

TEST REPORT

Report Number. : R16238088-E15d

Applicant : Samsung Electronics Co Ltd
129, Samsung-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, 16677, Rep. of Korea

Model : SM-F976B

FCC ID : A3LSMF976B

EUT Description : GSM/WCDMA/LTE/NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, UWB,
WPT and NFC

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E
ISED RSS-247 ISSUE 4
ISED RSS-GEN ISSUE 5 + A1 + A2

Date Of Issue:
2026-05-08

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
1	2026-05-08	Initial Issue	B. Kiewra

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: Samsung Electronics Co Ltd
129, Samsung-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, 16677, Rep. of Korea

EUT DESCRIPTION: GSM/WCDMA/LTE/NR Phone + BT/BLE, DTS/UNII
a/b/g/n/ac/ax/be, UWB, WPT and NFC

MODEL: SM-F976B

SERIAL NUMBER: ZBK0296M, ZBK0465M, ZBK0278M

SAMPLE RECEIPT DATE: 2026-03-09

DATE TESTED: 2026-03-09 to 2026-04-17

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 Part 15 Subpart E	
ISED RSS-247 Issue 4	Refer to Section 2
ISED RSS-GEN Issue 5 + A1 + A2	

UL LLC tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the sample tested, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to ensure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL LLC and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL LLC will constitute fraud and shall nullify the document.

Approved & Released
For UL LLC By:

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2. TEST RESULT SUMMARY

This report contains info provided by the customer which can impact the validity of results. UL LLC is only responsible for the validity of results after the integration of the data provided by the customer. Below is a list of the data/info provided by the customer:

1. Antenna Gain and Type (section 6.3)

FCC Clause	ISED Clause	Requirement	Result	Comment
See Comment		Duty Cycle	Reporting purposes only	Per ANSI C63.10, Section 12.2.
See Comment	RSS-GEN 6.7	26dB BW/99% OBW	Compliant	None.
15.407 (e)	RSS-247 7.3.4.2, 7.3.5.2	6 dB BW		
15.407 (a) (1-4), (h) (1)	RSS-247 7.3.1.2, 7.3.2.2, 7.3.3.2, 7.3.4.3, 7.3.5.3	Output Power		
15.407 (a) (1-3, 5)	RSS-247 7.3.1.2, 7.3.2.2, 7.3.3.2, 7.3.4.3, 7.3.5.3	PSD		
15.209, 15.205, 15.407 (b)	RSS-GEN 8.9, 8.10, RSS-247 7.3.1.3, 7.3.2.3, 7.3.3.3, 7.3.4.4, 7.3.5.4	Radiated Emissions		
15.207	RSS-Gen 8.8	AC Mains Conducted Emissions		

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with;

- FCC CFR 47 Part 2, 15E
- FCC KDB 789033 D02 v02r01,
- KDB 414788 D01 Radiated Test Site v01r01
- FCC: ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
- ISSED: ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
- RSS-GEN Issue 5 + A1 + A2
- RSS-247 Issue 4

4. FACILITIES AND ACCREDITATION

UL LLC is accredited by A2LA, certification # 0751.06, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☐	Building: 12 Laboratory Dr Durham, NC 27713, USA	US0067	2180C	825374
☒	Building: 2800 Perimeter Park Dr. Suite B Morrisville, NC 27560, U.S.A		27265	

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	ULab
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Power Spectral Density	2.47 dB
RF Power Measurement Direct Method Using Power Meter	1.3 dB (PK) / 0.45 dB (AV)
Unwanted Emissions, Conducted	1.94 dB
Worst Case Radiated Disturbance, 9kHz to 40 GHz	6.01 dB
Time Domain Measurements	3.39%
Temperature	0.57°C
Humidity	3.39%
DC Supply Voltages	0.57%

Uncertainty figures are valid to a confidence level of 95%.

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
 $36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) + LISN Insertion Loss.
 $36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} = 46.6 \text{ dBuV}$

6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

The EUT is a GSM/WCDMA/LTE/NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, UWB, WPT and NFC. This report covers the full testing of the 5GHz radio.

This report applies data referencing from FCC ID: A3LSMF976U. The test data to validate data referencing is included in Test Report R16238088-E29.

6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted output power as follows:

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.2GHz Band			
5180-5240	802.11a	20.63	115.61
5180-5240	802.11n HT20	20.70	117.49
5190-5230	802.11n HT40	20.61	115.08
5210	802.11ac VHT80	20.27	106.41
5250	802.11ac VHT160	20.54	113.24
5180-5240	802.11be EHT20	20.70	117.49
5190-5230	802.11be EHT40	20.39	109.40
5210	802.11be EHT80	20.61	115.08
5250	802.11be EHT160	20.82	120.78
5.3GHz Band			
5260-5320	802.11a	20.28	106.66
5260-5320	802.11n HT20	20.28	106.66
5270-5310	802.11n HT40	20.55	113.50
5290	802.11ac VHT80	20.36	108.64
5260-5320	802.11be EHT20	20.58	114.29
5270-5310	802.11be EHT40	19.97	99.31
5290	802.11be EHT80	20.46	111.17

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.6GHz Band			
5500-5720	802.11a	20.95	124.45
5500-5720	802.11n HT20	20.80	120.23
5510-5710	802.11n HT40	20.69	117.22
5530-5690	802.11ac VHT80	18.76	75.16
5570	802.11ac VHT160	18.37	68.71
5500-5720	802.11be EHT20	19.15	82.22
5510-5710	802.11be EHT40	20.78	119.67
5530-5690	802.11be EHT80	18.59	72.28
5570	802.11be EHT160	18.51	70.96
5.8GHz Band			
5745-5825	802.11a	20.80	120.23
5745-5825	802.11ac VHT20	20.80	120.23
5755-5795	802.11n HT40	20.69	117.22
5775	802.11ac VHT80	20.73	118.30
5815	802.11ac VHT160	20.00	100.00
5745-5825	802.11be EHT20	20.50	112.20
5755-5795	802.11be EHT40	20.78	119.67
5775	802.11be EHT80	20.54	113.24
5815	802.11be EHT160	20.64	115.88

Frequency Range (MHz)	Mode	EIRP (dBm)	EIRP (mW)
5.9GHz Band			
5845-5885	802.11a	13.71	23.50
5845-5885	802.11n HT20	13.86	24.32
5835-5875	802.11n HT40	13.89	24.49
5855	802.11ac VHT80	13.89	24.49
5845-5885	802.11be EHT20	13.64	23.12
5835-5875	802.11be EHT40	14.30	26.92
5855	802.11be EHT80	14.23	26.49

6.3. DESCRIPTION OF AVAILABLE ANTENNAS

The antenna(s) are Inverted F type, with a gain, provided by the manufacturer, as follows:

Tx chains are uncorrelated for power and correlated for PSD. The directional gains are as follows:

Frequency Range (MHz)	Chain 0 Gain (dBi)	Chain 1 Gain (dBi)	Uncorrelated Gain (dBi)	Correlated Gain (dBi)
5180-5240	-6.28	-4.23	-5.14	-2.18
5260-5320	-6.62	-4.79	-5.61	-2.65
5500-5720	-5.18	-4.58	-4.87	-1.86
5745-5825	-6.46	-5.17	-5.77	-2.78
5845-5885	-7.69	-5.67	-6.56	-3.61

Directional gains for MIMO operations were determined using KDB662911 D01 Section F (2)(d)(i) and (ii) for unequal antenna gains, with equal transmit powers. The directional gains are calculated using the formulas for uncorrelated and correlated transmissions across the two transmit antennas.

- (i) Correlated gain = $10\log((10^{G1/20} + 10^{G2/20})^2 / N_{Ant})$
- (ii) Uncorrelated gain = $10\log((10^{G1/10} + 10^{G2/10}) / N_{Ant})$

Sample calculation, using 2 antennas:

Correlated gain = $10\log((10^{-6.28/20} + 10^{-4.23/20})^2 / 2) = -2.18$ dBi
Uncorrelated gain = $10\log((10^{-6.28/10} + 10^{-4.23/10}) / 2) = -5.14$ dBi.

6.4. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was F976USQU0AZB7.

6.5. WORST-CASE CONFIGURATION AND MODE

Radiated emissions below 1GHz, above 18GHz, and power line conducted emissions were performed with the EUT set to transmit at the channel with highest PSD as worst-case scenario. All antennas were tested, with the worst-case scenario per mode being reported. No emissions within 20dB of limit detected between 9kHz-30MHz and >18GHz.

Band edge and radiated spurious emissions between 1GHz and 18GHz were performed with the EUT set to transmit at the highest power on low, middle (spurious only) and high channels.

Band edge testing was performed on all modes: 802.11a, 802.11n HT20/40, 802.11ac VHT80/160, 802.11be EHT20/40/80/160 (including MRU modes). For reporting purposes, 802.11a, 802.11n HT20/40, 802.11ac VHT80/160, full tone EHT modes, and worst-case overall MRU mode per bandwidth were included in the tabular data, and the overall worst-case mode per UNII band had its corresponding plot reported.

Radiated spurious performed at the pre-tuned power settings on the modes with the highest pre-tuned power and PSD per band.

The EUT was investigated in three orthogonal orientations: X,Y, and Z and folded, open, and 90° open. It was determined that the X-open orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in the X-open orientation.

Pretesting on output power found Full Tone modes to be worst-case over SU for all 802.11be bandwidths. Therefore, all final testing was performed on Full-Tone instead of SU mode. Lastly 802.11n HT20/HT40 was tested to cover 802.11ac VHT20/40 as both modes had the same power and showed no difference in emissions.

The worst-case data-rates are as follows:

802.11a mode: 6 Mbps
802.11n HT20/802.11ac VHT20 mode: MCS0
802.11n HT40 mode: MCS0
802.11ac VHT80 mode: MCS0
802.11ac VHT80 mode: MCS0
802.11be EHT20 mode: MCS0
802.11be EHT40 mode: MCS0
802.11be EHT80 mode: MCS0
802.11be EHT160 mode: MCS0

6.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Power Adapter	Sony	XQZ-UC11-010-236-21	NA	NA

I/O CABLES

I/O Cable List						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	USB-C	1	USB-C	Shielded	<3m	Phone to power adapter

TEST SETUP

The EUT is tested as a standalone device connected to AC adaptor.

SETUP DIAGRAMS

Please refer to R16238088-EP1d for setup diagrams

7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 2)

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
1-18 GHz					
86408	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2025-07-15	2027-07-15
Gain-Loss Chains					
91977	Gain-loss string: 1-18GHz	Various	Various	2025-05-31	2026-05-31
Receiver & Software					
197955	Spectrum Analyzer	Rohde & Schwarz	ESW44	2025-05-12	2026-05-12
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
Additional Equipment used					
239540	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2027-08-05

Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 4)

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
1-18 GHz					
206211	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2024-04-09	2026-04-09
Gain-Loss Chains					
207640	Gain-loss string: 1-18GHz	Various	Various	2025-06-13	2026-06-13
Receiver & Software					
197954	Spectrum Analyzer	Rohde & Schwarz	ESW44	2025-04-21	2026-04-21
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
Additional Equipment used					
241204	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2027-08-05
241848	10dB Pad, DC-18GHz, 5W	Mini-Circuits	BW-N10W5+	2023-11-09	2026-11-09

Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 1)

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
0.009-30MHz					
65682	Active Loop Antenna	ETS-Lindgren	6502	2025-10-14	2027-10-14
30-1000 MHz					
159203	Hybrid Broadband Antenna	Sunol Sciences Corp.	JB3	2024-03-05	2026-03-05
1-18 GHz					
88761	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2025-11-19	2027-11-19
18-40 GHz					
204704	Horn Antenna, 18-26.5GHz	Com Power	AH-826	2025-07-15	2027-07-15
204705	Horn Antenna, 26-40GHz	Com Power	AH-640	2025-11-19	2027-11-19
Gain-Loss Chains					
91974	Gain-loss string: 0.009-30MHz	Various	Various	2025-05-31	2026-05-31
91976	Gain-loss string: 25-1000MHz	Various	Various	2025-05-31	2026-05-31
91979	Gain-loss string: 1-18GHz	Various	Various	2025-05-31	2026-05-31
135999	Gain-loss string: 18-40GHz	Various	Various	2025-05-31	2026-05-31
Receiver & Software					
206496	Spectrum Analyzer	Rohde & Schwarz	ESW44	2025-07-29	2026-07-29
90416	Spectrum Analyzer	Keysight	N9030A	2025-07-31	2026-07-31
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
	Additional Equipment used				
241205	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2027-08-05
35877 (ATA176)	10dB, DC-18GHz, 5W	Mini-Circuits	BW-N10W5	NA	NA

Note: All equipment within calibration at time of use.

Test Equipment Used - Line-Conducted Emissions – Voltage (Morrisville – Conducted 1)

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
CBL087	Coax cable, RG223, N-male to BNC-male, 20-ft.	Pasternack	PE3W06143-240	2025-04-17	2026-04-17
179892	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2026-08-06
80391	LISN, 50-ohm/50-uH, 250uH 2-conductor, 25A	Fischer Custom Com.	FCC-LISN-50/250-25-2-01	2025-09-29	2026-09-29
75141	EMI Test Receiver 9kHz-7GHz	Rohde & Schwarz	ESCI 7	2025-07-30	2026-07-30
52859	Transient Limiter, 0.009-100MHz	Electro-Metrics	EM-7600	2025-07-30	2026-07-30
PS214	AC Power Source	Elgar	CW2501M	NA	NA
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
84681	ANSI C63.4 1m extension cable.	UL	Per Annex B of ANSI C63.4	2025-04-17	2026-04-17

Test Equipment Used - Wireless Conducted Measurement Equipment

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
90410	Spectrum Analyzer	Keysight Technologies	N9030A	2025-07-10	2026-07-10
211055	Real-Time Peak Power Sensor 50MHz to 8GHz	Boonton	RTP5000	2025-07-30	2026-07-30
211056	Real-Time Peak Power Sensor 50MHz to 8GHz	Boonton	RTP5000	2025-07-30	2026-07-30
248881	Environmental Meter	Control Company	06-662-4	2024-04-10	2026-04-10
SOFTEMI	Antenna Port Software	UL	Version 2024.2.23		
Power Software	Boonton Power Analyzer	Boonton	Version 3.0.13.0		
BT0001	CBT Bluetooth Tester	Rohde & Schwarz	1153.9000.35	N/A	N/A
259603	Conducted Switch Box	UL	CSB	2025-03-12	2026-03-30
226566	2.92mm Coaxial 10dB Attenuator 40GHz	Fairview Microwave	SA4014-10	2025-08-30	2026-08-30
226567	2.92mm Coaxial 10dB Attenuator 40GHz	Fairview Microwave	SA4014-10	2025-09-02	2026-09-02

8. MEASUREMENT METHOD

On Time and Duty Cycle: ANSI C63.10 Section 12.2

6 dB Emission BW: ANSI C63.10 Section 12.5.1

26 dB Emission BW: ANSI C63.10 Section 12.5.2

99% Occupied BW: ANSI C63.10 Section 12.5.3

Conducted Output Power: ANSI C63.10 Section 12.4.3.2 Method PM-G

Power Spectral Density: ANSI C63.10 Section 12.6

Unwanted emissions in restricted bands: ANSI C63.10 Section 12.7.2

Unwanted emissions in non-restricted bands: ANSI C63.10 Section 12.7.3

General Radiated emissions: ANSI C63.10 Subclause - 6.3-6.6

AC Power Line Conducted Emissions: ANSI C63.10, Section 6.2.

9. ANTENNA PORT TEST RESULTS

9.1. ON TIME AND DUTY CYCLE

LIMITS

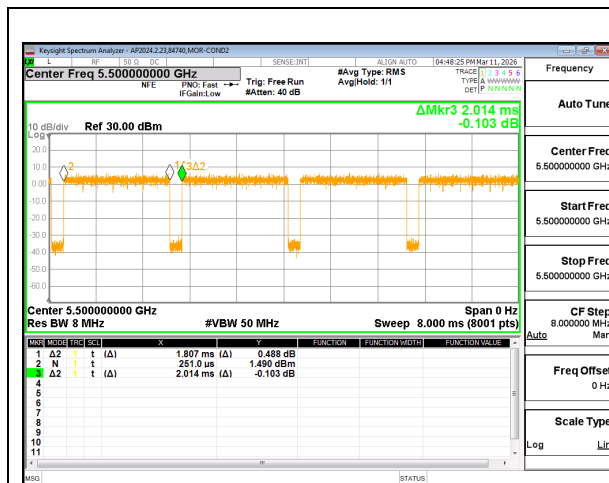
None; for reporting purposes only.

PROCEDURE

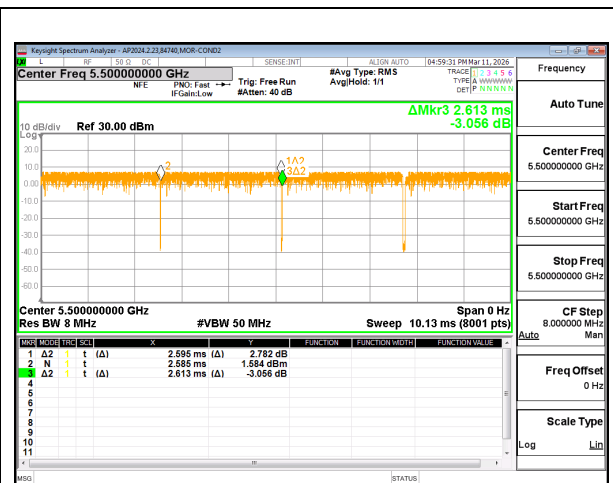
ANSI C63.10-2020 Subclause 12.2: Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	RMS Duty Cycle Correction Factor (dB)	Voltage Duty Cycle Correction Factor (dB)
802.11a	1.807	2.014	0.897	89.72	0.47	0.94
802.11n HT20	0.648	0.746	0.868	86.84	0.61	1.23
802.11n HT40	0.331	0.430	0.770	76.98	1.14	2.27
802.11ac VHT80	1.831	1.930	0.949	94.87	0.23	0.46
802.11ac VHT160	1.834	1.934	0.948	94.83	0.23	0.46
802.11ax HE20 26T	2.595	2.613	0.993	99.31	0.00	0.00
802.11ax HE20 52T	2.592	2.611	0.993	99.27	0.00	0.00
802.11ax HE20 106T	1.435	1.454	0.987	98.69	0.00	0.00
802.11ax HE20 242T	0.675	0.694	0.973	97.31	0.12	0.24
802.11ax HE40 484T	0.923	0.942	0.980	97.98	0.09	0.18
802.11ax HE80 484+242T	0.643	0.662	0.972	97.18	0.12	0.25
802.11ax HE80 996T	0.487	0.506	0.962	96.19	0.17	0.34
802.11ax HE160 996+484T	0.487	0.506	0.963	96.34	0.16	0.32
802.11ax HE160 996+484+242T	5.447	5.464	0.997	99.69	0.00	0.00
802.11ax HE160 2X996T	0.383	0.402	0.953	95.25	0.21	0.42



802.11a Mode



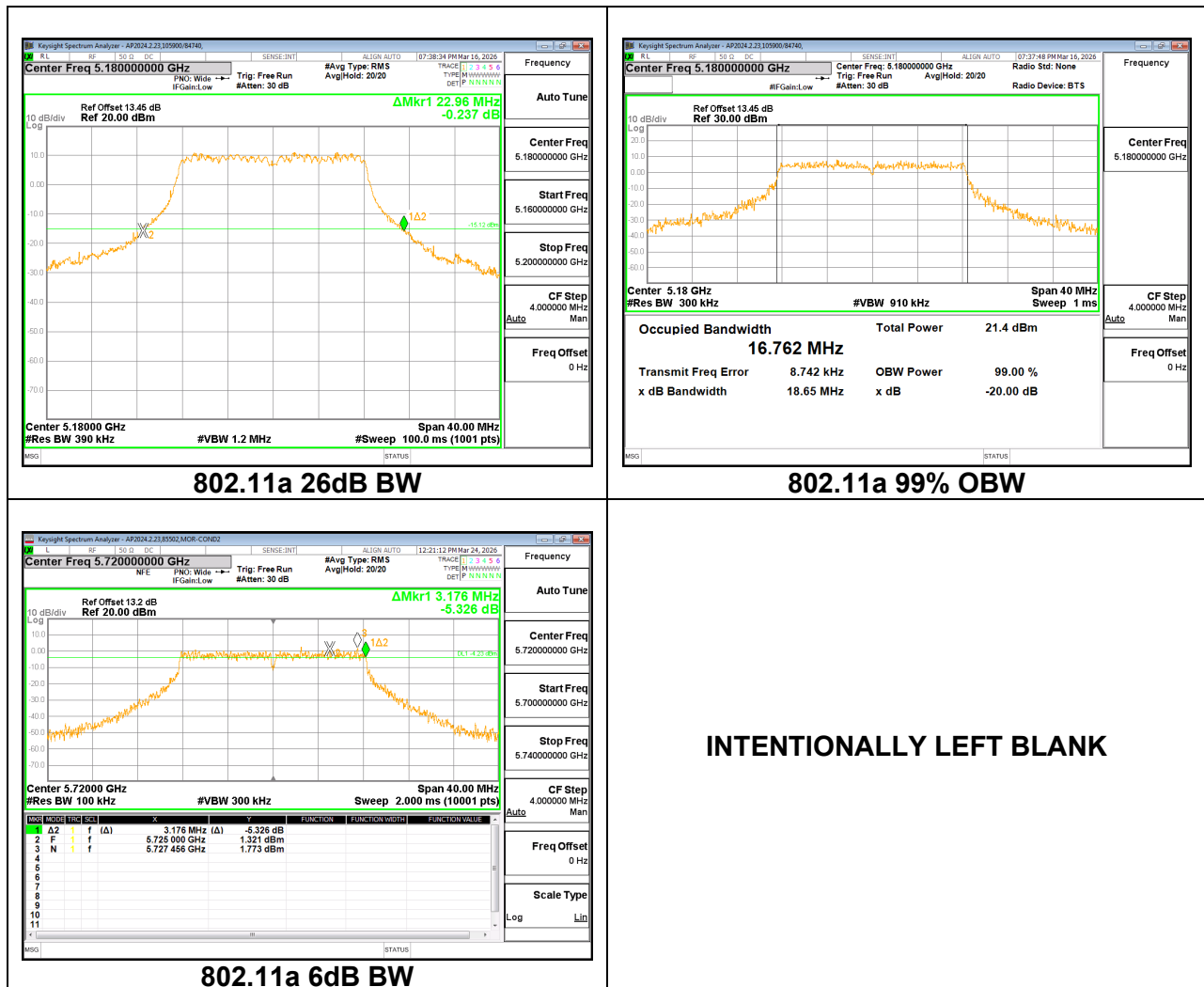
802.11be EHT20 26T Mode

9.2. 6dB/26dB/99% BANDWIDTH

LIMITS

26dB/99% BW:
None; for reporting purposes only.

6dB BW:
FCC §15.407 (e)
RSS-247 7.3.4.2, 7.3.5.2
The minimum 6 dB bandwidth shall be at least 500 kHz.



9.2.1. 802.11a MODE

Band	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1	36	5180	22.96	24.44	22.96	16.762	16.738	16.711
	40	5200	23.80	24.44		16.759	16.755	
	44	5240	23.44	24.48		16.795	16.711	
UNII-2A	52	5260	22.60	23.40	22.52	16.886	16.744	16.709
	60	5300	22.52	23.60		16.715	16.709	
	64	5320	22.52	23.44		16.770	16.867	
UNII-2C	100	5500	22.72	23.56	22.52	16.744	16.785	16.741
	120	5600	22.52	23.64		16.833	16.836	
	140	5700	22.80	23.76		16.741	16.763	
	144	5720	16.16	16.76	16.16	16.839	16.809	16.809
Band	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-3	149	5745	16.64	16.48	16.36	16.817	16.819	16.747
	157	5785	16.36	16.36		16.807	16.780	
	165	5825	16.60	16.44		16.793	16.747	
	144	5720	3.20	3.20	3.20	16.853	16.881	16.853
UNII-4	169	5845	16.30	16.34	16.30	16.672	16.754	16.672
	173	5865	16.54	16.56		16.759	16.702	
	177	5885	16.36	16.44		16.705	16.685	

9.2.2. 802.11n HT20 MODE

Band	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1	36	5180	23.76	24.12	23.76	17.932	17.931	17.865
	40	5200	24.04	25.08		17.865	17.913	
	44	5240	24.08	25.24		17.956	17.866	
UNII-2A	52	5260	23.60	24.80	23.52	18.031	17.991	17.920
	60	5300	23.72	24.92		17.920	18.031	
	64	5320	23.52	25.12		18.058	18.003	
UNII-2C	100	5500	23.12	24.28	23.12	17.972	18.034	17.913
	120	5600	23.68	24.60		17.987	18.079	
	140	5700	23.64	24.96		18.058	17.913	
	144	5720	16.60	17.36	16.60	17.980	18.044	17.980
Band	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-3	149	5745	17.72	17.68	17.64	17.921	17.934	17.921
	157	5785	17.72	17.68		18.008	17.956	
	165	5825	17.68	17.64		17.967	17.967	
	144	5720	3.796	3.788	3.788	16.778	16.742	16.742
UNII-4	169	5845	17.66	17.58	17.58	17.939	17.904	17.885
	173	5865	17.62	17.62		17.885	17.940	
	177	5885	17.60	17.58		17.910	17.926	

9.2.3. 802.11n HT40 MODE

Band	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1	38	5190	46.56	48.40	46.08	36.489	36.542	36.437
	46	5230	46.08	50.16		36.437	36.598	
UNII-2A	54	5270	45.76	47.84	45.04	36.581	36.637	36.490
	62	5310	45.04	46.80		36.490	36.695	
UNII-2C	102	5510	45.76	47.28	45.20	36.466	36.573	36.466
	118	5590	46.24	48.32		36.520	36.649	
	134	5670	45.20	47.52		36.530	36.627	
	142	5710	38.04	38.76	38.04	36.457	36.592	36.457
Band	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-3	151	5755	36.48	36.24	36.24	36.458	36.645	36.413
	159	5795	36.48	36.48		36.413	36.567	
	142	5710	3.264	3.176	3.176	36.480	36.521	36.480
UNII-4	167	5835	36.09	36.34	36.09	36.507	36.527	36.493
	175	5875	36.33	36.33		36.493	36.848	

9.2.4. 802.11ac VHT80 MODE

Band	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1	42	5210	93.76	99.36	93.76	76.171	76.469	76.171
UNII-2A	58	5290	93.92	92.64	92.64	76.379	76.274	76.274
UNII-2C	106	5530	93.92	95.84	93.44	76.021	76.094	76.021
	122	5610	93.44	94.88		76.187	76.395	
	138	5690	81.72	82.68	81.72	76.214	76.094	76.094
Band	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-3	155	5775	76.32	76.64	76.32	75.976	76.129	75.976
	138	5690	3.176	3.176	3.176	76.058	76.360	76.058
UNII-4	171	5855	75.68	76.30	75.68	76.257	76.240	76.240

9.2.5. 802.11ac VHT160 MODE

Band	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1/2A	50	5250	180.48	180.80	180.48	155.54	155.35	155.35
UNII-2C	114	5570	182.08	183.04	182.08	155.00	155.41	155.00
Band	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
			Chain 0	Chain 1		Chain 0	Chain 1	
UNII-4	163	5815	155.71	156.35	156.35	155.91	154.98	154.98

9.2.6. 802.11be EHT20 MODE

Band	Tone	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1	26T	36	5180	20.84	20.60	18.36	18.800	18.689	17.217
		40	5200	18.36	18.60		17.231	17.217	
		44	5240	20.92	20.64		18.633	18.433	
	52T	36	5180	21.16	20.60	18.60	4.2334	4.1964	4.1424
		40	5200	18.60	19.16		4.1852	4.1609	
		44	5240	21.00	22.08		4.1779	4.1424	
	52+26T	36	5180	19.20	19.72		6.1902	6.3932	
		40	5200	19.24	19.88		6.6427	6.8484	
		44	5240	19.20	20.00		6.4708	6.2893	
	106T	36	5180	21.52	21.88	21.52	8.4631	8.3773	8.3773
		40	5200	21.76	21.76		8.4820	8.4464	
		44	5240	26.88	22.56		8.5360	8.4718	
	106+26T	36	5180	22.04	22.04		10.985	10.961	
		40	5200	21.84	22.00		10.952	10.958	
		44	5240	29.84	23.04		10.828	10.855	
	242T	36	5180	24.76	24.24	23.68	19.083	19.175	19.006
		40	5200	23.68	24.64		19.006	19.140	
		44	5240	24.52	24.28		19.111	19.108	
UNII-2A	26T	52	5260	20.92	20.92	18.56	18.799	18.582	17.148
		60	5300	18.56	18.72		17.227	17.148	
		64	5320	20.92	20.60		18.596	18.401	
	52T	52	5260	21.32	20.96	18.92	4.1922	4.3221	4.1922
		60	5300	18.92	19.32		4.2601	4.2092	
		64	5320	21.20	22.04		4.2906	4.2308	
	52+26T	52	5260	19.64	20.00		6.2253	6.2235	
		60	5300	19.28	19.88		6.7562	6.6958	
		64	5320	19.44	20.24		6.2827	6.2252	
	106T	52	5260	21.32	21.60	21.00	8.4398	8.3729	8.3665
		60	5300	21.16	21.60		8.3672	8.3665	
		64	5320	21.84	22.24		8.4112	8.4667	
	106+26T	52	5260	21.92	21.44		10.723	10.950	
		60	5300	21.68	21.00		10.899	10.925	
		64	5320	22.12	22.72		10.785	10.896	
	242T	52	5260	23.72	24.16	23.72	19.144	19.244	19.103
		60	5300	23.92	24.12		19.103	19.166	
		64	5320	23.72	24.28		19.115	19.167	

Band	Tone	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-2C	26T	100	5500	20.96	20.88	18.68	18.851	18.817	17.218
		120	5600	18.68	18.76		17.218	17.293	
		140	5700	20.88	21.16		18.492	18.661	
		144	5720	16.80	16.64	16.64	18.832	18.799	18.832
	52T	100	5500	21.08	20.92	18.96	4.253	4.287	4.188
		120	5600	18.96	19.36		4.225	4.188	
		140	5700	21.12	22.04		4.369	4.209	
		144	5720	17.00	16.64	16.64	4.2473	4.2115	4.2115
	52+26T	100	5500	19.76	20.12	19.12	6.325	6.390	6.325
		120	5600	19.12	20.16		6.728	6.795	
		140	5700	19.76	20.52		6.290	6.272	
		144	5720	15.00	15.92	15.00	6.239	6.308	6.239
	106T	100	5500	21.24	21.60	21.24	8.312	8.394	8.262
		120	5600	21.32	21.68		8.355	8.396	
		140	5700	21.72	22.08		8.262	8.457	
		144	5720	16.44	17.20	16.44	8.432	8.383	8.383
	106+26T	100	5500	21.96	21.44	21.44	10.689	10.826	10.689
		120	5600	21.84	21.44		10.903	10.808	
		140	5700	22.24	22.80		10.883	10.969	
		144	5720	16.96	16.72	16.72	10.823	10.986	10.823
	242T	100	5500	23.80	24.28	23.76	19.090	19.229	19.090
		120	5600	24.24	24.60		19.110	19.180	
		140	5700	23.76	24.20		19.167	19.157	
		144	5720	16.96	16.72	16.72	19.047	19.106	19.047
Band	Tone	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-3	26T	149	5745	2.22	2.08	2.08	18.494	18.777	17.145
		157	5785	2.68	2.68		17.145	17.204	
		165	5825	2.08	2.16		18.548	18.491	
		144	5720	2.012	2.008	2.008	18.645	18.584	18.584
	52T	149	5745	4.08	4.12	4.08	4.2894	4.2910	4.2255
		157	5785	4.08	4.08		4.2870	4.2255	
		165	5825	4.04	4.16		4.2930	4.2540	
		144	5720	3.996	4.076	3.996	4.2292	4.3191	4.2292
	52+26T	149	5745	6.24	6.28	6.20	6.2692	6.2541	6.1874
		157	5785	6.64	6.72		6.7589	6.7595	
		165	5825	6.20	6.20		6.1994	6.1874	
		144	5720	2.46	2.504	2.46	6.2909	6.2435	6.2435
	106T	149	5745	8.36	8.32	8.28	8.3728	8.3580	8.2759
		157	5785	8.32	8.36		8.3624	8.2918	
		165	5825	8.28	8.32		8.2759	8.3563	
		144	5720	4.568	4.576	4.568	8.4000	8.3855	8.3855
	106+26T	149	5745	10.92	10.96	10.84	10.853	10.740	10.740
		157	5785	10.88	10.88		10.868	10.862	
		165	5825	10.84	10.88		10.849	10.896	
		144	5720	4.536	4.536	4.536	10.942	10.931	10.931
	242T	149	5745	19.08	19.12	18.92	19.107	19.131	19.104
		157	5785	19.16	19.08		19.107	19.183	
		165	5825	18.92	19.12		19.104	19.121	
		144	5720	4.528	4.504	4.504	19.155	19.192	19.155

Band	Tone	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-4	26T	169	5845	2.04	2.01	2.00	2.297	2.240	2.162
		173	5865	2.62	2.56		3.092	2.827	
		177	5885	2.02	2.00		2.304	2.162	
	52T	169	5845	3.98	4.07	3.98	4.222	4.234	4.175
		173	5865	4.01	4.03		4.175	4.242	
		177	5885	4.58	4.02		4.179	4.290	
	52+26T	169	5845	6.13	6.15		6.093	6.245	
		173	5865	6.60	7.87		6.793	6.720	
		177	5885	6.13	6.25		6.238	6.235	
	106T	169	5845	8.32	8.32	8.25	8.411	8.244	8.244
		173	5865	8.26	8.34		8.276	8.309	
		177	5885	8.39	8.25		8.524	8.382	
	106+26T	169	5845	10.82	10.86		10.749	10.847	
		173	5865	10.89	11.47		10.905	10.818	
		177	5885	10.87	10.84		11.014	10.757	
	242T	169	5845	19.07	18.99	18.88	18.558	19.125	18.558
		173	5865	19.04	19.10		18.944	18.980	
		177	5885	19.08	18.88		18.953	19.144	

9.2.7. 802.11be EHT40 MODE

Band	Tone	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1	484T	38	5190	45.84	47.60	45.84	38.038	38.107	38.038
		46	5230	46.08	46.24		38.058	38.065	
UNII-2A	484T	54	5270	45.36	45.84	45.36	37.976	38.106	37.976
		62	5310	45.52	46.08		37.990	38.037	
UNII-2C	484T	102	5510	46.00	45.76	45.76	38.037	38.055	37.996
		118	5590	45.76	45.92		38.057	38.157	
		134	5670	45.84	46.16		37.996	38.196	
		142	5710	37.80	37.80	37.80	38.099	38.014	38.014
Band	Tone	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-3	484T	151	5755	37.84	38.08	37.84	38.083	38.058	38.058
		159	5795	38.00	38.08		38.086	38.156	
		142	5710	4.064	4.168	4.064	38.074	38.125	38.074
UNII-4	484T	167	5835	38.11	38.06	37.90	37.978	38.042	37.978
		175	5875	38.02	37.90		38.053	38.003	

9.2.8. 802.11be EHT80 MODE

Band	Tone	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1	484+242T (C)	42	5210	83.84	84.96	83.84	58.958	59.131	58.958
UNII-1	242+484T (N)	42	5210	91.20	91.68	91.20	77.967	77.961	77.961
UNII-1	484+242T (N)	42	5210	88.96	90.56	88.96	78.063	78.086	78.063
UNII-1	996T	42	5210	91.20	89.12	89.12	77.612	77.680	77.612
UNII-2A	484+242T (C)	58	5290	83.52	86.08	83.52	63.524	60.043	60.043
UNII-2A	242+484T (N)	58	5290	91.04	91.68	91.04	77.908	77.973	77.908
UNII-2A	484+242T (N)	58	5290	89.12	90.40	89.12	77.887	78.031	77.887
UNII-2A	996T	58	5290	91.52	91.36	91.36	77.652	77.586	77.586
UNII-2C	484+242T (C)	106	5530	84.32	85.28	84.00	59.163	59.362	59.163
		122	5610	84.00	85.76		59.174	59.624	
		138	5690	79.80	79.96	79.80	59.217	59.273	59.217
UNII-2C	484+242T (N)	106	5530	89.76	90.24	89.76	78.076	78.093	78.016
		122	5610	89.60	90.72		78.213	78.016	
		138	5690	78.52	80.60	78.52	78.208	78.018	78.018
UNII-2C	242+484T (N)	106	5530	91.52	91.52	91.52	77.941	78.066	77.941
		122	5610	91.68	92.64		78.008	78.168	
		138	5690	80.76	79.96	79.96	77.973	78.044	77.973
UNII-2C	484+242T (C)	106	5530	83.52	86.56	83.52	59.011	59.118	59.011
		122	5610	85.60	86.40		62.013	61.889	
		138	5690	73.40	74.36	73.40	59.636	59.836	59.217
UNII-2C	996T	106	5530	91.84	94.56	91.68	77.795	77.700	77.700
		122	5610	91.68	95.04		77.830	77.905	
		138	5690	80.44	79.96	79.96	77.740	77.529	77.529
Band	Tone	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-3	484+242T (C)	155	5775	58.08	59.04	58.08	58.866	59.073	58.866
		138	5690	4.09	3.98	3.98	59.039	58.983	58.983
UNII-3	484+242T (N)	155	5775	78.08	78.40	78.08	77.984	77.941	77.941
		138	5690	4.04	3.96	3.96	78.031	78.079	78.031
UNII-3	242+484T (N)	155	5775	78.08	77.92	77.92	77.861	77.929	77.861
		138	5690	4.14	4.15	4.14	77.971	78.127	77.986
UNII-3	484+242T (C)	155	5775	58.08	59.04	58.08	58.866	59.073	58.866
		138	5690	2.87	4.30	2.87	59.039	58.983	58.983
UNII-3	996T	155	5775	78.08	78.08	78.08	77.746	77.791	77.746
		138	5690	3.99	4.04	3.99	77.642	77.641	77.641
UNII-4	484+242T (C)	171	5855	58.24	58.50	58.24	58.895	58.555	58.555
UNII-4	484+242T (N)	171	5855	78.18	78.06	78.06	78.298	78.520	78.298
UNII-4	242+484T (N)	171	5855	78.14	78.05	78.05	78.772	78.764	78.764
UNII-4	484+242T (C)	171	5855	58.24	58.50	58.24	58.895	58.555	58.555
UNII-4	996T	171	5855	77.58	77.86	77.58	78.275	78.273	78.273

9.2.9. 802.11be EHT160 MODE

Band	Tone	Channel	Center Frequency [MHz]	26dB BW [MHz]		Minimum 26dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-1/2A	996+484T (C)	50	5250	179.20	179.20	179.20	118.22	118.03	118.03
UNII-1/2A	996+484T (C)	50	5250	168.32	170.56	168.32	118.43	118.87	118.43
UNII-1/2A	484+996T (N)	50	5250	181.44	178.88	178.88	157.68	157.25	157.25
UNII-1/2A	996+484T (N)	50	5250	177.60	180.16	177.60	157.41	157.61	157.41
UNII-1/2A	996+484+242T (C)	50	5250	164.80	168.64	164.80	137.77	138.14	137.77
UNII-1/2A	996+484+242T (C)	50	5250	164.80	166.72	164.80	137.86	138.24	137.86
UNII-1/2A	242+484+996T (N)	50	5250	177.92	179.84	177.92	157.36	157.31	157.31
UNII-1/2A	484+242+996T (N)	50	5250	176.96	176.96	176.96	157.03	157.13	157.03
UNII-1/2A	484+242+996T (N)	50	5250	176.32	178.88	176.32	156.90	157.28	156.90
UNII-1/2A	996+242+484T (N)	50	5250	177.60	180.16	177.60	157.16	157.46	157.16
UNII-1/2A	996+242+484T (N)	50	5250	177.28	177.28	177.28	157.51	157.42	157.42
UNII-1/2A	996+484+242T (N)	50	5250	177.92	178.24	177.92	157.40	156.81	156.81
UNII-1/2A	2x996T	50	5250	173.76	180.16	173.76	156.49	156.62	156.49
UNII-2C	996+484T (C)	114	5570	178.56	180.48	178.56	117.88	118.38	117.88
UNII-2C	996+484T (C)	114	5570	174.08	168.32	168.32	121.36	121.67	121.36
UNII-2C	484+996T (N)	114	5570	180.48	179.52	179.52	157.58	157.50	157.50
UNII-2C	996+484T (N)	114	5570	180.16	179.84	179.84	157.44	157.45	157.44
UNII-2C	996+484+242T (C)	114	5570	163.52	173.12	163.52	138.12	137.85	137.85
UNII-2C	996+484+242T (C)	114	5570	164.80	173.12	164.80	137.93	138.27	137.93
UNII-2C	242+484+996T (N)	114	5570	176.32	180.48	176.32	156.84	157.40	156.84
UNII-2C	484+242+996T (N)	114	5570	178.24	179.52	178.24	157.28	157.08	157.08
UNII-2C	484+242+996T (N)	114	5570	178.88	177.60	177.60	157.39	157.27	157.27
UNII-2C	996+242+484T (N)	114	5570	179.84	180.16	179.84	157.11	157.11	157.11
UNII-2C	996+242+484T (N)	114	5570	178.24	180.16	178.24	157.09	157.61	157.09
UNII-2C	996+484+242T (N)	114	5570	178.56	178.88	178.56	157.12	157.17	157.12
UNII-2C	2x996T	114	5570	176.00	181.12	176.00	156.83	156.77	156.77
Band	Tone	Channel	Center Frequency [MHz]	6dB BW [MHz]		Minimum 6dB BW [MHz]	99% BW [MHz]		Minimum 99% BW [MHz]
				Chain 0	Chain 1		Chain 0	Chain 1	
UNII-3/4	996+484T (C)	163	5815	116.19	117.89	116.19	118.23	118.21	118.21
UNII-3/4	996+484T (C)	163	5815	116.80	116.80	116.80	118.84	117.17	117.17
UNII-3/4	484+996T (N)	163	5815	154.18	157.95	154.18	157.21	157.26	157.21
UNII-3/4	996+484T (N)	163	5815	157.25	156.10	156.10	157.93	157.74	157.74
UNII-3/4	996+484+242T (C)	163	5815	134.94	138.30	134.94	137.31	137.64	137.64
UNII-3/4	996+484+242T (C)	163	5815	137.22	138.69	137.22	137.74	138.11	137.74
UNII-3/4	242+484+996T (N)	163	5815	158.08	158.11	158.08	156.97	157.17	156.97
UNII-3/4	484+242+996T (N)	163	5815	158.14	157.66	157.66	157.23	156.87	156.87
UNII-3/4	484+242+996T (N)	163	5815	157.66	154.18	154.18	156.48	156.09	156.09
UNII-3/4	996+242+484T (N)	163	5815	157.15	158.08	157.15	157.35	156.22	156.22
UNII-3/4	996+242+484T (N)	163	5815	157.86	158.14	157.86	156.85	157.03	156.85
UNII-3/4	996+484+242T (N)	163	5815	157.92	156.96	156.96	156.64	156.83	156.64
UNII-3/4	2x996T	163	5815	156.54	157.73	156.54	156.14	156.03	156.03

9.3. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz

(a)(1)(iv) For mobile and portable 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. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

(a)(2) The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

(a) (3)(i) The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

Band 5.850-5.895 GHz

(a) (3)(iii) For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

RSS-247

Band 5.15-5.25 GHz

The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

Band 5.25-5.35 GHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Bands 5.47-5.6 GHz and 5.65-5.725 GHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Band 5.725-5.85 GHz

The maximum conducted output power shall not exceed 1 W. The power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

Band 5.850-5.895 GHz

For indoor client devices, the maximum e.i.r.p. shall not exceed 1 W (30 dBm). The maximum e.i.r.p. spectral density shall not exceed 14 dBm/MHz.

Limit Calculation Table

Band	BW (MHz)	Mode	Frequency Range	Uncorrelated Directional Gain [dBi]	Correlated Directional Gain [dBi]	Min 26dB BW [MHz]	FCC Power Limit [dBm]	FCC PSD Limit [dBm/1MHz]	Min 99% OBW [MHz]	ISED Power Limit [dBm]	ISED PSD Limit [dBm/1MHz]
UNII-1	20	20MHz / 242T (Smallest)	5180-5240	-5.14	-2.18	-	24.00	11.00	16.711	27.37	12.18
		26T	5180-5240	-5.14	-2.18	-	24.00	11.00	17.217	27.50	12.18
		52T	5180-5240	-5.14	-2.18	-	24.00	11.00	4.1424	21.31	12.18
		52+26T	5180-5240	-5.14	-2.18	-	24.00	11.00	4.1424	21.31	12.18
		106T	5180-5240	-5.14	-2.18	-	24.00	11.00	8.3773	24.37	12.18
		106+26T	5180-5240	-5.14	-2.18	-	24.00	11.00	8.3773	24.37	12.18
	40	40MHz / 484T (Smallest)	5180-5240	-5.14	-2.18	-	24.00	11.00	36.437	28.14	12.18
		80MHz / 996T (Smallest)	5180-5240	-5.14	-2.18	-	24.00	11.00	76.171	28.14	12.18
		484+242T (C)	5180-5240	-5.14	-2.18	-	24.00	11.00	58.958	28.14	12.18
		484+242T (N)	5180-5240	-5.14	-2.18	-	24.00	11.00	78.063	28.14	12.18
	80	242+484T (N)	5180-5240	-5.14	-2.18	-	24.00	11.00	77.961	28.14	12.18
		160MHz / 2x996T (Smallest)	5180-5240	-5.14	-2.18	-	24.00	11.00	155.35	28.14	12.18
		996+484T (C)	5180-5240	-5.14	-2.18	-	24.00	11.00	118.03	28.14	12.18
		484+996T (N)	5180-5240	-5.14	-2.18	-	24.00	11.00	157.25	28.14	12.18
		996+484T (N)	5180-5240	-5.14	-2.18	-	24.00	11.00	157.41	28.14	12.18
		996+484+242T (C)	5180-5240	-5.14	-2.18	-	24.00	11.00	137.77	28.14	12.18
		242+484+996T (N)	5180-5240	-5.14	-2.18	-	24.00	11.00	157.31	28.14	12.18
		484+242+996T (N)	5180-5240	-5.14	-2.18	-	24.00	11.00	156.9	28.14	12.18
	160	996+242+484T (N)	5180-5240	-5.14	-2.18	-	24.00	11.00	157.16	28.14	12.18
		996+484+242T (N)	5180-5240	-5.14	-2.18	-	24.00	11.00	156.81	28.14	12.18
UNII-2A	20	20MHz / 242T (Smallest)	5260-5320	-5.61	-2.65	22.52	24.00	11.00	16.709	23.23	11.00
		26T	5260-5320	-5.61	-2.65	18.52	23.68	11.00	17.148	23.34	11.00
		52T	5260-5320	-5.61	-2.65	18.92	23.77	11.00	4.1922	17.22	11.00
		52+26T	5260-5320	-5.61	-2.65	18.92	23.77	11.00	4.1922	17.22	11.00
		106T	5260-5320	-5.61	-2.65	21.00	24.00	11.00	8.3665	20.23	11.00
		106+26T	5260-5320	-5.61	-2.65	21.00	24.00	11.00	8.3665	20.23	11.00
	40	40MHz / 484T (Smallest)	5260-5320	-5.61	-2.65	45.04	24.00	11.00	36.49	24.00	11.00
		80MHz / 996T (Smallest)	5260-5320	-5.61	-2.65	91.36	24.00	11.00	76.274	24.00	11.00
	80	484+242T (C)	5260-5320	-5.61	-2.65	83.52	24.00	11.00	60.043	24.00	11.00
		484+242T (N)	5260-5320	-5.61	-2.65	89.12	24.00	11.00	77.887	24.00	11.00
		242+484T (N)	5260-5320	-5.61	-2.65	91.04	24.00	11.00	77.908	24.00	11.00
		20MHz / 242T (Smallest)	5500-5720	-4.87	-1.86	22.52	24.00	11.00	16.741	23.24	11.00
UNII-2C	20	26T	5500-5720	-4.87	-1.86	18.68	23.71	11.00	17.218	23.36	11.00
		52T	5500-5720	-4.87	-1.86	18.96	23.78	11.00	4.188	17.22	11.00
		52+26T	5500-5720	-4.87	-1.86	18.96	23.78	11.00	4.188	17.22	11.00
		106T	5500-5720	-4.87	-1.86	21.24	24.00	11.00	8.262	20.17	11.00
		106+26T	5500-5720	-4.87	-1.86	21.24	24.00	11.00	8.262	20.17	11.00
	40	40MHz / 484T (Smallest)	5260-5320	-4.87	-1.86	45.20	24.00	11.00	36.466	24.00	11.00
		80MHz / 996T (Smallest)	5260-5320	-4.87	-1.86	81.72	24.00	11.00	76.021	24.00	11.00
		484+242T (C)	5260-5320	-4.87	-1.86	84.00	24.00	11.00	59.163	24.00	11.00
		484+242T (N)	5260-5320	-4.87	-1.86	89.76	24.00	11.00	78.016	24.00	11.00
	80	242+484T (C)	5260-5320	-4.87	-1.86	91.52	24.00	11.00	78.016	24.00	11.00
		242+484T (N)	5260-5320	-4.87	-1.86	83.52	24.00	11.00	77.941	24.00	11.00
		160MHz / 2x996T (Smallest)	5260-5320	-4.87	-1.86	176.00	24.00	11.00	155.000	24.00	11.00
		996+484T (C)	5500-5720	-4.87	-1.86	168.32	24.00	11.00	117.88	24.00	11.00
		484+996T (N)	5500-5720	-4.87	-1.86	179.52	24.00	11.00	157.5	24.00	11.00
		996+484T (N)	5500-5720	-4.87	-1.86	179.84	24.00	11.00	157.44	24.00	11.00
		996+484+242T (C)	5500-5720	-4.87	-1.86	163.52	24.00	11.00	137.85	24.00	11.00
		242+484+996T (N)	5500-5720	-4.87	-1.86	176.32	24.00	11.00	156.84	24.00	11.00
	160	484+242+996T (N)	5260-5320	-4.87	-1.86	177.60	24.00	11.00	157.08	24.00	11.00
		996+242+484T (N)	5260-5320	-4.87	-1.86	178.24	24.00	11.00	157.09	24.00	11.00
		996+484+242T (N)	5260-5320	-4.87	-1.86	178.56	24.00	11.00	157.12	24.00	11.00
		UNII-3	5745-5825	-5.77	-2.78	-	30.00	30.00	-	30.00	30.00
		UNII-4	5845-5885	-6.56	-3.61	-	30.00	14.00	-	30.00	14.00

Note 1: Worst-case limit between FCC and ISD being used in tables below.

Note 2: PSD limit for UNII-3 bands is dBm/500kHz.

Note 3: UNII-1 ISD limit has been converted to conducted output power limit by subtracting antenna gain.

Note 4: UNII-4 Power and PSD limits are in terms of EIRP

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G) and for straddles channels KDB 789033 D02 v02r01, Section E.2.b (Method SA-2) was used.

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

The power output was measured on the EUT antenna port using SMA cable with 10dB attenuator connected to a power meter via wideband average power sensor. Gated average output power was read directly from power meter.

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2Tx:

Tx chains are uncorrelated for power and correlated for PSD. The directional gains are as follows:

Frequency Range (MHz)	Chain 0 Gain (dBi)	Chain 1 Gain (dBi)	Uncorrelated Gain (dBi)	Correlated Gain (dBi)
5180-5240	-6.28	-4.23	-5.14	-2.18
5260-5320	-6.62	-4.79	-5.61	-2.65
5500-5720	-5.18	-4.58	-4.87	-1.86
5745-5825	-6.46	-5.17	-5.77	-2.78
5845-5885	-7.69	-5.67	-6.56	-3.61

Directional gains for MIMO operations were determined using KDB662911 D01 Section F (2)(d)(i) and (ii) for unequal antenna gains, with equal transmit powers. The directional gains are calculated using the formulas for uncorrelated and correlated transmissions across the two transmit antennas.

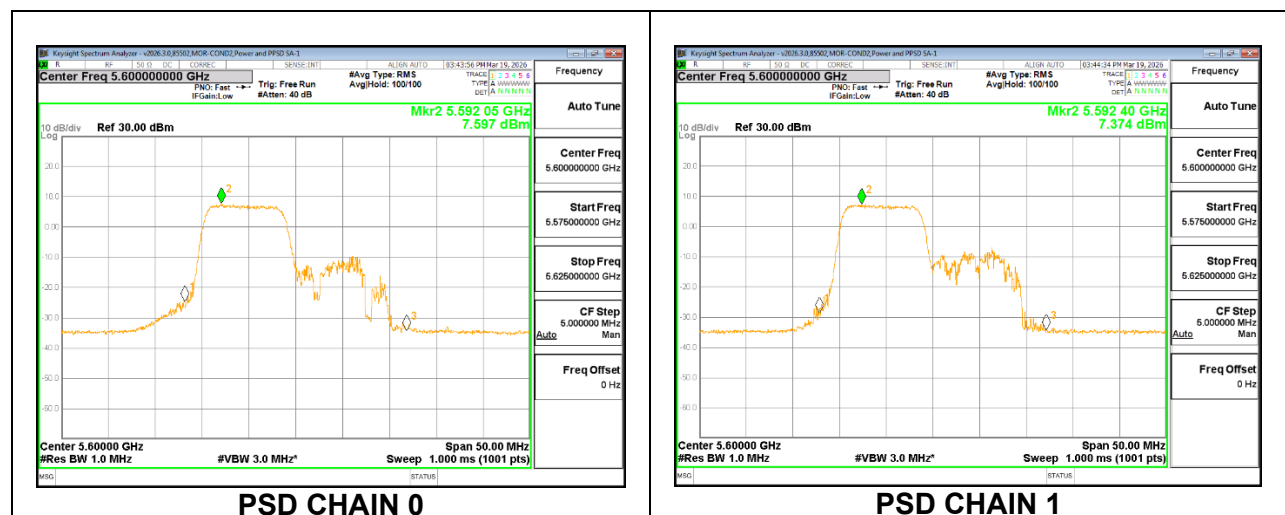
- (iii) Correlated gain = $10\log((10^{G1/20} + 10^{G2/20})^2 / N_{Ant})$
(iv) Uncorrelated gain = $10\log((10^{G1/10} + 10^{G2/10}) / N_{Ant})$

Sample calculation, using 2 antennas:

Correlated gain = $10\log((10^{-6.28/20} + 10^{-4.23/20})^2 / 2) = -2.18$ dBi

Uncorrelated gain = $10\log((10^{-6.28/10} + 10^{-4.23/10}) / 2) = -5.14$ dBi

Test Engineer:	33499/84740, 85502
Test Date:	2026-03-09 to 2026-04-17



9.3.1. 802.11a MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Channel	Freq. [MHz]	Average Power [dBm]			Uncorrelated Gain [dBi]	EIRP [dBm]	Maximum Limit [dBm]	Margin [dBm]
			Chain 0	Chain 1	MIMO				
UNII-1	36	5180	17.12	17.70	20.43			24.00	-3.57
	40	5200	17.19	17.81	20.52			24.00	-3.48
	48	5240	17.36	17.86	20.63			24.00	-3.37
UNII-2A	52	5260	17.36	17.99	20.70			23.23	-2.53
	60	5300	17.21	17.88	20.57			23.23	-2.66
	64	5320	17.36	17.73	20.56			23.23	-2.67
UNII-2C	100	5500	17.96	17.72	20.85			23.24	-2.39
	120	5600	17.90	17.66	20.79			23.24	-2.45
	140	5700	17.89	17.98	20.95			23.24	-2.29
	144	5720	17.61	17.95	20.80			23.24	-2.44
UNII-3	149	5745	17.59	17.93	20.77			30.00	-9.23
	157	5785	17.30	17.81	20.57			30.00	-9.43
	165	5825	17.19	17.94	20.59			30.00	-9.41
	144	5720	17.61	17.95	20.80			30.00	-9.20
UNII-4	169	5845	16.64	17.80	20.27	-6.56	13.71	30.00	-16.29
	173	5865	16.68	17.64	20.19	-6.56	13.63	30.00	-16.37
	177	5885	16.85	17.60	20.25	-6.56	13.69	30.00	-16.31

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC PSD)

Band	Channel	Freq. [MHz]	Measured PSD [dBm/1MHz]			DCCF [dB]	Correlated Gain [dBi]	Corrected PSD [dBm]	Maximum PSD Limit [dBm/MHz]	Margin [dBm]
			Chain 0	Chain 1	MIMO					
UNII-1	36	5180	5.39	6.39	8.93	0.47		9.4	11.00	-1.60
	40	5200	5.66	6.47	9.09	0.47		9.56	11.00	-1.44
	48	5240	6.01	6.55	9.3	0.47		9.77	11.00	-1.23
UNII-2A	52	5260	5.92	6.61	9.29	0.47		9.76	11.00	-1.24
	60	5300	5.81	6.56	9.21	0.47		9.68	11.00	-1.32
	64	5320	5.67	6.26	8.98	0.47		9.45	11.00	-1.55
UNII-2C	100	5500	4.15	4.36	7.26	0.47		7.73	11.00	-3.27
	120	5600	4.33	4.56	7.46	0.47		7.93	11.00	-3.07
	140	5700	4.18	5.08	7.66	0.47		8.13	11.00	-2.87
	144	5720	3.93	5.27	7.66	0.47		8.13	11.00	-2.87
UNII-3	149	5745	4.60	5.37	8.01	0.47		8.48	30.00	-21.52
	157	5785	4.54	4.83	7.7	0.47		8.17	30.00	-21.83
	165	5825	4.31	5.25	7.81	0.47		8.28	30.00	-21.72
	144	5720	1.90	2.36	5.15	0.47		5.62	30.00	-24.38
UNII-4	169	5845	5.86	7.44	9.73	0.47	-3.61	6.59	14.00	-7.41
	173	5865	5.31	7.22	9.38	0.47	-3.61	6.24	14.00	-7.76
	177	5885	5.62	7.04	9.4	0.47	-3.61	6.26	14.00	-7.74

Note: PSD limit for UNII-3 band is dBm/500kHz and in terms of EIRP for UNII-4.

9.3.2. 802.11n HT20 MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Channel	Freq. [MHz]	Average Power [dBm]			Uncorrelated Gain [dBi]	EIRP [dBm]	Maximum Limit [dBm]	Margin [dBm]
			Chain 0	Chain 1	MIMO				
UNII-1	36	5180	17.16	17.70	20.45			24.00	-3.55
	40	5200	17.31	17.92	20.63			24.00	-3.37
	48	5240	17.38	17.98	20.70			24.00	-3.30
UNII-2A	52	5260	16.80	17.69	20.28			23.23	-2.95
	60	5300	16.72	17.63	20.21			23.23	-3.02
	64	5320	16.77	17.42	20.12			23.23	-3.11
UNII-2C	100	5500	17.47	17.33	20.41			23.24	-2.83
	120	5600	17.72	17.36	20.55			23.24	-2.69
	140	5700	17.67	17.85	20.77			23.24	-2.47
	144	5720	17.61	17.97	20.80			23.24	-2.44
UNII-3	149	5745	17.34	17.96	20.67			30.00	-9.33
	157	5785	16.68	17.75	20.26			30.00	-9.74
	165	5825	17.22	17.81	20.53			30.00	-9.47
	144	5720	17.61	17.97	20.80			30.00	-9.20
UNII-4	169	5845	16.84	17.91	20.42	-6.56	13.86	30.00	-16.14
	173	5865	16.80	17.83	20.36	-6.56	13.80	30.00	-16.20
	177	5885	17.00	17.67	20.36	-6.56	13.80	30.00	-16.20

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC PSD)

Band	Channel	Freq. [MHz]	Measured PSD [dBm/1MHz]			DCCF [dB]	Correlated Gain [dBi]	Corrected PSD [dBm]	Maximum PSD Limit [dBm/MHz]	Margin [dBm]
			Chain 0	Chain 1	MIMO					
UNII-1	36	5180	5.50	6.17	8.86	0.61		9.47	11.00	-1.53
	40	5200	5.08	6.72	8.99	0.61		9.60	11.00	-1.40
	48	5240	5.37	6.76	9.13	0.61		9.74	11.00	-1.26
UNII-2A	52	5260	4.44	6.50	8.6	0.61		9.21	11.00	-1.79
	60	5300	5.53	7.07	9.38	0.61		9.99	11.00	-1.01
	64	5320	6.09	6.58	9.35	0.61		9.96	11.00	-1.04
UNII-2C	100	5500	6.46	6.08	9.28	0.61		9.89	11.00	-1.11
	120	5600	4.52	4.80	7.67	0.61		8.28	11.00	-2.72
	140	5700	4.31	5.66	8.05	0.61		8.66	11.00	-2.34
	144	5720	3.57	5.07	7.39	0.61		8.00	11.00	-3.00
UNII-3	149	5745	4.66	5.02	7.85	0.61		8.46	30.00	-21.54
	157	5785	4.86	5.19	8.04	0.61		8.65	30.00	-21.35
	165	5825	4.86	5.65	8.28	0.61		8.89	30.00	-21.11
	144	5720	1.46	1.95	4.73	0.61		5.34	30.00	-24.66
UNII-4	169	5845	5.01	6.62	8.9	0.61	-3.61	5.90	14.00	-8.10
	173	5865	5.41	6.83	9.19	0.61	-3.61	6.19	14.00	-7.81
	177	5885	5.53	6.97	9.32	0.61	-3.61	6.32	14.00	-7.68

Note: PSD limit for UNII-3 band is dBm/500kHz and in terms of EIRP for UNII-4.

9.3.3. 802.11n HT40 MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Channel	Freq. [MHz]	Average Power [dBm]			Uncorrelated Gain [dBi]	EIRP [dBm]	Maximum Limit [dBm]	Margin [dBm]
			Chain 0	Chain 1	MIMO				
UNII-1	38	5190	17.36	17.83	20.61			23.00	-2.39
	46	5230	17.18	17.92	20.58			23.00	-2.42
UNII-2A	54	5270	17.22	17.83	20.55			24.00	-3.45
	62	5310	16.62	17.62	20.16			24.00	-3.84
UNII-2C	102	5510	17.36	16.93	20.16			24.00	-3.84
	110	5550	17.71	17.22	20.49			24.00	-3.51
	134	5670	17.66	17.54	20.61			24.00	-3.39
	142	5710	17.63	17.74	20.69			24.00	-3.31
UNII-3	151	5755	17.27	17.85	20.58			30.00	-9.42
	159	5795	17.09	17.79	20.46			30.00	-9.54
	142	5710	17.63	17.74	20.69			30.00	-9.31
UNII-4	167	5835	16.902	17.915	20.45	-6.56	13.89	30.00	-16.11
	175	5875	16.789	17.885	20.38	-6.56	13.82	30.00	-16.18

9.3.4. 802.11ac VHT80 MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Channel	Freq. [MHz]	Average Power [dBm]			Uncorrelated Gain [dBi]	EIRP [dBm]	Maximum Limit [dBm]	Margin [dBm]
			Chain 0	Chain 1	MIMO				
UNII-1	42	5210	16.84	17.65	20.27			23.00	-2.73
UNII-2A	58	5290	16.90	17.76	20.36			24.00	-3.64
UNII-2C	106	5530	15.76	15.46	18.62			24.00	-5.38
	122	5610	15.88	15.54	18.72			24.00	-5.28
	138	5690	15.85	15.65	18.76			24.00	-5.24
UNII-3	155	5775	17.46	17.97	20.73			30.00	-9.27
	138	5690	16.29	16.04	19.18			30.00	-10.82
UNII-4	171	5855	16.945	17.886	20.45	-6.56	13.89	30.00	-9.55

9.3.5. 802.11ac VHT160 MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Channel	Freq. [MHz]	Average Power [dBm]			Maximum Limit [dBm]	Margin [dBm]
			Chain 0	Chain 1	MIMO		
UNII-1/UNII-2A	50	5250	17.34	17.71	20.54	23.00	-2.46
UNII-2C	114	5570	15.60	15.10	18.37	24.00	-5.63
UNII-3/UNII-4	163	5815	16.96	17.77	20.39	30.00	-9.61

9.3.6. 802.11ax HE20 MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Tones	Channel	Freq. [MHz]	Average Power [dBm]			Maximum Limit [dBm]	Margin [dBm]
				Chain 0	Chain 1	MIMO		
UNII-1	26T	36	5180	9.43	9.71	12.58	24.00	-11.42
		40	5200	9.38	9.94	12.68	24.00	-11.32
		48	5240	9.62	9.96	12.80	24.00	-11.20
	52T	36	5180	12.20	12.66	15.45	21.31	-5.86
		40	5200	11.96	12.48	15.24	21.31	-6.07
		48	5240	12.45	12.99	15.74	21.31	-5.57
	52+26T	36	5180	12.58	12.39	15.50	21.31	-5.81
		40	5200	12.03	12.65	15.36	21.31	-5.95
		48	5240	12.16	12.68	15.44	21.31	-5.87
	106T	36	5180	15.09	15.58	18.35	24.00	-5.65
		40	5200	15.26	15.77	18.53	24.00	-5.47
		48	5240	15.32	15.85	18.60	24.00	-5.40
	106+26T	36	5180	15.14	15.58	18.38	24.00	-5.62
		40	5200	15.23	15.78	18.52	24.00	-5.48
		48	5240	15.22	15.74	18.50	24.00	-5.50
	242T	36	5180	17.43	17.94	20.70	24.00	-3.30
		40	5200	17.10	17.79	20.47	24.00	-3.53
		48	5240	17.21	17.82	20.54	24.00	-3.46
UNII-2A	26T	52	5260	9.12	9.77	12.47	23.34	-10.87
		56	5280	8.92	9.56	12.26	23.34	-11.08
		64	5320	9.42	9.70	12.57	23.34	-10.77
	52T	52	5260	11.96	12.53	15.26	17.22	-1.96
		56	5280	11.50	12.23	14.89	17.22	-2.33
		64	5320	12.22	12.75	15.50	17.22	-1.72
	52+26T	52	5260	11.71	12.53	15.15	17.22	-2.07
		56	5280	11.51	12.20	14.88	17.22	-2.34
		64	5320	12.02	12.57	15.31	17.22	-1.91
	106T	52	5260	14.33	14.88	17.62	20.23	-2.61
		56	5280	14.18	14.89	17.56	20.23	-2.67
		64	5320	14.22	14.70	17.47	20.23	-2.76
	106+26T	52	5260	14.24	14.84	17.56	20.23	-2.67
		56	5280	13.99	14.77	17.41	20.23	-2.82
		64	5320	14.15	14.64	17.41	20.23	-2.82
	242T	52	5260	17.21	17.91	20.58	23.23	-2.65
		56	5280	17.01	17.86	20.47	23.23	-2.76
		64	5320	17.20	17.67	20.45	23.23	-2.78

Band	Tones	Channel	Freq. [MHz]	Average Power [dBm]			Maximum Limit [dBm]	Margin [dBm]
				Chain 0	Chain 1	MIMO		
UNII-2C	26T	100	5500	9.88	9.71	12.81	23.36	-10.55
		120	5600	9.63	9.28	12.47	23.36	-10.89
		140	5700	9.40	9.76	12.60	23.36	-10.76
		144	5720	9.49	9.90	12.71	17.22	-4.51
	52T	100	5500	12.57	12.22	15.41	17.22	-1.81
		120	5600	12.29	12.07	15.19	17.22	-2.03
		140	5700	12.30	12.74	15.54	17.22	-1.68
		144	5720	12.41	12.85	15.65	17.22	-1.57
	52+26T	100	5500	12.21	11.87	15.05	17.22	-2.17
		120	5600	12.33	11.95	15.16	17.22	-2.06
		140	5700	12.13	12.58	15.37	17.22	-1.85
		144	5720	12.21	12.62	15.43	17.22	-1.79
	106T	100	5500	15.34	15.09	18.23	20.17	-1.94
		120	5600	15.52	15.19	18.36	20.17	-1.81
		140	5700	15.37	15.70	18.55	20.17	-1.62
		144	5720	15.42	15.73	18.59	20.17	-1.58
	106+26T	100	5500	15.31	15.01	18.17	20.17	-2.00
		120	5600	15.51	15.08	18.31	20.17	-1.86
		140	5700	15.36	15.69	18.54	20.17	-1.63
		144	5720	15.27	15.76	18.53	20.17	-1.64
	242T	100	5500	15.89	15.37	18.65	23.24	-4.59
		120	5600	16.39	15.87	19.15	23.24	-4.09
		140	5700	15.71	15.89	18.81	23.24	-4.43
		144	5720	15.75	16.08	18.93	23.24	-4.31
UNII-3	26T	149	5745	9.32	9.88	12.62	30.00	-17.38
		157	5785	9.15	9.99	12.60	30.00	-17.40
		165	5825	8.99	9.72	12.38	30.00	-17.62
		144	5720	9.46	9.97	12.73	30.00	-17.27
	52T	149	5745	11.87	12.48	15.20	30.00	-14.80
		157	5785	11.89	12.57	15.25	30.00	-14.75
		165	5825	11.70	12.54	15.15	30.00	-14.85
		144	5720	12.29	12.92	15.63	30.00	-14.37
	52+26T	149	5745	11.56	12.12	14.86	30.00	-15.14
		157	5785	11.85	12.55	15.22	30.00	-14.78
		165	5825	11.51	12.39	14.99	30.00	-15.01
		144	5720	12.05	12.59	15.34	30.00	-14.66
	106T	149	5745	15.35	15.74	18.56	30.00	-11.44
		157	5785	15.14	15.73	18.46	30.00	-11.54
		165	5825	14.88	15.55	18.24	30.00	-11.76
		144	5720	15.31	15.81	18.58	30.00	-11.42
	106+26T	149	5745	15.23	15.73	18.50	30.00	-11.50
		157	5785	15.02	15.66	18.36	30.00	-11.64
		165	5825	14.72	15.52	18.15	30.00	-11.85
		144	5720	15.28	15.77	18.54	30.00	-11.46
	242T	149	5745	17.18	17.78	20.50	30.00	-9.50
		157	5785	16.87	17.68	20.31	30.00	-9.69
		165	5825	16.61	17.69	20.20	30.00	-9.80
		144	5720	15.75	16.08	18.93	30.00	-11.07

Band	Tones	Channel	Freq. [MHz]	Average Power [dBm]			Uncorrelated Gain [dBi]	EIRP [dBm]	Maximum Limit [dBm]	Margin [dBm]
				Chain 0	Chain 1	MIMO				
UNII-4	26T	169	5845	9.13	9.80	12.49	-6.56	5.93	30.00	-24.07
		173	5865	8.64	9.21	11.95	-6.56	5.39	30.00	-24.61
		177	5885	8.91	9.51	12.23	-6.56	5.67	30.00	-24.33
	52T	169	5845	11.79	12.57	15.21	-6.56	8.65	30.00	-21.35
		173	5865	11.60	12.23	14.94	-6.56	8.38	30.00	-21.62
		177	5885	11.71	12.44	15.10	-6.56	8.54	30.00	-21.46
	52+26T	169	5845	11.58	12.34	14.99	-6.56	8.43	30.00	-21.57
		173	5865	11.56	12.19	14.90	-6.56	8.34	30.00	-21.66
		177	5885	11.52	12.27	14.92	-6.56	8.36	30.00	-21.64
	106T	169	5845	14.81	15.58	18.22	-6.56	11.66	30.00	-18.34
		173	5865	14.95	15.52	18.25	-6.56	11.69	30.00	-18.31
		177	5885	14.83	15.47	18.17	-6.56	11.61	30.00	-18.39
	106+26T	169	5845	14.81	15.50	18.18	-6.56	11.62	30.00	-18.38
		173	5865	14.87	15.48	18.19	-6.56	11.63	30.00	-18.37
		177	5885	14.74	15.39	18.08	-6.56	11.52	30.00	-18.48
	242T	169	5845	16.60	17.63	20.16	-6.56	13.60	30.00	-16.40
		173	5865	16.76	17.57	20.20	-6.56	13.64	30.00	-16.36
		177	5885	14.74	15.39	18.09	-6.56	11.53	30.00	-18.47

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC PSD)

Band	Tones	Channel	Freq. [MHz]	Measured PSD [dBm/1MHz]			DCCF [dB]	Corrected PSD [dBm]	Maximum PSD Limit [dBm/MHz]	Margin [dBm]
				Chain 0	Chain 1	MIMO				
UNII-1	26T	36	5180	6.05	7.75	9.99	0	9.99	11.00	-1.01
		40	5200	5.97	6.98	9.51	0	9.51	11.00	-1.49
		48	5240	5.30	7.53	9.57	0	9.57	11.00	-1.43
	52T	36	5180	5.57	7.55	9.69	0	9.69	11.00	-1.31
		40	5200	5.65	8.00	9.99	0	9.99	11.00	-1.01
		48	5240	5.32	7.62	9.63	0	9.63	11.00	-1.37
	106T	36	5180	3.13	4.79	7.05	0	7.05	11.00	-3.95
		40	5200	5.87	7.83	9.97	0	9.97	11.00	-1.03
		48	5240	5.81	7.78	9.91	0	9.91	11.00	-1.09
	242T	36	5180	6.05	6.95	9.53	0.12	9.65	11.00	-1.35
		40	5200	6.02	7.16	9.64	0.12	9.76	11.00	-1.24
		48	5240	5.29	7.37	9.46	0.12	9.58	11.00	-1.42
UNII-2A	26T	52	5260	5.84	7.81	9.94	0	9.94	11.00	-1.06
		60	5300	5.28	6.26	8.81	0	8.81	11.00	-2.19
		64	5320	6.02	7.45	9.81	0	9.81	11.00	-1.19
	52T	52	5260	5.28	7.46	9.52	0	9.52	11.00	-1.48
		60	5300	5.66	7.60	9.75	0	9.75	11.00	-1.25
		64	5320	6.10	7.63	9.95	0	9.95	11.00	-1.05
	106T	52	5260	5.56	7.83	9.85	0	9.85	11.00	-1.15
		60	5300	6.10	7.51	9.87	0	9.87	11.00	-1.13
		64	5320	6.08	7.62	9.93	0	9.93	11.00	-1.07
	242T	52	5260	5.74	6.94	9.39	0.12	9.51	11.00	-1.49
		60	5300	6.48	6.82	9.67	0.12	9.79	11.00	-1.21
		64	5320	6.58	7.06	9.84	0.12	9.96	11.00	-1.04
UNII-2C	26T	100	5500	5.64	5.80	8.73	0	8.73	11.00	-2.27
		120	5600	4.68	4.52	7.61	0	7.61	11.00	-3.39
		140	5700	5.95	6.96	9.49	0	9.49	11.00	-1.51
		144	5720	5.79	6.39	9.11	0	9.11	11.00	-1.89
	52T	100	5500	5.71	6.30	9.02	0	9.02	11.00	-1.98
		120	5600	4.61	5.36	8.01	0	8.01	11.00	-2.99
		140	5700	4.62	5.69	8.2	0	8.2	11.00	-2.80
		144	5720	5.60	6.82	9.26	0	9.26	11.00	-1.74
	106T	100	5500	5.56	6.51	9.07	0	9.07	11.00	-1.93
		120	5600	4.94	5.91	8.46	0	8.46	11.00	-2.54
		140	5700	4.26	5.84	8.13	0	8.13	11.00	-2.87
		144	5720	5.73	6.38	9.07	0	9.07	11.00	-1.93
	242T	100	5500	6.56	6.66	9.62	0.12	9.74	11.00	-1.26
		120	5600	4.88	5.22	8.06	0.12	8.18	11.00	-2.82
		140	5700	4.28	5.82	8.13	0.12	8.25	11.00	-2.75
		144	5720	4.15	4.97	7.59	0.12	7.71	11.00	-3.29

Band	Tones	Channel	Freq. [MHz]	Measured PSD [dBm/1MHz]			DCCF [dB]	Correlated Gain [dBi]	Corrected PSD [dBm]	Maximum PSD Limit [dBm/MHz]	Margin [dBm]
				Chain 0	Chain 1	MIMO					
UNII-3	26T	149	5745	6.22	6.38	9.31	0		9.31	30.00	-20.69
		157	5785	5.61	6.22	8.94	0		8.94	30.00	-21.06
		165	5825	6.11	6.40	9.27	0		9.27	30.00	-20.73
		144	5720	3.67	4.31	7.01	0		7.01	30.00	-22.99
	52T	149	5745	6.23	6.80	9.53	0		9.53	30.00	-20.47
		157	5785	6.33	6.49	9.42	0		9.42	30.00	-20.58
		165	5825	6.16	7.28	9.77	0		9.77	30.00	-20.23
		144	5720	3.63	4.10	6.88	0		6.88	30.00	-23.12
	106T	149	5745	6.46	7.39	9.96	0		9.96	30.00	-20.04
		157	5785	6.55	6.84	9.71	0		9.71	30.00	-20.29
		165	5825	6.06	7.24	9.7	0		9.7	30.00	-20.30
		144	5720	3.53	3.87	6.71	0		6.71	30.00	-23.29
	242T	149	5745	4.66	5.41	8.06	0		8.06	30.00	-21.94
		157	5785	4.77	5.19	7.99	0		7.99	30.00	-22.01
		165	5825	5.07	5.98	8.56	0		8.56	30.00	-21.44
		144	5720	2.23	2.77	5.52	0		5.52	30.00	-24.48
UNII-4	26T	169	5845	7.16	8.72	11.02	0	-3.61	7.41	30.00	-22.59
		173	5865	5.92	7.30	9.67	0	-3.61	6.06	30.00	-23.94
		177	5885	7.63	8.46	11.07	0	-3.61	7.46	30.00	-22.54
	52T	169	5845	7.31	8.96	11.22	0	-3.61	7.61	30.00	-22.39
		173	5865	7.13	8.54	10.9	0	-3.61	7.29	30.00	-22.71
		177	5885	7.71	9.13	11.49	0	-3.61	7.88	30.00	-22.12
	106T	169	5845	6.97	8.89	11.05	0	-3.61	7.44	30.00	-22.56
		173	5865	6.98	8.91	11.06	0	-3.61	7.45	30.00	-22.55
		177	5885	7.58	8.78	11.23	0	-3.61	7.62	30.00	-22.38
	242T	169	5845	5.73	7.35	9.62	0	-3.61	6.01	30.00	-23.99
		173	5865	5.85	7.14	9.55	0	-3.61	5.94	30.00	-24.06
		177	5885	5.96	7.41	9.76	0	-3.61	6.15	30.00	-23.85

Note: PSD limit for UNII-3 band is dBm/500kHz and in terms of EIRP for UNII-4.

9.3.7. 802.11ax HE40 MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Tones	Channel	Freq. [MHz]	Average Power [dBm]			Uncorrelated Gain [dBi]	EIRP [dBm]	Maximum Limit [dBm]	Margin [dBm]
				Chain 0	Chain 1	MIMO				
UNII-1	484T	38	5190	16.96	17.64	20.32			23.00	-2.68
		46	5230	17.05	17.68	20.39			23.00	-2.61
UNII-2A	484T	54	5270	16.55	17.34	19.97			24.00	-4.03
		62	5310	16.42	17.40	19.95			24.00	-4.05
UNII-2C	484T	102	5510	17.72	17.40	20.57			24.00	-3.43
		110	5550	17.82	17.53	20.68			24.00	-3.32
		134	5670	17.41	17.47	20.45			24.00	-3.55
		142	5710	17.66	17.89	20.78			24.00	-3.22
UNII-3	484T	151	5755	16.88	17.64	20.29			30.00	-9.71
		159	5795	16.78	17.66	20.25			30.00	-9.75
		142	5710	17.66	17.89	20.78			30.00	-9.22
UNII-4	484T	167	5835	17.726	17.97	20.86	-6.56	14.30	30.00	-15.70
		175	5875	17.339	17.74	20.55	-6.56	13.99	30.00	-16.01

9.3.8. 802.11ax HE80 MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Tones	Channel	Freq. [MHz]	Average Power [dBm]			Uncorrelated Gain [dBi]	EIRP [dBm]	Maximum Limit [dBm]	Margin [dBm]
				Chain 0	Chain 1	MIMO				
UNII-1	484+242T (C)	42	5210	17.11	17.70	20.42			23.00	-2.58
	242+484T (N)	42	5210	16.77	17.72	20.28			23.00	-2.72
	484+242T (N)	42	5210	17.14	17.91	20.55			23.00	-2.45
	996T	42	5210	17.26	17.91	20.61			23.00	-2.39
UNII-2A	484+242T (C)	58	5290	16.79	17.79	20.33			24.00	-3.67
	242+484T (N)	58	5290	16.50	17.42	20.00			24.00	-4.00
	484+242T (N)	58	5290	16.67	17.66	20.20			24.00	-3.80
	996T	58	5290	17.02	17.84	20.46			24.00	-3.54
UNII-2C	484+242T (C)	106	5530	15.67	15.02	18.37			24.00	-5.63
		122	5610	15.66	15.06	18.38			24.00	-5.62
		138	5690	15.77	15.38	18.59			24.00	-5.41
	242+484T (N)	106	5530	15.51	14.72	18.14			24.00	-5.86
		122	5610	15.53	15.02	18.29			24.00	-5.71
		138	5690	15.50	15.27	18.40			24.00	-5.60
	484+242T (N)	106	5530	15.76	15.00	18.41			24.00	-5.59
		122	5610	15.63	15.21	18.44			24.00	-5.56
		138	5690	15.63	15.37	18.51			24.00	-5.49
	996T	106	5530	15.54	14.78	18.19			24.00	-5.81
		122	5610	15.52	14.91	18.24			24.00	-5.76
		138	5690	15.56	15.13	18.36			24.00	-5.64
UNII-3	484+242T (C)	155	5775	17.04	17.79	20.44			30.00	-9.56
		138	5690	16.51	16.74	19.63			30.00	-10.37
	242+484T (N)	155	5775	16.94	17.71	20.35			30.00	-9.65
		138	5690	16.24	16.33	19.30			30.00	-10.70
	484+242T (N)	155	5775	17.21	17.82	20.54			30.00	-9.46
		138	5690	16.25	16.56	19.42			30.00	-10.58
	996T	155	5775	16.98	17.36	20.19			30.00	-9.81
		138	5690	16.01	16.35	19.19			30.00	-10.81
UNII-4	484+242T (C)	171	5855	17.59	17.97	20.79	-6.56	14.23	30.00	-15.77
	242+484T (N)	171	5855	17.30	17.73	20.53	-6.56	13.97	30.00	-16.03
	484+242T (N)	171	5855	17.45	17.99	20.74	-6.56	14.18	30.00	-15.82
	996T	171	5855	17.14	17.68	20.43	-6.56	13.87	30.00	-16.13

9.3.9. 802.11ax HE160 MODE

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC POWER)

Band	Tones	Channel	Freq. [MHz]	Average Power [dBm]			Maximum Limit [dBm]	Margin [dBm]
				Chain 0	Chain 1	MIMO		
UNII-1/UNII-2A	996+484 (C) / 1095	50	5250	16.62	16.79	19.72	23.00	-3.28
	996+484 (C) / 0094	50	5250	16.18	16.69	19.45	23.00	-3.55
	484+996 (N) / 0095	50	5250	16.44	16.89	19.68	23.00	-3.32
	996+484 (N) /1094	50	5250	16.41	16.68	19.56	23.00	-3.44
	996+484+242 (C) /1099	50	5250	16.46	16.86	19.67	23.00	-3.33
	996+484+242 (C) /0096	50	5250	16.16	16.35	19.26	23.00	-3.74
	242+484+996 (N) /0097	50	5250	16.33	16.63	19.49	23.00	-3.51
	484+242+996 (N) /0098	50	5250	16.63	17.06	19.86	23.00	-3.14
	484+242+996 (N) /0099	50	5250	16.31	16.64	19.49	23.00	-3.51
	996+242+484 (N) /1096	50	5250	16.95	17.26	20.12	23.00	-2.88
	996+242+484 (N) /1097	50	5250	16.64	16.97	19.82	23.00	-3.18
	996+484+242 (N) /1098	50	5250	16.83	16.95	19.90	23.00	-3.10
	2x996T	50	5250	17.65	17.96	20.82	23.00	-2.18
UNII-2C	996+484 (C) / 1095	114	5570	15.55	14.96	18.28	24.00	-5.72
	996+484 (C) / 0094	114	5570	15.58	14.85	18.24	24.00	-5.76
	484+996 (N) / 0095	114	5570	15.28	14.72	18.02	24.00	-5.98
	996+484 (N) /1094	114	5570	15.37	14.65	18.04	24.00	-5.96
	996+484+242 (C) /1099	114	5570	15.45	14.84	18.17	24.00	-5.83
	996+484+242 (C) /0096	114	5570	15.68	15.05	18.39	24.00	-5.61
	242+484+996 (N) /0097	114	5570	15.45	14.80	18.15	24.00	-5.85
	484+242+996 (N) /0098	114	5570	15.51	14.84	18.20	24.00	-5.80
	484+242+996 (N) /0099	114	5570	15.36	14.79	18.09	24.00	-5.91
	996+242+484 (N) /1096	114	5570	15.74	15.22	18.50	24.00	-5.50
	996+242+484 (N) /1097	114	5570	15.64	14.92	18.31	24.00	-5.69
	996+484+242 (N) /1098	114	5570	15.51	14.91	18.23	24.00	-5.77
	2x996T	114	5570	15.81	15.17	18.51	24.00	-5.49
UNII-3/UNII-4	996+484 (C) / 1095	163	5815	17.31	17.93	20.64	30.00	-9.36
	996+484 (C) / 0094	163	5815	17.24	17.91	20.59	30.00	-9.41
	484+996 (N) / 0095	163	5815	16.91	17.54	20.25	30.00	-9.75
	996+484 (N) /1094	163	5815	16.85	17.39	20.14	30.00	-9.86
	996+484+242 (C) /1099	163	5815	16.89	17.47	20.20	30.00	-9.80
	996+484+242 (C) /0096	163	5815	17.04	17.72	20.41	30.00	-9.59
	242+484+996 (N) /0097	163	5815	16.94	17.41	20.19	30.00	-9.81
	484+242+996 (N) /0098	163	5815	17.11	17.64	20.40	30.00	-9.60
	484+242+996 (N) /0099	163	5815	17.01	17.42	20.23	30.00	-9.77
	996+242+484 (N) /1096	163	5815	17.30	17.93	20.63	30.00	-9.37
	996+242+484 (N) /1097	163	5815	17.06	17.68	20.39	30.00	-9.61
	996+484+242 (N) /1098	163	5815	17.05	17.56	20.33	30.00	-9.67
	2x996T	163	5815	17.28	17.94	20.63	30.00	-9.37

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 - Restricted bands

FCC §15.407(b)(1-3) - Un-Restricted bands

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

RSS 247 Issue 3 Sections

7.3.1.3 (for 5150-5250 MHz band)

7.3.2.3 (for 5250-5350 MHz band)

7.3.3.3 (for 5470-5725 MHz band)

7.3.4.4 (for 5725-5850 MHz band)

7.3.5.4 (for 5850-5895 MHz band)

Frequency Range (kHz)	Field Strength Limit (uA/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	6.37/F(kHz) @ 300 m	-
0.490-1.705	63.7/F(kHz) @ 30 m	-
1.705 - 30	0.08 @ 30m	-
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 9 kHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

3D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel).

Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

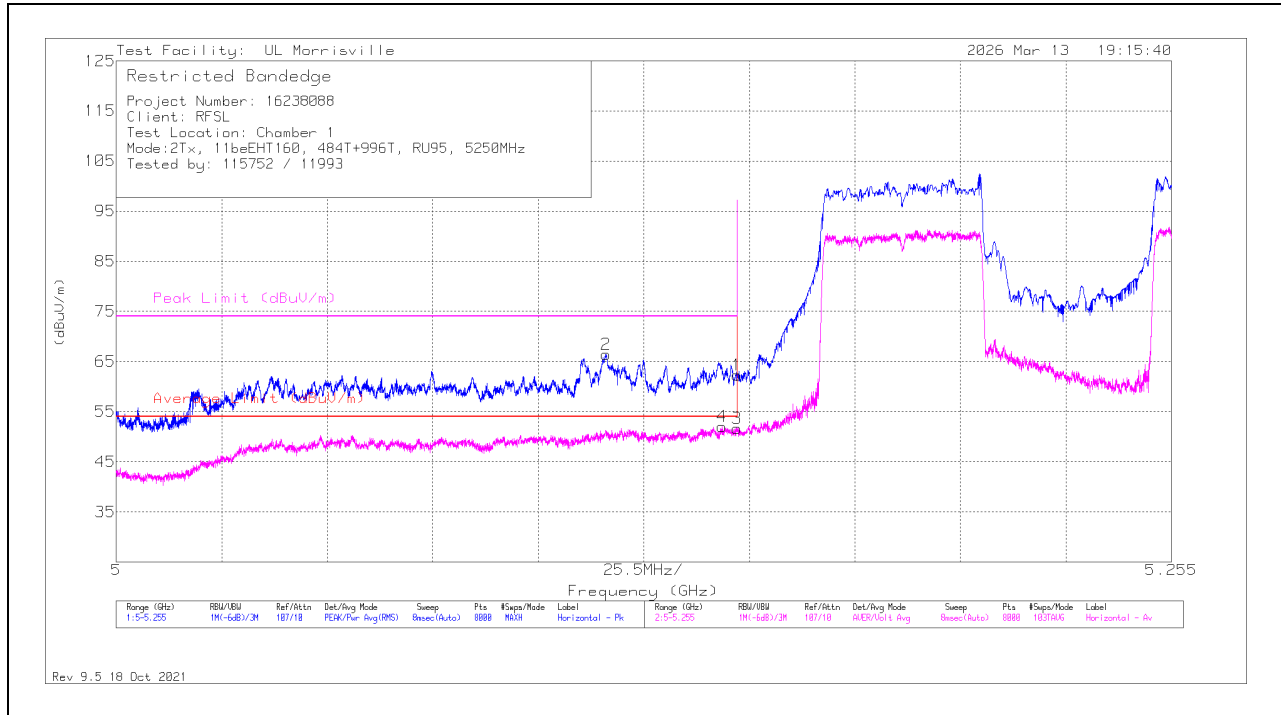
KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and the chamber measured test result is the worst-case test result.

10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. UNII-1 BAND

HORIZONTAL RESULT (WORST-CASE: 802.11be EHT160 484+996T)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	50.56	Pk	34.3	-22.6	0	62.26	-	-	74	-11.74	21	126	H
2	*** 5.11837	55.28	Pk	34.2	-23.1	0	66.38	-	-	74	-7.62	21	126	H
3	*** 5.14999	39.67	ADV	34.3	-22.6	.32	51.69	54	-2.31	-	-	21	126	H
4	*** 5.14642	40.17	ADV	34.3	-22.8	.32	51.99	54	-2.01	-	-	21	126	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANEDGE TEST DATA

Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	5180	1	*** 5.15	38.86	Pk	34.3	-22.6	0	50.56	-	-	74	-23.44	45	120	H
		2	*** 5.1491	40.6	Pk	34.3	-22.7	0	52.2	-	-	74	-21.8	45	120	H
		3	*** 5.15	26.44	ADV	34.3	-22.6	.94	39.08	54	-14.92	-	-	45	120	H
		4	*** 5.1489	27.86	ADV	34.3	-22.7	.94	40.4	54	-13.6	-	-	45	120	H
		1	*** 5.15	37.57	Pk	34.3	-22.6	0	49.27	-	-	74	-24.73	161	325	V
		2	*** 5.1474	38.07	Pk	34.3	-22.7	0	49.67	-	-	74	-24.33	161	325	V
		3	*** 5.15	24.8	ADV	34.3	-22.6	.94	37.44	54	-16.56	-	-	161	325	V
		4	*** 5.149	26.03	ADV	34.3	-22.7	.94	38.57	54	-15.43	-	-	161	325	V
802.11n HT20	5180	1	*** 5.15	36.09	Pk	34.3	-22.6	0	47.79	-	-	74	-26.21	6	125	H
		2	*** 5.1449	37.85	Pk	34.3	-22.8	0	49.35	-	-	74	-24.65	6	125	H
		3	*** 5.15	24.57	ADV	34.3	-22.6	1.23	37.5	54	-16.5	-	-	6	125	H
		4	*** 5.1489	25.41	ADV	34.3	-22.7	1.23	38.24	54	-15.76	-	-	6	125	H
		1	*** 5.15	34.48	Pk	34.3	-22.6	0	46.18	-	-	74	-27.82	224	323	V
		2	*** 5.1222	36.28	Pk	34.2	-22.9	0	47.58	-	-	74	-26.42	224	323	V
		3	*** 5.15	21.97	ADV	34.3	-22.6	1.23	34.9	54	-19.1	-	-	224	323	V
		4	*** 5.1482	23.7	ADV	34.3	-22.7	1.23	36.53	54	-17.47	-	-	224	323	V
802.11n HT40	5190	1	*** 5.15	45.45	Pk	34.3	-22.6	0	57.15	-	-	74	-16.85	19	144	H
		2	*** 5.148	47.02	Pk	34.3	-22.7	0	58.62	-	-	74	-15.38	19	144	H
		3	*** 5.15	30.91	ADV	34.3	-22.6	2.27	44.88	54	-9.12	-	-	19	144	H
		4	*** 5.1499	31.68	ADV	34.3	-22.6	2.27	45.65	54	-8.35	-	-	19	144	H
		1	*** 5.15	42.75	Pk	34.3	-22.6	0	54.45	-	-	74	-19.55	85	313	V
		2	*** 5.1488	43.12	Pk	34.3	-22.7	0	54.72	-	-	74	-19.28	85	313	V
		3	*** 5.15	28.88	ADV	34.3	-22.6	2.27	42.85	54	-11.15	-	-	85	313	V
		4	*** 5.1495	29.24	ADV	34.3	-22.7	2.27	43.11	54	-10.89	-	-	85	313	V
802.11ac VHT80	5210	1	*** 5.14991	44.67	Pk	34.3	-22.6	0	56.37	-	-	74	-17.63	29	126	H
		2	*** 5.14959	46.1	Pk	34.3	-22.7	0	57.7	-	-	74	-16.3	29	126	H
		3	*** 5.14991	31.29	ADV	34.3	-22.6	.46	43.45	54	-10.55	-	-	29	126	H
		4	*** 5.14927	32.09	ADV	34.3	-22.7	.46	44.15	54	-9.85	-	-	29	126	H
		1	*** 5.14991	38.71	Pk	34.3	-22.6	0	50.41	-	-	74	-23.59	102	222	V
		2	*** 5.14648	40.18	Pk	34.3	-22.8	0	51.68	-	-	74	-22.32	102	222	V
		3	*** 5.14991	25.63	ADV	34.3	-22.6	.46	37.79	54	-16.21	-	-	102	222	V
		4	*** 5.1482	26.84	ADV	34.3	-22.7	.46	38.9	54	-15.1	-	-	102	222	V
802.11ac VHT160	5250 (L)	1	*** 5.14999	47.34	Pk	34.3	-22.6	0	59.04	-	-	74	-14.96	27	131	H
		2	*** 5.12242	50.6	Pk	34.2	-22.9	0	61.9	-	-	74	-12.1	27	131	H
		3	*** 5.14999	30.86	ADV	34.3	-22.6	.46	43.02	54	-10.98	-	-	27	131	H
		4	*** 5.12251	34.1	ADV	34.2	-23	.46	45.76	54	-8.24	-	-	27	131	H
		1	*** 5.14998	40.43	Pk	34.3	-22.6	0	52.13	-	-	74	-21.87	104	228	V
		2	*** 5.12664	45.02	Pk	34.2	-23.2	0	56.02	-	-	74	-17.98	104	228	V
		3	*** 5.14998	26.17	ADV	34.3	-22.6	.46	38.33	54	-15.67	-	-	104	228	V
		4	*** 5.1212	28.96	ADV	34.2	-22.9	.46	40.72	54	-13.28	-	-	104	228	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT20 242T	5180	1	*** 5.15	50.28	Pk	34.1	-18.6	0	65.78	-	-	74	-8.22	89	109	H
		2	*** 5.1488	52.42	Pk	34.1	-18.6	0	67.92	-	-	74	-6.08	89	109	H
		3	*** 5.15	27.98	ADV	34.1	-18.6	.24	43.72	54	-10.28	-	-	89	109	H
		4	*** 5.1493	28.71	ADV	34.1	-18.6	.24	44.45	54	-9.55	-	-	89	109	H
		1	*** 5.15	47.92	Pk	34.1	-18.6	0	63.42	-	-	74	-10.58	223	271	V
		2	*** 5.1488	49.94	Pk	34.1	-18.6	0	65.44	-	-	74	-8.56	223	271	V
		3	*** 5.15	25.21	ADV	34.1	-18.6	.24	40.95	54	-13.05	-	-	223	271	V
		4	*** 5.1481	26.63	ADV	34.1	-18.6	.24	42.37	54	-11.63	-	-	223	271	V
802.11be EHT40 484T	5190	1	*** 5.14999	45.48	Pk	34.3	-22.6	0	57.18	-	-	74	-16.82	307	133	H
		2	*** 5.14167	50.86	Pk	34.3	-23	0	62.16	-	-	74	-11.84	307	133	H
		3	*** 5.14999	30.81	ADV	34.3	-22.6	.18	42.69	54	-11.31	-	-	307	133	H
		4	*** 5.14989	31.58	ADV	34.3	-22.6	.18	43.46	54	-10.54	-	-	307	133	H
		1	*** 5.15	45.66	Pk	34.3	-22.6	0	57.36	-	-	74	-16.64	106	283	V
		2	*** 5.1429	47.82	Pk	34.3	-22.9	0	59.22	-	-	74	-14.78	106	283	V
		3	*** 5.15	30.3	ADV	34.3	-22.6	.18	42.18	54	-11.82	-	-	106	283	V
		4	*** 5.1499	30.23	ADV	34.3	-22.6	.18	42.11	54	-11.89	-	-	106	283	V
802.11be EHT80 996T	5210	1	*** 5.14995	46.46	Pk	34.3	-22.6	0	58.16	-	-	74	-15.84	314	138	H
		2	*** 5.1493	46.84	Pk	34.3	-22.7	0	58.44	-	-	74	-15.56	314	138	H
		3	*** 5.14995	33.71	ADV	34.3	-22.6	.34	45.75	54	-8.25	-	-	314	138	H
		4	*** 5.14582	34.81	ADV	34.3	-22.8	.34	46.65	54	-7.35	-	-	314	138	H
		1	*** 5.14998	44.84	Pk	34.3	-22.6	0	56.54	-	-	74	-17.46	314	138	V
		2	*** 5.14988	45.19	Pk	34.3	-22.6	0	56.89	-	-	74	-17.11	314	138	V
		3	*** 5.14998	23.86	ADV	34.3	-22.6	.34	35.9	54	-18.1	-	-	314	138	V
		4	*** 5.14977	24.93	ADV	34.3	-22.7	.34	36.87	54	-17.13	-	-	314	138	V
802.11be EHT80 484+242T(C)	5210	1	*** 5.14998	46.39	Pk	34.3	-22.6	0	58.09	-	-	74	-15.91	20	137	H
		2	*** 5.14955	47.48	Pk	34.3	-22.7	0	59.08	-	-	74	-14.92	20	137	H
		3	*** 5.14998	34.86	ADV	34.3	-22.6	.25	46.81	54	-7.19	-	-	20	137	H
		4	*** 5.14671	35.52	ADV	34.3	-22.8	.25	47.27	54	-6.73	-	-	20	137	H
		1	*** 5.14998	43.89	Pk	34.3	-22.6	0	55.59	-	-	74	-18.41	101	266	V
		2	*** 5.14933	45.25	Pk	34.3	-22.7	0	56.85	-	-	74	-17.15	101	266	V
		3	*** 5.14998	31.97	ADV	34.3	-22.6	.25	43.92	54	-10.08	-	-	101	266	V
		4	*** 5.14955	33.1	ADV	34.3	-22.7	.25	44.95	54	-9.05	-	-	101	266	V
802.11be EHT160 2x996T	5250 (L)	1	*** 5.14999	46.31	Pk	34.3	-22.6	0	58.01	-	-	74	-15.99	31	137	H
		2	*** 5.11272	52.23	Pk	34.2	-23.4	0	63.03	-	-	74	-10.97	31	137	H
		3	*** 5.14999	34.9	ADV	34.3	-22.6	.42	47.02	54	-6.98	-	-	31	137	H
		4	*** 5.11231	37.45	ADV	34.1	-23.4	.42	48.57	54	-5.43	-	-	31	137	H
		1	*** 5.14999	41.89	Pk	34.3	-22.6	0	53.59	-	-	74	-20.41	103	239	V
		2	*** 5.12235	45.71	Pk	34.2	-22.9	0	57.01	-	-	74	-16.99	103	239	V
		3	*** 5.14999	30.35	ADV	34.3	-22.6	.42	42.47	54	-11.53	-	-	103	239	V
		4	*** 5.14604	31.35	ADV	34.3	-22.8	.42	43.27	54	-10.73	-	-	103	239	V
802.11be EHT160 484+996T	5250 (L)	1	*** 5.14999	50.56	Pk	34.3	-22.6	0	62.26	-	-	74	-11.74	21	126	H
		2	*** 5.11837	55.28	Pk	34.2	-23.1	0	66.38	-	-	74	-7.62	21	126	H
		3	*** 5.14999	39.67	ADV	34.3	-22.6	.32	51.69	54	-2.31	-	-	21	126	H
		4	*** 5.14642	40.17	ADV	34.3	-22.8	.32	51.99	54	-2.01	-	-	21	126	H
		1	*** 5.14999	47.84	Pk	34.3	-22.6	0	59.54	-	-	74	-14.46	84	268	V
		2	*** 5.11846	51.35	Pk	34.2	-23.1	0	62.45	-	-	74	-11.55	84	268	V
		3	*** 5.14999	35.45	ADV	34.3	-22.6	.32	47.47	54	-6.53	-	-	84	268	V
		4	*** 5.14744	36.36	ADV	34.3	-22.7	.32	48.28	54	-5.72	-	-	84	268	V

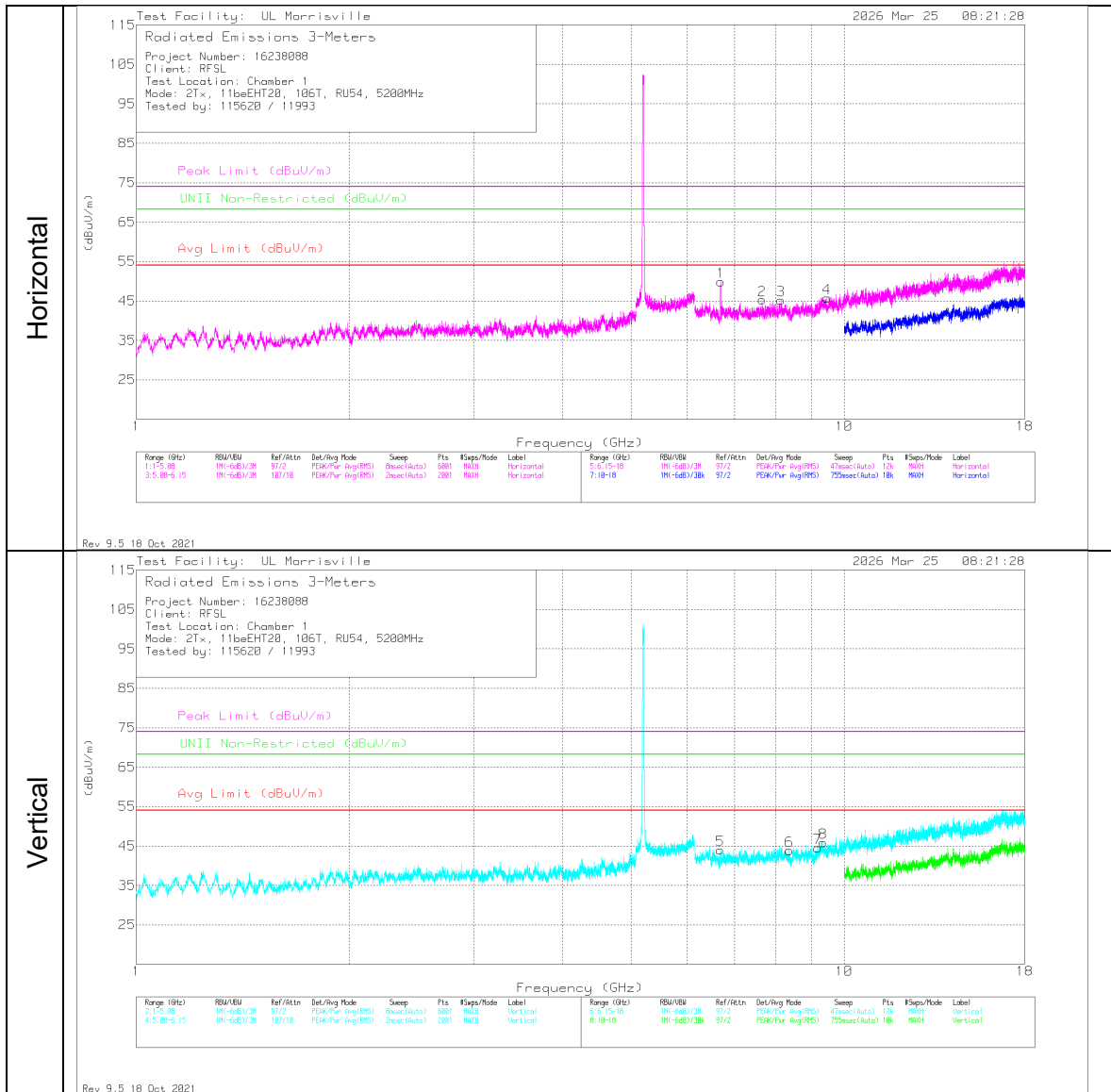
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS (WORST-CASE: 802.11be EHT20 106T)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 7.66186	51.47	Pk	35.8	-42	0	45.27	54	-8.73	74	-28.73	-	-	0-360	200	H
3	*** 8.14179	51.03	Pk	35.8	-41.6	0	45.23	54	-8.77	74	-28.77	-	-	0-360	200	H
4	*** 9.45911	51.09	Pk	36.6	-41.9	0	45.79	54	-8.21	74	-28.21	-	-	0-360	101	H
6	*** 8.37484	49.47	Pk	35.8	-41.4	0	43.87	54	-10.13	74	-30.13	-	-	0-360	101	V
7	*** 9.17768	49.61	Pk	36.3	-41.4	0	44.51	54	-9.49	74	-29.49	-	-	0-360	200	V
8	*** 9.34061	49.82	Pk	36.4	-40.3	0	45.92	54	-8.08	74	-28.08	-	-	0-360	200	V
5	6.6872	51.66	Pk	35.4	-43	0	44.06	-	-	-	-	68.2	-24.14	0-360	200	V
1	6.69214	57.5	Pk	35.4	-43	0	49.9	-	-	-	-	68.2	-18.3	0-360	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HARMONICS AND SPURIOUS TEST DATA

Mode	Frequency (MHz)	Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Limit (dBuV/m)	UNII Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT160 484+242+996 (N)	5250	1	*** 1565.08	54.62	Pk	28	-49.8	32.82	54	-21.18	74	-41.18	-	-	0-360	100	H
		2	*** 4049.12	52.55	Pk	33.4	-45.8	40.15	54	-13.85	74	-33.85	-	-	0-360	199	H
		4	*** 1531.76	53.25	Pk	27.9	-48.8	32.35	54	-21.65	74	-41.65	-	-	0-360	200	V
		5	** 1895.56	61.77	Pk	30.9	-49.4	43.27	54	-10.73	74	-30.73	68.2	-24.93	0-360	101	V
		3	*** 8119.075	49.71	Pk	36	-41.4	44.31	54	-9.69	74	-29.69	-	-	0-360	200	H
		6	*** 8258.313	50.05	Pk	35.9	-41.8	44.15	54	-9.85	74	-29.85	-	-	0-360	200	V
		7	*** 9018.688	49.3	Pk	36	-42.4	42.9	54	-11.1	74	-31.1	-	-	0-360	200	V
802.11be EHT20 106T	5180	1	*** 2357.28	55.53	Pk	32	-48.6	38.93	54	-15.07	74	-35.07	-	-	0-360	101	H
		2	*** 3979.76	53.2	Pk	33.4	-46.3	40.3	54	-13.7	74	-33.7	-	-	0-360	199	H
		4	*** 2240.32	55.34	Pk	32	-49.1	38.24	54	-15.76	74	-35.76	-	-	0-360	199	V
		5	*** 3934.88	53.5	Pk	33.4	-46.7	40.2	54	-13.8	74	-33.8	-	-	0-360	199	V
		3	*** 8115.125	50.05	Pk	36	-41.2	44.85	54	-9.15	74	-29.15	-	-	0-360	101	H
		6	*** 8143.763	50.03	Pk	36	-41.7	44.33	54	-9.67	74	-29.67	-	-	0-360	101	V
	5200	2	*** 7.66186	51.47	Pk	35.8	-42	45.27	54	-8.73	74	-28.73	-	-	0-360	200	H
		3	*** 8.14179	51.03	Pk	35.8	-41.6	45.23	54	-8.77	74	-28.77	-	-	0-360	200	H
		4	*** 9.45911	51.09	Pk	36.6	-41.9	45.79	54	-8.21	74	-28.21	-	-	0-360	101	H
		6	*** 8.37484	49.47	Pk	35.8	-41.4	43.87	54	-10.13	74	-30.13	-	-	0-360	101	V
		7	*** 9.17768	49.61	Pk	36.3	-41.4	44.51	54	-9.49	74	-29.49	-	-	0-360	200	V
		8	*** 9.34061	49.82	Pk	36.4	-40.3	45.92	54	-8.08	74	-28.08	-	-	0-360	200	V
		5	6.6872	51.66	Pk	35.4	-43	44.06	-	-	-	-	68.2	-24.14	0-360	200	V
		1	6.69214	57.5	Pk	35.4	-43	49.9	-	-	-	-	68.2	-18.3	0-360	101	H
	5240	1	*** 2243.04	54.74	Pk	32	-48.8	37.94	54	-16.06	74	-36.06	-	-	0-360	101	H
		2	*** 4116.44	53.36	Pk	33.5	-45.9	40.96	54	-13.04	74	-33.04	-	-	0-360	199	H
		4	*** 2258.68	55.13	Pk	32.1	-48.7	38.53	54	-15.47	74	-35.47	-	-	0-360	101	V
		5	*** 3692.12	52.87	Pk	33.1	-46.3	39.67	54	-14.33	74	-34.33	-	-	0-360	101	V
		3	*** 7644.088	51.03	Pk	35.6	-42.7	43.93	54	-10.07	74	-30.07	-	-	0-360	101	H
		6	*** 8056.863	50.04	Pk	35.9	-42	43.94	54	-10.06	74	-30.06	-	-	0-360	200	V

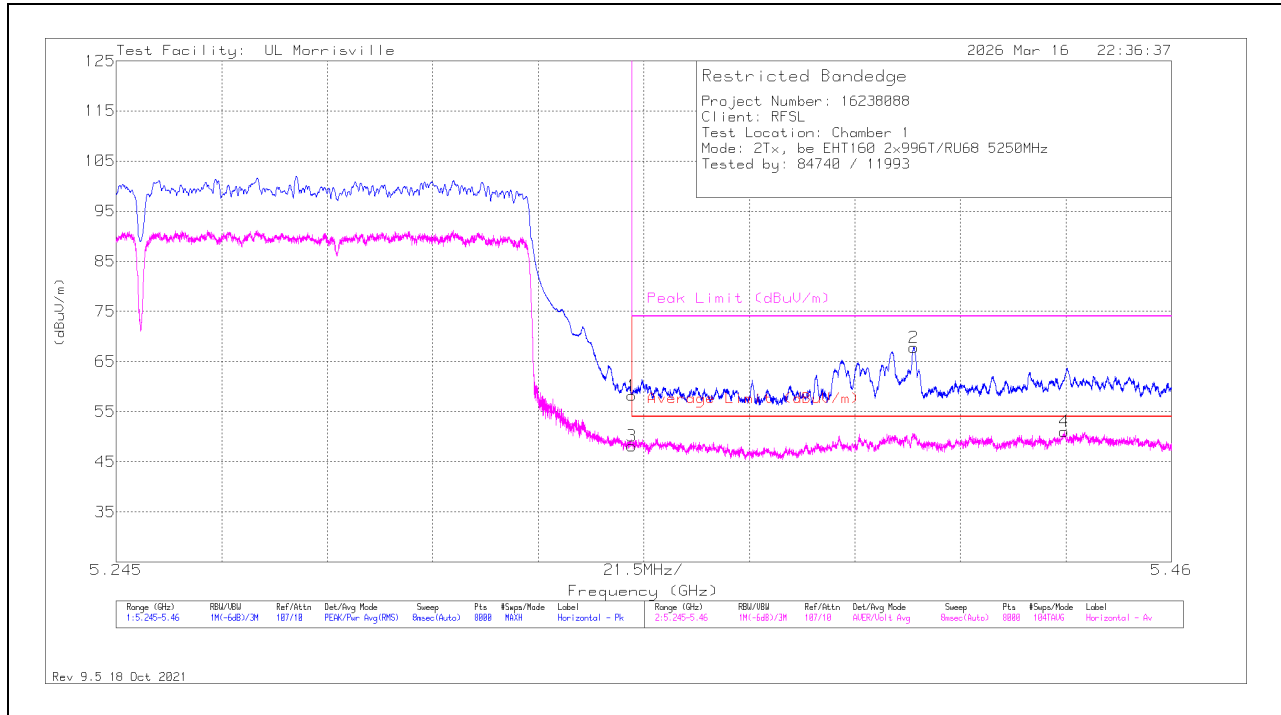
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.1.2. UNII-2A BAND

HORIZONTAL RESULT (WORST-CASE: 802.11be EHT160 2x996T)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	47.52	Pk	34.2	-23.5	0	58.22	-	-	74	-15.78	26	116	H
2	*** 5.40753	57.14	Pk	34.4	-23.7	0	67.84	-	-	74	-6.16	26	116	H
3	*** 5.35001	37.06	ADV	34.2	-23.5	.42	48.18	54	-5.82	-	-	26	116	H
4	*** 5.43817	39.63	ADV	34.3	-23.3	.42	51.05	54	-2.95	-	-	26	116	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE TEST DATA

Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	5320	1	*** 5.35001	38.46	Pk	34.2	-23.5	0	49.16	-	-	74	-24.84	354	117	H
		2	*** 5.35369	41	Pk	34.2	-23.3	0	51.9	-	-	74	-22.1	354	117	H
		3	*** 5.35001	27.15	ADV	34.2	-23.5	0.94	38.79	54	-15.21	-	-	354	117	H
		4	*** 5.35333	28.5	ADV	34.2	-23.4	0.94	40.24	54	-13.76	-	-	354	117	H
		1	*** 5.35001	37.09	Pk	34.2	-23.5	0	47.79	-	-	74	-26.21	92	239	V
		2	*** 5.35767	38.2	Pk	34.2	-23.2	0	49.2	-	-	74	-24.8	92	239	V
		3	*** 5.35001	25.37	ADV	34.2	-23.5	0.94	37.01	54	-16.99	-	-	92	239	V
		4	*** 5.35245	26.64	ADV	34.2	-23.4	0.94	38.38	54	-15.62	-	-	92	239	V
802.11n HT20	5320	1	*** 5.35001	40.67	Pk	34.2	-23.5	0	51.37	-	-	74	-22.63	23	118	H
		2	*** 5.35037	42.07	Pk	34.2	-23.5	0	52.77	-	-	74	-21.23	23	118	H
		3	*** 5.35001	29.07	ADV	34.2	-23.5	1.23	41	54	-13	-	-	23	118	H
		4	*** 5.35061	29.76	ADV	34.2	-23.5	1.23	41.69	54	-12.31	-	-	23	118	H
		1	*** 5.35001	36.7	Pk	34.2	-23.5	0	47.4	-	-	74	-26.6	86	226	V
		2	*** 5.35113	38.61	Pk	34.2	-23.4	0	49.41	-	-	74	-24.59	86	226	V
		3	*** 5.35001	25.49	ADV	34.2	-23.5	1.23	37.42	54	-16.58	-	-	86	226	V
		4	*** 5.35069	26.44	ADV	34.2	-23.5	1.23	38.37	54	-15.63	-	-	86	226	V
802.11n HT40	5310	1	*** 5.35001	48.06	Pk	34.4	-18.8	0	63.66	-	-	74	-10.34	54	129	H
		2	*** 5.35239	50.45	Pk	34.4	-18.7	0	66.15	-	-	74	-7.85	54	129	H
		3	*** 5.35001	33.47	ADV	34.4	-18.8	2.27	51.34	54	-2.66	-	-	54	129	H
		4	*** 5.35337	33.91	ADV	34.4	-18.7	2.27	51.88	54	-2.12	-	-	54	129	H
		1	*** 5.35001	41.51	Pk	34.4	-18.8	0	57.11	-	-	74	-16.89	223	270	V
		2	*** 5.35745	43.26	Pk	34.4	-18.6	0	59.06	-	-	74	-14.94	223	270	V
		3	*** 5.35001	27.99	ADV	34.4	-18.8	2.27	45.86	54	-8.14	-	-	223	270	V
		4	*** 5.35229	28.9	ADV	34.4	-18.7	2.27	46.87	54	-7.13	-	-	223	270	V
802.11ac VHT80	5290	1	*** 5.35002	51.13	Pk	34.2	-23.5	0	61.83	-	-	74	-12.17	22	121	H
		2	*** 5.35619	51.71	Pk	34.2	-23.2	0	62.71	-	-	74	-11.29	22	121	H
		3	*** 5.35002	38	ADV	34.2	-23.5	.46	49.16	54	-4.84	-	-	22	120	H
		4	*** 5.35317	38.15	ADV	34.2	-23.4	.46	49.41	54	-4.59	-	-	22	120	H
		1	*** 5.35002	43.64	Pk	34.2	-23.5	0	54.34	-	-	74	-19.66	101	262	V
		2	*** 5.35613	46.42	Pk	34.2	-23.2	0	57.42	-	-	74	-16.58	101	262	V
		3	*** 5.35002	30.7	ADV	34.2	-23.5	.46	41.86	54	-12.14	-	-	101	262	V
		4	*** 5.35385	32.28	ADV	34.2	-23.3	.46	43.64	54	-10.36	-	-	101	262	V
802.11ac VHT160	5250 (H)	1	*** 5.35001	48.46	Pk	34.2	-23.5	0	59.16	-	-	74	-14.84	350	127	H
		2	*** 5.40716	53.02	Pk	34.4	-23.7	0	63.72	-	-	74	-10.28	350	127	H
		3	*** 5.35001	35.79	ADV	34.2	-23.5	.46	46.95	54	-7.05	-	-	350	127	H
		4	*** 5.3524	37.03	ADV	34.2	-23.4	.46	48.29	54	-5.71	-	-	350	127	H
		1	*** 5.35001	44.92	Pk	34.2	-23.5	0	55.62	-	-	74	-18.38	90	252	V
		2	*** 5.40734	51.22	Pk	34.4	-23.7	0	61.92	-	-	74	-12.08	90	252	V
		3	*** 5.35001	33.67	ADV	34.2	-23.5	.46	44.83	54	-9.17	-	-	90	252	V
		4	*** 5.353	34.32	ADV	34.2	-23.4	.46	45.58	54	-8.42	-	-	90	252	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT20 242T	5320	1	*** 5.35001	54.92	Pk	34.4	-18.8	0	70.52	-	-	74	-3.48	81	109	H
		2	*** 5.35373	55.69	Pk	34.4	-18.7	0	71.39	-	-	74	-2.61	81	109	H
		3	*** 5.35001	32.04	ADV	34.4	-18.8	.24	47.88	54	-6.12	-	-	81	109	H
		4	*** 5.35011	34.95	ADV	34.4	-18.8	.24	50.79	54	-3.21	-	-	81	109	H
		1	*** 5.35001	49.02	Pk	34.4	-18.8	0	64.62	-	-	74	-9.38	148	336	V
		2	*** 5.35257	50.71	Pk	34.4	-18.7	0	66.41	-	-	74	-7.59	148	336	V
		3	*** 5.35001	26.34	ADV	34.4	-18.8	.24	42.18	54	-11.82	-	-	148	336	V
		4	*** 5.35029	30.03	ADV	34.4	-18.7	.24	45.97	54	-8.03	-	-	148	336	V
802.11be EHT40 484T	5310	1	*** 5.350	44.15	Pk	34.4	-24.3	0	54.25	-	-	74	-19.75	37	105	H
		2	*** 5.35133	46.33	Pk	34.4	-24.2	0	56.53	-	-	74	-17.47	37	105	H
		3	*** 5.350	31.19	ADV	34.4	-24.3	0.18	41.47	54	-12.53	-	-	37	105	H
		4	*** 5.352241	32.07	ADV	34.4	-24.2	0.18	42.45	54	-11.55	-	-	37	105	H
		1	*** 5.350	44.3	Pk	34.4	-24.3	0	54.4	-	-	74	-19.6	148	369	V
		2	*** 5.350148	47.26	Pk	34.4	-24.3	0	57.36	-	-	74	-16.64	148	369	V
		3	*** 5.350	29.69	ADV	34.4	-24.3	0.18	39.97	54	-14.03	-	-	148	369	V
		4	*** 5.350048	30.57	ADV	34.4	-24.3	0.18	40.85	54	-13.15	-	-	148	369	V
802.11be EHT80 996T	5290	1	*** 5.35002	49.12	Pk	34.2	-23.5	0	59.82	-	-	74	-14.18	351	127	H
		2	*** 5.36779	51.87	Pk	34.3	-23.4	0	62.77	-	-	74	-11.23	351	127	H
		3	*** 5.35002	36.54	ADV	34.2	-23.5	.34	47.58	54	-6.42	-	-	351	127	H
		4	*** 5.35339	38.67	ADV	34.2	-23.3	.34	49.91	54	-4.09	-	-	351	127	H
		1	*** 5.35002	46.64	Pk	34.2	-23.5	0	57.34	-	-	74	-16.66	103	194	V
		2	*** 5.36766	48.42	Pk	34.3	-23.4	0	59.32	-	-	74	-14.68	103	194	V
		3	*** 5.35002	35.24	ADV	34.2	-23.5	.34	46.28	54	-7.72	-	-	103	194	V
		4	*** 5.35341	35.87	ADV	34.2	-23.3	.34	47.11	54	-6.89	-	-	103	194	V
802.11be EHT80 242+484T(N)	5290	1	*** 5.35002	48.63	Pk	34.2	-23.5	0	59.33	-	-	74	-14.67	30	114	H
		2	*** 5.36326	53.16	Pk	34.3	-23.3	0	64.16	-	-	74	-9.84	30	114	H
		3	*** 5.35002	37.24	ADV	34.2	-23.5	.25	48.19	54	-5.81	-	-	30	114	H
		4	*** 5.35866	39.36	ADV	34.2	-23.2	.25	50.61	54	-3.39	-	-	30	114	H
		1	*** 5.35002	42.82	Pk	34.2	-23.5	0	53.52	-	-	74	-20.48	103	282	V
		2	*** 5.35241	47.77	Pk	34.2	-23.4	0	58.57	-	-	74	-15.43	103	282	V
		3	*** 5.35002	31.38	ADV	34.2	-23.5	.25	42.33	54	-11.67	-	-	103	282	V
		4	*** 5.35875	33.22	ADV	34.2	-23.2	.25	44.47	54	-9.53	-	-	103	282	V
802.11be EHT160 2x996T	5250 (H)	1	*** 5.35001	47.52	Pk	34.2	-23.5	0	58.22	-	-	74	-15.78	26	116	H
		2	*** 5.40753	57.14	Pk	34.4	-23.7	0	67.84	-	-	74	-6.16	26	116	H
		3	*** 5.35001	37.06	ADV	34.2	-23.5	.42	48.18	54	-5.82	-	-	26	116	H
		4	*** 5.43817	39.63	ADV	34.3	-23.3	.42	51.05	54	-2.95	-	-	26	116	H
		1	*** 5.35001	41.56	Pk	34.2	-23.5	0	52.26	-	-	74	-21.74	100	277	V
		2	*** 5.40748	47.82	Pk	34.4	-23.7	0	58.52	-	-	74	-15.48	100	277	V
		3	*** 5.35001	30.98	ADV	34.2	-23.5	.42	42.1	54	-11.9	-	-	100	277	V
		4	*** 5.43796	32.18	ADV	34.3	-23.3	.42	43.6	54	-10.4	-	-	100	277	V
802.11be EHT160 996+484T (C)	5250 (H)	1	*** 5.35001	56.42	Pk	34.2	-23.5	0	67.12	-	-	74	-6.88	30	116	H
		2	*** 5.36396	58.87	Pk	34.3	-23.3	0	69.87	-	-	74	-4.13	30	116	H
		3	*** 5.35001	38.27	ADV	34.2	-23.5	.32	49.29	54	-4.71	-	-	30	116	H
		4	*** 5.38407	40.54	ADV	34.3	-23.8	.32	51.36	54	-2.64	-	-	30	116	H
		1	*** 5.35001	49.92	Pk	34.2	-23.5	0	60.62	-	-	74	-13.38	85	309	V
		2	*** 5.38869	51.96	Pk	34.4	-23.5	0	62.86	-	-	74	-11.14	85	309	V
		3	*** 5.35001	32.73	ADV	34.2	-23.5	.32	43.75	54	-10.25	-	-	85	309	V
		4	*** 5.38412	34.77	ADV	34.3	-23.8	.32	45.59	54	-8.41	-	-	85	309	V

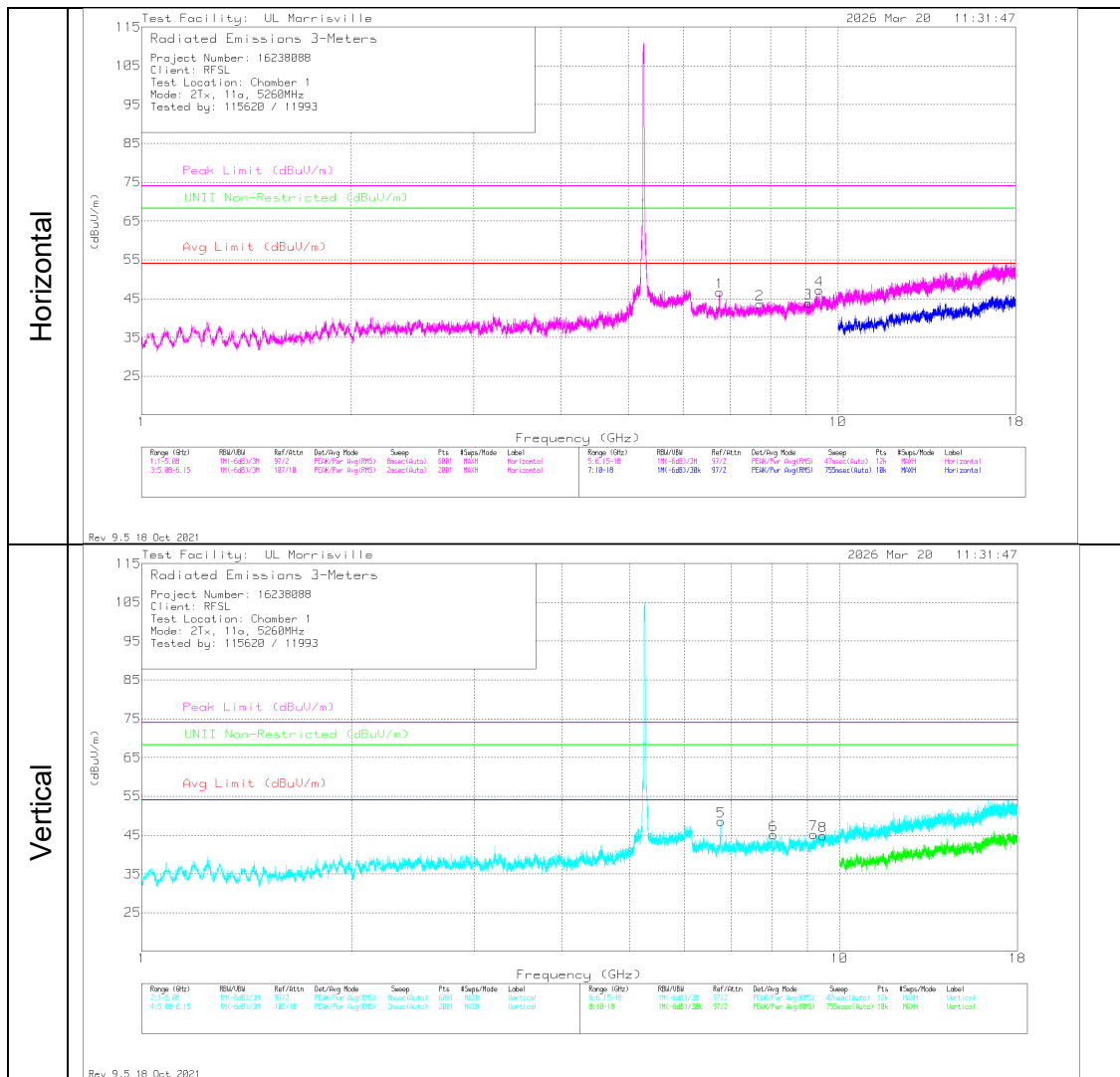
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS (WORST-CASE: 802.11a)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 7.2111	50.7	Pk	35.6	-42.7	43.6	54	-10.4	74	-30.4	-	-	0-360	101	H
3	*** 9.06609	50.49	Pk	36.1	-42.7	43.89	54	-10.11	74	-30.11	-	-	0-360	101	H
4	*** 9.40776	51	Pk	36.5	-40.3	47.2	54	-6.8	74	-26.8	-	-	0-360	101	H
6	*** 8.04896	50.84	Pk	35.8	-41.6	45.04	54	-8.96	74	-28.96	-	-	0-360	101	V
7	*** 9.1836	50.09	Pk	36.3	-41.2	45.19	54	-8.81	74	-28.81	-	-	0-360	101	V
8	*** 9.46899	50.46	Pk	36.6	-42.2	44.86	54	-9.14	74	-29.14	-	-	0-360	200	V
5	6.76225	56.26	Pk	35.4	-43.1	48.56	-	-	-	-	68.2	-19.64	0-360	101	V
1	6.7662	54.24	Pk	35.4	-43	46.64	-	-	-	-	68.2	-21.56	0-360	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HARMONICS AND SPURIOUS TEST DATA

Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Limit (dBuV/m)	UNII Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	5260	2	*** 7.72111	50.7	Pk	35.6	-42.7	43.6	54	-10.4	74	-30.4	-	-	0-360	101	H
		3	*** 9.06609	50.49	Pk	36.1	-42.7	43.89	54	-10.11	74	-30.11	-	-	0-360	101	H
		4	*** 9.40776	51	Pk	36.5	-40.3	47.2	54	-6.8	74	-26.8	-	-	0-360	101	H
		6	*** 8.04896	50.84	Pk	35.8	-41.6	45.04	54	-8.96	74	-28.96	-	-	0-360	101	V
		7	*** 9.1836	50.09	Pk	36.3	-41.2	45.19	54	-8.81	74	-28.81	-	-	0-360	101	V
		8	*** 9.46899	50.46	Pk	36.6	-42.2	44.86	54	-9.14	74	-29.14	-	-	0-360	200	V
		5	6.76225	56.26	Pk	35.4	-43.1	48.56	-	-	-	-	68.2	-19.64	0-360	101	V
		1	6.7662	54.24	Pk	35.4	-43	46.64	-	-	-	-	68.2	-21.56	0-360	101	H
	5300	2	*** 8.26424	51.3	Pk	35.7	-41.4	45.6	54	-8.4	74	-28.4	-	-	0-360	101	H
		3	*** 9.18953	50.32	Pk	36.3	-41.7	44.92	54	-9.08	74	-29.08	-	-	0-360	200	H
		4	*** 9.34456	50.12	Pk	36.4	-40.2	46.32	54	-7.68	74	-27.68	-	-	0-360	200	H
		6	*** 8.1487	50.05	Pk	35.8	-41.5	44.35	54	-9.65	74	-29.65	-	-	0-360	101	V
		7	*** 9.15003	50.08	Pk	36.2	-41.2	45.08	54	-8.92	74	-28.92	-	-	0-360	101	V
		8	*** 9.40678	50.1	Pk	36.5	-40.2	46.4	54	-7.6	74	-27.6	-	-	0-360	200	V
		5	6.75534	55.03	Pk	35.4	-43.1	47.33	-	-	-	-	68.2	-20.87	0-360	101	V
		1	6.77015	54.61	Pk	35.4	-43	47.01	-	-	-	-	68.2	-21.19	0-360	101	H
	5320	2	*** 8.22474	50.3	Pk	35.8	-41.4	44.7	54	-9.3	74	-29.3	-	-	0-360	200	H
		3	*** 9.13818	50.22	Pk	36.2	-42.2	44.22	54	-9.78	74	-29.78	-	-	0-360	101	H
		4	*** 9.40184	49.98	Pk	36.5	-40.6	45.88	54	-8.12	74	-28.12	-	-	0-360	101	H
		6	*** 8.33336	49.67	Pk	35.8	-41.6	43.87	54	-10.13	74	-30.13	-	-	0-360	200	V
		7	*** 9.02659	50.66	Pk	36.1	-42.3	44.46	54	-9.54	74	-29.54	-	-	0-360	101	V
		8	*** 9.49368	50.94	Pk	36.7	-42.8	44.84	54	-9.16	74	-29.16	-	-	0-360	200	V
		5	6.76028	55.22	Pk	35.4	-43.1	47.52	-	-	-	-	68.2	-20.68	0-360	101	V
		1	6.7662	55.23	Pk	35.4	-43	47.63	-	-	-	-	68.2	-20.57	0-360	101	H
802.11be EHT20 106T	5260	1	*** 2258.68	55.08	Pk	32.1	-48.7	38.48	54	-15.52	74	-35.52	-	-	0-360	101	H
		2	*** 4130.04	53.32	Pk	33.5	-46.6	40.22	54	-13.78	74	-33.78	-	-	0-360	101	H
		4	*** 2292	56.65	Pk	32.2	-48.6	40.25	54	-13.75	74	-33.75	-	-	0-360	101	V
		5	*** 2833.96	53.71	Pk	32.4	-45.9	40.21	54	-13.79	74	-33.79	-	-	0-360	200	V
		3	*** 8277.075	49.22	Pk	35.9	-41.6	43.52	54	-10.48	74	-30.48	-	-	0-360	200	H
		7	*** 8052.913	50.58	Pk	35.9	-41.8	44.68	54	-9.32	74	-29.32	-	-	0-360	101	V
		6	6760.275	52.87	Pk	35.6	-42.9	45.57	54	-8.43	74	-28.43	68.2	-22.63	0-360	101	V
		1	6.7662	54.24	Pk	35.4	-43	46.64	-	-	-	-	68.2	-21.56	0-360	101	H
	5300	4	*** 9.1204	49.53	Pk	36.2	-41.8	43.93	54	-10.07	74	-30.07	-	-	0-360	200	H
		5	*** 9.44134	50.98	Pk	36.6	-42.4	45.18	54	-8.82	74	-28.82	-	-	0-360	101	H
		7	*** 8.14179	51.24	Pk	35.8	-41.6	45.44	54	-8.56	74	-28.56	-	-	0-360	101	V
		9	*** 9.0572	49.29	Pk	36.1	-42	43.39	54	-10.61	74	-30.61	-	-	0-360	101	V
		10	*** 9.47985	51.24	Pk	36.7	-41.9	46.04	54	-7.96	74	-27.96	-	-	0-360	200	V
		6	6.80768	52.1	Pk	35.3	-43.2	44.2	-	-	-	-	68.2	-24	0-360	200	V
		1	6.81953	55.71	Pk	35.4	-43	48.11	-	-	-	-	68.2	-20.09	0-360	101	H
		3	8.75305	52.5	Pk	35.9	-41.4	47	-	-	-	-	68.2	-21.2	0-360	101	H
		8	8.757	49.51	Pk	35.9	-41.4	44.01	-	-	-	-	68.2	-24.19	0-360	101	V
	5320	1	* 1.58344	55.88	Pk	28.2	-49.5	34.58	54	-19.42	74	-39.42	-	-	0-360	199	H
		2	* 3.63704	51.83	Pk	33	-46.2	38.63	54	-15.37	74	-35.37	-	-	0-360	101	H
		5	* 2.70816	52.98	Pk	32.4	-47	38.38	54	-15.62	74	-35.62	-	-	0-360	199	V
		6	* 3.98384	52.7	Pk	33.4	-46.2	39.9	54	-14.1	74	-34.1	-	-	0-360	101	V
		3	* 7.53645	49.43	Pk	35.6	-42	43.03	54	-10.97	74	-30.97	-	-	0-360	101	H
		4	* 10.6451	49.44	Pk	37.6	-41.4	45.64	54	-8.36	74	-28.36	-	-	0-360	200	H
		7	* 8.124013	49.73	Pk	36	-41.6	44.13	54	-9.87	74	-29.87	-	-	0-360	200	V
		8	* 10.6538	56.52	PK-U	37.6	-41.8	52.32	-	-	74	-21.68	-	-	283	112	V
			* 10.653409	43.61	ADV	37.6	-41.7	39.51	54	-14.49	-	-	-	-	283	112	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

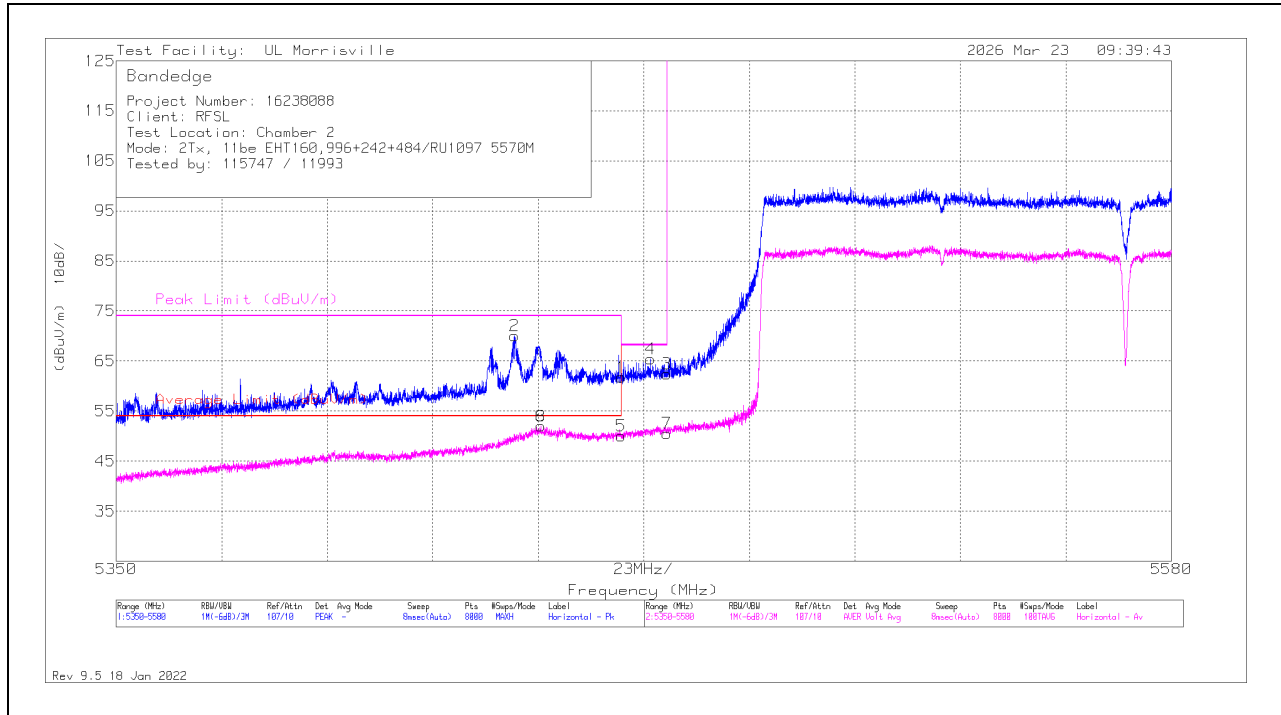
Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

10.1.3. UNII-2C BAND

HORIZONTAL RESULT (WORST-CASE: 802.11be EHT160 996+242+484T (N))



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5460	51.53	Pk	34.6	-24.4	61.73	-	-	68.2	-6.47	336	125	H
2	* ** 5436.895	59.68	Pk	34.5	-24.1	70.08	-	-	74	-3.92	336	125	H
5	* ** 5460	39.86	ADV	34.6	-24.4	50.06	54	-3.94	-	-	336	125	H
6	* ** 5442.588	40.57	ADV	34.6	-23.2	51.97	54	-2.03	-	-	336	125	H
8	* ** 5442.588	40.57	ADV	34.6	-23.2	51.97	54	-2.03	-	-	336	125	H
4	5466.454	55.05	Pk	34.6	-24.2	65.45	-	-	68.2	-2.75	336	125	H
3	5470	51.86	Pk	34.6	-24	62.46	-	-	68.2	-5.74	336	125	H
7	5470	39.95	ADV	34.6	-24	50.55	-	-	-	-	336	125	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE TEST DATA

Mode	Frequency (MHz)	Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Pad/Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	5500	1	*** 5460	37.96	Pk	34.6	-24.4	10	0	58.16	-	-	68.2	-10.04	98	117	H
		2	*** 5459.959	40.95	Pk	34.6	-24.4	10	0	61.15	-	-	74	-12.85	98	117	H
		5	*** 5460	26.17	ADV	34.6	-24.4	10	.94	47.31	54	-6.69	-	-	98	117	H
		6	*** 5459.478	26.75	ADV	34.6	-24.4	10	.94	47.89	54	-6.11	-	-	98	117	H
		8	*** 5459.478	26.75	ADV	34.6	-24.4	10	.94	47.89	54	-6.11	-	-	98	117	H
		4	5466.063	44.36	Pk	34.6	-24.2	10	0	64.76	-	-	68.2	-3.44	98	117	H
		1	*** 5460	33.16	Pk	34.6	-24.4	10	0	53.36	-	-	68.2	-14.84	239	253	V
		2	*** 5442.631	34.79	Pk	34.6	-23.2	10	0	56.19	-	-	74	-17.81	239	253	V
	5700	5	*** 5460	21.75	ADV	34.6	-24.4	10	.94	42.89	54	-11.11	-	-	239	253	V
		6	*** 5442.194	22.56	ADV	34.6	-23.2	10	.94	44.9	54	-9.1	-	-	239	253	V
		8	*** 5442.194	22.56	ADV	34.6	-23.2	10	.94	44.9	54	-9.1	-	-	239	253	V
		1	5725	35.05	Pk	34.8	-23.5	10	0	56.35	-	-	68.2	-11.85	95	121	H
		2	5734.395	37.12	Pk	34.8	-23.5	9.9	0	58.32	-	-	68.2	-9.88	95	121	H
		1	5.725	33.01	Pk	34.8	-23.5	10	0	54.31	-	-	68.2	-13.89	172	265	V
		2	5.72846	34.86	Pk	34.8	-23.4	10	0	56.26	-	-	68.2	-11.94	172	265	V
		1	*** 5460	40.54	Pk	34.6	-24.4	10	0	60.74	-	-	68.2	-7.46	108	114	H
802.11n HT20	5500	2	*** 5459.543	42.15	Pk	34.6	-24.4	10	0	62.35	-	-	74	-11.65	108	114	H
		5	*** 5460	25.9	ADV	34.6	-24.4	10	1.23	47.33	54	-6.67	-	-	108	114	H
		6	*** 5459.478	26.44	ADV	34.6	-24.4	10	1.23	47.87	54	-6.13	-	-	108	114	H
		8	*** 5459.478	26.44	ADV	34.6	-24.4	10	1.23	47.87	54	-6.13	-	-	108	114	H
		1	*** 5460	38.07	Pk	34.6	-24.4	10	0	58.27	-	-	68.2	-9.93	158	237	V
		2	*** 5457.771	39.91	Pk	34.6	-24.5	10	0	60.01	-	-	74	-13.99	158	237	V
		5	*** 5460	24.42	ADV	34.6	-24.4	10	1.23	45.85	54	-8.15	-	-	158	237	V
		6	*** 5459.193	24.91	ADV	34.6	-24.4	10	1.23	46.34	54	-7.66	-	-	158	237	V
		8	*** 5459.193	24.91	ADV	34.6	-24.4	10	1.23	46.34	54	-7.66	-	-	158	237	V
	5700	1	5725	38.67	Pk	34.8	-23.5	10	0	59.97	-	-	68.2	-8.23	103	139	H
		2	5725.284	40.38	Pk	34.8	-23.5	10	0	61.68	-	-	68.2	-6.52	103	139	H
		1	5725	35.02	Pk	34.8	-23.5	10	0	56.32	-	-	68.2	-11.88	174	230	V
		2	5725.175	36.02	Pk	34.8	-23.5	10	0	57.32	-	-	68.2	-10.88	174	230	V
		1	*** 5460	38.71	Pk	34.6	-24.4	10	0	58.91	-	-	68.2	-9.29	89	115	H
		2	*** 5452.914	40.89	Pk	34.6	-24.6	10	0	60.89	-	-	74	-13.11	89	115	H
		5	*** 5460	25.66	ADV	34.6	-24.4	10	2.27	48.13	54	-5.87	-	-	89	114	H
		6	*** 5446.329	26.34	ADV	34.6	-23.7	10	2.27	49.51	54	-4.49	-	-	89	114	H
802.11n HT40	5510	8	*** 5446.329	26.34	ADV	34.6	-23.7	10	2.27	49.51	54	-4.49	-	-	89	114	H
		4	5468.623	44.82	Pk	34.6	-24.1	10	0	65.32	-	-	68.2	-2.88	89	115	H
		1	*** 5460	34.79	Pk	34.6	-24.4	10	0	54.99	-	-	68.2	-13.21	170	221	V
		2	*** 5443.222	35.66	Pk	34.6	-23.3	10	0	56.96	-	-	74	-17.04	170	221	V
		5	*** 5460	23.25	ADV	34.6	-24.4	10	2.27	45.72	54	-8.28	-	-	170	221	V
		6	*** 5442.172	22.98	ADV	34.6	-23.2	10	2.27	46.65	54	-7.35	-	-	170	221	V
		8	*** 5442.172	22.98	ADV	34.6	-23.2	10	2.27	46.65	54	-7.35	-	-	170	221	V
		4	5468.973	36.67	Pk	34.6	-24.1	10	0	57.17	-	-	68.2	-11.03	170	221	V
	5670	1	5725	36.92	Pk	34.8	-23.5	10	0	58.22	-	-	68.2	-9.98	103	135	H
		2	5725.906	38.31	Pk	34.8	-23.5	10	0	59.61	-	-	68.2	-8.59	103	135	H
		1	5725	34.11	Pk	34.8	-23.5	10	0	55.41	-	-	68.2	-12.79	158	338	V
		2	5727.474	36.23	Pk	34.8	-23.4	10	0	57.63	-	-	68.2	-10.57	158	338	V
		1	*** 5460	39.31	Pk	34.6	-24.4	10	0	59.51	-	-	68.2	-8.69	90	120	H
		2	*** 5442.304	40.64	Pk	34.6	-23.2	10	0	62.04	-	-	74	-11.96	90	120	H
		5	*** 5460	26.62	ADV	34.6	-24.4	10	.46	47.28	54	-6.72	-	-	90	120	H
		6	*** 5459.234	28.07	ADV	34.6	-24.4	10	.46	48.73	54	-5.27	-	-	90	120	H
802.11ac VHT80	5530	8	*** 5459.234	28.07	ADV	34.6	-24.4	10	.46	48.73	54	-5.27	-	-	90	120	H
		4	5466.935	42.8	Pk	34.6	-24.2	10	0	63.2	-	-	68.2	-5	90	120	H
		1	*** 5460	35.9	Pk	34.6	-24.4	10	0	56.1	-	-	68.2	-12.1	150	294	V
		2	*** 5443.298	37.1	Pk	34.6	-23.3	10	0	58.4	-	-	74	-15.6	150	294	V
		5	*** 5460	24.75	ADV	34.6	-24.4	10	.46	45.41	54	-8.59	-	-	150	294	V
		6	*** 5458.517	25.74	ADV	34.6	-24.5	10	.46	46.3	54	-7.7	-	-	150	294	V
		8	*** 5458.517	25.74	ADV	34.6	-24.5	10	.46	46.3	54	-7.7	-	-	150	294	V
		4	5469.34	39.58	Pk	34.6	-24.1	10	0	60.08	-	-	68.2	-8.12	150	294	V
	5610	4	*** 5.3524	37.03	ADV	34.2	-23.4	0	.46	48.29	54	-5.71	-	-	350	127	H
		1	*** 5.35001	44.92	Pk	34.2	-23.5	0	0	55.62	-	-	74	-18.38	90	252	V
		2	*** 5.40734	51.22	Pk	34.4	-23.7	0	0	61.92	-	-	74	-12.08	90	252	V
		3	*** 5.35001	33.67	ADV	34.2	-23.5	0	.46	44.83	54	-9.17	-	-	90	252	V
		4	*** 5.353	34.32	ADV	34.2	-23.4	0	.46	45.58	54	-8.42	-	-	90	252	V
		1	5725	36.3	Pk	34.8	-23.5	10	0	57.6	-	-	68.2	-10.6	352	128	H
		2	5727.143	38.76	Pk	34.8	-23.5	10	0	60.06	-	-	68.2	-8.14	352	128	H
		1	5725	33.07	Pk	34.8	-23.5	10	0	54.37	-	-	68.2	-13.83	153	217	V
802.11ac VHT160	5570 (L)	2	5739.21	36.75	Pk	34.8	-23.6	9.9	0	57.85	-	-	68.2	-10.35	153	217	V
		1	*** 5460	36.7	Pk	34.6	-24.4	10	0	56.9	-	-	68.2	-11.3	126	107	H
		2	*** 5443.652	42.25	Pk	34.6	-23.4	10	0	63.45	-	-	74	-10.55	126	107	H
		5	*** 5460	25.51	ADV	34.6	-24.4	10	.46	46.17	54	-7.83	-	-	126	107	H
		6	*** 5442.674	26.7	ADV	34.6	-23.3	10	.46	48.46	54	-5.54	-	-	126	107	H
		8	*** 5442.674	26.7	ADV	34.6	-23.3	10	.46	48.46	54	-5.54	-	-	126	107	H
		4	5467.604	39.29	Pk	34.6	-24.1	10	0	59.79	-	-	68.2	-8.41	126	107	H

Mode	Frequency (MHz)	Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Pad/Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
		1	*** 5460	32.23	Pk	34.6	-24.4	10	0	52.43	-	-	68.2	-15.77	226	262	V
		2	*** 5442.358	36.14	Pk	34.6	-23.2	10	0	57.54	-	-	74	-16.46	226	262	V
		5	*** 5460	22.45	ADV	34.6	-24.4	10	.46	43.11	54	-10.89	-	-	226	262	V
		6	*** 5442.042	22.86	ADV	34.6	-23.2	10	.46	44.72	54	-9.28	-	-	226	262	V
		8	*** 5442.042	22.86	ADV	34.6	-23.2	10	.46	44.72	54	-9.28	-	-	226	262	V
	5570 (H)	1	5725	34.3	Pk	34.8	-23.5	10	0	55.6	-	-	68.2	-12.6	104	136	H
		2	5727.434	41.35	Pk	34.8	-23.4	10	0	62.75	-	-	68.2	-5.45	104	136	H
		1	5725	34.26	Pk	34.8	-23.5	10	0	55.56	-	-	68.2	-12.64	186	274	V
		2	5727.5	37.78	Pk	34.8	-23.4	10	0	59.18	-	-	68.2	-9.02	186	274	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

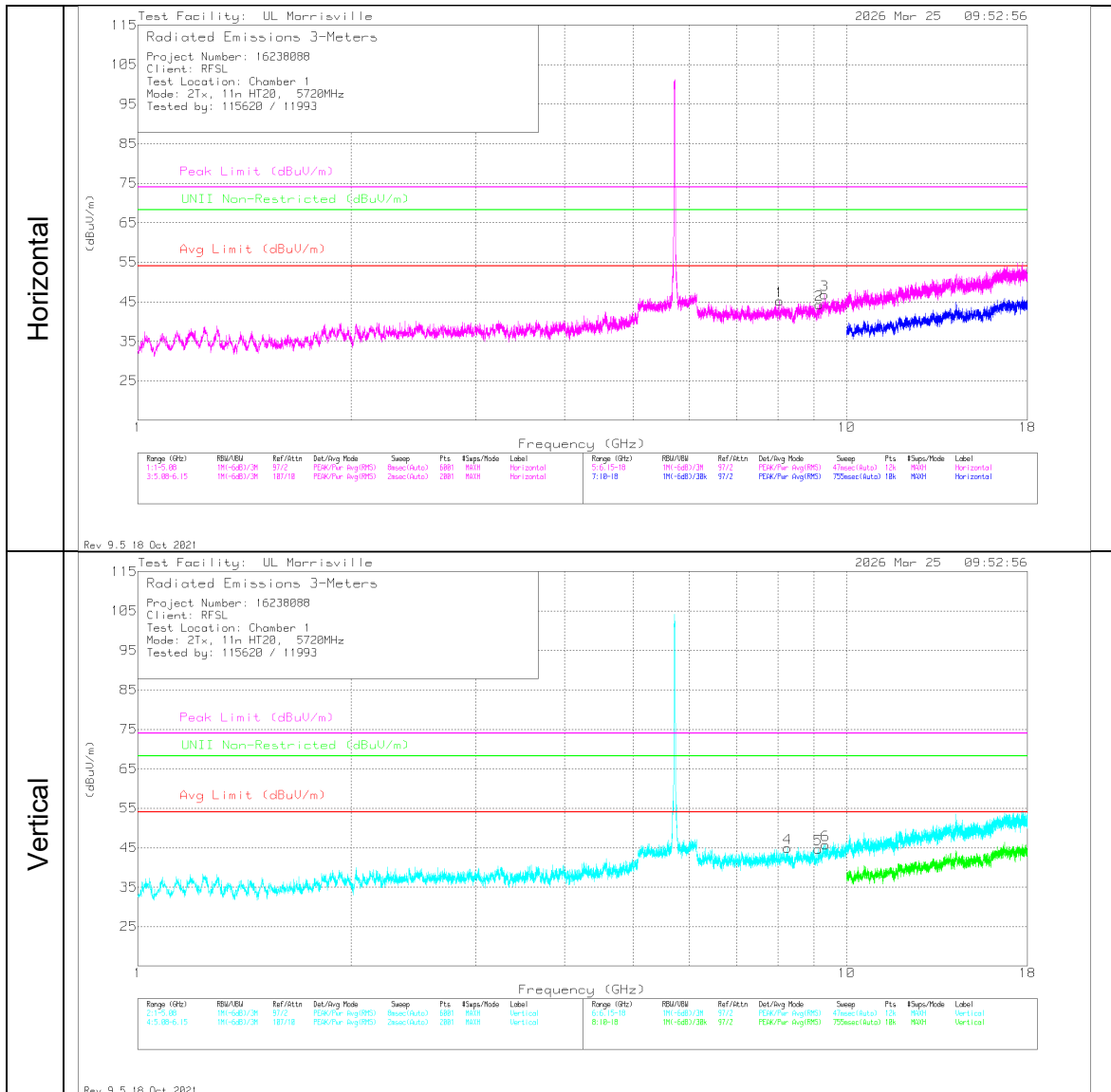
ADV - Linear Voltage Average

Mode	Frequency (MHz)	Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Pad/Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT20 242T	5500	1	*** 5459.98	43.16	Pk	34.4	-18.6	0	0	58.96	-	-	74	-15.04	87	132	H
		2	*** 5453.79	44.09	Pk	34.4	-18.4	0	0	60.09	-	-	74	-13.91	87	132	H
		5	*** 5459.98	28.57	ADV	34.4	-18.6	0	.24	44.61	54	-9.39	-	-	87	132	H
		6	*** 5458.41	28.84	ADV	34.4	-18.5	0	.24	44.98	54	-9.02	-	-	87	132	H
		1	*** 5459.98	32.79	Pk	34.4	-18.6	0	0	48.59	-	-	74	-25.41	229	261	V
		2	*** 5455.17	36.99	Pk	34.4	-18.4	0	0	52.99	-	-	74	-21.01	229	261	V
		5	*** 5459.98	22.53	ADV	34.4	-18.6	0	.24	38.57	54	-15.43	-	-	229	261	V
		6	*** 5449.3	22.66	ADV	34.4	-18.3	0	.24	39	54	-15	-	-	229	261	V
	5700	1	5725.00	39.47	Pk	34.8	-22.9	10	0	61.37	-	-	68.2	-6.83	24	111	H
		2	5725.21	40.96	Pk	34.8	-22.9	10	0	62.86	-	-	68.2	-5.34	24	111	H
		1	5725.00	35.41	Pk	34.8	-22.9	10	0	57.31	-	-	68.2	-10.89	106	263	V
		2	5727.07	36.11	Pk	34.8	-22.8	10	0	58.11	-	-	68.2	-10.09	106	263	V
802.11be EHT40 484T	5510	1	*** 5459.98	44.44	Pk	34.4	-18.6	0	0	60.24	-	-	74	-13.76	82	117	H
		2	*** 5459.19	47.57	Pk	34.4	-18.5	0	0	63.47	-	-	74	-10.53	82	117	H
		5	*** 5459.98	25.74	ADV	34.4	-18.6	0	0.18	41.72	54	-12.28	-	-	82	117	H
		6	*** 5458.19	26.91	ADV	34.4	-18.5	0	0.18	42.99	54	-11.01	-	-	82	117	H
		1	*** 5459.98	34.26	Pk	34.4	-18.6	0	0	50.06	-	-	74	-23.94	223	270	V
		2	*** 5457.49	37.42	Pk	34.4	-18.5	0	0	53.32	-	-	74	-20.68	223	270	V
		5	*** 5459.98	21.77	ADV	34.4	-18.6	0	0.18	37.75	54	-16.25	-	-	223	270	V
		6	*** 5419.29	22.13	ADV	34.4	-18.2	0	0.18	38.51	54	-15.49	-	-	223	270	V
	5670	1	5725.02	42.94	Pk	34.8	-22.9	10	0	64.84	-	-	68.2	-3.36	23	119	H
		2	5725.35	43.81	Pk	34.8	-22.9	10	0	65.71	-	-	68.2	-2.49	23	119	H
		1	5725.02	35.76	Pk	34.8	-22.9	10	0	57.66	-	-	68.2	-10.54	107	238	V
		2	5726.897	38.14	Pk	34.8	-22.8	10	0	60.14	-	-	68.2	-8.06	107	238	V
	5530	1	*** 5460	40.42	Pk	34.6	-24.4	10	0	60.62	-	-	68.2	-7.58	91	119	H
		2	*** 5439.112	42.38	Pk	34.6	-23.7	10	0	63.28	-	-	74	-10.72	91	119	H
		5	*** 5460	29.59	ADV	34.6	-24.4	10	.34	50.13	54	-3.87	-	-	91	118	H
		6	*** 5459.789	30.64	ADV	34.6	-24.4	10	.34	51.18	54	-2.82	-	-	91	118	H
		8	*** 5459.789	30.64	ADV	34.6	-24.4	10	.34	51.18	54	-2.82	-	-	91	118	H
		1	*** 5460	35.72	Pk	34.6	-24.4	10	0	55.92	-	-	68.2	-12.28	232	253	V
		2	*** 5446.999	36.62	Pk	34.6	-23.8	10	0	57.42	-	-	74	-16.58	232	253	V
		5	*** 5460	22.74	ADV	34.6	-24.4	10	.34	43.28	54	-10.72	-	-	232	253	V
		6	*** 5441.911	23.2	ADV	34.6	-23.2	10	.34	44.94	54	-9.06	-	-	232	253	V
		8	*** 5441.911	23.2	ADV	34.6	-23.2	10	.34	44.94	54	-9.06	-	-	232	253	V
802.11be EHT80 996T	5610	1	5725	38.79	Pk	34.8	-23.5	10	0	60.09	-	-	68.2	-8.11	92	125	H
		2	5734.822	42.56	Pk	34.8	-23.5	9.9	0	63.76	-	-	68.2	-4.44	92	125	H
		1	5725	35.16	Pk	34.8	-23.5	10	0	56.46	-	-	68.2	-11.74	167	255	V
		2	5734.597	37.23	Pk	34.8	-23.5	9.9	0	58.43	-	-	68.2	-9.77	167	255	V
802.11be EHT80 242+484T (N)	5530	1	*** 5460	40.14	Pk	34.6	-24.4	10	0	60.34	-	-	68.2	-7.86	93	112	H
		2	*** 5439.343	44.39	Pk	34.6	-23.7	10	0	65.29	-	-	74	-8.71	93	112	H
		5	*** 5460	30.21	ADV	34.6	-24.4	10	.25	50.66	54	-3.34	-	-	93	112	H
		6	*** 5442.512	29.79	ADV	34.6	-23.2	10	.25	51.44	54	-2.56	-	-	93	112	H
		8	*** 5442.512	29.79	ADV	34.6	-23.2	10	.25	51.44	54	-2.56	-	-	93	112	H

Mode	Frequency (MHz)	Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Pad/Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
		4	5467.375	43.68	Pk	34.6	-24.2	10	0	64.08	-	-	-	-	93	112	H
		3	5470	40.96	Pk	34.6	-24	10	0	61.56	-	-	-	-	93	112	H
		7	5470	29.78	ADV	34.6	-24	10	.25	50.63	-	-	-	-	93	112	H
		1	*** 5460	35.37	Pk	34.6	-24.4	10	0	55.57	-	-	68.2	-12.63	167	254	V
		2	*** 5438.418	38.74	Pk	34.5	-23.8	10	0	59.44	-	-	74	-14.56	167	254	V
		5	*** 5460	24.52	ADV	34.6	-24.4	10	.25	44.97	54	-9.03	-	-	167	254	V
		6	*** 5442.443	25.11	ADV	34.6	-23.2	10	.25	46.76	54	-7.24	-	-	167	254	V
		8	*** 5442.443	25.11	ADV	34.6	-23.2	10	.25	46.76	54	-7.24	-	-	167	254	V
		4	5469.248	38.14	Pk	34.6	-24.1	10	0	58.64	-	-	68.2	-9.56	167	254	V
		3	5470	35.95	Pk	34.6	-24	10	0	56.55	-	-	-	-	167	254	V
		7	5470	24.78	ADV	34.6	-24	10	.25	45.63	-	-	-	-	167	254	V
	5610	1	5725	43.86	Pk	34.8	-23.5	10	0	65.16	-	-	68.2	-3.04	94	120	H
		2	5725.174	44.66	Pk	34.8	-23.5	10	0	65.96	-	-	68.2	-2.24	94	120	H
		1	5725	37.51	Pk	34.8	-23.5	10	0	58.81	-	-	68.2	-9.39	167	255	V
		2	5725.315	38.93	Pk	34.8	-23.5	10	0	60.23	-	-	68.2	-7.97	167	255	V
802.11be EHT160 2x996T	5570 (L)	1	*** 5460	44.18	Pk	34.6	-24.4	0	0	54.38	-	-	68.2	-13.82	100	130	H
		2	*** 5443.077	51.7	Pk	34.6	-23.3	0	0	63	-	-	74	-11	100	130	H
		5	*** 5460	33.5	ADV	34.6	-24.4	.42	0	44.12	54	-9.88	-	-	100	130	H
		6	*** 5443.249	35.26	ADV	34.6	-23.3	.42	0	46.98	54	-7.02	-	-	100	130	H
		8	*** 5443.249	35.26	ADV	34.6	-23.3	.42	0	46.98	54	-7.02	-	-	100	130	H
		1	*** 5460	40.64	Pk	34.6	-24.4	0	0	50.84	-	-	68.2	-17.36	157	349	V
		2	*** 5442.933	47.69	Pk	34.6	-23.3	0	0	58.99	-	-	74	-15.01	157	349	V
		5	*** 5460	28.86	ADV	34.6	-24.4	.42	0	39.48	54	-14.52	-	-	157	349	V
		6	*** 5442.185	31.07	ADV	34.6	-23.2	.42	0	42.89	54	-11.11	-	-	157	349	V
		8	*** 5442.185	31.07	ADV	34.6	-23.2	.42	0	42.89	54	-11.11	-	-	157	349	V
	5570 (H)	1	5725	47.97	Pk	34.8	-23.5	0	0	59.27	-	-	68.2	-8.93	352	123	H
		2	5725.479	48.87	Pk	34.8	-23.5	0	0	60.17	-	-	68.2	-8.03	352	123	H
		1	5725	37.89	Pk	34.8	-23.5	0	0	49.19	-	-	68.2	-19.01	171	230	V
		2	5727.633	46.2	Pk	34.8	-23.4	0	0	57.6	-	-	68.2	-10.6	171	230	V
802.11be EHT160 996+242+484T (N)	5570 (L)	1	*** 5460	51.53	Pk	34.6	-24.4	0	0	61.73	-	-	68.2	-6.47	336	125	H
		2	*** 5436.895	59.68	Pk	34.5	-24.1	0	0	70.08	-	-	74	-3.92	336	125	H
		5	*** 5460	39.86	ADV	34.6	-24.4	0	0	50.06	54	-3.94	-	-	336	125	H
		6	*** 5442.588	40.57	ADV	34.6	-23.2	0	0	51.97	54	-2.03	-	-	336	125	H
		8	*** 5442.588	40.57	ADV	34.6	-23.2	0	0	51.97	54	-2.03	-	-	336	125	H
		4	5466.454	55.05	Pk	34.6	-24.2	0	0	65.45	-	-	68.2	-2.75	336	125	H
		3	5470	51.86	Pk	34.6	-24	0	0	62.46	-	-	68.2	-5.74	336	125	H
		7	5470	39.95	ADV	34.6	-24	0	0	50.55	-	-	-	-	336	125	H
		1	*** 5460	46.07	Pk	34.6	-24.4	0	0	56.27	-	-	68.2	-11.93	189	318	V
		2	*** 5448.281	51.96	Pk	34.6	-24	0	0	62.56	-	-	74	-11.44	189	318	V
		5	*** 5460	33.33	ADV	34.6	-24.4	0	0	43.53	54	-10.47	-	-	189	318	V
		6	*** 5441.639	35.15	ADV	34.6	-23.3	0	0	46.45	54	-7.55	-	-	189	318	V
		8	*** 5441.639	35.15	ADV	34.6	-23.3	0	0	46.45	54	-7.55	-	-	189	318	V
		4	5469.329	48.83	Pk	34.6	-24.1	0	0	59.33	-	-	68.2	-8.87	189	318	V
		3	5470	47.23	Pk	34.6	-24	0	0	57.83	-	-	68.2	-10.37	189	318	V
		7	5470	34.05	ADV	34.6	-24	0	0	44.65	-	-	-	-	189	318	V
	5570 (H)	1	5725	52.19	Pk	34.8	-23.5	0	0	63.49	-	-	68.2	-4.71	356	128	H
		2	5725.778	53.85	Pk	34.8	-23.5	0	0	65.15	-	-	68.2	-3.05	356	128	H
		1	5725	40.37	Pk	34.8	-23.5	0	0	51.67	-	-	68.2	-16.53	172	298	V
		2	5728.097	47.04	Pk	34.8	-23.4	0	0	58.44	-	-	68.2	-9.76	172	298	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS (WORST-CASE: 802.11n HT20)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 8.05094	50.93	Pk	35.8	-41.5	0	45.23	54	-8.77	74	-28.77	-	-	0-360	101	H
2	*** 9.14904	49.33	Pk	36.2	-41.3	0	44.23	54	-9.77	74	-29.77	-	-	0-360	101	H
3	*** 9.31198	50.47	Pk	36.3	-40	0	46.77	54	-7.23	74	-27.23	-	-	0-360	101	H
4	*** 8.2593	50.49	Pk	35.7	-41.3	0	44.89	54	-9.11	74	-29.11	-	-	0-360	101	V
5	*** 9.12336	50.25	Pk	36.2	-41.8	0	44.65	54	-9.35	74	-29.35	-	-	0-360	101	V
6	*** 9.34555	49.68	Pk	36.4	-40.3	0	45.78	54	-8.22	74	-28.22	-	-	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HARMONICS AND SPURIOUS TEST DATA

Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Limit (dBuV/m)	UNII Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11ac VHT80	5530	1	*** 8.16746	50.39	Pk	35.8	-41.9	0	44.29	54	-9.71	74	-29.71	-	-	0-360	101	H
		2	*** 9.02264	50.49	Pk	36.1	-42.3	0	44.29	54	-9.71	74	-29.71	-	-	0-360	101	H
		3	*** 9.45023	50.79	Pk	36.6	-41.9	0	45.49	54	-8.51	74	-28.51	-	-	0-360	200	H
		4	*** 8.04896	50.93	Pk	35.8	-41.6	0	45.13	54	-8.87	74	-28.87	-	-	0-360	101	V
		5	*** 9.18163	49.68	Pk	36.3	-41.2	0	44.78	54	-9.22	74	-29.22	-	-	0-360	101	V
		6	*** 9.47985	51.14	Pk	36.7	-41.9	0	45.94	54	-8.06	74	-28.06	-	-	0-360	101	V
	5610	1	*** 8.2198	50.94	Pk	35.8	-41.3	0	45.44	54	-8.56	74	-28.56	-	-	0-360	200	H
		2	*** 9.11053	49.27	Pk	36.2	-41.4	0	44.07	54	-9.93	74	-29.93	-	-	0-360	101	H
		3	*** 9.39394	50.31	Pk	36.5	-41	0	45.81	54	-8.19	74	-28.19	-	-	0-360	200	H
		4	*** 8.47063	50.53	Pk	35.8	-41.7	0	44.63	54	-9.37	74	-29.37	-	-	0-360	200	V
		5	*** 9.15299	49.76	Pk	36.2	-41.4	0	44.56	54	-9.44	74	-29.44	-	-	0-360	101	V
		6	*** 9.30605	49.75	Pk	36.3	-40.1	0	45.95	54	-8.05	74	-28.05	-	-	0-360	101	V
	5690	4	*** 8.05193	51.42	Pk	35.8	-41.6	0	45.62	54	-8.38	74	-28.38	-	-	0-360	200	V
		1	*** 8.2198	49.98	Pk	35.8	-41.3	0	44.48	54	-9.52	74	-29.52	-	-	0-360	101	H
		2	*** 9.11053	49.77	Pk	36.2	-41.4	0	44.57	54	-9.43	74	-29.43	-	-	0-360	101	H
		5	*** 9.17373	50.04	Pk	36.2	-41.5	0	44.74	54	-9.26	74	-29.26	-	-	0-360	200	V
		6	*** 9.37913	50.67	Pk	36.5	-40.8	0	46.37	54	-7.63	74	-27.63	-	-	0-360	101	V
		3	*** 9.46504	51.42	Pk	36.6	-42.1	0	45.92	54	-8.08	74	-28.08	-	-	0-360	200	H
802.11n HT20	5500	1	* 1.59432	54.84	Pk	28.3	-49.6	0	33.54	54	-20.46	74	-40.46	-	-	0-360	101	H
		2	* 3.70844	53.74	Pk	33.1	-46.4	0	40.44	54	-13.56	74	-33.56	-	-	0-360	200	H
		5	* 2.28928	54.99	Pk	32.2	-48.5	0	38.69	54	-15.31	74	-35.31	-	-	0-360	101	V
		6	* 3.83288	52.24	Pk	33.3	-45.7	0	39.84	54	-14.16	74	-34.16	-	-	0-360	101	V
		3	* 8.26325	49.19	Pk	35.9	-41.9	0	43.19	54	-10.81	74	-30.81	-	-	0-360	101	H
		4	* 11.094289	50.46	PK-U	37.4	-41	0	46.86	-	-	74	-27.14	-	-	137	163	H
			* 11.097254	37.99	ADV	37.4	-41.2	1.23	35.42	54	-18.58	-	-	-	-	137	163	H
		7	* 7.630263	51.33	Pk	35.6	-42.4	0	44.53	54	-9.47	74	-29.47	-	-	0-360	101	V
		8	* 11.003227	59.75	PK-U	37.4	-41.1	0	56.05	-	-	74	-17.95	-	-	130	134	V
			* 11.002168	45.61	ADV	37.4	-41.2	1.23	43.04	54	-10.96	-	-	-	-	130	134	V
	5600	1	*** 8.04501	51.24	Pk	35.8	-42.4	0	44.64	54	-9.36	74	-29.36	-	-	0-360	101	H
		2	*** 9.14904	49.98	Pk	36.2	-41.3	0	44.88	54	-9.12	74	-29.12	-	-	0-360	101	H
		3	*** 9.31198	49.95	Pk	36.3	-40	0	46.25	54	-7.75	74	-27.75	-	-	0-360	200	H
		4	*** 11.20011	54.5	PK-U	38.1	-39.2	0	53.4	-	-	74	-20.6	-	-	127	171	H
			*** 11.19878	40.84	ADV	38.1	-39.2	1.23	40.97	54	-13.03	-	-	-	-	127	171	H
		5	*** 8.21684	50.11	Pk	35.8	-41.6	0	44.31	54	-9.69	74	-29.69	-	-	0-360	101	V
		6	*** 9.10559	49.79	Pk	36.2	-41.4	0	44.59	54	-9.41	74	-29.41	-	-	0-360	101	V
		7	*** 9.3653	50.63	Pk	36.4	-41.4	0	45.63	54	-8.37	74	-28.37	-	-	0-360	101	V
		8	*** 11.19995	57.09	PK-U	38.1	-39.2	0	55.99	-	-	74	-18.01	-	-	130	164	V
			*** 11.19954	42.52	ADV	38.1	-39.2	1.23	42.65	54	-11.35	-	-	-	-	130	164	V
	5720	1	*** 8.05094	50.93	Pk	35.8	-41.5	0	45.23	54	-8.77	74	-28.77	-	-	0-360	101	H
		2	*** 9.14904	49.33	Pk	36.2	-41.3	0	44.23	54	-9.77	74	-29.77	-	-	0-360	101	H
		3	*** 9.31198	50.47	Pk	36.3	-40	0	46.77	54	-7.23	74	-27.23	-	-	0-360	101	H
		4	*** 8.2593	50.49	Pk	35.7	-41.3	0	44.89	54	-9.11	74	-29.11	-	-	0-360	101	V
		5	*** 9.12336	50.25	Pk	36.2	-41.8	0	44.65	54	-9.35	74	-29.35	-	-	0-360	101	V
		6	*** 9.34555	49.68	Pk	36.4	-40.3	0	45.78	54	-8.22	74	-28.22	-	-	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

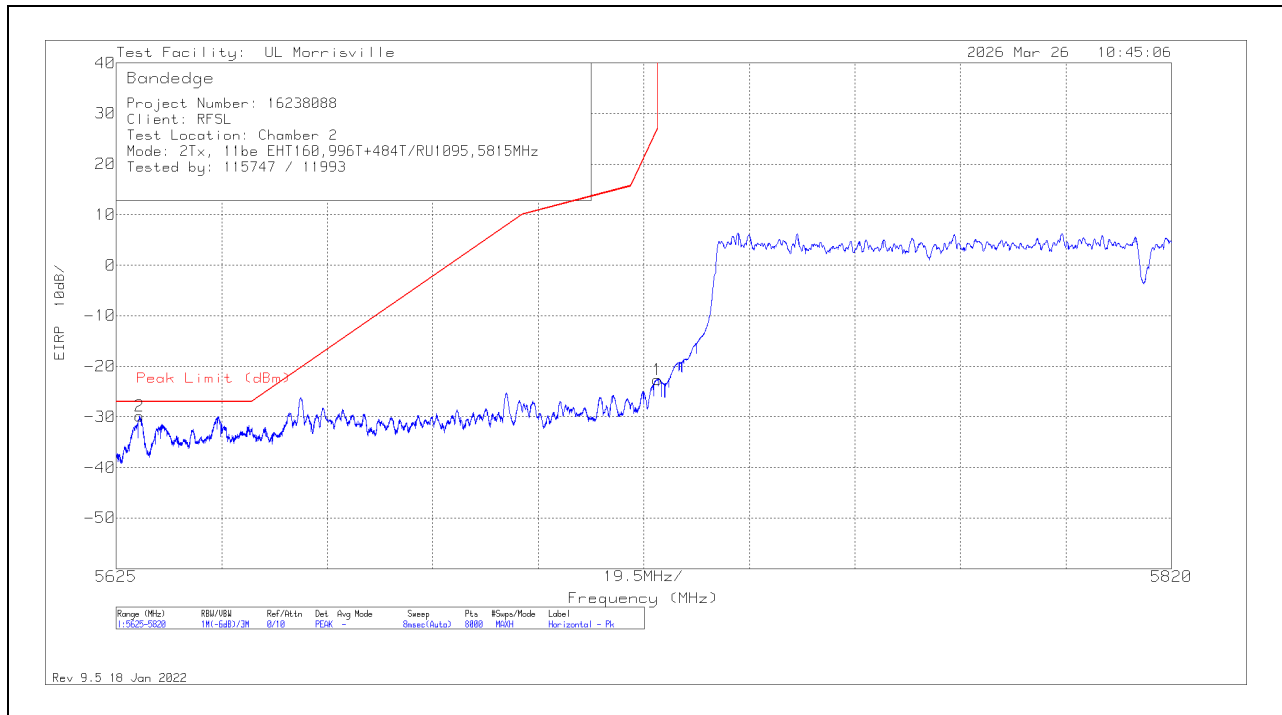
Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

10.1.4. UNII-3 BAND

HORIZONTAL RESULT (WORST-CASE: 996T+484T(C))



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	88761 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5629.315	-52.27	Pk	34.7	-24.1	11.8	-29.87	-27	-2.87	103	120	H
1	5725	-45.74	Pk	34.8	-23.5	11.8	-22.64	27	-49.64	103	120	H

Pk - Peak detector

BANEDGE TEST DATA

Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Pad/Filter (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	5745	2	5.63569	-70.91	Pk	34.7	-22.9	11.8	-47.31	-27	-20.31	356	140	H
		1	5.72499	-57.69	Pk	34.8	-22.9	11.8	-33.99	26.99	-60.98	356	140	H
		2	5.63772	-72.35	Pk	34.8	-23.2	11.8	-48.95	-27	-21.95	108	173	V
		1	5.72499	-60.44	Pk	34.8	-22.9	11.8	-36.74	26.99	-63.73	108	173	V
802.11n HT20	5745	2	5.6336	-69.26	Pk	34.7	-23	11.8	-45.76	-27	-18.76	41	130	H
		1	5.725	-54.8	Pk	34.8	-22.9	11.8	-31.1	27	-58.1	41	130	H
		2	5.63438	-72.77	Pk	34.7	-22.8	11.8	-49.07	-27	-22.07	35	320	V
		1	5.725	-58.98	Pk	34.8	-22.9	11.8	-35.28	27	-62.28	35	320	V
802.11n HT40	5755	2	5.64669	-65.74	Pk	34.8	-24	11.8	-43.14	-27	-16.14	30	119	H
		1	5.725	-51.94	Pk	34.8	-22.9	11.8	-28.24	26.99	-55.23	30	119	H
		2	5.64117	-70.47	Pk	34.8	-23.6	11.8	-47.47	-27	-20.47	101	253	V
		1	5.725	-58.18	Pk	34.8	-22.9	11.8	-34.48	27	-61.48	101	253	V
802.11ac VHT80	5775	2	5.6497	-62.11	Pk	34.8	-24	11.8	-39.51	-27	-12.51	280	128	H
		1	5.725	-48.76	Pk	34.8	-22.9	11.8	-25.06	26.99	-52.05	280	128	H
		2	5.64582	-66.53	Pk	34.8	-24.1	11.8	-44.03	-27	-17.03	108	204	V
		1	5.725	-55.63	Pk	34.8	-22.9	11.8	-31.93	26.99	-58.92	108	204	V
802.11ac VHT160	5815 (L)	2	5.63426	-63.5	Pk	34.7	-22.9	11.8	-39.9	-27	-12.9	185	252	H
		1	5.725	-55.7	Pk	34.8	-22.9	11.8	-32	27	-59	185	252	H
		2	5.63361	-61.61	Pk	34.7	-23	11.8	-38.11	-27	-11.11	189	310	V
		1	5.725	-51.78	Pk	34.8	-22.9	11.8	-28.08	27	-55.08	189	310	V
802.11be EHT20 242T	5745	2	5.650034	-64.99	Pk	34.7	-23.9	11.8	-42.39	-26.97	-15.42	343	133	H
		1	5.725	-35.57	Pk	34.8	-23.5	11.8	-12.47	27	-39.47	343	133	H
		2	5.639893	-68.35	Pk	34.7	-23.6	11.8	-45.45	-27	-18.45	169	207	V
		1	5.725	-46.33	Pk	34.8	-23.5	11.8	-23.23	27	-50.23	169	207	V
802.11be EHT40 484T	5755	2	5.650079	-56.72	Pk	34.7	-23.9	11.8	-34.12	-26.94	-7.18	350	119	H
		1	5.725	-38.72	Pk	34.8	-23.5	11.8	-15.62	27	-42.62	350	119	H
		2	5.632257	-61.49	Pk	34.7	-23.7	11.8	-38.69	-27	-11.69	180	260	V
		1	5.725	-51.1	Pk	34.8	-23.5	11.8	-28	27	-55	180	260	V
802.11be EHT80 996T	5775	2	5.63784	-55.25	Pk	34.8	-23.2	11.8	-31.85	-27	-4.85	21	129	H
		1	5.725	-48.35	Pk	34.8	-22.9	11.8	-24.65	26.99	-51.64	21	129	H
		2	5.6376	-58.63	Pk	34.8	-23.2	11.8	-35.23	-27	-8.23	83	288	V
		1	5.725	-53.06	Pk	34.8	-22.9	11.8	-29.36	26.99	-56.35	83	288	V
802.11be EHT80 484+242T (N)	5775	2	5.649909	-54.37	Pk	34.7	-23.9	11.8	-31.77	-27	-4.77	351	121	H
		1	5.725	-45.41	Pk	34.8	-23.5	11.8	-22.31	27	-49.31	351	121	H
		2	5.637489	-60.55	Pk	34.7	-23.5	11.8	-37.55	-27	-10.55	179	265	V
		1	5.725	-52.64	Pk	34.8	-23.5	11.8	-29.54	27	-56.54	179	265	V
802.11be EHT160 2x996T	5815 (L)	2	5.64872	-55.92	Pk	34.7	-23.9	11.8	-33.32	-27	-6.32	334	132	H
		1	5.725	-52.32	Pk	34.8	-23.5	11.8	-29.22	27	-56.22	334	132	H
		2	5.643088	-59.24	Pk	34.7	-23.7	11.8	-36.44	-27	-9.44	171	227	V
		1	5.725	-56.02	Pk	34.8	-23.5	11.8	-32.92	27	-59.92	171	227	V
802.11be EHT160 996+484T(C)	5815 (L)	2	5.629315	-52.27	Pk	34.7	-24.1	11.8	-29.87	-27	-2.87	103	120	H
		1	5.725	-45.74	Pk	34.8	-23.5	11.8	-22.64	27	-49.64	103	120	H
		2	5.632289	-57.12	Pk	34.7	-23.7	11.8	-34.32	-27	-7.32	172	265	V
		1	5.725	-52.15	Pk	34.8	-23.5	11.8	-29.05	27	-56.05	172	265	V

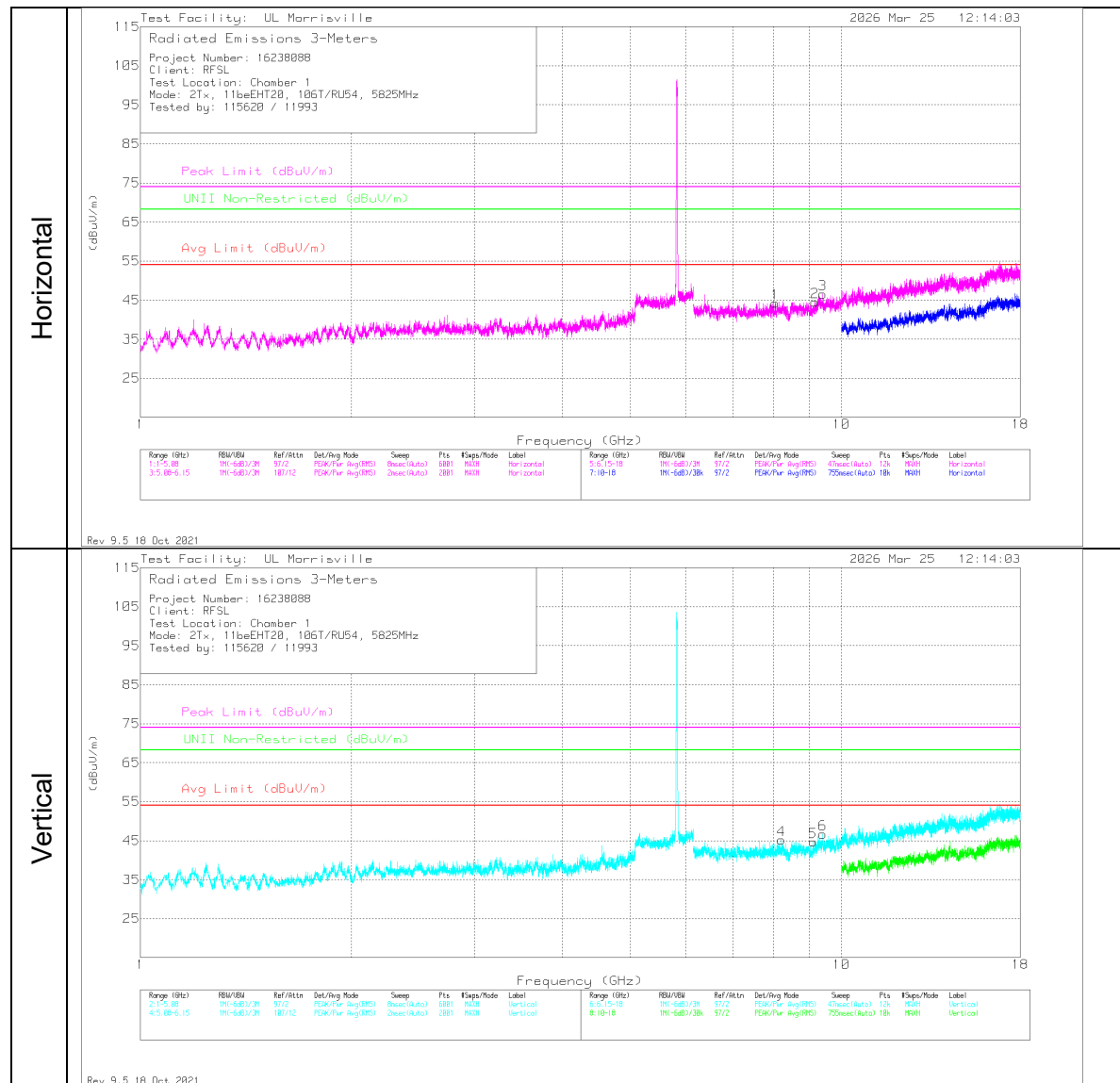
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS (WORST-CASE: 802.11be EHT20 106T)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 8.05094	50.02	Pk	35.8	-41.5	44.32	54	-9.68	74	-29.68	-	-	0-360	101	H
2	*** 9.17175	49.95	Pk	36.2	-41.6	44.55	54	-9.45	74	-29.45	-	-	0-360	101	H
3	*** 9.39986	50.71	Pk	36.5	-40.7	46.51	54	-7.49	74	-27.49	-	-	0-360	101	H
4	*** 8.21881	50.85	Pk	35.8	-41.4	45.25	54	-8.75	74	-28.75	-	-	0-360	200	V
5	*** 9.1125	49.97	Pk	36.2	-41.5	44.67	54	-9.33	74	-29.33	-	-	0-360	200	V
6	*** 9.40776	50.53	Pk	36.5	-40.3	46.73	54	-7.27	74	-27.27	-	-	0-360	200	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HARMONICS AND SPURIOUS TEST DATA

Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Limit (dBuV/m)	UNII Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	5745	1	*** 8.17043	50.86	Pk	35.8	-41.8	44.86	54	-9.14	74	-29.14	-	-	0-360	200	H
		2	*** 9.15398	49.7	Pk	36.2	-41.5	44.4	54	-9.6	74	-29.6	-	-	0-360	101	H
		3	*** 9.33568	49.47	Pk	36.4	-40.7	45.17	54	-8.83	74	-28.83	-	-	0-360	101	H
		4	*** 8.3067	50.21	Pk	35.8	-41.6	44.41	54	-9.59	74	-29.59	-	-	0-360	200	V
		5	*** 9.16978	50.05	Pk	36.2	-41.7	44.55	54	-9.45	74	-29.45	-	-	0-360	200	V
		6	*** 9.40381	49.55	Pk	36.5	-40.4	45.65	54	-8.35	74	-28.35	-	-	0-360	200	V
	5785	4	*** 5.42294	34.73	Pk	34.4	-23.6	45.53	54	-8.47	74	-28.47	-	-	0-360	101	H
		8	*** 5.39833	34.36	Pk	34.4	-23.7	45.06	54	-8.94	74	-28.94	-	-	0-360	101	V
		1	*** 8.26424	50.51	Pk	35.7	-41.4	44.81	54	-9.19	74	-29.19	-	-	0-360	200	H
		2	*** 9.10954	48.96	Pk	36.2	-41.3	43.86	54	-10.14	74	-30.14	-	-	0-360	200	H
		3	*** 9.39986	50.77	Pk	36.5	-40.7	46.57	54	-7.43	74	-27.43	-	-	0-360	101	H
		5	*** 8.30176	49.89	Pk	35.8	-41.9	43.79	54	-10.21	74	-30.21	-	-	0-360	101	V
		6	*** 9.0493	49.79	Pk	36.1	-42.3	43.59	54	-10.41	74	-30.41	-	-	0-360	101	V
		7	*** 9.31	49.69	Pk	36.3	-39.9	46.09	54	-7.91	74	-27.91	-	-	0-360	200	V
	5825	1	*** 8.05983	50.92	Pk	35.8	-42.3	44.42	54	-9.58	74	-29.58	-	-	0-360	199	H
		2	*** 9.14904	50.14	Pk	36.2	-41.3	45.04	54	-8.96	74	-28.96	-	-	0-360	199	H
		3	*** 9.39986	49.93	Pk	36.5	-40.7	45.73	54	-8.27	74	-28.27	-	-	0-360	101	H
		4	*** 8.14673	50.61	Pk	35.8	-41.3	45.11	54	-8.89	74	-28.89	-	-	0-360	101	V
		5	*** 9.02264	51.03	Pk	36.1	-42.3	44.83	54	-9.17	74	-29.17	-	-	0-360	101	V
		6	*** 9.41863	50.7	Pk	36.5	-41.9	45.3	54	-8.7	74	-28.7	-	-	0-360	200	V
802.11be EHT20 106T	5745	1	*** 8.1487	50.42	Pk	35.8	-41.5	44.72	54	-9.28	74	-29.28	-	-	0-360	101	H
		2	*** 9.10954	50.01	Pk	36.2	-41.3	44.91	54	-9.09	74	-29.09	-	-	0-360	200	H
		3	*** 9.3574	50.74	Pk	36.4	-41.4	45.74	54	-8.26	74	-28.26	-	-	0-360	101	H
		4	*** 8.21881	50.31	Pk	35.8	-41.4	44.71	54	-9.29	74	-29.29	-	-	0-360	200	V
		5	*** 9.15101	49.34	Pk	36.2	-41.1	44.44	54	-9.56	74	-29.56	-	-	0-360	101	V
		6	*** 9.34654	50.25	Pk	36.4	-40.4	46.25	54	-7.75	74	-27.75	-	-	0-360	101	V
	5785	1	*** 8.283	51.55	Pk	35.8	-42.2	45.15	54	-8.85	74	-28.85	-	-	0-360	101	H
		2	*** 9.05325	49.83	Pk	36.1	-41.9	44.03	54	-9.97	74	-29.97	-	-	0-360	101	H
		3	*** 9.34358	49.39	Pk	36.4	-40.1	45.69	54	-8.31	74	-28.31	-	-	0-360	199	H
		4	*** 8.47556	50.72	Pk	35.7	-41.7	44.72	54	-9.28	74	-29.28	-	-	0-360	101	V
		5	*** 9.11546	50.1	Pk	36.2	-41.6	44.7	54	-9.3	74	-29.3	-	-	0-360	101	V
		6	*** 9.40776	49.66	Pk	36.5	-40.3	45.86	54	-8.14	74	-28.14	-	-	0-360	200	V
	5825	1	*** 8.05094	50.02	Pk	35.8	-41.5	44.32	54	-9.68	74	-29.68	-	-	0-360	101	H
		2	*** 9.17175	49.95	Pk	36.2	-41.6	44.55	54	-9.45	74	-29.45	-	-	0-360	101	H
		3	*** 9.39986	50.71	Pk	36.5	-40.7	46.51	54	-7.49	74	-27.49	-	-	0-360	101	H
		4	*** 8.21881	50.85	Pk	35.8	-41.4	45.25	54	-8.75	74	-28.75	-	-	0-360	200	V
		5	*** 9.1125	49.97	Pk	36.2	-41.5	44.67	54	-9.33	74	-29.33	-	-	0-360	200	V
		6	*** 9.40776	50.53	Pk	36.5	-40.3	46.73	54	-7.27	74	-27.27	-	-	0-360	200	V

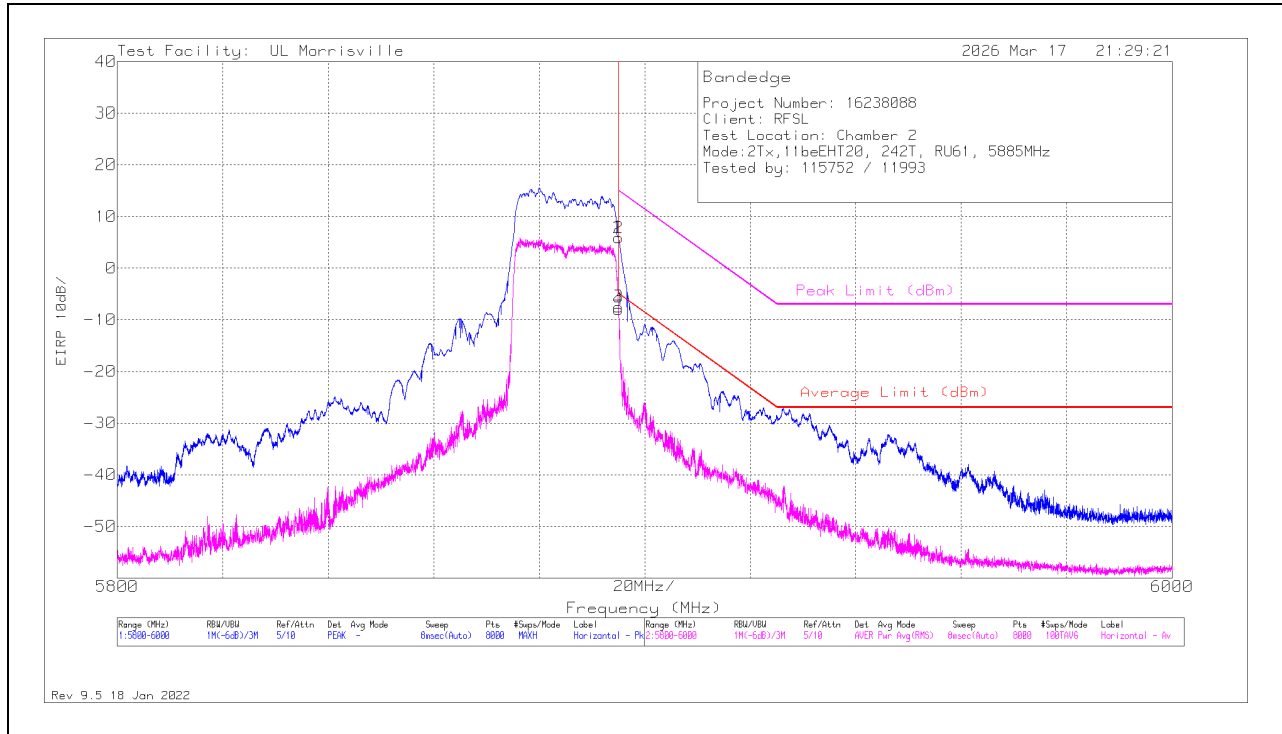
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.1.5. UNII-4 BAND

HORIZONTAL RESULT (WORST-CASE: 802.11be EHT20 242T)



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	88761 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Average Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5895	-16.76	Pk	35.1	-24.1	11.8	0	6.04	15	-8.96	-	-	110	120	H
3	5895	-30.91	RMS	35.1	-24.1	11.8	.12	-7.99	-	-	-5	-2.99	110	120	H
2	5895.011	-16.36	Pk	35.1	-24.1	11.8	0	6.44	14.99	-8.55	-	-	110	120	H
4	5895.011	-31.16	RMS	35.1	-24.1	11.8	.12	-8.24	-	-	-5.01	-3.23	110	120	H

Pk - Peak detector
RMS - RMS detection

BANEDGE TEST DATA

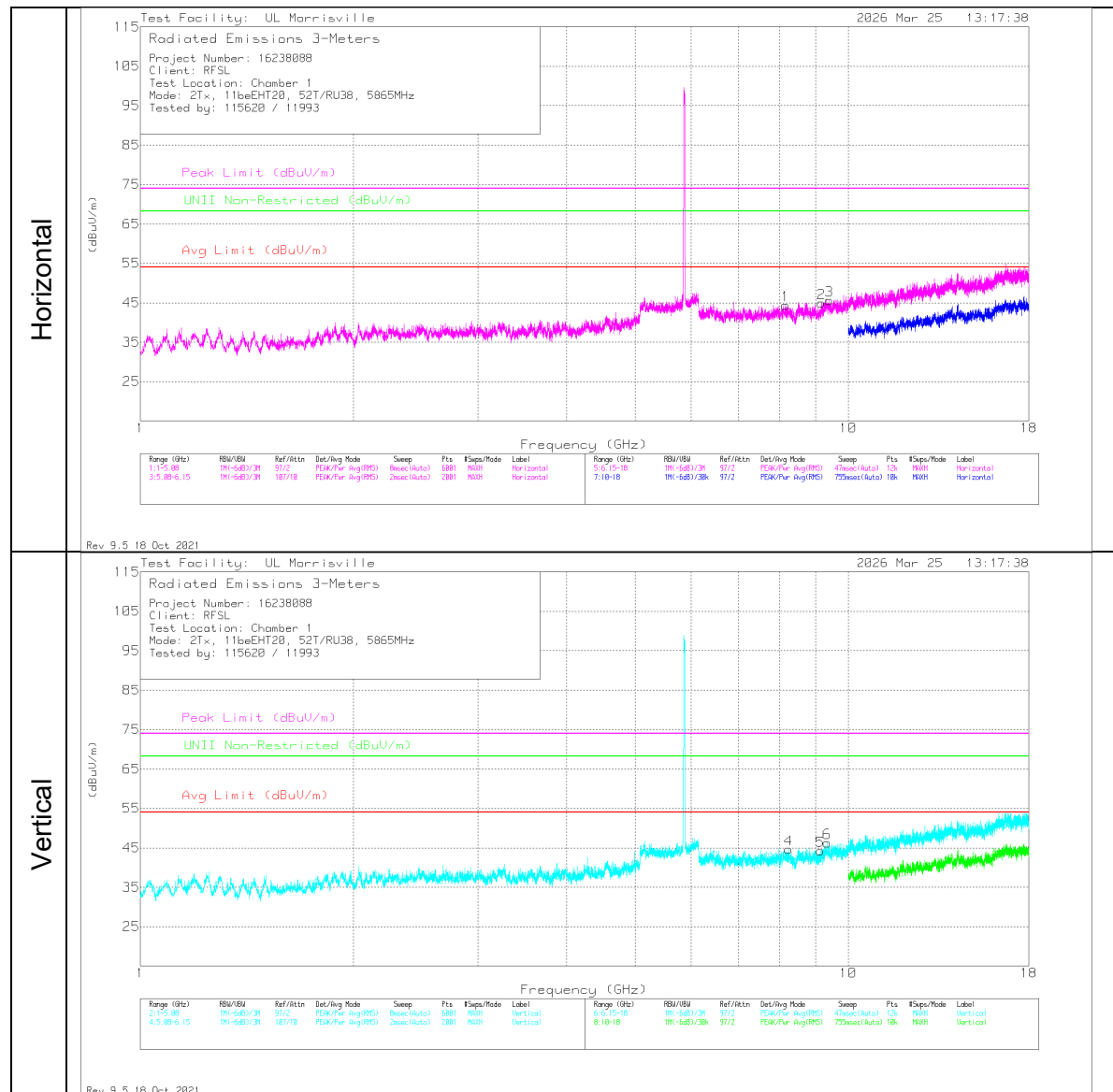
Mode	Frequency (MHz)	Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	AV Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11a	5885	1	5895	-28.07	Pk	35.1	-24.1	11.8	0	-5.27	15	-20.27	-	-	80	131	H
		3	5895	-43.6	RMS	35.1	-24.1	11.8	.47	-20.33	-	-	-5	-15.33	80	131	H
		4	5895.061	-42.59	RMS	35.1	-24.1	11.8	.47	-19.32	-	-	-5.05	-14.27	80	131	H
		2	5895.086	-26.98	Pk	35.1	-24.1	11.8	0	-4.18	14.94	-19.12	-	-	80	131	H
		1	5895	-34.79	Pk	35.1	-24.1	11.8	0	-11.99	15	-26.99	-	-	353	122	V
		3	5895	-50.73	RMS	35.1	-24.1	11.8	.47	-27.46	-	-	-5	-22.46	353	122	V
		2	5895.011	-34.87	Pk	35.1	-24.1	11.8	0	-12.07	14.99	-27.06	-	-	353	122	V
		4	5895.086	-49.99	RMS	35.1	-24.1	11.8	.47	-26.72	-	-	-5.06	-21.66	353	122	V
802.11n HT20	5885	1	5895	-25.37	Pk	35.1	-24.1	11.8	0	-2.57	15	-17.57	-	-	70	129	H
		3	5895	-43.34	RMS	35.1	-24.1	11.8	.61	-19.93	-	-	-5	-14.93	70	129	H
		2	5895.086	-24.63	Pk	35.1	-24.1	11.8	0	-1.83	14.94	-16.77	-	-	70	129	H
		4	5895.086	-43.13	RMS	35.1	-24.1	11.8	.61	-19.72	-	-	-5.06	-14.66	70	129	H
		1	5895	-33.84	Pk	35.1	-24.1	11.8	0	-11.04	15	-26.04	-	-	350	121	V
		3	5895	-49.58	RMS	35.1	-24.1	11.8	.61	-26.17	-	-	-5	-21.17	350	121	V
		4	5895.011	-48.3	RMS	35.1	-24.1	11.8	.61	-24.89	-	-	-5.01	-19.88	350	121	V
		2	5895.061	-32.63	Pk	35.1	-24.1	11.8	0	-9.83	14.95	-24.78	-	-	350	121	V
802.11n HT40	5875	1	5895	-27.37	Pk	35.1	-24.1	11.8	0	-4.57	15	-19.57	-	-	92	129	H
		3	5895	-45.35	RMS	35.1	-24.1	11.8	1.14	-21.41	-	-	-5	-16.41	92	129	H
		4	5895.011	-45.09	RMS	35.1	-24.1	11.8	1.14	-21.15	-	-	-5.01	-16.14	92	129	H
		2	5895.036	-26.67	Pk	35.1	-24.1	11.8	0	-3.87	14.97	-18.84	-	-	92	129	H
		1	5895	-39.12	Pk	35.1	-24.1	11.8	0	-16.32	15	-31.32	-	-	1	112	V
		3	5895	-56.05	RMS	35.1	-24.1	11.8	1.14	-32.11	-	-	-5	-27.11	1	112	V
		4	5932.591	-75.87	RMS	35.2	-23.1	11.8	1.14	-50.83	-	-	-27	-23.83	1	112	V
		2	5935.441	-60.99	Pk	35.2	-22.9	11.8	0	-36.89	-7	-29.89	-	-	1	112	V
802.11ac VHT80	5855	1	5895	-30.78	Pk	35.1	-24.1	11.8	0	-7.98	15	-22.98	-	-	95	124	H
		3	5895	-49.56	RMS	35.1	-24.1	11.8	.23	-26.53	-	-	-5	-21.53	95	124	H
		2	5932.391	-52.97	Pk	35.2	-23.1	11.8	0	-29.07	-7	-22.07	-	-	95	124	H
		4	5932.591	-66.36	RMS	35.2	-23.1	11.8	.23	-42.23	-	-	-27	-15.23	95	124	H
		1	5895	-42.29	Pk	35.1	-24.1	11.8	0	-19.49	15	-34.49	-	-	352	112	V
		3	5895	-59.74	RMS	35.1	-24.1	11.8	.23	-36.71	-	-	-5	-31.71	352	112	V
		2	5926.09	-59.87	Pk	35.2	-24	11.8	0	-36.87	-7	-29.87	-	-	352	112	V
		4	5938.717	-73.64	RMS	35.2	-23.1	11.8	.23	-49.51	-	-	-27	-22.51	352	112	V
802.11ac VHT160	5815 (H)	1	5895	-34.06	Pk	35.1	-24.1	11.8	0	-11.26	15	-26.26	-	-	98	115	H
		3	5895	-52.74	RMS	35.1	-24.1	11.8	.23	-29.71	-	-	-5	-24.71	98	115	H
		2	5960.719	-50.79	Pk	35.2	-24	11.8	0	-27.79	-7	-20.79	-	-	98	115	H
		4	5961.194	-64.44	RMS	35.2	-24	11.8	.23	-41.21	-	-	-27	-14.21	98	115	H
		1	5895	-43.79	Pk	35.1	-24.1	11.8	0	-20.99	15	-35.99	-	-	355	138	V
		3	5895	-62.79	RMS	35.1	-24.1	11.8	.23	-39.76	-	-	-5	-34.76	355	138	V
		2	5959.019	-56.49	Pk	35.2	-24	11.8	0	-33.49	-7	-26.49	-	-	355	138	V
		4	5963.82	-70.48	RMS	35.2	-24	11.8	.23	-47.25	-	-	-27	-20.25	355	138	V

Pk - Peak detector
RMS - RMS detection

Mode	Frequency (MHz)	Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	AV Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT20 242T	5885	1	5895	-16.76	Pk	35.1	-24.1	11.8	0	6.04	15	-8.96	-	-	110	120	H
		3	5895	-30.91	RMS	35.1	-24.1	11.8	.12	-7.99	-	-	-5	-2.99	110	120	H
		2	5895.011	-16.36	Pk	35.1	-24.1	11.8	0	6.44	14.99	-8.55	-	-	110	120	H
		4	5895.011	-31.16	RMS	35.1	-24.1	11.8	.12	-8.24	-	-	-5.01	-3.23	110	120	H
		1	5895	-27.5	Pk	35.1	-24.1	11.8	0	-4.7	15	-19.7	-	-	354	125	V
		3	5895	-38.24	RMS	35.1	-24.1	11.8	.12	-15.32	-	-	-5	-10.32	354	125	V
		4	5895.011	-38.57	RMS	35.1	-24.1	11.8	.12	-15.65	-	-	-5.01	-10.64	354	125	V
		2	5895.061	-27.51	Pk	35.1	-24.1	11.8	0	-4.71	14.95	-19.66	-	-	354	125	V
802.11be EHT40 484T	5875	1	5895	-26.65	Pk	35.1	-24.1	11.8	0	-3.85	15	-18.85	-	-	348	120	H
		3	5895	-45.62	RMS	35.1	-24.1	11.8	.09	-22.73	-	-	-5	-17.73	348	120	H
		2	5924.515	-45.03	Pk	35.1	-24.3	11.8	0	-22.43	-6.64	-15.79	-	-	348	120	H
		4	5925.64	-63.71	RMS	35.2	-24.1	11.8	.09	-40.72	-	-	-27	-13.72	348	120	H
		1	5895	-35.37	Pk	35.1	-24.1	11.8	0	-12.57	15	-27.57	-	-	357	117	V
		3	5895	-56.39	RMS	35.1	-24.1	11.8	.09	-33.5	-	-	-5	-28.5	357	117	V
		2	5926.34	-53.89	Pk	35.2	-24	11.8	0	-30.89	-7	-23.89	-	-	357	117	V
		4	5926.515	-70.91	RMS	35.2	-24	11.8	.09	-47.82	-	-	-27	-20.82	357	117	V
802.11be EHT80 996T	5855	1	5895	-31.19	Pk	35.1	-24.1	11.8	0	-8.39	15	-23.39	-	-	335	108	H
		3	5895	-51.16	RMS	35.1	-24.1	11.8	.17	-28.19	-	-	-5	-23.19	335	108	H
		4	5930.041	-63.51	RMS	35.2	-23.4	11.8	.17	-39.74	-	-	-27	-12.74	335	108	H
		2	5932.591	-50.73	Pk	35.2	-23.1	11.8	0	-26.83	-7	-19.83	-	-	335	108	H
		1	5895	-35.6	Pk	35.1	-24.1	11.8	0	-12.8	15	-27.8	-	-	168	262	V
		3	5895	-53.08	RMS	35.1	-24.1	11.8	.17	-30.11	-	-	-5	-25.11	168	262	V
		4	5932.316	-68.04	RMS	35.2	-23.1	11.8	.17	-43.97	-	-	-27	-16.97	168	262	V
		2	5932.791	-55.96	Pk	35.2	-23	11.8	0	-31.96	-7	-24.96	-	-	168	262	V
802.11be EHT80 242+484T (N)	5855	1	5895	-27.73	Pk	35.1	-24.1	11.8	0	-4.93	15	-19.93	-	-	98	116	H
		3	5895	-47.63	RMS	35.1	-24.1	11.8	.12	-24.71	-	-	-5	-19.71	98	116	H
		2	5930.216	-45.53	Pk	35.2	-23.4	11.8	0	-21.93	-7	-14.93	-	-	98	116	H
		4	5933.841	-59.82	RMS	35.2	-22.9	11.8	.12	-35.6	-	-	-27	-8.6	98	116	H
		1	5895	-38.56	Pk	35.1	-24.1	11.8	0	-15.76	15	-30.76	-	-	355	109	V
		3	5895	-58.78	RMS	35.1	-24.1	11.8	.12	-35.86	-	-	-5	-30.86	355	109	V
		4	5928.565	-65.85	RMS	35.2	-23.7	11.8	.12	-42.43	-	-	-27	-15.43	355	109	V
		2	5932.366	-54.19	Pk	35.2	-23.1	11.8	0	-30.29	-7	-23.29	-	-	355	109	V
802.11be EHT160 2x996T	5815 (H)	1	5895	-34.77	Pk	35.1	-24.1	11.8	0	-11.97	15	-26.97	-	-	347	115	H
		3	5895	-53.6	RMS	35.1	-24.1	11.8	.21	-30.59	-	-	-5	-25.59	347	115	H
		2	5960.669	-51.97	Pk	35.2	-24	11.8	0	-28.97	-7	-21.97	-	-	347	115	H
		4	5969.97	-65.63	RMS	35.3	-23.9	11.8	.21	-42.22	-	-	-27	-15.22	347	115	H
		1	5895	-42.66	Pk	35.1	-24.1	11.8	0	-19.86	15	-34.86	-	-	16	114	V
		3	5895	-62.58	RMS	35.1	-24.1	11.8	.21	-39.57	-	-	-5	-34.57	16	114	V
		4	5957.419	-70.96	RMS	35.2	-24	11.8	.21	-47.75	-	-	-27	-20.75	16	114	V
		2	5968.045	-55.94	Pk	35.2	-24	11.8	0	-32.94	-7	-25.94	-	-	16	114	V
802.11be EHT160 996+484T (C)	5815 (H)	1	5895	-32.75	Pk	35.1	-24.1	11.8	0	-9.95	15	-24.95	-	-	351	127	H
		3	5895	-50.51	RMS	35.1	-24.1	11.8	.16	-27.55	-	-	-5	-22.55	351	127	H
		2	5930.391	-44.43	Pk	35.2	-23.4	11.8	0	-20.83	-7	-13.83	-	-	351	127	H
		4	5930.491	-58.4	RMS	35.2	-23.4	11.8	.16	-34.64	-	-	-27	-7.64	351	127	H
		1	5895	-42.57	Pk	35.1	-24.1	11.8	0	-19.77	15	-34.77	-	-	357	123	V
		3	5895	-60.94	RMS	35.1	-24.1	11.8	.16	-37.98	-	-	-5	-32.98	357	123	V
		4	5933.741	-69.41	RMS	35.2	-22.9	11.8	.16	-45.15	-	-	-27	-18.15	357	123	V
		2	5934.116	-54.54	Pk	35.2	-22.9	11.8	0	-30.44	-7	-23.44	-	-	357	123	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS (WORST-CASE: 802.11be EHT20 52T)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 8.16154	50.75	Pk	35.8	-42.2	44.35	54	-9.65	74	-29.65	-	-	0-360	200	H
2	*** 9.17373	50.21	Pk	36.2	-41.5	44.91	54	-9.09	74	-29.09	-	-	0-360	101	H
3	*** 9.41073	49.83	Pk	36.5	-40.7	45.63	54	-8.37	74	-28.37	-	-	0-360	101	H
4	*** 8.24844	50.51	Pk	35.7	-41.6	44.61	54	-9.39	74	-29.39	-	-	0-360	101	V
5	*** 9.14114	50.24	Pk	36.2	-42.2	44.24	54	-9.76	74	-29.76	-	-	0-360	200	V
6	*** 9.33963	50.23	Pk	36.4	-40.4	46.23	54	-7.77	74	-27.77	-	-	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HARMONICS AND SPURIOUS TEST DATA

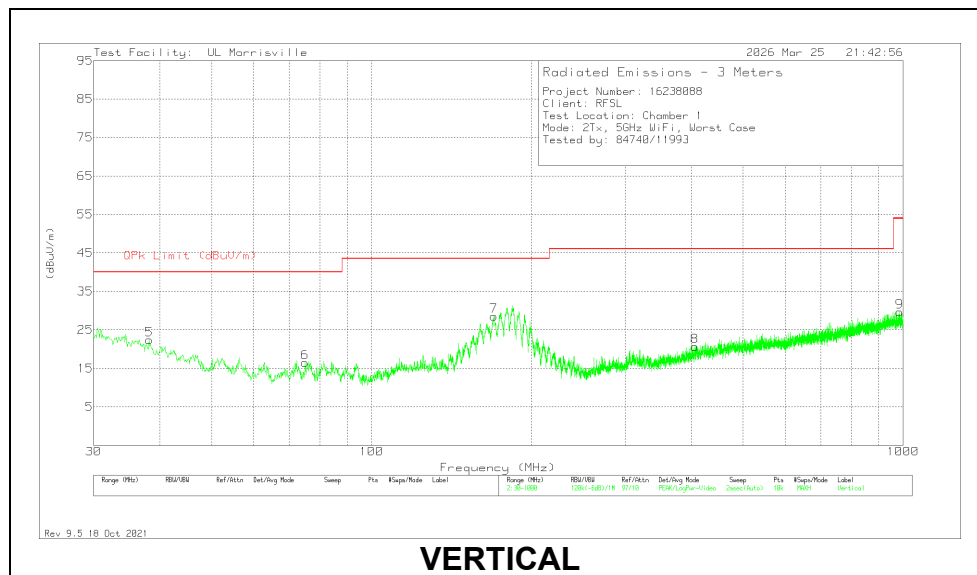
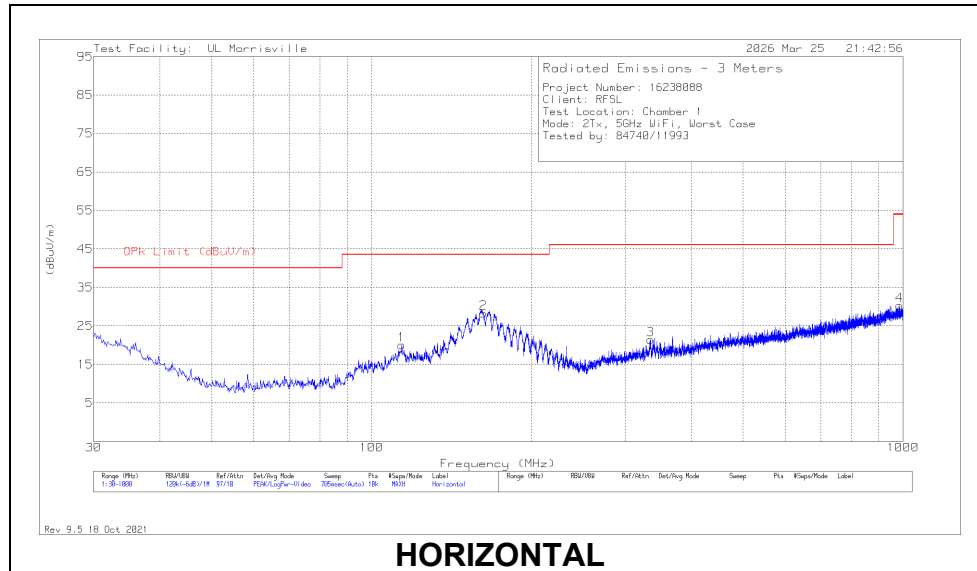
Mode	Frequency (MHz)	Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 ACF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Limit (dBuV/m)	UNII Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
802.11be EHT40 484T	5835	1	*** 8.26325	49.43	Pk	35.7	-41.3	43.83	54	-10.17	74	-30.17	-	-	0-360	101	H
		2	*** 9.18064	49.54	Pk	36.3	-41.3	44.54	54	-9.46	74	-29.46	-	-	0-360	199	H
		3	*** 9.40678	49.63	Pk	36.5	-40.2	45.93	54	-8.07	74	-28.07	-	-	0-360	101	H
		4	*** 8.20499	51.22	Pk	35.8	-42.1	44.92	54	-9.08	74	-29.08	-	-	0-360	101	V
		5	*** 9.10361	49.22	Pk	36.2	-41.6	43.82	54	-10.18	74	-30.18	-	-	0-360	200	V
		6	*** 9.34851	50.32	Pk	36.4	-40.7	46.02	54	-7.98	74	-27.98	-	-	0-360	200	V
	5875	1	*** 8.11611	51.07	Pk	35.7	-41.6	45.17	54	-8.83	74	-28.83	-	-	0-360	101	H
		2	*** 9.1204	51.08	Pk	36.2	-41.8	45.48	54	-8.52	74	-28.52	-	-	0-360	200	H
		3	*** 9.45911	50.06	Pk	36.6	-41.9	44.76	54	-9.24	74	-29.24	-	-	0-360	101	H
		4	*** 8.13586	51.11	Pk	35.8	-42.1	44.81	54	-9.19	74	-29.19	-	-	0-360	200	V
		5	*** 9.16681	49.78	Pk	36.2	-41.9	44.08	54	-9.92	74	-29.92	-	-	0-360	101	V
		6	*** 9.39789	49.62	Pk	36.5	-40.8	45.32	54	-8.68	74	-28.68	-	-	0-360	200	V
802.11be EHT20 52T	5845	1	*** 7.57003	50.84	Pk	35.7	-42	44.54	54	-9.46	74	-29.46	-	-	0-360	200	H
		2	*** 8.48939	50.07	Pk	35.7	-41.1	44.67	54	-9.33	74	-29.33	-	-	0-360	200	H
		3	*** 9.41369	50.27	Pk	36.5	-41.2	45.57	54	-8.43	74	-28.43	-	-	0-360	101	H
		4	*** 8.04995	49.93	Pk	35.8	-41.4	44.33	54	-9.67	74	-29.67	-	-	0-360	101	V
		5	*** 9.10361	49.77	Pk	36.2	-41.6	44.37	54	-9.63	74	-29.63	-	-	0-360	101	V
		6	*** 9.3495	50.47	Pk	36.4	-40.8	46.07	54	-7.93	74	-27.93	-	-	0-360	101	V
	5865	1	*** 8.16154	50.75	Pk	35.8	-42.2	44.35	54	-9.65	74	-29.65	-	-	0-360	200	H
		2	*** 9.17373	50.21	Pk	36.2	-41.5	44.91	54	-9.09	74	-29.09	-	-	0-360	101	H
		3	*** 9.41073	49.83	Pk	36.5	-40.7	45.63	54	-8.37	74	-28.37	-	-	0-360	101	H
		4	*** 8.24844	50.51	Pk	35.7	-41.6	44.61	54	-9.39	74	-29.39	-	-	0-360	101	V
		5	*** 9.14114	50.24	Pk	36.2	-42.2	44.24	54	-9.76	74	-29.76	-	-	0-360	200	V
		6	*** 9.33963	50.23	Pk	36.4	-40.4	46.23	54	-7.77	74	-27.77	-	-	0-360	101	V
	5885	1	*** 8.14969	50.68	Pk	35.8	-41.6	44.88	54	-9.12	74	-29.12	-	-	0-360	101	H
		2	*** 9.15398	49.15	Pk	36.2	-41.5	43.85	54	-10.15	74	-30.15	-	-	0-360	200	H
		3	*** 9.40776	49.51	Pk	36.5	-40.3	45.71	54	-8.29	74	-28.29	-	-	0-360	101	H
		4	*** 8.25436	50.4	Pk	35.7	-41.3	44.8	54	-9.2	74	-29.2	-	-	0-360	200	V
		5	*** 9.12731	50.39	Pk	36.2	-41.8	44.79	54	-9.21	74	-29.21	-	-	0-360	101	V
		6	*** 9.30951	49.44	Pk	36.3	-39.9	45.84	54	-8.16	74	-28.16	-	-	0-360	200	V
		7	*** 9.30951	49.44	Pk	36.3	-39.9	45.84	54	-8.16	74	-28.16	-	-	0-360	200	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.2. SPURIOUS EMISSIONS 30 TO 1000 MHz - WORST CASE CONFIGURATION



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 114.002	30.85	Pk	19.7	-30.5	20.05	43.52	-23.47	0-360	400	H
2	*** 162.405	40.17	Pk	18.6	-30.5	28.27	43.52	-15.25	0-360	200	H
3	*** 334.774	29.99	Pk	20.5	-29.1	21.39	46.02	-24.63	0-360	100	H
4	*** 984.674	25.89	Pk	29.8	-25.4	30.29	53.97	-23.68	0-360	299	H
5	*** 38.148	32.3	Pk	21.7	-31.6	22.4	40	-17.6	0-360	100	V
6	*** 75.008	33.17	Pk	14.5	-31.2	16.47	40	-23.53	0-360	100	V
7	*** 170.068	40.28	Pk	18.3	-30	28.58	43.52	-14.94	0-360	100	V
8	*** 405.681	27.02	Pk	22.4	-28.8	20.62	46.02	-25.4	0-360	100	V
9	*** 985.838	25.26	Pk	29.8	-25.4	29.66	53.97	-24.31	0-360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 [*]	56 to 46 [*]
0.5-5	56	46
5-30	60	50

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

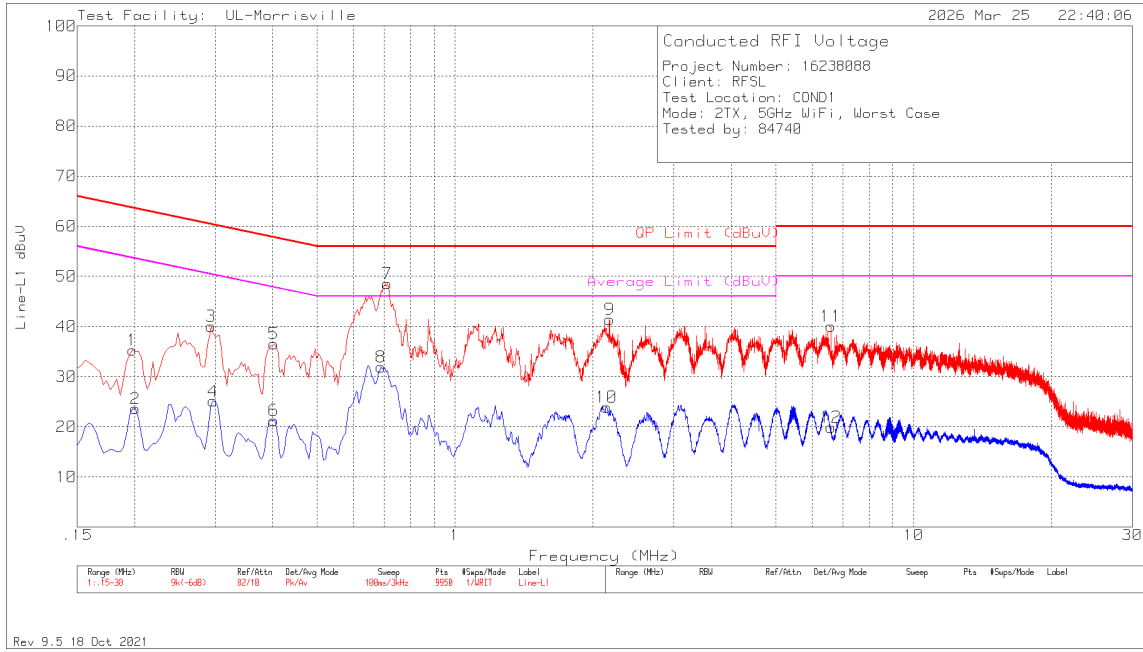
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

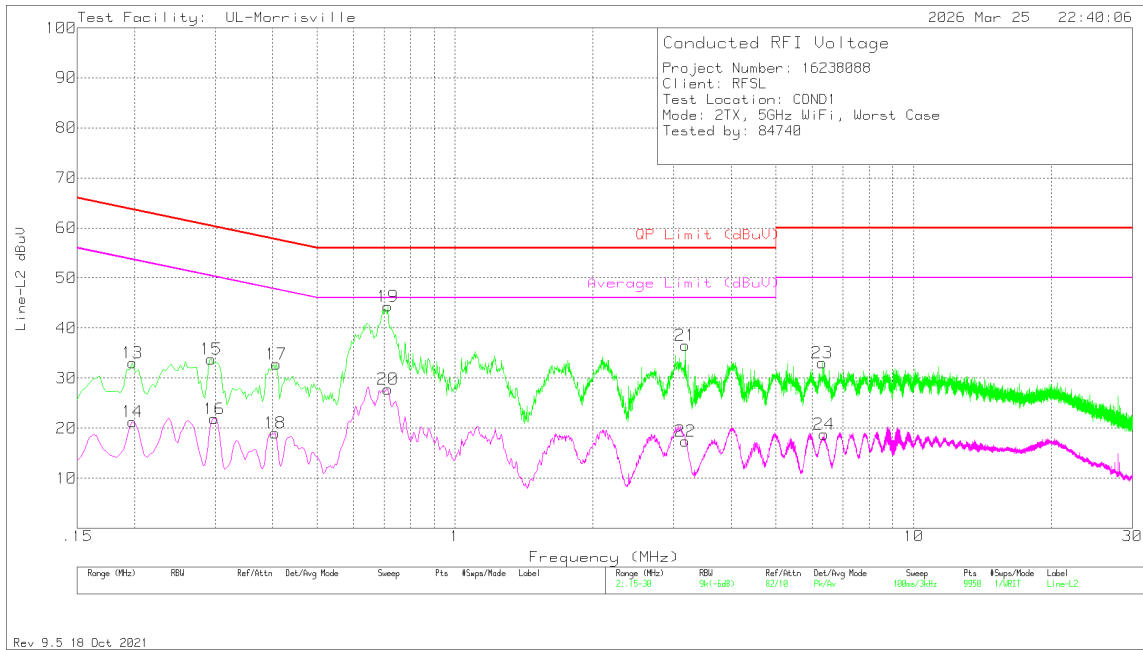
RESULTS

11.1. AC POWER LINE

LINE 1 RESULTS



LINE 2 RESULTS



Chain	Line	Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
MIMO	1	1	.198	25.51	Pk	.1	9.7	35.31	63.69	-28.38	-	-
		2	.201	13.79	Av	.1	9.7	23.59	-	-	53.57	-29.98
		3	.294	30.23	Pk	.1	9.7	40.03	60.41	-20.38	-	-
		4	.297	15.29	Av	.1	9.7	25.09	-	-	50.33	-25.24
		5	.402	26.83	Pk	0	9.7	36.53	57.81	-21.28	-	-
		6	.402	11.59	Av	0	9.7	21.29	-	-	47.81	-26.52
		7	.711	38.83	Pk	0	9.7	48.53	56	-7.47	-	-
		8	.69	22.19	Av	0	9.7	31.89	-	-	46	-14.11
		9	2.172	31.71	Pk	0	9.7	41.41	56	-14.59	-	-
		10	2.142	14.18	Av	0	9.7	23.88	-	-	46	-22.12
		11	6.6	30.39	Pk	0	9.7	40.09	60	-19.91	-	-
		12	6.6	10.19	Av	0	9.7	19.89	-	-	50	-30.11
	2	13	.198	23.21	Pk	.1	9.7	33.01	63.69	-30.68	-	-
		14	.198	11.49	Av	.1	9.7	21.29	-	-	53.69	-32.4
		15	.294	23.99	Pk	.1	9.7	33.79	60.41	-26.62	-	-
		16	.2985	12.04	Av	.1	9.7	21.84	-	-	50.28	-28.44
		17	.408	23.14	Pk	0	9.7	32.84	57.69	-24.85	-	-
		18	.405	9.19	Av	.1	9.7	18.99	-	-	47.75	-28.76
		19	.714	34.66	Pk	0	9.7	44.36	56	-11.64	-	-
		20	.714	18.09	Av	0	9.7	27.79	-	-	46	-18.21
		21	3.177	26.83	Pk	0	9.7	36.53	56	-19.47	-	-
		22	3.177	7.71	Av	0	9.7	17.41	-	-	46	-28.59
		23	6.315	23.32	Pk	0	9.7	33.02	60	-26.98	-	-
		24	6.378	9.02	Av	0	9.7	18.72	-	-	50	-31.28

Pk - Peak detector
Av - Average detection

12. SETUP PHOTOS

Please refer to R16238088-EP1d for setup photos

END OF TEST REPORT