

TEST REPORT

Reference No. : WTD25D03062396W002
FCC ID..... : 2A8WB-AP6398S
Applicant..... : Shenzhen Mindray Animal Medical Technology Co., Ltd.
Address : Room 702, Tower 4, YESUN Intelligent, Community III, No.1301-88
Guangang Road, Shenzhen, China
Manufacturer : Shenzhen Mindray Animal Medical Technology Co., Ltd.
Address : Room 702, Tower 4, YESUN Intelligent, Community III, No.1301-88
Guangang Road, Shenzhen, China
Product..... : Veterinary Digital Detector and Imaging System
Model(s)..... : VetiPad M1 Plus, VetiPad M1
Standards..... : CFR47 FCC Part 15 E Section 15.407
Date of Receipt sample..... : 2025-04-08
Date of Test..... : 2025-04-23 to 2025-05-08
Date of Issue : 2025-06-05
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
WTD25D03062396W002	2025-04-08	2025-04-23 to 2025-05-08	2025-06-05	Original	-	Valid

4 General Information

4.1 General Description of E.U.T.

Product:	Veterinary Digital Detector and Imaging System
Model(s):	VetiPad M1 Plus, VetiPad M1
Model Description:	Only the model's name and external dimension are different. The model VetiPad M1 Plus was tested with all test items. The model VetiPad M1 was tested with CE and RSE.
Wi-Fi Specification:	5G-802.11a/n(HT20/40)/ac(VHT20/40/80)
Hardware Version:	N/A
Software Version:	N/A

4.2 Details of E.U.T.

Operation Frequency:	802.11a/n(HT20)/ac(VHT20): U-NII-1: 5180-5240MHz, U-NII-3: 5745-5825MHz 802.11n(HT40)/ac(VHT40): U-NII-1: 5190-5230MHz, U-NII-3: 5755-5795MHz 802.11ac(VHT80): U-NII-1: 5210MHz, U-NII-3: 5775MHz
Conducted output power:	U-NII-1: ANT 1: 13.07dBm ANT 2: 13.08dBm Total: 15.96dBm U-NII-3: ANT 1: 13.80dBm ANT 2: 14.05dBm Total: 16.94dBm
Type of Modulation:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
Antenna installation:	FPC Antenna
Antenna Gain:	U-NII-1: 2.25dBi U-NII-3: 1.81dBi
Ratings:	DC 11.1V  3800mAh 42.18Wh by Li-ion Battery AC 100-240V~50/60Hz 150VA
DFS Function:	Not support
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-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):

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

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

For 802.11n(HT40)/ac(VHT40):

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

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

For 802.11ac(VHT80):

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

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

4.4 Test Mode Description

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

Test Items	Mode	Data Rate	TX/RX
Radiated Emissions	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)	MCS0	TX
	802.11ac(VHT20/40/80)	MCS0	TX
Duty Cycle	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)	MCS0	TX
	802.11ac(VHT20/40/80)	MCS0	TX
Band Edge	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)	MCS0	TX
	802.11ac(VHT20/40/80)	MCS0	TX
6dB Bandwidth	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)	MCS0	TX
	802.11ac(VHT20/40/80)	MCS0	TX
26dB Bandwidth and 99% Occupied Bandwidth	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)	MCS0	TX
	802.11ac(VHT20/40/80)	MCS0	TX
Conducted Output Power	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)	MCS0	TX
	802.11ac(VHT20/40/80)	MCS0	TX
Power Spectral Density	802.11a(HT20)	6 Mbps	TX
	802.11n(HT20/40)	MCS0	TX
	802.11ac(VHT20/40/80)	MCS0	TX
Frequency Stability	Un-modulation	/	TX

4.5 Test Facility

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

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

Waltek Testing Group Co., Ltd. Has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files. Registration number 7760A, October 15, 2016.

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

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

4.6 Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test Lab: N/A

Lab address: N/A

Test items: N/A

4.7 Abnormalities from Standard Conditions

None.

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	2024-07-18	2025-07-17
2	LISN	R&S	ENV216	100115	2024-07-18	2025-07-17
3	Cable	Top	TYPE16(3.5M)	-	2024-07-18	2025-07-17
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	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)	-	2025-04-19	2026-04-18
5	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	667	2025-01-17	2026-01-16
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	2025-04-19	2026-04-18
9	Microwave Broadband Preamplifier	SCHWARZBECK	BBV 9721	100472	2024-07-18	2025-07-17
10	Spectrum Analyzer	R&S	FSP40	100501	2024-07-18	2025-07-17
11	Coaxial Cable	Top	ZT40-2.92J-2.92J-2.0M	17100919	2024-07-18	2025-07-17
12	Test software	EZ-EMC	RA-03A1-1	-	N/A	N/A
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	2024-11-04	2025-11-03
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	2024-07-18	2025-07-17
2.	EXA Signal Analyzer	Malaysia Keysight	N9010A	MY50520207	2025-04-19	2026-04-18

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)

5.4 Test Equipment Calibration

All the test equipments used are valid and calibrated by CEPREI Certification Body that address is No.110 Dongguan Zhuang RD. Guangzhou, P.R. China.

6 Test Summary

Test Items	Test Requirement	Result
Conducted Emissions	15.207(a) 15.407(b)(9)	PASS
Radiated Emissions	15.407(b) (9) 15.205(a) 15.209(a)	PASS
Duty Cycle	KDB 789033	PASS
6dB Bandwidth	15.407(e)	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)(l)	PASS
Restricted bands around fundamental frequency	15.407(b)	PASS
Frequency stability	15.407(g)	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 Test Results

ANT 1

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	1.386	1.437	0.96	96.45	0.16	-0.31
U-NII-1 802.11n(HT20)	1.296	1.35	0.96	96.00	0.18	-0.35
U-NII-1 802.11n(HT40)	0.614	0.69	0.89	88.99	0.51	-1.01
U-NII-1 802.11ac (VHT20)	1.305	1.359	0.96	96.03	0.18	-0.35
U-NII-1 802.11ac (VHT40)	0.62	0.696	0.89	89.08	0.50	-1.00
U-NII-1 802.11ac (VHT80)	0.289	0.365	0.79	79.18	1.01	-2.03
U-NII-3 802.11a	1.39	1.44	0.97	96.53	0.15	-0.31
U-NII-3 802.11n(HT20)	1.301	1.347	0.97	96.59	0.15	-0.30
U-NII-3 802.11n(HT40)	0.645	0.689	0.94	93.61	0.29	-0.57
U-NII-3 802.11ac (VHT20)	1.316	1.359	0.97	96.84	0.14	-0.28
U-NII-3 802.11ac (VHT40)	0.651	0.697	0.93	93.40	0.30	-0.59
U-NII-3 802.11ac (VHT80)	0.323	0.365	0.88	88.49	0.53	-1.06

ANT 2

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	1.386	1.437	0.96	96.45	0.16	-0.31
U-NII-1 802.11n(HT20)	1.299	1.35	0.96	96.22	0.17	-0.33
U-NII-1 802.11n(HT40)	0.614	0.688	0.89	89.24	0.49	-0.99
U-NII-1 802.11ac (VHT20)	1.305	1.356	0.96	96.24	0.17	-0.33
U-NII-1 802.11ac (VHT40)	0.62	0.696	0.89	89.08	0.50	-1.00
U-NII-1 802.11ac (VHT80)	0.287	0.368	0.78	77.99	1.08	-2.16
U-NII-3 802.11a	1.385	1.44	0.96	96.18	0.17	-0.34
U-NII-3 802.11n(HT20)	1.298	1.344	0.97	96.58	0.15	-0.30
U-NII-3 802.11n(HT40)	0.643	0.687	0.94	93.60	0.29	-0.57
U-NII-3 802.11ac (VHT20)	1.31	1.362	0.96	96.18	0.17	-0.34
U-NII-3 802.11ac (VHT40)	0.651	0.695	0.94	93.67	0.28	-0.57
U-NII-3 802.11ac (VHT80)	0.323	0.365	0.88	88.49	0.53	-1.06

Remark:

Duty cycle=On Time/period;

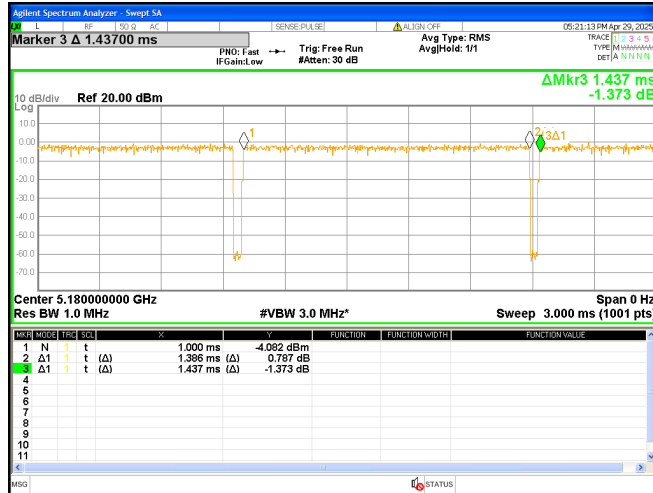
Duty cycle factor= $10 \cdot \log(1/\text{Duty cycle})$;

Average factor= $20 \log_{10} \text{Duty cycle}$

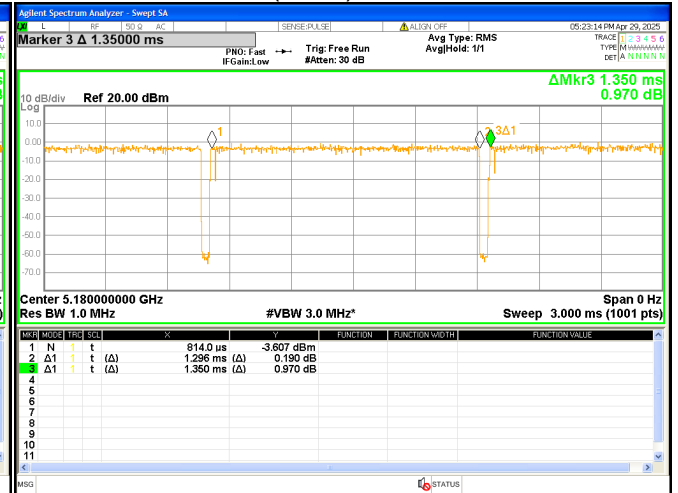
Test result plots shown as follows:

ANT 1 U-NII-1

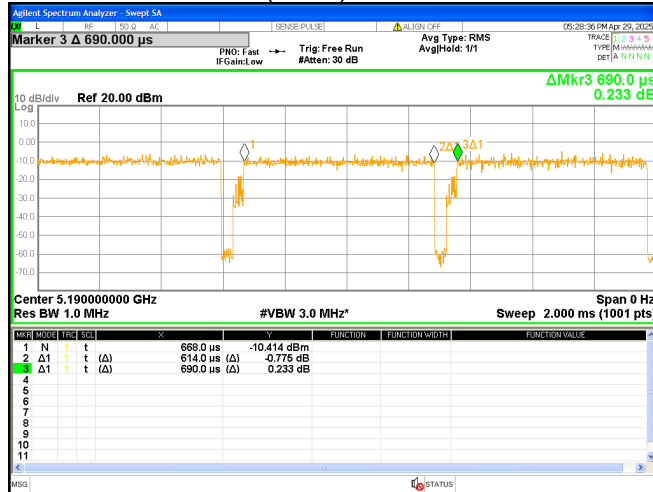
802.11a Low channel



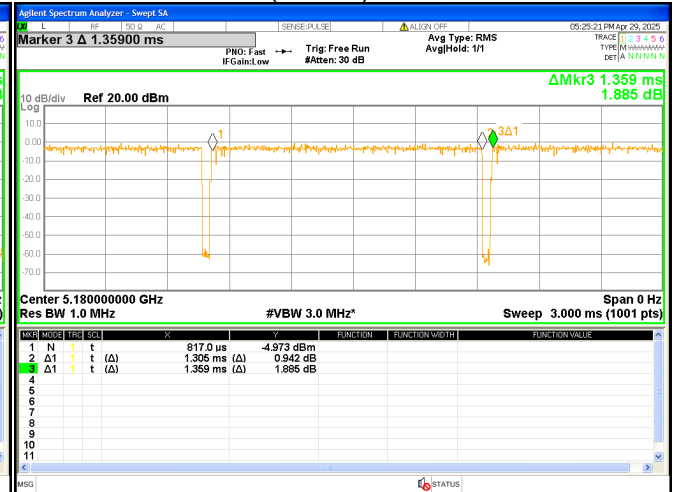
802.11n(HT20) Low channel



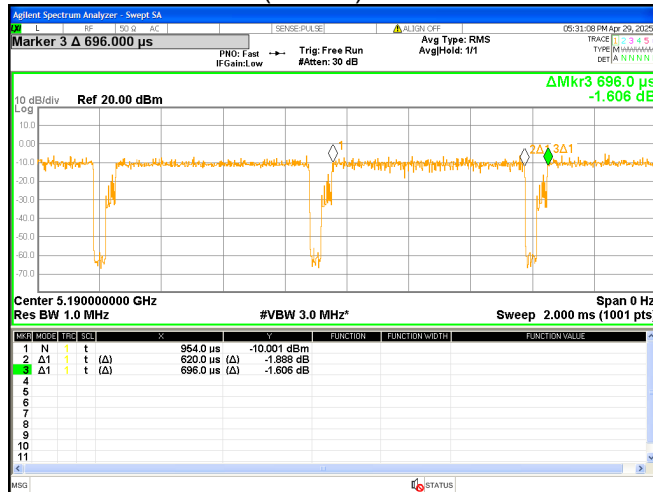
802.11n(HT40) Low channel



802.11ac(VHT20) Low channel



802.11ac(VHT40) Low channel

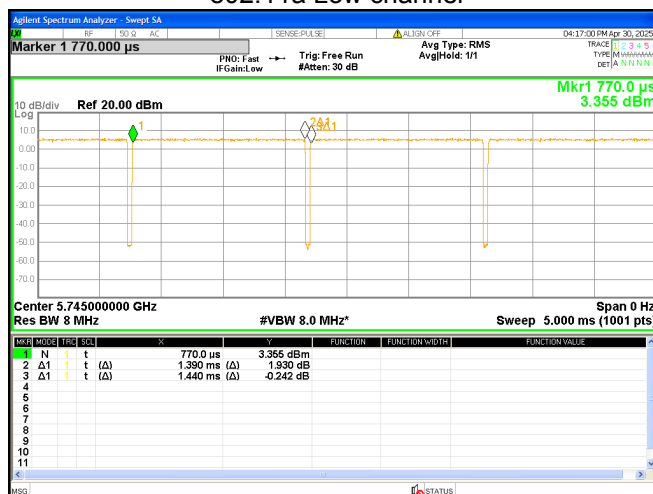


802.11ac(VHT80) Low channel

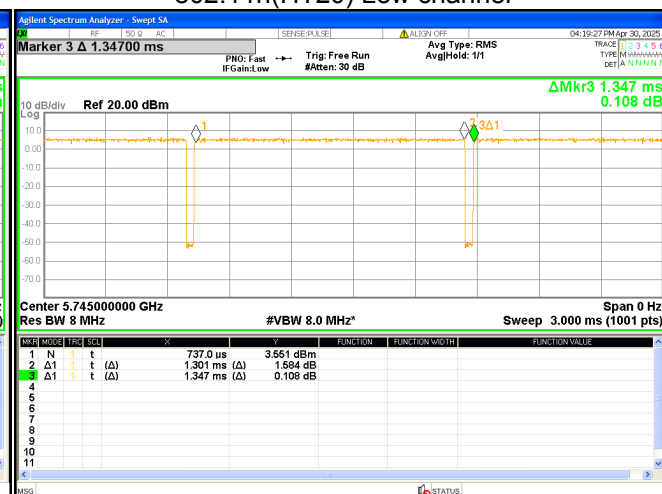


ANT 1 U-NII-3

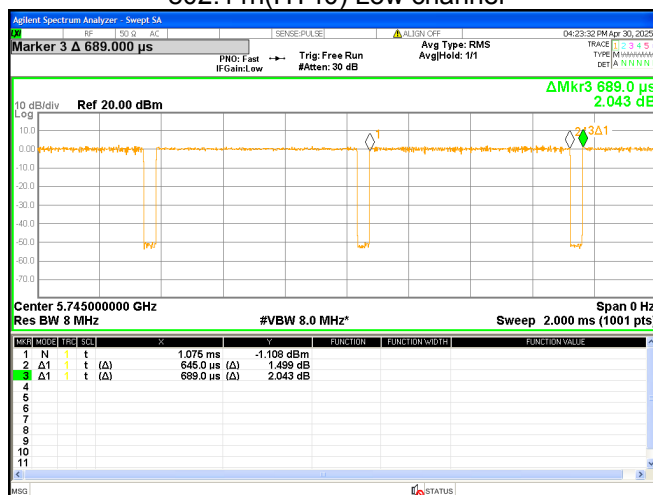
802.11a Low channel



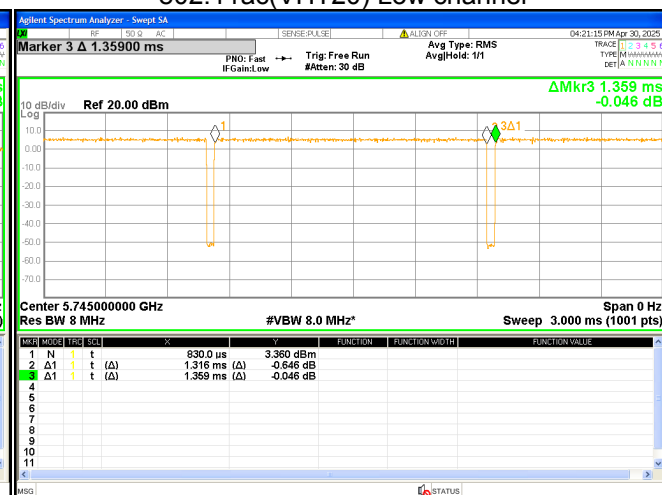
802.11n(HT20) Low channel



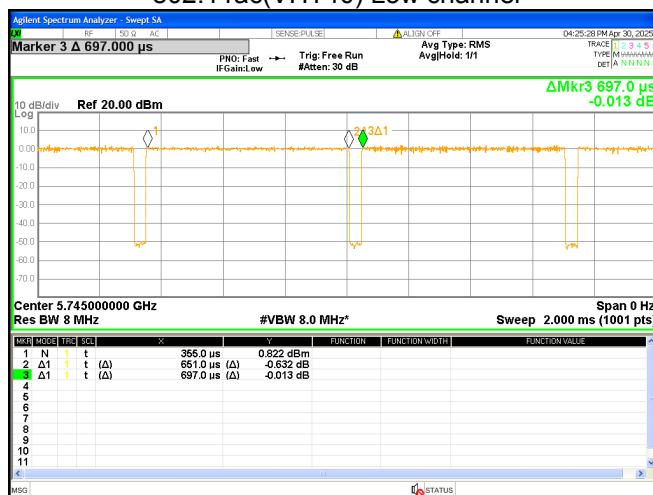
802.11n(HT40) Low channel



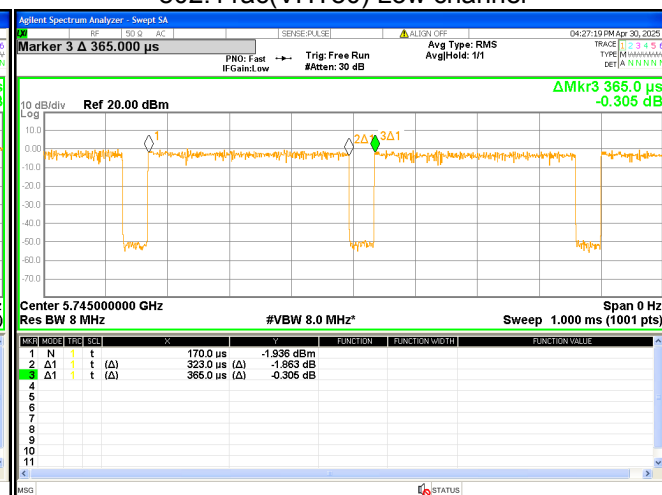
802.11ac(VHT20) Low channel



802.11ac(VHT40) Low channel

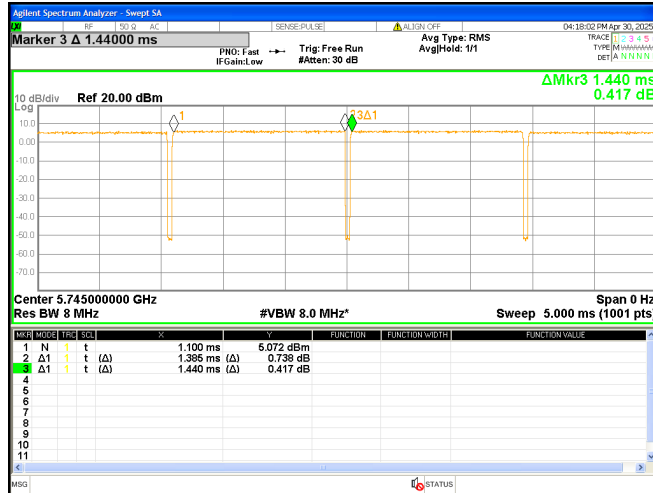


802.11ac(VHT80) Low channel

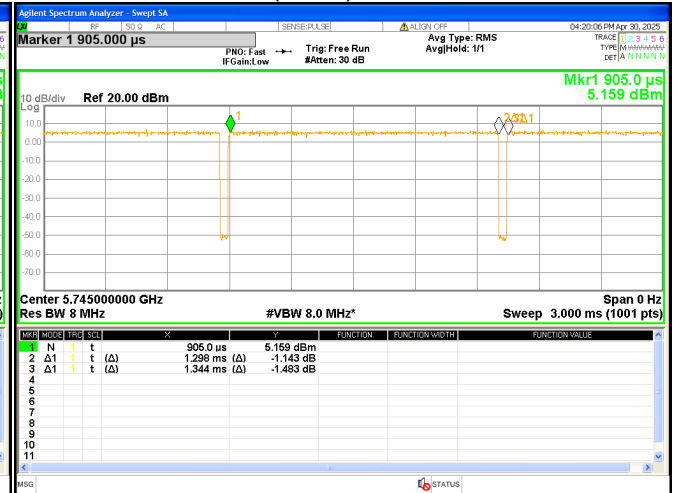


ANT 2 U-NII-1

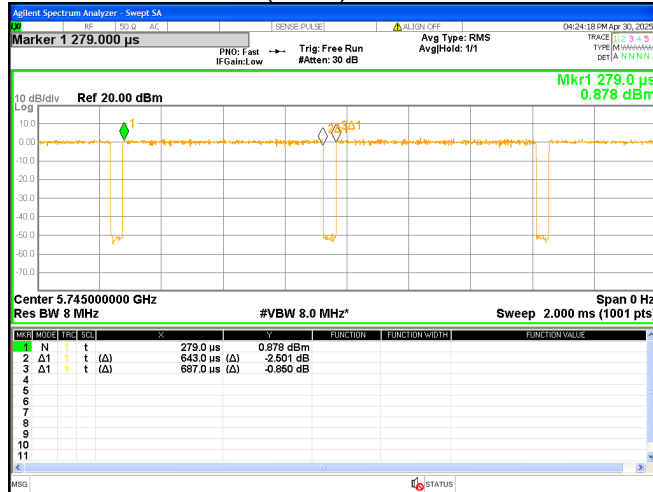
802.11a Low channel



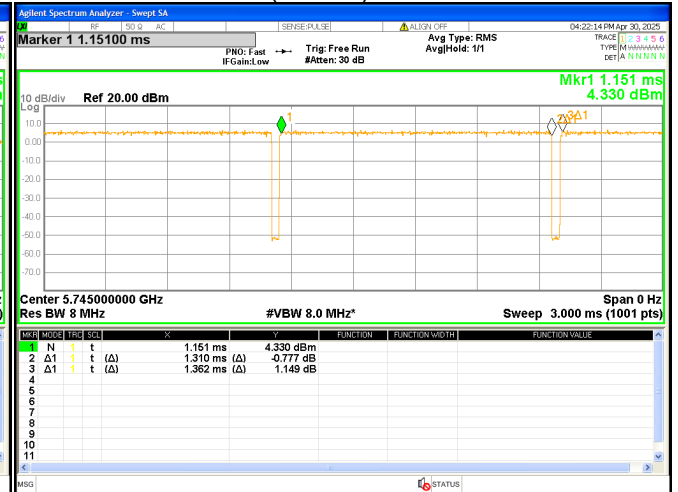
802.11n(HT20) Low channel



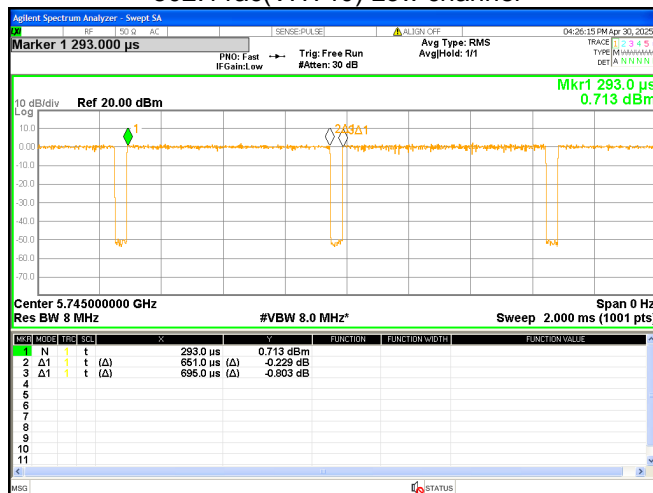
802.11n(HT40) Low channel



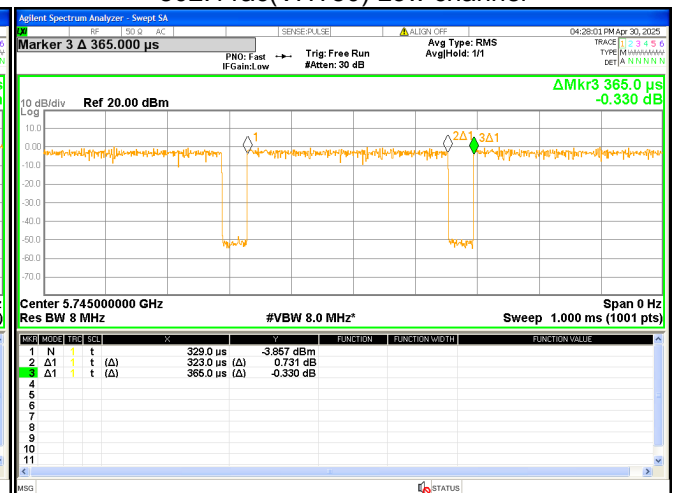
802.11ac(VHT20) Low channel



802.11ac(VHT40) Low channel

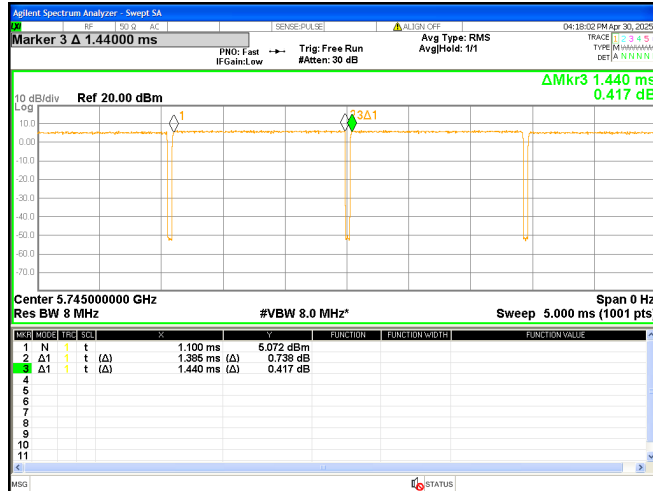


802.11ac(VHT80) Low channel

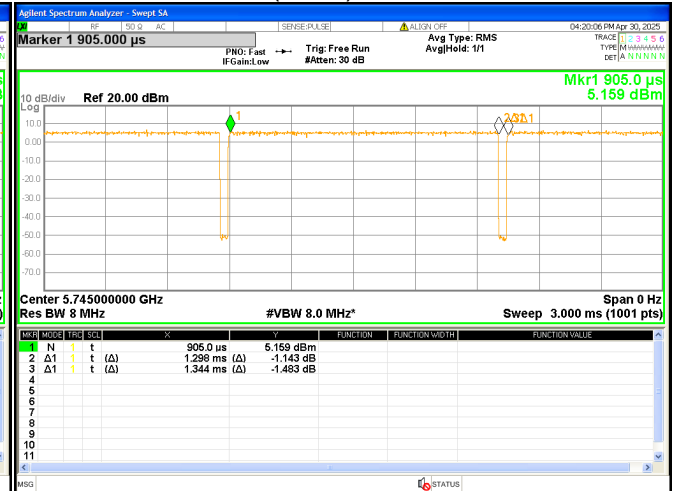


ANT 2 U-NII-3

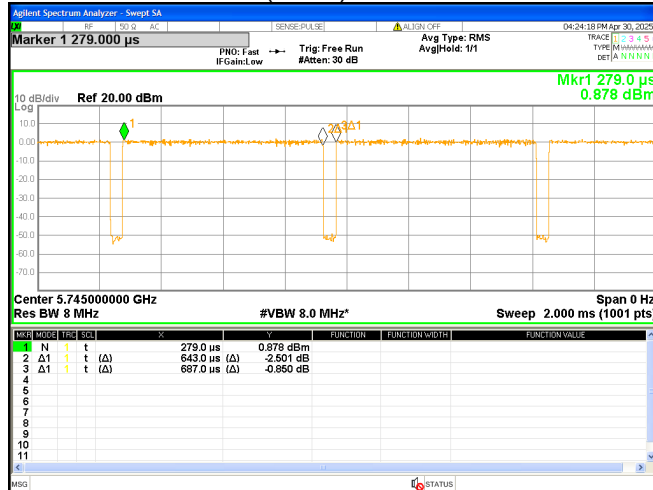
802.11a Low channel



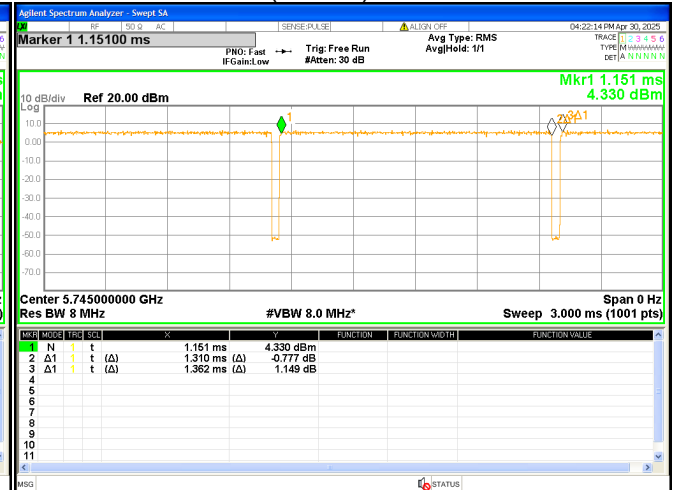
802.11n(HT20) Low channel



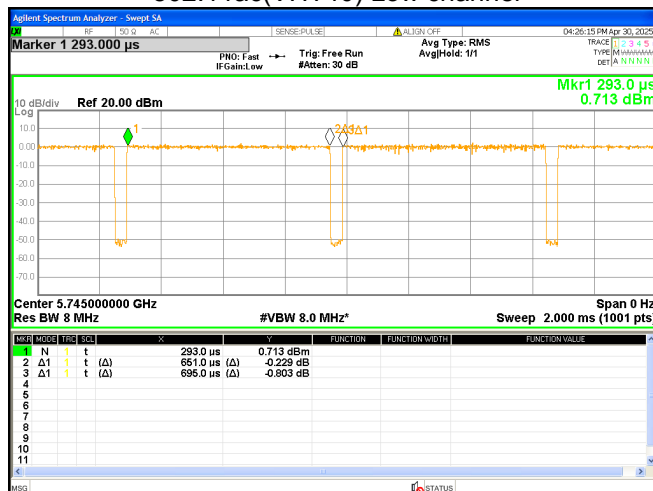
802.11n(HT40) Low channel



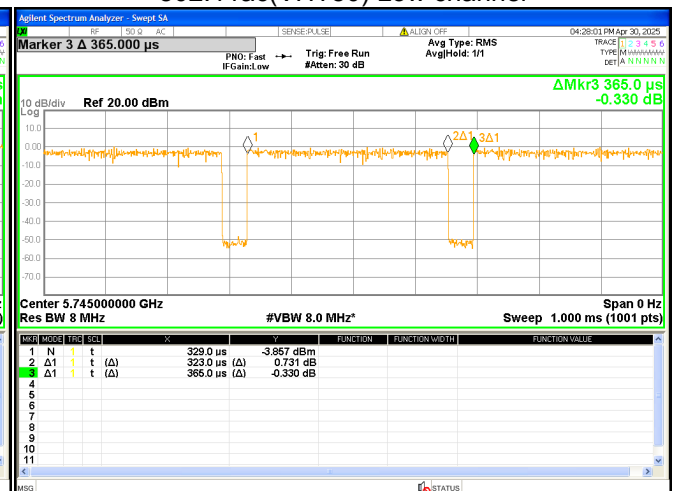
802.11ac(VHT20) Low channel



802.11ac(VHT40) Low channel



802.11ac(VHT80) Low channel



8 Conducted Emission

Test Requirement: 47CFR FCC Part15 Subpart C §15.207
Test Method: ANSI C63.10-2020+A1-2024
Test Result: PASS
Frequency Range: 150kHz to 30MHz
Limit:

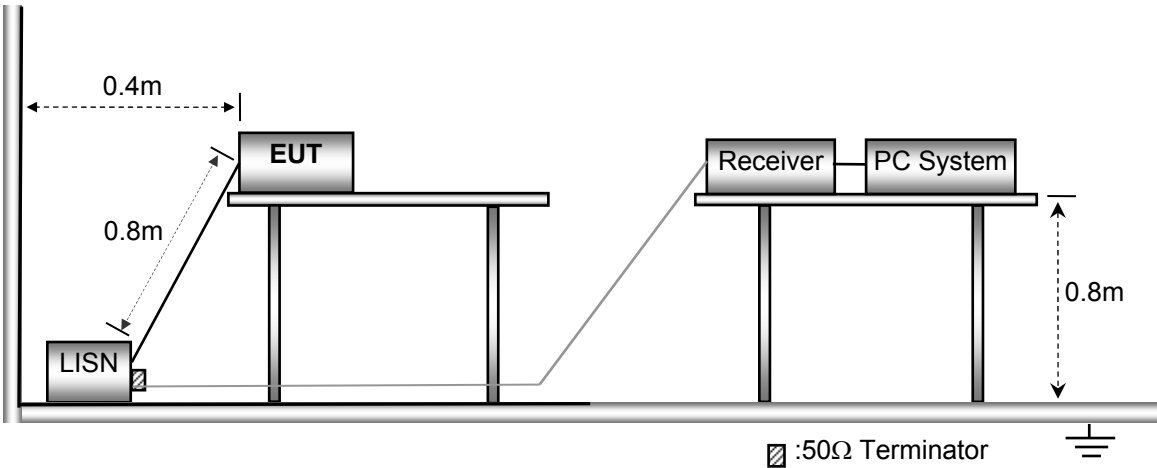
Frequency (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 to 0.5	66 to 56*	56 to 46*
0.5 to 5	56	46
5 to 30	60	50
*Decreases with the logarithm of the frequency.		

8.1 E.U.T. Operation

Operating Environment:
Temperature: 22.3 °C
Humidity: 38.5 % RH
Atmospheric Pressure: 101.2kPa
EUT Operation:
The test was performed in Transmitting mode, the worst 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

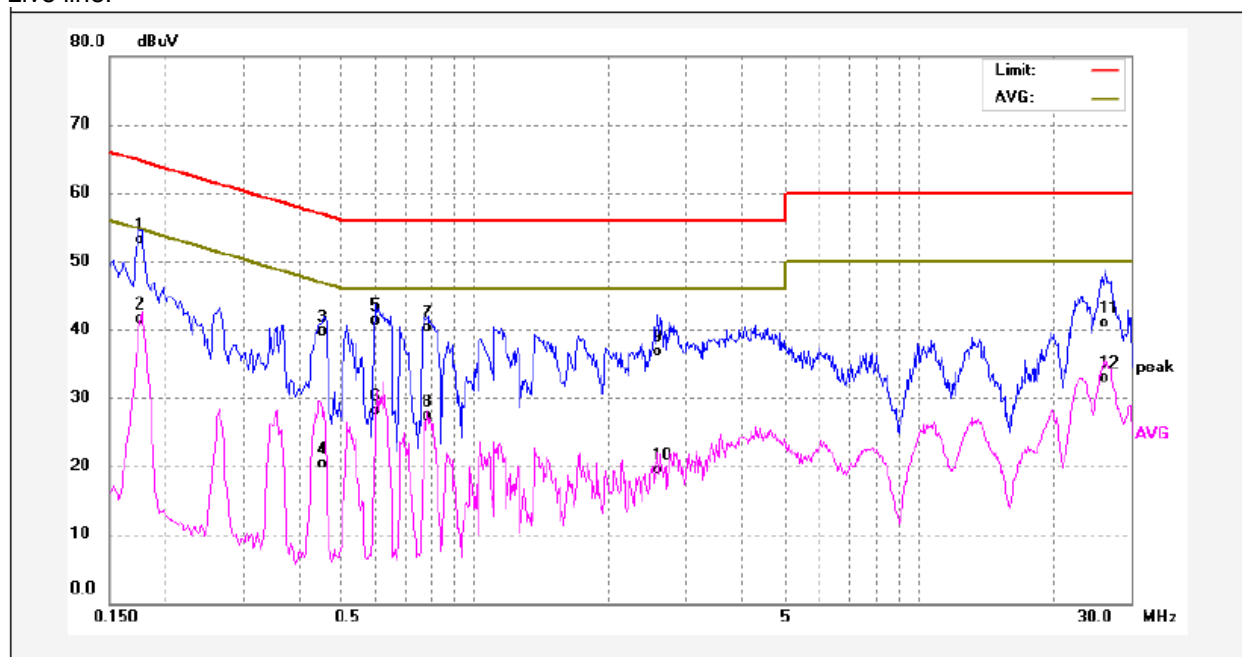
The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

8.4 Conducted Emission Test Result

Remark: An initial pre-scan was performed on the live and neutral lines, only the worst data (U-NII-1 802.11n(HT20) mode High channel mode) were reported.

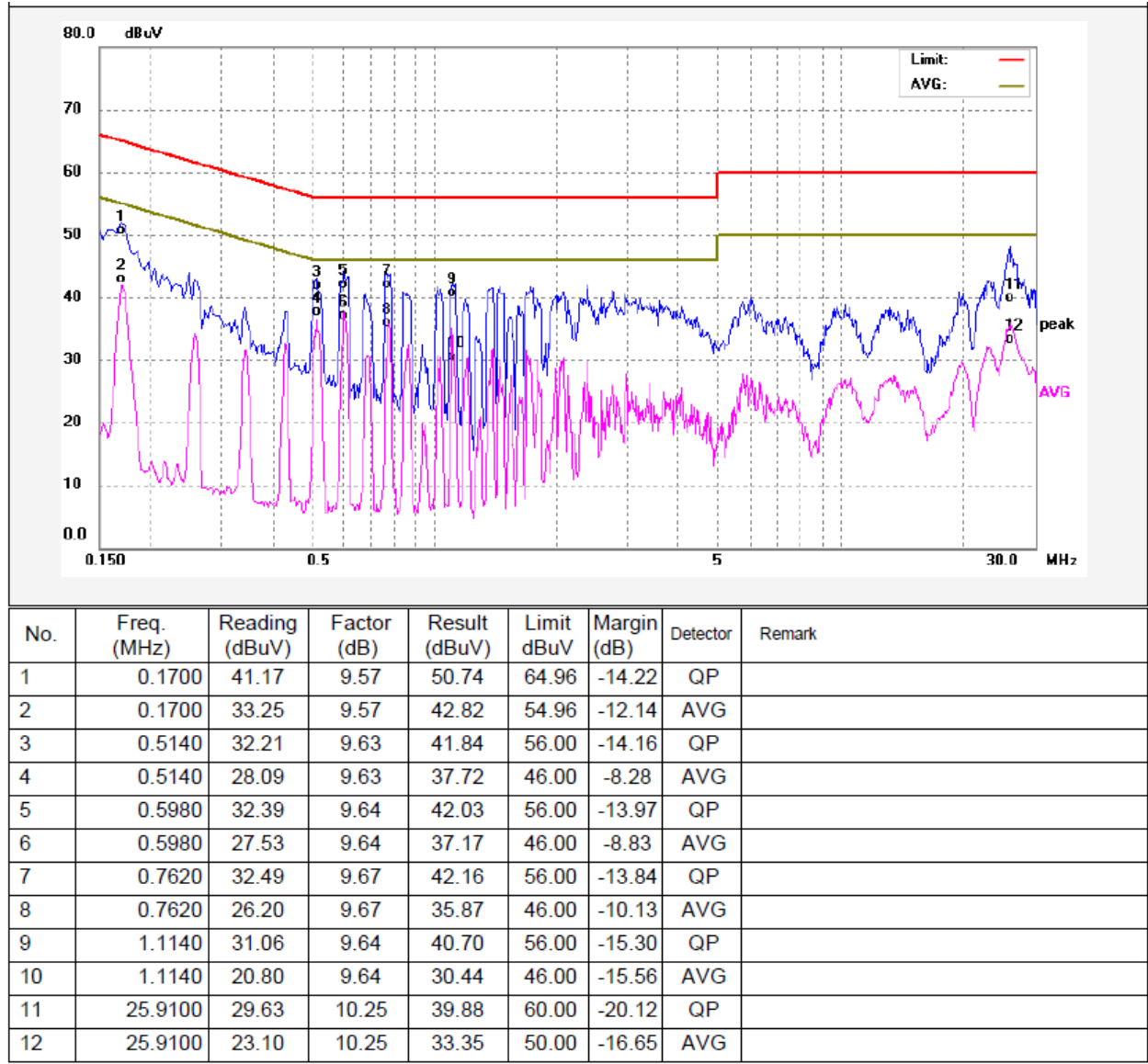
Model: VetiPad M1

Live line:



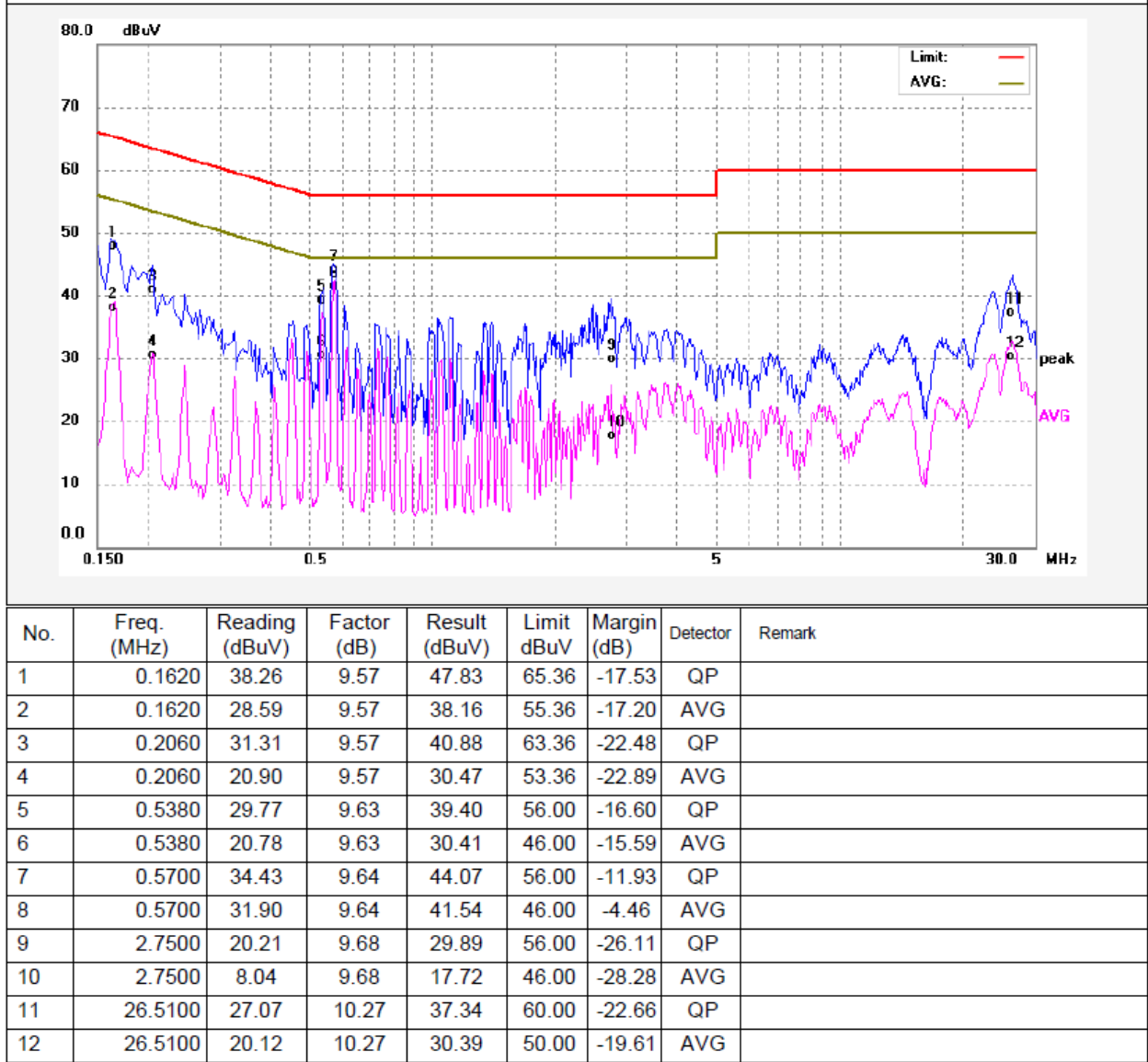
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Margin (dB)	Detector	Remark
1	0.1740	43.47	9.57	53.04	64.76	-11.72	QP	
2	0.1740	32.03	9.57	41.60	54.76	-13.16	AVG	
3	0.4580	30.11	9.63	39.74	56.73	-16.99	QP	
4	0.4580	10.75	9.63	20.38	46.73	-26.35	AVG	
5	0.5980	31.65	9.64	41.29	56.00	-14.71	QP	
6	0.5980	18.38	9.64	28.02	46.00	-17.98	AVG	
7	0.7860	30.73	9.67	40.40	56.00	-15.60	QP	
8	0.7860	17.72	9.67	27.39	46.00	-18.61	AVG	
9	2.5860	26.98	9.68	36.66	56.00	-19.34	QP	
10	2.5860	9.80	9.68	19.48	46.00	-26.52	AVG	
11	26.3820	30.68	10.26	40.94	60.00	-19.06	QP	
12	26.3820	22.61	10.26	32.87	50.00	-17.13	AVG	

Neutral line:

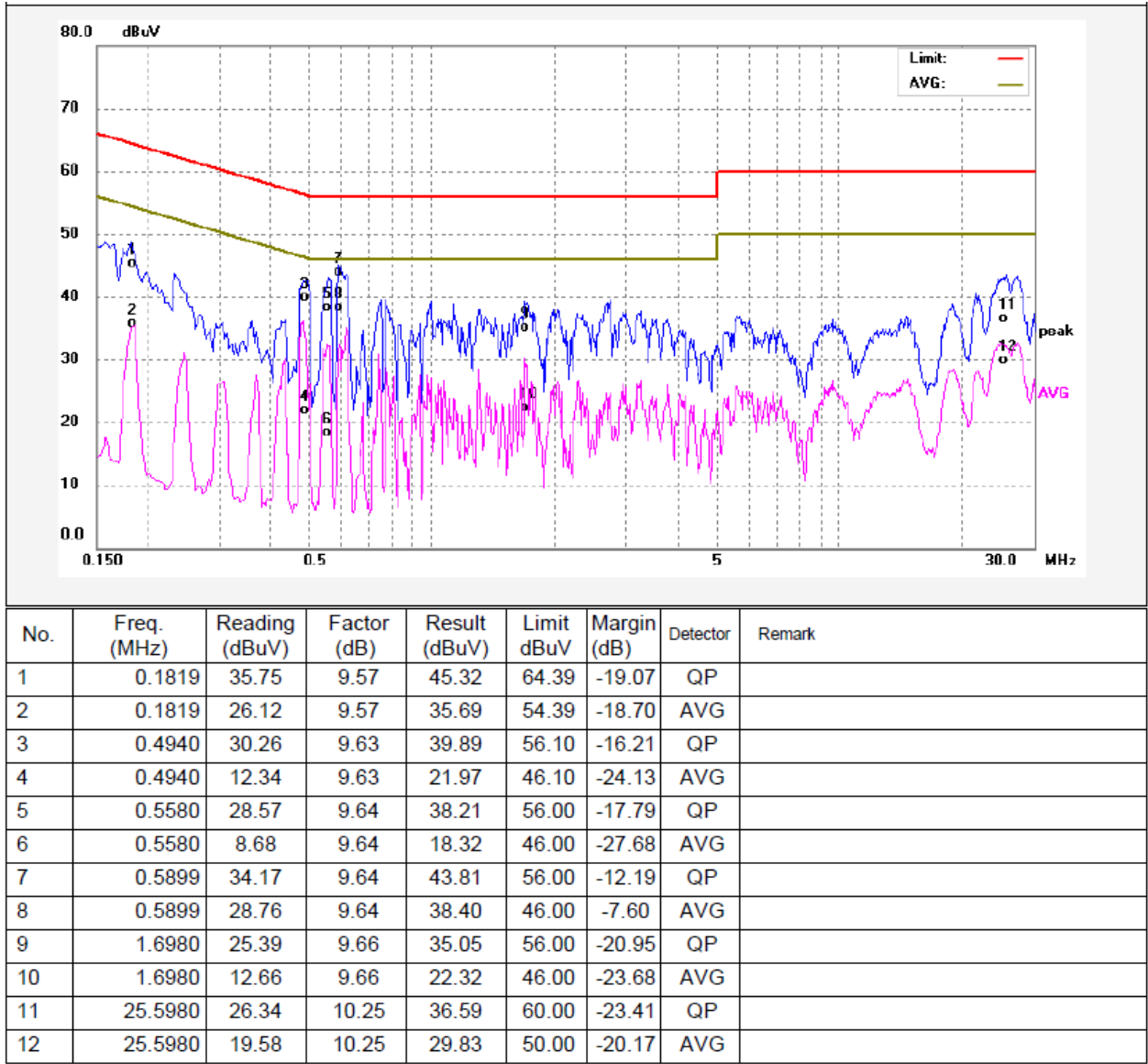


Model: VetiPad M1 Plus

Live line:



Neutral line:



9 Radiated Emissions

Test Requirement: FCC CFR47 Part 15 Section 15.209 & 15.407
KDB 662911 D01 Multiple Transmitter Output v02r01, October 31, 2013

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: 23.8 °C

Humidity: 52.5 % RH

Atmospheric Pressure: 101.3kPa

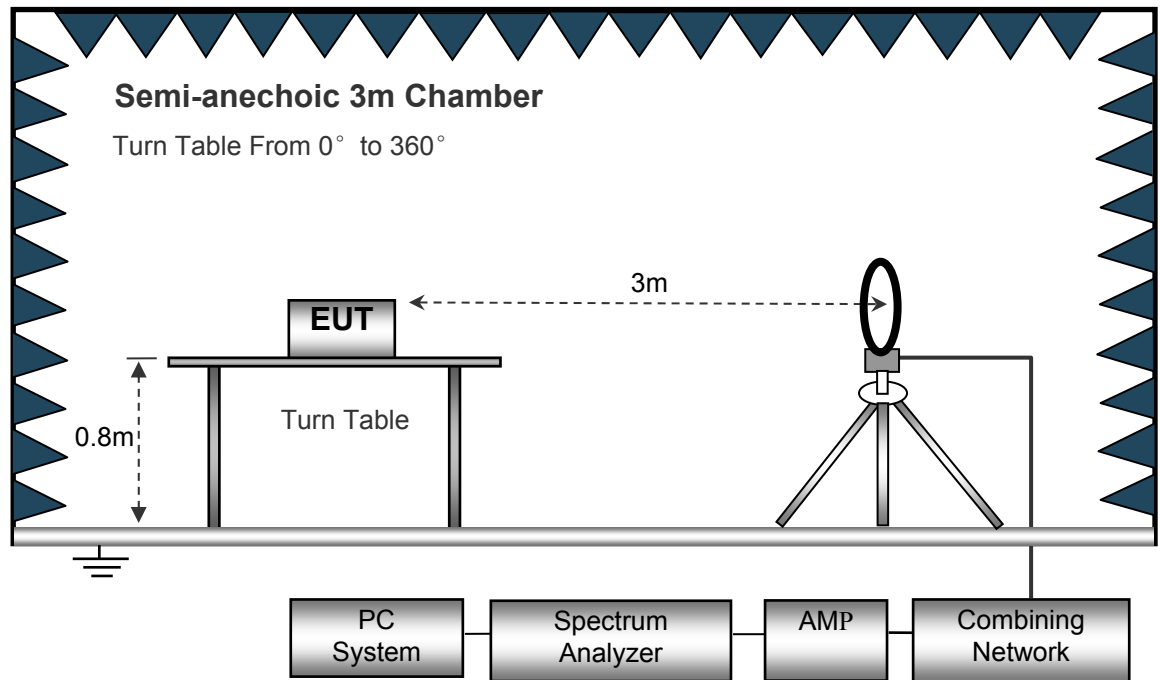
EUT Operation:

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

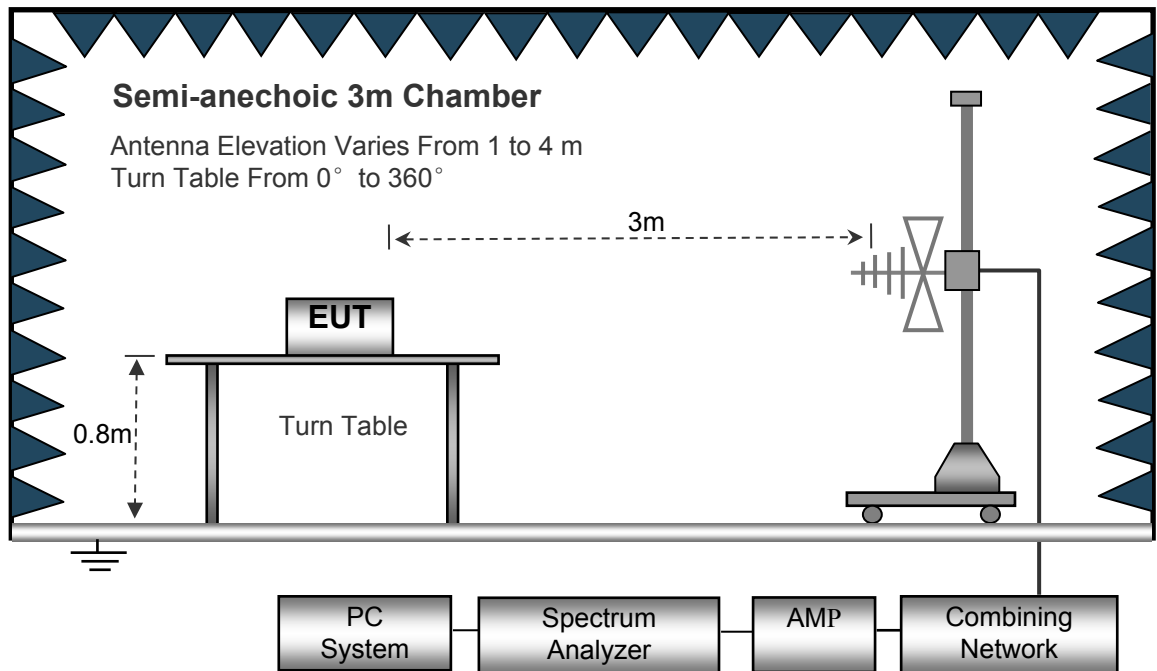
9.2 Test Setup

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.

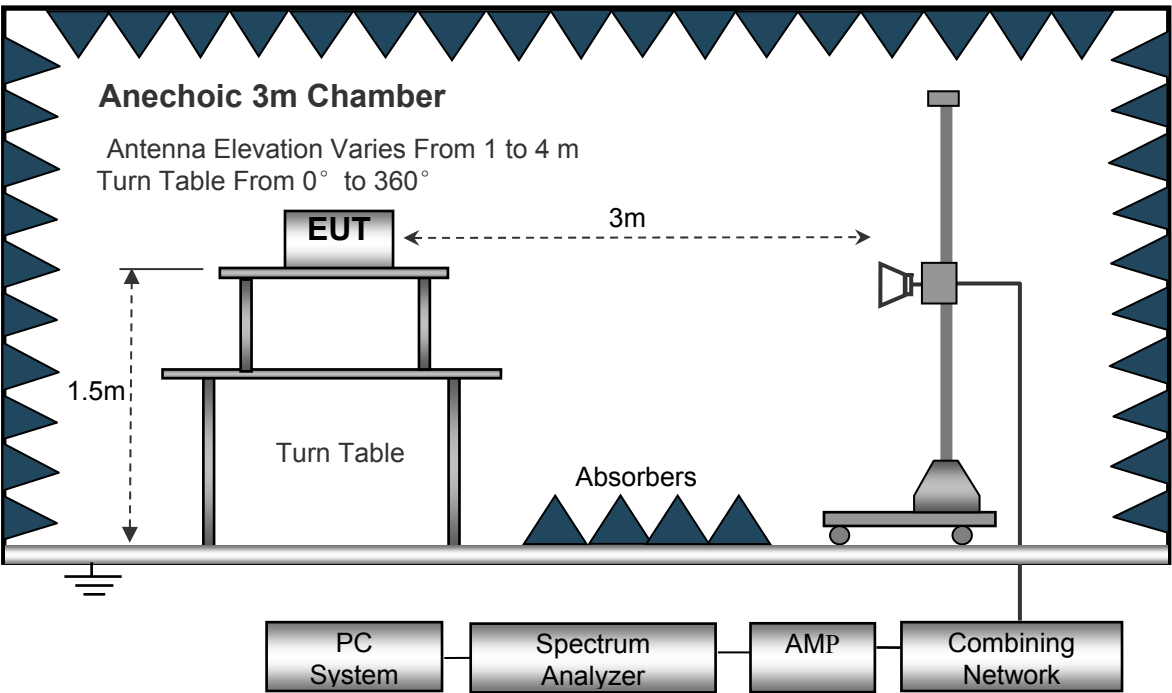
The test setup for emission measurement below 30MHz.



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

Note:

All test mode were tested, and only the worst-case were record in the report.

Test Mode: TX (Ant. 1+ Ant. 2)

Test Frequency: 9KHz~30MHz

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

Test Frequency: 30MHz ~ 18GHz

Model: VetiPad M1 Plus

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									
302.54	40.71	QP	229	1.9	H	-11.62	29.09	46.00	-16.91
302.54	46.65	QP	94	1.2	V	-11.62	35.03	46.00	-10.97
4518.80	53.84	PK	267	1.0	H	-2.03	51.81	74.00	-22.19
4518.80	44.09	Ave	267	1.0	H	-2.03	42.06	54.00	-11.94
5116.04	53.26	PK	12	1.4	H	-1.02	52.24	74.00	-21.76
5116.04	45.04	Ave	12	1.4	H	-1.02	44.02	54.00	-9.98
10360.00	42.03	PK	13	1.5	H	5.33	47.36	74.00	-26.64
10360.00	37.41	Ave	13	1.5	H	5.33	42.74	54.00	-11.26
802.11a U-NII-1 Middle channel 5200MHz									
302.54	42.35	QP	161	1.5	H	-11.62	30.73	46.00	-15.27
302.54	40.54	QP	84	2.0	V	-11.62	28.92	46.00	-17.08
4520.23	54.60	PK	327	1.6	H	-1.94	52.66	74.00	-21.34
4520.23	44.93	Ave	327	1.6	H	-1.94	42.99	54.00	-11.01
5126.53	52.83	PK	246	1.2	H	-1.06	51.77	74.00	-22.23
5126.53	44.33	Ave	246	1.2	H	-1.06	43.27	54.00	-10.73
10400.00	42.73	PK	99	1.9	H	5.21	47.94	74.00	-26.06
10400.00	38.82	Ave	99	1.9	H	5.21	44.03	54.00	-9.97
802.11a U-NII-1 High channel 5240MHz									
302.54	39.43	QP	235	1.2	H	-11.62	27.81	46.00	-18.19
302.54	44.63	QP	325	2.0	V	-11.62	33.01	46.00	-12.99
4504.17	51.82	PK	335	1.6	H	-2.24	49.58	74.00	-24.42
4504.17	41.63	Ave	335	1.6	H	-2.24	39.39	54.00	-14.61
5116.21	51.78	PK	257	1.1	H	-1.09	50.69	74.00	-23.31
5116.21	44.04	Ave	257	1.1	H	-1.09	42.95	54.00	-11.05
10480.00	40.65	PK	99	1.7	H	5.14	45.79	74.00	-28.21
10480.00	36.34	Ave	99	1.7	H	5.14	41.48	54.00	-12.52

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)
802.11n HT20 U-NII-1 Low Channel 5180MHz									
302.54	41.94	QP	264	1.4	H	-11.62	30.32	46.00	-15.68
302.54	40.06	QP	239	1.9	V	-11.62	28.44	46.00	-17.56
4508.70	53.36	PK	6	1.9	H	-2.14	51.22	74.00	-22.78
4508.70	44.29	Ave	6	1.9	H	-2.14	42.15	54.00	-11.85
5125.82	47.66	PK	60	1.7	H	-1.06	46.60	74.00	-27.40
5125.82	37.83	Ave	60	1.7	H	-1.06	36.77	54.00	-17.23
10360.00	41.69	PK	179	1.9	H	5.33	47.02	74.00	-26.98
10360.00	37.98	Ave	179	1.9	H	5.33	43.31	54.00	-10.69
802.11n HT20 U-NII-1 Middle channel 5200MHz									
302.54	43.10	QP	216	1.7	H	-11.62	31.48	46.00	-14.52
302.54	38.75	QP	245	1.5	V	-11.62	27.13	46.00	-18.87
4502.78	51.98	PK	223	1.7	H	-2.12	49.86	74.00	-24.14
4502.78	44.57	Ave	223	1.7	H	-2.12	42.45	54.00	-11.55
5149.11	49.10	PK	344	1.6	H	-1.06	48.04	74.00	-25.96
5149.11	38.87	Ave	344	1.6	H	-1.06	37.81	54.00	-16.19
10400.00	40.78	PK	305	1.1	H	5.21	45.99	74.00	-28.01
10400.00	38.93	Ave	305	1.1	H	5.21	44.14	54.00	-9.86
802.11n HT20 U-NII-1 High channel 5240MHz									
302.54	43.13	QP	171	1.8	H	-11.62	31.51	46.00	-14.49
302.54	40.18	QP	291	1.3	V	-11.62	28.56	46.00	-17.44
4521.85	51.40	PK	331	1.3	H	-1.96	49.44	74.00	-24.56
4521.85	43.64	Ave	331	1.3	H	-1.96	41.68	54.00	-12.32
5140.23	48.86	PK	126	1.4	H	-1.06	47.80	74.00	-26.20
5140.23	39.49	Ave	126	1.4	H	-1.06	38.43	54.00	-15.57
10480.00	40.24	PK	330	1.3	H	5.14	45.38	74.00	-28.62
10480.00	37.57	Ave	330	1.3	H	5.14	42.71	54.00	-11.29

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11n HT40 U-NII-1 Low Channel 5190MHz									
302.54	40.30	QP	131	1.8	H	-11.62	28.68	46.00	-17.32
302.54	41.05	QP	252	1.8	V	-11.62	29.43	46.00	-16.57
4526.04	40.73	PK	268	1.2	H	-1.89	38.84	74.00	-35.16
4526.04	35.39	Ave	268	1.2	H	-1.89	33.50	54.00	-20.50
5114.05	45.68	PK	45	1.9	H	-1.06	44.62	74.00	-29.38
5114.05	37.10	Ave	45	1.9	H	-1.06	36.04	54.00	-17.96
10380.00	39.40	PK	130	1.6	H	5.26	44.66	74.00	-29.34
10380.00	35.27	Ave	130	1.6	H	5.26	40.53	54.00	-13.47
802.11n HT40 U-NII-1 High channel 5230MHz									
302.54	41.17	QP	182	1.9	H	-11.62	29.55	46.00	-16.45
302.54	43.15	QP	213	1.1	V	-11.62	31.53	46.00	-14.47
4510.60	45.67	PK	276	1.4	H	-1.94	43.73	74.00	-30.27
4510.60	32.92	Ave	276	1.4	H	-1.94	30.98	54.00	-23.02
5128.13	45.66	PK	150	1.6	H	-1.06	44.60	74.00	-29.40
5128.13	39.96	Ave	150	1.6	H	-1.06	38.90	54.00	-15.10
10460.00	40.74	PK	217	1.9	H	5.28	46.02	74.00	-27.98
10460.00	36.60	Ave	217	1.9	H	5.28	41.88	54.00	-12.12

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)
802.11ac VHT20 U-NII-1 Low Channel 5180MHz									
302.54	39.16	QP	173	1.7	H	-11.62	27.54	46.00	-18.46
302.54	39.75	QP	81	1.6	V	-11.62	28.13	46.00	-17.87
4528.17	46.44	PK	5	1.6	H	-1.86	44.58	74.00	-29.42
4528.17	35.87	Ave	5	1.6	H	-1.86	34.01	54.00	-19.99
5119.44	39.10	PK	330	1.7	H	-1.06	38.04	74.00	-35.96
5119.44	38.93	Ave	330	1.7	H	-1.06	37.87	54.00	-16.13
10360.00	46.42	PK	279	1.0	H	5.33	51.75	74.00	-22.25
10360.00	37.99	Ave	279	1.0	H	5.33	43.32	54.00	-10.68
802.11ac VHT20 U-NII-1 Middle channel 5200MHz									
302.54	39.29	QP	153	1.1	H	-11.62	27.67	46.00	-18.33
302.54	39.87	QP	126	1.9	V	-11.62	28.25	46.00	-17.75
4509.88	46.13	PK	178	1.7	H	-1.82	44.31	74.00	-29.69
4509.88	38.97	Ave	178	1.7	H	-1.82	37.15	54.00	-16.85
5147.17	42.36	PK	202	1.6	H	-1.06	41.30	74.00	-32.70
5147.17	38.42	Ave	202	1.6	H	-1.06	37.36	54.00	-16.64
10400.00	42.78	PK	93	1.9	H	5.21	47.99	74.00	-26.01
10400.00	38.49	Ave	93	1.9	H	5.21	43.70	54.00	-10.30
802.11ac VHT20 U-NII-1 High channel 5240MHz									
302.54	38.59	QP	99	1.5	H	-11.62	26.97	46.00	-19.03
302.54	38.11	QP	180	1.7	V	-11.62	26.49	46.00	-19.51
4526.10	47.27	PK	92	1.8	H	-1.81	45.46	74.00	-28.54
4526.10	37.66	Ave	92	1.8	H	-1.81	35.85	54.00	-18.15
5119.43	39.46	PK	247	1.4	H	-1.06	38.40	74.00	-35.60
5119.43	40.96	Ave	247	1.4	H	-1.06	39.90	54.00	-14.10
10480.00	41.61	PK	7	1.7	H	5.14	46.75	74.00	-27.25
10480.00	37.34	Ave	7	1.7	H	5.14	42.48	54.00	-11.52

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac VHT40 U-NII-1 Low Channel 5190MHz									
302.54	40.58	QP	234	1.3	H	-11.62	28.96	46.00	-17.04
302.54	43.97	QP	5	1.6	V	-11.62	32.35	46.00	-13.65
4514.75	36.96	PK	307	1.9	H	-1.91	35.05	74.00	-38.95
4514.75	29.28	Ave	307	1.9	H	-1.91	27.37	54.00	-26.63
5113.83	47.39	PK	335	1.1	H	-1.06	46.33	74.00	-27.67
5113.83	41.01	Ave	335	1.1	H	-1.06	39.95	54.00	-14.05
10380.00	40.42	PK	346	1.6	H	5.26	45.68	74.00	-28.32
10380.00	35.36	Ave	346	1.6	H	5.26	40.62	54.00	-13.38
802.11ac VHT40 U-NII-1 High channel 5230MHz									
302.54	40.76	QP	268	1.8	H	-11.62	29.14	46.00	-16.86
302.54	44.68	QP	305	1.1	V	-11.62	33.06	46.00	-12.94
4521.93	36.34	PK	171	1.1	H	-1.93	34.41	74.00	-39.59
4521.93	29.79	Ave	171	1.1	H	-1.93	27.86	54.00	-26.14
5130.92	49.27	PK	344	1.7	H	-1.06	48.21	74.00	-25.79
5130.92	40.93	Ave	344	1.7	H	-1.06	39.87	54.00	-14.13
10460.00	42.74	PK	199	1.0	H	5.28	48.02	74.00	-25.98
10460.00	37.49	Ave	199	1.0	H	5.28	42.77	54.00	-11.23

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 VHT80 U-NII-1 Middle channel 5210MHz									
302.54	40.66	QP	114	1.2	H	-11.62	29.04	46.00	-16.96
302.54	33.77	QP	265	1.3	V	-11.62	22.15	46.00	-23.85
4501.37	31.72	PK	109	1.2	H	-1.88	29.84	74.00	-44.16
4501.37	42.72	Ave	109	1.2	H	-1.88	40.84	54.00	-13.16
5136.35	38.94	PK	340	2.0	H	-1.06	37.88	74.00	-36.12
5136.35	46.26	Ave	340	2.0	H	-1.06	45.20	54.00	-8.80
10420.00	40.68	PK	232	1.2	H	4.65	45.33	74.00	-28.67
10420.00	36.24	Ave	232	1.2	H	4.65	40.89	54.00	-13.11

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)
802.11a U-NII-3 Low Channel 5745MHz									
302.54	43.04	QP	19	1.4	H	-11.62	31.42	46.00	-14.58
302.54	40.09	QP	144	2.0	V	-11.62	28.47	46.00	-17.53
4526.13	51.81	PK	108	1.5	H	-2.06	49.75	74.00	-24.25
4526.13	44.15	Ave	108	1.5	H	-2.06	42.09	54.00	-11.91
5378.96	45.93	PK	339	1.9	H	-1.25	44.68	74.00	-29.32
5378.96	39.32	Ave	339	1.9	H	-1.25	38.07	54.00	-15.93
11490.00	41.55	PK	216	1.6	H	5.93	47.48	74.00	-26.52
11490.00	35.87	Ave	216	1.6	H	5.93	41.80	54.00	-12.20
802.11a U-NII-3 Middle channel 5785MHz									
302.54	43.83	QP	313	1.1	H	-11.62	32.21	46.00	-13.79
302.54	40.18	QP	50	1.1	V	-11.62	28.56	46.00	-17.44
4523.02	51.63	PK	218	1.0	H	-2.03	49.60	74.00	-24.40
4523.02	45.00	Ave	218	1.0	H	-2.03	42.97	54.00	-11.03
5387.23	46.47	PK	276	1.4	H	-1.22	45.25	74.00	-28.75
5387.23	39.47	Ave	276	1.4	H	-1.22	38.25	54.00	-15.75
11570.00	43.32	PK	133	1.2	H	5.81	49.13	74.00	-24.87
11570.00	35.73	Ave	133	1.2	H	5.81	41.54	54.00	-12.46
802.11a U-NII-3 High channel 5825MHz									
302.54	44.25	QP	14	1.6	H	-11.62	32.63	46.00	-13.37
302.54	40.26	QP	226	1.0	V	-11.62	28.64	46.00	-17.36
4538.30	52.22	PK	42	1.0	H	-1.84	50.38	74.00	-23.62
4538.30	44.48	Ave	42	1.0	H	-1.84	42.64	54.00	-11.36
5357.77	45.13	PK	339	1.4	H	-1.30	43.83	74.00	-30.17
5357.77	39.85	Ave	339	1.4	H	-1.30	38.55	54.00	-15.45
11650.00	41.77	PK	122	1.2	H	5.84	47.61	74.00	-26.39
11650.00	37.52	Ave	122	1.2	H	5.84	43.36	54.00	-10.64

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)
802.11n HT20 U-NII-3 Low Channel 5745MHz									
302.54	40.02	QP	150	1.6	H	-11.62	28.40	46.00	-17.60
302.54	48.49	QP	358	1.5	V	-11.62	36.87	46.00	-9.13
4514.21	49.02	PK	309	1.9	H	-2.06	46.96	74.00	-27.04
4514.21	46.32	Ave	309	1.9	H	-2.06	44.26	54.00	-9.74
5373.16	45.52	PK	205	1.3	H	-1.25	44.27	74.00	-29.73
5373.16	39.65	Ave	205	1.3	H	-1.25	38.40	54.00	-15.60
11490.00	35.54	PK	1	1.5	H	5.93	41.47	74.00	-32.53
11490.00	39.58	Ave	1	1.5	H	5.93	45.51	54.00	-8.49
802.11n HT20 U-NII-3 Middle channel 5785MHz									
302.54	41.19	QP	63	1.3	H	-11.62	29.57	46.00	-16.43
302.54	42.59	QP	25	1.9	V	-11.62	30.97	46.00	-15.03
4519.91	50.08	PK	140	2.0	H	-2.03	48.05	74.00	-25.95
4519.91	45.22	Ave	140	2.0	H	-2.03	43.19	54.00	-10.81
5389.80	46.30	PK	275	1.9	H	-1.22	45.08	74.00	-28.92
5389.80	38.54	Ave	275	1.9	H	-1.22	37.32	54.00	-16.68
11570.00	35.82	PK	135	1.1	H	5.81	41.63	74.00	-32.37
11570.00	37.81	Ave	135	1.1	H	5.81	43.62	54.00	-10.38
802.11n HT20 U-NII-3 High channel 5825MHz									
302.54	41.70	QP	144	1.6	H	-11.62	30.08	46.00	-15.92
302.54	43.41	QP	330	1.3	V	-11.62	31.79	46.00	-14.21
4514.76	48.92	PK	234	1.8	H	-1.84	47.08	74.00	-26.92
4514.76	44.00	Ave	234	1.8	H	-1.84	42.16	54.00	-11.84
5386.66	45.55	PK	158	1.1	H	-1.30	44.25	74.00	-29.75
5386.66	37.58	Ave	158	1.1	H	-1.30	36.28	54.00	-17.72
11650.00	35.64	PK	213	1.5	H	5.84	41.48	74.00	-32.52
11650.00	40.02	Ave	213	1.5	H	5.84	45.86	54.00	-8.14

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									
302.54	39.60	QP	92	1.6	H	-11.62	27.98	46.00	-18.02
302.54	39.46	QP	82	1.5	V	-11.62	27.84	46.00	-18.16
4530.92	37.61	PK	121	1.4	H	-1.96	35.65	74.00	-38.35
4530.92	32.10	Ave	121	1.4	H	-1.96	30.14	54.00	-23.86
5386.35	46.49	PK	1	1.5	H	-1.01	45.48	74.00	-28.52
5386.35	38.37	Ave	1	1.5	H	-1.01	37.36	54.00	-16.64
11510.00	39.73	PK	146	1.1	H	5.88	45.61	74.00	-28.39
11510.00	34.92	Ave	146	1.1	H	5.88	40.80	54.00	-13.20
802.11n HT40 U-NII-3 High channel 5795MHz									
302.54	39.95	QP	113	1.3	H	-11.62	28.33	46.00	-17.67
302.54	40.08	QP	357	1.6	V	-11.62	28.46	46.00	-17.54
4511.89	37.12	PK	356	1.8	H	-1.92	35.20	74.00	-38.80
4511.89	31.62	Ave	356	1.8	H	-1.92	29.70	54.00	-24.30
5373.75	45.30	PK	163	1.1	H	-1.04	44.26	74.00	-29.74
5373.75	37.49	Ave	163	1.1	H	-1.04	36.45	54.00	-17.55
11590.00	41.25	PK	173	1.4	H	5.63	46.88	74.00	-27.12
11590.00	36.28	Ave	173	1.4	H	5.63	41.91	54.00	-12.09

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 Low Channel 5745MHz									
302.54	40.40	QP	185	1.1	H	-11.62	28.78	46.00	-17.22
302.54	39.33	QP	209	1.1	V	-11.62	27.71	46.00	-18.29
4507.16	42.91	PK	328	1.2	H	-1.92	40.99	74.00	-33.01
4507.16	37.21	Ave	328	1.2	H	-1.92	35.29	54.00	-18.71
5351.08	45.11	PK	243	1.9	H	-1.03	44.08	74.00	-29.92
5351.08	39.07	Ave	243	1.9	H	-1.03	38.04	54.00	-15.96
11490.00	39.47	PK	161	1.6	H	5.93	45.40	74.00	-28.60
11490.00	35.09	Ave	161	1.6	H	5.93	41.02	54.00	-12.98
802.11ac VHT20 U-NII-3 Middle channel 5785MHz									
302.54	41.02	QP	176	1.7	H	-11.62	29.40	46.00	-16.60
302.54	39.26	QP	23	1.2	V	-11.62	27.64	46.00	-18.36
4539.22	43.69	PK	96	1.7	H	-1.97	41.72	74.00	-32.28
4539.22	37.51	Ave	96	1.7	H	-1.97	35.54	54.00	-18.46
5368.62	45.91	PK	139	1.5	H	-1.05	44.86	74.00	-29.14
5368.62	37.81	Ave	139	1.5	H	-1.05	36.76	54.00	-17.24
11570.00	42.80	PK	58	1.9	H	5.81	48.61	74.00	-25.39
11570.00	36.58	Ave	58	1.9	H	5.81	42.39	54.00	-11.61
802.11ac VHT20 U-NII-3 High channel 5825MHz									
302.54	40.58	QP	201	1.3	H	-11.62	28.96	46.00	-17.04
302.54	38.63	QP	222	1.5	V	-11.62	27.01	46.00	-18.99
4534.45	42.92	PK	227	1.4	H	-1.88	41.04	74.00	-32.96
4534.45	36.64	Ave	227	1.4	H	-1.88	34.76	54.00	-19.24
5359.10	45.53	PK	196	1.4	H	-1.06	44.47	74.00	-29.53
5359.10	38.47	Ave	196	1.4	H	-1.06	37.41	54.00	-16.59
11650.00	41.51	PK	214	1.0	H	5.84	47.35	74.00	-26.65
11650.00	37.61	Ave	214	1.0	H	5.84	43.45	54.00	-10.55

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)
802.11ac VHT40 U-NII-3 Low Channel 5755MHz									
302.54	41.65	QP	77	1.1	H	-11.62	30.03	46.00	-15.97
302.54	38.35	QP	72	1.5	V	-11.62	26.73	46.00	-19.27
4523.65	37.25	PK	37	1.8	H	-1.92	35.33	74.00	-38.67
4523.65	25.87	Ave	37	1.8	H	-1.92	23.95	54.00	-30.05
5386.31	45.72	PK	205	1.5	H	-1.07	44.65	74.00	-29.35
5386.31	38.57	Ave	205	1.5	H	-1.07	37.50	54.00	-16.50
11510.00	40.82	PK	119	1.4	H	5.88	46.70	74.00	-27.30
11510.00	34.85	Ave	119	1.4	H	5.88	40.73	54.00	-13.27
802.11ac VHT40 U-NII-3 High channel 5795MHz									
302.54	42.15	QP	302	1.4	H	-11.62	30.53	46.00	-15.47
302.54	38.86	QP	260	1.8	V	-11.62	27.24	46.00	-18.76
4513.59	38.17	PK	256	1.2	H	-1.86	36.31	74.00	-37.69
4513.59	25.51	Ave	256	1.2	H	-1.86	23.65	54.00	-30.35
5382.44	46.52	PK	62	1.4	H	-1.03	45.49	74.00	-28.51
5382.44	39.24	Ave	62	1.4	H	-1.03	38.21	54.00	-15.79
11590.00	43.08	PK	303	1.0	H	5.63	48.71	74.00	-25.29
11590.00	37.86	Ave	303	1.0	H	5.63	43.49	54.00	-10.51

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac VHT80 U-NII-3 Middle channel 5775MHz									
302.54	39.78	QP	153	1.6	H	-11.62	28.16	46.00	-17.84
302.54	28.71	QP	141	1.1	V	-11.62	17.09	46.00	-28.91
4536.22	40.10	PK	40	2.0	H	-1.85	38.25	74.00	-35.75
4536.22	41.10	Ave	40	2.0	H	-1.85	39.25	54.00	-14.75
5374.86	46.55	PK	177	1.7	H	-1.14	45.41	74.00	-28.59
5374.86	37.61	Ave	177	1.7	H	-1.14	36.47	54.00	-17.53
11550.00	40.77	PK	172	1.9	H	4.83	45.60	74.00	-28.40
11550.00	37.73	Ave	172	1.9	H	4.83	42.56	54.00	-11.44

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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									
302.54	40.60	QP	241	1.3	H	-11.62	28.98	46.00	-17.02
302.54	46.41	QP	216	1.6	V	-11.62	34.79	46.00	-11.21
4526.49	53.95	PK	155	1.8	H	-2.03	51.92	74.00	-22.08
4526.49	43.84	Ave	155	1.8	H	-2.03	41.81	54.00	-12.19
5136.93	53.32	PK	201	1.5	H	-1.02	52.30	74.00	-21.70
5136.93	44.67	Ave	201	1.5	H	-1.02	43.65	54.00	-10.35
10360.00	41.24	PK	100	1.8	H	5.33	46.57	74.00	-27.43
10360.00	37.12	Ave	100	1.8	H	5.33	42.45	54.00	-11.55
802.11a U-NII-1 Middle channel 5200MHz									
302.54	39.87	QP	98	1.2	H	-11.62	28.25	46.00	-17.75
302.54	45.26	QP	263	1.7	V	-11.62	33.64	46.00	-12.36
4503.88	52.64	PK	87	1.7	H	-1.94	50.70	74.00	-23.30
4503.88	43.01	Ave	87	1.7	H	-1.94	41.07	54.00	-12.93
5135.17	52.57	PK	241	1.4	H	-1.06	51.51	74.00	-22.49
5135.17	44.28	Ave	241	1.4	H	-1.06	43.22	54.00	-10.78
10400.00	40.16	PK	150	1.0	H	5.21	45.37	74.00	-28.63
10400.00	36.76	Ave	150	1.0	H	5.21	41.97	54.00	-12.03
802.11a U-NII-1 High channel 5240MHz									
302.54	38.90	QP	38	1.1	H	-11.62	27.28	46.00	-18.72
302.54	44.59	QP	336	1.4	V	-11.62	32.97	46.00	-13.03
4530.59	51.66	PK	216	1.6	H	-2.24	49.42	74.00	-24.58
4530.59	43.01	Ave	216	1.6	H	-2.24	40.77	54.00	-13.23
5135.61	52.09	PK	39	1.0	H	-1.09	51.00	74.00	-23.00
5135.61	44.42	Ave	39	1.0	H	-1.09	43.33	54.00	-10.67
10480.00	40.46	PK	211	1.3	H	5.14	45.60	74.00	-28.40
10480.00	36.94	Ave	211	1.3	H	5.14	42.08	54.00	-11.92

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 HT20 U-NII-1 Low Channel 5180MHz									
302.54	35.44	QP	239	1.4	H	-11.62	23.82	46.00	-22.18
302.54	41.28	QP	53	1.2	V	-11.62	29.66	46.00	-16.34
4522.18	47.75	PK	280	1.8	H	-2.14	45.61	74.00	-28.39
4522.18	40.20	Ave	280	1.8	H	-2.14	38.06	54.00	-15.94
5133.64	44.51	PK	334	1.2	H	-1.06	43.45	74.00	-30.55
5133.64	38.29	Ave	334	1.2	H	-1.06	37.23	54.00	-16.77
10360.00	40.40	PK	175	1.6	H	5.33	45.73	74.00	-28.27
10360.00	35.71	Ave	175	1.6	H	5.33	41.04	54.00	-12.96
802.11n HT20 U-NII-1 Middle channel 5200MHz									
302.54	35.36	QP	59	1.2	H	-11.62	23.74	46.00	-22.26
302.54	41.09	QP	321	1.2	V	-11.62	29.47	46.00	-16.53
4502.78	47.67	PK	101	1.1	H	-2.12	45.55	74.00	-28.45
4502.78	40.15	Ave	101	1.1	H	-2.12	38.03	54.00	-15.97
5131.24	43.86	PK	313	1.7	H	-1.06	42.80	74.00	-31.20
5131.24	39.25	Ave	313	1.7	H	-1.06	38.19	54.00	-15.81
10400.00	41.18	PK	205	1.9	H	5.21	46.39	74.00	-27.61
10400.00	37.38	Ave	205	1.9	H	5.21	42.59	54.00	-11.41
802.11n HT20 U-NII-1 High channel 5240MHz									
302.54	34.02	QP	243	1.4	H	-11.62	22.40	46.00	-23.60
302.54	43.30	QP	21	1.7	V	-11.62	31.68	46.00	-14.32
4514.87	46.62	PK	204	1.1	H	-1.96	44.66	74.00	-29.34
4514.87	39.70	Ave	204	1.1	H	-1.96	37.74	54.00	-16.26
5139.60	45.75	PK	321	1.9	H	-1.06	44.69	74.00	-29.31
5139.60	39.49	Ave	321	1.9	H	-1.06	38.43	54.00	-15.57
10480.00	41.33	PK	125	1.2	H	5.14	46.47	74.00	-27.53
10480.00	37.97	Ave	125	1.2	H	5.14	43.11	54.00	-10.89

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									
302.54	29.57	QP	155	1.8	H	-11.62	17.95	46.00	-28.05
302.54	43.60	QP	344	2.0	V	-11.62	31.98	46.00	-14.02
4502.24	39.50	PK	119	1.3	H	-1.89	37.61	74.00	-36.39
4502.24	33.50	Ave	119	1.3	H	-1.89	31.61	54.00	-22.39
5137.00	47.03	PK	34	1.2	H	-1.06	45.97	74.00	-28.03
5137.00	40.35	Ave	34	1.2	H	-1.06	39.29	54.00	-14.71
10380.00	39.32	PK	160	1.1	H	5.26	44.58	74.00	-29.42
10380.00	34.68	Ave	160	1.1	H	5.26	39.94	54.00	-14.06
802.11n HT40 U-NII-1 High channel 5230MHz									
302.54	29.12	QP	111	1.1	H	-11.62	17.50	46.00	-28.50
302.54	43.12	QP	231	1.2	V	-11.62	31.50	46.00	-14.50
4512.19	38.97	PK	30	1.5	H	-1.94	37.03	74.00	-36.97
4512.19	34.05	Ave	30	1.5	H	-1.94	32.11	54.00	-21.89
5142.29	48.12	PK	197	1.4	H	-1.06	47.06	74.00	-26.94
5142.29	42.19	Ave	197	1.4	H	-1.06	41.13	54.00	-12.87
10460.00	41.42	PK	71	1.6	H	5.28	46.70	74.00	-27.30
10460.00	36.51	Ave	71	1.6	H	5.28	41.79	54.00	-12.21

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									
302.54	28.86	QP	153	1.8	H	-11.62	17.24	46.00	-28.76
302.54	41.43	QP	139	1.2	V	-11.62	29.81	46.00	-16.19
4506.68	45.15	PK	222	2.0	H	-1.86	43.29	74.00	-30.71
4506.68	36.99	Ave	222	2.0	H	-1.86	35.13	54.00	-18.87
5132.15	34.97	PK	322	1.6	H	-1.06	33.91	74.00	-40.09
5132.15	44.69	Ave	322	1.6	H	-1.06	43.63	54.00	-10.37
10360.00	45.58	PK	76	1.8	H	5.33	50.91	74.00	-23.09
10360.00	37.65	Ave	76	1.8	H	5.33	42.98	54.00	-11.02
802.11ac VHT20 U-NII-1 Middle channel 5200MHz									
302.54	29.78	QP	59	1.9	H	-11.62	18.16	46.00	-27.84
302.54	42.22	QP	46	1.8	V	-11.62	30.60	46.00	-15.40
4507.46	45.15	PK	238	1.5	H	-1.82	43.33	74.00	-30.67
4507.46	36.92	Ave	238	1.5	H	-1.82	35.10	54.00	-18.90
5128.63	34.74	PK	185	1.3	H	-1.06	33.68	74.00	-40.32
5128.63	46.23	Ave	185	1.3	H	-1.06	45.17	54.00	-8.83
10400.00	40.44	PK	52	1.2	H	5.21	45.65	74.00	-28.35
10400.00	36.19	Ave	52	1.2	H	5.21	41.40	54.00	-12.60
802.11ac VHT20 U-NII-1 High channel 5240MHz									
302.54	29.88	QP	167	1.6	H	-11.62	18.26	46.00	-27.74
302.54	42.70	QP	265	1.3	V	-11.62	31.08	46.00	-14.92
4514.35	44.80	PK	223	1.2	H	-1.81	42.99	74.00	-31.01
4514.35	36.27	Ave	223	1.2	H	-1.81	34.46	54.00	-19.54
5129.62	34.63	PK	61	1.4	H	-1.06	33.57	74.00	-40.43
5129.62	45.93	Ave	61	1.4	H	-1.06	44.87	54.00	-9.13
10480.00	41.69	PK	298	1.3	H	5.14	46.83	74.00	-27.17
10480.00	37.04	Ave	298	1.3	H	5.14	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)
802.11ac VHT40 U-NII-1 Low Channel 5190MHz									
302.54	28.84	QP	201	1.4	H	-11.62	17.22	46.00	-28.78
302.54	42.12	QP	240	1.3	V	-11.62	30.50	46.00	-15.50
4536.36	36.77	PK	266	2.0	H	-1.91	34.86	74.00	-39.14
4536.36	30.00	Ave	266	2.0	H	-1.91	28.09	54.00	-25.91
5137.23	47.34	PK	334	1.3	H	-1.06	46.28	74.00	-27.72
5137.23	40.50	Ave	334	1.3	H	-1.06	39.44	54.00	-14.56
10380.00	38.71	PK	317	1.3	H	5.26	43.97	74.00	-30.03
10380.00	34.21	Ave	317	1.3	H	5.26	39.47	54.00	-14.53
802.11ac VHT40 U-NII-1 High channel 5230MHz									
302.54	28.83	QP	28	1.1	H	-11.62	17.21	46.00	-28.79
302.54	42.89	QP	92	1.2	V	-11.62	31.27	46.00	-14.73
4538.89	36.98	PK	266	1.6	H	-1.93	35.05	74.00	-38.95
4538.89	30.99	Ave	266	1.6	H	-1.93	29.06	54.00	-24.94
5140.39	47.41	PK	240	1.7	H	-1.06	46.35	74.00	-27.65
5140.39	40.57	Ave	240	1.7	H	-1.06	39.51	54.00	-14.49
10460.00	41.59	PK	95	1.2	H	5.28	46.87	74.00	-27.13
10460.00	36.97	Ave	95	1.2	H	5.28	42.25	54.00	-11.75

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dBμV)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dBμV/m)	(dBμV/m)	(dB)
802.11ac VHT80 U-NII-1 Middle channel 5210MHz									
302.54	27.38	QP	279	1.9	H	-11.62	15.76	46.00	-30.24
302.54	44.02	QP	358	1.3	V	-11.62	32.40	46.00	-13.60
4520.59	29.84	PK	346	1.9	H	-1.88	27.96	74.00	-46.04
4520.59	42.53	Ave	346	1.9	H	-1.88	40.65	54.00	-13.35
5126.80	38.31	PK	166	1.5	H	-1.06	37.25	74.00	-36.75
5126.80	46.47	Ave	166	1.5	H	-1.06	45.41	54.00	-8.59
10420.00	41.19	PK	8	1.3	H	4.65	45.84	74.00	-28.16
10420.00	36.80	Ave	8	1.3	H	4.65	41.45	54.00	-12.55

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)
802.11a U-NII-3 Low Channel 5745MHz									
302.54	38.31	QP	17	1.3	H	-11.62	26.69	46.00	-19.31
302.54	43.11	QP	214	1.6	V	-11.62	31.49	46.00	-14.51
4528.00	50.24	PK	222	1.7	H	-2.06	48.18	74.00	-25.82
4528.00	41.53	Ave	222	1.7	H	-2.06	39.47	54.00	-14.53
5379.36	40.90	PK	213	1.7	H	5.93	46.83	74.00	-27.17
5379.36	35.99	Ave	213	1.7	H	5.93	41.92	54.00	-12.08
11490.00	45.02	PK	39	1.5	H	-1.25	43.77	74.00	-30.23
11490.00	39.91	Ave	39	1.5	H	-1.25	38.66	54.00	-15.34
802.11a U-NII-3 Middle channel 5785MHz									
302.54	38.06	QP	116	1.7	H	-11.62	26.44	46.00	-19.56
302.54	41.81	QP	319	1.4	V	-11.62	30.19	46.00	-15.81
4517.36	49.46	PK	141	1.4	H	-2.03	47.43	74.00	-26.57
4517.36	40.96	Ave	141	1.4	H	-2.03	38.93	54.00	-15.07
5364.99	39.85	PK	59	1.0	H	5.81	45.66	74.00	-28.34
5364.99	37.09	Ave	59	1.0	H	5.81	42.90	54.00	-11.10
11570.00	45.59	PK	253	1.3	H	-1.22	44.37	74.00	-29.63
11570.00	38.48	Ave	253	1.3	H	-1.22	37.26	54.00	-16.74
802.11a U-NII-3 High channel 5825MHz									
302.54	36.75	QP	293	1.1	H	-11.62	25.13	46.00	-20.87
302.54	41.50	QP	254	1.6	V	-11.62	29.88	46.00	-16.12
4530.99	48.49	PK	347	1.4	H	-1.84	46.65	74.00	-27.35
4530.99	40.91	Ave	347	1.4	H	-1.84	39.07	54.00	-14.93
5381.46	40.96	PK	312	1.7	H	5.84	46.80	74.00	-27.20
5381.46	36.83	Ave	312	1.7	H	5.84	42.67	54.00	-11.33
11650.00	46.25	PK	52	1.2	H	-1.30	44.95	74.00	-29.05
11650.00	39.71	Ave	52	1.2	H	-1.30	38.41	54.00	-15.59

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 HT20 U-NII-3 Low Channel 5745MHz									
302.54	27.12	QP	52	1.7	H	-11.62	15.50	46.00	-30.50
302.54	39.41	QP	238	1.3	V	-11.62	27.79	46.00	-18.21
4512.19	41.17	PK	309	1.9	H	-2.06	39.11	74.00	-34.89
4512.19	45.62	Ave	309	1.9	H	-2.06	43.56	54.00	-10.44
5356.02	36.12	PK	339	1.3	H	5.93	42.05	74.00	-31.95
5356.02	39.88	Ave	339	1.3	H	5.93	45.81	54.00	-8.19
11490.00	46.85	PK	199	1.8	H	-1.25	45.60	74.00	-28.40
11490.00	38.58	Ave	199	1.8	H	-1.25	37.33	54.00	-16.67
802.11n HT20 U-NII-3 Middle channel 5785MHz									
302.54	28.20	QP	70	1.8	H	-11.62	16.58	46.00	-29.42
302.54	41.07	QP	319	1.7	V	-11.62	29.45	46.00	-16.55
4511.00	39.71	PK	80	1.4	H	-2.03	37.68	74.00	-36.32
4511.00	46.29	Ave	80	1.4	H	-2.03	44.26	54.00	-9.74
5371.51	35.86	PK	321	1.0	H	5.81	41.67	74.00	-32.33
5371.51	38.77	Ave	321	1.0	H	5.81	44.58	54.00	-9.42
11570.00	46.01	PK	161	1.4	H	-1.22	44.79	74.00	-29.21
11570.00	39.82	Ave	161	1.4	H	-1.22	38.60	54.00	-15.40
802.11n HT20 U-NII-3 High channel 5825MHz									
302.54	29.55	QP	105	1.1	H	-11.62	17.93	46.00	-28.07
302.54	40.34	QP	78	1.5	V	-11.62	28.72	46.00	-17.28
4538.54	41.11	PK	74	1.1	H	-1.84	39.27	74.00	-34.73
4538.54	47.67	Ave	74	1.1	H	-1.84	45.83	54.00	-8.17
5374.57	36.20	PK	125	1.7	H	5.84	42.04	74.00	-31.96
5374.57	40.24	Ave	125	1.7	H	5.84	46.08	54.00	-7.92
11650.00	45.07	PK	280	1.1	H	-1.30	43.77	74.00	-30.23
11650.00	38.37	Ave	280	1.1	H	-1.30	37.07	54.00	-16.93

Frequency	Receiver Reading	Detector	Turn table Angle	RX Antenna		Corrected Factor	Corrected Amplitude	FCC Part 15.407/209/205	
				Height	Polar			Limit	Margin
(MHz)	(dB μ V)	(PK/QP/Ave)	Degree	(m)	(H/V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)
802.11n HT40 U-NII-3 Low Channel 5755MHz									
302.54	30.00	QP	341	1.4	H	-11.62	18.38	46.00	-27.62
302.54	42.48	QP	229	1.8	V	-11.62	30.86	46.00	-15.14
4534.15	37.46	PK	238	1.5	H	-1.96	35.50	74.00	-38.50
4534.15	31.17	Ave	238	1.5	H	-1.96	29.21	54.00	-24.79
5368.94	39.54	PK	44	1.8	H	5.88	45.42	74.00	-28.58
5368.94	34.95	Ave	44	1.8	H	5.88	40.83	54.00	-13.17
11510.00	46.11	PK	47	1.5	H	-1.01	45.10	74.00	-28.90
11510.00	38.20	Ave	47	1.5	H	-1.01	37.19	54.00	-16.81
802.11n HT40 U-NII-3 High channel 5795MHz									
302.54	30.07	QP	350	1.2	H	-11.62	18.45	46.00	-27.55
302.54	41.50	QP	307	1.9	V	-11.62	29.88	46.00	-16.12
4537.46	38.22	PK	283	1.7	H	-1.92	36.30	74.00	-37.70
4537.46	31.53	Ave	283	1.7	H	-1.92	29.61	54.00	-24.39
5375.81	40.41	PK	115	1.7	H	5.63	46.04	74.00	-27.96
5375.81	37.79	Ave	115	1.7	H	5.63	43.42	54.00	-10.58
11590.00	45.20	PK	82	1.3	H	-1.04	44.16	74.00	-29.84
11590.00	39.38	Ave	82	1.3	H	-1.04	38.34	54.00	-15.66

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)
802.11ac VHT20 U-NII-3 Low Channel 5745MHz									
302.54	30.55	QP	39	1.6	H	-11.62	18.93	46.00	-27.07
302.54	42.68	QP	326	1.1	V	-11.62	31.06	46.00	-14.94
4500.60	41.87	PK	78	1.6	H	-1.92	39.95	74.00	-34.05
4500.60	33.61	Ave	78	1.6	H	-1.92	31.69	54.00	-22.31
5354.24	39.37	PK	199	1.1	H	5.93	45.30	74.00	-28.70
5354.24	35.55	Ave	199	1.1	H	5.93	41.48	54.00	-12.52
11490.00	45.60	PK	18	1.5	H	-1.03	44.57	74.00	-29.43
11490.00	37.36	Ave	18	1.5	H	-1.03	36.33	54.00	-17.67
802.11ac VHT20 U-NII-3 Middle channel 5785MHz									
302.54	30.13	QP	268	1.4	H	-11.62	18.51	46.00	-27.49
302.54	43.50	QP	338	2.0	V	-11.62	31.88	46.00	-14.12
4523.15	41.60	PK	245	1.5	H	-1.97	39.63	74.00	-34.37
4523.15	34.55	Ave	245	1.5	H	-1.97	32.58	54.00	-21.42
5380.41	41.39	PK	296	1.1	H	5.81	47.20	74.00	-26.80
5380.41	37.38	Ave	296	1.1	H	5.81	43.19	54.00	-10.81
11570.00	46.34	PK	100	1.5	H	-1.05	45.29	74.00	-28.71
11570.00	39.99	Ave	100	1.5	H	-1.05	38.94	54.00	-15.06
802.11ac VHT20 U-NII-3 High channel 5825MHz									
302.54	30.82	QP	42	1.0	H	-11.62	19.20	46.00	-26.80
302.54	44.10	QP	319	2.0	V	-11.62	32.48	46.00	-13.52
4509.64	41.84	PK	256	1.1	H	-1.88	39.96	74.00	-34.04
4509.64	34.74	Ave	256	1.1	H	-1.88	32.86	54.00	-21.14
5388.14	40.28	PK	64	1.7	H	5.84	46.12	74.00	-27.88
5388.14	37.00	Ave	64	1.7	H	5.84	42.84	54.00	-11.16
11650.00	45.03	PK	8	1.1	H	-1.06	43.97	74.00	-30.03
11650.00	38.27	Ave	8	1.1	H	-1.06	37.21	54.00	-16.79

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									
302.54	29.13	QP	226	1.7	H	-11.62	17.51	46.00	-28.49
302.54	43.79	QP	106	1.6	V	-11.62	32.17	46.00	-13.83
4536.17	35.47	PK	353	1.4	H	-1.92	33.55	74.00	-40.45
4536.17	29.67	Ave	353	1.4	H	-1.92	27.75	54.00	-26.25
5389.54	38.60	PK	104	1.6	H	5.88	44.48	74.00	-29.52
5389.54	35.46	Ave	104	1.6	H	5.88	41.34	54.00	-12.66
11510.00	46.51	PK	120	1.3	H	-1.07	45.44	74.00	-28.56
11510.00	38.72	Ave	120	1.3	H	-1.07	37.65	54.00	-16.35
802.11ac VHT40 U-NII-3 High channel 5795MHz									
302.54	28.30	QP	112	1.4	H	-11.62	16.68	46.00	-29.32
302.54	44.58	QP	19	1.9	V	-11.62	32.96	46.00	-13.04
4500.06	35.38	PK	26	1.5	H	-1.86	33.52	74.00	-40.48
4500.06	29.21	Ave	26	1.5	H	-1.86	27.35	54.00	-26.65
5356.75	42.17	PK	268	1.5	H	5.63	47.80	74.00	-26.20
5356.75	36.70	Ave	268	1.5	H	5.63	42.33	54.00	-11.67
11590.00	45.78	PK	335	1.9	H	-1.03	44.75	74.00	-29.25
11590.00	37.92	Ave	335	1.9	H	-1.03	36.89	54.00	-17.11

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)
802.11ac VHT80 U-NII-3 Middle channel 5775MHz									
302.54	38.03	QP	15	1.3	H	-11.62	26.41	46.00	-19.59
302.54	44.41	QP	216	1.1	V	-11.62	32.79	46.00	-13.21
4531.80	43.05	PK	341	1.8	H	-1.85	41.20	74.00	-32.80
4531.80	41.30	Ave	341	1.8	H	-1.85	39.45	54.00	-14.55
5375.13	40.52	PK	76	1.2	H	4.83	45.35	74.00	-28.65
5375.13	36.77	Ave	76	1.2	H	4.83	41.60	54.00	-12.40
11550.00	46.54	PK	354	1.2	H	-1.14	45.40	74.00	-28.60
11550.00	38.52	Ave	354	1.2	H	-1.14	37.38	54.00	-16.62

Test Frequency: 18GHz~40GHz

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

10 Band Edge

Test Requirement:	FCC 47CFR Part 15 Section 15.407
Test Method:	ANSI C63.10-2020+A1-2024
Test Limit:	For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. All emissions outside the band 5250-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.; or All emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p. However, devices with bandwidth overlapping the band edge of 5725 MHz can meet the emission limit of -27 dBm/MHz e.i.r.p. at 5850 MHz instead of 5725 MHz. Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following: a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges; b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges; c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.
Test Result:	PASS

10.1 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 1000 kHz and VBW of spectrum analyzer to 3000 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.

10.2 Test Result

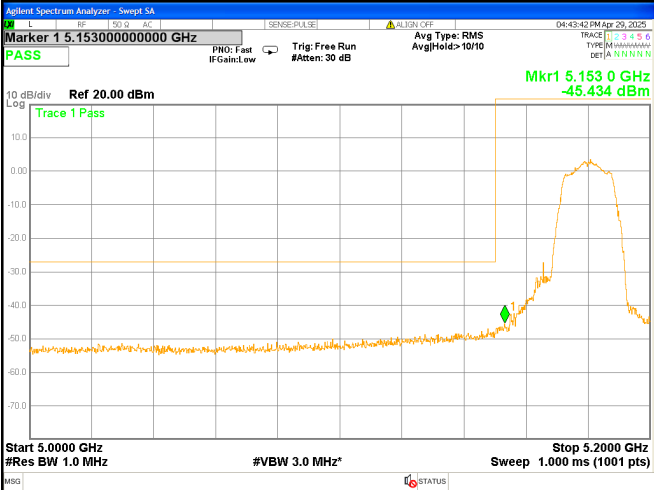
Note: Both Ant. 1 and Ant. 2 have been tested separately, and the report only shows the worst case.

Test plots shown as follows:

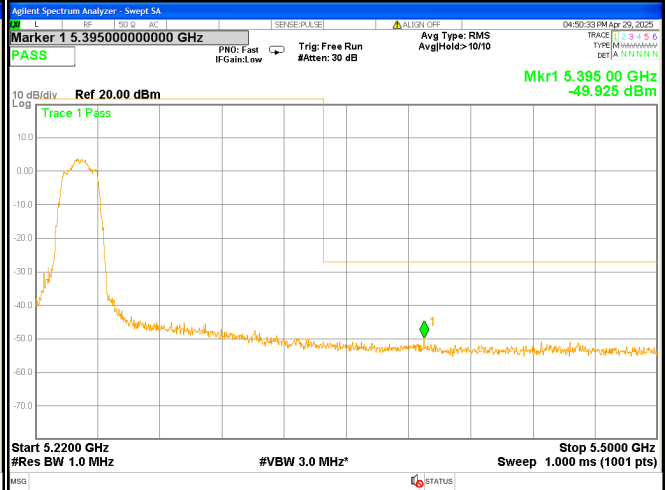
ANT 1

U-NII-1

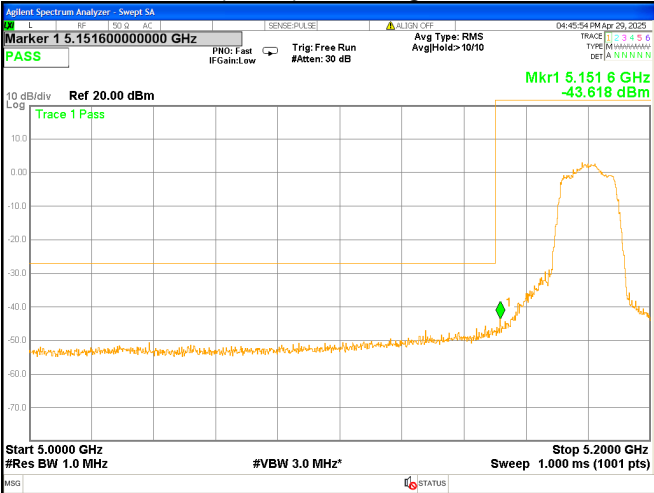
802.11a Band edge-left side



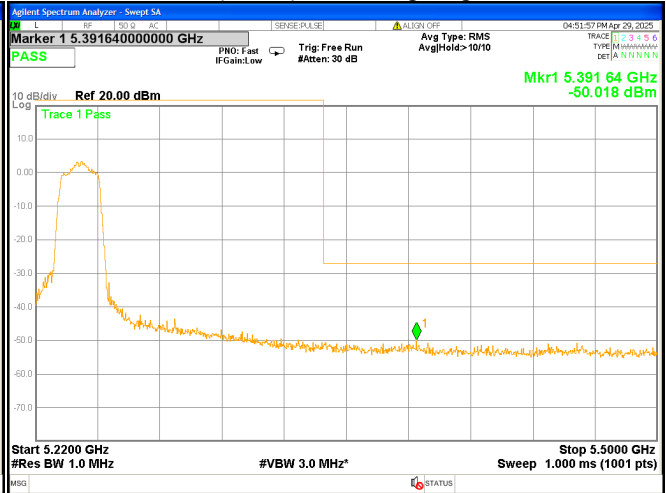
802.11a Band edge-right side



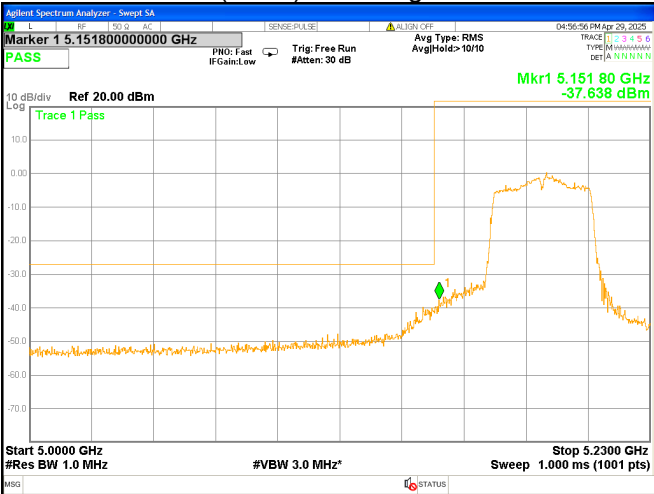
802.11n(HT20) Band edge-left side



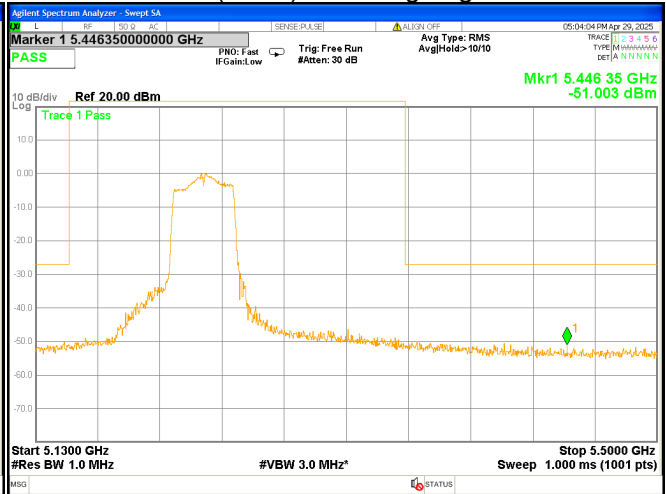
802.11n(HT20) Band edge-right side



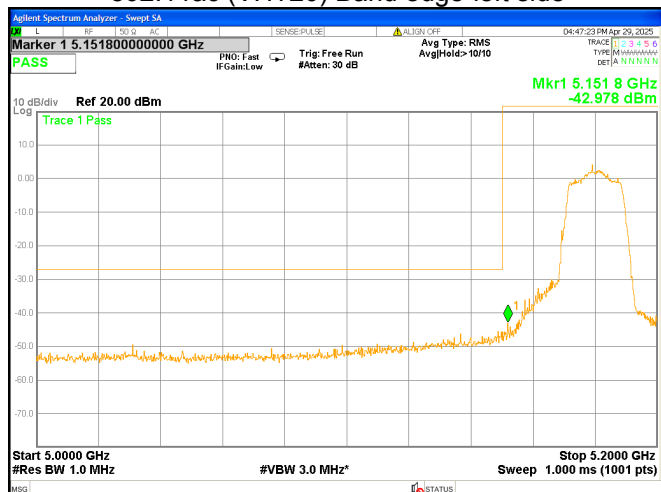
802.11n(HT40) Band edge-left side



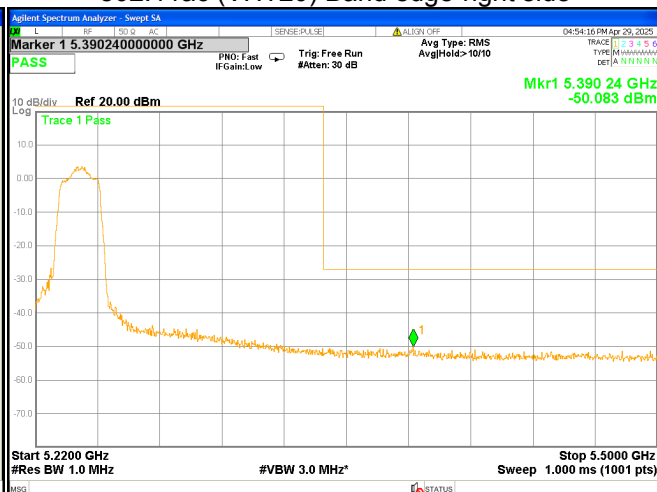
802.11n(HT40) Band edge-right side



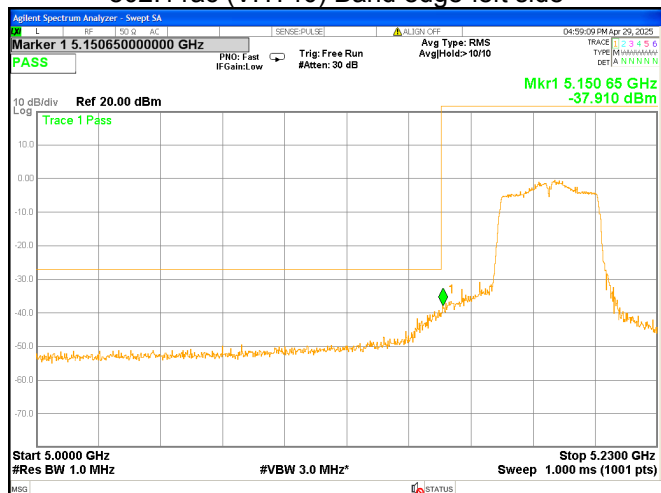
802.11ac (VHT20) Band edge-left side



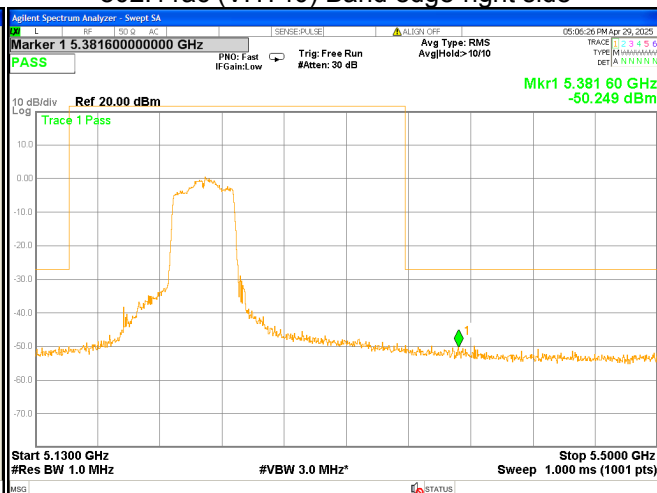
802.11ac (VHT20) Band edge-right side



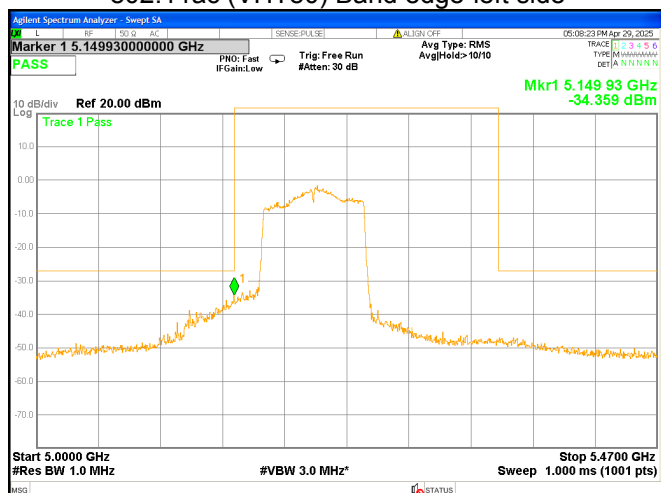
802.11ac (VHT40) Band edge-left side



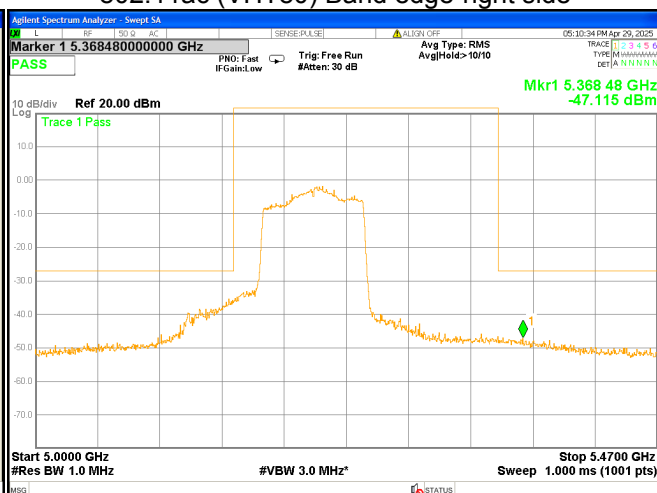
802.11ac (VHT40) Band edge-right side



802.11ac (VHT80) Band edge-left side

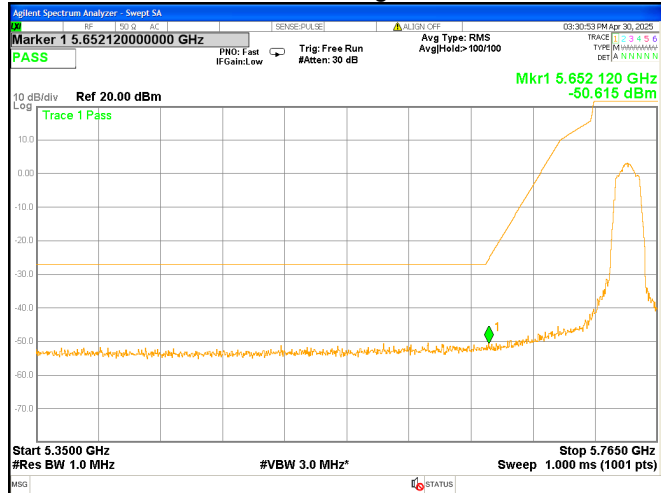


802.11ac (VHT80) Band edge-right side



U-NII-3

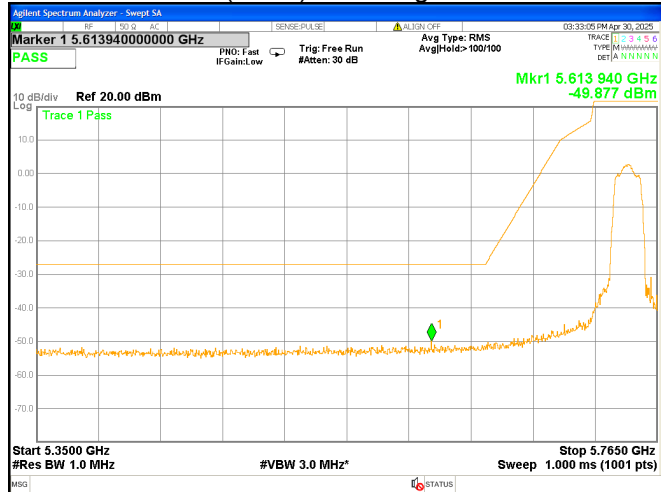
802.11a Band edge-left side



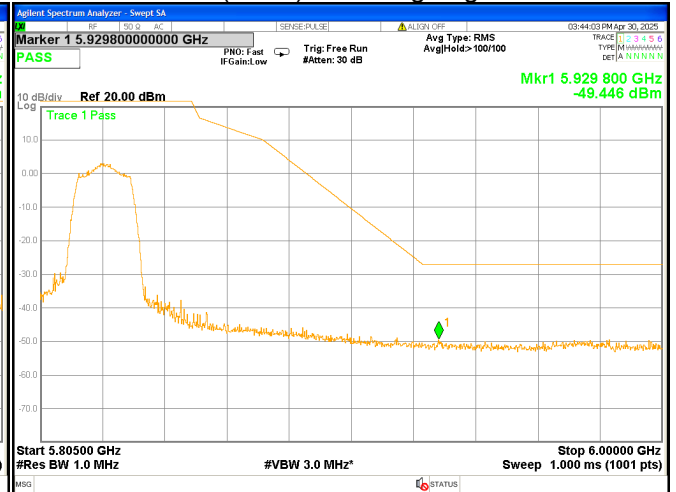
802.11a Band edge-right side



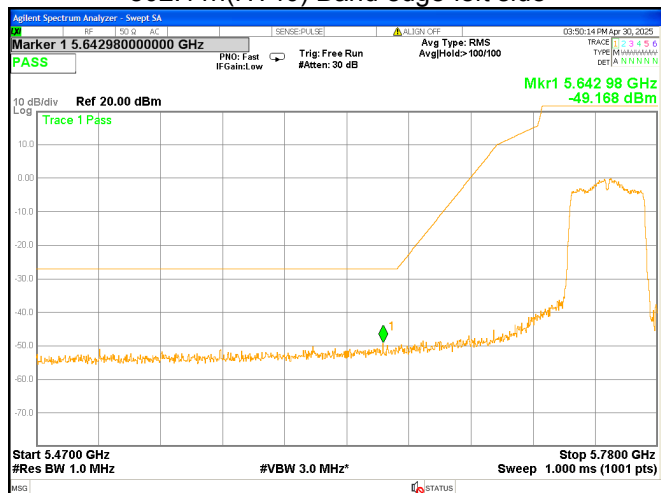
802.11n(HT20) Band edge-left side



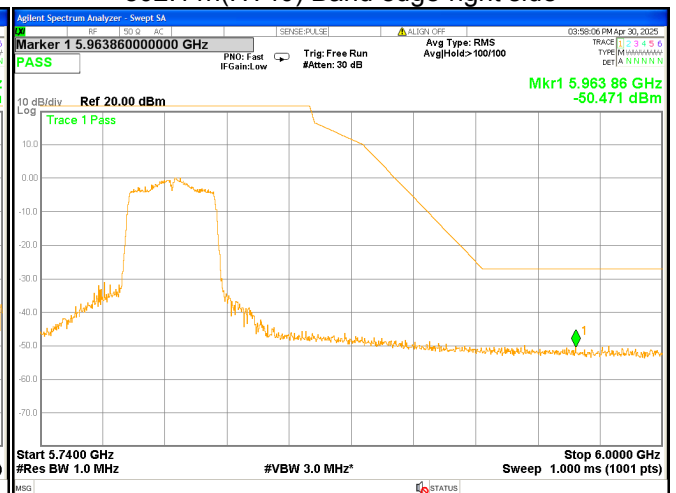
802.11n(HT20) Band edge-right side



802.11n(HT40) Band edge-left side



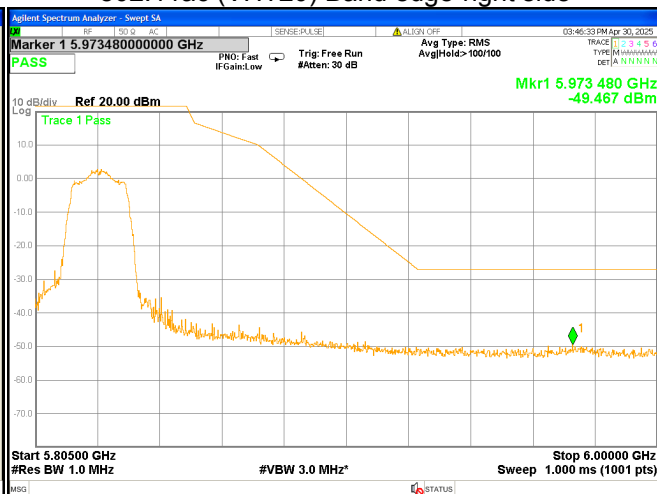
802.11n(HT40) Band edge-right side



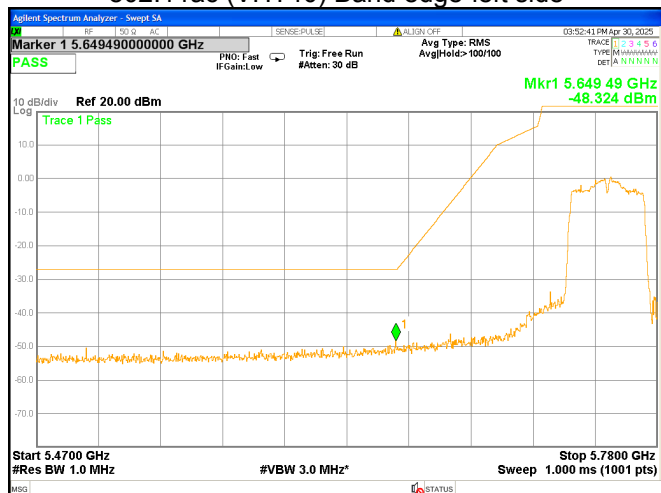
802.11ac (VHT20) Band edge-left side



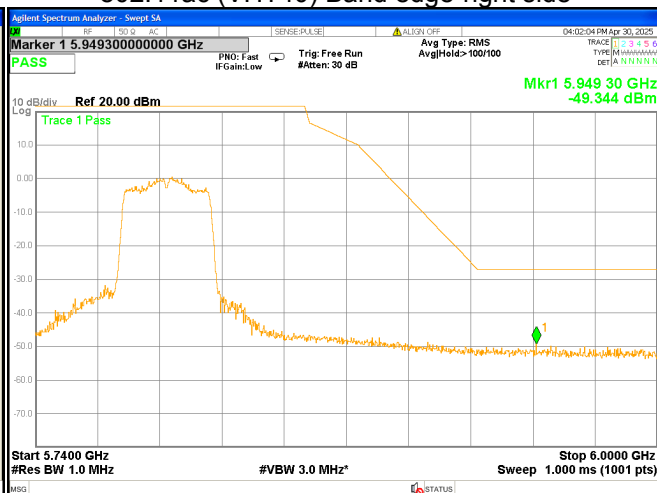
802.11ac (VHT20) Band edge-right side



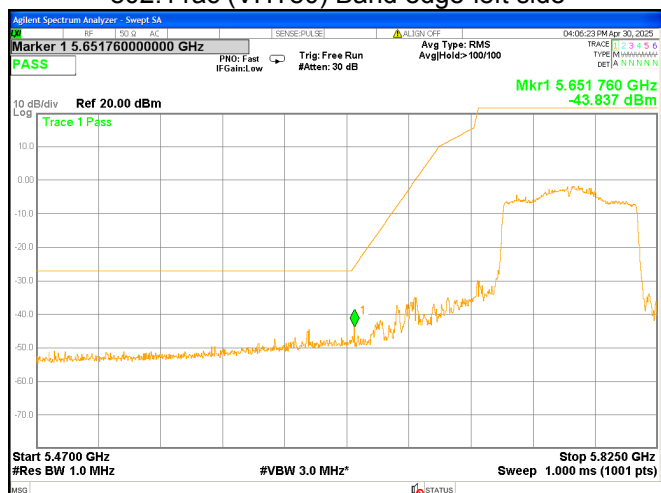
802.11ac (VHT40) Band edge-left side



802.11ac (VHT40) Band edge-right side



802.11ac (VHT80) Band edge-left side



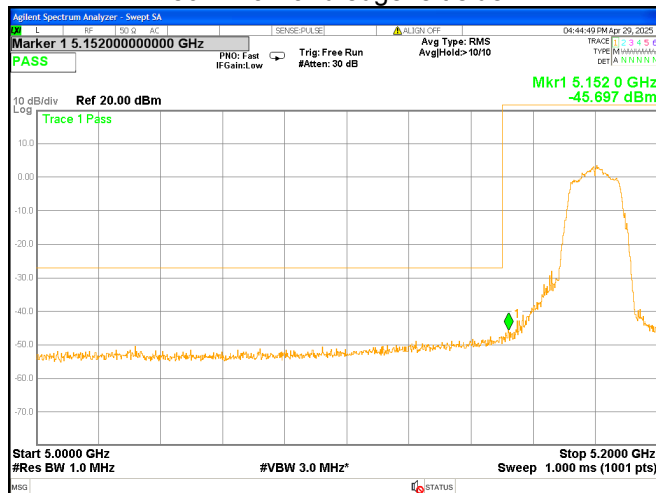
802.11ac (VHT80) Band edge-right side



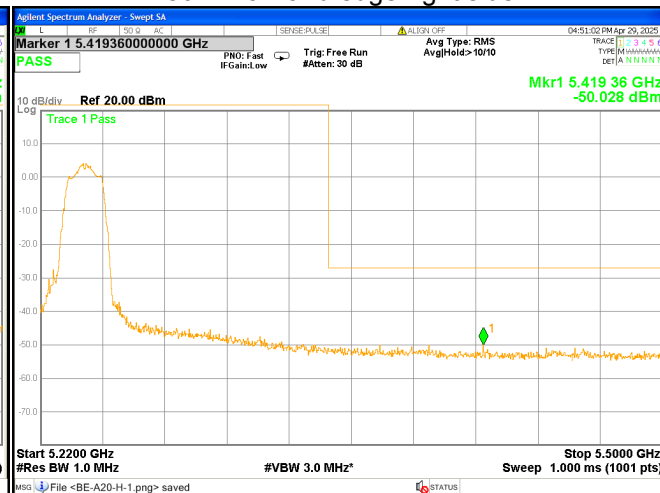
ANT 2

U-NII-1

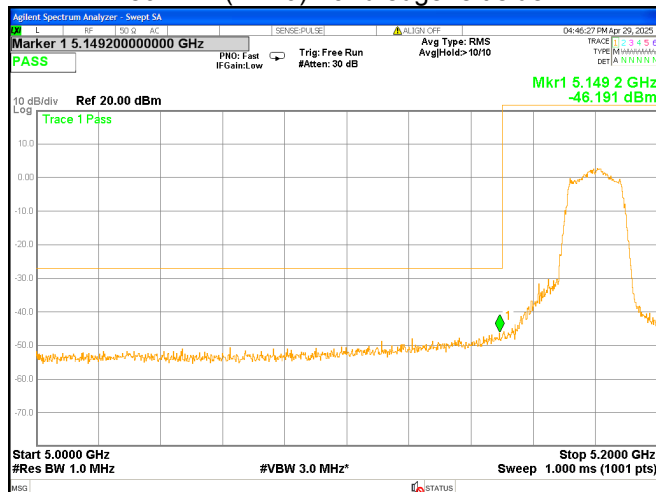
802.11a Band edge-left side



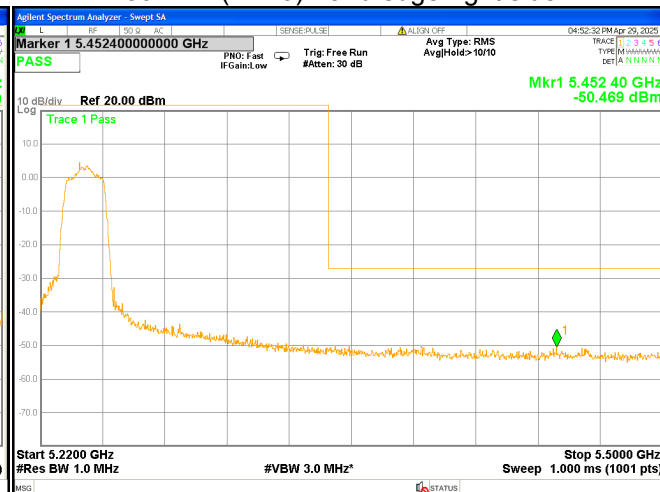
802.11a Band edge-right side



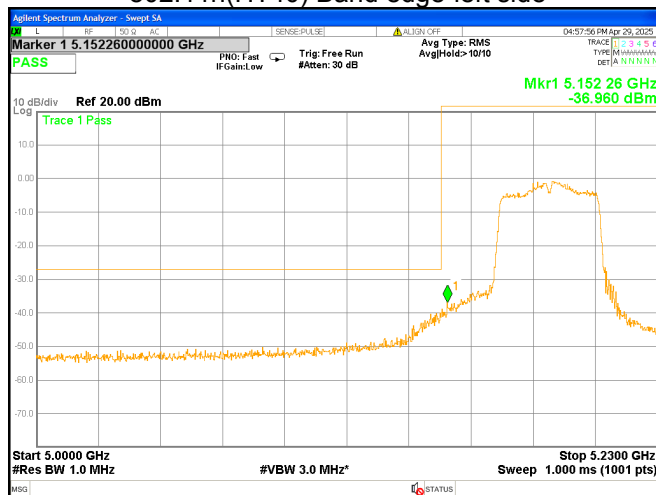
802.11n(HT20) Band edge-left side



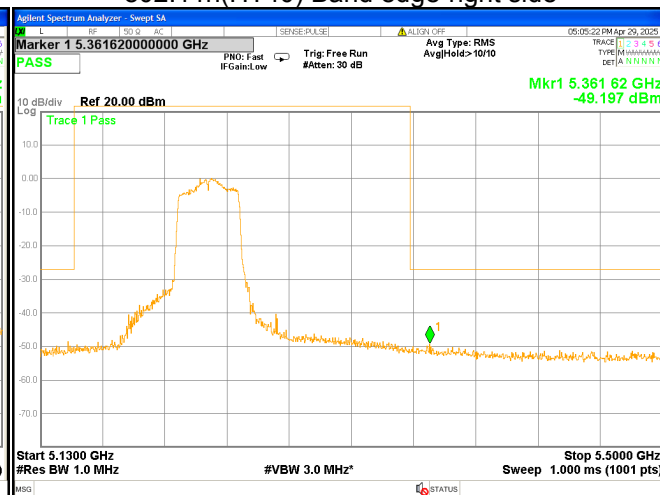
802.11n(HT20) Band edge-right side



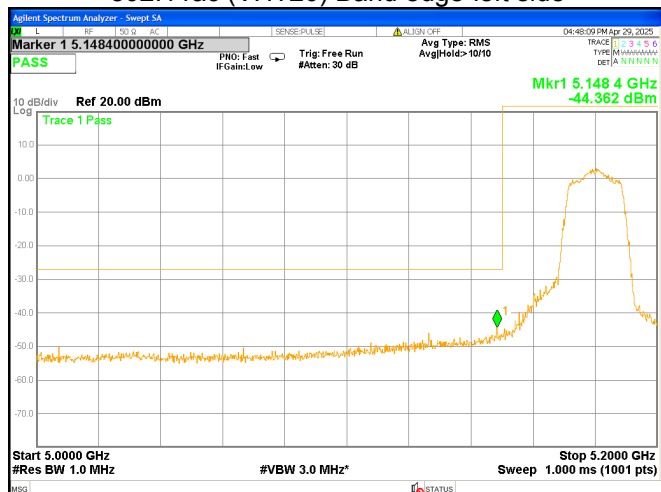
802.11n(HT40) Band edge-left side



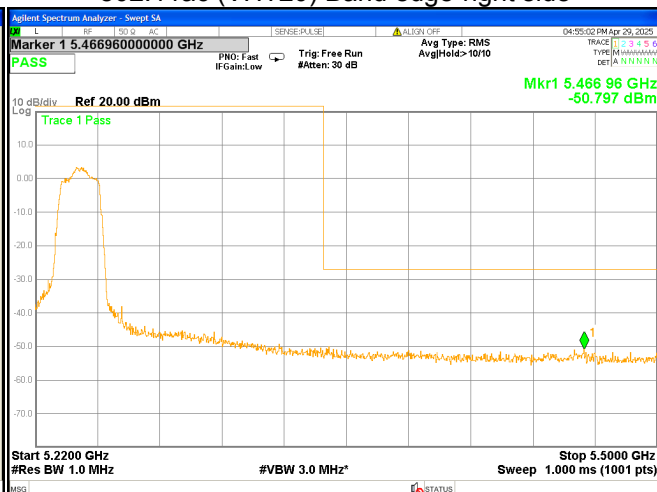
802.11n(HT40) Band edge-right side



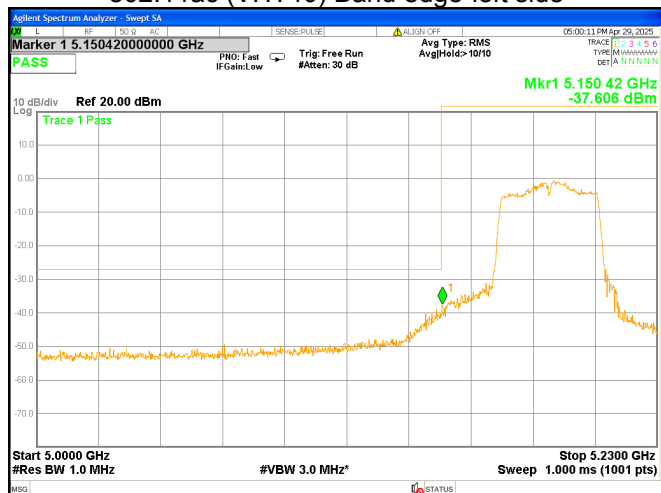
802.11ac (VHT20) Band edge-left side



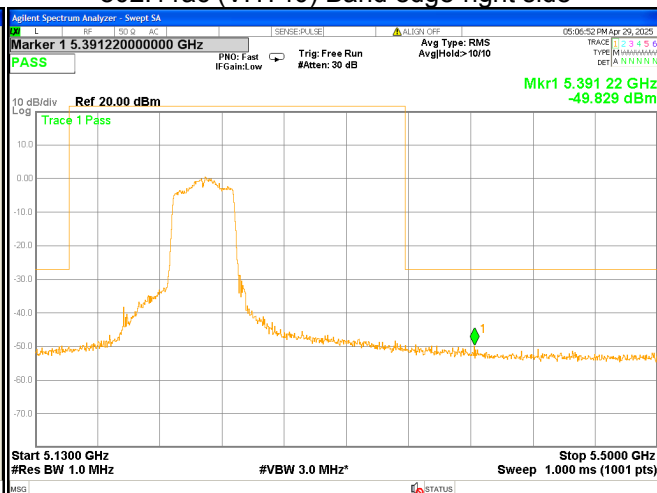
802.11ac (VHT20) Band edge-right side



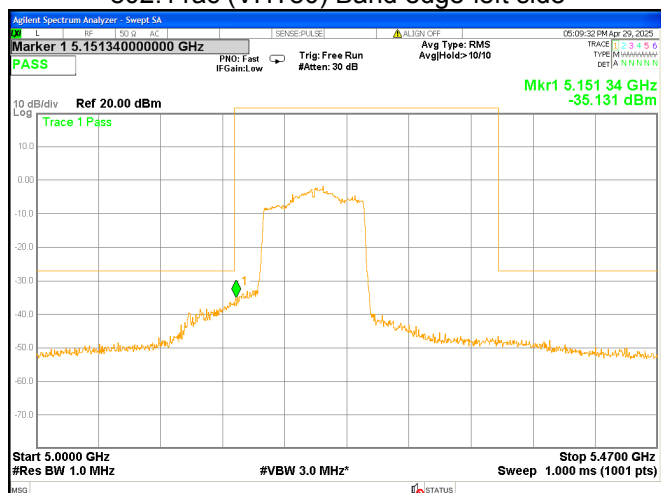
802.11ac (VHT40) Band edge-left side



802.11ac (VHT40) Band edge-right side



802.11ac (VHT80) Band edge-left side



802.11ac (VHT80) Band edge-right side

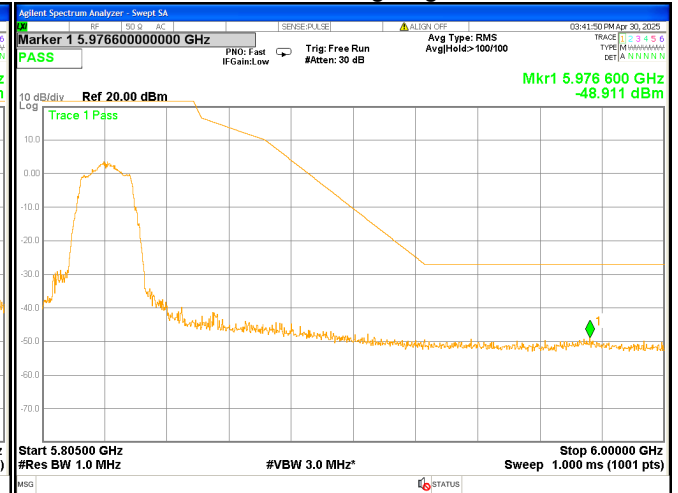


U-NII-3

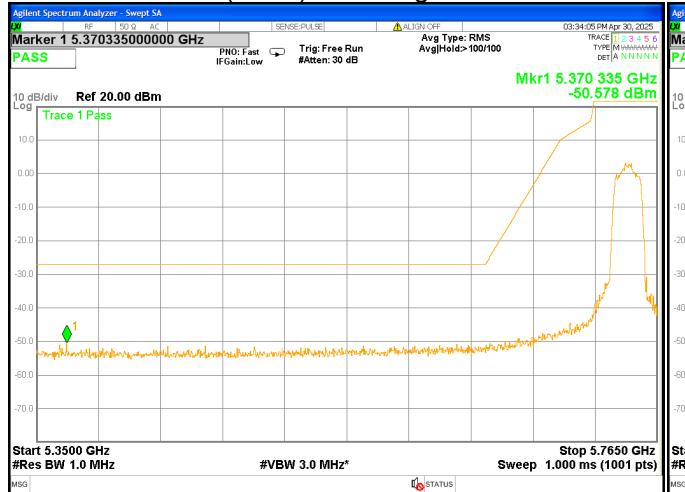
802.11a Band edge-left side



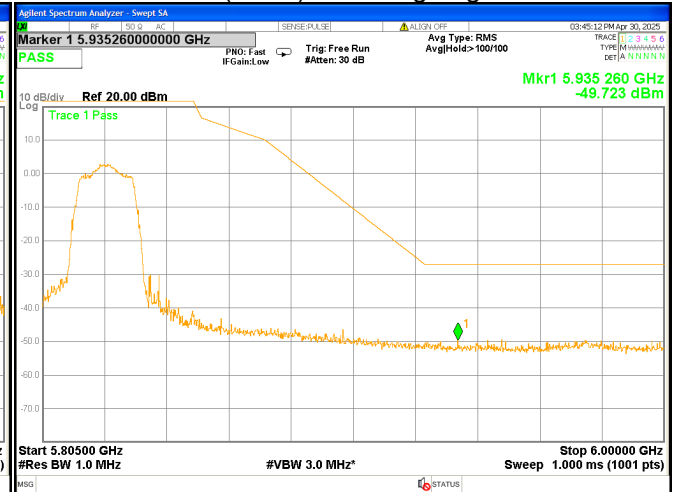
802.11a Band edge-right side



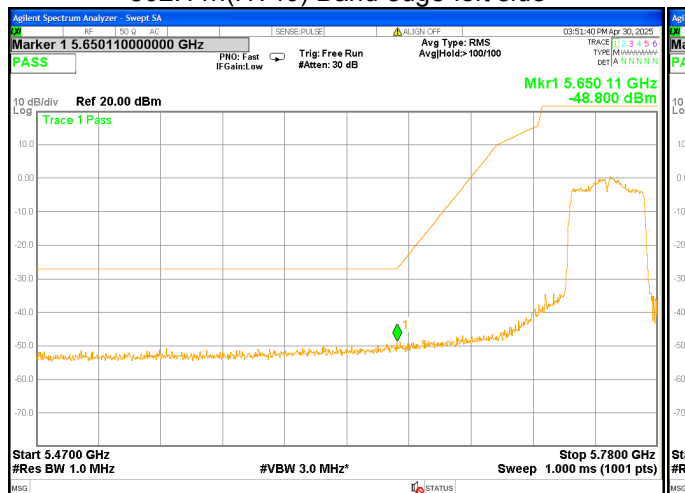
802.11n(HT20) Band edge-left side



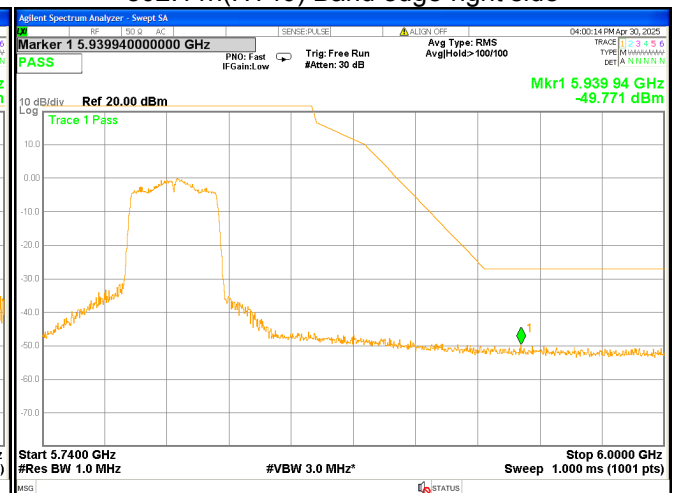
802.11n(HT20) Band edge-right side



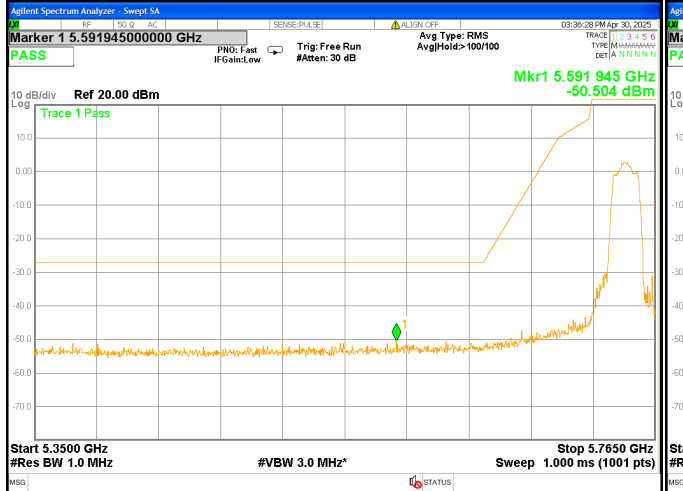
802.11n(HT40) Band edge-left side



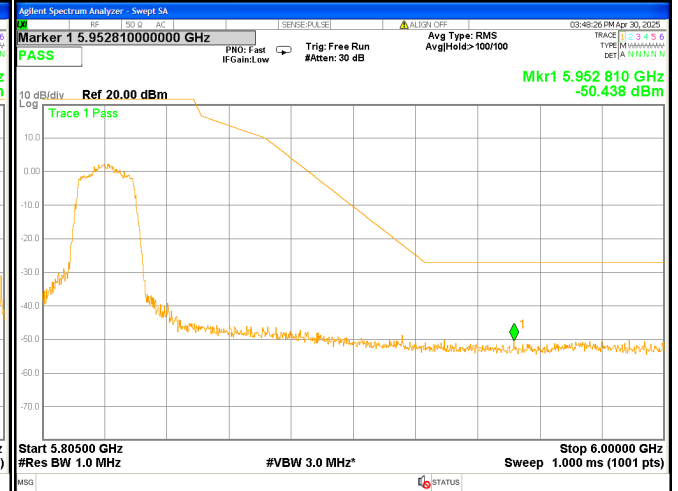
802.11n(HT40) Band edge-right side



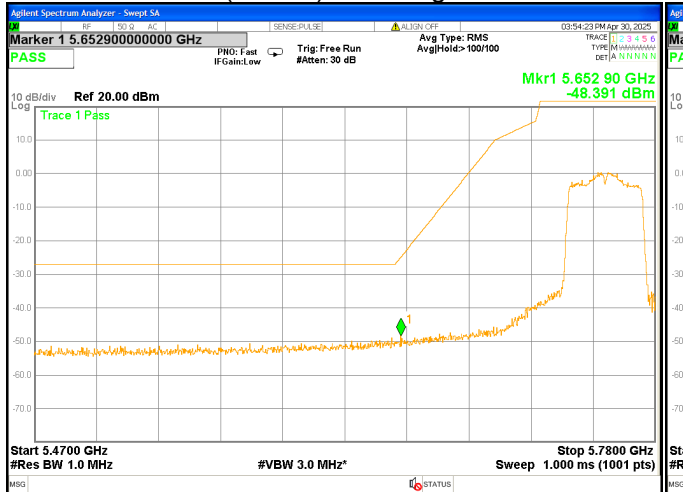
802.11ac (VHT20) Band edge-left side



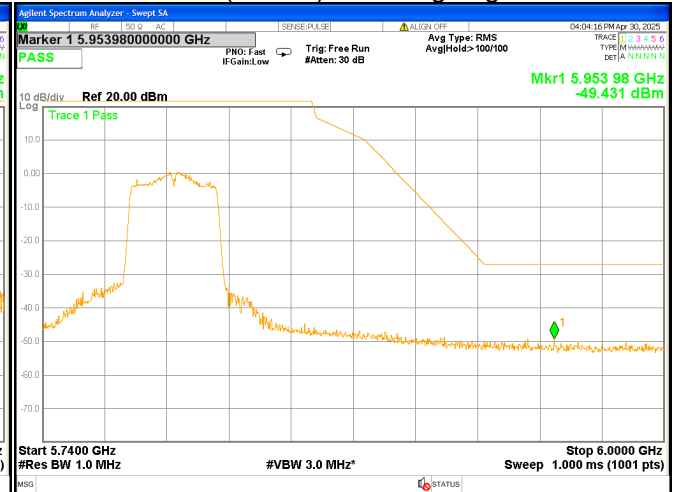
802.11ac (VHT20) Band edge-right side



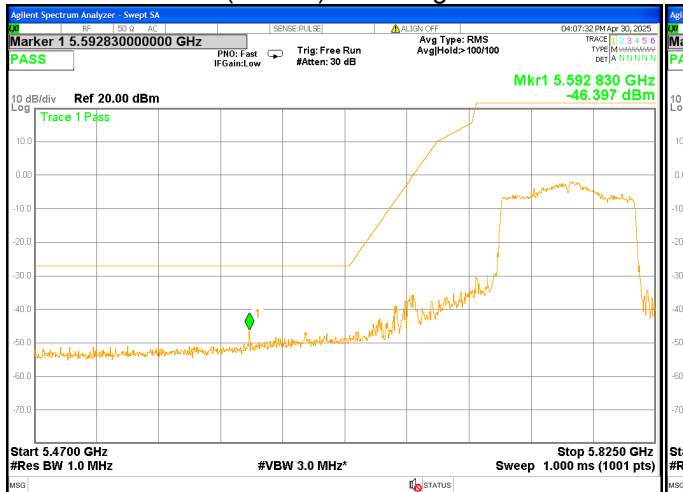
802.11ac (VHT40) Band edge-left side



802.11ac (VHT40) Band edge-right side



802.11ac (VHT80) Band edge-left side



802.11ac (VHT80) Band edge-right side



11 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

11.1 Test Procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;
2. The following procedure shall be used for measuring this bandwidth:
 - a) Set RBW = 100 kHz.
 - b) Set the video bandwidth (VBW) ≥ 3 times RBW.
 - c) Detector = Peak.
 - d) Trace mode = max hold.
 - e) Sweep = auto couple.
 - f) Allow the trace to stabilize.
 - g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

11.2 Test Result

ANT 1

Band	Operation mode	6 dB Bandwidth (MHz)		
		Low	Middle	High
U-NII-3	802.11a	16.29	16.31	16.32
	802.11n(HT20)	17.55	17.29	17.30
	802.11n(HT40)	36.31	/	36.31
	802.11ac (VHT20)	17.31	17.30	17.54
	802.11ac (VHT40)	36.30	/	36.30
	802.11ac (VHT80)	/	75.60	/

ANT 2

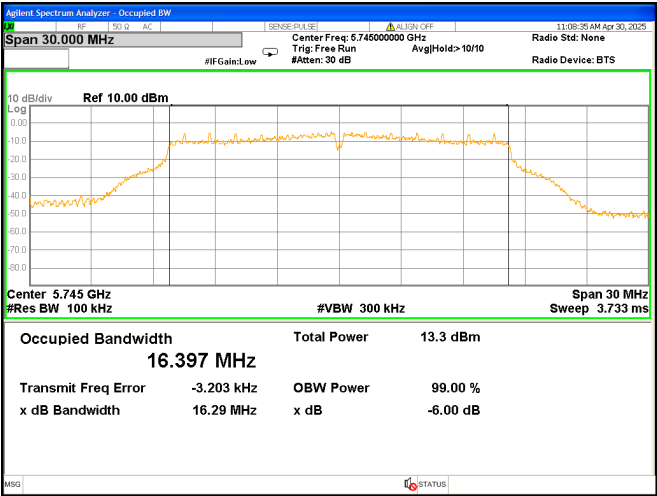
Band	Operation mode	6 dB Bandwidth (MHz)		
		Low	Middle	High
U-NII-3	802.11a	16.31	16.31	16.30
	802.11n(HT20)	17.54	17.52	17.57
	802.11n(HT40)	36.32	/	36.34
	802.11ac (VHT20)	17.55	17.17	17.04
	802.11ac (VHT40)	36.32	/	36.33
	802.11ac (VHT80)	/	75.48	/

Test plots refer to next page:

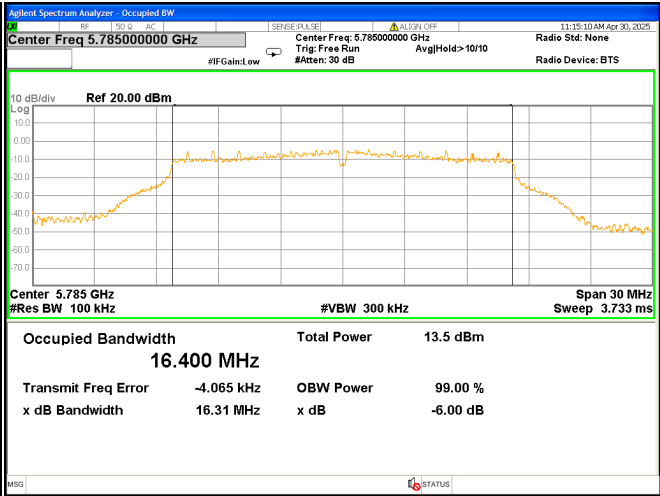
Test result plot:

ANT 1

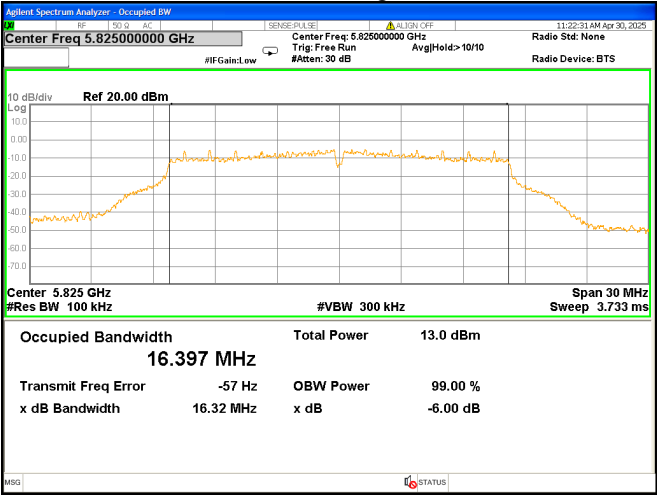
802.11a U-NII-3 Low channel



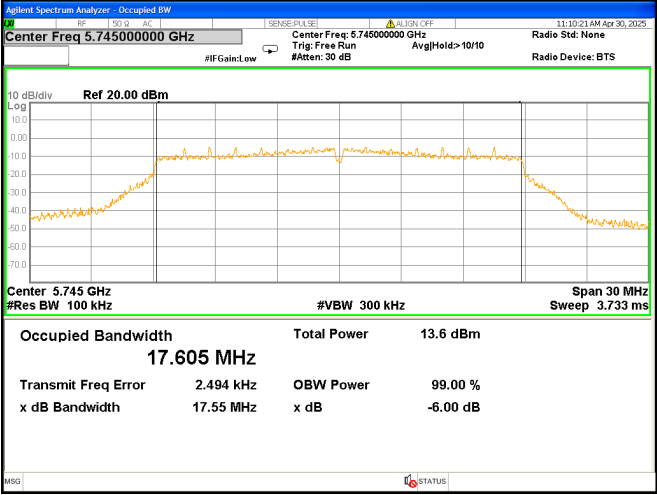
802.11a U-NII-3 Middle channel



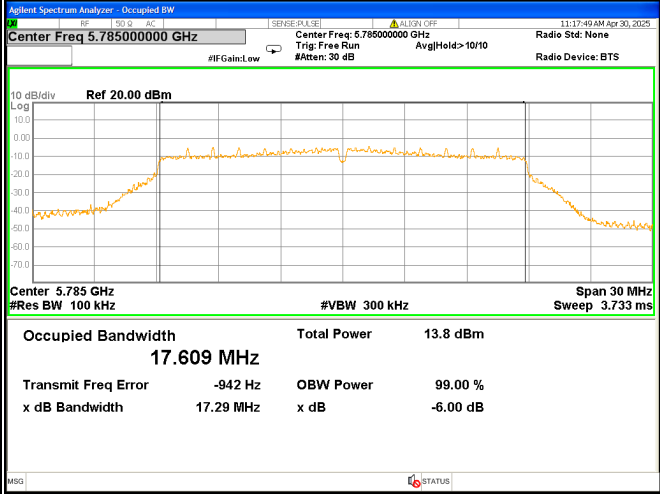
802.11a U-NII-3 High channel



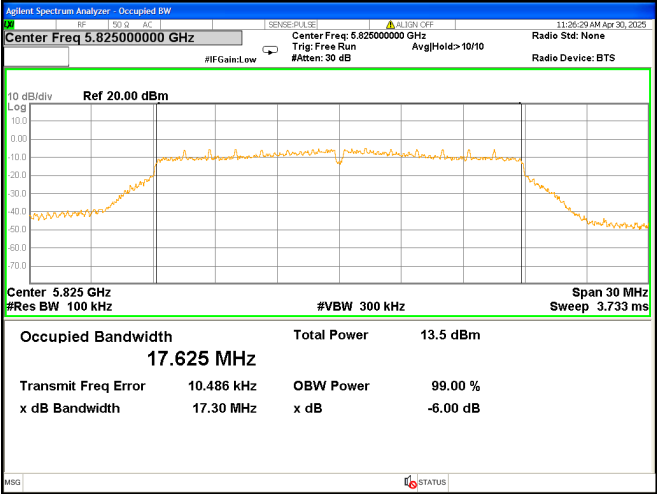
802.11n HT20 U-NII-3 Low channel



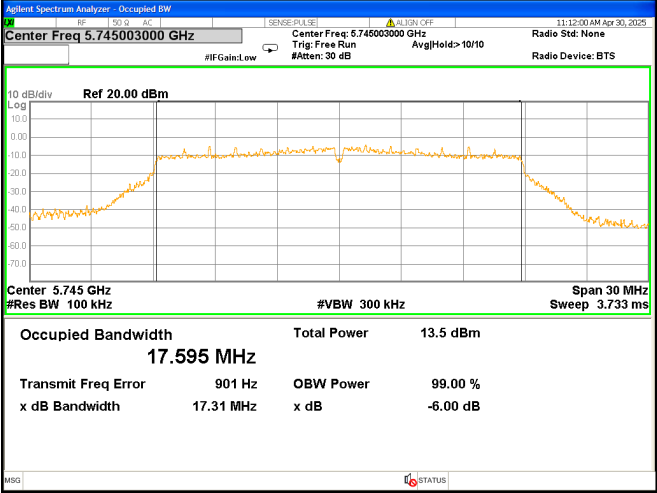
802.11n HT20 U-NII-3 Middle channel



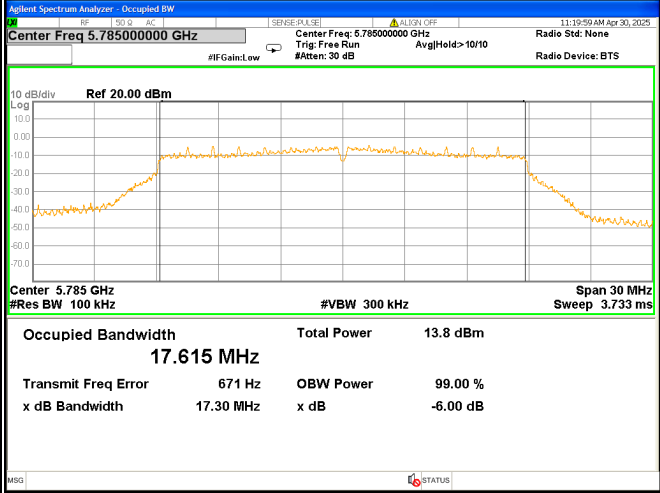
802.11n HT20 U-NII-3 High channel



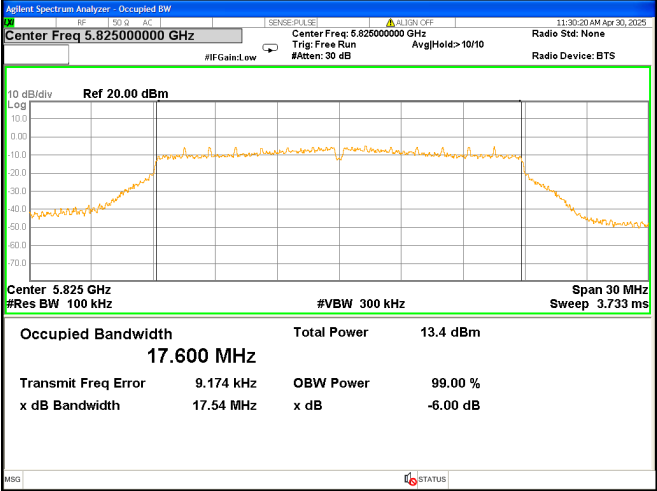
802.11ac VHT20 U-NII-3 Low channel



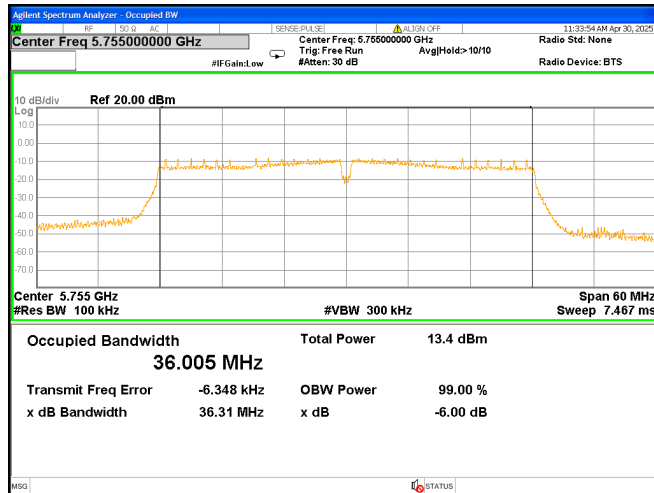
802.11ac VHT20 U-NII-3 Middle channel



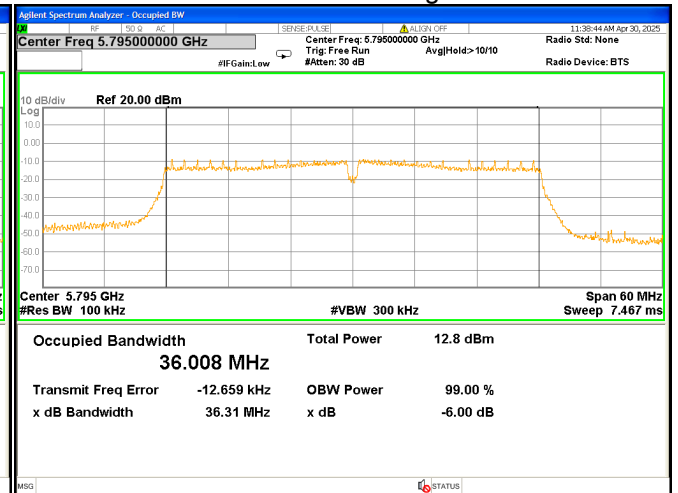
802.11ac VHT20 U-NII-3 High channel



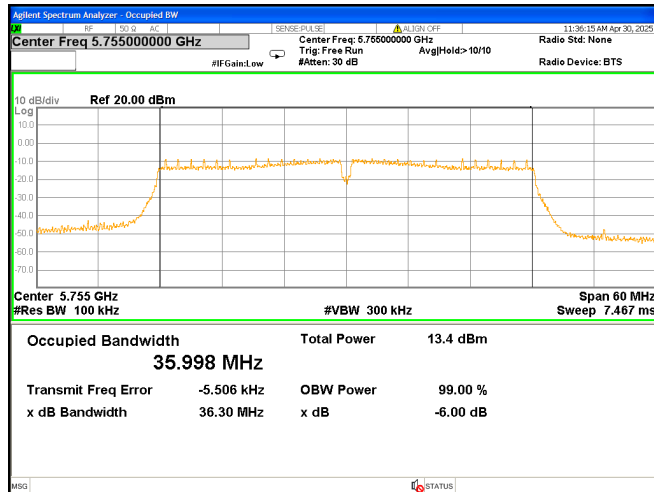
802.11n HT40 U-NII-3 Low channel



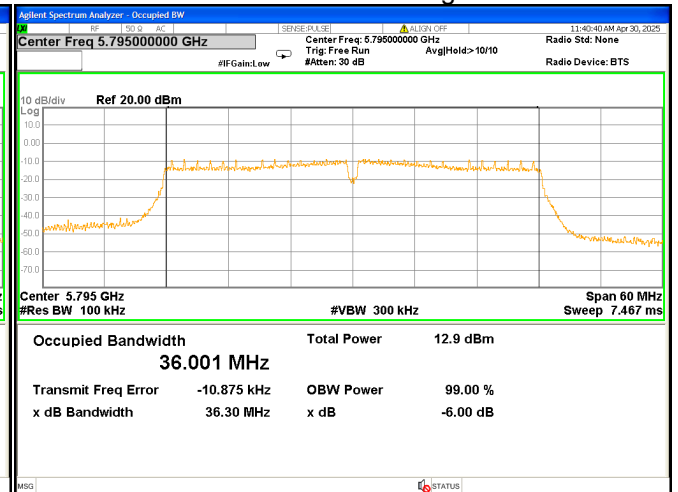
802.11n HT40 U-NII-3 High channel



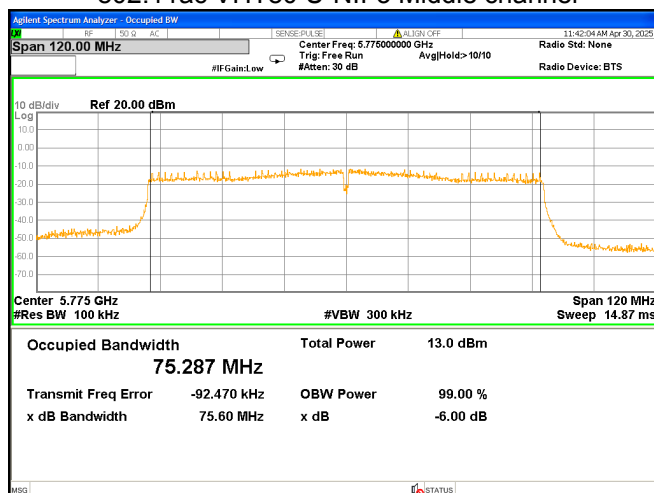
802.11ac VHT40 U-NII-3 Low channel



802.11ac VHT40 U-NII-3 High channel

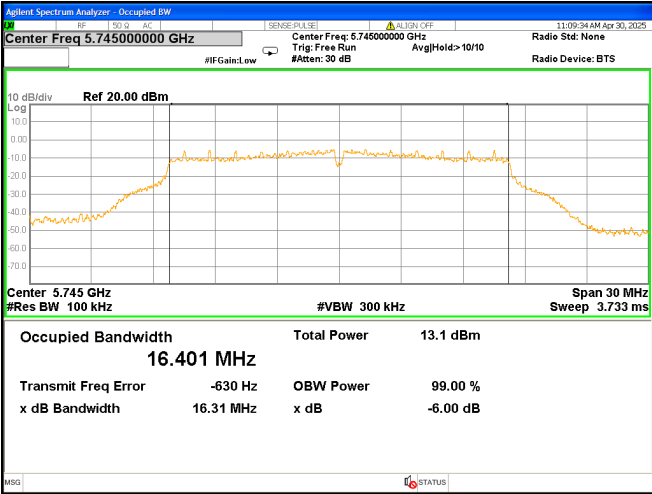


802.11ac VHT80 U-NII-3 Middle channel

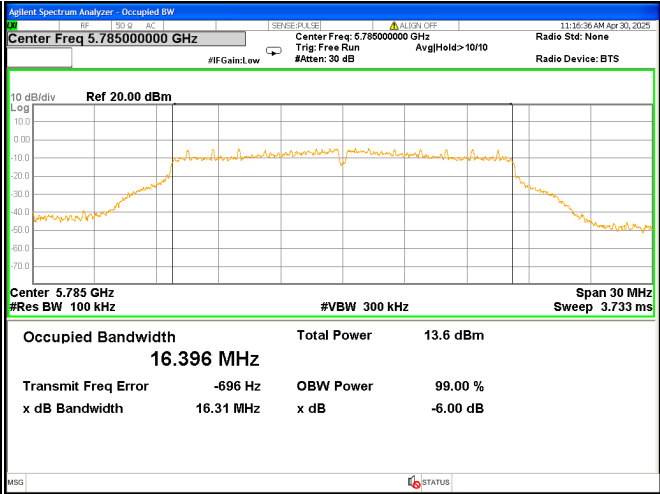


ANT 2

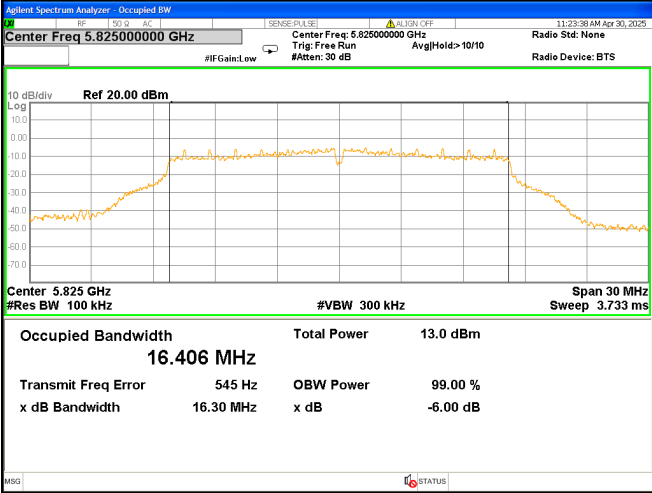
802.11a U-NII-3 Low channel



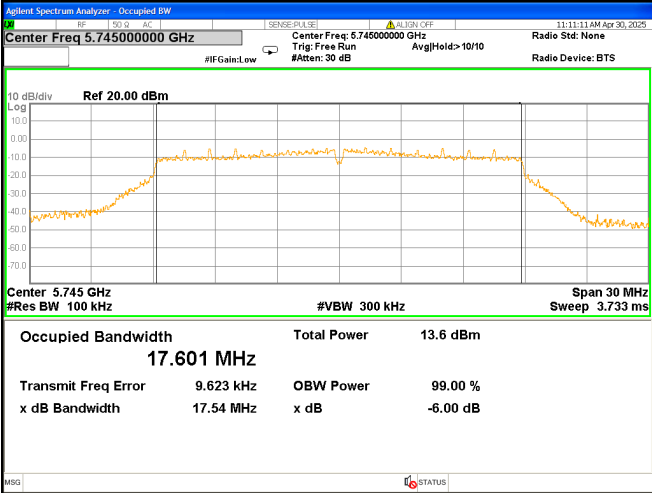
802.11a U-NII-3 Middle channel



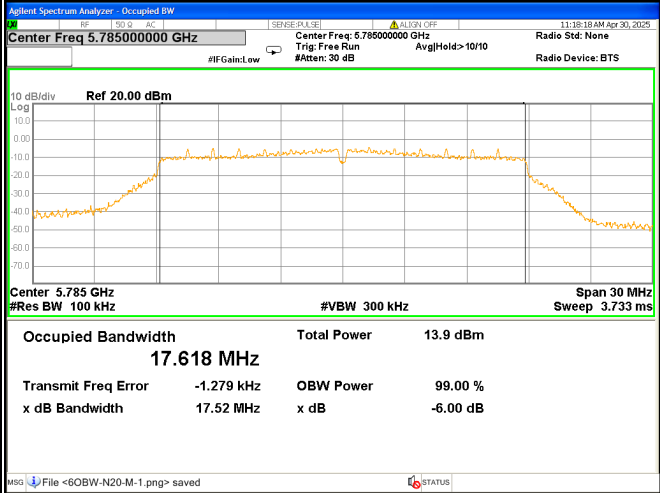
802.11a U-NII-3 High channel



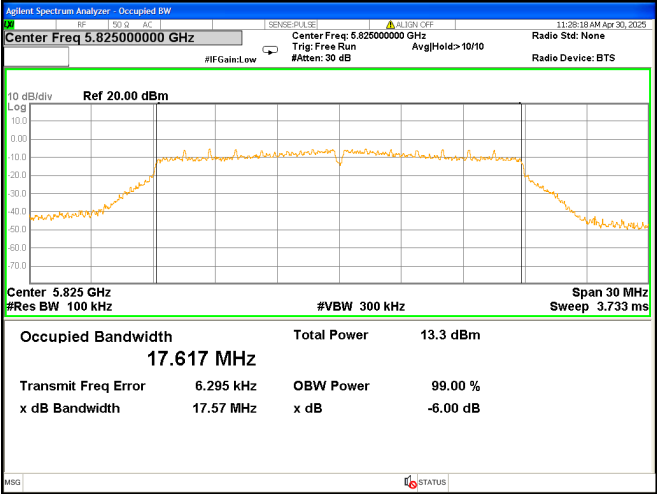
802.11n HT20 U-NII-3 Low channel



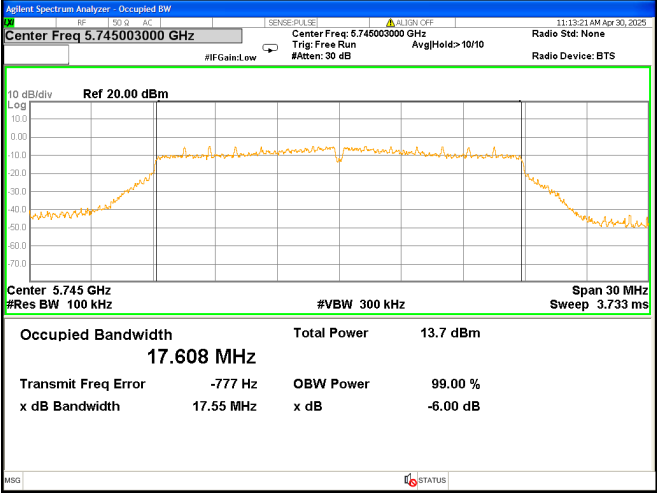
802.11n HT20 U-NII-3 Middle channel



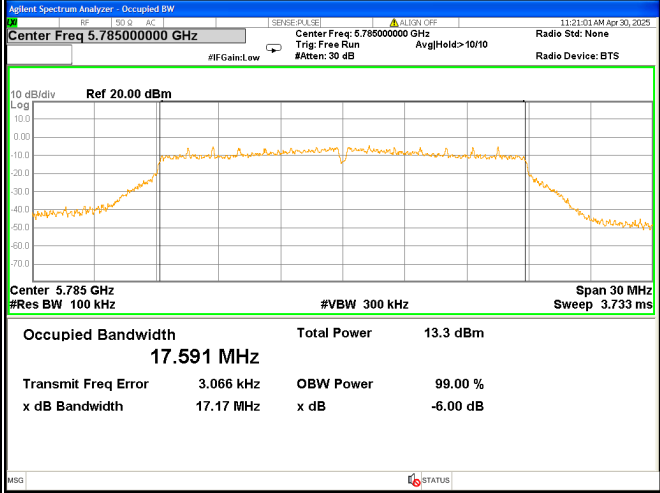
802.11n HT20 U-NII-3 High channel



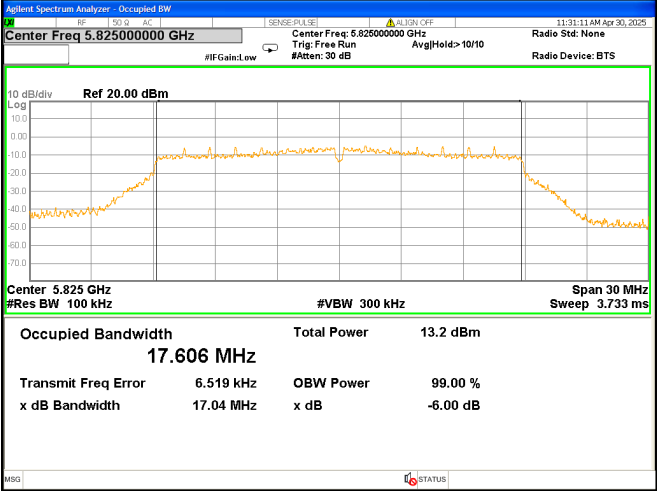
802.11ac VHT20 U-NII-3 Low channel



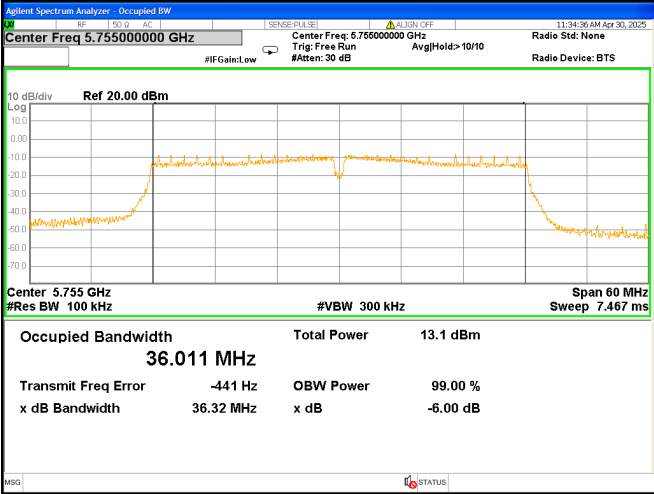
802.11ac VHT20 U-NII-3 Middle channel



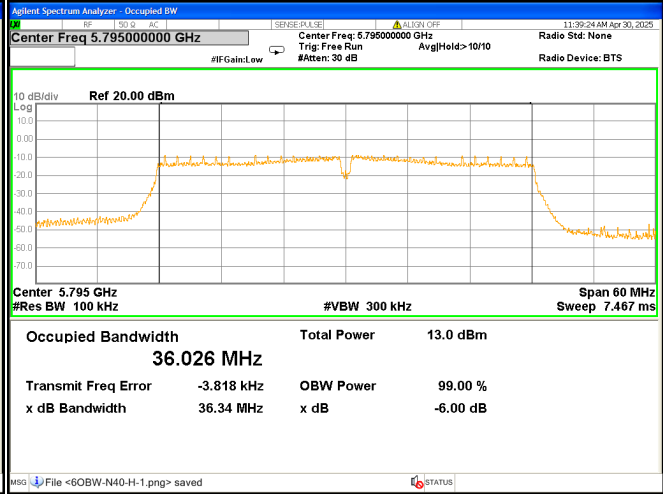
802.11ac VHT20 U-NII-3 High channel



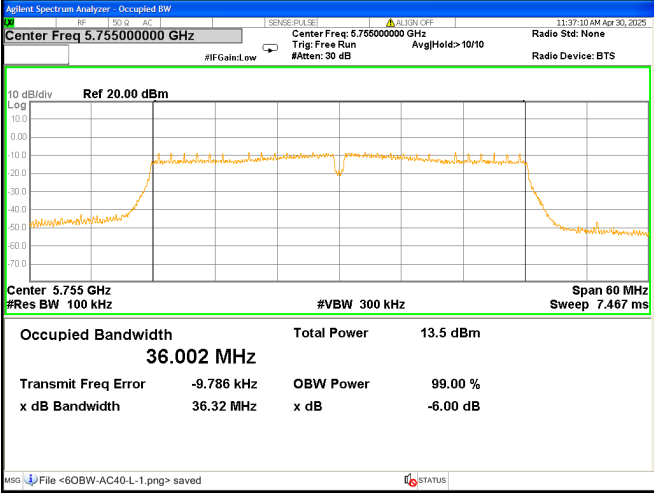
802.11n HT40 U-NII-3 Low channel



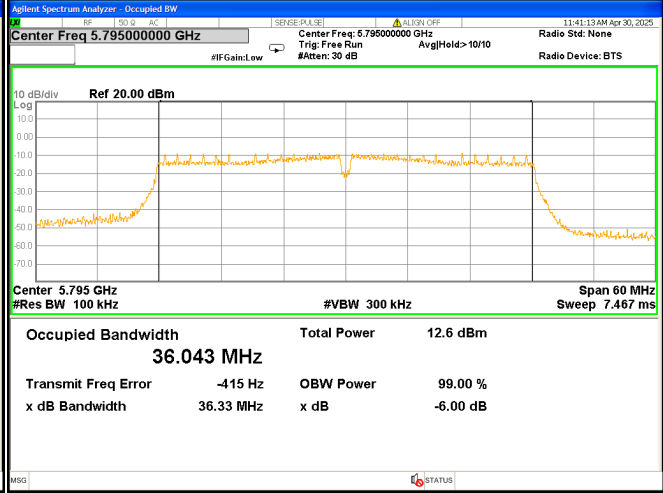
802.11n HT40 U-NII-3 High channel



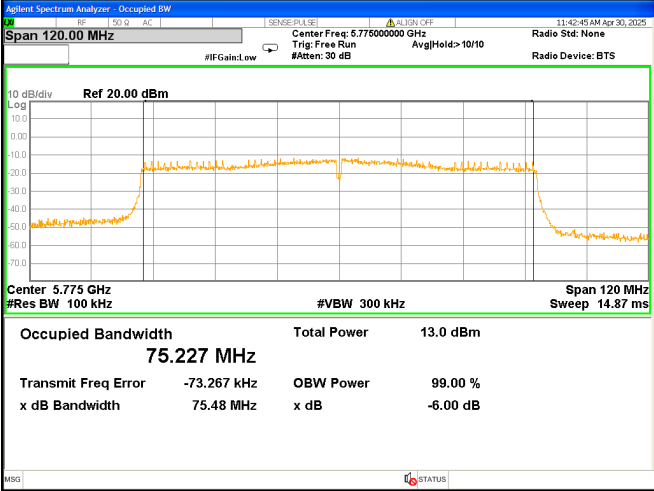
802.11ac VHT40 U-NII-3 Low channel



802.11ac VHT40 U-NII-3 High channel



802.11ac VHT80 U-NII-3 Middle channel



12 26 dB Bandwidth and 99% Occupied Bandwidth

Test Requirement:	FCC 47CFR Part 15 Section 15.407 (a)
Test Method:	KDB662911 D01 Multiple Transmitter Output v02r01 KDB789033 D02 General U-NII Test Procedures New Rules v02r01 Section D
Test Limit:	No restriction limits
Test Result:	PASS

12.1 Test Procedure

Emission Bandwidth (EBW)

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

99% Occupied Bandwidth

The following procedure shall be used for measuring (99%) power bandwidth:

- Set center frequency to the nominal EUT channel center frequency.
- Set span = 1.5 times to 5.0 times the OBW.
- Set RBW = 1% to 5% of the OBW
- Set VBW $\geq$ 3 times RBW
- Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- Use the 99% power bandwidth function of the instrument (if available).
- If the instrument does not have a 99% power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

Note: For devices that use channel aggregation refer to III.A and III.C for determining 99% bandwidth.

12.2 Test Result

ANT 1

Band	Operation mode	26 dB Bandwidth (MHz)			99% Bandwidth (MHz)		
		Low	Middle	High	Low	Middle	High
U-NII-1	802.11a	21.08	20.95	20.79	16.618	16.564	16.560
	802.11n(HT20)	21.37	21.26	21.33	17.698	17.720	17.746
	802.11n(HT40)	39.59	/	39.48	36.158	/	36.151
	802.11ac (VHT20)	21.54	21.12	21.24	17.729	17.740	17.750
	802.11ac (VHT40)	39.71	/	39.59	36.152	/	36.129
	802.11ac (VHT80)	/	80.59	/	/	75.427	/
U-NII-3	802.11a	21.07	21.05	21.10	16.611	16.574	16.591
	802.11n(HT20)	21.22	21.23	21.13	17.772	17.767	17.733
	802.11n(HT40)	39.48	/	39.45	36.143	/	36.155
	802.11ac (VHT20)	21.37	21.23	21.32	17.749	17.738	17.772
	802.11ac (VHT40)	39.60	/	39.60	36.117	/	36.145
	802.11ac (VHT80)	/	80.69	/	/	75.512	/

ANT 2

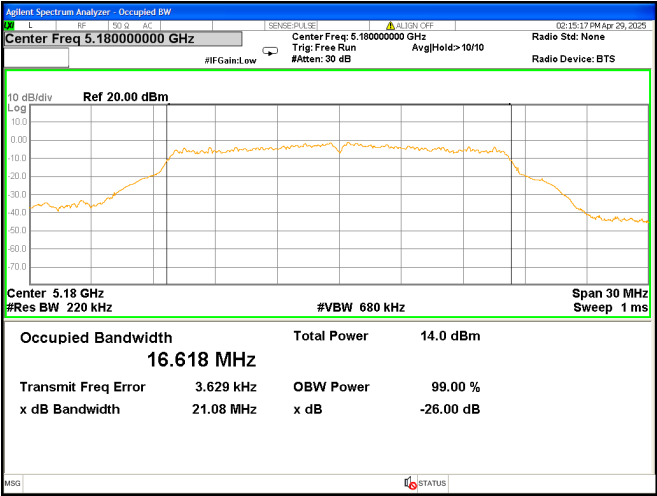
Band	Operation mode	26 dB Bandwidth (MHz)			99% Bandwidth (MHz)		
		Low	Middle	High	Low	Middle	High
U-NII-1	802.11a	21.02	20.73	20.93	16.597	16.552	16.573
	802.11n(HT20)	21.27	21.22	21.31	17.707	17.727	17.712
	802.11n(HT40)	39.58	/	39.63	36.146	/	36.134
	802.11ac (VHT20)	21.39	21.36	21.01	17.725	17.731	17.707
	802.11ac (VHT40)	39.59	/	39.75	36.157	/	36.136
	802.11ac (VHT80)	/	81.47	/	/	75.477	/
U-NII-3	802.11a	20.92	21.11	21.10	16.565	16.602	16.615
	802.11n(HT20)	21.34	21.53	21.48	17.793	17.770	17.746
	802.11n(HT40)	39.67	/	39.56	36.162	/	36.147
	802.11ac (VHT20)	21.45	21.48	21.32	17.765	17.762	17.789
	802.11ac (VHT40)	39.65	/	39.66	36.112	/	36.124
	802.11ac (VHT80)	/	80.82	/	/	75.544	/

Test plots refer to next page:

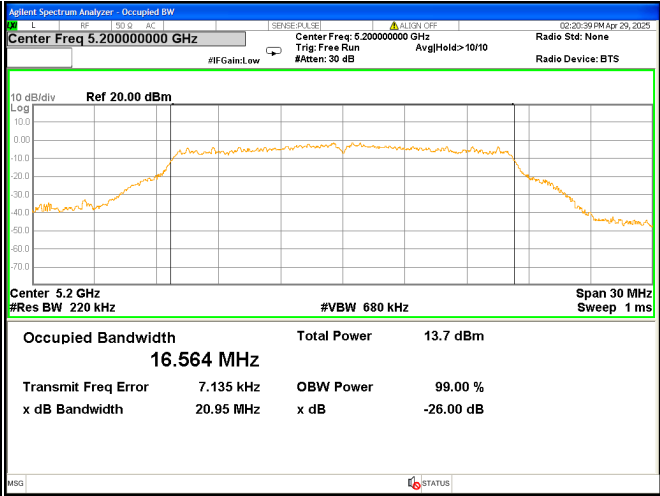
ANT 1

U-NII-1

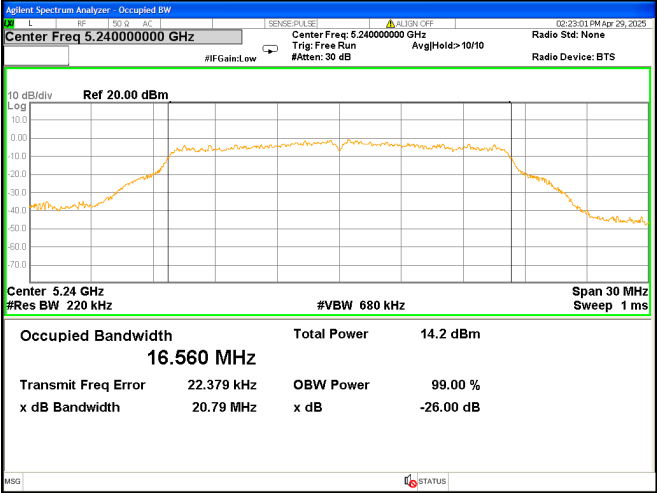
802.11a Low channel



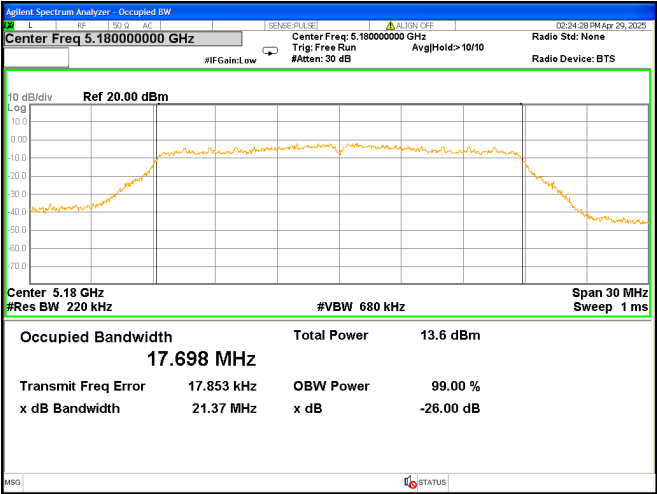
802.11a Middle channel



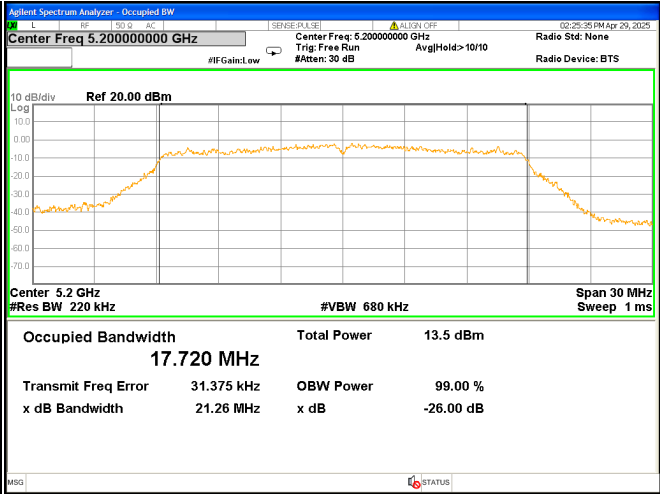
802.11a High channel



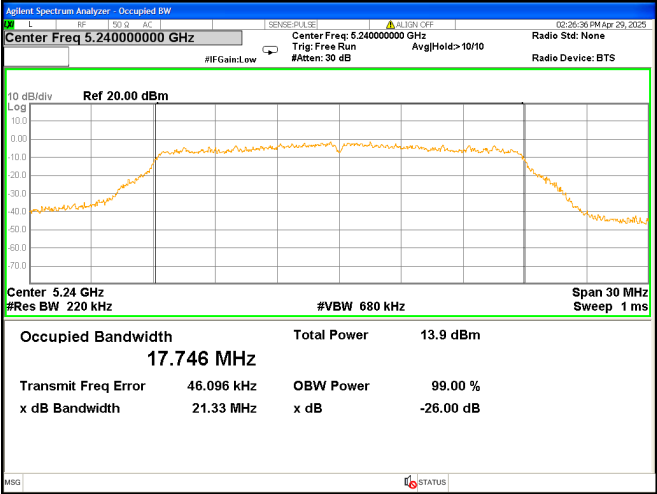
802.11n HT20 Low channel



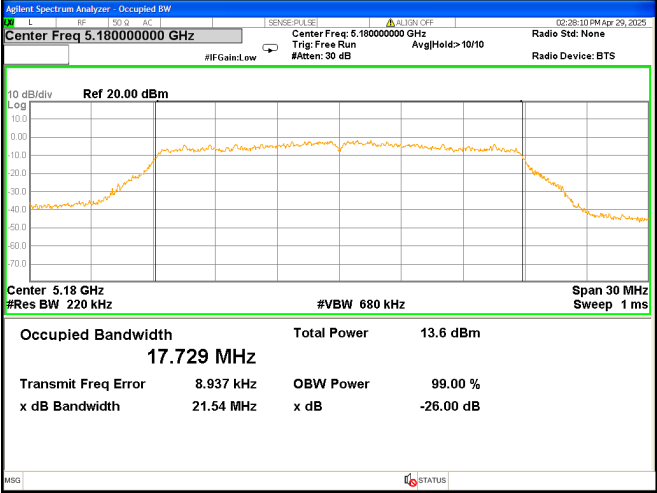
802.11n HT20 Middle channel



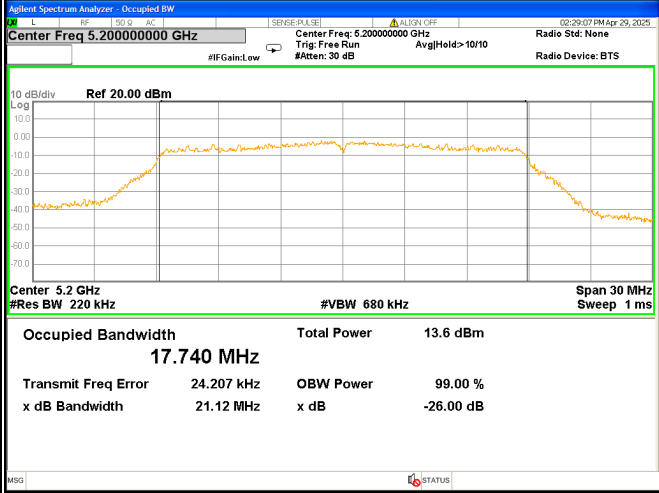
802.11n HT20 High channel



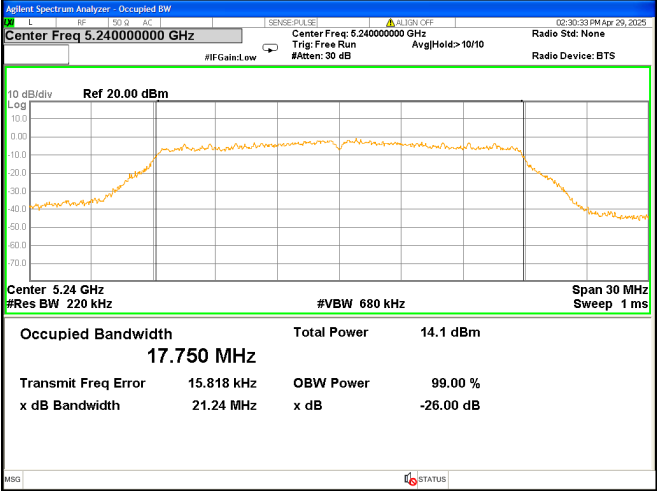
802.11ac VHT20 Low channel



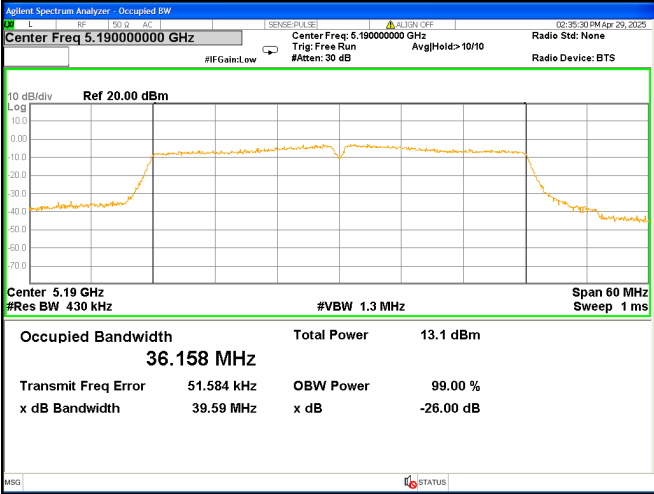
802.11ac VHT20 Middle channel



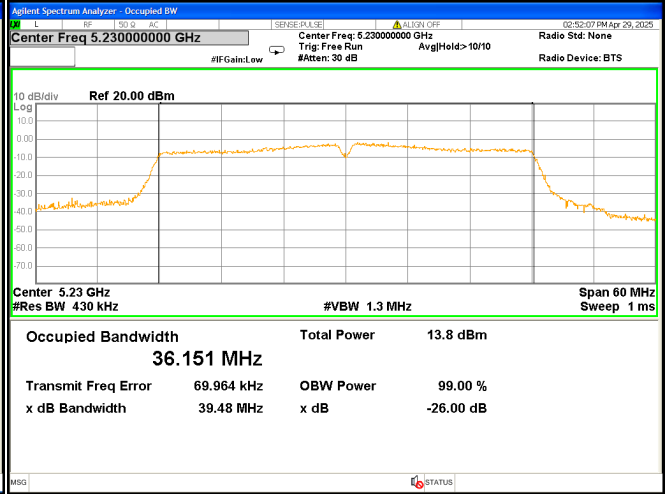
802.11ac VHT20 High channel



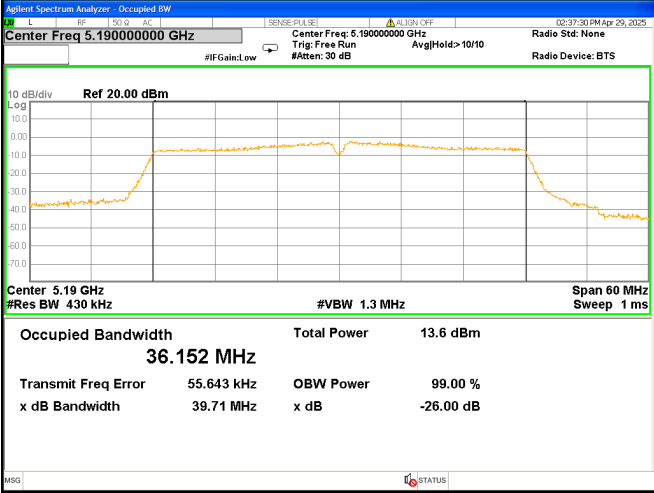
802.11n HT40 Low channel



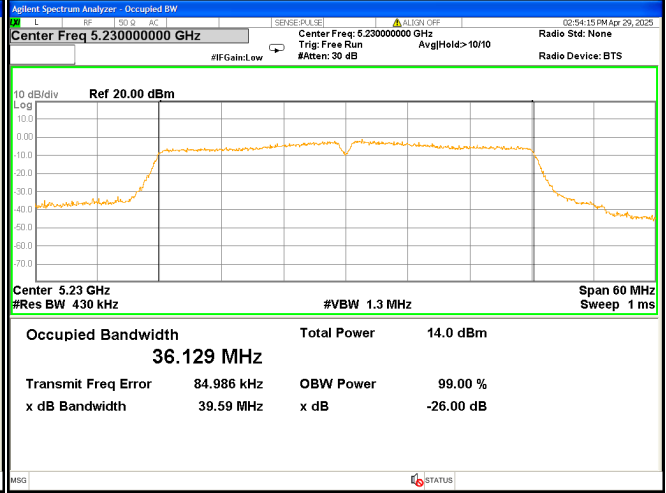
802.11n HT40 High channel



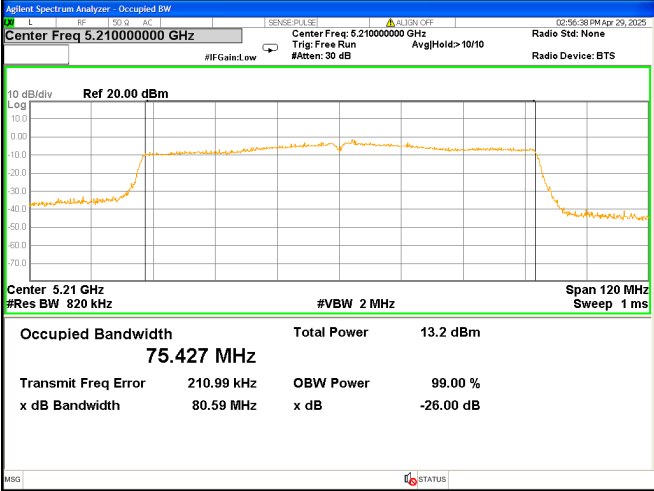
802.11ac VHT40 Low channel



802.11ac VHT40 High channel

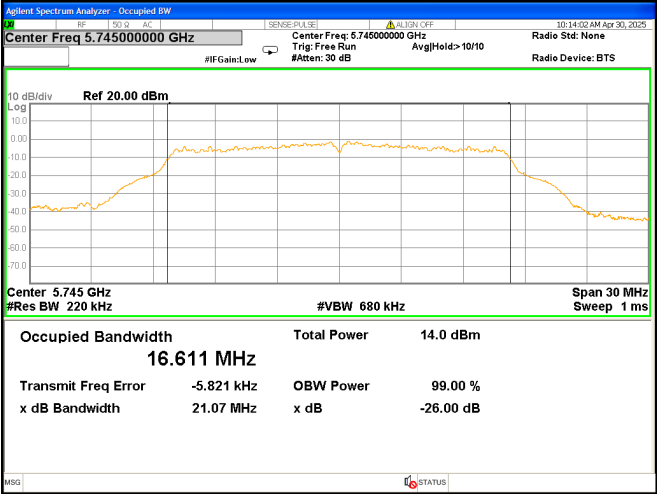


802.11ac VHT80 Middle channel

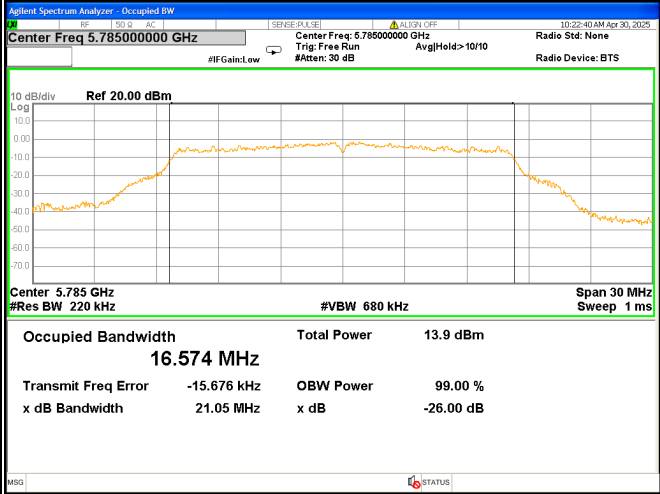


U-NII-3

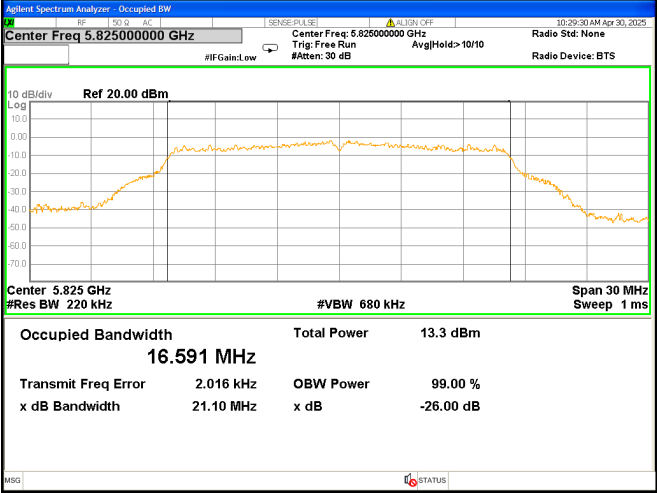
802.11a Low channel



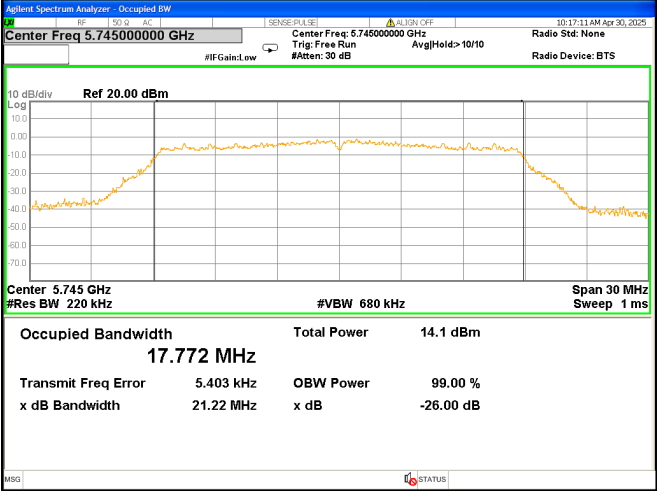
802.11a Middle channel



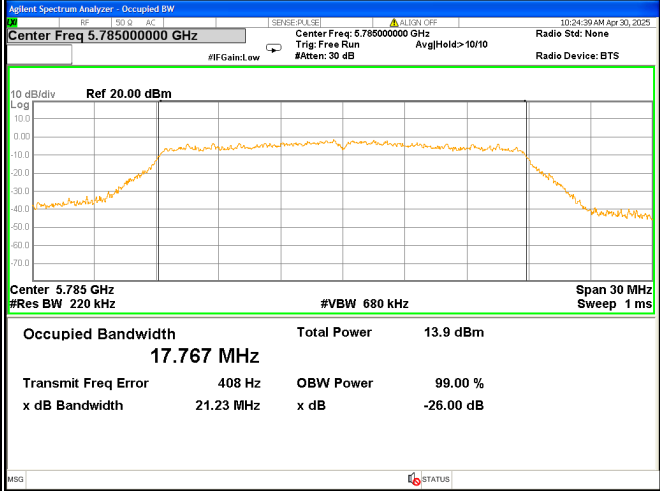
802.11a High channel



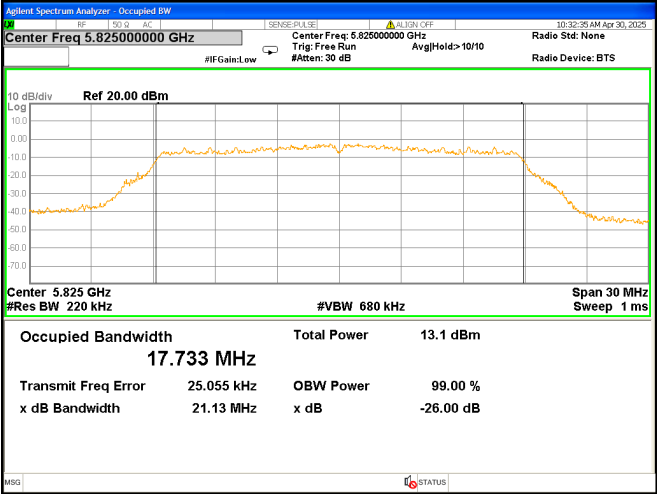
802.11n HT20 Low channel



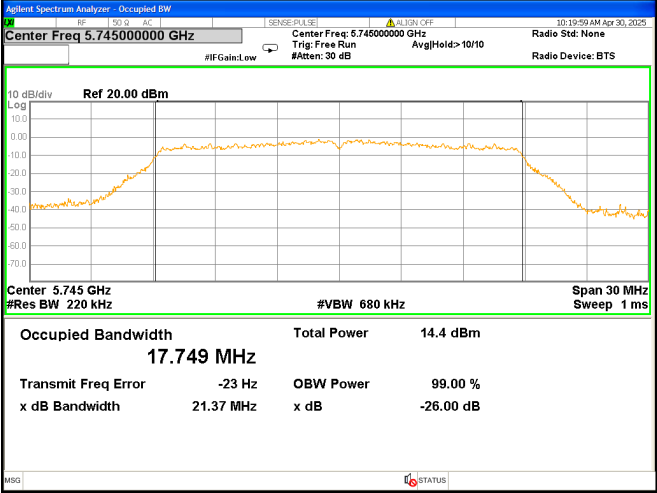
802.11n HT20 Middle channel



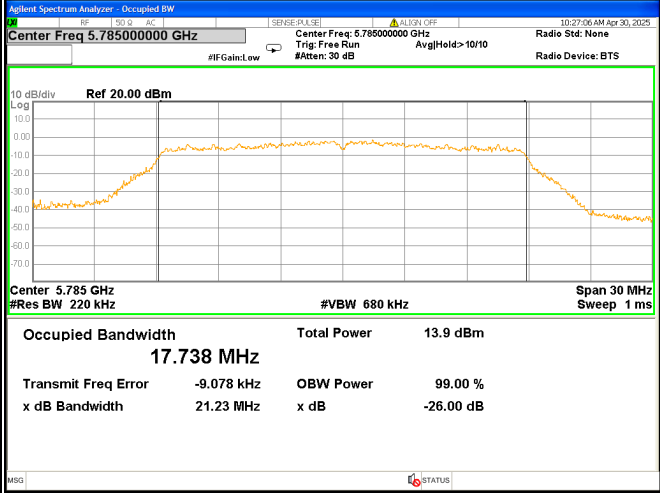
802.11n HT20 High channel



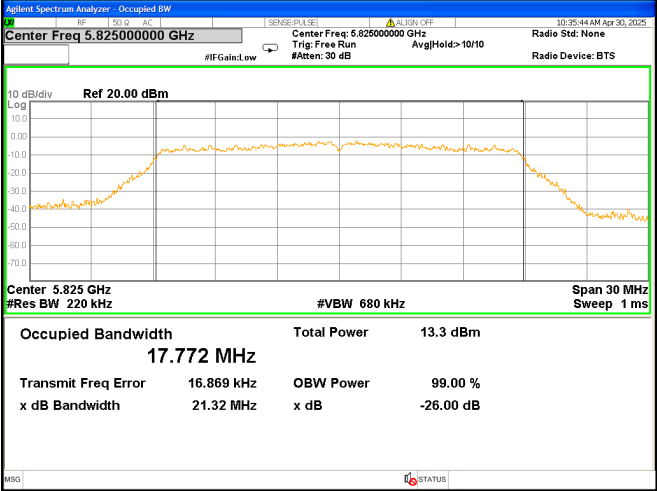
802.11ac VHT20 Low channel



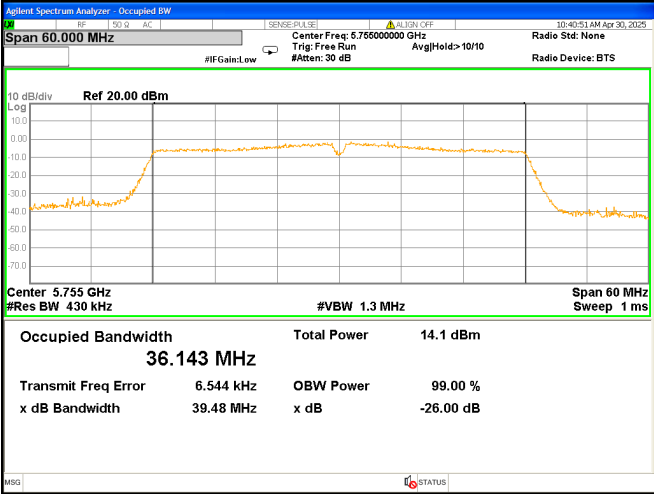
802.11ac VHT20 Middle channel



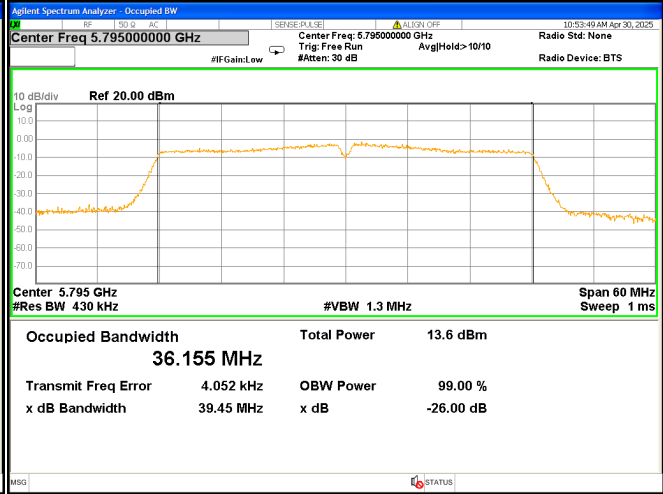
802.11ac VHT20 High channel



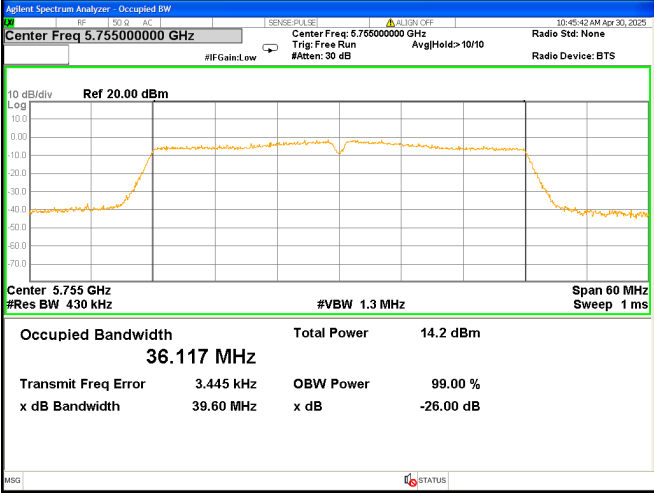
802.11n HT40 Low channel



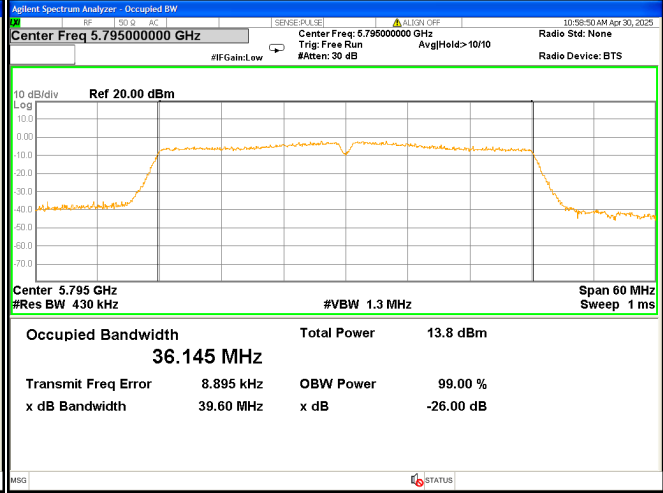
802.11n HT40 High channel



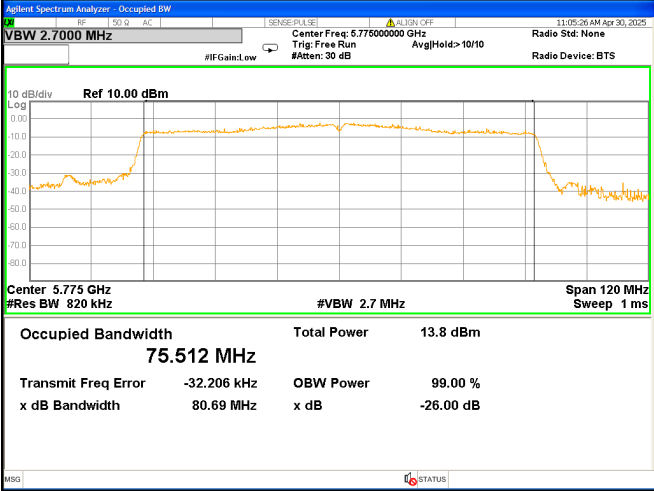
802.11ac VHT40 Low channel



802.11ac VHT40 High channel



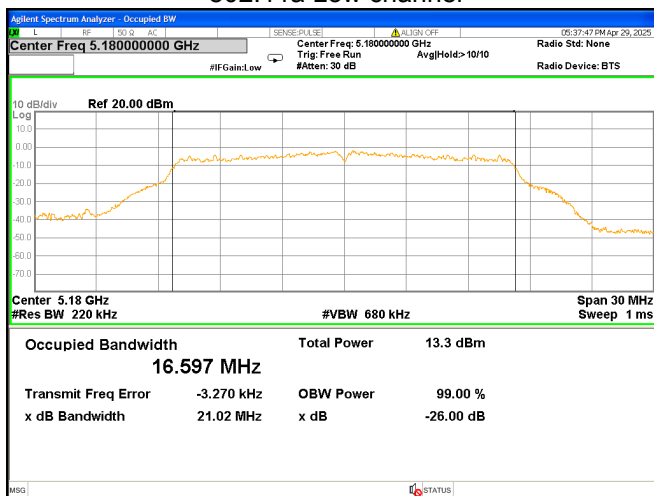
802.11ac VHT80 Middle channel



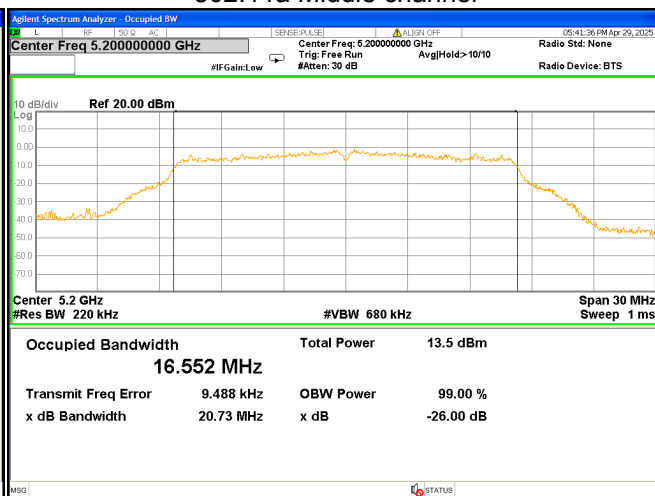
ANT 2

U-NII-1

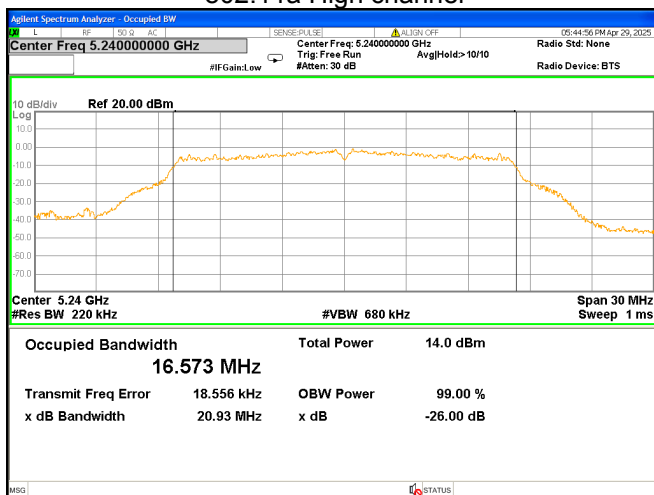
802.11a Low channel



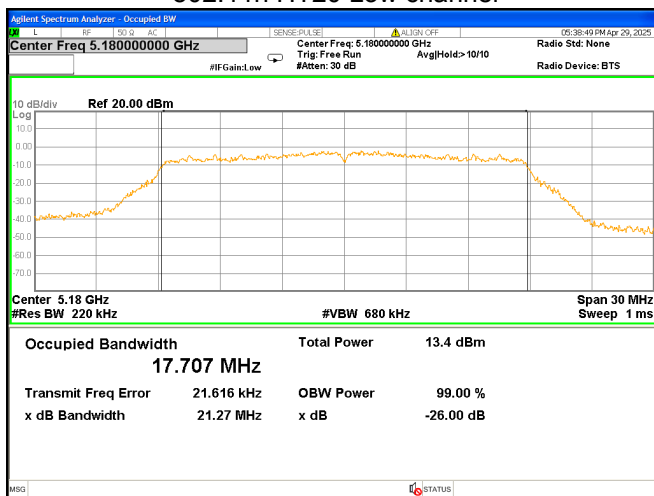
802.11a Middle channel



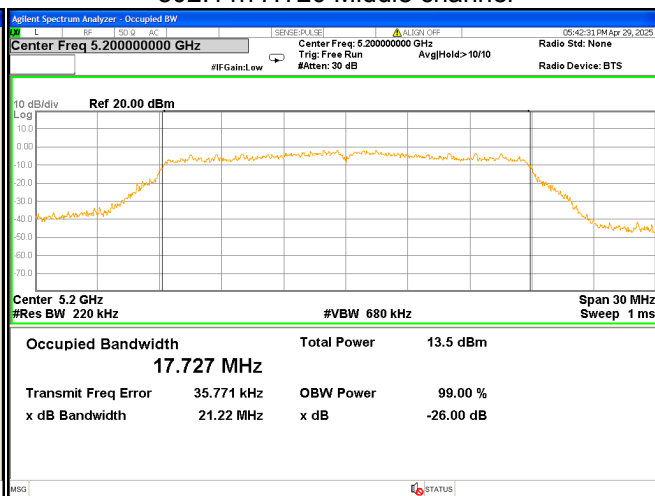
802.11a High channel



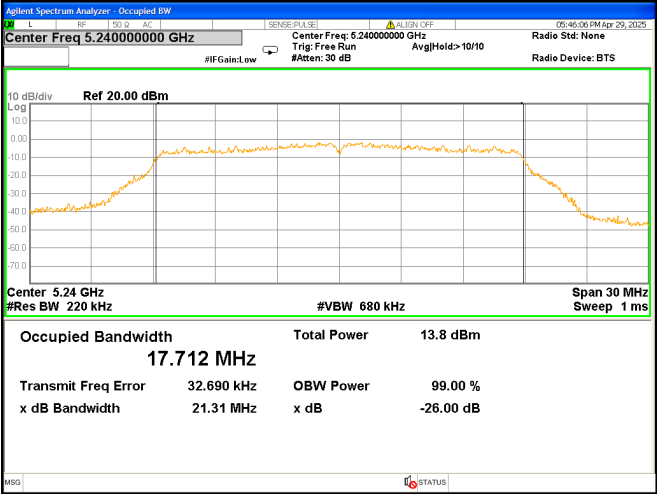
802.11n HT20 Low channel



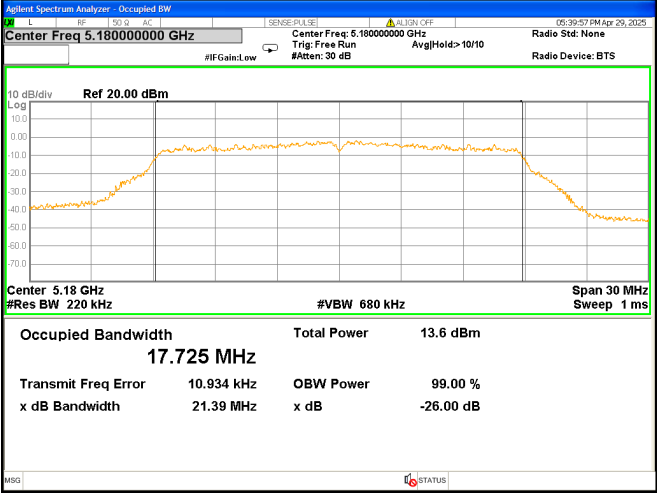
802.11n HT20 Middle channel



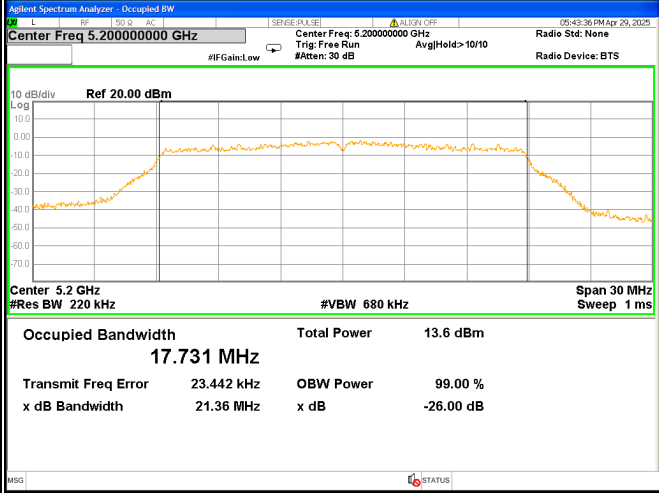
802.11n HT20 High channel



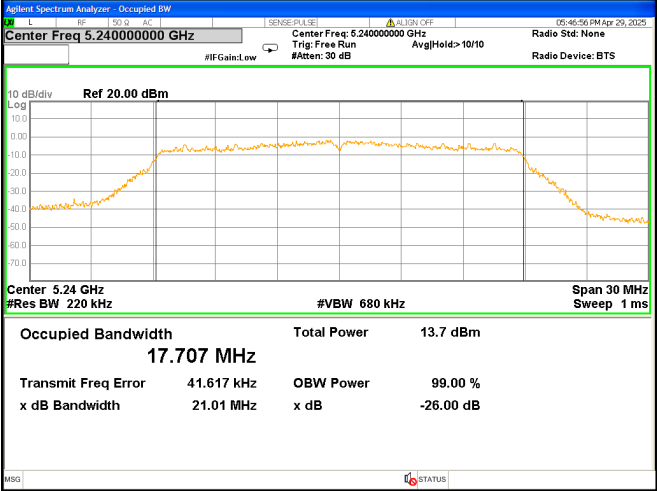
802.11ac VHT20 Low channel



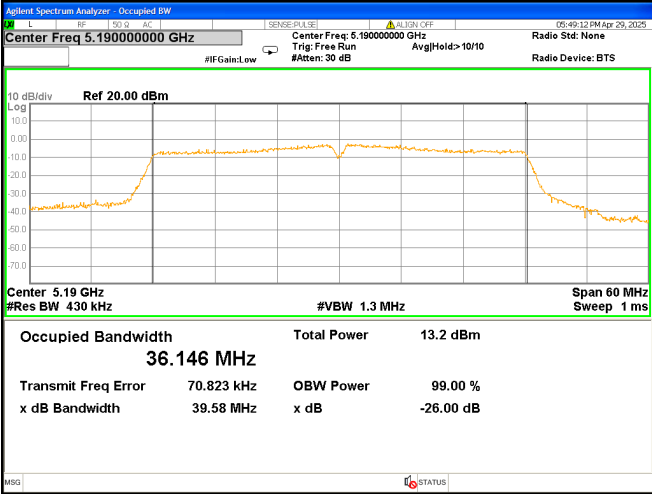
802.11ac VHT20 Middle channel



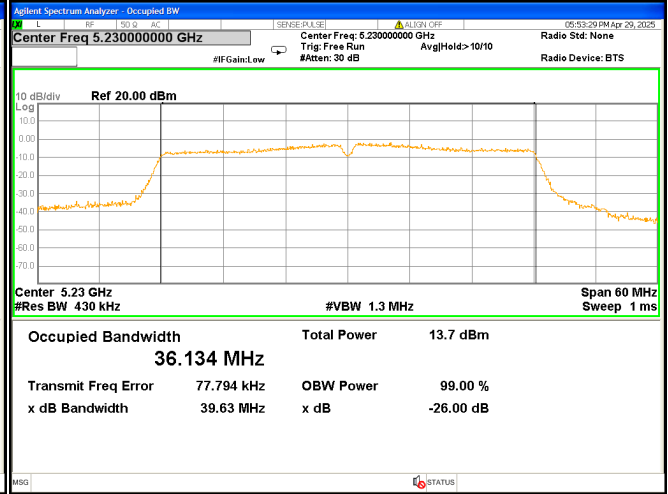
802.11ac VHT20 High channel



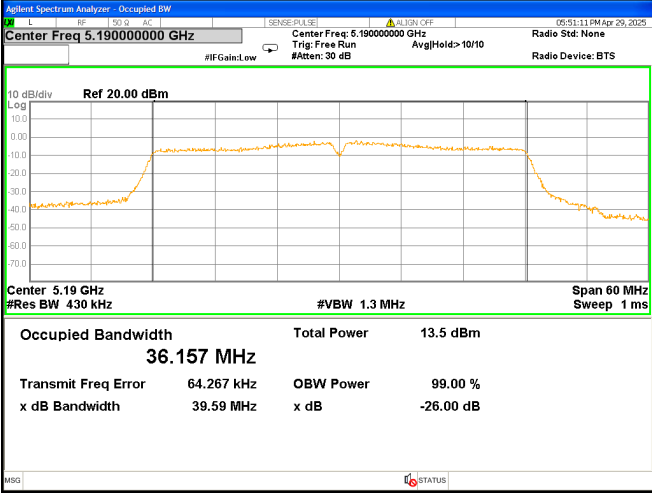
802.11n HT40 Low channel



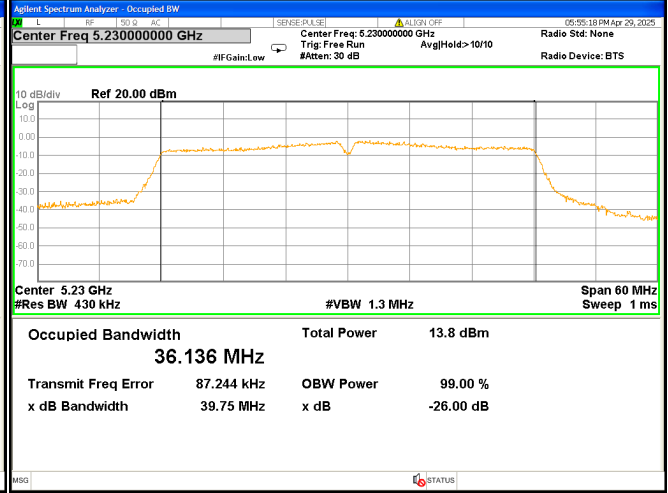
802.11n HT40 High channel



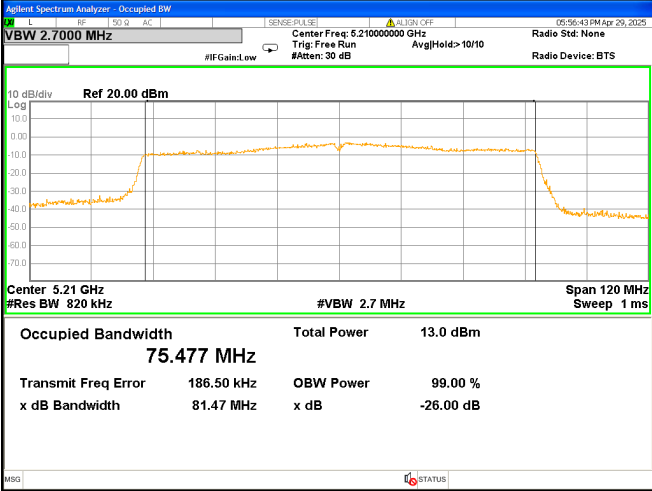
802.11ac VHT40 Low channel



802.11ac VHT40 High channel

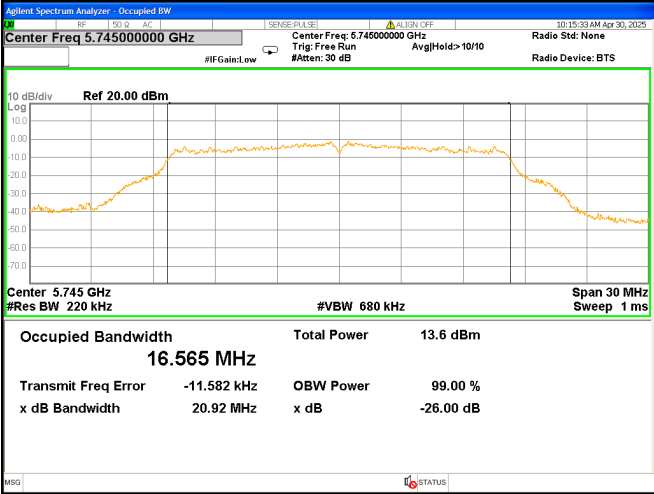


802.11ac VHT80 Middle channel

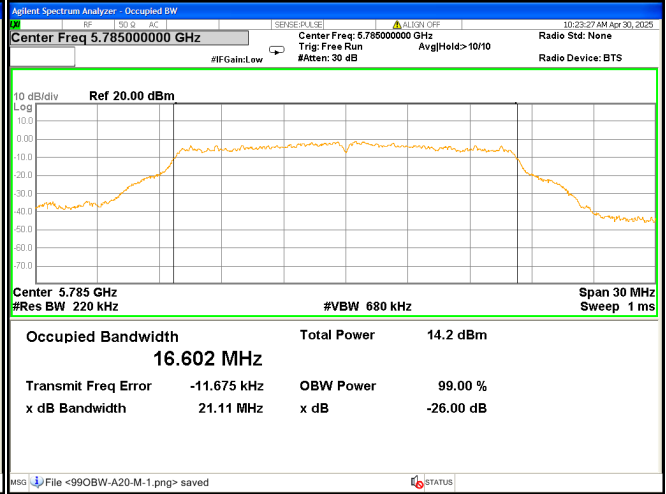


U-NII-3

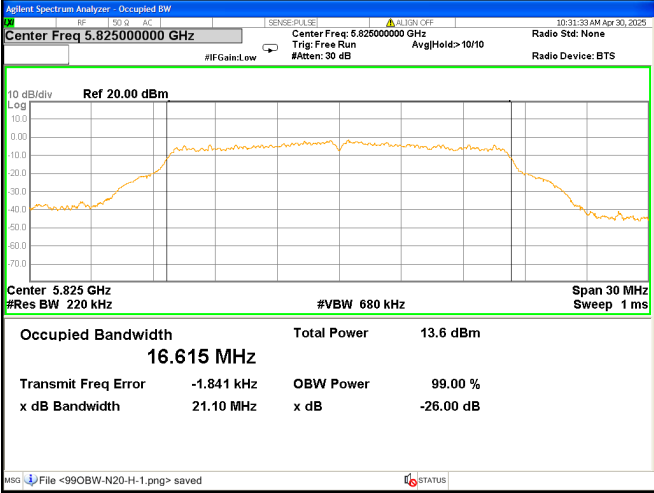
802.11a Low channel



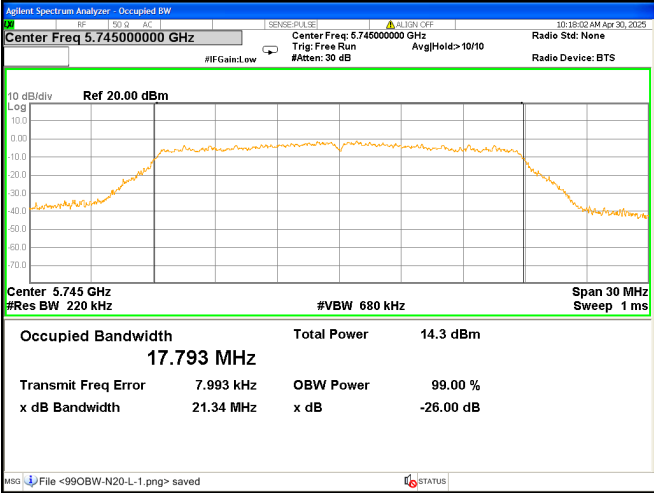
802.11a Middle channel



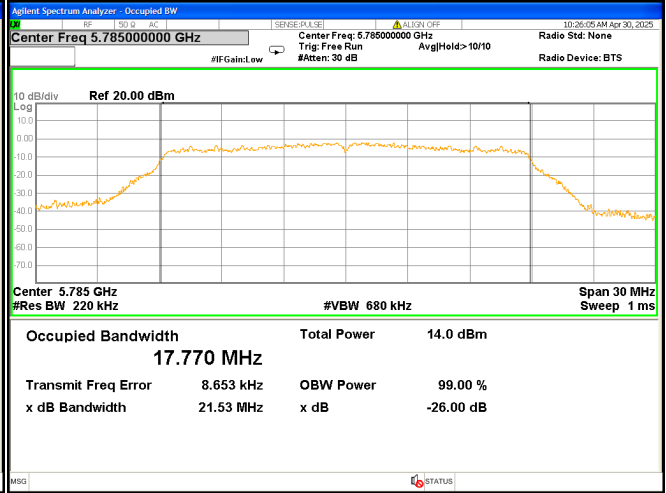
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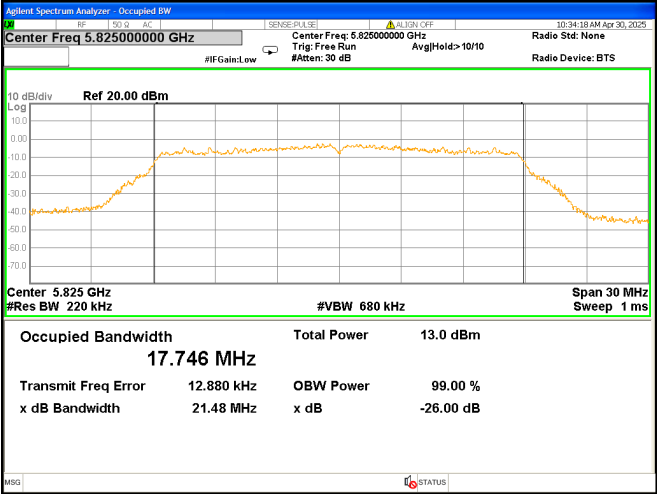
802.11n HT20 Low channel



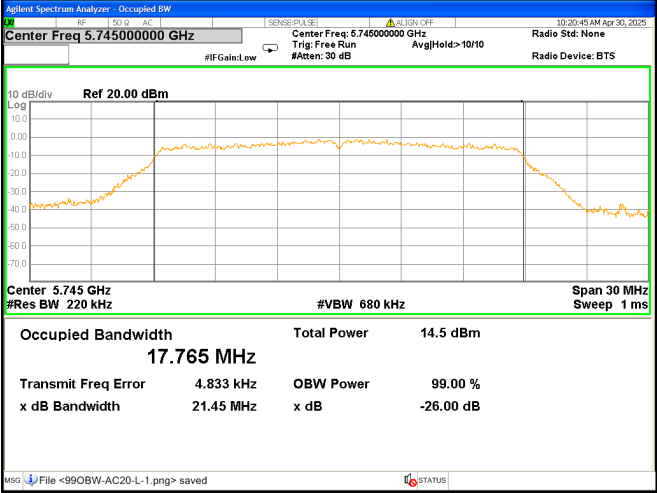
802.11n HT20 Middle channel



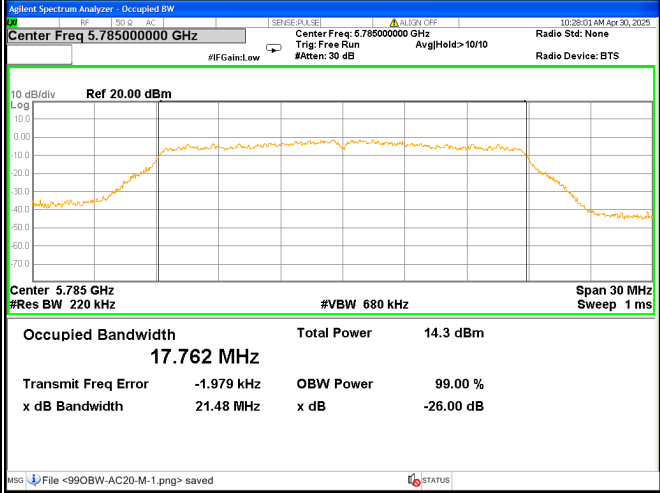
802.11n HT20 High channel



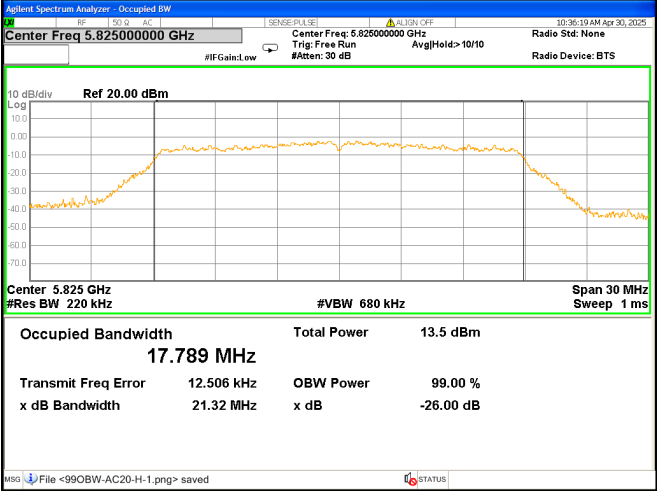
802.11ac VHT20 Low channel



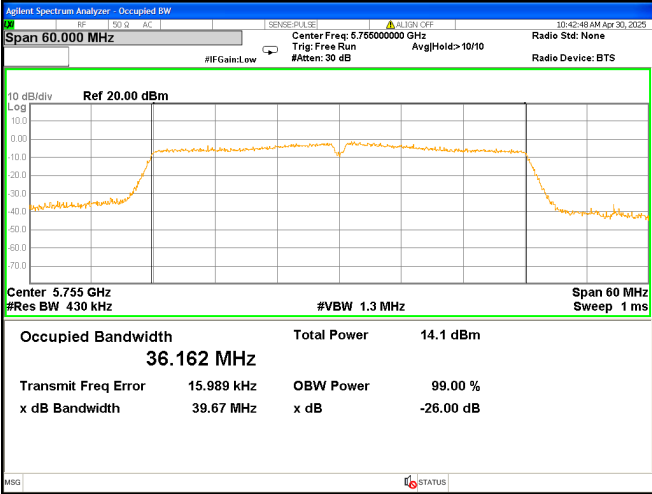
802.11ac VHT20 Middle channel



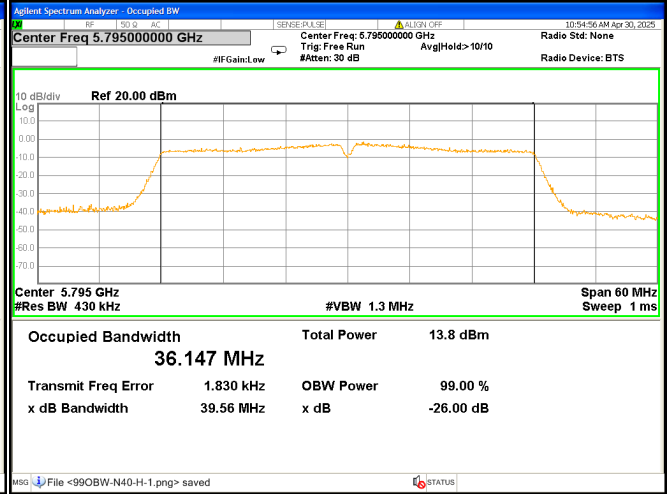
802.11ac VHT20 High channel



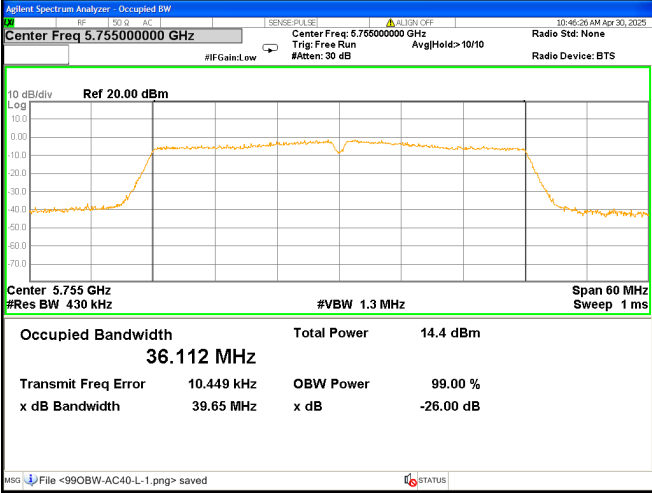
802.11n HT40 Low channel



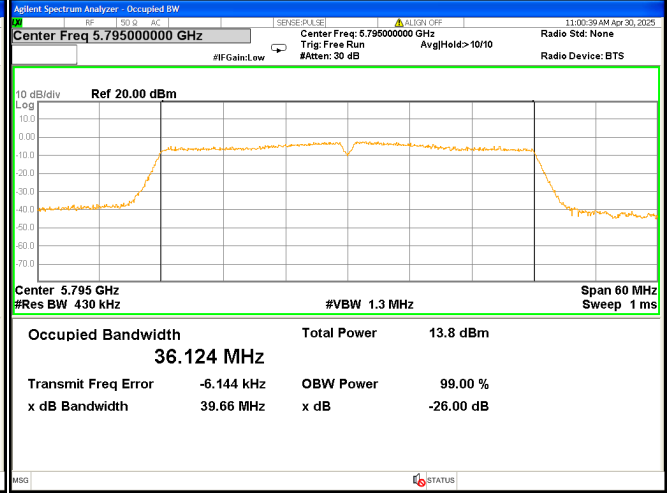
802.11n HT40 High channel



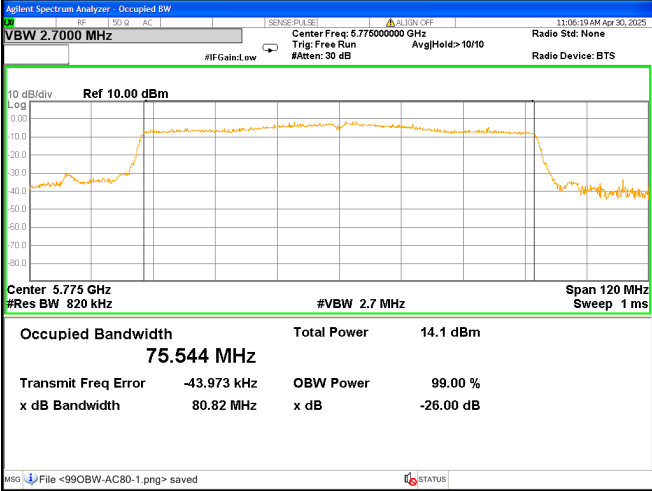
802.11ac VHT40 Low channel



802.11ac VHT40 High channel



802.11ac VHT80 Middle channel



13 Conducted Output Power

Test Requirement:	FCC CFR47 Part 15 Section 15.407(a) KDB 662911 D01 Multiple Transmitter Output v02r01, October 31, 2013
Test Method:	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 Section E ANSI C63.10-2020+A1-2024
Test Limit:	For the band 5.15-5.25 GHz For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. For the band 5.725-5.850 GHz For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.
Test Result:	PASS

13.1 Test Procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum analyzer.
2. Refer to section 4 of this report, according to KDB 789033 and ANSI C63.10, select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each).
3. Record the test results and calculate the final test data.

13.2 Test Result

Note:

Conducted Output Power = Measurements + Duty Cycle Factor

According to ANSI C63.10 clause 14.4.3.1,

Directional gain=antenna gain + 10log(N)

N is number of array elements or staves

According to ANSI C63.10 clause 11.7,

For those cases where it is specified that the conducted output power be reduced by the amount in dB that the directional gain of the transmitting antenna exceeds 6dBi, the output power effective limit shall be calculated as follows in Equation:

$$P_{out} = P_{Limit} - (G_{TX} - 6)$$

For U-NII-1: the Directional gain is 5.26dBi that less than 6dBi, Limit of power (SUM) is **30dBm**.

For U-NII-3: the Directional gain is 4.82dBi that less than 6dBi, Limit of power (SUM) is **30dBm**.

Band	Operation mode	Channel	Duty Cycle Factor (dB)	Conducted Output Power (dBm)			
				Ant. 1	Ant. 2	SUM	Limit
U-NII-1	802.11a	Low	0.96	12.57	12.63	/	30dBm
		Middle		12.71	12.64	/	30dBm
		High		12.99	12.83	/	30dBm
	802.11n(HT20)	Low	0.96	12.09	12.35	15.23	30dBm
		Middle		12.48	12.41	15.46	30dBm
		High		12.89	12.75	15.83	30dBm
	802.11ac(VHT20)	Low	0.89	12.22	12.14	15.19	30dBm
		Middle		12.38	12.31	15.36	30dBm
		High		12.98	12.56	15.79	30dBm
	802.11n(HT40)	Low	0.96	12.45	12.59	15.53	30dBm
		High		12.95	12.95	15.96	30dBm
	802.11ac(VHT40)	Low	0.89	12.56	12.65	15.62	30dBm
		High		12.76	13.08	15.93	30dBm
	802.11ac(VHT80)	Middle	0.79	13.07	12.53	15.82	30dBm
U-NII-3	802.11a	Low	0.97	12.76	12.51	/	30dBm
		Middle		12.76	13.02	/	30dBm
		High		12.12	12.04	/	30dBm
	802.11n(HT20)	Low	0.97	13.01	12.93	15.98	30dBm
		Middle		12.57	12.43	15.51	30dBm
		High		11.96	11.81	14.90	30dBm
	802.11ac(VHT20)	Low	0.94	12.87	12.80	15.85	30dBm
		Middle		12.68	12.16	15.44	30dBm
		High		12.01	12.19	15.11	30dBm
	802.11n(HT40)	Low	0.97	13.26	13.10	16.19	30dBm
		High		12.68	12.70	15.70	30dBm
	802.11ac(VHT40)	Low	0.93	13.18	13.18	16.19	30dBm
		High		12.68	12.79	15.75	30dBm
	802.11ac(VHT80)	Middle	0.88	13.80	14.05	16.94	30dBm

Test plots refer to next page: