

TEST REPORT

Reference No. : WTD25D09244215W004
FCC ID : 2BMBQ-HB588AIBU
Applicant : HUBBLE BABY CARE LIMITED
Address : Unit 802, 8/F, Nan Fung Commercial Centre, 19 Lam Lok Street,
Kowloon Bay, Kowloon, Hong Kong
Manufacturer : HUBBLE BABY CARE LIMITED
Address : Unit 802, 8/F, Nan Fung Commercial Centre, 19 Lam Lok Street,
Kowloon Bay, Kowloon, Hong Kong
Product Name : BABY MONITOR
Model No. : Go Baby AI Portable Pro (HB588AI), Go Baby AI Pro (HB585AI),
HB588AIBU, HB585AIBU
Standards : FCC 47CFR Part 15 Section 15.407
Date of Receipt Sample : 2025-09-17
Date of Test : 2025-09-25 to 2025-11-03
Date of Issue : 2025-12-02
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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3 Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTD25D09244215W004	2025-09-17	2025-09-25 to 2025-11-03	2025-12-02	original	-	Valid

4 General Information

4.1 General Description of E.U.T.

Product:	BABY MONITOR
Model(s):	Go Baby AI Portable Pro (HB588AI), Go Baby AI Pro (HB585AI), HB588AIBU, HB585AIBU
Model Description:	Only the model names are different. The model HB588AIBU was tested in this report.
Test Sample No.:	1-1/1
Wi-Fi Specification:	5G-802.11a/n(HT20/40)/ac(VHT20/40)/ax(HE20/40)
Hardware Version:	V2.4
Software Version:	0693-03.60.12_RC02

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: 11.81dBm, U-NII-2A: 11.44dBm U-NII-2C: 13.95dBm, U-NII-3: 9.34dBm
Type of Modulation:	OFDM, OFDMA
Partial RU:	Not support
TX Power Control (TPC):	Not support
Type of Device	Slave Device without Radar Detection
Channel Separation:	20MHz, 40MHz
Antenna Type:	Monopole antenna
Antenna number:	1
Antenna Gain:	U-NII-1: -4.6dBi U-NII-2A: -4.6dBi U-NII-2C: -0.49dBi U-NII-3: -2.19dBi

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:	DC 5V 500mAh
Adapter:	Model: KA12C-0501500US Input: 100-240V~ 50/60Hz 0.35A Max Output: 5V = 1500mA

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:

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<http://www.waltek.com.cn>

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

Conducted Emissions Test Site 1#						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1.	EMI Test Receiver	R&S	ESCI	100947	2025-07-04	2026-07-03
2.	LISN	R&S	ENV216	100115	2025-06-03	2026-06-02
3.	Cable	Top	TYPE16(3.5M)	-	2025-06-03	2026-06-02
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	2025-04-19	2026-04-18
2	Amplifier	Agilent	8447D	2944A10178	2025-07-04	2026-07-03
3	Trilog Broadband Antenna	SCHWARZBECK	VULB9163	336	2025-07-20	2026-07-19
4	Coaxial Cable (below 1GHz)	Top	TYPE16(13M)	-	2025-04-19	2026-04-18
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	2026-07-03
7	Broadband Preamplifier	COMPLIANCE DIRECTION	PAP-1G18	2004	2025-07-04	2026-07-03
8	Coaxial Cable (above 1GHz)	ZT26-NJ-NJ-8M/FA	1GHz-18GHz	NA	2025-04-19	2026-04-18
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	2025-04-19	2026-04-18
2	Trilog Broadband Antenna	SCHWARZBECK	VULB9160	9160-3325	2025-07-05	2026-07-04
3	Active Loop Antenna	Com-Power Corp.	AL-130R	10160007	2025-04-21	2026-04-20
4	Amplifier	ANRITSU	MH648A	M43381	2025-04-19	2026-04-18
5	Cable	HUBER+SUHNER	CBL2	525178	2025-04-19	2026-04-18
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	2026-07-03
2.	EXA Signal Analyzer	Malaysia Keysight	N9010A	MY50520207	2025-07-04	2026-07-03

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~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
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.

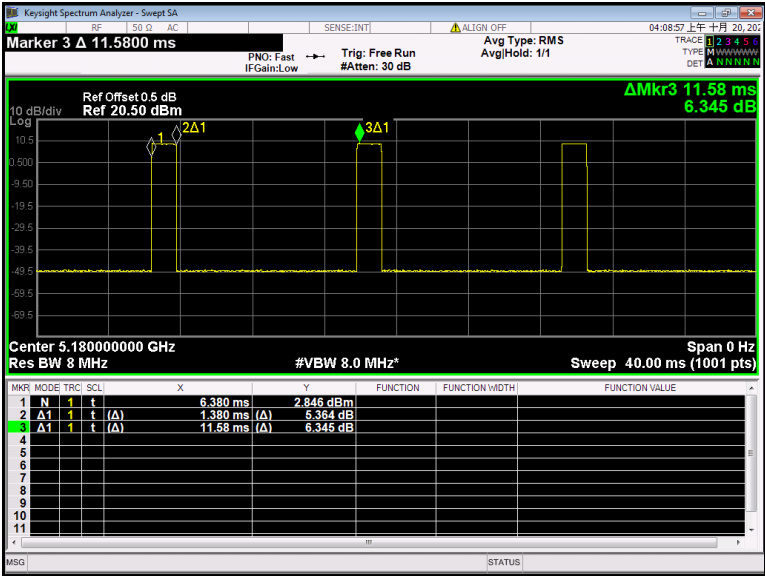
7.1 Summary of Test Results

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	1.38	11.58	0.12	11.92	9.24	-18.48
U-NII-1 802.11n(HT20)	1.30	11.34	0.11	11.46	9.41	-18.81
U-NII-1 802.11n(HT40)	0.66	10.7	0.06	6.17	12.10	-24.20
U-NII-1 802.11ac(VHT20)	1.26	11.34	0.11	11.11	9.54	-19.08
U-NII-1 802.11ac(VHT40)	0.66	10.7	0.06	6.17	12.10	-24.20
U-NII-1 (802.11ax HE20)	1.02	11.06	0.09	9.22	10.35	-20.70
U-NII-1 (802.11ax HE40)	0.54	10.58	0.05	5.10	12.92	-25.84
U-NII-2A 802.11a	1.34	11.38	0.12	11.78	9.29	-18.58
U-NII-2A 802.11n(HT20)	1.22	11.26	0.11	10.83	9.65	-19.30
U-NII-2A 802.11n(HT40)	0.58	10.62	0.05	5.46	12.63	-25.25
U-NII-2A 802.11ac(VHT20)	1.22	11.3	0.11	10.80	9.67	-19.33
U-NII-2A 802.11ac(VHT40)	0.62	10.66	0.06	5.82	12.35	-24.71
U-NII-2A (802.11ax HE20)	0.94	11.02	0.09	8.53	10.69	-21.38
U-NII-2A (802.11ax HE40)	0.50	10.54	0.05	4.74	13.24	-26.48
U-NII-2C 802.11a	2.07	2.2	0.94	94.09	0.26	-0.53
U-NII-2C 802.11n(HT20)	1.34	11.38	0.12	11.78	9.29	-18.58
U-NII-2C 802.11n(HT40)	1.26	11.3	0.11	11.15	9.53	-19.05
U-NII-2C 802.11ac(VHT20)	0.58	10.62	0.05	5.46	12.63	-25.25
U-NII-2C 802.11ac(VHT40)	1.26	11.3	0.11	11.15	9.53	-19.05

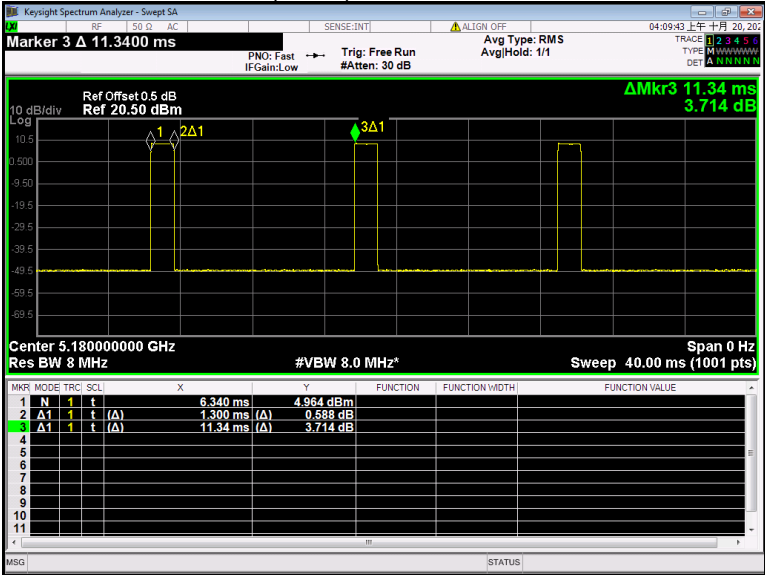
U-NII-2C (802.11ax HE20)	0.58	10.62	0.05	5.46	12.63	-25.25
U-NII-2C (802.11ax HE40)	0.98	11.02	0.09	8.89	10.51	-21.02
U-NII-3 802.11a	1.34	11.38	0.12	11.78	9.29	-18.58
U-NII-3 802.11n(HT20)	1.22	11.26	0.11	10.83	9.65	-19.30
U-NII-3 802.11n(HT40)	0.58	10.62	0.05	5.46	12.63	-25.25
U-NII-3 802.11ac(VHT20)	1.22	11.3	0.11	10.80	9.67	-19.33
U-NII-3 802.11ac(VHT40)	0.58	10.62	0.05	5.46	12.63	-25.25
U-NII-3 (802.11ax HE20)	0.94	10.98	0.09	8.56	10.67	-21.35
U-NII-3 (802.11ax HE40)	0.46	10.54	0.04	4.36	13.60	-27.20

Test result plots shown as follows:

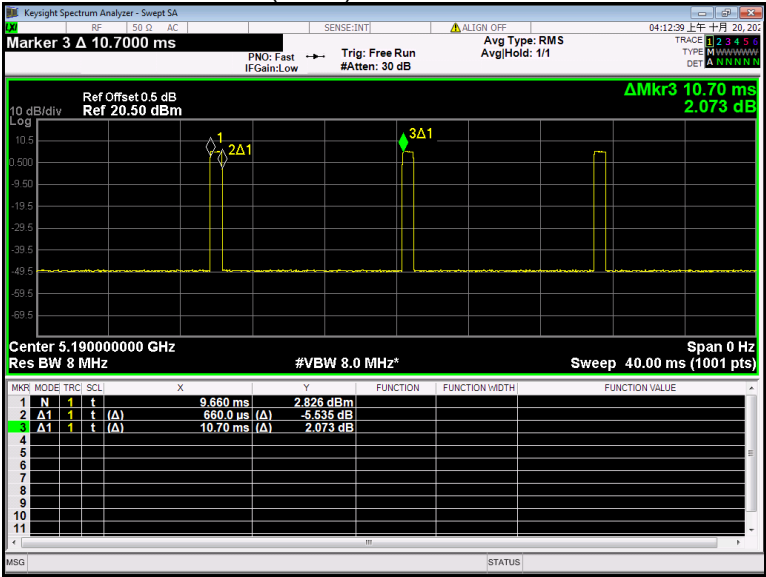
802.11a U-NII-1 Low channel



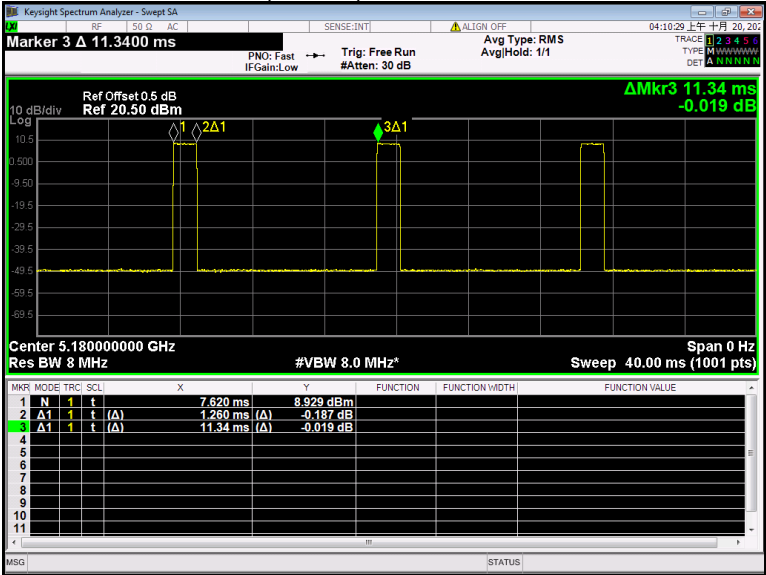
802.11n(HT20) U-NII-1 Low channel



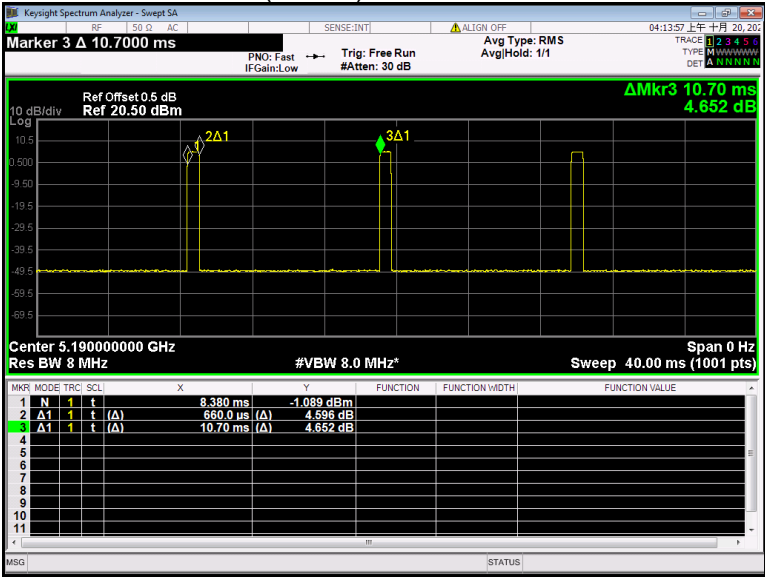
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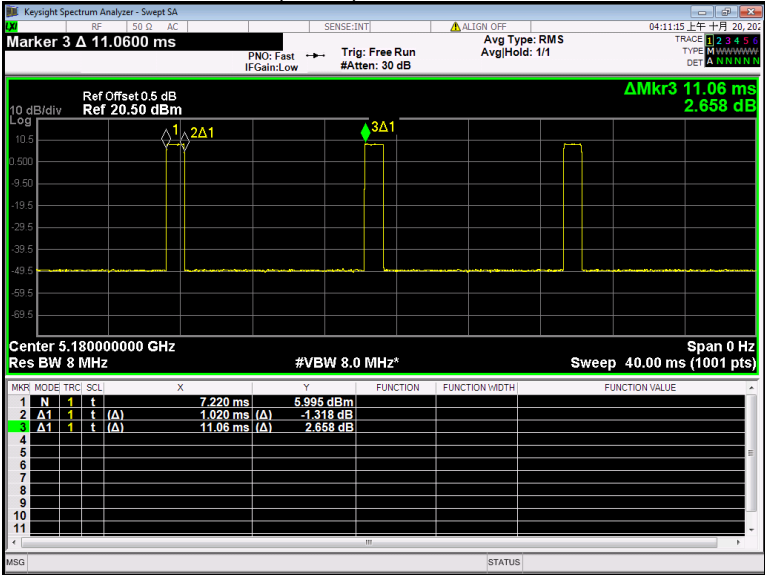
802.11ac(VHT20) U-NII-1 Low channel



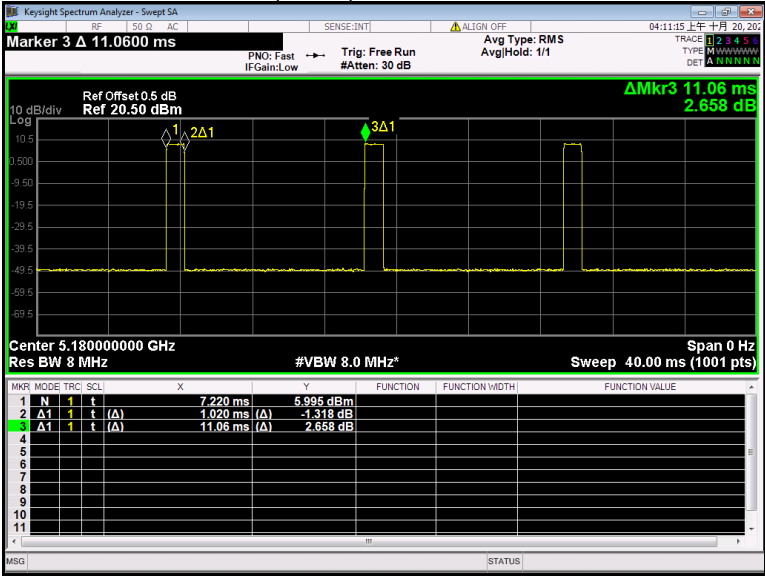
802.11ac(VHT40) U-NII-1 Low channel



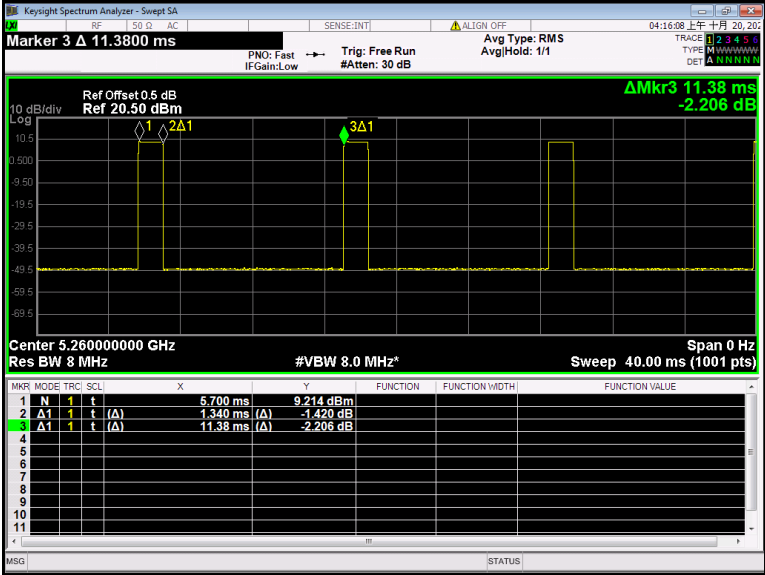
802.11ax(HE20) U-NII-1 Low channel



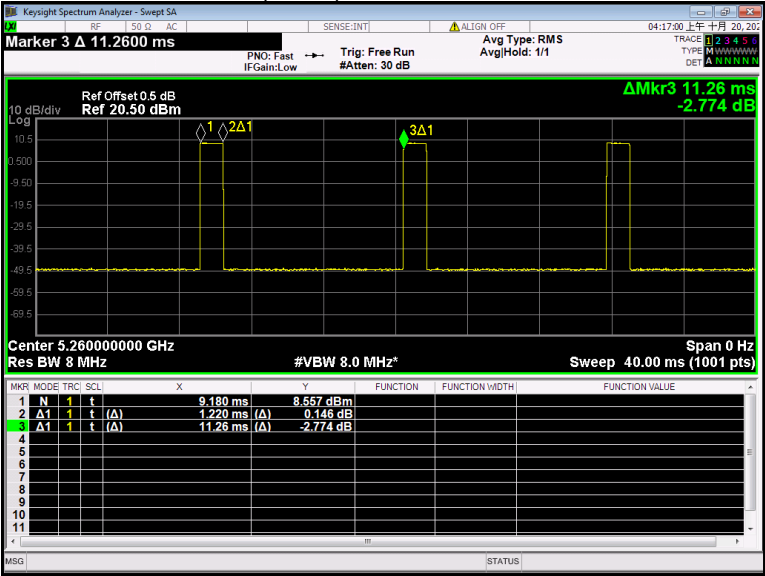
802.11ax(HE40) U-NII-1 Low channel



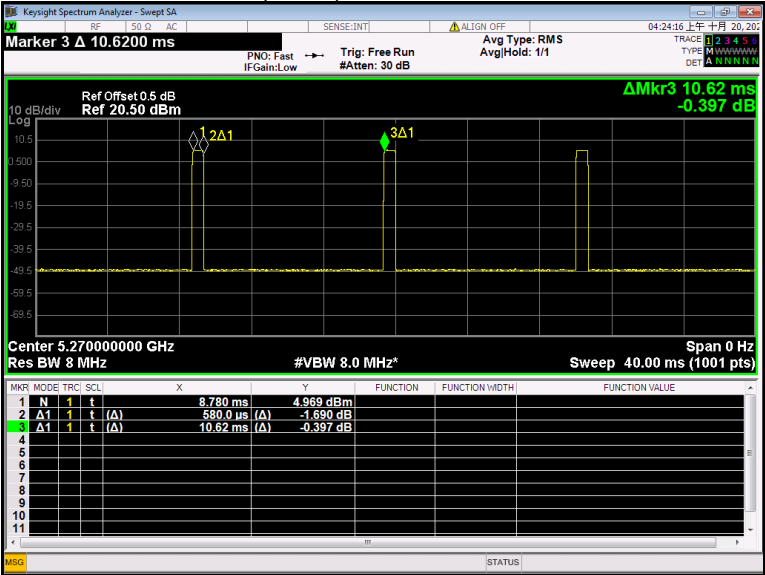
802.11a U-NII-2A Low channel



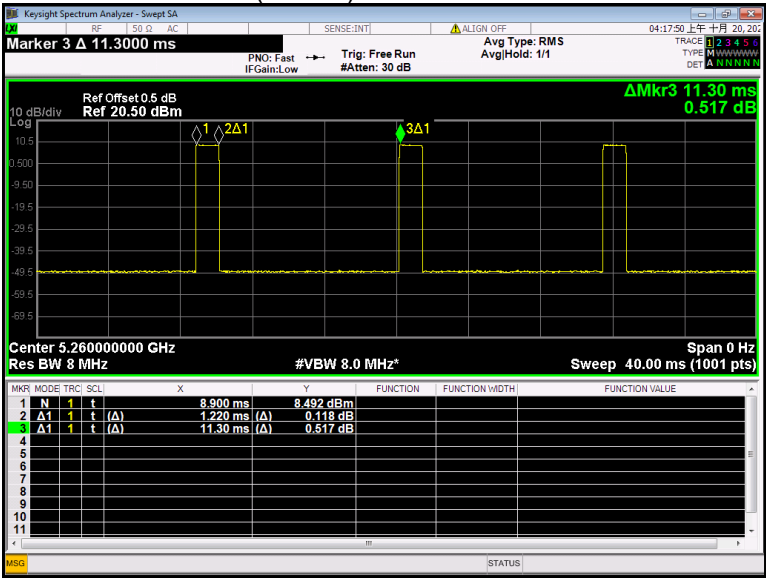
802.11n(HT20) U-NII-2A Low channel



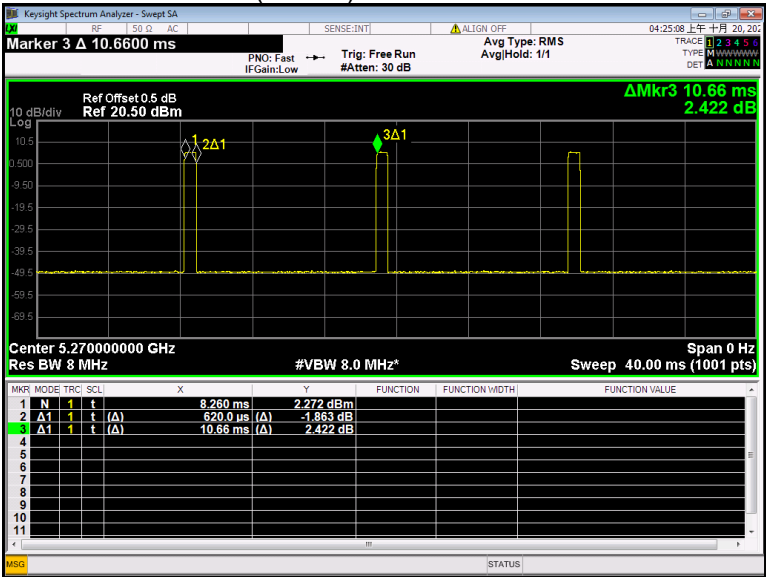
802.11n(HT40) U-NII-2A Low channel

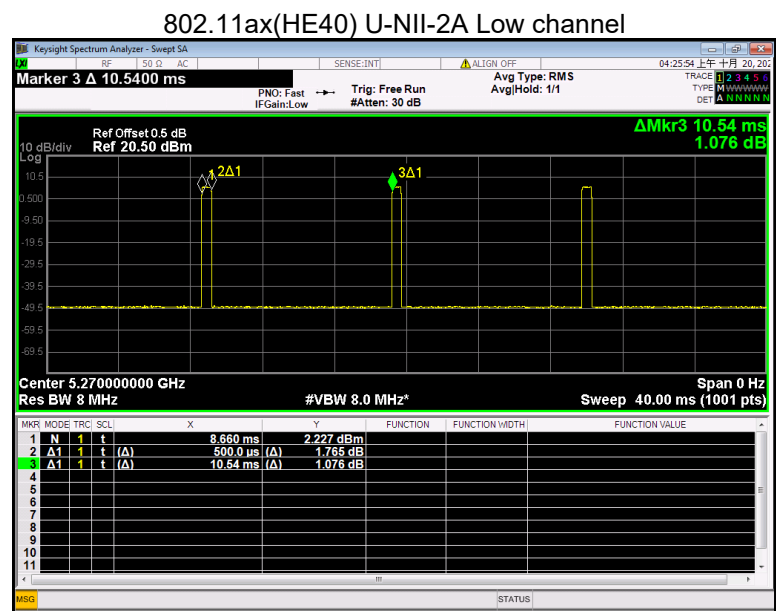
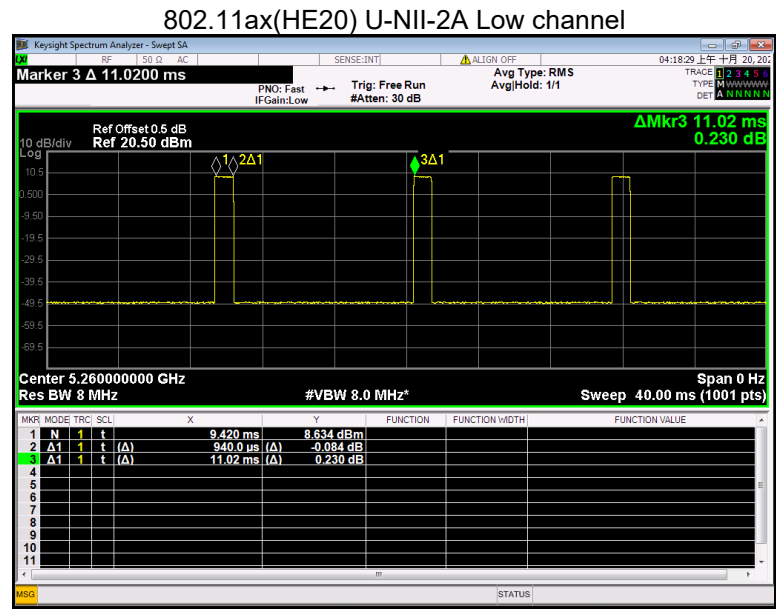


802.11ac(VHT20) U-NII-2A Low channel

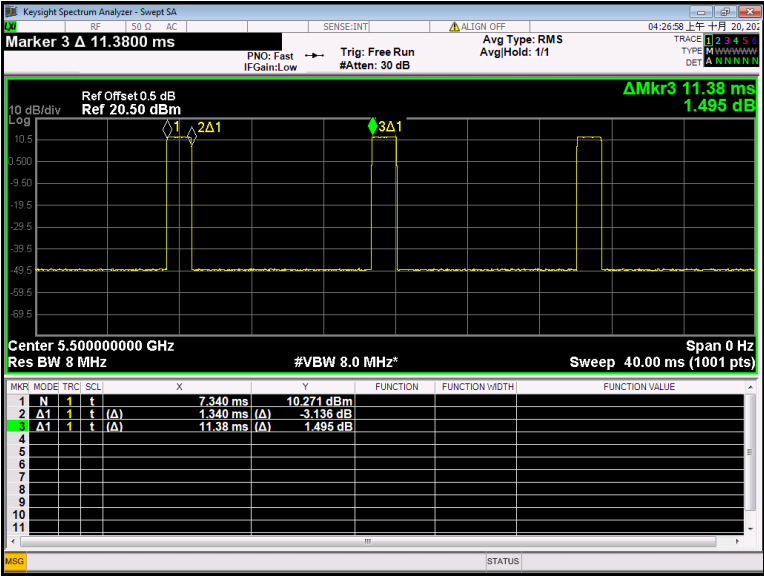


802.11ac(VHT40) U-NII-2A Low channel

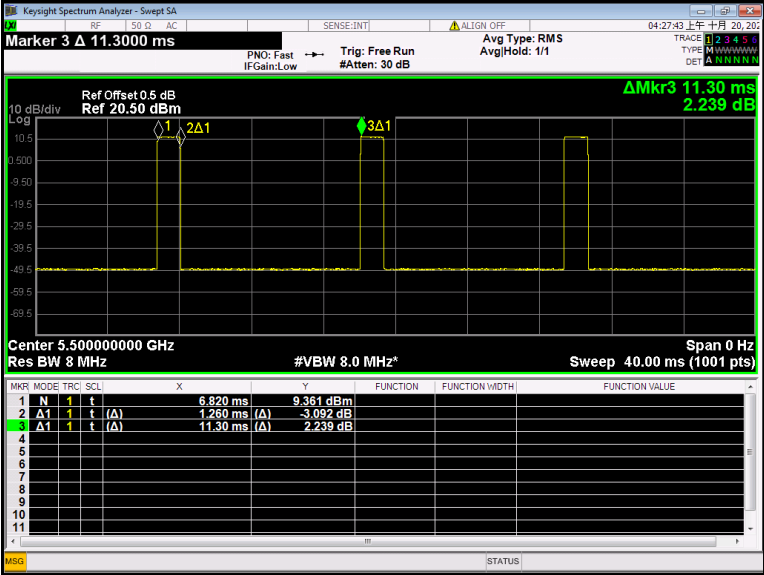




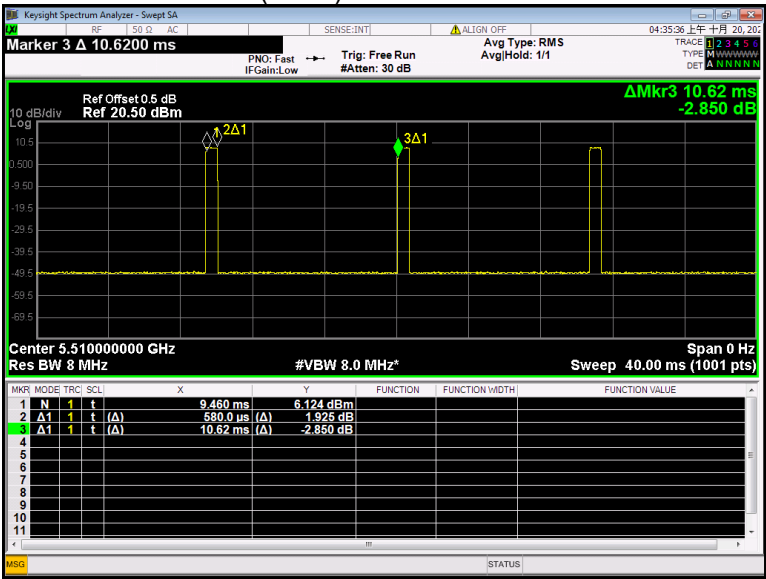
802.11a U-NII-2C Low channel



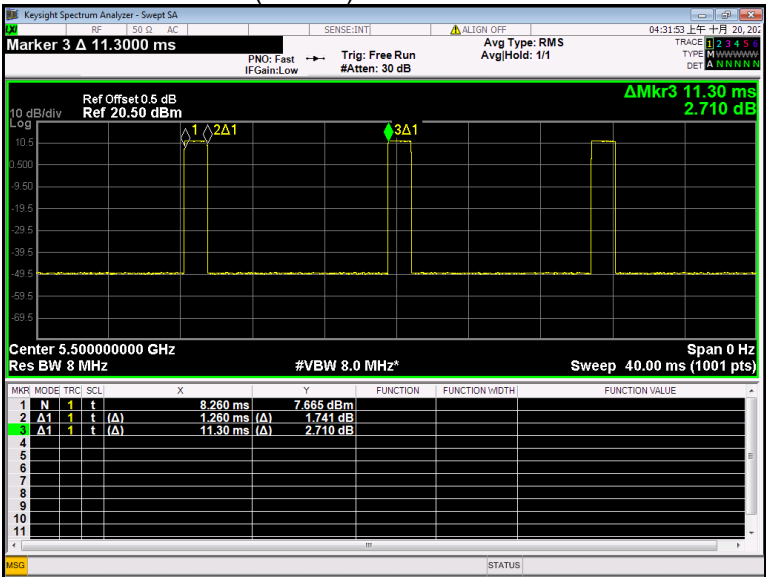
802.11n(HT20) U-NII-2C Low channel



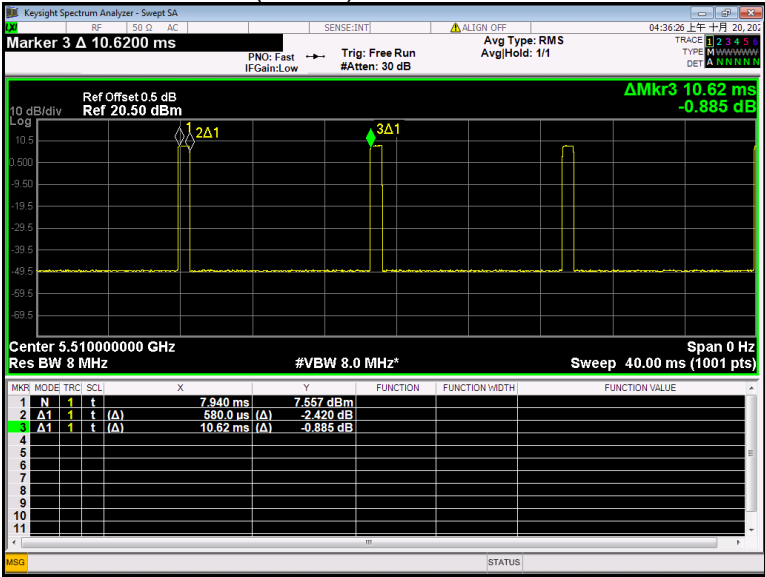
802.11n(HT40) U-NII-2C Low channel



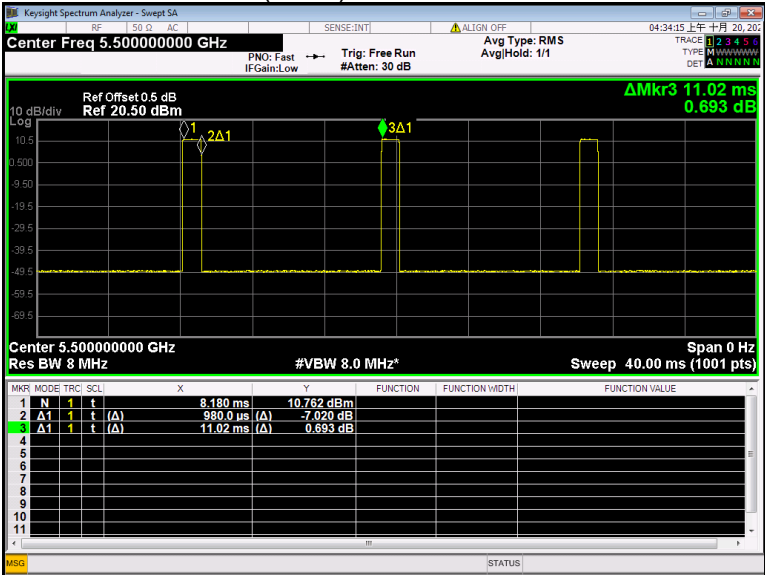
802.11ac(VHT20) U-NII-2C Low channel



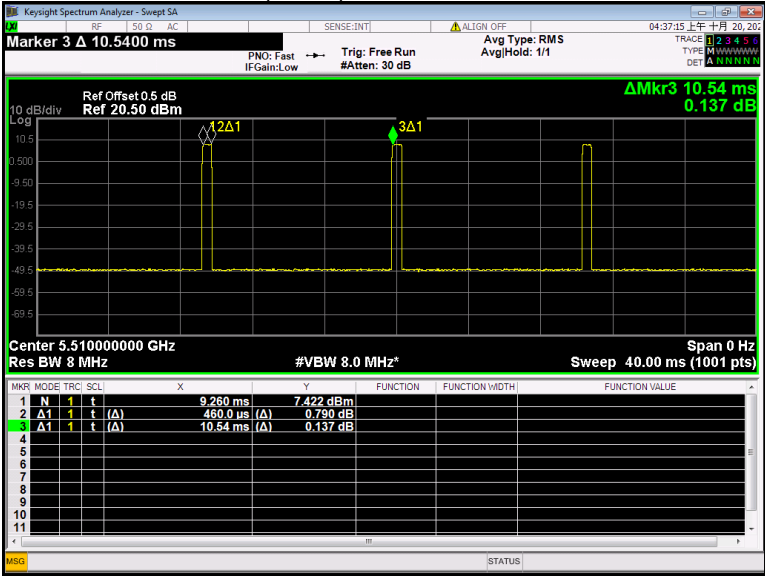
802.11ac(VHT40) U-NII-2C Low channel



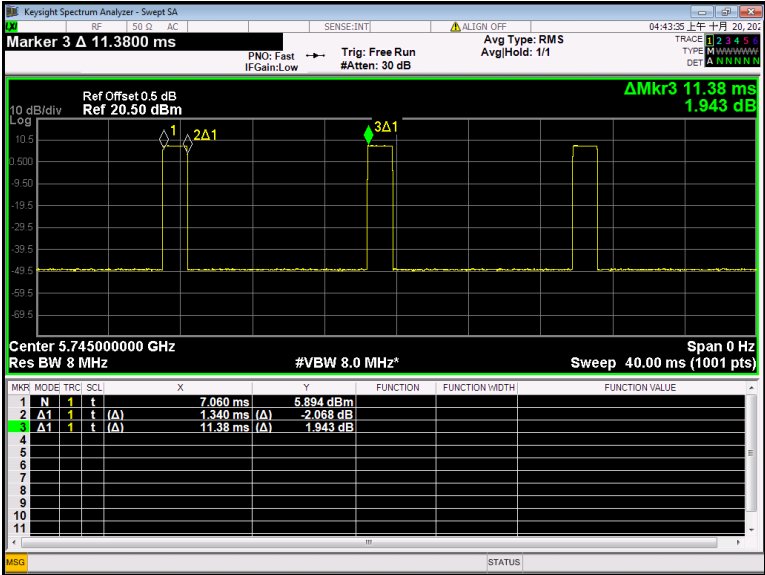
802.11ax(HE20) U-NII-2C Low channel



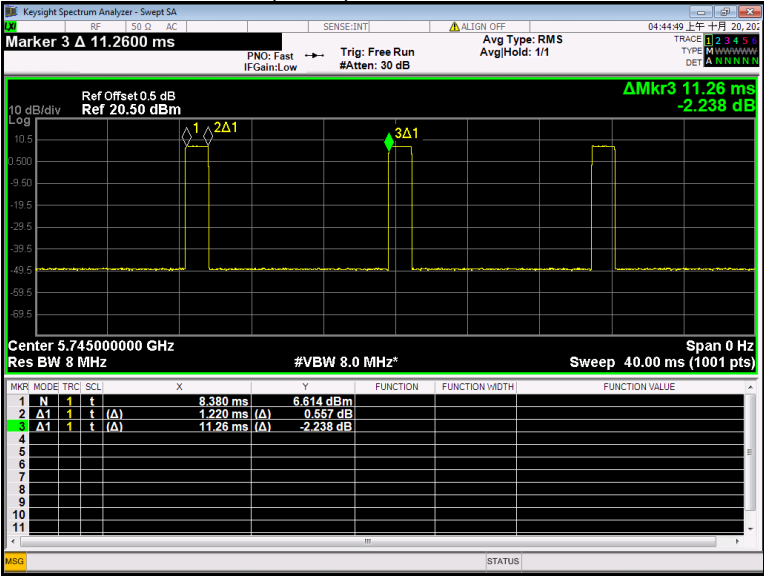
802.11ax(HE40) U-NII-2C Low channel



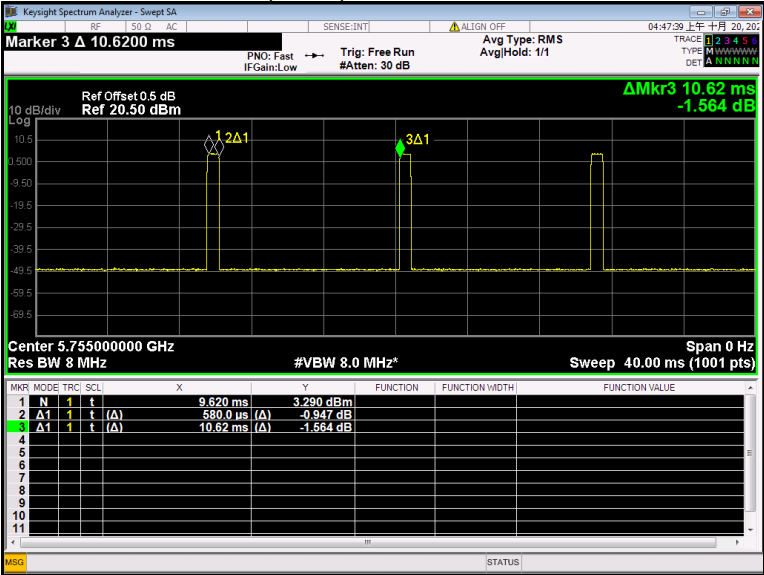
802.11a U-NII-3 Low channel



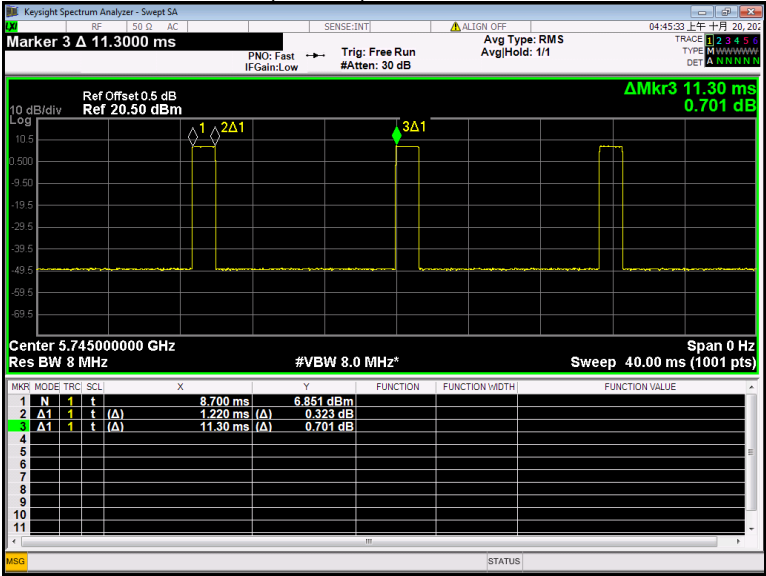
802.11n(HT20) U-NII-3 Low channel



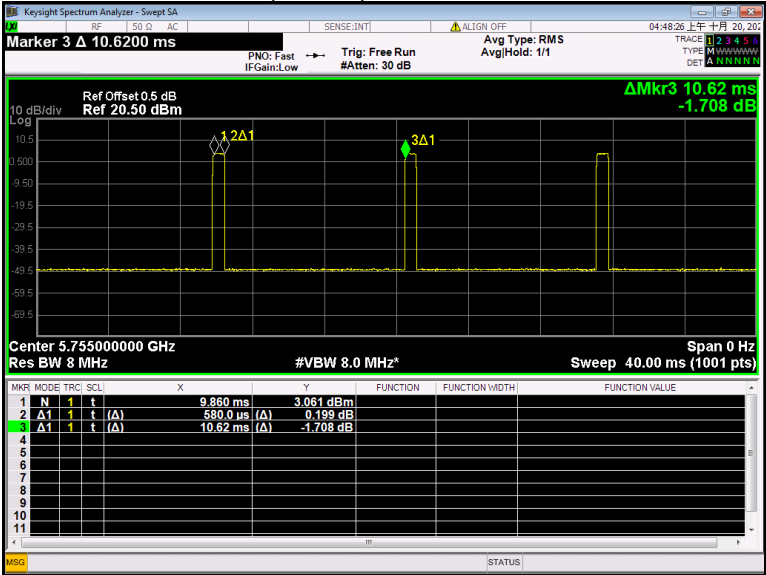
802.11n(HT40) U-NII-3 Low channel



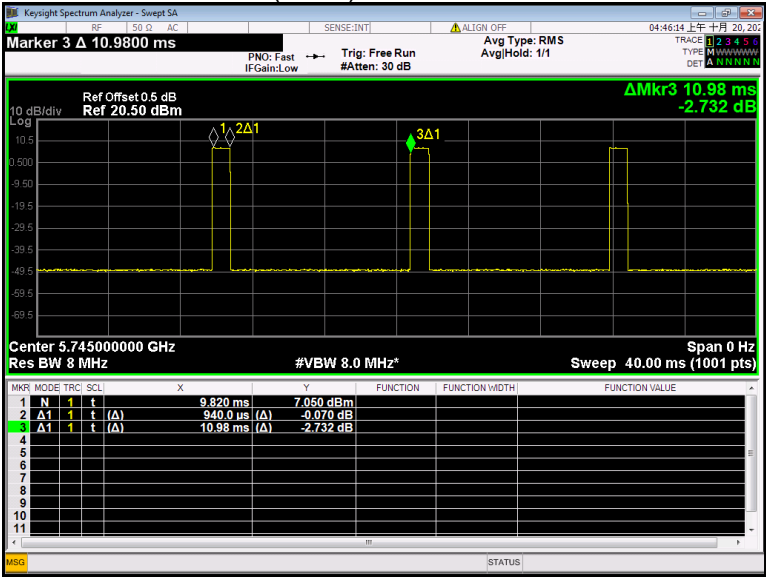
802.11ac(VHT20) U-NII-3 Low channel



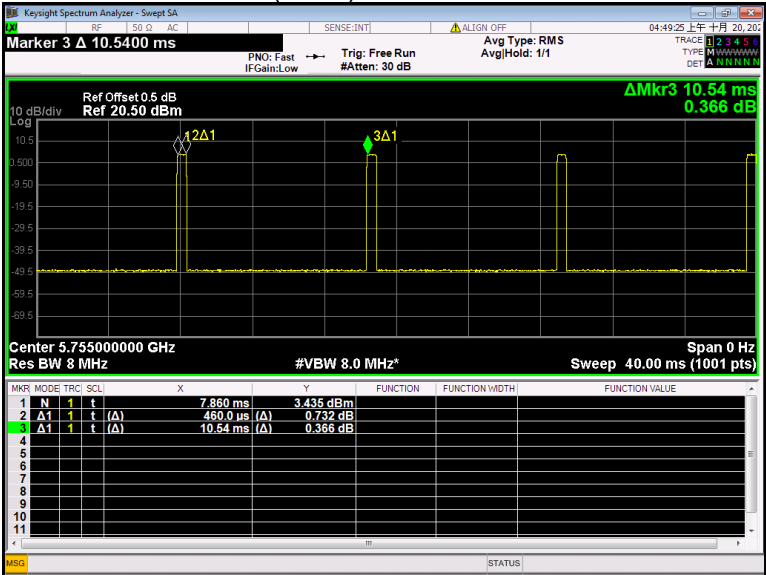
802.11ac(VHT40) U-NII-3 Low channel



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



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



8 Conducted Emission

Test Requirement: FCC 47CFR Part 15 Section 15.207
Test Method: ANSI C63.10-2020+A1-2024
Test Result: PASS
Frequency Range: 150kHz to 30MHz
Limit:

Frequency (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 to 0.5	66 to 56*	56 to 46*
0.5 to 5	56	46
5 to 30	60	50

*Decreases with the logarithm of the frequency.

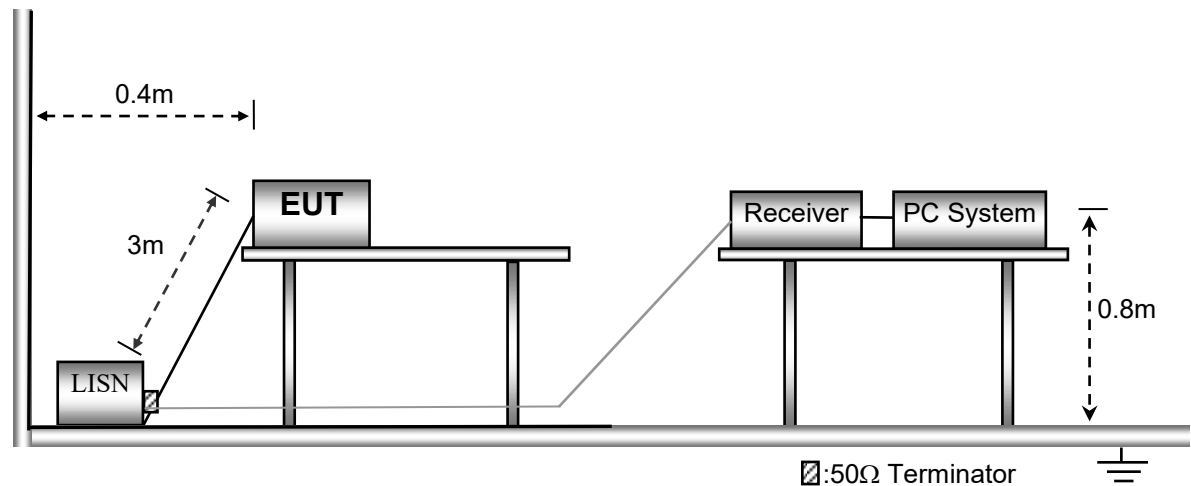
8.1 E.U.T. Operation

Operating Environment :
Temperature: 25.2°C
Humidity: 48.3 % RH
Atmospheric Pressure: 101.2kPa
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+A1-2024.



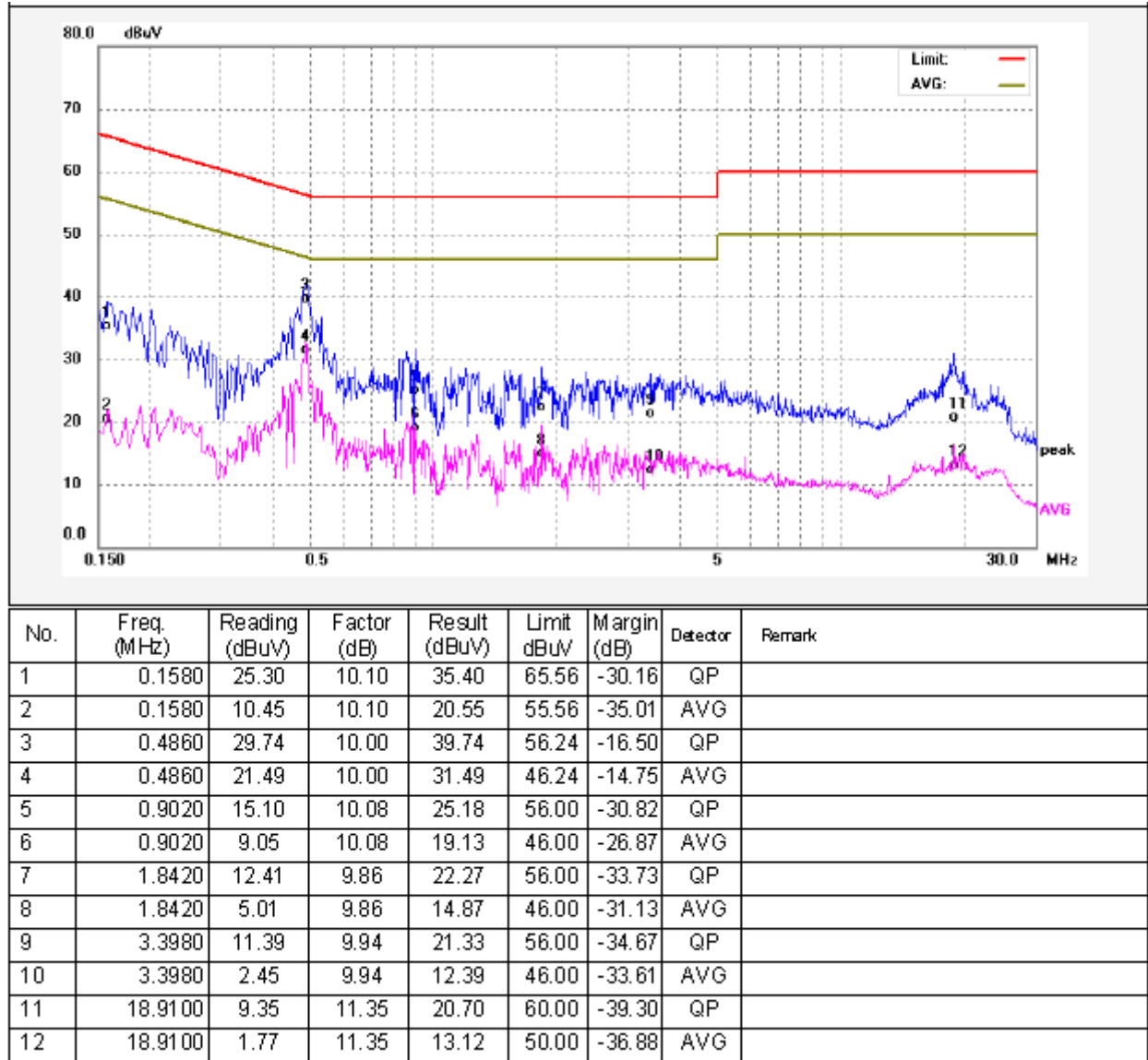
8.3 Measurement Description

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.

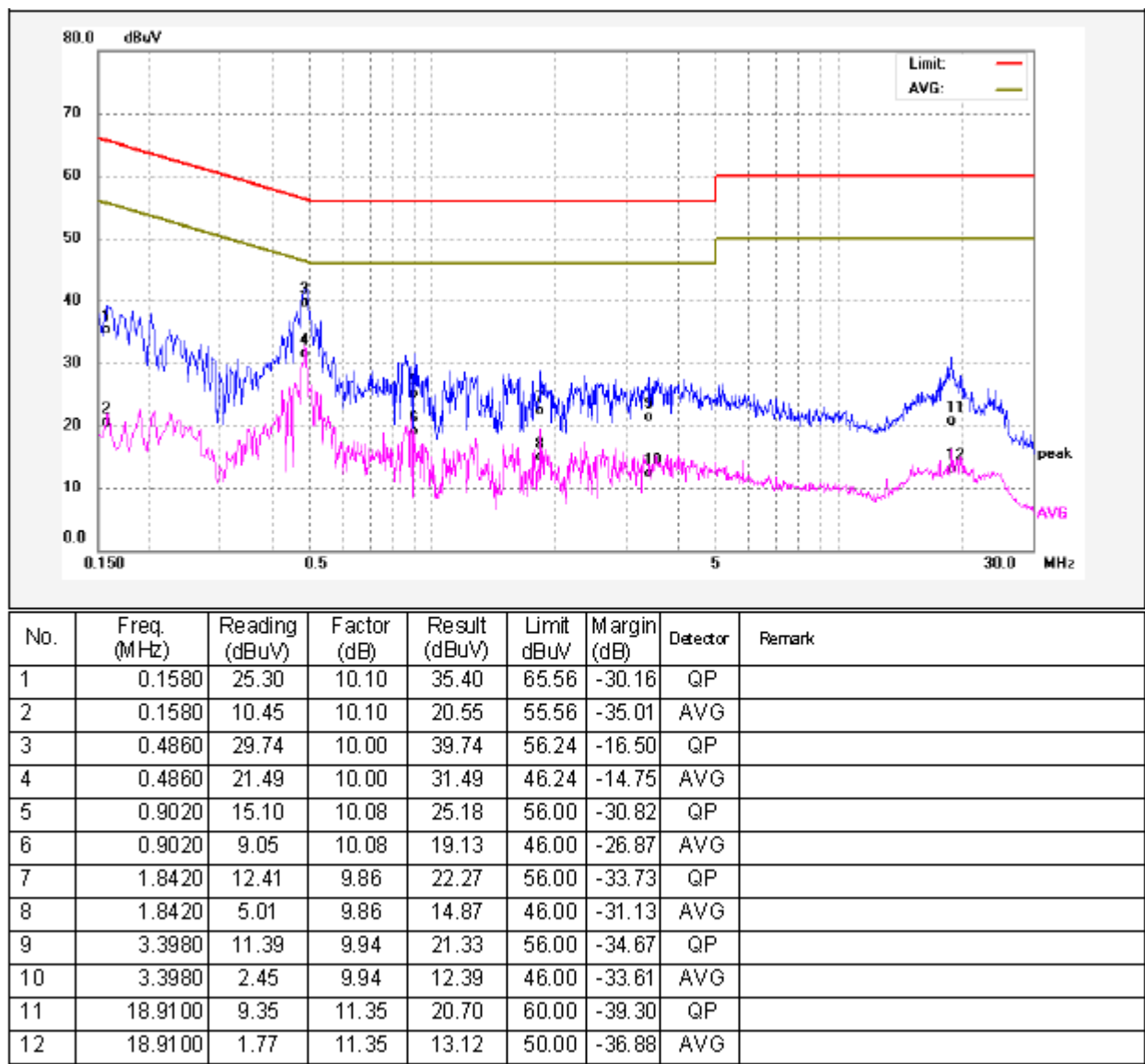
8.4 Conducted Emission Test Result

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+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	$2400/F(\text{kHz})$	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: 23.5 °C

Humidity: 52.1 % RH

Atmospheric Pressure: 101.2kPa

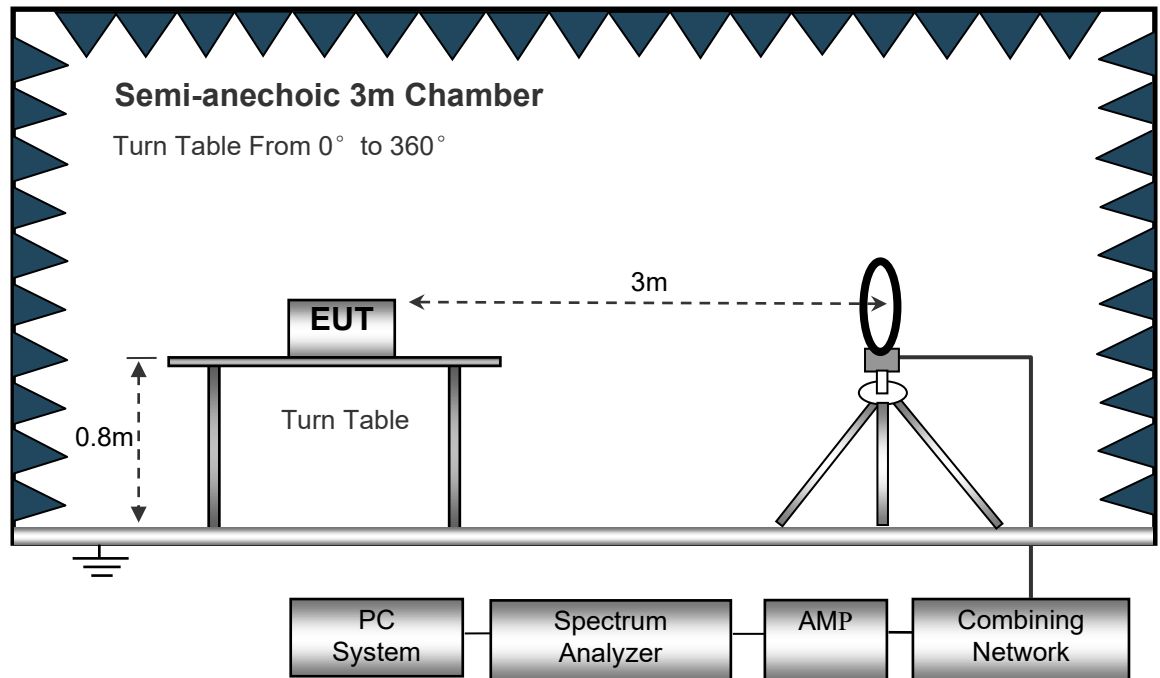
EUT Operation :

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

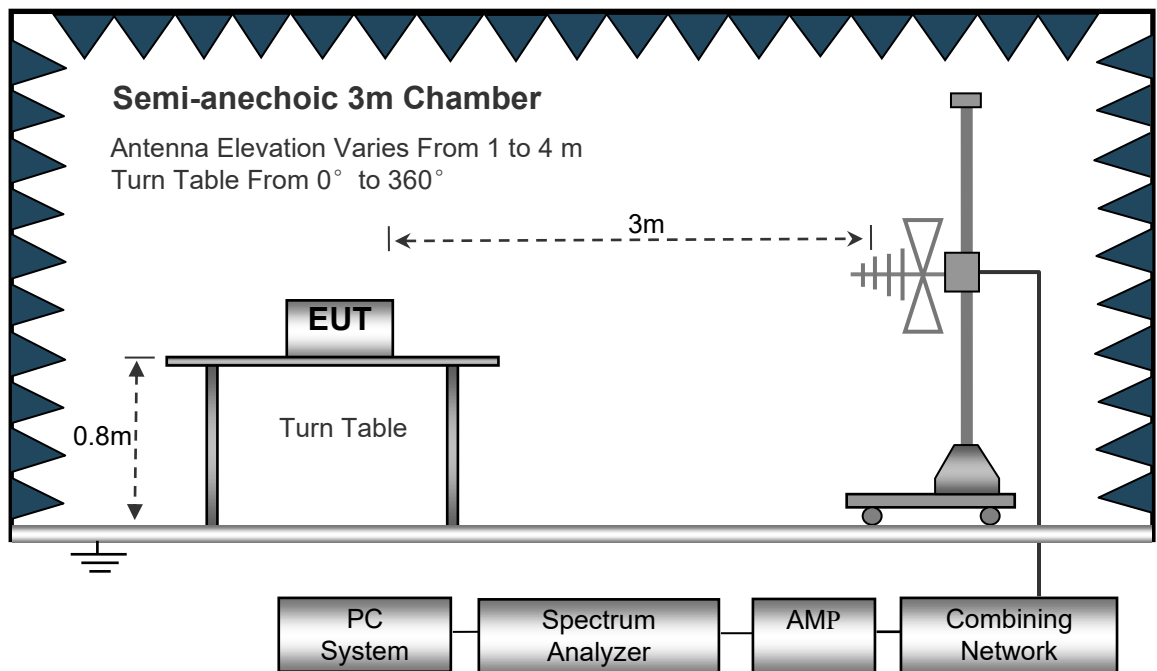
9.2 Test Setup

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

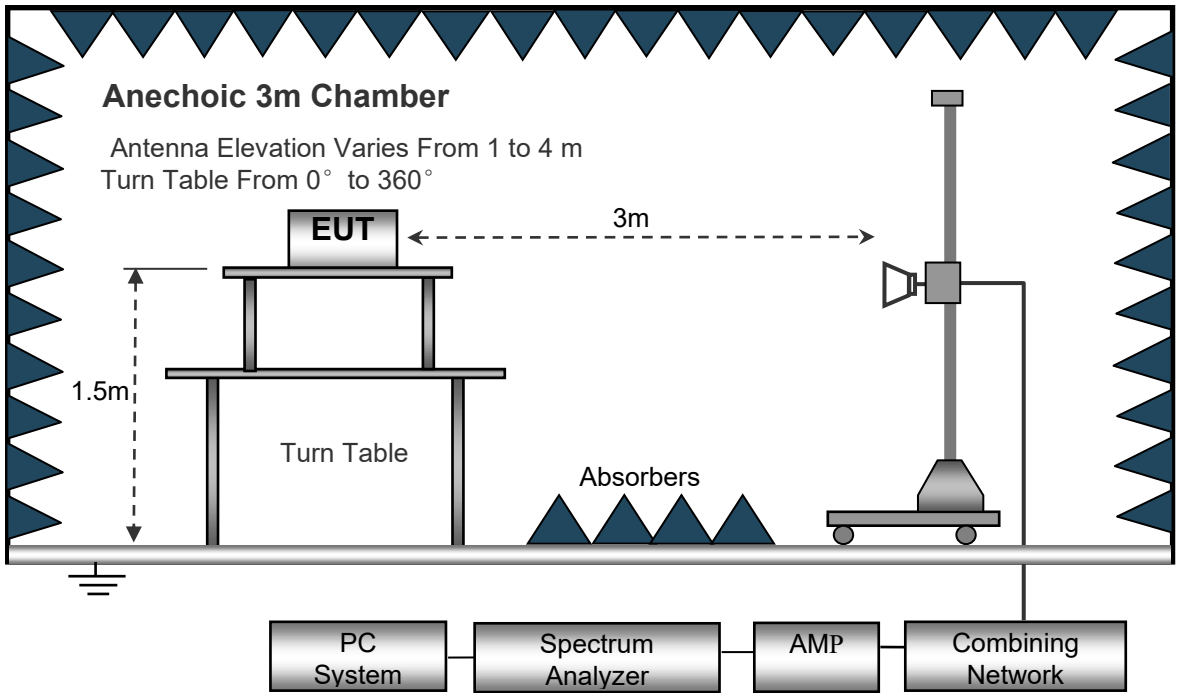
The test setup for emission measurement below 30MHz.



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



The test setup for emission measurement above 1 GHz.



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									
213.55	45.04	QP	57	1.5	H	-11.62	33.42	43.50	-10.08
213.55	43.74	QP	24	1.2	V	-11.62	32.12	43.50	-11.38
4522.64	59.11	PK	302	1.9	H	-2.03	57.08	74.00	-16.92
4522.64	43.74	Ave	302	1.9	H	-2.03	41.71	54.00	-12.29
5136.93	49.30	PK	86	1.5	H	-1.02	48.28	74.00	-25.72
5136.93	39.77	Ave	86	1.5	H	-1.02	38.75	54.00	-15.25
10360.00	41.52	PK	160	1.4	H	5.33	46.85	74.00	-27.15
10360.00	29.27	Ave	160	1.4	H	5.33	34.60	54.00	-19.40
802.11a U-NII-1 Middle channel 5200MHz									
213.55	44.93	QP	273	1.2	H	-11.62	33.31	43.50	-10.19
213.55	43.49	QP	28	1.7	V	-11.62	31.87	43.50	-11.63
4520.30	57.66	PK	347	1.9	H	-1.94	55.72	74.00	-18.28
4520.30	42.67	Ave	347	1.9	H	-1.94	40.73	54.00	-13.27
5122.66	48.81	PK	97	1.9	H	-1.06	47.75	74.00	-26.25
5122.66	39.31	Ave	97	1.9	H	-1.06	38.25	54.00	-15.75
10400.00	40.22	PK	32	1.9	H	5.21	45.43	74.00	-28.57
10400.00	29.15	Ave	32	1.9	H	5.21	34.36	54.00	-19.64

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)
802.11a U-NII-1 High channel 5240MHz									
213.55	44.17	QP	350	2.0	H	-11.62	32.55	43.50	-10.95
213.55	43.48	QP	61	1.9	V	-11.62	31.86	43.50	-11.64
4505.46	57.49	PK	126	1.5	H	-2.24	55.25	74.00	-18.75
4505.46	41.91	Ave	126	1.5	H	-2.24	39.67	54.00	-14.33
5126.86	48.10	PK	62	1.3	H	-1.09	47.01	74.00	-26.99
5126.86	39.76	Ave	62	1.3	H	-1.09	38.67	54.00	-15.33
10480.00	41.43	PK	54	2.0	H	5.14	46.57	74.00	-27.43
10480.00	28.45	Ave	54	2.0	H	5.14	33.59	54.00	-20.41
802.11a U-NII-2A Low Channel 5260MHz									
213.55	43.21	QP	186	1.9	H	-11.62	31.59	43.50	-11.91
213.55	42.79	QP	253	1.9	V	-11.62	31.17	43.50	-12.33
4510.03	55.38	PK	70	1.8	H	-2.03	53.35	74.00	-20.65
4510.03	40.76	Ave	70	1.8	H	-2.03	38.73	54.00	-15.27
5138.20	52.89	PK	269	1.4	H	-1.02	51.87	74.00	-22.13
5138.20	39.08	Ave	269	1.4	H	-1.02	38.06	54.00	-15.94
10520.00	41.49	PK	211	2.0	H	5.33	46.82	74.00	-27.18
10520.00	32.98	Ave	211	2.0	H	5.33	38.31	54.00	-15.69

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									
213.55	42.56	QP	0	1.7	H	-11.62	30.94	43.50	-12.56
213.55	41.95	QP	153	1.9	V	-11.62	30.33	43.50	-13.17
4536.95	54.44	PK	307	1.4	H	-1.94	52.50	74.00	-21.50
4536.95	40.36	Ave	307	1.4	H	-1.94	38.42	54.00	-15.58
5116.75	52.33	PK	75	1.1	H	-1.06	51.27	74.00	-22.73
5116.75	39.37	Ave	75	1.1	H	-1.06	38.31	54.00	-15.69
10560.00	40.76	PK	235	1.9	H	5.21	45.97	74.00	-28.03
10560.00	31.51	Ave	235	1.9	H	5.21	36.72	54.00	-17.28
802.11a U-NII-2A High channel 5320MHz									
213.55	41.85	QP	6	1.2	H	-11.62	30.23	43.50	-13.27
213.55	41.62	QP	14	1.1	V	-11.62	30.00	43.50	-13.50
4535.60	53.70	PK	281	1.4	H	-2.24	51.46	74.00	-22.54
4535.60	38.91	Ave	281	1.4	H	-2.24	36.67	54.00	-17.33
5119.17	51.35	PK	62	2.0	H	-1.09	50.26	74.00	-23.74
5119.17	38.45	Ave	62	2.0	H	-1.09	37.36	54.00	-16.64
10640.00	40.21	PK	233	1.5	H	5.14	45.35	74.00	-28.65
10640.00	31.78	Ave	233	1.5	H	5.14	36.92	54.00	-17.08

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									
213.55	41.43	QP	97	1.4	H	-11.62	29.81	43.50	-13.69
213.55	45.49	QP	306	1.8	V	-11.62	33.87	43.50	-9.63
4517.52	52.68	PK	185	1.2	H	-2.03	50.65	74.00	-23.35
4517.52	39.77	Ave	185	1.2	H	-2.03	37.74	54.00	-16.26
5139.37	53.86	PK	178	1.5	H	-1.02	52.84	74.00	-21.16
5139.37	38.40	Ave	178	1.5	H	-1.02	37.38	54.00	-16.62
11000.00	41.22	PK	135	1.3	H	5.33	46.55	74.00	-27.45
11000.00	36.88	Ave	135	1.3	H	5.33	42.21	54.00	-11.79
802.11a U-NII-2C Middle channel 5600MHz									
213.55	40.36	QP	343	1.2	H	-11.62	28.74	43.50	-14.76
213.55	45.47	QP	227	2.0	V	-11.62	33.85	43.50	-9.65
4538.06	52.58	PK	64	1.9	H	-1.94	50.64	74.00	-23.36
4538.06	38.92	Ave	64	1.9	H	-1.94	36.98	54.00	-17.02
5118.91	53.30	PK	137	1.6	H	-1.06	52.24	74.00	-21.76
5118.91	37.65	Ave	137	1.6	H	-1.06	36.59	54.00	-17.41
11200.00	39.99	PK	184	2.0	H	5.21	45.20	74.00	-28.80
11200.00	36.21	Ave	184	2.0	H	5.21	41.42	54.00	-12.58

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-2C High channel 5700MHz									
213.55	39.89	QP	116	1.1	H	-11.62	28.27	43.50	-15.23
213.55	45.10	QP	158	1.4	V	-11.62	33.48	43.50	-10.02
4510.63	52.33	PK	230	1.9	H	-2.24	50.09	74.00	-23.91
4510.63	38.64	Ave	230	1.9	H	-2.24	36.40	54.00	-17.60
5127.09	53.44	PK	305	1.4	H	-1.09	52.35	74.00	-21.65
5127.09	37.99	Ave	305	1.4	H	-1.09	36.90	54.00	-17.10
11400.00	40.91	PK	223	1.2	H	5.14	46.05	74.00	-27.95
11400.00	36.50	Ave	223	1.2	H	5.14	41.64	54.00	-12.36
802.11a U-NII-3 Low Channel 5745MHz									
213.55	43.49	QP	325	1.1	H	-11.62	31.87	43.50	-11.63
213.55	42.54	QP	26	1.2	V	-11.62	30.92	43.50	-12.58
4529.11	56.25	PK	127	1.0	H	-2.06	54.19	74.00	-19.81
4529.11	41.32	Ave	127	1.0	H	-2.06	39.26	54.00	-14.74
5356.47	41.06	PK	209	1.4	H	5.93	46.99	74.00	-27.01
5356.47	28.53	Ave	209	1.4	H	5.93	34.46	54.00	-19.54
11490.00	46.06	PK	246	1.9	H	-1.25	44.81	74.00	-29.19
11490.00	38.26	Ave	246	1.9	H	-1.25	37.01	54.00	-16.99

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									
213.55	42.31	QP	199	1.3	H	-11.62	30.69	43.50	-12.81
213.55	42.31	QP	50	1.2	V	-11.62	30.69	43.50	-12.81
4519.40	55.14	PK	297	1.2	H	-2.03	53.11	74.00	-20.89
4519.40	40.69	Ave	297	1.2	H	-2.03	38.66	54.00	-15.34
5373.10	40.21	PK	16	1.4	H	5.81	46.02	74.00	-27.98
5373.10	28.84	Ave	16	1.4	H	5.81	34.65	54.00	-19.35
11570.00	45.04	PK	312	1.4	H	-1.22	43.82	74.00	-30.18
11570.00	37.83	Ave	312	1.4	H	-1.22	36.61	54.00	-17.39
802.11a U-NII-3 High channel 5825MHz									
213.55	41.54	QP	72	1.8	H	-11.62	29.92	43.50	-13.58
213.55	40.84	QP	264	1.8	V	-11.62	29.22	43.50	-14.28
4504.96	53.75	PK	58	1.9	H	-1.84	51.91	74.00	-22.09
4504.96	39.66	Ave	58	1.9	H	-1.84	37.82	54.00	-16.18
5377.02	41.44	PK	261	1.0	H	5.84	47.28	74.00	-26.72
5377.02	28.00	Ave	261	1.0	H	5.84	33.84	54.00	-20.16
11650.00	45.73	PK	1	1.5	H	-1.30	44.43	74.00	-29.57
11650.00	37.43	Ave	1	1.5	H	-1.30	36.13	54.00	-17.87

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									
213.55	40.59	QP	182	1.8	H	-11.62	28.97	43.50	-14.53
213.55	39.47	QP	161	1.7	V	-11.62	27.85	43.50	-15.65
4507.16	53.33	PK	38	1.4	H	-2.14	51.19	74.00	-22.81
4507.16	39.32	Ave	38	1.4	H	-2.14	37.18	54.00	-16.82
5115.96	45.86	PK	60	1.4	H	-1.06	44.80	74.00	-29.20
5115.96	36.44	Ave	60	1.4	H	-1.06	35.38	54.00	-18.62
10360.00	40.10	PK	301	1.8	H	5.33	45.43	74.00	-28.57
10360.00	29.10	Ave	301	1.8	H	5.33	34.43	54.00	-19.57
802.11n(HT20) U-NII-1 Middle channel 5200MHz									
213.55	40.34	QP	282	1.8	H	-11.62	28.72	43.50	-14.78
213.55	39.26	QP	286	1.3	V	-11.62	27.64	43.50	-15.86
4501.10	52.30	PK	226	1.3	H	-2.12	50.18	74.00	-23.82
4501.10	38.10	Ave	226	1.3	H	-2.12	35.98	54.00	-18.02
5114.73	46.09	PK	105	2.0	H	-1.06	45.03	74.00	-28.97
5114.73	37.99	Ave	105	2.0	H	-1.06	36.93	54.00	-17.07
10400.00	41.13	PK	281	1.3	H	5.21	46.34	74.00	-27.66
10400.00	30.47	Ave	281	1.3	H	5.21	35.68	54.00	-18.32

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)
802.11n(HT20) U-NII-1 High channel 5240MHz									
213.55	41.66	QP	77	1.1	H	-11.62	30.04	43.50	-13.46
213.55	40.47	QP	127	1.5	V	-11.62	28.85	43.50	-14.65
4501.04	51.19	PK	247	1.4	H	-1.96	49.23	74.00	-24.77
4501.04	38.29	Ave	247	1.4	H	-1.96	36.33	54.00	-17.67
5117.95	47.80	PK	187	1.7	H	-1.06	46.74	74.00	-27.26
5117.95	39.37	Ave	187	1.7	H	-1.06	38.31	54.00	-15.69
10480.00	40.69	PK	350	1.5	H	5.14	45.83	74.00	-28.17
10480.00	29.94	Ave	350	1.5	H	5.14	35.08	54.00	-18.92
802.11n(HT20) U-NII-2A Low Channel 5260MHz									
213.55	42.98	QP	55	1.1	H	-11.62	31.36	43.50	-12.14
213.55	43.95	QP	132	1.0	V	-11.62	32.33	43.50	-11.17
4539.07	52.22	PK	265	1.8	H	-2.03	50.19	74.00	-23.81
4539.07	42.36	Ave	265	1.8	H	-2.03	40.33	54.00	-13.67
5127.30	53.56	PK	20	1.3	H	-1.02	52.54	74.00	-21.46
5127.30	37.24	Ave	20	1.3	H	-1.02	36.22	54.00	-17.78
10520.00	43.98	PK	35	1.6	H	5.33	49.31	74.00	-24.69
10520.00	33.20	Ave	35	1.6	H	5.33	38.53	54.00	-15.47

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									
213.55	42.36	QP	133	1.0	H	-11.62	30.74	43.50	-12.76
213.55	44.24	QP	197	1.9	V	-11.62	32.62	43.50	-10.88
4520.12	53.22	PK	30	1.6	H	-1.94	51.28	74.00	-22.72
4520.12	43.66	Ave	30	1.6	H	-1.94	41.72	54.00	-12.28
5121.58	55.37	PK	104	1.8	H	-1.06	54.31	74.00	-19.69
5121.58	36.42	Ave	104	1.8	H	-1.06	35.36	54.00	-18.64
10560.00	43.43	PK	136	1.0	H	5.21	48.64	74.00	-25.36
10560.00	33.15	Ave	136	1.0	H	5.21	38.36	54.00	-15.64
802.11n(HT20) U-NII-2A High channel 5320MHz									
213.55	41.84	QP	73	1.8	H	-11.62	30.22	43.50	-13.28
213.55	43.22	QP	289	1.0	V	-11.62	31.60	43.50	-11.90
4524.23	52.92	PK	181	1.8	H	-2.24	50.68	74.00	-23.32
4524.23	44.02	Ave	181	1.8	H	-2.24	41.78	54.00	-12.22
5115.62	57.21	PK	338	1.3	H	-1.09	56.12	74.00	-17.88
5115.62	36.14	Ave	338	1.3	H	-1.09	35.05	54.00	-18.95
10640.00	44.68	PK	67	1.7	H	5.14	49.82	74.00	-24.18
10640.00	33.64	Ave	67	1.7	H	5.14	38.78	54.00	-15.22

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(HT20) U-NII-2C Low Channel 5500MHz									
213.55	39.13	QP	244	1.1	H	-11.62	27.51	43.50	-15.99
213.55	42.77	QP	279	1.6	V	-11.62	31.15	43.50	-12.35
4506.92	55.87	PK	188	1.3	H	-2.03	53.84	74.00	-20.16
4506.92	33.24	Ave	188	1.3	H	-2.03	31.21	54.00	-22.79
5122.34	48.22	PK	294	1.5	H	-1.02	47.20	74.00	-26.80
5122.34	41.33	Ave	294	1.5	H	-1.02	40.31	54.00	-13.69
11000.00	47.98	PK	235	1.2	H	5.33	53.31	74.00	-20.69
11000.00	31.17	Ave	235	1.2	H	5.33	36.50	54.00	-17.50
802.11n(HT20) U-NII-2C Middle channel 5600MHz									
213.55	40.29	QP	237	1.6	H	-11.62	28.67	43.50	-14.83
213.55	42.50	QP	292	1.5	V	-11.62	30.88	43.50	-12.62
4521.96	55.95	PK	98	1.5	H	-1.94	54.01	74.00	-19.99
4521.96	32.95	Ave	98	1.5	H	-1.94	31.01	54.00	-22.99
5131.41	47.32	PK	344	1.1	H	-1.06	46.26	74.00	-27.74
5131.41	41.22	Ave	344	1.1	H	-1.06	40.16	54.00	-13.84
11200.00	48.98	PK	88	1.1	H	5.21	54.19	74.00	-19.81
11200.00	31.03	Ave	88	1.1	H	5.21	36.24	54.00	-17.76

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									
213.55	41.19	QP	138	1.1	H	-11.62	29.57	43.50	-13.93
213.55	43.52	QP	120	1.5	V	-11.62	31.90	43.50	-11.60
4516.04	55.06	PK	342	1.0	H	-2.24	52.82	74.00	-21.18
4516.04	32.26	Ave	342	1.0	H	-2.24	30.02	54.00	-23.98
5127.47	47.48	PK	161	1.3	H	-1.09	46.39	74.00	-27.61
5127.47	40.27	Ave	161	1.3	H	-1.09	39.18	54.00	-14.82
11400.00	47.46	PK	344	1.7	H	5.14	52.60	74.00	-21.40
11400.00	32.05	Ave	344	1.7	H	5.14	37.19	54.00	-16.81
802.11n(HT20) U-NII-3 Low Channel 5745MHz									
213.55	34.95	QP	158	1.6	H	-11.62	23.33	43.50	-20.17
213.55	38.39	QP	186	1.7	V	-11.62	26.77	43.50	-16.73
4539.48	58.14	PK	213	1.3	H	-2.06	56.08	74.00	-17.92
4539.48	49.17	Ave	213	1.3	H	-2.06	47.11	54.00	-6.89
5357.67	45.51	PK	33	1.6	H	5.93	51.44	74.00	-22.56
5357.67	33.79	Ave	33	1.6	H	5.93	39.72	54.00	-14.28
11490.00	45.98	PK	257	1.7	H	-1.25	44.73	74.00	-29.27
11490.00	37.13	Ave	257	1.7	H	-1.25	35.88	54.00	-18.12

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)
802.11n(HT20) U-NII-3 middle channel 5785MHz									
213.55	34.76	QP	73	1.1	H	-11.62	23.14	43.50	-20.36
213.55	45.47	QP	359	1.5	V	-11.62	33.85	43.50	-9.65
4518.42	56.07	PK	197	1.8	H	-2.03	54.04	74.00	-19.96
4518.42	47.94	Ave	197	1.8	H	-2.03	45.91	54.00	-8.09
5374.12	49.04	PK	195	1.3	H	5.81	54.85	74.00	-19.15
5374.12	40.48	Ave	195	1.3	H	5.81	46.29	54.00	-7.71
11570.00	45.69	PK	346	1.7	H	-1.22	44.47	74.00	-29.53
11570.00	39.98	Ave	346	1.7	H	-1.22	38.76	54.00	-15.24
802.11n(HT20) U-NII-3 High channel 5825MHz									
213.55	35.41	QP	109	1.8	H	-11.62	23.79	43.50	-19.71
213.55	45.53	QP	165	1.2	V	-11.62	33.91	43.50	-9.59
4505.56	57.53	PK	9	1.4	H	-1.84	55.69	74.00	-18.31
4505.56	49.42	Ave	9	1.4	H	-1.84	47.58	54.00	-6.42
5366.19	48.09	PK	349	1.4	H	5.84	53.93	74.00	-20.07
5366.19	40.92	Ave	349	1.4	H	5.84	46.76	54.00	-7.24
11650.00	46.79	PK	243	1.9	H	-1.30	45.49	74.00	-28.51
11650.00	39.14	Ave	243	1.9	H	-1.30	37.84	54.00	-16.16

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)
802.11ac(VHT20) U-NII-1 Low Channel 5180MHz									
213.55	35.67	QP	164	1.9	H	-11.62	24.05	43.50	-19.45
213.55	45.72	QP	26	1.1	V	-11.62	34.10	43.50	-9.40
4532.58	45.40	PK	209	1.3	H	-1.86	43.54	74.00	-30.46
4532.58	37.93	Ave	209	1.3	H	-1.86	36.07	54.00	-17.93
5148.51	40.05	PK	163	1.4	H	-1.06	38.99	74.00	-35.01
5148.51	41.22	Ave	163	1.4	H	-1.06	40.16	54.00	-13.84
10360.00	45.07	PK	47	1.9	H	5.33	50.40	74.00	-23.60
10360.00	38.77	Ave	47	1.9	H	5.33	44.10	54.00	-9.90
802.11ac(VHT20) U-NII-1 Middle channel 5200MHz									
213.55	36.51	QP	146	1.6	H	-11.62	24.89	43.50	-18.61
213.55	46.45	QP	164	1.1	V	-11.62	34.83	43.50	-8.67
4516.03	45.54	PK	331	1.1	H	-1.82	43.72	74.00	-30.28
4516.03	37.88	Ave	331	1.1	H	-1.82	36.06	54.00	-17.94
5112.83	39.33	PK	76	1.9	H	-1.06	38.27	74.00	-35.73
5112.83	41.66	Ave	76	1.9	H	-1.06	40.60	54.00	-13.40
10400.00	42.73	PK	281	1.9	H	5.21	47.94	74.00	-26.06
10400.00	29.83	Ave	281	1.9	H	5.21	35.04	54.00	-18.96

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)
802.11ac(VHT20) U-NII-1 High channel 5240MHz									
213.55	37.34	QP	97	1.6	H	-11.62	25.72	43.50	-17.78
213.55	46.61	QP	164	2.0	V	-11.62	34.99	43.50	-8.51
4519.03	45.69	PK	153	1.2	H	-1.81	43.88	74.00	-30.12
4519.03	37.95	Ave	153	1.2	H	-1.81	36.14	54.00	-17.86
5139.97	40.05	PK	44	2.0	H	-1.06	38.99	74.00	-35.01
5139.97	41.90	Ave	44	2.0	H	-1.06	40.84	54.00	-13.16
10480.00	41.11	PK	59	1.3	H	5.14	46.25	74.00	-27.75
10480.00	29.59	Ave	59	1.3	H	5.14	34.73	54.00	-19.27
802.11ac(VHT20) U-NII-2A Low Channel 5260MHz									
213.55	36.88	QP	79	2.0	H	-11.62	25.26	43.50	-18.24
213.55	39.67	QP	171	1.1	V	-11.62	28.05	43.50	-15.45
4523.69	40.78	PK	84	1.7	H	-2.03	38.75	74.00	-35.25
4523.69	28.47	Ave	84	1.7	H	-2.03	26.44	54.00	-27.56
5119.74	47.44	PK	273	1.4	H	-1.02	46.42	74.00	-27.58
5119.74	38.61	Ave	273	1.4	H	-1.02	37.59	54.00	-16.41
10520.00	38.35	PK	229	1.5	H	5.33	43.68	74.00	-30.32
10520.00	36.41	Ave	229	1.5	H	5.33	41.74	54.00	-12.26

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									
213.55	38.09	QP	230	1.7	H	-11.62	26.47	43.50	-17.03
213.55	41.08	QP	233	1.7	V	-11.62	29.46	43.50	-14.04
4503.53	41.63	PK	88	1.5	H	-1.94	39.69	74.00	-34.31
4503.53	29.58	Ave	88	1.5	H	-1.94	27.64	54.00	-26.36
5130.64	46.83	PK	250	1.1	H	-1.06	45.77	74.00	-28.23
5130.64	37.71	Ave	250	1.1	H	-1.06	36.65	54.00	-17.35
10560.00	38.75	PK	88	1.7	H	5.21	43.96	74.00	-30.04
10560.00	37.16	Ave	88	1.7	H	5.21	42.37	54.00	-11.63
802.11ac(VHT20) U-NII-2A High channel 5320MHz									
213.55	38.13	QP	182	1.6	H	-11.62	26.51	43.50	-16.99
213.55	41.16	QP	222	1.2	V	-11.62	29.54	43.50	-13.96
4536.71	41.45	PK	304	1.7	H	-2.24	39.21	74.00	-34.79
4536.71	28.08	Ave	304	1.7	H	-2.24	25.84	54.00	-28.16
5134.61	47.22	PK	29	1.1	H	-1.09	46.13	74.00	-27.87
5134.61	39.33	Ave	29	1.1	H	-1.09	38.24	54.00	-15.76
10640.00	39.65	PK	94	1.7	H	5.14	44.79	74.00	-29.21
10640.00	37.36	Ave	94	1.7	H	5.14	42.50	54.00	-11.50

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)
802.11ac(VHT20) U-NII-2C Low Channel 5500MHz									
213.55	37.74	QP	167	1.5	H	-11.62	26.12	43.50	-17.38
213.55	40.86	QP	172	1.5	V	-11.62	29.24	43.50	-14.26
4539.08	38.38	PK	121	1.3	H	-2.03	36.35	74.00	-37.65
4539.08	37.39	Ave	121	1.3	H	-2.03	35.36	54.00	-18.64
5137.41	46.29	PK	220	1.6	H	-1.02	45.27	74.00	-28.73
5137.41	40.53	Ave	220	1.6	H	-1.02	39.51	54.00	-14.49
11000.00	39.25	PK	182	1.8	H	5.33	44.58	74.00	-29.42
11000.00	38.09	Ave	182	1.8	H	5.33	43.42	54.00	-10.58
802.11ac(VHT20) U-NII-2C Middle channel 5600MHz									
213.55	38.82	QP	144	1.2	H	-11.62	27.20	43.50	-16.30
213.55	39.58	QP	159	1.7	V	-11.62	27.96	43.50	-15.54
4537.88	39.09	PK	76	1.4	H	-1.94	37.15	74.00	-36.85
4537.88	37.14	Ave	76	1.4	H	-1.94	35.20	54.00	-18.80
5143.28	47.15	PK	136	1.4	H	-1.06	46.09	74.00	-27.91
5143.28	40.23	Ave	136	1.4	H	-1.06	39.17	54.00	-14.83
11200.00	39.44	PK	202	1.6	H	5.21	44.65	74.00	-29.35
11200.00	38.56	Ave	202	1.6	H	5.21	43.77	54.00	-10.23

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									
213.55	38.26	QP	153	1.3	H	-11.62	26.64	43.50	-16.86
213.55	39.96	QP	39	1.1	V	-11.62	28.34	43.50	-15.16
4501.55	39.04	PK	19	1.4	H	-2.24	36.80	74.00	-37.20
4501.55	36.97	Ave	19	1.4	H	-2.24	34.73	54.00	-19.27
5126.66	47.59	PK	4	2.0	H	-1.09	46.50	74.00	-27.50
5126.66	40.88	Ave	4	2.0	H	-1.09	39.79	54.00	-14.21
11400.00	37.94	PK	28	1.2	H	5.14	43.08	74.00	-30.92
11400.00	37.74	Ave	28	1.2	H	5.14	42.88	54.00	-11.12
802.11ac(VHT20) U-NII-3 Low Channel 5745MHz									
213.55	32.08	QP	203	1.2	H	-11.62	20.46	43.50	-23.04
213.55	40.64	QP	264	1.5	V	-11.62	29.02	43.50	-14.48
4518.37	44.41	PK	316	1.1	H	-1.92	42.49	74.00	-31.51
4518.37	34.59	Ave	316	1.1	H	-1.92	32.67	54.00	-21.33
5362.74	39.47	PK	253	1.1	H	5.93	45.40	74.00	-28.60
5362.74	26.88	Ave	253	1.1	H	5.93	32.81	54.00	-21.19
11490.00	46.53	PK	139	1.5	H	-1.03	45.50	74.00	-28.50
11490.00	39.99	Ave	139	1.5	H	-1.03	38.96	54.00	-15.04

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)
802.11ac(VHT20) U-NII-3 middle channel 5785MHz									
213.55	32.99	QP	351	1.7	H	-11.62	21.37	43.50	-22.13
213.55	39.82	QP	163	1.3	V	-11.62	28.20	43.50	-15.30
4506.78	45.32	PK	273	1.4	H	-1.97	43.35	74.00	-30.65
4506.78	34.83	Ave	273	1.4	H	-1.97	32.86	54.00	-21.14
5350.31	41.23	PK	144	1.2	H	5.81	47.04	74.00	-26.96
5350.31	28.96	Ave	144	1.2	H	5.81	34.77	54.00	-19.23
11570.00	46.32	PK	55	1.2	H	-1.05	45.27	74.00	-28.73
11570.00	39.08	Ave	55	1.2	H	-1.05	38.03	54.00	-15.97
802.11ac(VHT20) U-NII-3 High channel 5825MHz									
213.55	33.52	QP	144	1.7	H	-11.62	21.90	43.50	-21.60
213.55	40.59	QP	173	1.8	V	-11.62	28.97	43.50	-14.53
4508.00	45.76	PK	74	1.5	H	-1.88	43.88	74.00	-30.12
4508.00	34.00	Ave	74	1.5	H	-1.88	32.12	54.00	-21.88
5383.40	40.22	PK	327	1.3	H	5.84	46.06	74.00	-27.94
5383.40	29.58	Ave	327	1.3	H	5.84	35.42	54.00	-18.58
11650.00	46.32	PK	112	1.2	H	-1.06	45.26	74.00	-28.74
11650.00	37.35	Ave	112	1.2	H	-1.06	36.29	54.00	-17.71

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)
802.11n(HT40) U-NII-1 Low Channel 5190MHz									
213.55	34.99	QP	232	1.3	H	-11.62	23.37	43.50	-20.13
213.55	40.91	QP	262	2.0	V	-11.62	29.29	43.50	-14.21
4507.86	56.60	PK	254	1.4	H	-1.89	54.71	74.00	-19.29
4507.86	38.23	Ave	254	1.4	H	-1.89	36.34	54.00	-17.66
5112.88	46.03	PK	175	1.9	H	-1.06	44.97	74.00	-29.03
5112.88	39.90	Ave	175	1.9	H	-1.06	38.84	54.00	-15.16
10380.00	39.48	PK	107	1.8	H	5.26	44.74	74.00	-29.26
10380.00	27.16	Ave	107	1.8	H	5.26	32.42	54.00	-21.58
802.11n(HT40) U-NII-1 High channel 5230MHz									
213.55	35.17	QP	183	1.0	H	-11.62	23.55	43.50	-19.95
213.55	40.06	QP	154	2.0	V	-11.62	28.44	43.50	-15.06
4519.37	57.55	PK	198	1.8	H	-1.94	55.61	74.00	-18.39
4519.37	38.82	Ave	198	1.8	H	-1.94	36.88	54.00	-17.12
5139.92	46.59	PK	219	1.9	H	-1.06	45.53	74.00	-28.47
5139.92	40.24	Ave	219	1.9	H	-1.06	39.18	54.00	-14.82
10460.00	40.38	PK	284	1.5	H	5.28	45.66	74.00	-28.34
10460.00	29.95	Ave	284	1.5	H	5.28	35.23	54.00	-18.77

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									
213.55	35.35	QP	257	2.0	H	-11.62	23.73	43.50	-19.77
213.55	40.46	QP	155	1.7	V	-11.62	28.84	43.50	-14.66
4538.13	52.38	PK	205	2.0	H	-1.89	50.49	74.00	-23.51
4538.13	39.92	Ave	205	2.0	H	-1.89	38.03	54.00	-15.97
5131.16	47.19	PK	247	1.4	H	-1.06	46.13	74.00	-27.87
5131.16	37.34	Ave	247	1.4	H	-1.06	36.28	54.00	-17.72
10540.00	46.00	PK	37	1.1	H	5.26	51.26	74.00	-22.74
10540.00	37.77	Ave	37	1.1	H	5.26	43.03	54.00	-10.97
802.11n(HT40) U-NII-2A High channel 5310MHz									
213.55	36.22	QP	172	1.3	H	-11.62	24.60	43.50	-18.90
213.55	40.93	QP	241	1.7	V	-11.62	29.31	43.50	-14.19
4512.17	52.24	PK	90	1.9	H	-1.94	50.30	74.00	-23.70
4512.17	40.18	Ave	90	1.9	H	-1.94	38.24	54.00	-15.76
5143.77	48.34	PK	59	1.9	H	-1.06	47.28	74.00	-26.72
5143.77	39.00	Ave	59	1.9	H	-1.06	37.94	54.00	-16.06
10620.00	40.16	PK	324	1.9	H	5.28	45.44	74.00	-28.56
10620.00	29.13	Ave	324	1.9	H	5.28	34.41	54.00	-19.59

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)
802.11n(HT40) U-NII-2C Low Channel 5510MHz									
213.55	35.70	QP	144	1.3	H	-11.62	24.08	43.50	-19.42
213.55	40.66	QP	148	1.7	V	-11.62	29.04	43.50	-14.46
4517.46	49.37	PK	339	2.0	H	-1.89	47.48	74.00	-26.52
4517.46	38.75	Ave	339	2.0	H	-1.89	36.86	54.00	-17.14
5142.53	54.91	PK	227	1.8	H	-1.06	53.85	74.00	-20.15
5142.53	36.83	Ave	227	1.8	H	-1.06	35.77	54.00	-18.23
11020.00	41.25	PK	223	1.2	H	5.26	46.51	74.00	-27.49
11020.00	36.50	Ave	223	1.2	H	5.26	41.76	54.00	-12.24
802.11n(HT40) U-NII-2C Middle channel 5550MHz									
213.55	35.28	QP	98	1.3	H	-11.62	23.66	43.50	-19.84
213.55	39.89	QP	222	1.9	V	-11.62	28.27	43.50	-15.23
4504.50	48.56	PK	231	1.6	H	-1.94	46.62	74.00	-27.38
4504.50	37.82	Ave	231	1.6	H	-1.94	35.88	54.00	-18.12
5125.31	56.49	PK	191	1.0	H	-1.06	55.43	74.00	-18.57
5125.31	36.42	Ave	191	1.0	H	-1.06	35.36	54.00	-18.64
11100.00	45.08	PK	66	1.2	H	5.28	50.36	74.00	-23.64
11100.00	38.69	Ave	66	1.2	H	5.28	43.97	54.00	-10.03
802.11n(HT40) U-NII-2C High channel 5670MHz									
213.55	35.41	QP	295	1.4	H	-11.62	23.79	43.50	-19.71
213.55	40.70	QP	241	1.0	V	-11.62	29.08	43.50	-14.42
4538.21	49.54	PK	221	1.1	H	-1.94	47.60	74.00	-26.40
4538.21	37.18	Ave	221	1.1	H	-1.94	35.24	54.00	-18.76
5128.61	58.06	PK	201	1.4	H	-1.06	57.00	74.00	-17.00
5128.61	37.83	Ave	201	1.4	H	-1.06	36.77	54.00	-17.23
11340.00	41.16	PK	219	1.2	H	5.28	46.44	74.00	-27.56
11340.00	34.17	Ave	219	1.2	H	5.28	39.45	54.00	-14.55

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									
213.55	34.93	QP	174	1.5	H	-11.62	23.31	43.50	-20.19
213.55	40.88	QP	61	1.5	V	-11.62	29.26	43.50	-14.24
4523.70	55.90	PK	193	1.6	H	-1.96	53.94	74.00	-20.06
4523.70	37.35	Ave	193	1.6	H	-1.96	35.39	54.00	-18.61
5359.03	38.12	PK	253	1.5	H	5.88	44.00	74.00	-30.00
5359.03	27.47	Ave	253	1.5	H	5.88	33.35	54.00	-20.65
11510.00	45.49	PK	242	1.2	H	-1.01	44.48	74.00	-29.52
11510.00	39.66	Ave	242	1.2	H	-1.01	38.65	54.00	-15.35
802.11n(HT40) U-NII-3 High Channel 5795MHz									
213.55	26.90	QP	109	1.9	H	-11.62	15.28	43.50	-28.22
213.55	38.80	QP	283	1.9	V	-11.62	27.18	43.50	-16.32
4507.14	48.76	PK	153	1.9	H	-1.92	46.84	74.00	-27.16
4507.14	37.90	Ave	153	1.9	H	-1.92	35.98	54.00	-18.02
5364.91	40.59	PK	33	1.5	H	5.63	46.22	74.00	-27.78
5364.91	30.01	Ave	33	1.5	H	5.63	35.64	54.00	-18.36
11590.00	46.52	PK	352	1.4	H	-1.04	45.48	74.00	-28.52
11590.00	37.06	Ave	352	1.4	H	-1.04	36.02	54.00	-17.98

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									
213.55	25.47	QP	267	1.8	H	-11.62	13.85	43.50	-29.65
213.55	39.06	QP	341	1.2	V	-11.62	27.44	43.50	-16.06
4510.84	46.44	PK	78	1.4	H	-1.91	44.53	74.00	-29.47
4510.84	35.61	Ave	78	1.4	H	-1.91	33.70	54.00	-20.30
5142.07	45.86	PK	162	1.1	H	-1.06	44.80	74.00	-29.20
5142.07	37.87	Ave	162	1.1	H	-1.06	36.81	54.00	-17.19
10380.00	39.81	PK	145	1.0	H	5.26	45.07	74.00	-28.93
10380.00	26.81	Ave	145	1.0	H	5.26	32.07	54.00	-21.93
802.11ac(VHT40) U-NII-1 High channel 5230MHz									
213.55	24.66	QP	180	2.0	H	-11.62	13.04	43.50	-30.46
213.55	39.46	QP	26	1.7	V	-11.62	27.84	43.50	-15.66
4539.28	46.41	PK	358	1.1	H	-1.93	44.48	74.00	-29.52
4539.28	34.63	Ave	358	1.1	H	-1.93	32.70	54.00	-21.30
5110.74	46.05	PK	225	2.0	H	-1.06	44.99	74.00	-29.01
5110.74	37.26	Ave	225	2.0	H	-1.06	36.20	54.00	-17.80
10460.00	42.04	PK	328	1.2	H	5.28	47.32	74.00	-26.68
10460.00	29.05	Ave	328	1.2	H	5.28	34.33	54.00	-19.67

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									
213.55	23.66	QP	322	1.7	H	-11.62	12.04	43.50	-31.46
213.55	37.41	QP	25	1.3	V	-11.62	25.79	43.50	-17.71
4539.13	42.47	PK	187	1.4	H	-1.89	40.58	74.00	-33.42
4539.13	29.56	Ave	187	1.4	H	-1.89	27.67	54.00	-26.33
5140.82	45.86	PK	236	1.1	H	-1.06	44.80	74.00	-29.20
5140.82	39.15	Ave	236	1.1	H	-1.06	38.09	54.00	-15.91
10540.00	38.90	PK	172	1.1	H	5.26	44.16	74.00	-29.84
10540.00	30.67	Ave	172	1.1	H	5.26	35.93	54.00	-18.07
802.11ac(VHT40) U-NII-2A High channel 5310MHz									
213.55	23.17	QP	54	1.5	H	-11.62	11.55	43.50	-31.95
213.55	38.15	QP	316	1.1	V	-11.62	26.53	43.50	-16.97
4510.77	41.93	PK	272	1.9	H	-1.94	39.99	74.00	-34.01
4510.77	30.13	Ave	272	1.9	H	-1.94	28.19	54.00	-25.81
5134.28	46.53	PK	4	1.1	H	-1.06	45.47	74.00	-28.53
5134.28	39.72	Ave	4	1.1	H	-1.06	38.66	54.00	-15.34
10620.00	39.17	PK	168	1.0	H	5.28	44.45	74.00	-29.55
10620.00	41.99	Ave	168	1.0	H	5.28	47.27	54.00	-6.73