1.8	H	-11.62	28.73	46.00	-17.27
245.67	45.29	QP	139	1.0	V	-11.62	33.67	46.00	-12.33
4539.32	53.93	PK	352	1.6	H	-2.03	51.90	74.00	-22.10
4539.32	40.48	Ave	352	1.6	H	-2.03	38.45	54.00	-15.55
5145.43	53.51	PK	228	1.2	H	-1.02	52.49	74.00	-21.51
5145.43	38.81	Ave	228	1.2	H	-1.02	37.79	54.00	-16.21
10520.00	41.62	PK	316	1.3	H	5.33	46.95	74.00	-27.05
10520.00	32.95	Ave	316	1.3	H	5.33	38.28	54.00	-15.72

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									
245.67	39.99	QP	190	1.2	H	-11.62	28.37	46.00	-17.63
245.67	43.93	QP	45	2.0	V	-11.62	32.31	46.00	-13.69
4501.66	53.25	PK	99	1.4	H	-1.94	51.31	74.00	-22.69
4501.66	39.53	Ave	99	1.4	H	-1.94	37.59	54.00	-16.41
5112.60	52.67	PK	15	1.7	H	-1.06	51.61	74.00	-22.39
5112.60	38.42	Ave	15	1.7	H	-1.06	37.36	54.00	-16.64
10560.00	40.87	PK	4	1.3	H	5.21	46.08	74.00	-27.92
10560.00	32.46	Ave	4	1.3	H	5.21	37.67	54.00	-16.33
802.11a U-NII-2A High channel 5320MHz									
245.67	39.63	QP	70	1.5	H	-11.62	28.01	46.00	-17.99
245.67	42.85	QP	319	1.5	V	-11.62	31.23	46.00	-14.77
4509.39	52.58	PK	218	1.9	H	-2.24	50.34	74.00	-23.66
4509.39	39.08	Ave	218	1.9	H	-2.24	36.84	54.00	-17.16
5119.93	52.16	PK	327	1.8	H	-1.09	51.07	74.00	-22.93
5119.93	38.36	Ave	327	1.8	H	-1.09	37.27	54.00	-16.73
10640.00	40.28	PK	283	1.5	H	5.14	45.42	74.00	-28.58
10640.00	31.49	Ave	283	1.5	H	5.14	36.63	54.00	-17.37

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									
245.67	42.29	QP	43	1.5	H	-11.62	30.67	46.00	-15.33
245.67	46.40	QP	95	1.5	V	-11.62	34.78	46.00	-11.22
4516.35	53.37	PK	269	1.1	H	-2.03	51.34	74.00	-22.66
4516.35	40.05	Ave	269	1.1	H	-2.03	38.02	54.00	-15.98
5149.14	53.80	PK	302	1.0	H	-1.02	52.78	74.00	-21.22
5149.14	38.57	Ave	302	1.0	H	-1.02	37.55	54.00	-16.45
11000.00	41.73	PK	41	1.7	H	5.33	47.06	74.00	-26.94
11000.00	37.11	Ave	41	1.7	H	5.33	42.44	54.00	-11.56
802.11a U-NII-2C Middle channel 5600MHz									
245.67	41.79	QP	248	1.2	H	-11.62	30.17	46.00	-15.83
245.67	46.15	QP	311	1.9	V	-11.62	34.53	46.00	-11.47
4508.06	51.91	PK	150	1.1	H	-1.94	49.97	74.00	-24.03
4508.06	39.56	Ave	150	1.1	H	-1.94	37.62	54.00	-16.38
5112.97	53.97	PK	138	1.1	H	-1.06	52.91	74.00	-21.09
5112.97	38.02	Ave	138	1.1	H	-1.06	36.96	54.00	-17.04
11200.00	40.65	PK	12	1.1	H	5.21	45.86	74.00	-28.14
11200.00	36.13	Ave	12	1.1	H	5.21	41.34	54.00	-12.66

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									
245.67	41.47	QP	323	1.6	H	-11.62	29.85	46.00	-16.15
245.67	45.65	QP	220	1.5	V	-11.62	34.03	46.00	-11.97
4517.22	51.34	PK	170	1.7	H	-2.24	49.10	74.00	-24.90
4517.22	38.15	Ave	170	1.7	H	-2.24	35.91	54.00	-18.09
5111.65	53.71	PK	119	1.4	H	-1.09	52.62	74.00	-21.38
5111.65	37.05	Ave	119	1.4	H	-1.09	35.96	54.00	-18.04
11400.00	40.95	PK	9	1.9	H	5.14	46.09	74.00	-27.91
11400.00	37.08	Ave	9	1.9	H	5.14	42.22	54.00	-11.78
802.11a U-NII-3 Low Channel 5745MHz									
245.67	38.00	QP	321	1.0	H	-11.62	26.38	46.00	-19.62
245.67	43.15	QP	99	1.5	V	-11.62	31.53	46.00	-14.47
4511.02	50.90	PK	341	1.4	H	-2.06	48.84	74.00	-25.16
4511.02	39.50	Ave	341	1.4	H	-2.06	37.44	54.00	-16.56
5366.28	41.42	PK	138	1.6	H	5.93	47.35	74.00	-26.65
5366.28	36.57	Ave	138	1.6	H	5.93	42.50	54.00	-11.50
11490.00	45.26	PK	243	1.9	H	-1.25	44.01	74.00	-29.99
11490.00	38.53	Ave	243	1.9	H	-1.25	37.28	54.00	-16.72

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									
245.67	37.55	QP	293	1.4	H	-11.62	25.93	46.00	-20.07
245.67	41.95	QP	56	2.0	V	-11.62	30.33	46.00	-15.67
4535.66	50.54	PK	282	1.3	H	-2.03	48.51	74.00	-25.49
4535.66	38.80	Ave	282	1.3	H	-2.03	36.77	54.00	-17.23
5364.50	41.78	PK	62	1.8	H	5.81	47.59	74.00	-26.41
5364.50	37.43	Ave	62	1.8	H	5.81	43.24	54.00	-10.76
11570.00	45.51	PK	44	1.5	H	-1.22	44.29	74.00	-29.71
11570.00	37.34	Ave	44	1.5	H	-1.22	36.12	54.00	-17.88
802.11a U-NII-3 High channel 5825MHz									
245.67	36.38	QP	249	1.1	H	-11.62	24.76	46.00	-21.24
245.67	41.88	QP	243	1.6	V	-11.62	30.26	46.00	-15.74
4537.70	49.30	PK	244	1.7	H	-1.84	47.46	74.00	-26.54
4537.70	38.23	Ave	244	1.7	H	-1.84	36.39	54.00	-17.61
5378.33	40.84	PK	171	1.3	H	5.84	46.68	74.00	-27.32
5378.33	36.76	Ave	171	1.3	H	5.84	42.60	54.00	-11.40
11650.00	46.23	PK	326	1.6	H	-1.30	44.93	74.00	-29.07
11650.00	38.40	Ave	326	1.6	H	-1.30	37.10	54.00	-16.90

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)
802.11n(HT20) U-NII-1 Low Channel 5180MHz									
245.67	36.30	QP	184	1.8	H	-11.62	24.68	46.00	-21.32
245.67	41.73	QP	181	1.3	V	-11.62	30.11	46.00	-15.89
4530.22	48.01	PK	345	1.3	H	-2.14	45.87	74.00	-28.13
4530.22	37.83	Ave	345	1.3	H	-2.14	35.69	54.00	-18.31
5122.57	44.93	PK	96	1.8	H	-1.06	43.87	74.00	-30.13
5122.57	37.21	Ave	96	1.8	H	-1.06	36.15	54.00	-17.85
10360.00	41.55	PK	39	1.3	H	5.33	46.88	74.00	-27.12
10360.00	37.70	Ave	39	1.3	H	5.33	43.03	54.00	-10.97
802.11n(HT20) U-NII-1 Middle channel 5200MHz									
245.67	35.74	QP	308	1.7	H	-11.62	24.12	46.00	-21.88
245.67	41.13	QP	104	1.3	V	-11.62	29.51	46.00	-16.49
4539.36	47.15	PK	351	1.7	H	-2.12	45.03	74.00	-28.97
4539.36	37.02	Ave	351	1.7	H	-2.12	34.90	54.00	-19.10
5145.72	44.23	PK	114	1.8	H	-1.06	43.17	74.00	-30.83
5145.72	38.55	Ave	114	1.8	H	-1.06	37.49	54.00	-16.51
10400.00	42.27	PK	41	1.7	H	5.21	47.48	74.00	-26.52
10400.00	36.55	Ave	41	1.7	H	5.21	41.76	54.00	-12.24

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									
245.67	36.06	QP	297	1.9	H	-11.62	24.44	46.00	-21.56
245.67	43.42	QP	335	1.9	V	-11.62	31.80	46.00	-14.20
4537.64	46.67	PK	93	1.2	H	-1.96	44.71	74.00	-29.29
4537.64	37.57	Ave	93	1.2	H	-1.96	35.61	54.00	-18.39
5138.89	45.26	PK	306	1.5	H	-1.06	44.20	74.00	-29.80
5138.89	39.14	Ave	306	1.5	H	-1.06	38.08	54.00	-15.92
10480.00	43.56	PK	73	1.2	H	5.14	48.70	74.00	-25.30
10480.00	37.26	Ave	73	1.2	H	5.14	42.40	54.00	-11.60
802.11n(HT20) U-NII-2A Low Channel 5260MHz									
245.67	35.60	QP	273	2.0	H	-11.62	23.98	46.00	-22.02
245.67	38.00	QP	98	1.5	V	-11.62	26.38	46.00	-19.62
4535.59	37.79	PK	314	1.1	H	-2.03	35.76	74.00	-38.24
4535.59	46.36	Ave	314	1.1	H	-2.03	44.33	54.00	-9.67
5114.97	39.66	PK	269	1.2	H	-1.02	38.64	74.00	-35.36
5114.97	40.30	Ave	269	1.2	H	-1.02	39.28	54.00	-14.72
10520.00	40.81	PK	134	1.9	H	5.33	46.14	74.00	-27.86
10520.00	36.85	Ave	134	1.9	H	5.33	42.18	54.00	-11.82

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									
245.67	35.14	QP	121	1.9	H	-11.62	23.52	46.00	-22.48
245.67	37.75	QP	242	1.8	V	-11.62	26.13	46.00	-19.87
4534.86	38.97	PK	82	1.4	H	-1.94	37.03	74.00	-36.97
4534.86	45.20	Ave	82	1.4	H	-1.94	43.26	54.00	-10.74
5124.68	39.24	PK	66	1.1	H	-1.06	38.18	74.00	-35.82
5124.68	39.65	Ave	66	1.1	H	-1.06	38.59	54.00	-15.41
10560.00	40.49	PK	235	1.1	H	5.21	45.70	74.00	-28.30
10560.00	37.53	Ave	235	1.1	H	5.21	42.74	54.00	-11.26
802.11n(HT20) U-NII-2A High channel 5320MHz									
245.67	33.48	QP	314	1.4	H	-11.62	21.86	46.00	-24.14
245.67	38.50	QP	5	1.9	V	-11.62	26.88	46.00	-19.12
4513.41	40.21	PK	276	1.4	H	-2.24	37.97	74.00	-36.03
4513.41	45.58	Ave	276	1.4	H	-2.24	43.34	54.00	-10.66
5115.92	40.95	PK	60	1.1	H	-1.09	39.86	74.00	-34.14
5115.92	40.37	Ave	60	1.1	H	-1.09	39.28	54.00	-14.72
10640.00	41.88	PK	30	1.6	H	5.14	47.02	74.00	-26.98
10640.00	37.46	Ave	30	1.6	H	5.14	42.60	54.00	-11.40

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-2C Low Channel 5500MHz									
245.67	32.80	QP	8	1.8	H	-11.62	21.18	46.00	-24.82
245.67	39.17	QP	185	1.4	V	-11.62	27.55	46.00	-18.45
4537.08	41.38	PK	142	1.5	H	-2.03	39.35	74.00	-34.65
4537.08	38.39	Ave	142	1.5	H	-2.03	36.36	54.00	-17.64
5128.34	45.96	PK	72	1.3	H	-1.02	44.94	74.00	-29.06
5128.34	38.64	Ave	72	1.3	H	-1.02	37.62	54.00	-16.38
11000.00	37.34	PK	275	1.0	H	5.33	42.67	74.00	-31.33
11000.00	28.05	Ave	275	1.0	H	5.33	33.38	54.00	-20.62
802.11n(HT20) U-NII-2C Middle channel 5600MHz									
245.67	32.72	QP	232	2.0	H	-11.62	21.10	46.00	-24.90
245.67	39.18	QP	149	1.2	V	-11.62	27.56	46.00	-18.44
4515.52	41.52	PK	45	1.6	H	-1.94	39.58	74.00	-34.42
4515.52	39.46	Ave	45	1.6	H	-1.94	37.52	54.00	-16.48
5137.21	46.58	PK	17	1.9	H	-1.06	45.52	74.00	-28.48
5137.21	38.48	Ave	17	1.9	H	-1.06	37.42	54.00	-16.58
11200.00	36.17	PK	241	1.2	H	5.21	41.38	74.00	-32.62
11200.00	26.63	Ave	241	1.2	H	5.21	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-2C High channel 5700MHz									
245.67	33.37	QP	249	1.8	H	-11.62	21.75	46.00	-24.25
245.67	37.90	QP	179	1.1	V	-11.62	26.28	46.00	-19.72
4503.46	40.72	PK	261	1.7	H	-2.24	38.48	74.00	-35.52
4503.46	38.24	Ave	261	1.7	H	-2.24	36.00	54.00	-18.00
5117.14	47.39	PK	119	1.6	H	-1.09	46.30	74.00	-27.70
5117.14	38.37	Ave	119	1.6	H	-1.09	37.28	54.00	-16.72
11400.00	37.03	PK	185	1.5	H	5.14	42.17	74.00	-31.83
11400.00	26.96	Ave	185	1.5	H	5.14	32.10	54.00	-21.90
802.11n(HT20) U-NII-3 Low Channel 5745MHz									
245.67	29.22	QP	43	1.6	H	-11.62	17.60	46.00	-28.40
245.67	36.66	QP	301	1.3	V	-11.62	25.04	46.00	-20.96
4532.76	39.32	PK	81	1.3	H	-2.06	37.26	74.00	-36.74
4532.76	46.04	Ave	81	1.3	H	-2.06	43.98	54.00	-10.02
5375.75	36.19	PK	44	1.4	H	5.93	42.12	74.00	-31.88
5375.75	36.61	Ave	44	1.4	H	5.93	42.54	54.00	-11.46
11490.00	46.10	PK	53	1.3	H	-1.25	44.85	74.00	-29.15
11490.00	38.22	Ave	53	1.3	H	-1.25	36.97	54.00	-17.03

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)
802.11n(HT20) U-NII-3 middle channel 5785MHz									
245.67	29.24	QP	234	1.4	H	-11.62	17.62	46.00	-28.38
245.67	40.57	QP	30	1.2	V	-11.62	28.95	46.00	-17.05
4513.37	36.46	PK	344	1.9	H	-2.03	34.43	74.00	-39.57
4513.37	44.92	Ave	344	1.9	H	-2.03	42.89	54.00	-11.11
5373.44	38.05	PK	308	1.7	H	5.81	43.86	74.00	-30.14
5373.44	37.69	Ave	308	1.7	H	5.81	43.50	54.00	-10.50
11570.00	45.63	PK	203	1.6	H	-1.22	44.41	74.00	-29.59
11570.00	38.21	Ave	203	1.6	H	-1.22	36.99	54.00	-17.01
802.11n(HT20) U-NII-3 High channel 5825MHz									
245.67	26.03	QP	210	1.9	H	-11.62	14.41	46.00	-31.59
245.67	40.56	QP	206	1.2	V	-11.62	28.94	46.00	-17.06
4507.36	40.80	PK	229	1.1	H	-1.84	38.96	74.00	-35.04
4507.36	45.65	Ave	229	1.1	H	-1.84	43.81	54.00	-10.19
5376.68	36.74	PK	119	1.2	H	5.84	42.58	74.00	-31.42
5376.68	38.76	Ave	119	1.2	H	5.84	44.60	54.00	-9.40
11650.00	46.64	PK	194	1.1	H	-1.30	45.34	74.00	-28.66
11650.00	38.24	Ave	194	1.1	H	-1.30	36.94	54.00	-17.06

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									
245.67	30.90	QP	111	1.7	H	-11.62	19.28	46.00	-26.72
245.67	35.96	QP	160	2.0	V	-11.62	24.34	46.00	-21.66
4539.20	45.19	PK	146	1.6	H	-1.86	43.33	74.00	-30.67
4539.20	39.41	Ave	146	1.6	H	-1.86	37.55	54.00	-16.45
5133.20	34.02	PK	329	1.3	H	-1.06	32.96	74.00	-41.04
5133.20	42.14	Ave	329	1.3	H	-1.06	41.08	54.00	-12.92
10360.00	46.23	PK	176	2.0	H	5.33	51.56	74.00	-22.44
10360.00	37.66	Ave	176	2.0	H	5.33	42.99	54.00	-11.01
802.11ac(VHT20) U-NII-1 Middle channel 5200MHz									
245.67	30.45	QP	22	1.2	H	-11.62	18.83	46.00	-27.17
245.67	36.01	QP	226	1.6	V	-11.62	24.39	46.00	-21.61
4504.45	45.09	PK	62	1.0	H	-1.82	43.27	74.00	-30.73
4504.45	38.53	Ave	62	1.0	H	-1.82	36.71	54.00	-17.29
5130.61	33.93	PK	215	2.0	H	-1.06	32.87	74.00	-41.13
5130.61	41.42	Ave	215	2.0	H	-1.06	40.36	54.00	-13.64
10400.00	42.44	PK	65	1.5	H	5.21	47.65	74.00	-26.35
10400.00	38.41	Ave	65	1.5	H	5.21	43.62	54.00	-10.38

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									
245.67	31.14	QP	234	1.3	H	-11.62	19.52	46.00	-26.48
245.67	35.30	QP	227	1.0	V	-11.62	23.68	46.00	-22.32
4501.07	44.87	PK	99	1.3	H	-1.81	43.06	74.00	-30.94
4501.07	37.95	Ave	99	1.3	H	-1.81	36.14	54.00	-17.86
5133.37	35.91	PK	134	1.1	H	-1.06	34.85	74.00	-39.15
5133.37	43.19	Ave	134	1.1	H	-1.06	42.13	54.00	-11.87
10480.00	42.69	PK	7	1.9	H	5.14	47.83	74.00	-26.17
10480.00	37.78	Ave	7	1.9	H	5.14	42.92	54.00	-11.08
802.11ac(VHT20) U-NII-2A Low Channel 5260MHz									
245.67	32.23	QP	203	1.9	H	-11.62	20.61	46.00	-25.39
245.67	38.74	QP	236	1.8	V	-11.62	27.12	46.00	-18.88
4527.63	40.79	PK	135	1.4	H	-2.03	38.76	74.00	-35.24
4527.63	36.43	Ave	135	1.4	H	-2.03	34.40	54.00	-19.60
5118.85	47.46	PK	297	1.4	H	-1.02	46.44	74.00	-27.56
5118.85	39.15	Ave	297	1.4	H	-1.02	38.13	54.00	-15.87
10520.00	35.18	PK	65	1.4	H	5.33	40.51	74.00	-33.49
10520.00	38.70	Ave	65	1.4	H	5.33	44.03	54.00	-9.97

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									
245.67	35.96	QP	340	1.9	H	-11.62	24.34	46.00	-21.66
245.67	43.86	QP	342	1.1	V	-11.62	32.24	46.00	-13.76
4536.24	44.05	PK	261	1.9	H	-1.94	42.11	74.00	-31.89
4536.24	36.77	Ave	261	1.9	H	-1.94	34.83	54.00	-19.17
5123.70	47.14	PK	169	1.5	H	-1.06	46.08	74.00	-27.92
5123.70	40.12	Ave	169	1.5	H	-1.06	39.06	54.00	-14.94
10560.00	34.27	PK	35	1.4	H	5.21	39.48	74.00	-34.52
10560.00	37.73	Ave	35	1.4	H	5.21	42.94	54.00	-11.06
802.11ac(VHT20) U-NII-2A High channel 5320MHz									
245.67	36.93	QP	45	1.8	H	-11.62	25.31	46.00	-20.69
245.67	44.15	QP	139	1.7	V	-11.62	32.53	46.00	-13.47
4518.70	44.04	PK	357	1.7	H	-2.24	41.80	74.00	-32.20
4518.70	36.65	Ave	357	1.7	H	-2.24	34.41	54.00	-19.59
5136.11	46.52	PK	265	1.6	H	-1.09	45.43	74.00	-28.57
5136.11	39.13	Ave	265	1.6	H	-1.09	38.04	54.00	-15.96
10640.00	33.66	PK	256	1.5	H	5.14	38.80	74.00	-35.20
10640.00	38.58	Ave	256	1.5	H	5.14	43.72	54.00	-10.28

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									
245.67	37.50	QP	7	1.2	H	-11.62	25.88	46.00	-20.12
245.67	45.22	QP	287	1.2	V	-11.62	33.60	46.00	-12.40
4514.15	33.85	PK	137	1.7	H	-2.03	31.82	74.00	-42.18
4514.15	38.54	Ave	137	1.7	H	-2.03	36.51	54.00	-17.49
5137.38	46.79	PK	49	1.8	H	-1.02	45.77	74.00	-28.23
5137.38	38.92	Ave	49	1.8	H	-1.02	37.90	54.00	-16.10
11000.00	36.71	PK	107	1.5	H	5.33	42.04	74.00	-31.96
11000.00	36.71	Ave	107	1.5	H	5.33	42.04	54.00	-11.96
802.11ac(VHT20) U-NII-2C Middle channel 5600MHz									
245.67	36.18	QP	48	1.1	H	-11.62	24.56	46.00	-21.44
245.67	43.79	QP	61	1.5	V	-11.62	32.17	46.00	-13.83
4517.99	32.75	PK	340	1.4	H	-1.94	30.81	74.00	-43.19
4517.99	39.20	Ave	340	1.4	H	-1.94	37.26	54.00	-16.74
5119.87	46.00	PK	17	1.4	H	-1.06	44.94	74.00	-29.06
5119.87	40.55	Ave	17	1.4	H	-1.06	39.49	54.00	-14.51
11200.00	37.92	PK	306	1.3	H	5.21	43.13	74.00	-30.87
11200.00	35.25	Ave	306	1.3	H	5.21	40.46	54.00	-13.54

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(VHT20) U-NII-2C High channel 5700MHz									
245.67	36.32	QP	151	1.7	H	-11.62	24.70	46.00	-21.30
245.67	42.31	QP	42	1.9	V	-11.62	30.69	46.00	-15.31
4502.99	33.32	PK	93	1.6	H	-2.24	31.08	74.00	-42.92
4502.99	38.30	Ave	93	1.6	H	-2.24	36.06	54.00	-17.94
5130.62	47.68	PK	90	1.3	H	-1.09	46.59	74.00	-27.41
5130.62	41.41	Ave	90	1.3	H	-1.09	40.32	54.00	-13.68
11400.00	37.79	PK	141	1.5	H	5.14	42.93	74.00	-31.07
11400.00	35.57	Ave	141	1.5	H	5.14	40.71	54.00	-13.29
802.11ac(VHT20) U-NII-3 Low Channel 5745MHz									
245.67	28.38	QP	271	1.8	H	-11.62	16.76	46.00	-29.24
245.67	35.60	QP	156	2.0	V	-11.62	23.98	46.00	-22.02
4515.43	43.30	PK	109	1.5	H	-1.92	41.38	74.00	-32.62
4515.43	34.35	Ave	109	1.5	H	-1.92	32.43	54.00	-21.57
5372.35	39.24	PK	271	1.5	H	5.93	45.17	74.00	-28.83
5372.35	36.01	Ave	271	1.5	H	5.93	41.94	54.00	-12.06
11490.00	46.39	PK	322	1.8	H	-1.03	45.36	74.00	-28.64
11490.00	37.31	Ave	322	1.8	H	-1.03	36.28	54.00	-17.72

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									
245.67	28.88	QP	7	1.7	H	-11.62	17.26	46.00	-28.74
245.67	34.63	QP	32	1.9	V	-11.62	23.01	46.00	-22.99
4524.77	43.50	PK	159	1.9	H	-1.97	41.53	74.00	-32.47
4524.77	34.47	Ave	159	1.9	H	-1.97	32.50	54.00	-21.50
5387.36	42.35	PK	210	1.4	H	5.81	48.16	74.00	-25.84
5387.36	36.72	Ave	210	1.4	H	5.81	42.53	54.00	-11.47
11570.00	46.54	PK	236	1.8	H	-1.05	45.49	74.00	-28.51
11570.00	37.60	Ave	236	1.8	H	-1.05	36.55	54.00	-17.45
802.11ac(VHT20) U-NII-3 High channel 5825MHz									
245.67	28.42	QP	2	1.6	H	-11.62	16.80	46.00	-29.20
245.67	34.97	QP	53	1.7	V	-11.62	23.35	46.00	-22.65
4529.25	43.47	PK	202	1.1	H	-1.88	41.59	74.00	-32.41
4529.25	35.08	Ave	202	1.1	H	-1.88	33.20	54.00	-20.80
5351.88	41.90	PK	113	1.6	H	5.84	47.74	74.00	-26.26
5351.88	37.65	Ave	113	1.6	H	5.84	43.49	54.00	-10.51
11650.00	45.29	PK	233	1.8	H	-1.06	44.23	74.00	-29.77
11650.00	37.54	Ave	233	1.8	H	-1.06	36.48	54.00	-17.52

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)
802.11ax(HE20) U-NII-1 Low Channel 5180MHz									
245.67	28.15	QP	128	1.1	H	-11.62	16.53	46.00	-29.47
245.67	33.99	QP	135	1.5	V	-11.62	22.37	46.00	-23.63
4533.93	46.67	PK	84	1.4	H	-1.86	44.81	74.00	-29.19
4533.93	38.45	Ave	84	1.4	H	-1.86	36.59	54.00	-17.41
5148.44	33.51	PK	18	1.6	H	-1.06	32.45	74.00	-41.55
5148.44	41.65	Ave	18	1.6	H	-1.06	40.59	54.00	-13.41
10360.00	45.17	PK	29	1.4	H	5.33	50.50	74.00	-23.50
10360.00	37.73	Ave	29	1.4	H	5.33	43.06	54.00	-10.94
802.11ax(HE20) U-NII-1 Middle channel 5200MHz									
245.67	27.45	QP	210	2.0	H	-11.62	15.83	46.00	-30.17
245.67	34.28	QP	184	1.2	V	-11.62	22.66	46.00	-23.34
4525.40	46.06	PK	2	1.9	H	-1.82	44.24	74.00	-29.76
4525.40	38.66	Ave	2	1.9	H	-1.82	36.84	54.00	-17.16
5133.21	34.77	PK	100	1.8	H	-1.06	33.71	74.00	-40.29
5133.21	42.04	Ave	100	1.8	H	-1.06	40.98	54.00	-13.02
10400.00	40.72	PK	57	1.2	H	5.21	45.93	74.00	-28.07
10400.00	36.15	Ave	57	1.2	H	5.21	41.36	54.00	-12.64

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)
802.11ax(HE20) U-NII-1 High channel 5240MHz									
245.67	27.98	QP	149	1.3	H	-11.62	16.36	46.00	-29.64
245.67	33.82	QP	215	1.4	V	-11.62	22.20	46.00	-23.80
4518.86	45.57	PK	1	1.5	H	-1.81	43.76	74.00	-30.24
4518.86	38.30	Ave	1	1.5	H	-1.81	36.49	54.00	-17.51
5145.82	35.76	PK	218	1.0	H	-1.06	34.70	74.00	-39.30
5145.82	42.78	Ave	218	1.0	H	-1.06	41.72	54.00	-12.28
10480.00	41.09	PK	263	1.6	H	5.14	46.23	74.00	-27.77
10480.00	35.95	Ave	263	1.6	H	5.14	41.09	54.00	-12.91
802.11ax(HE20) U-NII-2A Low Channel 5260MHz									
245.67	38.01	QP	261	1.1	H	-11.62	26.39	46.00	-19.61
245.67	40.41	QP	169	1.7	V	-11.62	28.79	46.00	-17.21
4528.65	43.34	PK	210	1.6	H	-2.03	41.31	74.00	-32.69
4528.65	38.07	Ave	210	1.6	H	-2.03	36.04	54.00	-17.96
5147.34	47.71	PK	156	1.3	H	-1.02	46.69	74.00	-27.31
5147.34	39.84	Ave	156	1.3	H	-1.02	38.82	54.00	-15.18
10520.00	35.26	PK	357	1.8	H	5.33	40.59	74.00	-33.41
10520.00	38.42	Ave	357	1.8	H	5.33	43.75	54.00	-10.25

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)
802.11ax(HE20) U-NII-2A middle channel 5280MHz									
245.67	37.01	QP	235	1.4	H	-11.62	25.39	46.00	-20.61
245.67	40.43	QP	247	1.1	V	-11.62	28.81	46.00	-17.19
4515.06	44.01	PK	203	1.8	H	-1.94	42.07	74.00	-31.93
4515.06	38.71	Ave	203	1.8	H	-1.94	36.77	54.00	-17.23
5136.78	48.54	PK	188	1.3	H	-1.06	47.48	74.00	-26.52
5136.78	41.55	Ave	188	1.3	H	-1.06	40.49	54.00	-13.51
10560.00	34.53	PK	70	2.0	H	5.21	39.74	74.00	-34.26
10560.00	37.87	Ave	70	2.0	H	5.21	43.08	54.00	-10.92
802.11ax(HE20) U-NII-2A High channel 5320MHz									
245.67	38.86	QP	152	2.0	H	-11.62	27.24	46.00	-18.76
245.67	45.82	QP	312	1.4	V	-11.62	34.20	46.00	-11.80
4515.81	39.48	PK	4	1.6	H	-2.24	37.24	74.00	-36.76
4515.81	35.64	Ave	4	1.6	H	-2.24	33.40	54.00	-20.60
5147.52	47.79	PK	178	1.3	H	-1.09	46.70	74.00	-27.30
5147.52	38.70	Ave	178	1.3	H	-1.09	37.61	54.00	-16.39
10640.00	34.96	PK	140	1.8	H	5.14	40.10	74.00	-33.90
10640.00	38.74	Ave	140	1.8	H	5.14	43.88	54.00	-10.12

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)
802.11ax(HE20) U-NII-2C Low Channel 5500MHz									
245.67	37.40	QP	322	2.0	H	-11.62	25.78	46.00	-20.22
245.67	44.94	QP	346	1.9	V	-11.62	33.32	46.00	-12.68
4514.54	33.91	PK	239	1.6	H	-2.03	31.88	74.00	-42.12
4514.54	38.30	Ave	239	1.6	H	-2.03	36.27	54.00	-17.73
5130.01	46.84	PK	255	2.0	H	-1.02	45.82	74.00	-28.18
5130.01	38.30	Ave	255	2.0	H	-1.02	37.28	54.00	-16.72
11000.00	38.72	PK	49	1.7	H	5.33	44.05	74.00	-29.95
11000.00	38.22	Ave	49	1.7	H	5.33	43.55	54.00	-10.45
802.11ax(HE20) U-NII-2C Middle channel 5600MHz									
245.67	32.60	QP	15	1.9	H	-11.62	20.98	46.00	-25.02
245.67	44.29	QP	131	1.3	V	-11.62	32.67	46.00	-13.33
4502.83	34.54	PK	26	1.4	H	-1.94	32.60	74.00	-41.40
4502.83	44.34	Ave	26	1.4	H	-1.94	42.40	54.00	-11.60
5111.42	47.40	PK	65	1.8	H	-1.06	46.34	74.00	-27.66
5111.42	39.12	Ave	65	1.8	H	-1.06	38.06	54.00	-15.94
11200.00	33.14	PK	268	1.7	H	5.21	38.35	74.00	-35.65
11200.00	30.86	Ave	268	1.7	H	5.21	36.07	54.00	-17.93

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)
802.11ax(HE20) U-NII-2C High channel 5700MHz									
245.67	33.11	QP	159	1.7	H	-11.62	21.49	46.00	-24.51
245.67	44.98	QP	232	1.4	V	-11.62	33.36	46.00	-12.64
4526.87	34.92	PK	202	1.7	H	-2.24	32.68	74.00	-41.32
4526.87	43.12	Ave	202	1.7	H	-2.24	40.88	54.00	-13.12
5126.86	46.57	PK	286	1.0	H	-1.09	45.48	74.00	-28.52
5126.86	40.80	Ave	286	1.0	H	-1.09	39.71	54.00	-14.29
11400.00	33.04	PK	332	1.5	H	5.14	38.18	74.00	-35.82
11400.00	32.95	Ave	332	1.5	H	5.14	38.09	54.00	-15.91
802.11ax(HE20) U-NII-3 Low Channel 5745MHz									
245.67	26.32	QP	133	1.3	H	-11.62	14.70	46.00	-31.30
245.67	42.84	QP	353	1.5	V	-11.62	31.22	46.00	-14.78
4508.38	43.53	PK	290	1.9	H	-1.92	41.61	74.00	-32.39
4508.38	37.24	Ave	290	1.9	H	-1.92	35.32	54.00	-18.68
5377.35	38.50	PK	296	1.7	H	5.93	44.43	74.00	-29.57
5377.35	34.98	Ave	296	1.7	H	5.93	40.91	54.00	-13.09
11490.00	45.31	PK	203	1.2	H	-1.03	44.28	74.00	-29.72
11490.00	39.32	Ave	203	1.2	H	-1.03	38.29	54.00	-15.71

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)
802.11ax(HE20) U-NII-3 middle channel 5785MHz									
245.67	25.48	QP	190	1.2	H	-11.62	13.86	46.00	-32.14
245.67	43.72	QP	8	1.0	V	-11.62	32.10	46.00	-13.90
4513.47	42.96	PK	222	1.7	H	-1.97	40.99	74.00	-33.01
4513.47	37.59	Ave	222	1.7	H	-1.97	35.62	54.00	-18.38
5373.13	40.52	PK	47	1.5	H	5.81	46.33	74.00	-27.67
5373.13	37.59	Ave	47	1.5	H	5.81	43.40	54.00	-10.60
11570.00	46.17	PK	158	1.2	H	-1.05	45.12	74.00	-28.88
11570.00	38.32	Ave	158	1.2	H	-1.05	37.27	54.00	-16.73
802.11ax(HE20) U-NII-3 High channel 5825MHz									
245.67	25.79	QP	42	1.5	H	-11.62	14.17	46.00	-31.83
245.67	43.77	QP	54	1.5	V	-11.62	32.15	46.00	-13.85
4500.04	43.44	PK	348	1.6	H	-1.88	41.56	74.00	-32.44
4500.04	37.01	Ave	348	1.6	H	-1.88	35.13	54.00	-18.87
5351.93	42.01	PK	210	1.5	H	5.84	47.85	74.00	-26.15
5351.93	37.88	Ave	210	1.5	H	5.84	43.72	54.00	-10.28
11650.00	46.88	PK	271	1.5	H	-1.06	45.82	74.00	-28.18
11650.00	37.14	Ave	271	1.5	H	-1.06	36.08	54.00	-17.92

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									
245.67	24.99	QP	54	1.7	H	-11.62	13.37	46.00	-32.63
245.67	44.12	QP	31	1.8	V	-11.62	32.50	46.00	-13.50
4501.53	41.40	PK	199	1.9	H	-1.89	39.51	74.00	-34.49
4501.53	35.31	Ave	199	1.9	H	-1.89	33.42	54.00	-20.58
5131.02	46.61	PK	258	1.6	H	-1.06	45.55	74.00	-28.45
5131.02	39.48	Ave	258	1.6	H	-1.06	38.42	54.00	-15.58
10380.00	40.39	PK	210	1.7	H	5.26	45.65	74.00	-28.35
10380.00	35.34	Ave	210	1.7	H	5.26	40.60	54.00	-13.40
802.11n(HT40) U-NII-1 High channel 5230MHz									
245.67	24.14	QP	52	1.0	H	-11.62	12.52	46.00	-33.48
245.67	44.91	QP	34	1.9	V	-11.62	33.29	46.00	-12.71
4530.42	40.71	PK	61	1.1	H	-1.94	38.77	74.00	-35.23
4530.42	35.94	Ave	61	1.1	H	-1.94	34.00	54.00	-20.00
5138.12	46.85	PK	299	1.0	H	-1.06	45.79	74.00	-28.21
5138.12	38.90	Ave	299	1.0	H	-1.06	37.84	54.00	-16.16
10460.00	41.13	PK	98	1.0	H	5.28	46.41	74.00	-27.59
10460.00	37.68	Ave	98	1.0	H	5.28	42.96	54.00	-11.04

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)
802.11n(HT40) U-NII-2A Low Channel 5270MHz									
245.67	23.88	QP	178	1.5	H	-11.62	12.26	46.00	-33.74
245.67	45.43	QP	163	2.0	V	-11.62	33.81	46.00	-12.19
4520.38	41.21	PK	294	1.3	H	-1.89	39.32	74.00	-34.68
4520.38	37.69	Ave	294	1.3	H	-1.89	35.80	54.00	-18.20
5113.05	47.46	PK	151	1.7	H	-1.06	46.40	74.00	-27.60
5113.05	40.30	Ave	151	1.7	H	-1.06	39.24	54.00	-14.76
10540.00	45.28	PK	301	1.7	H	5.26	50.54	74.00	-23.46
10540.00	36.35	Ave	301	1.7	H	5.26	41.61	54.00	-12.39
802.11n(HT40) U-NII-2A High channel 5310MHz									
245.67	23.23	QP	51	1.1	H	-11.62	11.61	46.00	-34.39
245.67	44.50	QP	71	1.9	V	-11.62	32.88	46.00	-13.12
4531.92	41.19	PK	244	1.6	H	-1.94	39.25	74.00	-34.75
4531.92	37.30	Ave	244	1.6	H	-1.94	35.36	54.00	-18.64
5143.84	46.96	PK	331	1.4	H	-1.06	45.90	74.00	-28.10
5143.84	41.34	Ave	331	1.4	H	-1.06	40.28	54.00	-13.72
10620.00	41.93	PK	151	1.5	H	5.28	47.21	74.00	-26.79
10620.00	36.50	Ave	151	1.5	H	5.28	41.78	54.00	-12.22

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									
245.67	23.55	QP	59	1.9	H	-11.62	11.93	46.00	-34.07
245.67	44.92	QP	151	1.5	V	-11.62	33.30	46.00	-12.70
4539.37	42.90	PK	329	1.7	H	-1.89	41.01	74.00	-32.99
4539.37	35.59	Ave	329	1.7	H	-1.89	33.70	54.00	-20.30
5116.66	46.50	PK	82	1.2	H	-1.06	45.44	74.00	-28.56
5116.66	38.42	Ave	82	1.2	H	-1.06	37.36	54.00	-16.64
11020.00	42.69	PK	187	2.0	H	5.26	47.95	74.00	-26.05
11020.00	36.62	Ave	187	2.0	H	5.26	41.88	54.00	-12.12
802.11n(HT40) U-NII-2C Middle channel 5550MHz									
245.67	24.10	QP	123	1.3	H	-11.62	12.48	46.00	-33.52
245.67	45.77	QP	239	1.7	V	-11.62	34.15	46.00	-11.85
4519.81	43.65	PK	185	1.8	H	-1.94	41.71	74.00	-32.29
4519.81	36.11	Ave	185	1.8	H	-1.94	34.17	54.00	-19.83
5144.00	48.03	PK	195	1.9	H	-1.06	46.97	74.00	-27.03
5144.00	37.78	Ave	195	1.9	H	-1.06	36.72	54.00	-17.28
11100.00	45.72	PK	255	1.4	H	5.28	51.00	74.00	-23.00
11100.00	38.08	Ave	255	1.4	H	5.28	43.36	54.00	-10.64
802.11n(HT40) U-NII-2C High channel 5670MHz									
245.67	23.11	QP	287	1.9	H	-11.62	11.49	46.00	-34.51
245.67	45.89	QP	270	1.5	V	-11.62	34.27	46.00	-11.73
4525.62	44.47	PK	340	1.8	H	-1.94	42.53	74.00	-31.47
4525.62	35.93	Ave	340	1.8	H	-1.94	33.99	54.00	-20.01
5131.61	48.97	PK	331	1.9	H	-1.06	47.91	74.00	-26.09
5131.61	36.84	Ave	331	1.9	H	-1.06	35.78	54.00	-18.22
11340.00	41.50	PK	139	1.1	H	5.28	46.78	74.00	-27.22
11340.00	34.61	Ave	139	1.1	H	5.28	39.89	54.00	-14.11

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									
245.67	22.99	QP	175	1.1	H	-11.62	11.37	46.00	-34.63
245.67	45.05	QP	308	1.7	V	-11.62	33.43	46.00	-12.57
4508.00	37.83	PK	195	1.3	H	-1.96	35.87	74.00	-38.13
4508.00	33.71	Ave	195	1.3	H	-1.96	31.75	54.00	-22.25
5369.88	38.62	PK	118	1.2	H	5.88	44.50	74.00	-29.50
5369.88	34.16	Ave	118	1.2	H	5.88	40.04	54.00	-13.96
11510.00	45.48	PK	50	1.7	H	-1.01	44.47	74.00	-29.53
11510.00	37.68	Ave	50	1.7	H	-1.01	36.67	54.00	-17.33
802.11n(HT40) U-NII-3 High Channel 5795MHz									
245.67	22.30	QP	68	1.9	H	-11.62	10.68	46.00	-35.32
245.67	45.55	QP	11	1.3	V	-11.62	33.93	46.00	-12.07
4537.24	38.72	PK	121	1.7	H	-1.92	36.80	74.00	-37.20
4537.24	33.13	Ave	121	1.7	H	-1.92	31.21	54.00	-22.79
5354.33	42.40	PK	27	1.4	H	5.63	48.03	74.00	-25.97
5354.33	37.82	Ave	27	1.4	H	5.63	43.45	54.00	-10.55
11590.00	45.67	PK	74	1.4	H	-1.04	44.63	74.00	-29.37
11590.00	38.43	Ave	74	1.4	H	-1.04	37.39	54.00	-16.61

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									
245.67	22.45	QP	233	1.6	H	-11.62	10.83	46.00	-35.17
245.67	45.40	QP	9	1.1	V	-11.62	33.78	46.00	-12.22
4513.76	36.28	PK	202	1.4	H	-1.91	34.37	74.00	-39.63
4513.76	31.63	Ave	202	1.4	H	-1.91	29.72	54.00	-24.28
5142.95	47.03	PK	202	1.9	H	-1.06	45.97	74.00	-28.03
5142.95	38.36	Ave	202	1.9	H	-1.06	37.30	54.00	-16.70
10380.00	38.65	PK	327	2.0	H	5.26	43.91	74.00	-30.09
10380.00	34.89	Ave	327	2.0	H	5.26	40.15	54.00	-13.85
802.11ac(VHT40) U-NII-1 High channel 5230MHz									
245.67	22.84	QP	280	1.1	H	-11.62	11.22	46.00	-34.78
245.67	44.63	QP	271	1.3	V	-11.62	33.01	46.00	-12.99
4518.85	36.87	PK	141	1.2	H	-1.93	34.94	74.00	-39.06
4518.85	32.26	Ave	141	1.2	H	-1.93	30.33	54.00	-23.67
5130.30	47.62	PK	244	1.2	H	-1.06	46.56	74.00	-27.44
5130.30	39.21	Ave	244	1.2	H	-1.06	38.15	54.00	-15.85
10460.00	41.46	PK	240	1.6	H	5.28	46.74	74.00	-27.26
10460.00	37.27	Ave	240	1.6	H	5.28	42.55	54.00	-11.45

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									
245.67	23.30	QP	156	1.6	H	-11.62	11.68	46.00	-34.32
245.67	38.41	QP	28	1.7	V	-11.62	26.79	46.00	-19.21
4500.56	41.07	PK	113	1.4	H	-1.89	39.18	74.00	-34.82
4500.56	37.55	Ave	113	1.4	H	-1.89	35.66	54.00	-18.34
5128.01	46.92	PK	200	1.3	H	-1.06	45.86	74.00	-28.14
5128.01	40.08	Ave	200	1.3	H	-1.06	39.02	54.00	-14.98
10540.00	43.66	PK	327	1.3	H	5.26	48.92	74.00	-25.08
10540.00	34.53	Ave	327	1.3	H	5.26	39.79	54.00	-14.21
802.11ac(VHT40) U-NII-2A High channel 5310MHz									
245.67	23.49	QP	275	1.9	H	-11.62	11.87	46.00	-34.13
245.67	37.84	QP	186	1.1	V	-11.62	26.22	46.00	-19.78
4513.40	41.40	PK	342	1.3	H	-1.94	39.46	74.00	-34.54
4513.40	37.43	Ave	342	1.3	H	-1.94	35.49	54.00	-18.51
5142.65	46.24	PK	169	1.8	H	-1.06	45.18	74.00	-28.82
5142.65	39.29	Ave	169	1.8	H	-1.06	38.23	54.00	-15.77
10620.00	42.68	PK	180	1.7	H	5.28	47.96	74.00	-26.04
10620.00	36.55	Ave	180	1.7	H	5.28	41.83	54.00	-12.17

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(VHT40) U-NII-2C Low Channel 5510MHz									
245.67	23.19	QP	254	1.7	H	-11.62	11.57	46.00	-34.43
245.67	38.40	QP	265	1.8	V	-11.62	26.78	46.00	-19.22
4506.70	43.31	PK	66	1.9	H	-1.89	41.42	74.00	-32.58
4506.70	36.83	Ave	66	1.9	H	-1.89	34.94	54.00	-19.06
5140.07	45.29	PK	306	1.3	H	-1.06	44.23	74.00	-29.77
5140.07	37.44	Ave	306	1.3	H	-1.06	36.38	54.00	-17.62
11020.00	42.19	PK	39	1.7	H	5.26	47.45	74.00	-26.55
11020.00	37.42	Ave	39	1.7	H	5.26	42.68	54.00	-11.32
802.11ac(VHT40) U-NII-2C Middle channel 5550MHz									
245.67	23.80	QP	203	1.8	H	-11.62	12.18	46.00	-33.82
245.67	38.63	QP	267	1.3	V	-11.62	27.01	46.00	-18.99
4518.31	43.74	PK	277	1.1	H	-1.94	41.80	74.00	-32.20
4518.31	37.73	Ave	277	1.1	H	-1.94	35.79	54.00	-18.21
5115.93	44.95	PK	101	1.0	H	-1.06	43.89	74.00	-30.11
5115.93	38.61	Ave	101	1.0	H	-1.06	37.55	54.00	-16.45
11100.00	43.75	PK	149	1.7	H	5.28	49.03	74.00	-24.97
11100.00	38.18	Ave	149	1.7	H	5.28	43.46	54.00	-10.54
802.11ac(VHT40) U-NII-2C High channel 5670MHz									
245.67	23.96	QP	251	1.0	H	-11.62	12.34	46.00	-33.66
245.67	38.14	QP	242	1.9	V	-11.62	26.52	46.00	-19.48
4529.69	43.78	PK	182	1.5	H	-1.94	41.84	74.00	-32.16
4529.69	37.08	Ave	182	1.5	H	-1.94	35.14	54.00	-18.86
5127.08	45.84	PK	32	1.4	H	-1.06	44.78	74.00	-29.22
5127.08	40.08	Ave	32	1.4	H	-1.06	39.02	54.00	-14.98
11340.00	43.40	PK	324	1.6	H	5.28	48.68	74.00	-25.32
11340.00	36.28	Ave	324	1.6	H	5.28	41.56	54.00	-12.44

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-3 Low Channel 5755MHz									
245.67	21.64	QP	38	1.5	H	-11.62	10.02	46.00	-35.98
245.67	45.70	QP	255	2.0	V	-11.62	34.08	46.00	-11.92
4516.69	35.05	PK	286	1.5	H	-1.92	33.13	74.00	-40.87
4516.69	30.98	Ave	286	1.5	H	-1.92	29.06	54.00	-24.94
5368.95	40.09	PK	128	1.3	H	5.88	45.97	74.00	-28.03
5368.95	34.87	Ave	128	1.3	H	5.88	40.75	54.00	-13.25
11510.00	46.08	PK	61	1.4	H	-1.07	45.01	74.00	-28.99
11510.00	38.81	Ave	61	1.4	H	-1.07	37.74	54.00	-16.26
802.11ac(VHT40) U-NII-3 High Channel 5795MHz									
245.67	21.41	QP	205	1.7	H	-11.62	9.79	46.00	-36.21
245.67	46.44	QP	258	1.0	V	-11.62	34.82	46.00	-11.18
4539.79	35.97	PK	145	1.3	H	-1.86	34.11	74.00	-39.89
4539.79	30.51	Ave	145	1.3	H	-1.86	28.65	54.00	-25.35
5377.74	41.21	PK	80	1.7	H	5.63	46.84	74.00	-27.16
5377.74	36.15	Ave	80	1.7	H	5.63	41.78	54.00	-12.22
11590.00	45.01	PK	203	1.6	H	-1.03	43.98	74.00	-30.02
11590.00	39.40	Ave	203	1.6	H	-1.03	38.37	54.00	-15.63

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)
802.11ax(HE40) U-NII-1 Low Channel 5190MHz									
245.67	25.40	QP	211	1.1	H	-11.62	13.78	46.00	-32.22
245.67	40.88	QP	348	1.4	V	-11.62	29.26	46.00	-16.74
4527.04	36.31	PK	153	1.7	H	-1.91	34.40	74.00	-39.60
4527.04	30.71	Ave	153	1.7	H	-1.91	28.80	54.00	-25.20
5149.96	46.11	PK	242	1.1	H	-1.06	45.05	74.00	-28.95
5149.96	38.87	Ave	242	1.1	H	-1.06	37.81	54.00	-16.19
10380.00	40.01	PK	178	1.5	H	5.26	45.27	74.00	-28.73
10380.00	35.85	Ave	178	1.5	H	5.26	41.11	54.00	-12.89
802.11ax(HE40) U-NII-1 High channel 5230MHz									
245.67	25.13	QP	251	1.9	H	-11.62	13.51	46.00	-32.49
245.67	41.39	QP	291	1.8	V	-11.62	29.77	46.00	-16.23
4519.91	35.42	PK	175	1.6	H	-1.93	33.49	74.00	-40.51
4519.91	30.76	Ave	175	1.6	H	-1.93	28.83	54.00	-25.17
5112.02	45.31	PK	220	1.5	H	-1.06	44.25	74.00	-29.75
5112.02	40.13	Ave	220	1.5	H	-1.06	39.07	54.00	-14.93
10460.00	40.78	PK	28	1.4	H	5.28	46.06	74.00	-27.94
10460.00	37.02	Ave	28	1.4	H	5.28	42.30	54.00	-11.70

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)
802.11ax(HE40) U-NII-2A Low Channel 5270MHz									
245.67	24.72	QP	21	1.4	H	-11.62	13.10	46.00	-32.90
245.67	39.15	QP	320	2.0	V	-11.62	27.53	46.00	-18.47
4511.21	40.42	PK	139	2.0	H	-1.89	38.53	74.00	-35.47
4511.21	36.74	Ave	139	2.0	H	-1.89	34.85	54.00	-19.15
5116.80	47.05	PK	86	1.1	H	-1.06	45.99	74.00	-28.01
5116.80	38.02	Ave	86	1.1	H	-1.06	36.96	54.00	-17.04
10540.00	43.97	PK	268	2.0	H	5.26	49.23	74.00	-24.77
10540.00	35.88	Ave	268	2.0	H	5.26	41.14	54.00	-12.86
802.11ax(HE40) U-NII-2A High channel 5310MHz									
245.67	24.96	QP	201	2.0	H	-11.62	13.34	46.00	-32.66
245.67	38.39	QP	181	2.0	V	-11.62	26.77	46.00	-19.23
4514.51	39.65	PK	64	1.0	H	-1.94	37.71	74.00	-36.29
4514.51	36.13	Ave	64	1.0	H	-1.94	34.19	54.00	-19.81
5128.95	49.02	PK	229	1.9	H	-1.06	47.96	74.00	-26.04
5128.95	38.82	Ave	229	1.9	H	-1.06	37.76	54.00	-16.24
10620.00	43.98	PK	304	1.4	H	5.28	49.26	74.00	-24.74
10620.00	36.13	Ave	304	1.4	H	5.28	41.41	54.00	-12.59

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)
802.11ax(HE40) U-NII-2C Low Channel 5510MHz									
245.67	25.73	QP	264	1.5	H	-11.62	14.11	46.00	-31.89
245.67	38.33	QP	100	1.3	V	-11.62	26.71	46.00	-19.29
4535.11	43.81	PK	138	1.3	H	-1.89	41.92	74.00	-32.08
4535.11	36.54	Ave	138	1.3	H	-1.89	34.65	54.00	-19.35
5129.58	46.57	PK	85	1.1	H	-1.06	45.51	74.00	-28.49
5129.58	39.76	Ave	85	1.1	H	-1.06	38.70	54.00	-15.30
11020.00	43.74	PK	125	1.3	H	5.26	49.00	74.00	-25.00
11020.00	36.42	Ave	125	1.3	H	5.26	41.68	54.00	-12.32
802.11ax(HE40) U-NII-2C Middle channel 5550MHz									
245.67	25.60	QP	194	1.5	H	-11.62	13.98	46.00	-32.02
245.67	38.18	QP	336	1.5	V	-11.62	26.56	46.00	-19.44
4538.08	43.57	PK	314	1.1	H	-1.94	41.63	74.00	-32.37
4538.08	37.46	Ave	314	1.1	H	-1.94	35.52	54.00	-18.48
5110.67	47.96	PK	68	1.7	H	-1.06	46.90	74.00	-27.10
5110.67	39.72	Ave	68	1.7	H	-1.06	38.66	54.00	-15.34
11100.00	45.15	PK	334	1.4	H	5.28	50.43	74.00	-23.57
11100.00	36.21	Ave	334	1.4	H	5.28	41.49	54.00	-12.51
802.11ax(HE40) U-NII-2C High channel 5670MHz									
245.67	24.95	QP	351	1.2	H	-11.62	13.33	46.00	-32.67
245.67	38.69	QP	291	1.0	V	-11.62	27.07	46.00	-18.93
4515.85	43.00	PK	73	1.6	H	-1.94	41.06	74.00	-32.94
4515.85	36.73	Ave	73	1.6	H	-1.94	34.79	54.00	-19.21
5110.31	47.33	PK	196	1.0	H	-1.06	46.27	74.00	-27.73
5110.31	41.70	Ave	196	1.0	H	-1.06	40.64	54.00	-13.36
11340.00	45.85	PK	92	1.2	H	5.28	51.13	74.00	-22.87
11340.00	34.90	Ave	92	1.2	H	5.28	40.18	54.00	-13.82

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)
802.11ax(HE40) U-NII-3 Low Channel 5755MHz									
245.67	24.24	QP	188	1.4	H	-11.62	12.62	46.00	-33.38
245.67	41.93	QP	30	1.5	V	-11.62	30.31	46.00	-15.69
4524.29	33.74	PK	88	2.0	H	-1.92	31.82	74.00	-42.18
4524.29	28.34	Ave	88	2.0	H	-1.92	26.42	54.00	-27.58
5350.12	39.60	PK	37	1.4	H	5.88	45.48	74.00	-28.52
5350.12	34.26	Ave	37	1.4	H	5.88	40.14	54.00	-13.86
11510.00	46.77	PK	195	1.7	H	-1.07	45.70	74.00	-28.30
11510.00	39.86	Ave	195	1.7	H	-1.07	38.79	54.00	-15.21
802.11ax(HE40) U-NII-3 High Channel 5795MHz									
245.67	24.61	QP	41	1.3	H	-11.62	12.99	46.00	-33.01
245.67	41.67	QP	70	1.1	V	-11.62	30.05	46.00	-15.95
4539.41	33.82	PK	221	1.8	H	-1.86	31.96	74.00	-42.04
4539.41	28.54	Ave	221	1.8	H	-1.86	26.68	54.00	-27.32
5374.06	41.47	PK	132	1.7	H	5.63	47.10	74.00	-26.90
5374.06	37.46	Ave	132	1.7	H	5.63	43.09	54.00	-10.91
11590.00	45.82	PK	349	1.3	H	-1.03	44.79	74.00	-29.21
11590.00	37.48	Ave	349	1.3	H	-1.03	36.45	54.00	-17.55

Test Frequency: 12GHz~40GHz

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

9 Band Edge

Test Requirement:	FCC 47CFR Part 15 Section 15.407
Test Method:	ANSI C63.10-2020+A1-2024
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

9.1 Test Produce

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.

2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.

3. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.

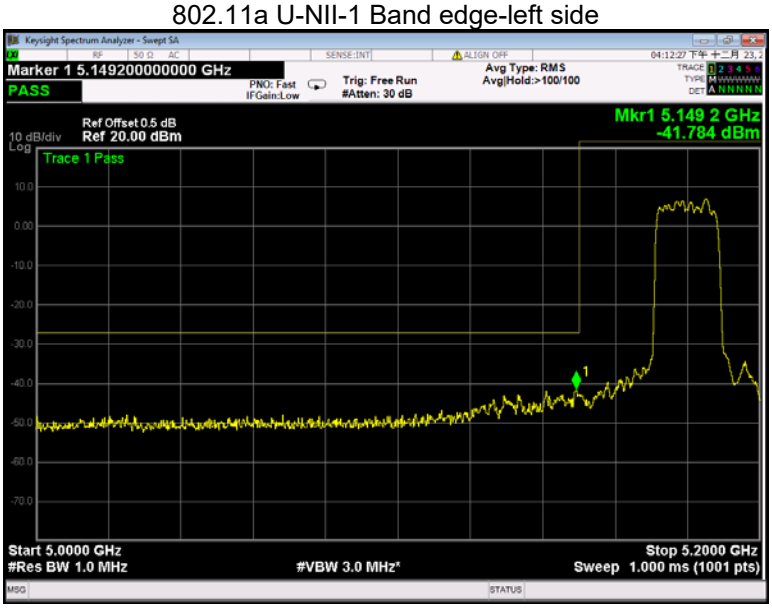
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

5. Repeat above procedures until all measured frequencies were complete.

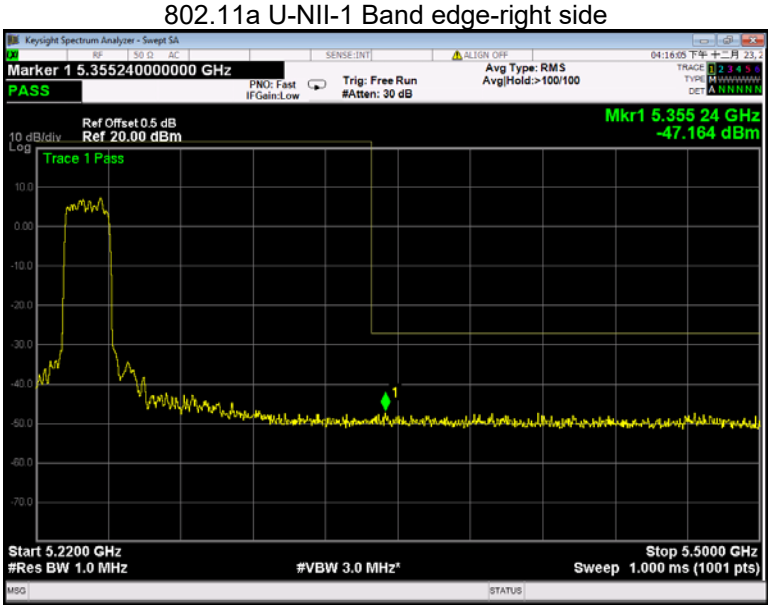
9.2 Test Result

Test result plots shown as follows:

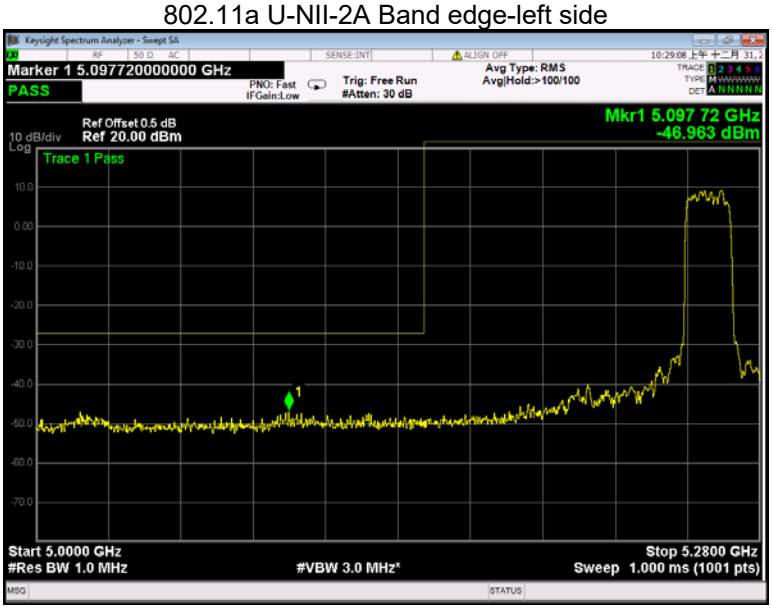
802.11a U-NII-1 Band edge-left side



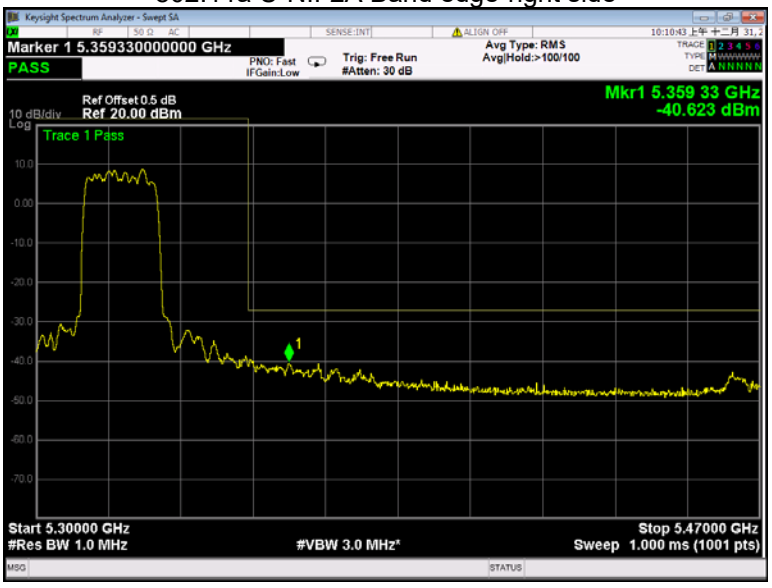
802.11a U-NII-1 Band edge-right side



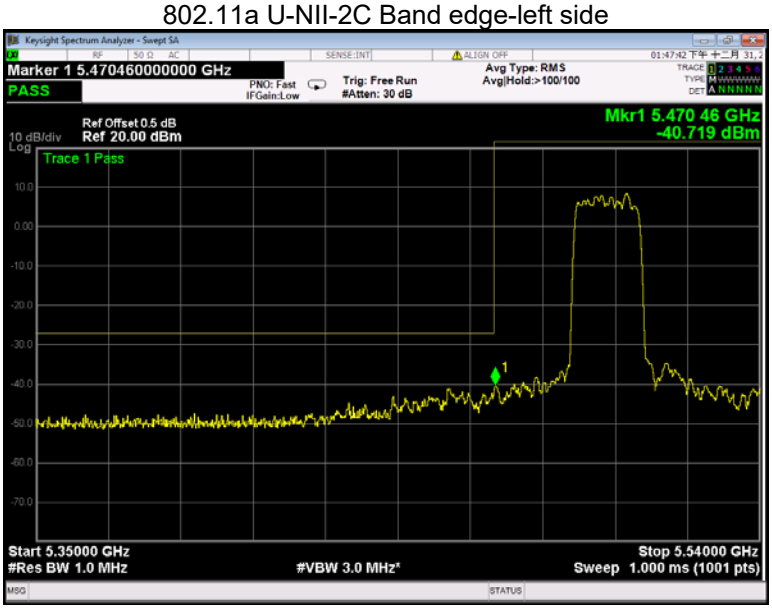
802.11a U-NII-2A Band edge-left side



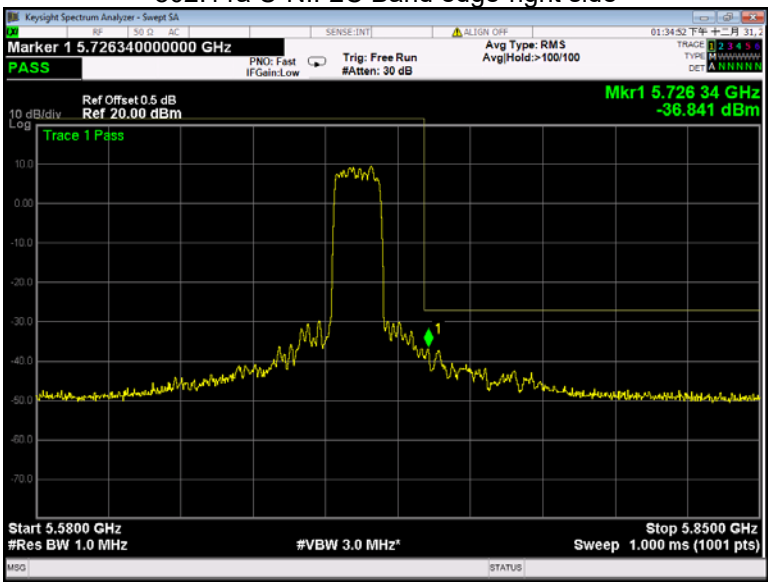
802.11a U-NII-2A Band edge-right side



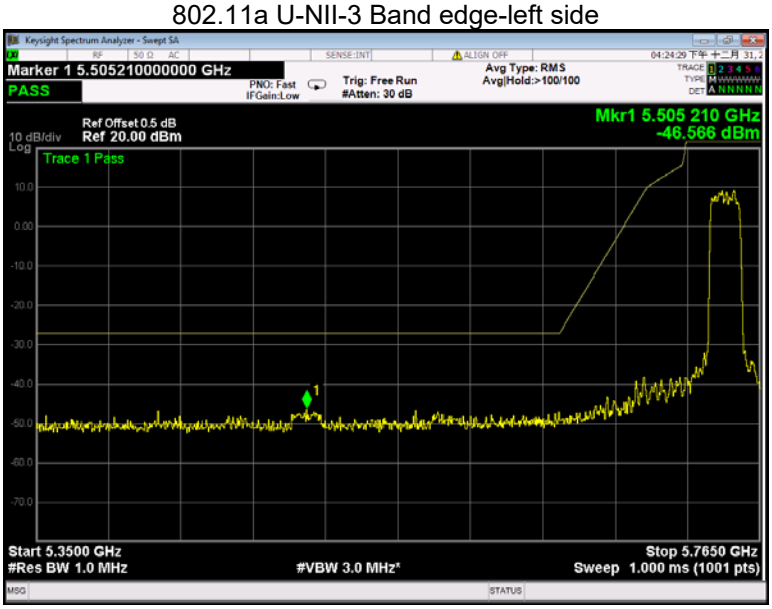
802.11a U-NII-2C Band edge-left side



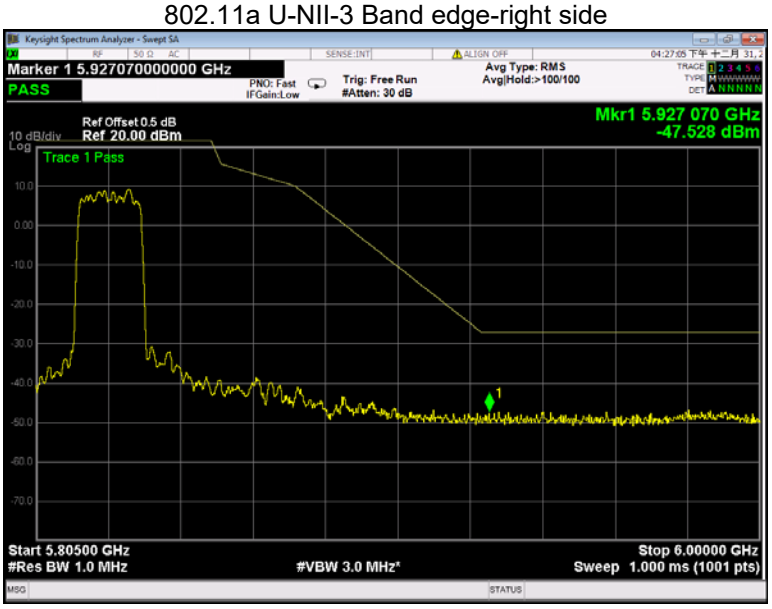
802.11a U-NII-2C Band edge-right side



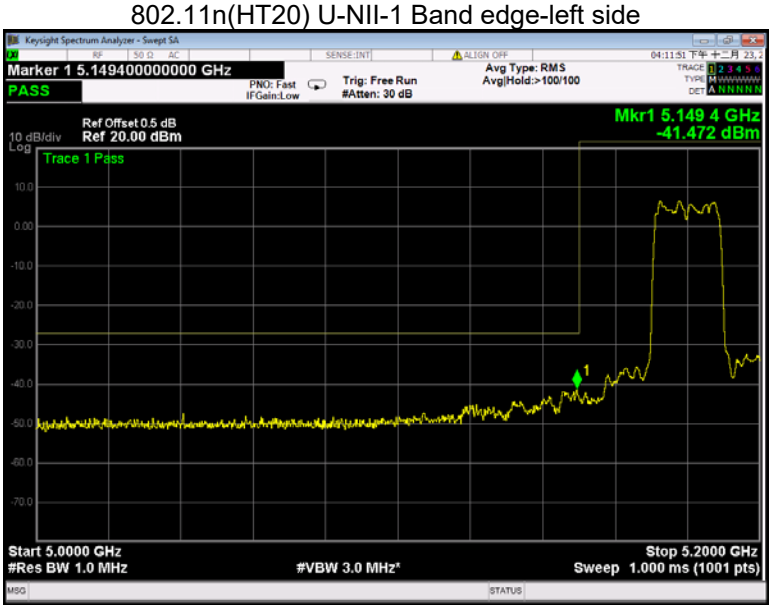
802.11a U-NII-3 Band edge-left side



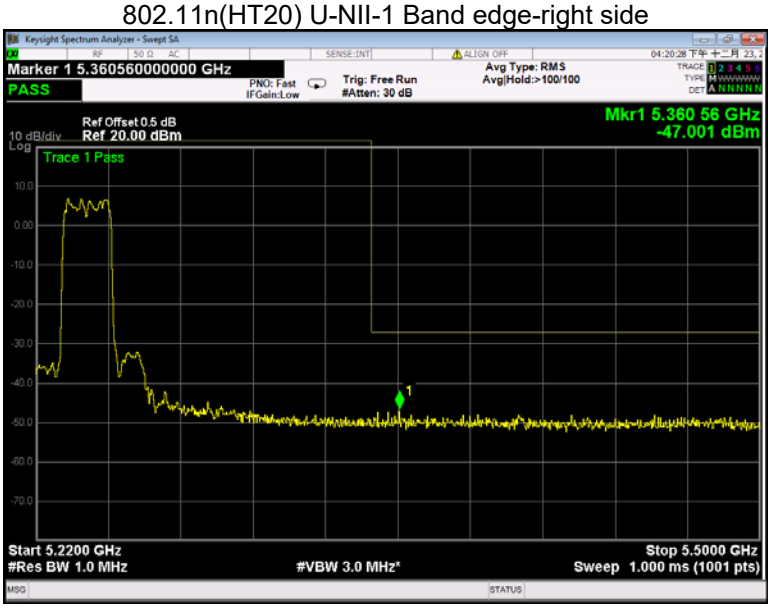
802.11a U-NII-3 Band edge-right side



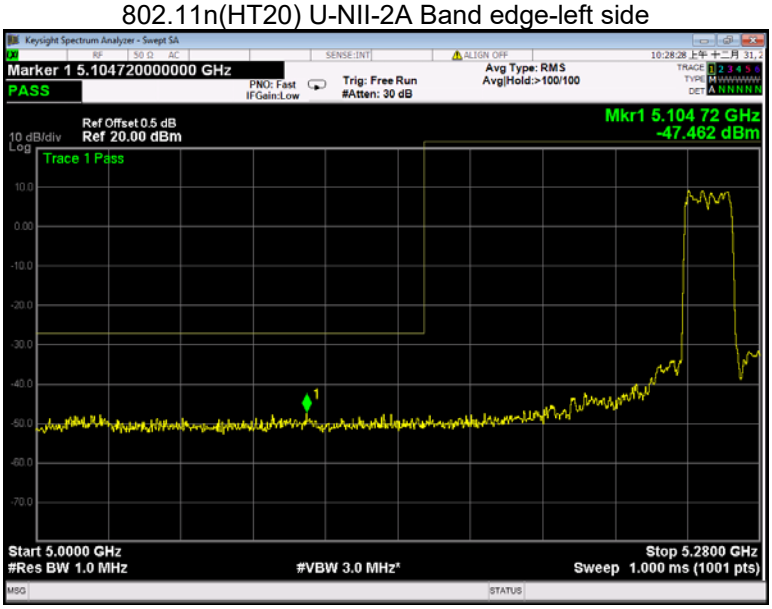
802.11n(HT20) U-NII-1 Band edge-left side



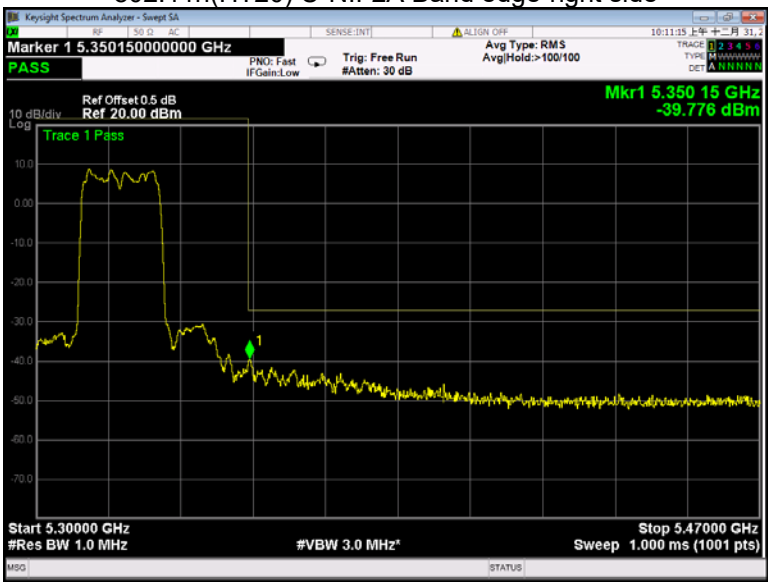
802.11n(HT20) U-NII-1 Band edge-right side



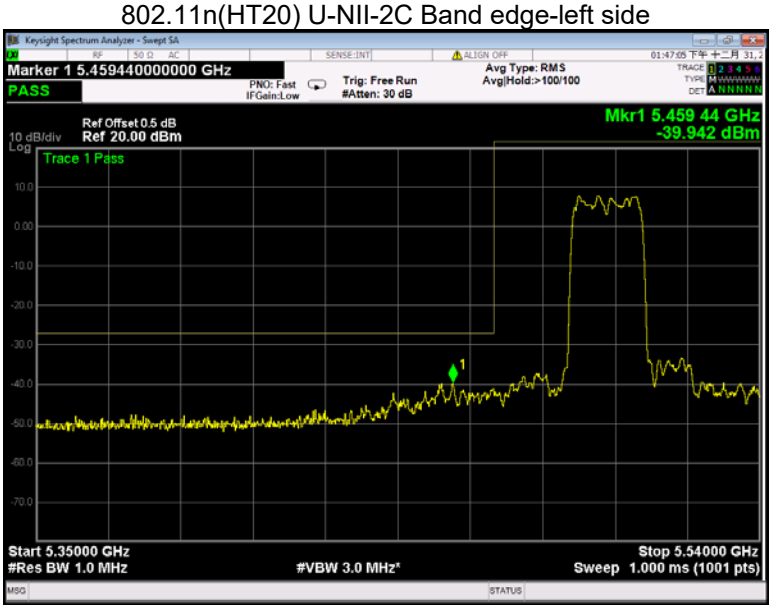
802.11n(HT20) U-NII-2A Band edge-left side



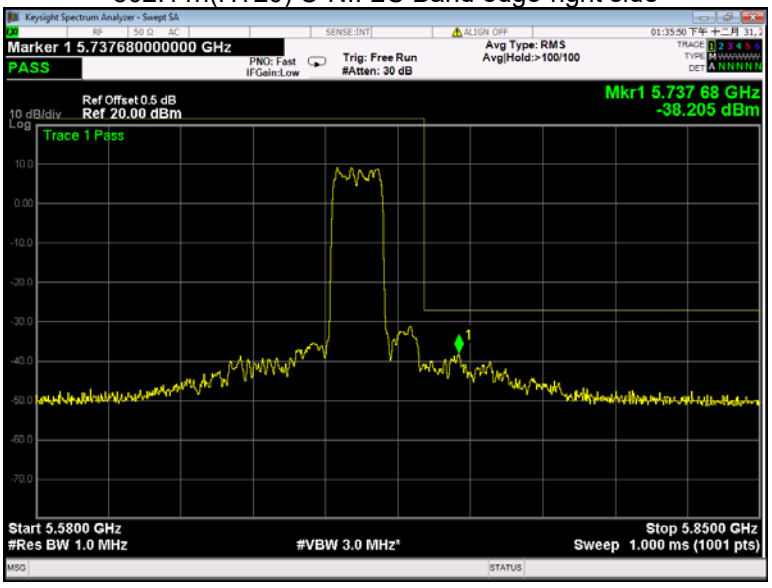
802.11n(HT20) U-NII-2A Band edge-right side



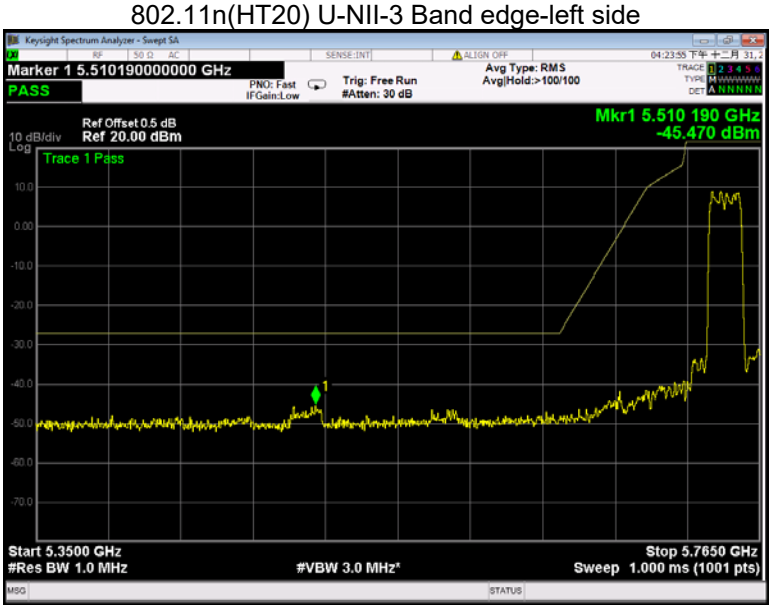
802.11n(HT20) U-NII-2C Band edge-left side



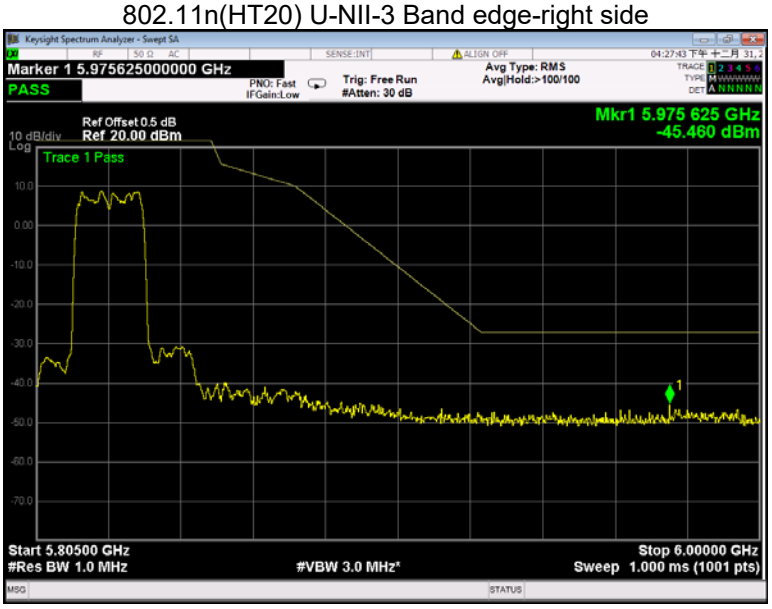
802.11n(HT20) U-NII-2C Band edge-right side



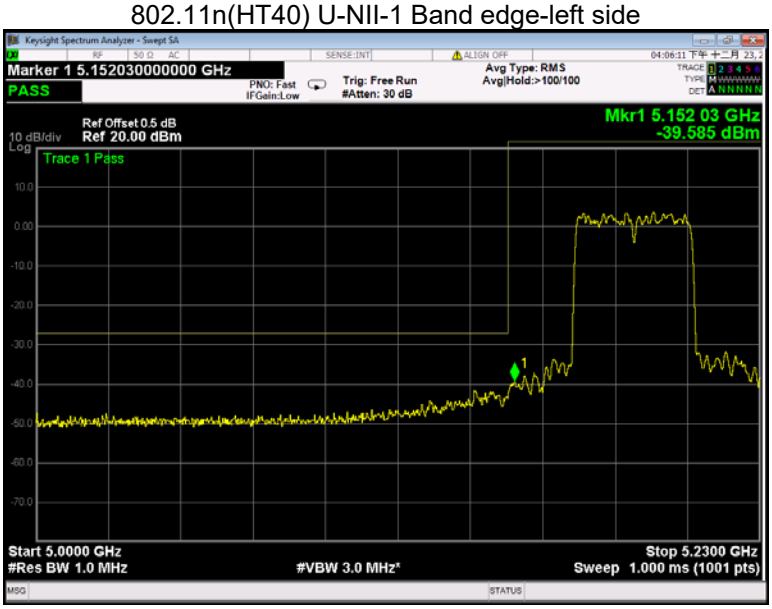
802.11n(HT20) U-NII-3 Band edge-left side



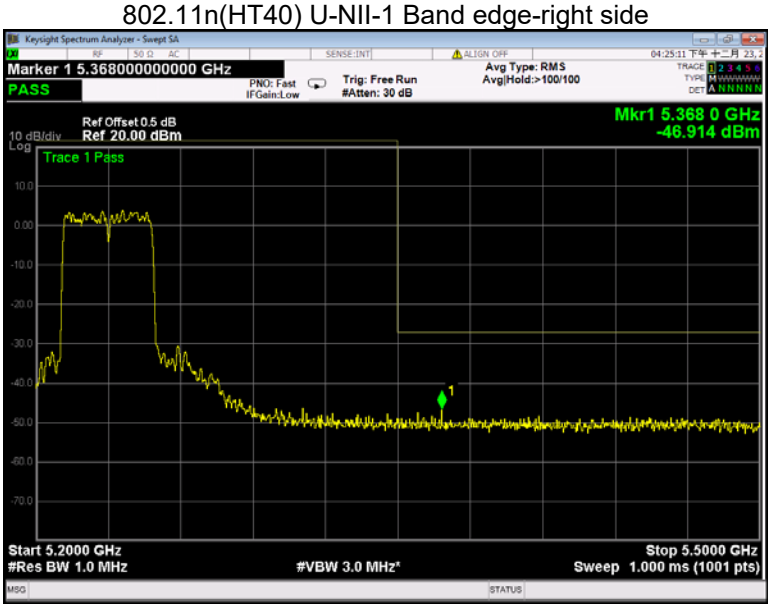
802.11n(HT20) U-NII-3 Band edge-right side



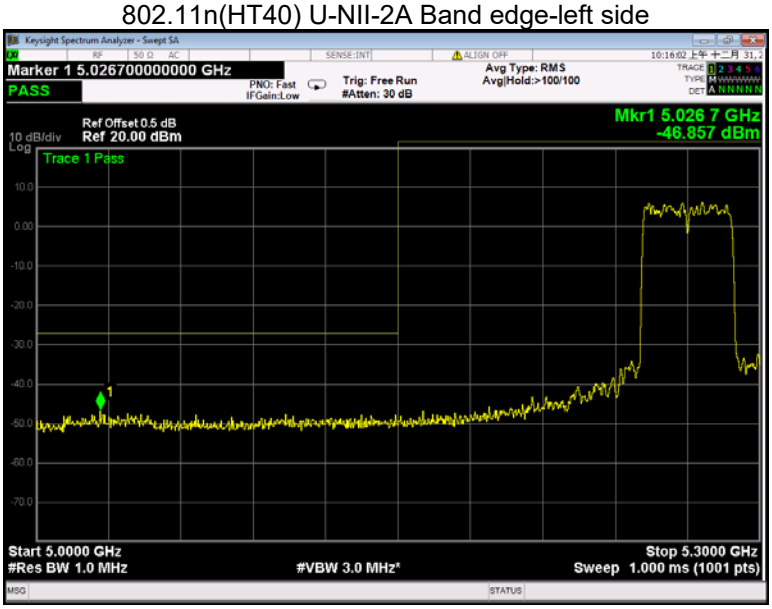
802.11n(HT40) U-NII-1 Band edge-left side



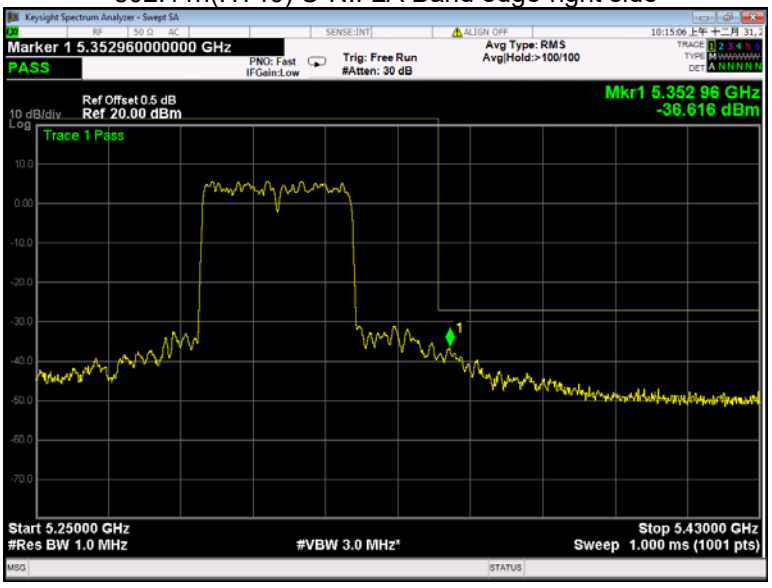
802.11n(HT40) U-NII-1 Band edge-right side



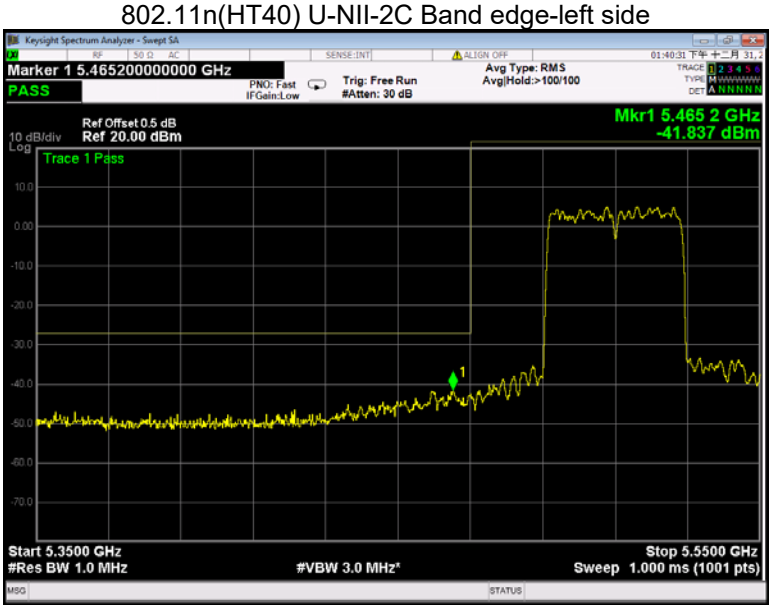
802.11n(HT40) U-NII-2A Band edge-left side



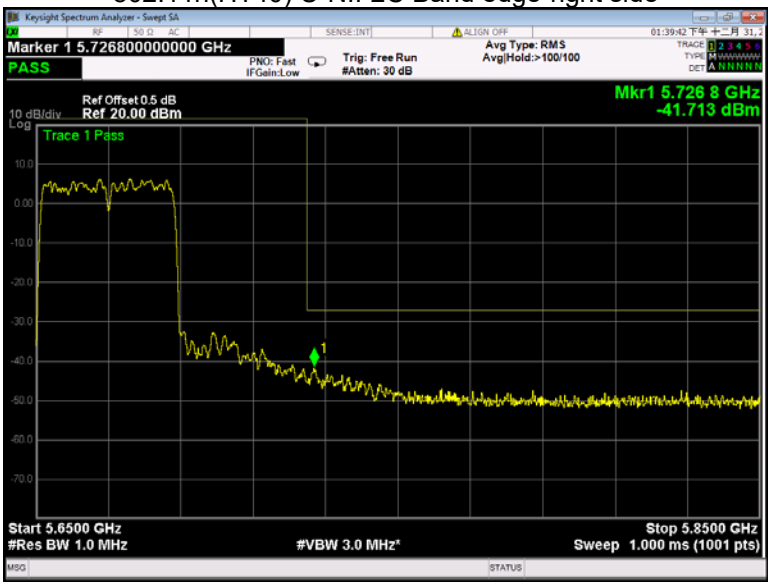
802.11n(HT40) U-NII-2A Band edge-right side



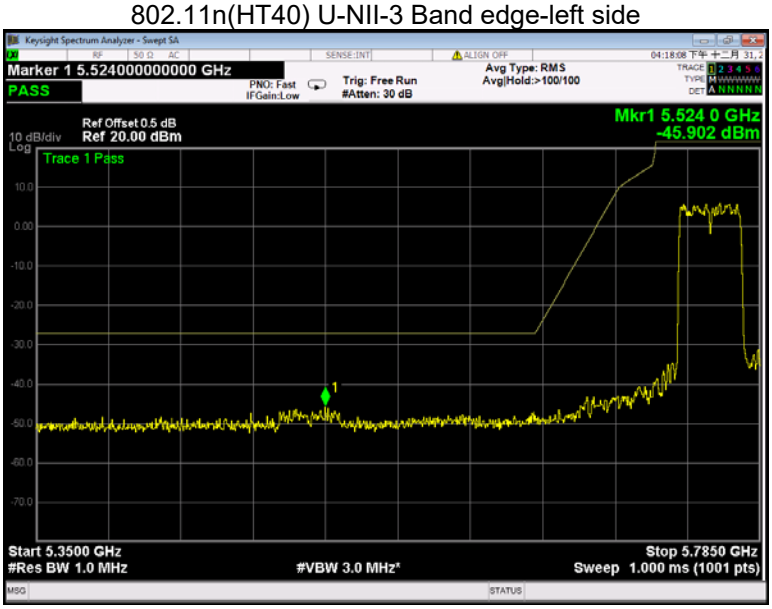
802.11n(HT40) U-NII-2C Band edge-left side



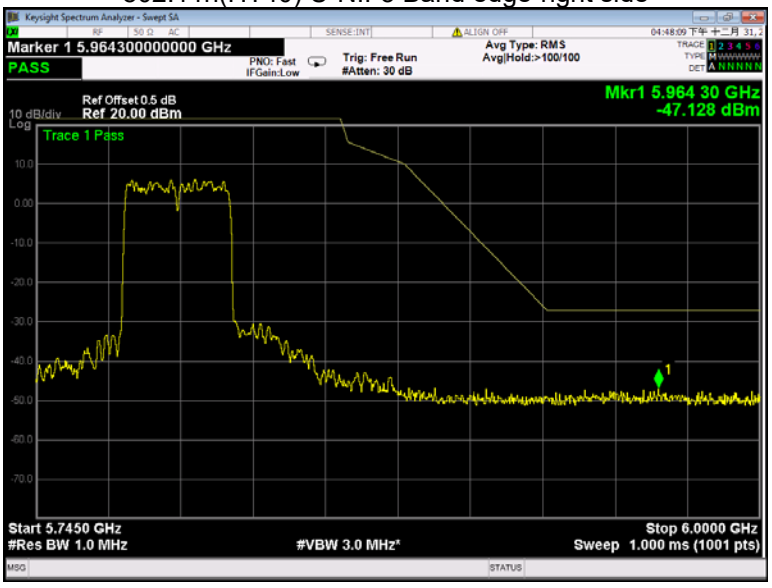
802.11n(HT40) U-NII-2C Band edge-right side



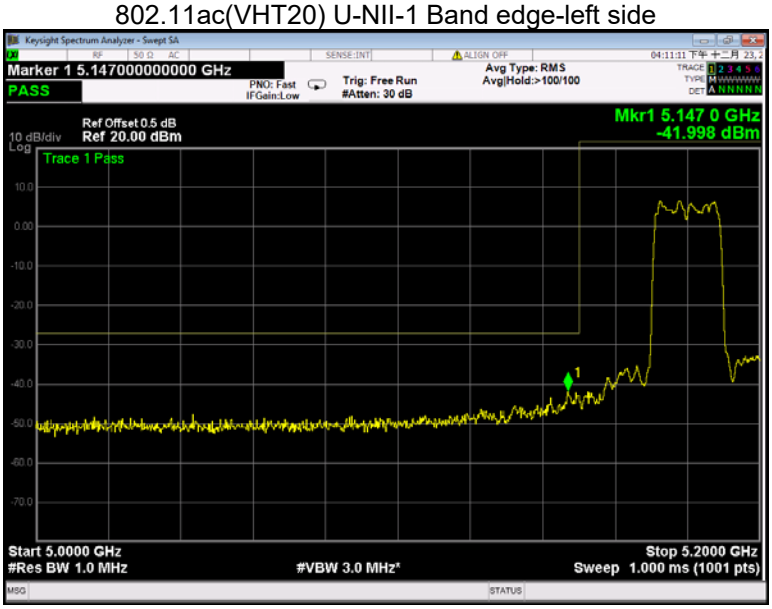
802.11n(HT40) U-NII-3 Band edge-left side



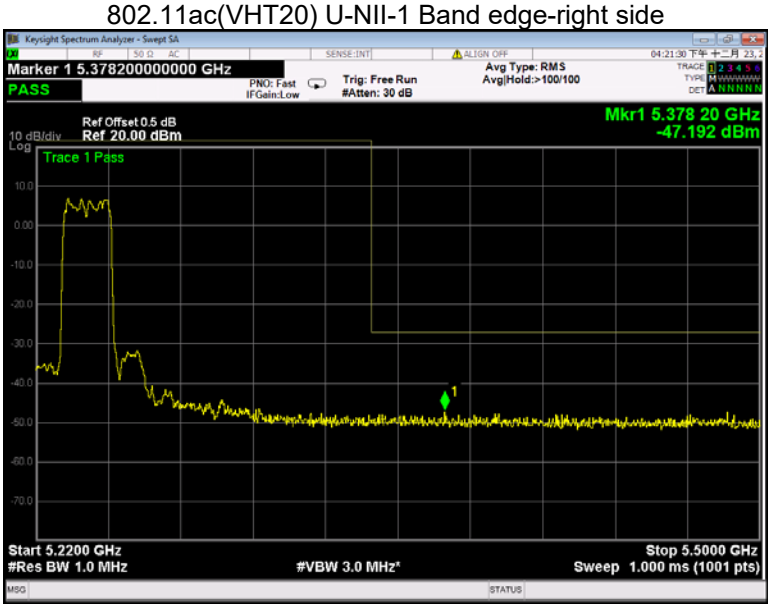
802.11n(HT40) U-NII-3 Band edge-right side



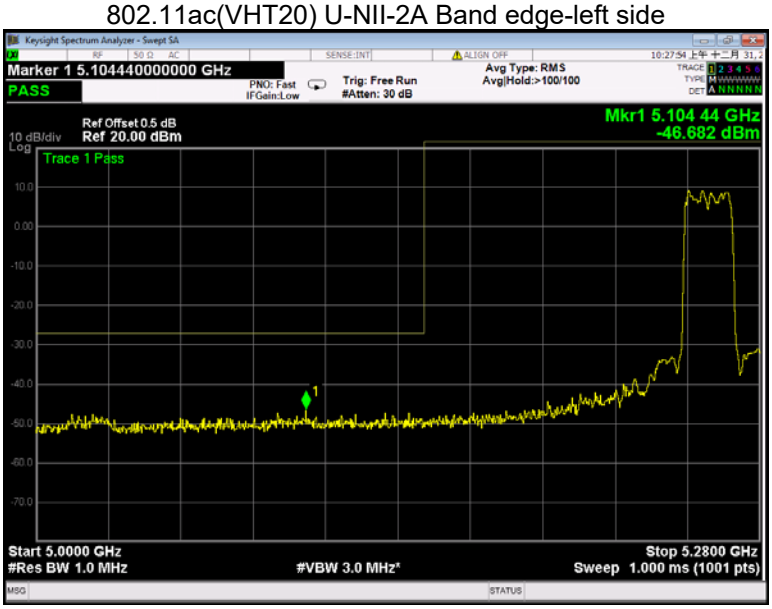
802.11ac(VHT20) U-NII-1 Band edge-left side



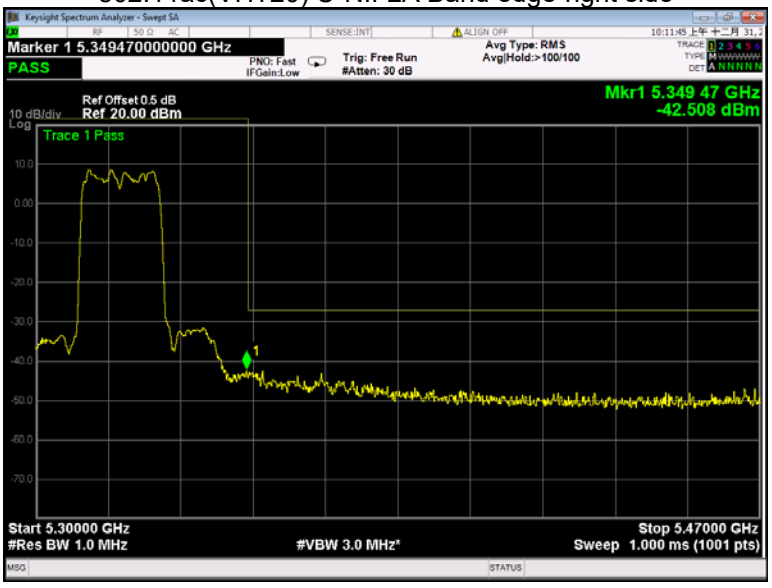
802.11ac(VHT20) U-NII-1 Band edge-right side



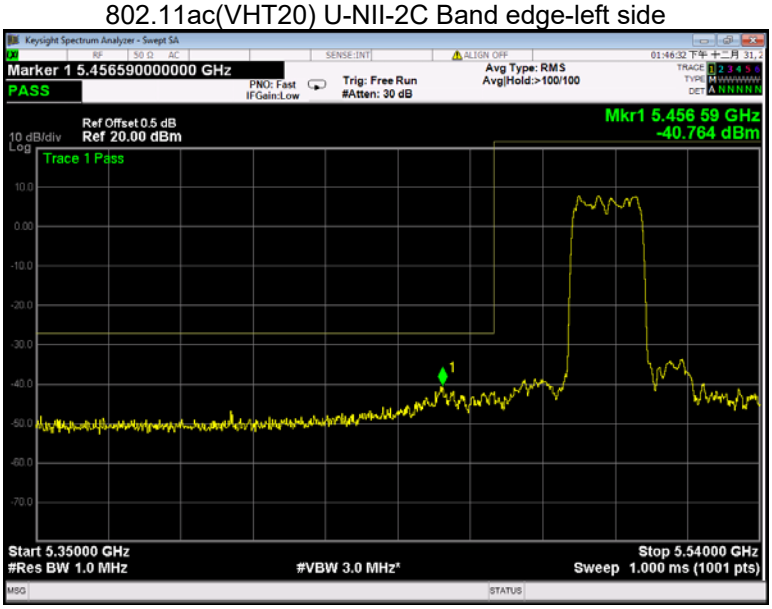
802.11ac(VHT20) U-NII-2A Band edge-left side



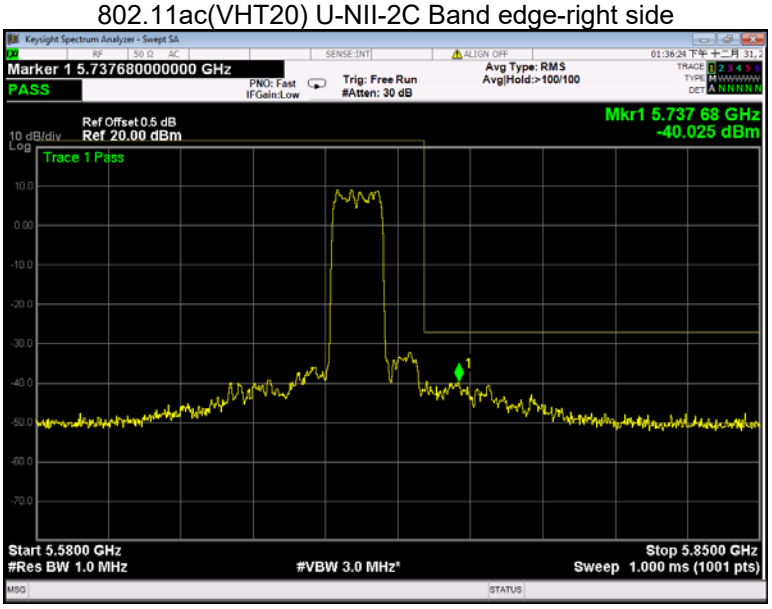
802.11ac(VHT20) U-NII-2A Band edge-right side



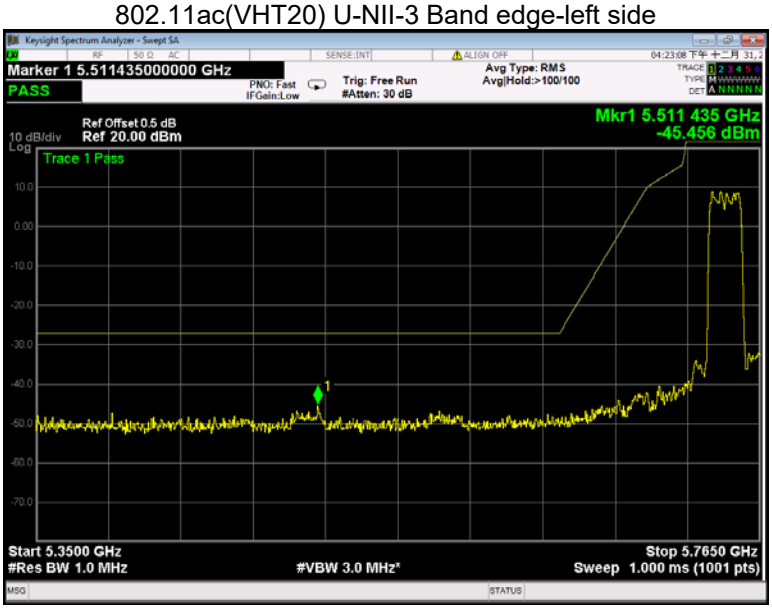
802.11ac(VHT20) U-NII-2C Band edge-left side



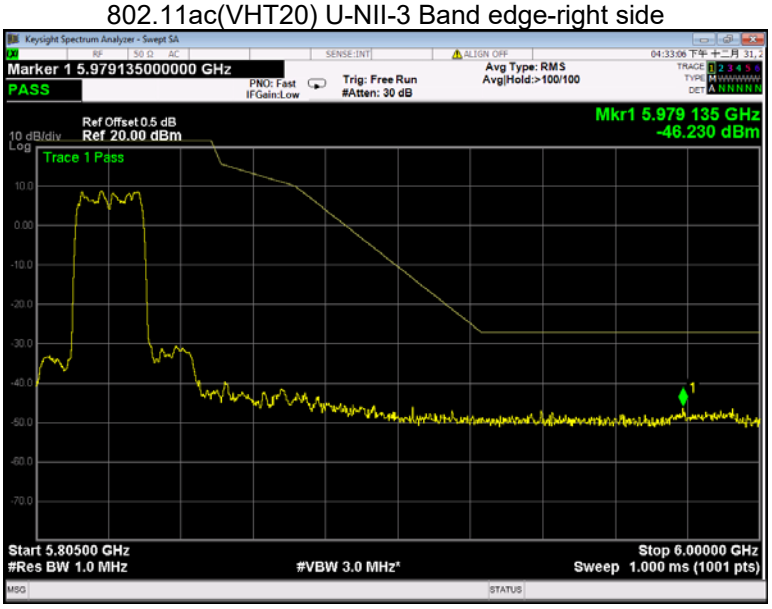
802.11ac(VHT20) U-NII-2C Band edge-right side



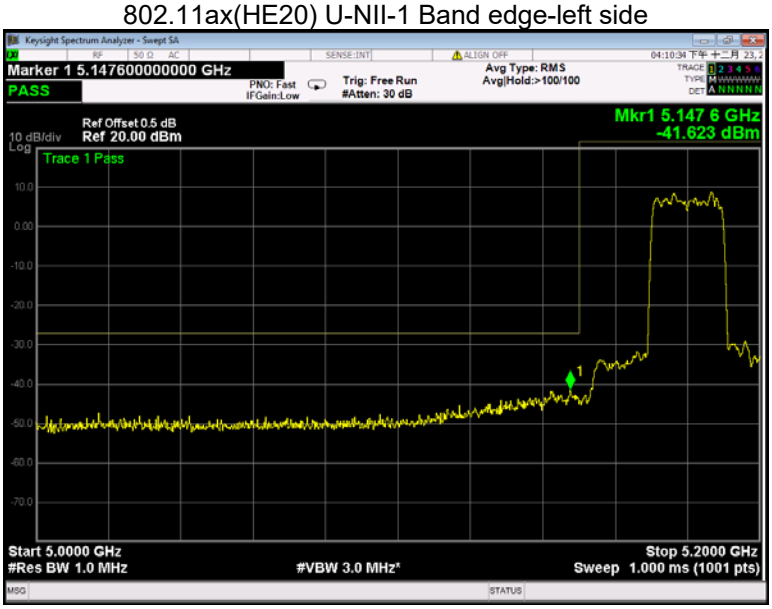
802.11ac(VHT20) U-NII-3 Band edge-left side



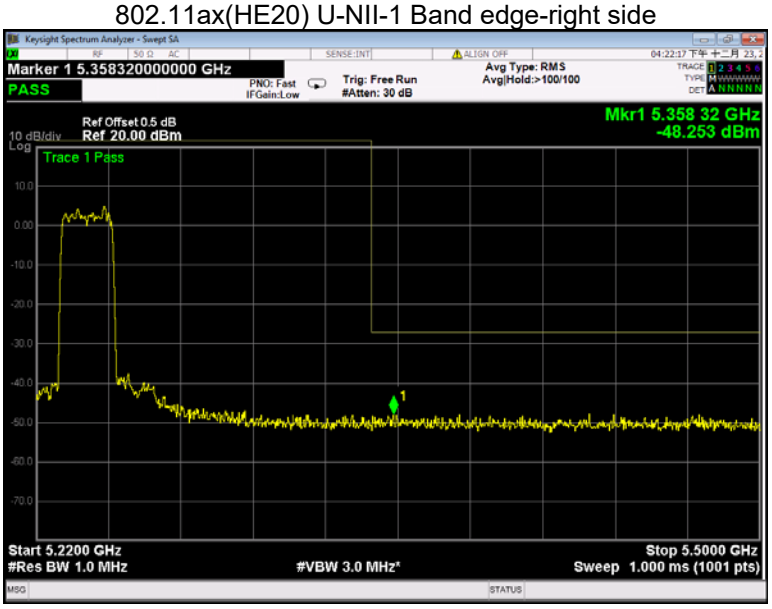
802.11ac(VHT20) U-NII-3 Band edge-right side



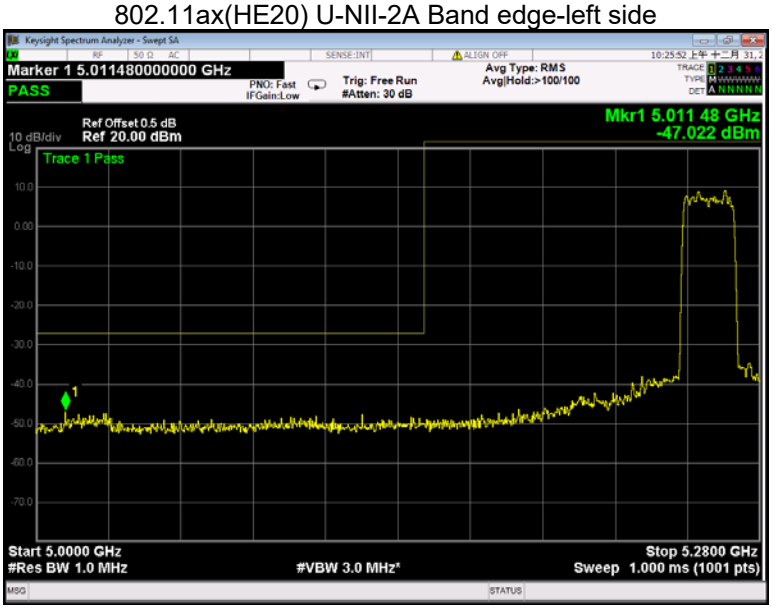
802.11ax(HE20) U-NII-1 Band edge-left side



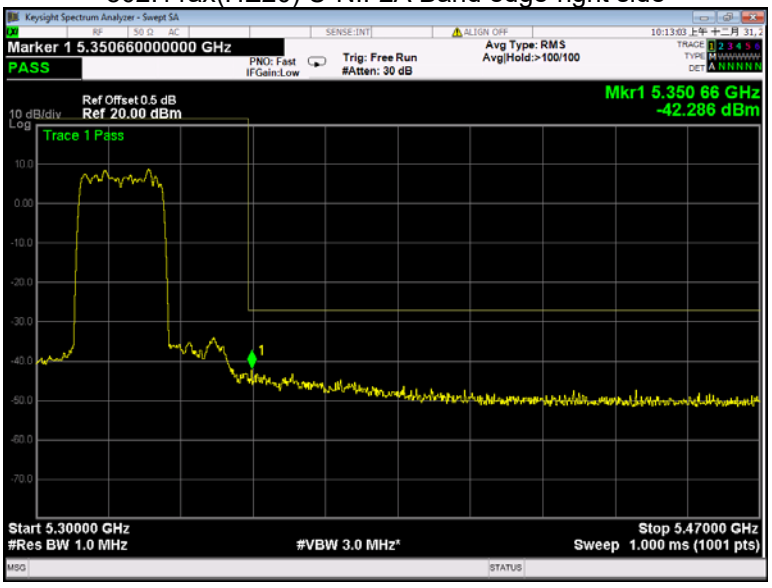
802.11ax(HE20) U-NII-1 Band edge-right side



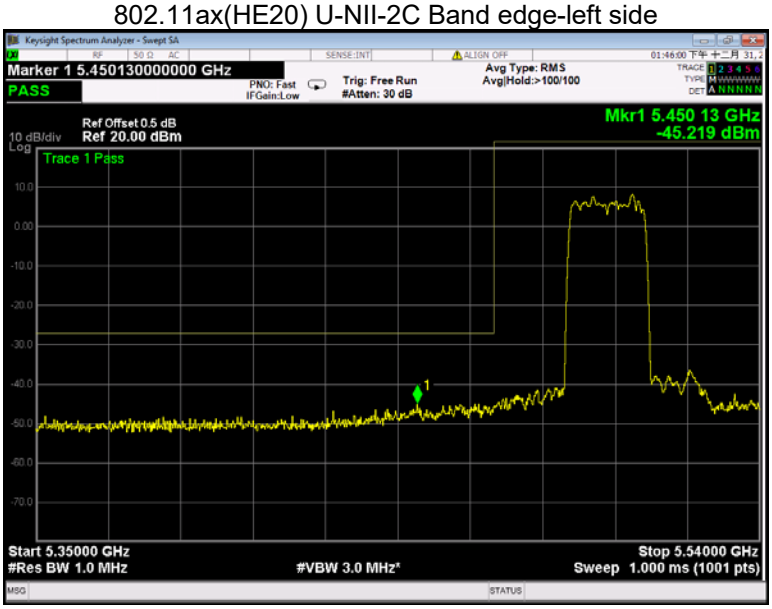
802.11ax(HE20) U-NII-2A Band edge-left side



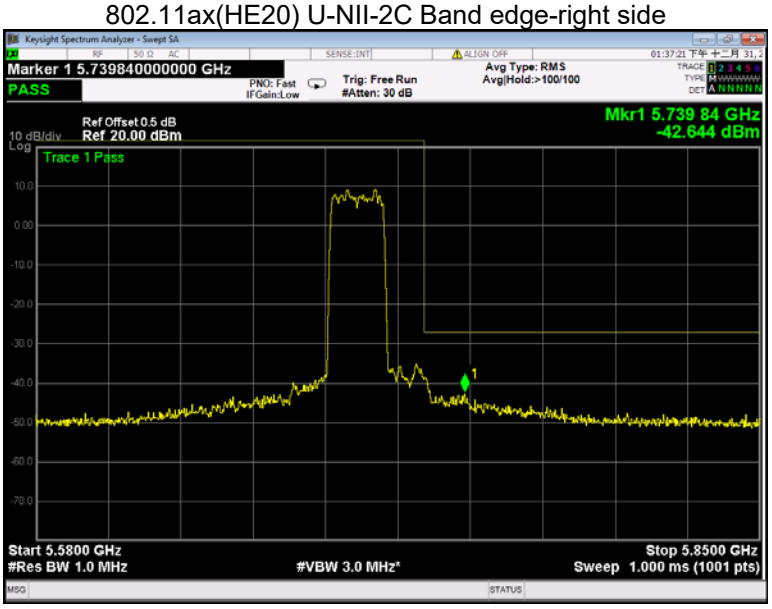
802.11ax(HE20) U-NII-2A Band edge-right side



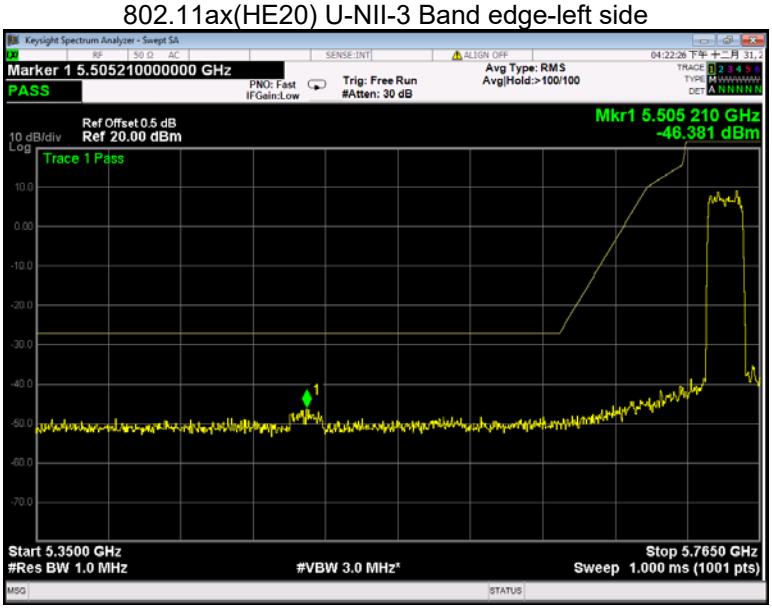
802.11ax(HE20) U-NII-2C Band edge-left side



802.11ax(HE20) U-NII-2C Band edge-right side

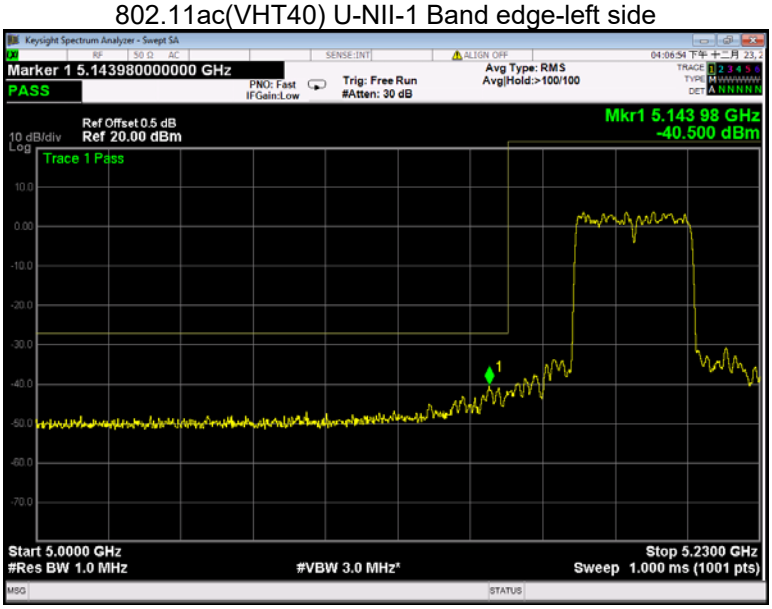


802.11ax(HE20) U-NII-3 Band edge-left side

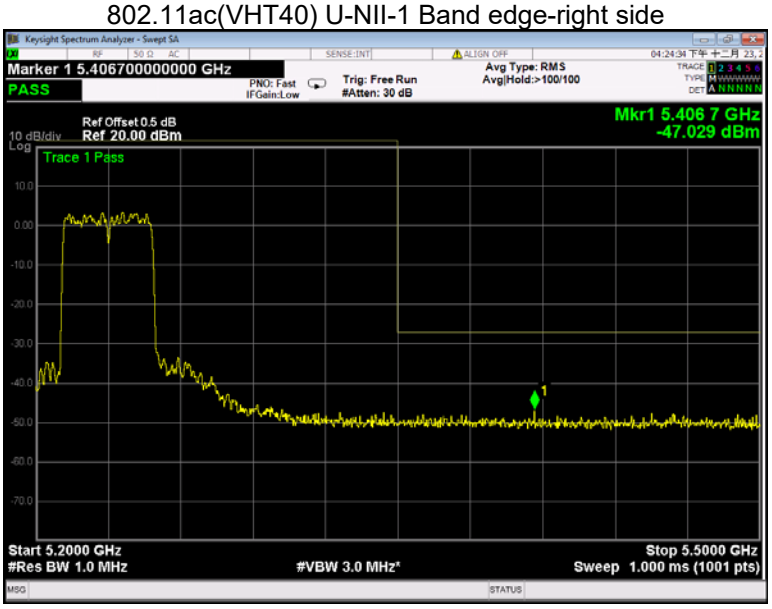


802.11ax(HE20) U-NII-3 Band edge-right side

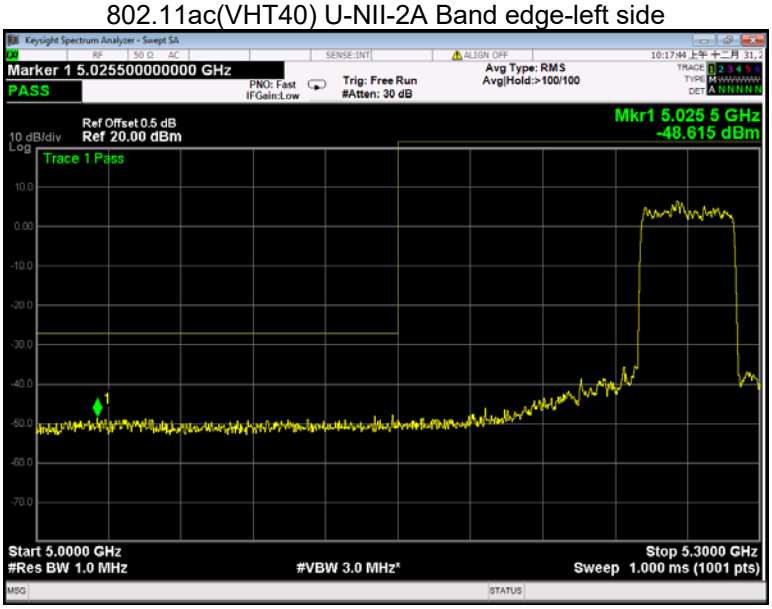
802.11ac(VHT40) U-NII-1 Band edge-left side



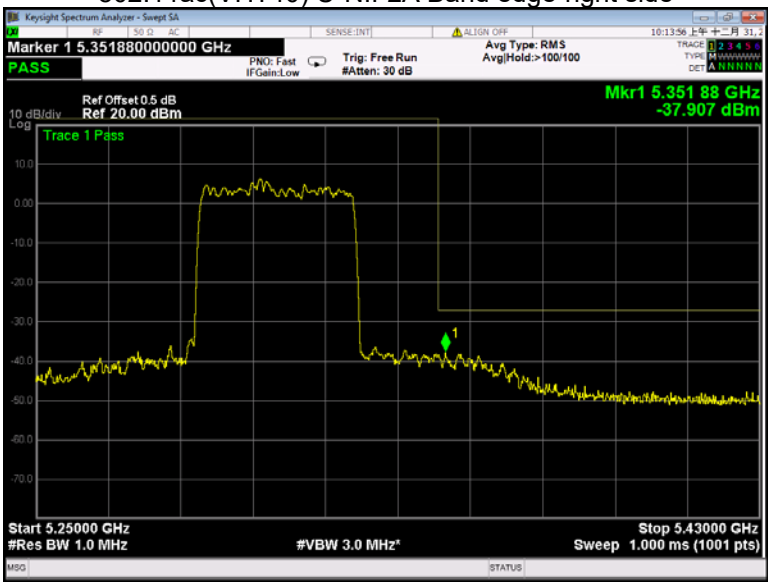
802.11ac(VHT40) U-NII-1 Band edge-right side



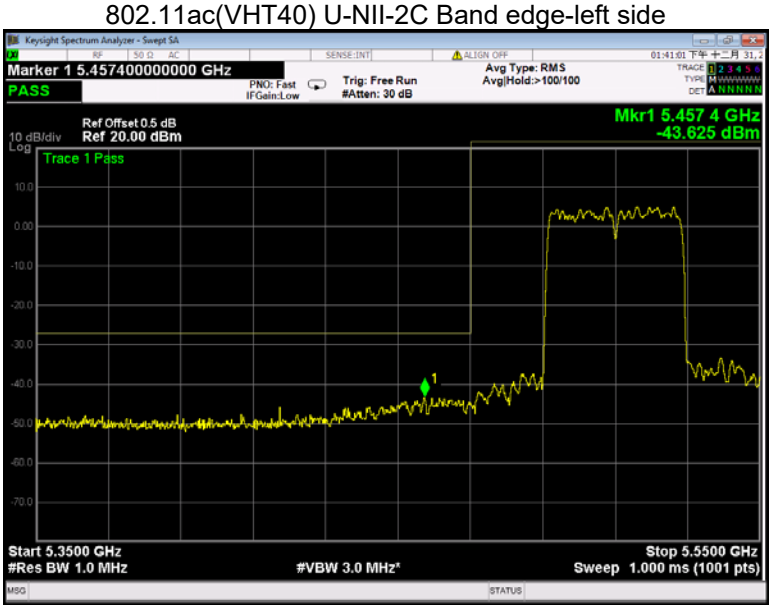
802.11ac(VHT40) U-NII-2A Band edge-left side



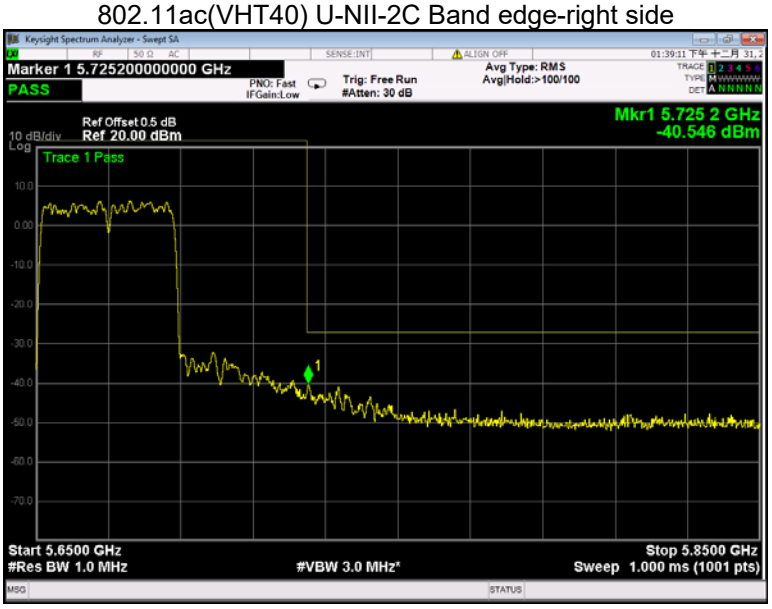
802.11ac(VHT40) U-NII-2A Band edge-right side



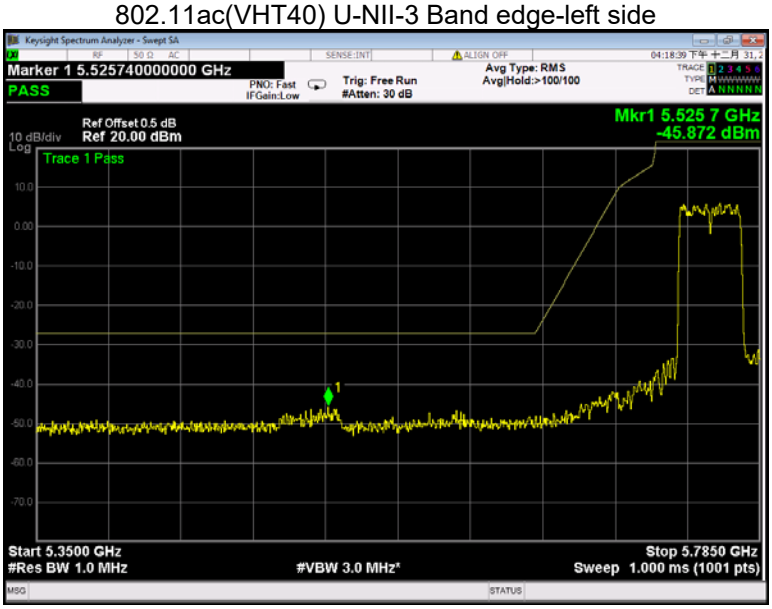
802.11ac(VHT40) U-NII-2C Band edge-left side



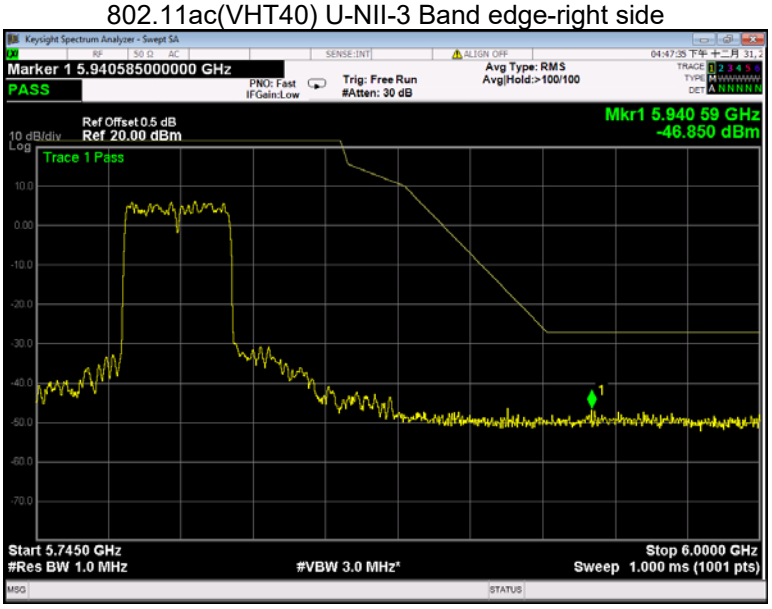
802.11ac(VHT40) U-NII-2C Band edge-right side



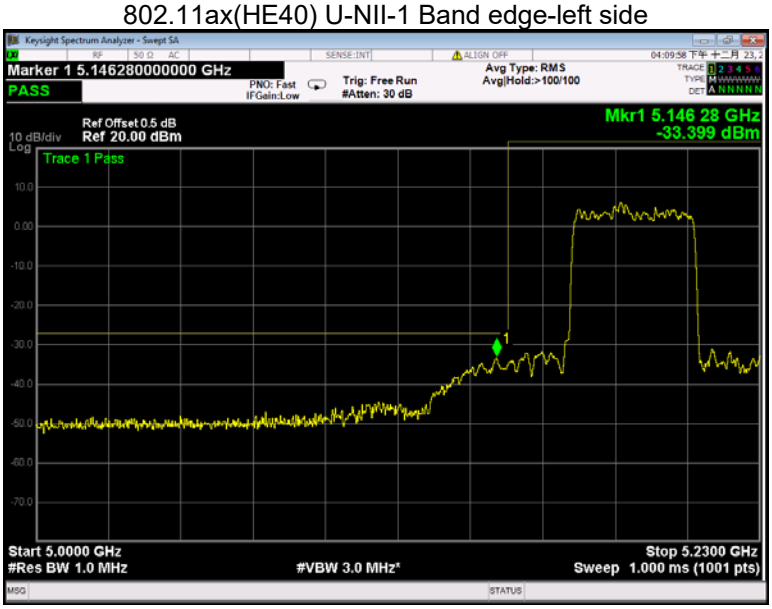
802.11ac(VHT40) U-NII-3 Band edge-left side



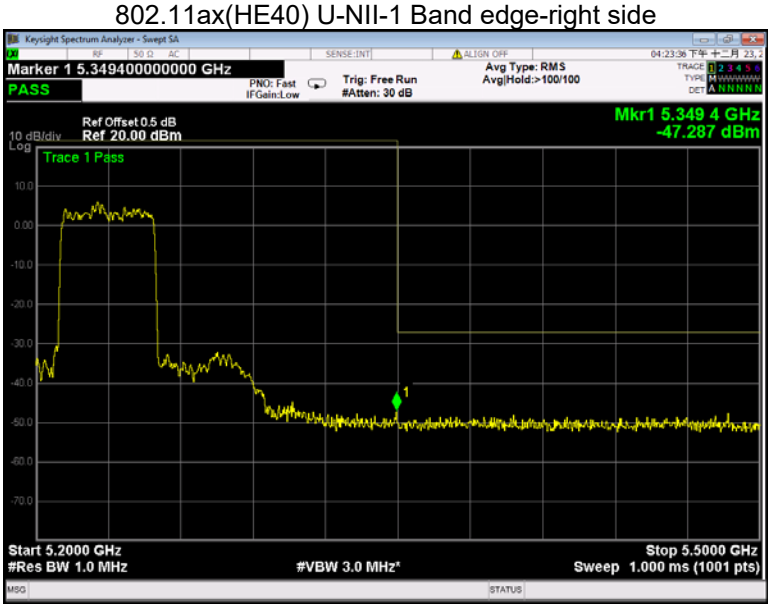
802.11ac(VHT40) U-NII-3 Band edge-right side



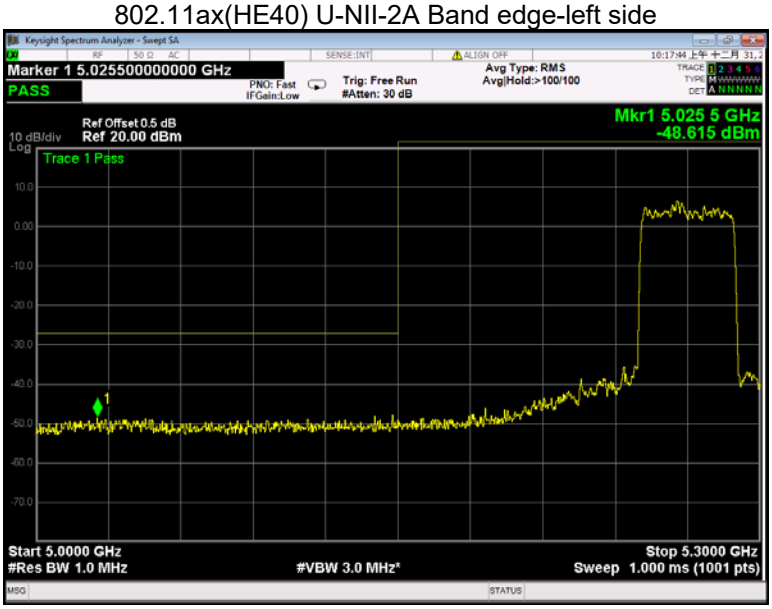
802.11ax(HE40) U-NII-1 Band edge-left side



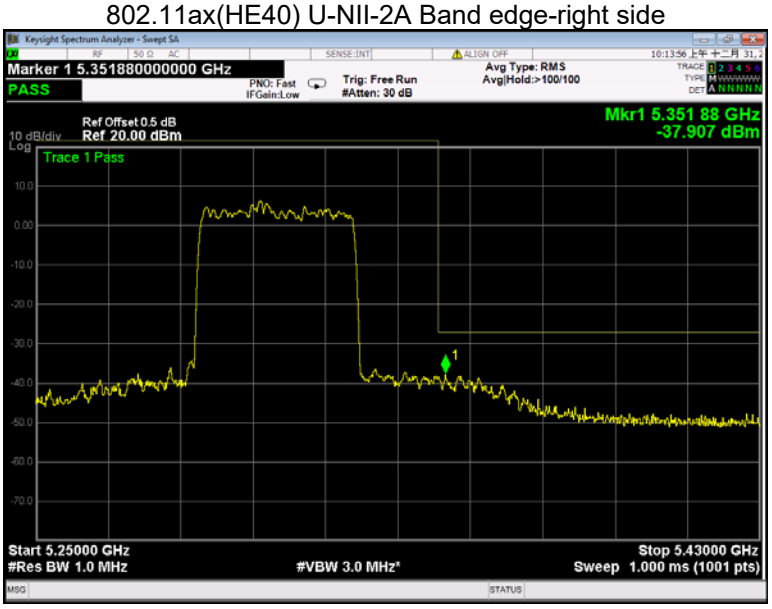
802.11ax(HE40) U-NII-1 Band edge-right side



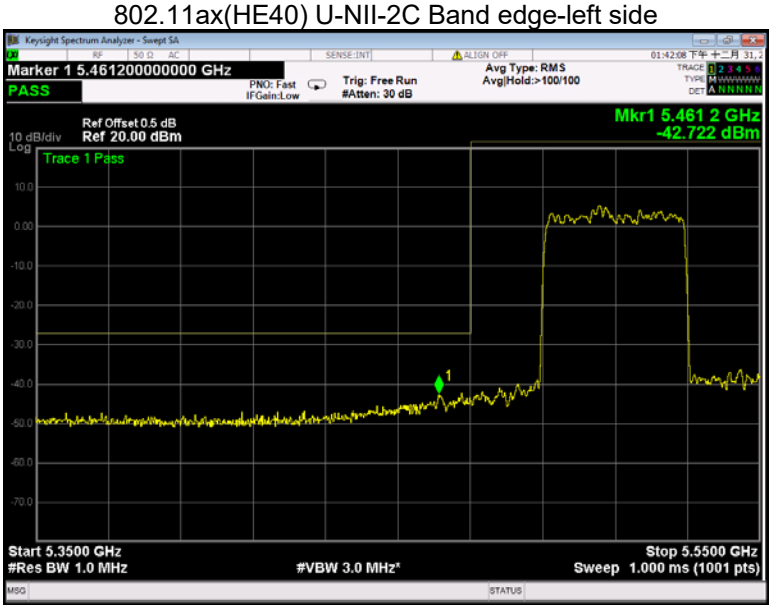
802.11ax(HE40) U-NII-2A Band edge-left side



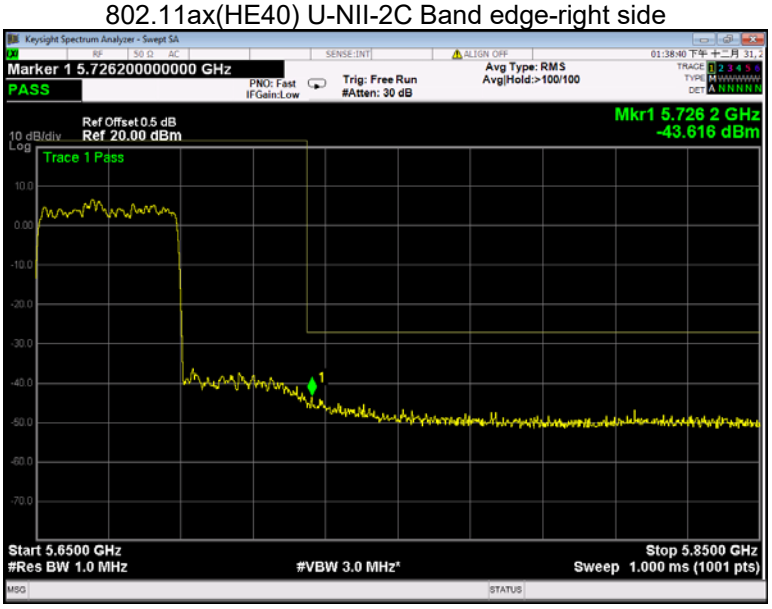
802.11ax(HE40) U-NII-2A Band edge-right side



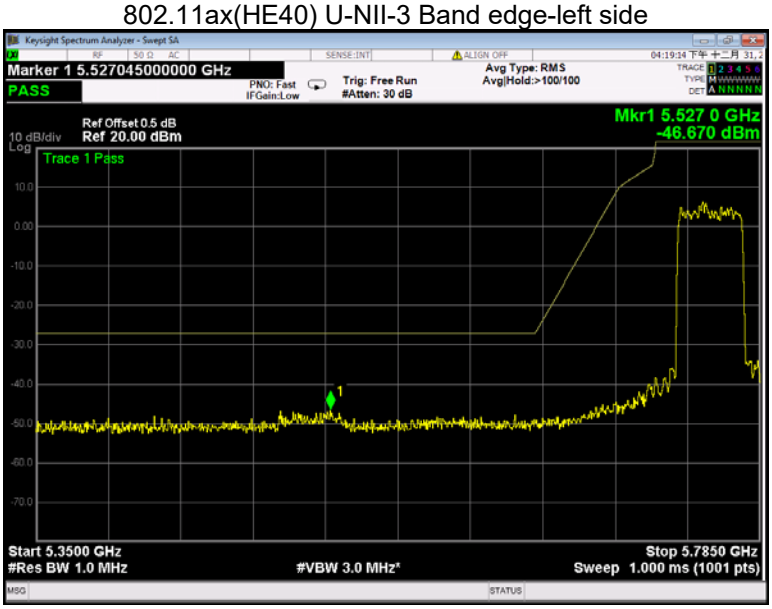
802.11ax(HE40) U-NII-2C Band edge-left side



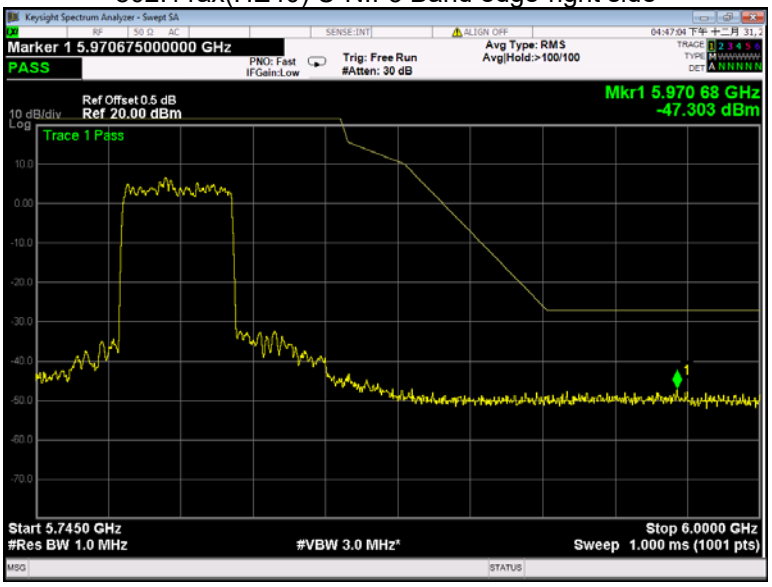
802.11ax(HE40) U-NII-2C Band edge-right side



802.11ax(HE40) U-NII-3 Band edge-left side



802.11ax(HE40) U-NII-3 Band edge-right side



10 6 dB Bandwidth

Test Requirement:	FCC 47CFR Part 15 Section 15.407(e)
Test Method:	KDB662911 D01 Multiple Transmitter Output v02r01 KDB789033 D02 General U-NII Test Procedures New Rules v02r01 Section C
Test Limit:	≥ 500 kHz
Test Result:	PASS

10.1 Test Procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;

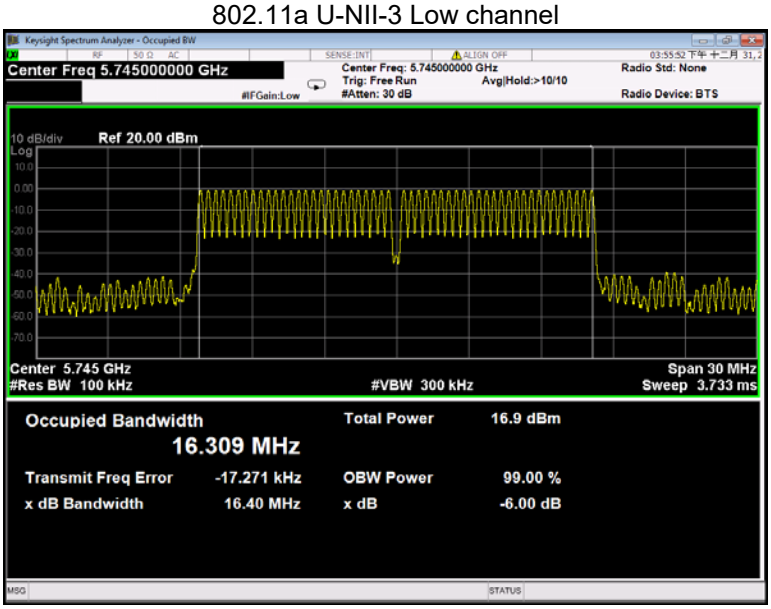
2. Set the spectrum analyzer: RBW = 100kHz, VBW = 300kHz

10.2 Test Result

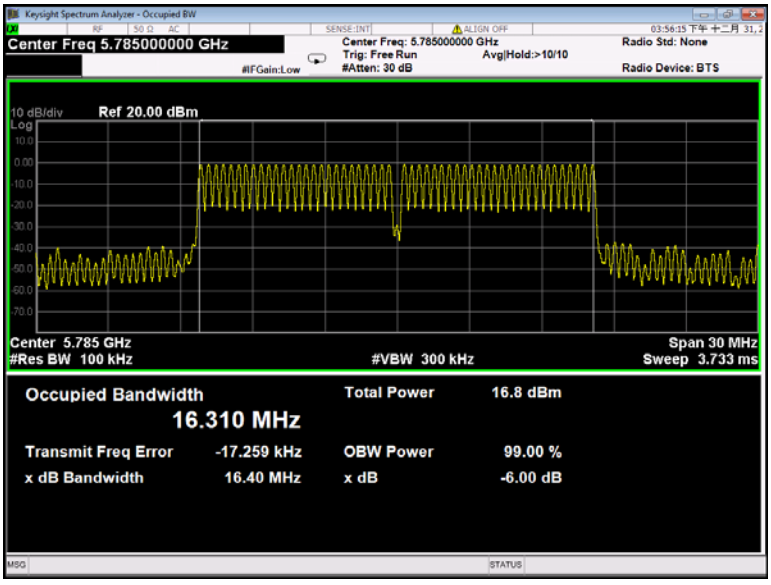
Band	Operation mode	6 dB Bandwidth (MHz)		
		Low	Middle	High
U-NII-3	802.11a	16.309	16.310	16.309
	802.11n(HT20)	17.555	17.555	17.555
	802.11n(HT40)	36.237	/	36.236
	802.11ac(VHT20)	17.555	17.555	17.555
	802.11ax(HE20)	18.934	18.935	18.936
	802.11ac(VHT40)	36.236	/	36.237
	802.11ax(HE40)	37.818	/	37.815

Test result plots shown as follows:

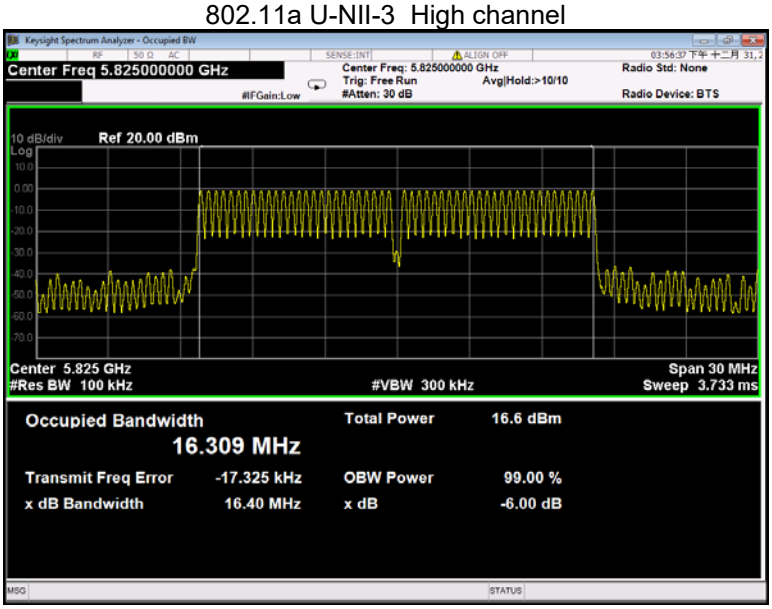
802.11a U-NII-3 Low channel



802.11a U-NII-3 Middle channel



802.11a U-NII-3 High channel



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