

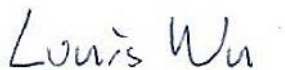


FCC RADIO TEST REPORT

FCC ID : PY7-75158T
Equipment : GSM/WCDMA/LTE Phone with BT, DTS/UNII
a/b/g/n/ac/ax, NFC and GNSS
Brand Name : Sony
Applicant : Sony Corporation
1-7-1 Konan, Minato-ku , Tokyo, Japan 108-0075
Manufacturer : Sony Corporation
1-7-1 Konan, Minato-ku , Tokyo, Japan 108-0075
Standard : FCC Part 15 Subpart E §15.407

The product was received on Feb. 03, 2026 and testing was performed from Mar. 05, 2026 to Apr. 30, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR620304E	01	Initial issue of report	Jun. 17, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	6.58 dB under the limit at 5149.73 MHz
3.5	15.207	AC Conducted Emission	Pass	5.78 dB under the limit at 1.05 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Shiori Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, NFC and BDS/Galileo/GLONASS/GPS.
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GPS / Glonass / BDS / Galileo: PIFA Antenna NFC: LOOP Antenna

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	0.27	SEABBAG0AWF00033	RF conducted measurement
		SEABBAG0AWE00018	Radiated Spurious Emission
		SEABBAG0AWE0000A	AC Conducted Emission

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 6: -0.2 Ant. 7: -2.4
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 6: 0.2 Ant. 7: -2
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 6: 0.8 Ant. 7: -0.7

Specification of Accessory		
AC Adapter	Brand Name	Sony
	Model Name	XQZ-UC1
Earphone	Brand Name	Sony
	Model Name	MDR-EX15AP
USB Cable 1	Brand Name	Sony
	Model Name	XQZ-UB1
USB Cable 2	Brand Name	Sony
	Model Name	UCB20

Remark:

1. MIMO Ant. 6+7 Directional Gain is a calculated result from MIMO Ant. 6 and MIMO Ant. 7. The formula used in calculation is documented in section 1.1.1.
2. Power of MIMO Ant. 6 + Ant. 7 is a calculated result from sum of the power MIMO Ant. 6 and MIMO Ant. 7.
3. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.1.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the k th antenna is being fed by spatial stream j , or zero if it is not;
 G_k is the gain in dBi of the k th antenna.

As minimum $N_{SS}=1$ is supported by EUT, the formula can be simplified as:

Directional gain = $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi

Where $G_1, G_2, \dots, G_N$ denote single antenna gain.

The directional gain "DG" is calculated as following table.

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 6	Ant 7	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	-0.20	-2.40	-0.20	1.78	0.00	0.00
Band II	0.20	-2.00	0.20	2.18	0.00	0.00
Band III	0.80	-0.70	0.80	3.09	0.00	0.00

Calculation example:

If a device has two antenna, $G_{ANT6} = -0.2$ dBi; $G_{ANT7} = -2.4$ dBi

Directional gain of power measurement = $\max(-0.2, -2.4) + 0 = -0.2$ dBi

Directional gain of PSD derived from formula which is

$10 \times \log \left\{ \left[10^{(-0.2 \text{ dBi} / 20)} + 10^{(-2.4 \text{ dBi} / 20)} \right]^2 / 2 \right\} = 1.78$ dBi

Power limit reduction = Composite gain – 6dBi, (min = 0)

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)

Power and PSD limit reduction = Composite gain – 6dBi, (min = 0)

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 1190 and 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

FCC designation No.: TW1190 and TW3786

Note:

1. The test site complies with ANSI C63.4 2014 requirement.
2. The Radiated Spurious Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ FCC Part 15 Subpart E
- ♦ ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq. (MHz)
5150-5350 MHz	50@	5250
5470-5725 MHz	114@	5570

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122#	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138#	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160 and 802.11ax HE160.

2.2 Test Mode

This device support 26/52/106/242/484/996.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2022.

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.

The power for 802.11n mode is smaller than 802.11ac mode, so all other conducted and radiated test is covered by 802.11ac mode.

The final test modes include the worst data rates for each modulation shown in the table below.

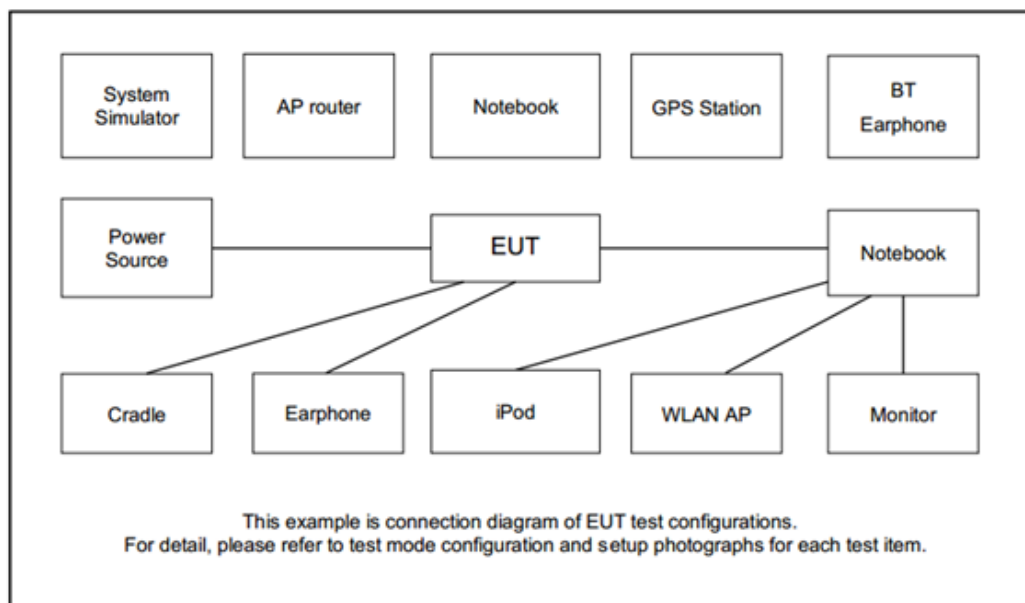
MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by VHT20)	MCS0
802.11n HT40 (Covered by VHT40)	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

Test Cases	
AC Conducted Emission	Mode 1 : BT Link + WLAN5G Link + MPEG4 + USB Cable 1 + Adapter + Earphone
Remark: - The detailed Radiated test modes are shown in Appendix C. - For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.	

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	SonyEricsson	MW600	PY7DDA2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
3.	Earphone	Sony	MDR-EX15AP	N/A	UnShielded, 1.2m	N/A
4.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT Version 4.0.181.1" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.



2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules **v02r01**, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

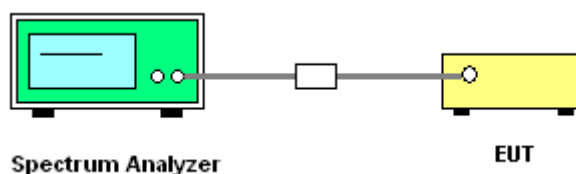
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules **v02r01**.
Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.
Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the 5.15–5.25 GHz bands:

■ 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. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, 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.

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

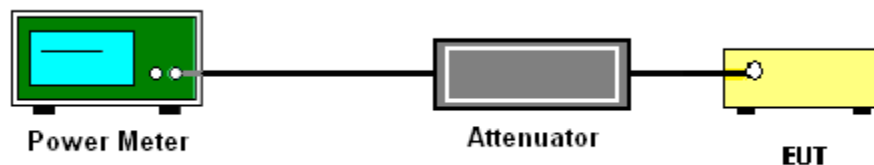
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

Method SA-2

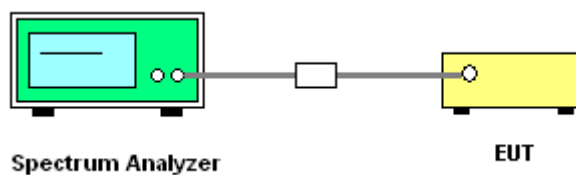
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSPD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

- (2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

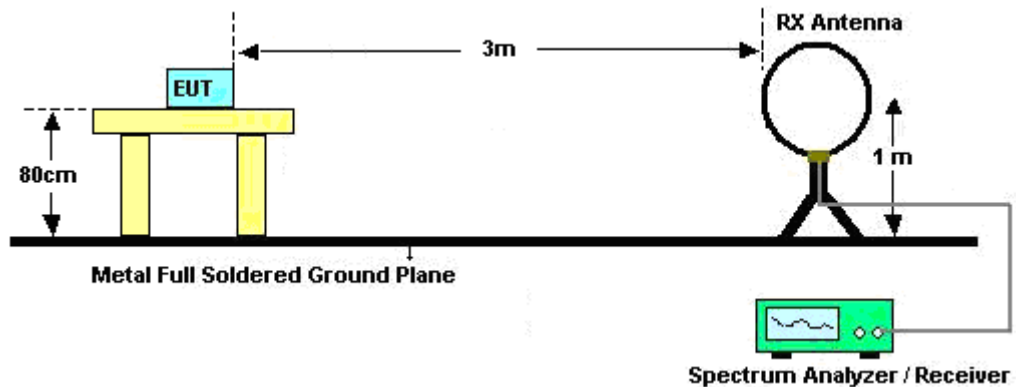


3.4.3 Test Procedures

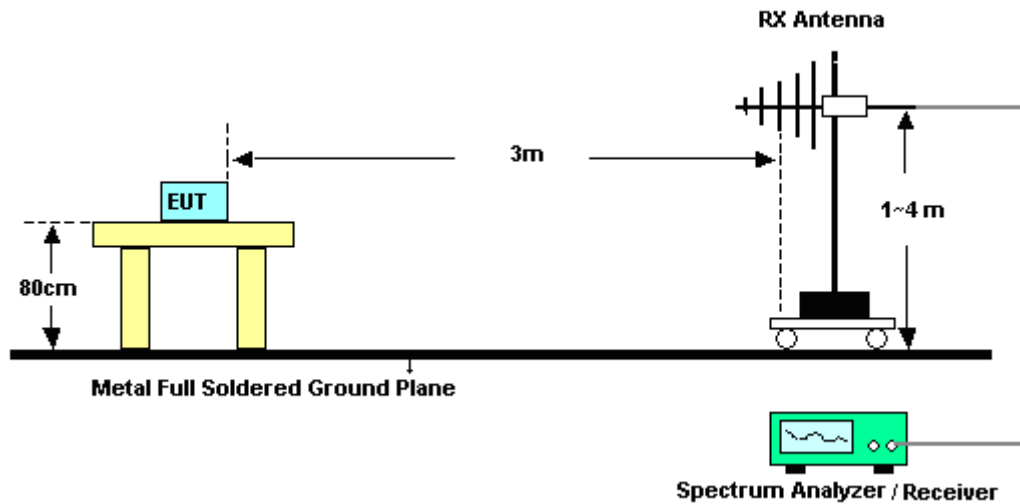
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.4.4 Test Setup

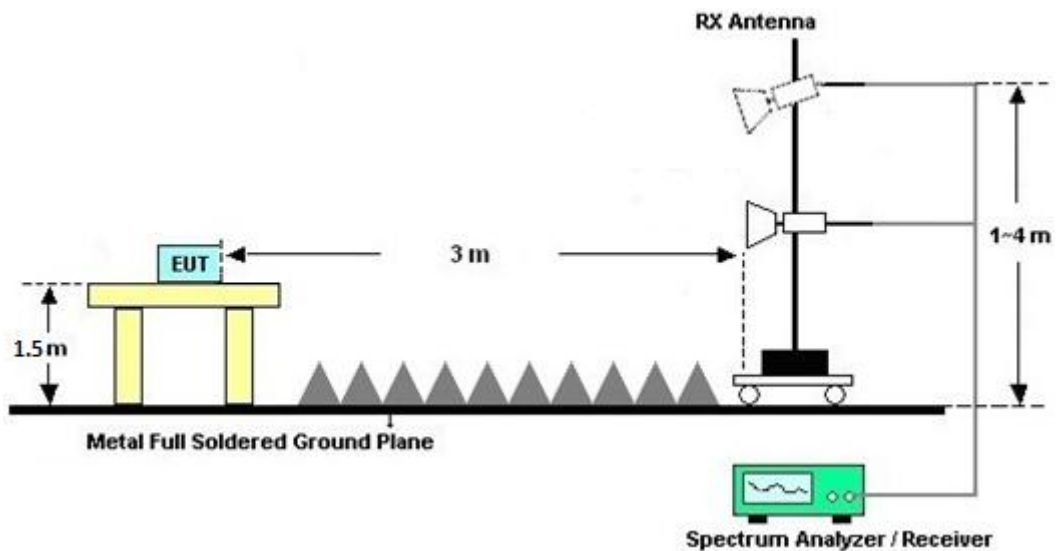
For radiated emissions below 30MHz



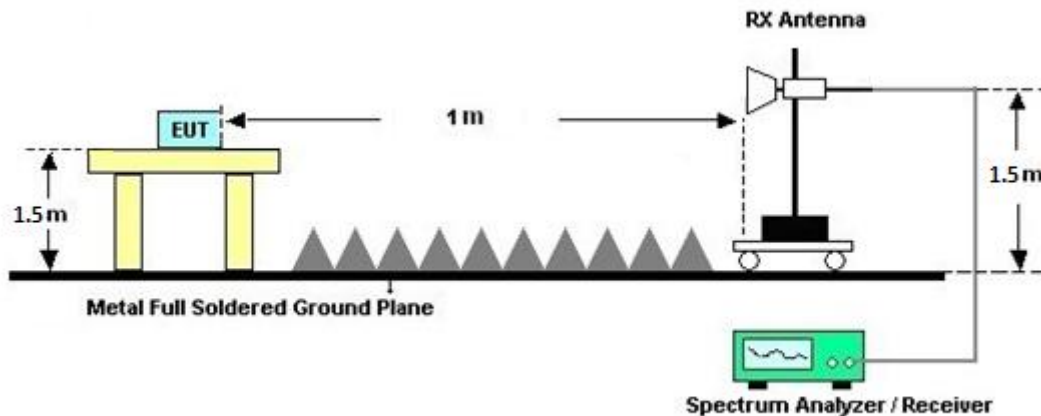
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	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.

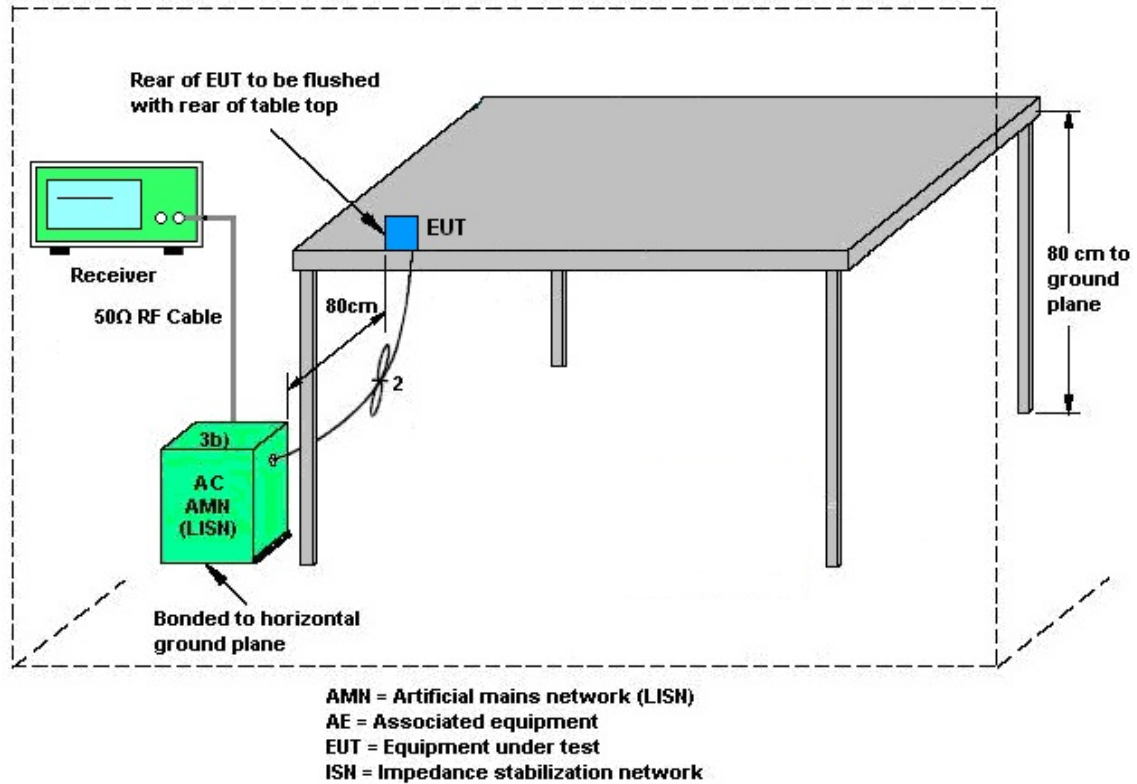
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Mar. 21,2026	Mar. 23, 2026~ Apr. 30, 2026	Mar. 20,2027	Radiation (03CH07-HY)
Double Ridged Guide Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Dec. 09,2025	Mar. 23, 2026~ Apr. 30, 2026	Dec. 08,2026	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16,2026	Mar. 23, 2026~ Apr. 30, 2026	Mar. 15,2027	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 18,2025	Mar. 23, 2026~ Apr. 16, 2026	Apr. 17,2026	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 17,2026	Apr. 18, 2026~ Apr. 30, 2026	Apr. 16,2027	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Sep. 30,2025	Mar. 23, 2026~ Apr. 30, 2026	Sep. 29,2026	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 21,2026	Mar. 23, 2026~ Apr. 30, 2026	Mar. 20,2027	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 08,2025	Mar. 23, 2026~ Apr. 30, 2026	Aug. 07,2026	Radiation (03CH07-HY)
Signal Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 28,2025	Mar. 23, 2026~ Mar. 26, 2026	Mar. 27,2026	Radiation (03CH07-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Nov. 26, 2025	Mar. 26, 2026~ Apr. 30, 2026	Nov. 25, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 19,2026	Mar. 23, 2026~ Apr. 30, 2026	Feb. 18,2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 19,2026	Mar. 23, 2026~ Apr. 30, 2026	Feb. 18,2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 13,2025	Mar. 23, 2026~ Apr. 30, 2026	Sep. 12,2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 19,2026	Mar. 23, 2026~ Apr. 30, 2026	Feb. 18,2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 23,2025	Mar. 23, 2026~ Apr. 21, 2026	Apr. 22,2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22,2026	Apr. 22, 2026~ Apr. 30, 2026	Apr. 21,2027	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Mar. 23, 2026~ Apr. 30, 2026	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Mar. 23, 2026~ Apr. 30, 2026	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Mar. 23, 2026~ Apr. 30, 2026	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Mar. 23, 2026~ Apr. 30, 2026	N/A	Radiation (03CH07-HY)
Software	Audix	E3	RK-002396	N/A	N/A	Mar. 23, 2026~ Apr. 30, 2026	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 02,2026	Mar. 23, 2026~ Apr. 30, 2026	Mar. 01,2027	Radiation (03CH07-HY)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Dec. 09,2025	Mar. 23, 2026~ Apr. 30, 2026	Dec. 08,2026	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEPIL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Mar. 16, 2026~ Apr. 30, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Mar. 16, 2026~ Apr. 30, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	Mar. 16, 2026~ Apr. 30, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	Mar. 16, 2026~ Apr. 30, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_24051 3	N/A	Conducted Other Test Item	N/A	Mar. 16, 2026~ Apr. 30, 2026	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Mar. 05, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 05, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2025	Mar. 05, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 02, 2026	Mar. 05, 2026	Mar. 01, 2027	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Mar. 05, 2026	Mar. 23, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Mar. 05, 2026	Oct. 20, 2026	Conduction (CO07-HY)



5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.7 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.3 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2026/3/16~4/30	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	36	5180	16.51	16.44	20.14	19.20	-	-	22.16	-	
11a	6Mbps	2	44	5220	16.52	16.44	19.96	19.14	-	-	22.16	-	
11a	6Mbps	2	48	5240	16.53	16.44	19.96	19.22	-	-	22.16	-	
VHT20	MCS0	2	36	5180	17.70	17.64	21.03	20.70	-	-	22.46	-	
VHT20	MCS0	2	44	5220	17.69	17.63	21.00	20.62	-	-	22.46	-	
VHT20	MCS0	2	48	5240	17.70	17.64	21.10	20.63	-	-	22.46	-	
VHT40	MCS0	2	38	5190	36.02	36.04	40.56	40.67	-	-	23.01	-	
VHT40	MCS0	2	46	5230	36.23	36.00	40.74	40.34	-	-	23.01	-	
VHT80	MCS0	2	42	5210	74.94	75.05	82.34	82.53	-	-	23.01	-	
VHT160	MCS0	2	50	5250	153.60	153.76	164.69	163.63	-	-	23.01	-	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	52	5260	16.49	16.46	19.91	19.46	23.17		29.17		23.89		
11a	6Mbps	2	60	5300	16.49	16.46	19.62	19.25	23.16		29.16		23.84		
11a	6Mbps	2	64	5320	16.48	16.46	19.71	19.85	23.16		29.16		23.95		
VHT20	MCS0	2	52	5260	17.70	17.67	21.02	20.76	23.47		29.47		23.98		
VHT20	MCS0	2	60	5300	17.71	17.66	20.98	21.07	23.47		29.47		23.98		
VHT20	MCS0	2	64	5320	17.69	17.67	21.18	20.98	23.47		29.47		23.98		
VHT40	MCS0	2	54	5270	36.02	36.08	40.48	40.43	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	36.03	36.06	40.45	40.78	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.19	75.00	82.98	82.37	23.98		30.00		23.98		
VHT160	MCS0	2	50	5250	153.60	153.76	164.69	163.63	23.98		30.00		23.98		

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7
11a	6Mbps	2	100	5500	16.53	16.46	19.41	19.78	23.16		29.16		23.88		----	----
11a	6Mbps	2	120	5600	16.55	16.44	20.15	19.25	23.16		29.16		23.84		----	----
11a	6Mbps	2	140	5700	16.52	16.45	20.12	19.20	23.16		29.16		23.83		----	----
VHT20	MCS0	2	100	5500	17.66	17.68	20.90	20.79	23.47		29.47		23.98		----	----
VHT20	MCS0	2	120	5600	17.69	17.67	21.03	21.26	23.47		29.47		23.98		----	----
VHT20	MCS0	2	140	5700	17.65	17.69	20.98	20.98	23.47		29.47		23.98		----	----
VHT40	MCS0	2	102	5510	36.05	36.06	40.40	40.50	23.98		30.00		23.98		----	----
VHT40	MCS0	2	118	5590	35.97	36.07	40.67	40.38	23.98		30.00		23.98		----	----
VHT40	MCS0	2	134	5670	36.05	36.05	40.70	40.51	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	75.01	74.99	82.62	82.43	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	75.08	74.92	82.30	82.62	23.98		30.00		23.98		----	----
VHT160	MCS0	2	114	5570	153.66	153.50	164.59	163.73	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7
11a	6Mbps	2	144	5720	13.31	13.23	15.29	14.62	23.16		29.16		23.85		2.555	2.55
VHT20	MCS0	2	144	5720	13.87	13.85	15.62	15.48	23.46		29.46		23.98		2.535	2.545
VHT40	MCS0	2	142	5710	33.04	33.09	35.21	35.32	23.98		30.00		23.98		2.496	2.523
VHT80	MCS0	2	138	5690	72.66	72.59	76.60	76.57	23.98		30.00		23.98		2.504	2.504
6dB Bandwidth Limit ≥ 500kHz															Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	36	5180	8.60	8.10	11.37	24.00		-0.20			Pass
11a	6Mbps	2	44	5220	8.50	8.50	11.51	24.00		-0.20			Pass
11a	6Mbps	2	48	5240	8.50	8.50	11.51	24.00		-0.20			Pass
HT20	MCS0	2	36	5180	8.30	7.80	11.07	24.00		-0.20			Pass
HT20	MCS0	2	44	5220	8.50	8.70	11.61	24.00		-0.20			Pass
HT20	MCS0	2	48	5240	8.60	8.70	11.66	24.00		-0.20			Pass
HT40	MCS0	2	38	5190	8.40	7.80	11.12	24.00		-0.20			Pass
HT40	MCS0	2	46	5230	8.40	8.10	11.26	24.00		-0.20			Pass
VHT20	MCS0	2	36	5180	8.40	7.90	11.17	24.00		-0.20			Pass
VHT20	MCS0	2	44	5220	8.60	8.80	11.71	24.00		-0.20			Pass
VHT20	MCS0	2	48	5240	8.70	8.80	11.76	24.00		-0.20			Pass
VHT40	MCS0	2	38	5190	8.50	7.90	11.22	24.00		-0.20			Pass
VHT40	MCS0	2	46	5230	8.50	8.20	11.36	24.00		-0.20			Pass
VHT80	MCS0	2	42	5210	8.70	8.70	11.71	24.00		-0.20			Pass
VHT160	MCS0	2	50	5250	8.80	8.50	11.66	24.00		-0.20			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	36	5180	0.04	0.04	-		1.36	11.00	1.78	-		Pass	
11a	6Mbps	2	44	5220	0.04	0.04			1.35	11.00	1.78			Pass	
11a	6Mbps	2	48	5240	0.04	0.04			1.36	11.00	1.78			Pass	
VHT20	MCS0	2	36	5180	0.02	0.01			0.79	11.00	1.78			Pass	
VHT20	MCS0	2	44	5220	0.02	0.01			1.24	11.00	1.78			Pass	
VHT20	MCS0	2	48	5240	0.02	0.01			1.35	11.00	1.78			Pass	
VHT40	MCS0	2	38	5190	0.03	0.03			-2.22	11.00	1.78			Pass	
VHT40	MCS0	2	46	5230	0.03	0.03			-2.77	11.00	1.78			Pass	
VHT80	MCS0	2	42	5210	0.04	0.04			-3.85	11.00	1.78			Pass	
VHT160	MCS0	2	50	5250	0.03	0.04			-6.87	11.00	1.78			Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	52	5260	8.90	8.30	11.62	23.89		0.20		30	Pass
11a	6Mbps	2	60	5300	8.90	8.20	11.57	23.84		0.20		30	Pass
11a	6Mbps	2	64	5320	8.70	8.30	11.51	23.95		0.20		30	Pass
HT20	MCS0	2	52	5260	8.60	7.90	11.27	23.98		0.20		30	Pass
HT20	MCS0	2	60	5300	8.60	7.90	11.27	23.98		0.20		30	Pass
HT20	MCS0	2	64	5320	8.40	8.00	11.21	23.98		0.20		30	Pass
HT40	MCS0	2	54	5270	8.50	8.00	11.27	23.98		0.20		30	Pass
HT40	MCS0	2	62	5310	8.50	7.90	11.22	23.98		0.20		30	Pass
VHT20	MCS0	2	52	5260	8.70	8.00	11.37	23.98		0.20		30	Pass
VHT20	MCS0	2	60	5300	8.70	8.00	11.37	23.98		0.20		30	Pass
VHT20	MCS0	2	64	5320	8.50	8.10	11.31	23.98		0.20		30	Pass
VHT40	MCS0	2	54	5270	8.60	8.10	11.37	23.98		0.20		30	Pass
VHT40	MCS0	2	62	5310	8.60	8.00	11.32	23.98		0.20		30	Pass
VHT80	MCS0	2	58	5290	8.80	8.10	11.47	23.98		0.20		30	Pass
VHT160	MCS0	2	50	5250	8.80	8.50	11.66	23.98		0.20		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	52	5260	0.04	0.04	-		1.69	11.00		2.18		Pass
11a	6Mbps	2	60	5300	0.04	0.04			1.61	11.00		2.18		Pass
11a	6Mbps	2	64	5320	0.04	0.04			1.50	11.00		2.18		Pass
VHT20	MCS0	2	52	5260	0.02	0.01			1.09	11.00		2.18		Pass
VHT20	MCS0	2	60	5300	0.02	0.01			0.89	11.00		2.18		Pass
VHT20	MCS0	2	64	5320	0.02	0.01			0.88	11.00		2.18		Pass
VHT40	MCS0	2	54	5270	0.03	0.03			-1.96	11.00		2.18		Pass
VHT40	MCS0	2	62	5310	0.03	0.03			-2.18	11.00		2.18		Pass
VHT80	MCS0	2	58	5290	0.04	0.04			-4.35	11.00		2.18		Pass
VHT160	MCS0	2	50	5250	0.03	0.04			-6.87	11.00		2.18		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	100	5500	8.80	8.20	11.52	23.88		0.80		30	Pass
11a	6Mbps	2	120	5600	8.94	8.70	11.83	23.84		0.80		30	Pass
11a	6Mbps	2	140	5700	8.80	8.30	11.57	23.83		0.80		30	Pass
HT20	MCS0	2	100	5500	8.40	7.80	11.12	23.98		0.80		30	Pass
HT20	MCS0	2	120	5600	8.62	8.46	11.55	23.98		0.80		30	Pass
HT20	MCS0	2	140	5700	8.40	8.00	11.21	23.98		0.80		30	Pass
HT40	MCS0	2	102	5510	8.50	8.00	11.27	23.98		0.80		30	Pass
HT40	MCS0	2	118	5590	8.75	8.27	11.53	23.98		0.80		30	Pass
HT40	MCS0	2	134	5670	8.70	7.90	11.33	23.98		0.80		30	Pass
VHT20	MCS0	2	100	5500	8.50	7.90	11.22	23.98		0.80		30	Pass
VHT20	MCS0	2	120	5600	8.72	8.56	11.65	23.98		0.80		30	Pass
VHT20	MCS0	2	140	5700	8.50	8.10	11.31	23.98		0.80		30	Pass
VHT40	MCS0	2	102	5510	8.60	8.10	11.37	23.98		0.80		30	Pass
VHT40	MCS0	2	118	5590	8.85	8.37	11.63	23.98		0.80		30	Pass
VHT40	MCS0	2	134	5670	8.80	8.00	11.43	23.98		0.80		30	Pass
VHT80	MCS0	2	106	5530	8.80	8.20	11.52	23.98		0.80		30	Pass
VHT80	MCS0	2	122	5610	8.75	8.33	11.56	23.98		0.80		30	Pass
VHT160	MCS0	2	114	5570	8.78	8.26	11.54	23.98		0.80		30	Pass

FCC U-NII-2C straddle channel MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	144	5720	8.80	8.40	11.61	23.85		0.80		30	Pass
HT20	MCS0	2	144	5720	8.40	8.10	11.26	23.98		0.80		30	Pass
HT40	MCS0	2	142	5710	8.60	7.80	11.23	23.98		0.80		30	Pass
VHT20	MCS0	2	144	5720	8.50	8.20	11.36	23.98		0.80		30	Pass
VHT40	MCS0	2	142	5710	8.70	7.90	11.33	23.98		0.80		30	Pass
VHT80	MCS0	2	138	5690	8.60	7.90	11.27	23.98		0.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	100	5500	0.04	0.04	-		1.45	11.00		3.09		Pass
11a	6Mbps	2	120	5600	0.04	0.04			1.57	11.00		3.09		Pass
11a	6Mbps	2	140	5700	0.04	0.04			1.45	11.00		3.09		Pass
VHT20	MCS0	2	100	5500	0.02	0.01			0.81	11.00		3.09		Pass
VHT20	MCS0	2	120	5600	0.02	0.01			0.76	11.00		3.09		Pass
VHT20	MCS0	2	140	5700	0.02	0.01			0.79	11.00		3.09		Pass
VHT40	MCS0	2	102	5510	0.03	0.03			-2.31	11.00		3.09		Pass
VHT40	MCS0	2	118	5590	0.03	0.03			-1.90	11.00		3.09		Pass
VHT40	MCS0	2	134	5670	0.03	0.03			-1.95	11.00		3.09		Pass
VHT80	MCS0	2	106	5530	0.04	0.04			-4.16	11.00		3.09		Pass
VHT80	MCS0	2	122	5610	0.04	0.04			-3.84	11.00		3.09		Pass
VHT160	MCS0	2	114	5570	0.03	0.04			-7.11	11.00		3.09		Pass

U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	144	5720	0.04	0.04	-		1.33	11.00		3.09		Pass
VHT20	MCS0	2	144	5720	0.02	0.01			0.80	11.00		3.09		Pass
VHT40	MCS0	2	142	5710	0.03	0.03			-2.18	11.00		3.09		Pass
VHT80	MCS0	2	138	5690	0.04	0.04			-4.11	11.00		3.09		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	36	5180	Full	8.50	8.00	11.27	24.00		-0.20			Pass
HE20	MCS0	2	36	5180	26/0	8.64	8.89	11.78	24.00		-0.20			Pass
HE20	MCS0	2	36	5180	52/37	8.64	8.70	11.68	24.00		-0.20			Pass
HE20	MCS0	2	36	5180	106/53	8.20	8.58	11.40	24.00		-0.20			Pass
HE20	MCS0	2	44	5220	Full	8.70	8.90	11.81	24.00		-0.20			Pass
HE20	MCS0	2	44	5220	26/4	8.69	8.86	11.79	24.00		-0.20			Pass
HE20	MCS0	2	44	5220	52/38	8.72	8.75	11.75	24.00		-0.20			Pass
HE20	MCS0	2	44	5220	106/53	8.46	8.72	11.60	24.00		-0.20			Pass
HE20	MCS0	2	48	5240	Full	8.80	8.90	11.86	24.00		-0.20			Pass
HE20	MCS0	2	48	5240	26/8	8.61	7.96	11.31	24.00		-0.20			Pass
HE20	MCS0	2	48	5240	52/40	8.55	8.00	11.29	24.00		-0.20			Pass
HE20	MCS0	2	48	5240	106/54	8.84	8.37	11.62	24.00		-0.20			Pass
HE40	MCS0	2	38	5190	Full	8.70	8.10	11.42	24.00		-0.20			Pass
HE40	MCS0	2	38	5190	242/61	8.98	8.62	11.81	24.00		-0.20			Pass
HE40	MCS0	2	46	5230	Full	8.60	8.40	11.51	24.00		-0.20			Pass
HE40	MCS0	2	46	5230	242/62	8.80	8.42	11.62	24.00		-0.20			Pass
HE80	MCS0	2	42	5210	Full	8.80	8.80	11.81	24.00		-0.20			Pass
HE80	MCS0	2	42	5210	484/65	8.57	8.50	11.55	24.00		-0.20			Pass
HE160	MCS0	2	50	5250	Full	8.90	8.60	11.76	24.00		-0.20			Pass
HE160	MCS0	2	50	5250	996/67	8.88	8.12	11.53	24.00		-0.20			Pass
HE160	MCS0	2	50	5250	996/S67	8.54	8.33	11.45	24.00		-0.20			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	52	5260	Full	8.80	8.10	11.47	23.98		0.20		30	Pass
HE20	MCS0	2	52	5260	26/0	8.57	7.73	11.18	23.98		0.20		30	Pass
HE20	MCS0	2	52	5260	52/37	8.83	7.85	11.38	23.98		0.20		30	Pass
HE20	MCS0	2	52	5260	106/53	8.93	7.91	11.46	23.98		0.20		30	Pass
HE20	MCS0	2	60	5300	Full	8.80	8.10	11.47	23.98		0.20		30	Pass
HE20	MCS0	2	60	5300	26/4	8.80	8.16	11.50	23.71		0.20		30	Pass
HE20	MCS0	2	60	5300	52/38	8.52	8.52	11.53	23.84		0.20		30	Pass
HE20	MCS0	2	60	5300	106/53	8.72	7.66	11.23	23.98		0.20		30	Pass
HE20	MCS0	2	64	5320	Full	8.60	8.20	11.41	23.98		0.20		30	Pass
HE20	MCS0	2	64	5320	26/8	8.92	8.35	11.65	23.98		0.20		30	Pass
HE20	MCS0	2	64	5320	52/40	8.78	8.50	11.65	23.98		0.20		30	Pass
HE20	MCS0	2	64	5320	106/54	8.81	7.73	11.31	23.98		0.20		30	Pass
HE40	MCS0	2	54	5270	Full	8.80	8.40	11.61	23.98		0.20		30	Pass
HE40	MCS0	2	54	5270	242/61	8.74	8.03	11.41	23.98		0.20		30	Pass
HE40	MCS0	2	62	5310	Full	8.80	8.30	11.57	23.98		0.20		30	Pass
HE40	MCS0	2	62	5310	242/62	8.90	7.19	11.14	23.98		0.20		30	Pass
HE80	MCS0	2	58	5290	Full	8.90	8.20	11.57	23.98		0.20		30	Pass
HE80	MCS0	2	58	5290	484/66	8.71	7.90	11.33	23.98		0.20		30	Pass
HE160	MCS0	2	50	5250	Full	8.90	8.60	11.76	23.98		0.20		30	Pass
HE160	MCS0	2	50	5250	996/67	8.88	8.12	11.53	23.98		0.20		30	Pass
HE160	MCS0	2	50	5250	996/S67	8.54	8.33	11.45	23.98		0.20		30	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	100	5500	Full	8.60	8.00	11.32	23.98		0.80		30	Pass
HE20	MCS0	2	100	5500	26/0	8.40	8.57	11.50	23.98		0.80		30	Pass
HE20	MCS0	2	100	5500	52/37	8.71	8.76	11.75	23.98		0.80		30	Pass
HE20	MCS0	2	100	5500	106/53	8.99	8.60	11.81	23.98		0.80		30	Pass
HE20	MCS0	2	120	5600	Full	8.82	8.66	11.75	23.98		0.80		30	Pass
HE20	MCS0	2	120	5600	26/4	8.47	8.62	11.56	23.65		0.80		30	Pass
HE20	MCS0	2	120	5600	52/38	8.62	8.54	11.59	23.83		0.80		30	Pass
HE20	MCS0	2	120	5600	106/53	8.96	8.71	11.85	23.98		0.80		30	Pass
HE20	MCS0	2	140	5700	Full	8.60	8.20	11.41	23.98		0.80		30	Pass
HE20	MCS0	2	140	5700	26/8	8.40	8.62	11.52	23.98		0.80		30	Pass
HE20	MCS0	2	140	5700	52/40	8.52	8.30	11.42	23.98		0.80		30	Pass
HE20	MCS0	2	140	5700	106/54	8.79	8.11	11.47	23.98		0.80		30	Pass
HE40	MCS0	2	102	5510	Full	8.80	8.30	11.57	23.98		0.80		30	Pass
HE40	MCS0	2	102	5510	242/61	8.95	8.01	11.52	23.98		0.80		30	Pass
HE40	MCS0	2	118	5590	Full	8.95	8.47	11.73	23.98		0.80		30	Pass
HE40	MCS0	2	118	5590	242/61	8.95	8.72	11.85	23.98		0.80		30	Pass
HE40	MCS0	2	134	5670	Full	8.90	8.20	11.57	23.98		0.80		30	Pass
HE40	MCS0	2	134	5670	242/62	8.95	7.37	11.24	23.98		0.80		30	Pass
HE80	MCS0	2	106	5530	Full	8.90	8.30	11.62	23.98		0.80		30	Pass
HE80	MCS0	2	106	5530	484/65	8.65	7.91	11.31	23.98		0.80		30	Pass
HE80	MCS0	2	122	5610	Full	8.85	8.43	11.66	23.98		0.80		30	Pass
HE80	MCS0	2	122	5610	484/66	8.93	8.19	11.59	23.98		0.80		30	Pass
HE160	MCS0	2	114	5570	Full	8.88	8.36	11.64	23.98		0.80		30	Pass
HE160	MCS0	2	114	5570	996/67	8.75	8.40	11.59	23.98		0.80		30	Pass
HE160	MCS0	2	114	5570	996/S67	8.67	8.00	11.36	23.98		0.80		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	144	5720	Full	8.60	8.30	11.46	23.98		0.80		30	Pass
HE20	MCS0	2	144	5720	26/8	8.65	8.50	11.59	23.98		0.80		30	Pass
HE20	MCS0	2	144	5720	52/40	8.72	8.38	11.56	23.98		0.80		30	Pass
HE20	MCS0	2	144	5720	106/54	8.96	8.50	11.75	23.98		0.80		30	Pass
HE40	MCS0	2	142	5710	Full	8.80	8.20	11.52	23.98		0.80		30	Pass
HE40	MCS0	2	142	5710	242/62	8.94	8.95	11.96	23.98		0.80		30	Pass
HE80	MCS0	2	138	5690	Full	8.70	8.00	11.37	23.98		0.80		30	Pass
HE80	MCS0	2	138	5690	484/66	8.94	7.80	11.42	23.98		0.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
HE20	MCS0	2	36	5180	Full	0.02	0.02	-		0.70	11.00		1.78	-	Pass
HE20	MCS0	2	36	5180	26/0	0.02	0.01			8.87	11.00		1.78		Pass
HE20	MCS0	2	36	5180	52/37	0.02	0.01			5.78	11.00		1.78		Pass
HE20	MCS0	2	36	5180	106/53	0.01	0.01			2.78	11.00		1.78		Pass
HE20	MCS0	2	44	5220	Full	0.02	0.02			1.18	11.00		1.78		Pass
HE20	MCS0	2	44	5220	26/4	0.02	0.01			7.70	11.00		1.78		Pass
HE20	MCS0	2	44	5220	52/38	0.02	0.01			5.66	11.00		1.78		Pass
HE20	MCS0	2	44	5220	106/53	0.01	0.01			2.71	11.00		1.78		Pass
HE20	MCS0	2	48	5240	Full	0.02	0.02			1.45	11.00		1.78		Pass
HE20	MCS0	2	48	5240	26/8	0.02	0.01			8.33	11.00		1.78		Pass
HE20	MCS0	2	48	5240	52/40	0.02	0.01			5.34	11.00		1.78		Pass
HE20	MCS0	2	48	5240	106/54	0.01	0.01			2.83	11.00		1.78		Pass
HE40	MCS0	2	38	5190	Full	0.06	0.05			-2.11	11.00		1.78		Pass
HE40	MCS0	2	38	5190	242/61	0.01	0.02			-0.19	11.00		1.78		Pass
HE40	MCS0	2	46	5230	Full	0.06	0.05			-2.12	11.00		1.78		Pass
HE40	MCS0	2	46	5230	242/62	0.01	0.02			-0.47	11.00		1.78		Pass
HE80	MCS0	2	42	5210	Full	0.02	0.02		-3.92	11.00		1.78	Pass		
HE80	MCS0	2	42	5210	484/65	0.03	0.03		-3.95	11.00		1.78	Pass		
HE160	MCS0	2	50	5250	Full	0.02	0.02		-6.86	11.00		1.78	Pass		
HE160	MCS0	2	50	5250	996/67	0.08	0.07		-7.23	11.00		1.78	Pass		
HE160	MCS0	2	50	5250	996/S67	0.08	0.07		-6.80	11.00		1.78	Pass		

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	52	5260	Full	0.02	0.02	-		1.21	11.00		2.18	-	Pass	
HE20	MCS0	2	52	5260	26/0	0.02	0.01			8.14	11.00		2.18		Pass	
HE20	MCS0	2	52	5260	52/37	0.02	0.01			5.41	11.00		2.18		Pass	
HE20	MCS0	2	52	5260	106/53	0.01	0.01			2.59	11.00		2.18		Pass	
HE20	MCS0	2	60	5300	Full	0.02	0.02			1.02	11.00		2.18		Pass	
HE20	MCS0	2	60	5300	26/4	0.02	0.01			7.13	11.00		2.18		Pass	
HE20	MCS0	2	60	5300	52/38	0.02	0.01			5.34	11.00		2.18		Pass	
HE20	MCS0	2	60	5300	106/53	0.01	0.01			2.23	11.00		2.18		Pass	
HE20	MCS0	2	64	5320	Full	0.02	0.02			0.86	11.00		2.18		Pass	
HE20	MCS0	2	64	5320	26/8	0.02	0.01			8.35	11.00		2.18		Pass	
HE20	MCS0	2	64	5320	52/40	0.02	0.01			5.27	11.00		2.18		Pass	
HE20	MCS0	2	64	5320	106/54	0.01	0.01			2.09	11.00		2.18		Pass	
HE40	MCS0	2	54	5270	Full	0.06	0.05			-1.84	11.00		2.18		Pass	
HE40	MCS0	2	54	5270	242/61	0.01	0.02			-1.02	11.00		2.18		Pass	
HE40	MCS0	2	62	5310	Full	0.06	0.05			-2.28	11.00		2.18		Pass	
HE40	MCS0	2	62	5310	242/62	0.01	0.02			-1.42	11.00		2.18		Pass	
HE80	MCS0	2	58	5290	Full	0.02	0.02		-4.22	11.00		2.18	Pass			
HE80	MCS0	2	58	5290	484/66	0.03	0.03		-7.41	11.00		2.18	Pass			
HE160	MCS0	2	50	5250	Full	0.08	0.07		-6.86	11.00		2.18	Pass			
HE160	MCS0	2	50	5250	996/67	0.08	0.07		-7.23	11.00		2.18	Pass			
HE160	MCS0	2	50	5250	996/S67	0.08	0.07		-6.80	11.00		2.18	Pass			

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	100	5500	Full	0.02	0.02	-		0.78	11.00		3.09	-	Pass	
HE20	MCS0	2	100	5500	26/0	0.02	0.01			8.30	11.00		3.09		Pass	
HE20	MCS0	2	100	5500	52/37	0.02	0.01			5.67	11.00		3.09		Pass	
HE20	MCS0	2	100	5500	106/53	0.01	0.01			2.70	11.00		3.09		Pass	
HE20	MCS0	2	120	5600	Full	0.02	0.02			0.98	11.00		3.09		Pass	
HE20	MCS0	2	120	5600	26/4	0.02	0.01			7.16	11.00		3.09		Pass	
HE20	MCS0	2	120	5600	52/38	0.02	0.01			5.38	11.00		3.09		Pass	
HE20	MCS0	2	120	5600	106/53	0.01	0.01			2.91	11.00		3.09		Pass	
HE20	MCS0	2	140	5700	Full	0.02	0.02			0.85	11.00		3.09		Pass	
HE20	MCS0	2	140	5700	26/8	0.02	0.01			8.43	11.00		3.09		Pass	
HE20	MCS0	2	140	5700	52/40	0.02	0.01			5.36	11.00		3.09		Pass	
HE20	MCS0	2	140	5700	106/54	0.01	0.01			2.44	11.00		3.09		Pass	
HE40	MCS0	2	102	5510	Full	0.06	0.05			-2.18	11.00		3.09		Pass	
HE40	MCS0	2	102	5510	242/61	0.01	0.02			-0.59	11.00		3.09		Pass	
HE40	MCS0	2	118	5590	Full	0.06	0.05			-1.78	11.00		3.09		Pass	
HE40	MCS0	2	118	5590	242/61	0.01	0.02			-0.76	11.00		3.09		Pass	
HE40	MCS0	2	134	5670	Full	0.06	0.05			-1.98	11.00		3.09		Pass	
HE40	MCS0	2	134	5670	242/62	0.01	0.02			-0.90	11.00		3.09		Pass	
HE80	MCS0	2	106	5530	Full	0.02	0.02			-4.24	11.00		3.09		Pass	
HE80	MCS0	2	106	5530	484/65	0.03	0.03			-4.25	11.00		3.09		Pass	
HE80	MCS0	2	122	5610	Full	0.02	0.02		-3.96	11.00		3.09	Pass			
HE80	MCS0	2	122	5610	484/66	0.03	0.03		-3.79	11.00		3.09	Pass			
HE160	MCS0	2	114	5570	Full	0.02	0.02		-7.08	11.00		3.09	Pass			
HE160	MCS0	2	114	5570	996/67	0.08	0.07		-6.64	11.00		3.09	Pass			
HE160	MCS0	2	114	5570	996/S67	0.08	0.07		-6.80	11.00		3.09	Pass			

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	144	5720	Full	0.02	0.02			0.78	11.00		3.09		Pass	
HE20	MCS0	2	144	5720	26/8	0.02	0.01			8.44	11.00		3.09		Pass	
HE20	MCS0	2	144	5720	52/40	0.02	0.01			5.52	11.00		3.09		Pass	
HE20	MCS0	2	144	5720	106/54	0.01	0.01			2.47	11.00		3.09		Pass	
HE40	MCS0	2	142	5710	Full	0.06	0.05			-2.00	11.00		3.09		Pass	
HE40	MCS0	2	142	5710	242/62	0.01	0.02			-0.40	11.00		3.09		Pass	
HE80	MCS0	2	138	5690	Full	0.02	0.02			-4.29	11.00		3.09		Pass	
HE80	MCS0	2	138	5690	484/66	0.03	0.03			-3.99	11.00		3.09		Pass	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	
HE20	MCS0	2	36	5180	Full	18.92	18.89	21.15	20.98	-	-	22.76	-	-
HE20	MCS0	2	36	5180	26/0	18.88	18.72	21.30	20.48	-	-	22.72	-	
HE20	MCS0	2	36	5180	52/37	18.82	18.62	21.97	21.56	-	-	22.70	-	
HE20	MCS0	2	36	5180	106/53	18.58	18.48	22.27	21.46	-	-	22.67	-	
HE20	MCS0	2	44	5220	Full	18.91	18.89	21.52	20.91	-	-	22.76	-	
HE20	MCS0	2	44	5220	26/4	17.42	17.01	19.19	18.68	-	-	22.31	-	
HE20	MCS0	2	44	5220	52/38	17.22	17.05	19.91	19.00	-	-	22.32	-	
HE20	MCS0	2	44	5220	106/53	18.44	18.38	21.70	21.52	-	-	22.64	-	
HE20	MCS0	2	48	5240	Full	18.92	18.87	21.24	20.83	-	-	22.76	-	
HE20	MCS0	2	48	5240	26/8	18.66	18.87	21.02	20.92	-	-	22.71	-	
HE20	MCS0	2	48	5240	52/40	18.68	18.67	21.72	21.42	-	-	22.71	-	
HE20	MCS0	2	48	5240	106/54	18.39	18.25	21.09	20.85	-	-	22.61	-	
HE40	MCS0	2	38	5190	Full	37.76	37.82	41.33	41.36	-	-	23.01	-	
HE40	MCS0	2	38	5190	242/61	37.79	37.95	43.18	46.56	-	-	23.01	-	
HE40	MCS0	2	46	5230	Full	37.86	37.69	41.46	41.04	-	-	23.01	-	
HE40	MCS0	2	46	5230	242/62	38.59	37.90	44.66	43.76	-	-	23.01	-	
HE80	MCS0	2	42	5210	Full	76.76	76.85	82.85	84.00	-	-	23.01	-	
HE80	MCS0	2	42	5210	484/65	77.75	77.77	89.50	86.59	-	-	23.01	-	
HE160	MCS0	2	50	5250	Full	155.14	155.47	164.40	164.88	-	-	23.01	-	
HE160	MCS0	2	50	5250	996/67	156.31	156.70	169.10	244.03	-	-	23.01	-	
HE160	MCS0	2	50	5250	996/67	156.41	156.53	230.74	241.58	-	-	23.01	-	

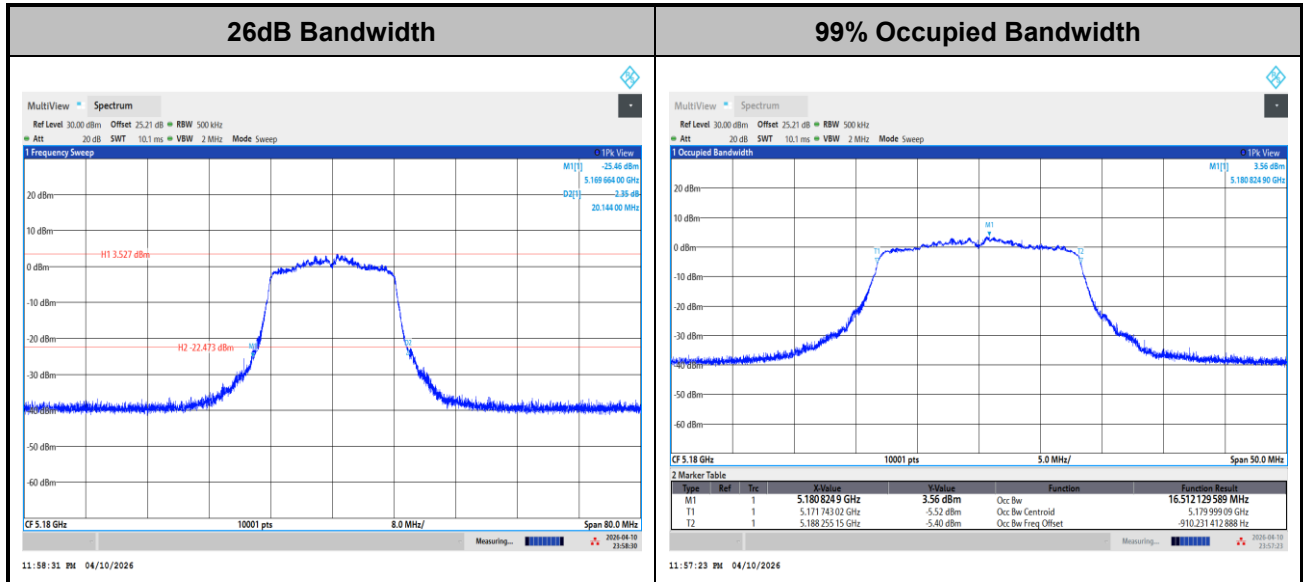
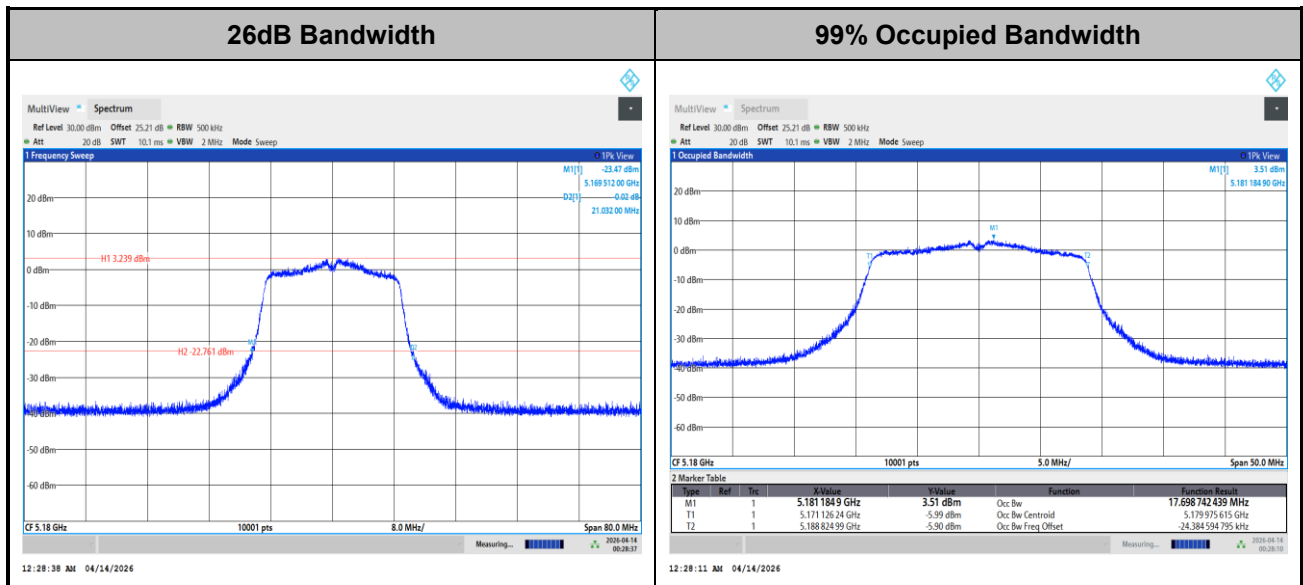
TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	
HE20	MCS0	2	52	5260	Full	18.87	18.90	21.17	21.14	23.76		29.76		23.98		
HE20	MCS0	2	52	5260	26/0	18.74	18.83	21.02	21.09	23.73		29.73		23.98		
HE20	MCS0	2	52	5260	52/37	18.56	18.66	21.39	21.41	23.69		29.69		23.98		
HE20	MCS0	2	52	5260	106/53	18.43	18.40	21.93	21.43	23.65		29.65		23.98		
HE20	MCS0	2	60	5300	Full	18.92	18.89	21.17	21.40	23.76		29.76		23.98		
HE20	MCS0	2	60	5300	26/4	17.08	16.99	19.16	18.66	23.30		29.30		23.71		
HE20	MCS0	2	60	5300	52/38	17.13	17.03	19.70	19.24	23.31		29.31		23.84		
HE20	MCS0	2	60	5300	106/53	18.55	18.44	22.39	21.80	23.66		29.66		23.98		
HE20	MCS0	2	64	5320	Full	18.88	18.91	21.05	21.10	23.76		29.76		23.98		
HE20	MCS0	2	64	5320	26/8	18.66	18.70	20.91	20.73	23.71		29.71		23.98		
HE20	MCS0	2	64	5320	52/40	18.54	18.72	21.67	21.42	23.68		29.68		23.98		
HE20	MCS0	2	64	5320	106/54	18.47	18.42	21.86	21.50	23.65		29.65		23.98		
HE40	MCS0	2	54	5270	Full	37.74	37.76	41.73	41.20	23.98		30.00		23.98		
HE40	MCS0	2	54	5270	242/61	37.79	37.97	43.23	42.91	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.76	37.70	41.12	41.06	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	242/62	37.86	38.15	43.50	43.76	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	76.83	76.73	83.49	84.29	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	484/66	78.07	77.79	90.43	88.67	23.98		30.00		23.98		
HE160	MCS0	2	50	5250	Full	155.14	155.47	164.40	164.88	23.98		30.00		23.98		
HE160	MCS0	2	50	5250	996/67	156.31	156.70	169.10	244.03	23.98		30.00		23.98		
HE160	MCS0	2	50	5250	996/S67	156.41	156.53	230.74	241.58	23.98		30.00		23.98		

TEST RESULTS DATA
26dB and 99% OBW

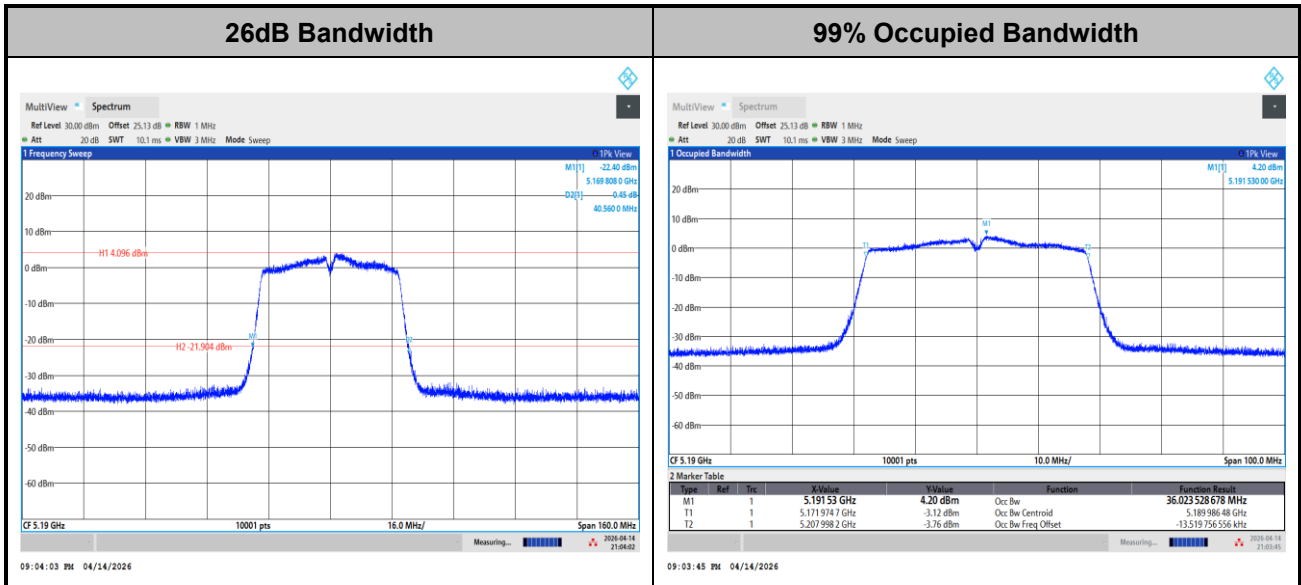
U-NII-2C MIMO																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7
HE20	MCS0	2	100	5500	Full	18.89	18.92	21.43	21.40	23.76		29.76		23.98		----	----
HE20	MCS0	2	100	5500	26/0	18.77	18.77	20.86	20.81	23.73		29.73		23.98		----	----
HE20	MCS0	2	100	5500	52/37	18.66	18.77	21.52	21.45	23.71		29.71		23.98		----	----
HE20	MCS0	2	100	5500	106/53	18.44	18.47	21.91	21.78	23.66		29.66		23.98		----	----
HE20	MCS0	2	120	5600	Full	18.85	18.89	21.34	21.07	23.75		29.75		23.98		----	----
HE20	MCS0	2	120	5600	26/4	17.13	17.15	19.34	18.42	23.34		29.34		23.65		----	----
HE20	MCS0	2	120	5600	52/38	17.13	16.95	19.97	19.19	23.29		29.29		23.83		----	----
HE20	MCS0	2	120	5600	106/53	18.45	18.38	21.90	22.39	23.64		29.64		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.85	18.91	21.10	21.35	23.75		29.75		23.98		----	----
HE20	MCS0	2	140	5700	26/8	18.74	18.59	21.00	20.46	23.69		29.69		23.98		----	----
HE20	MCS0	2	140	5700	52/40	18.59	18.41	20.97	21.26	23.65		29.65		23.98		----	----
HE20	MCS0	2	140	5700	106/54	18.49	18.62	21.93	21.43	23.67		29.67		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.73	37.85	41.28	41.57	23.98		30.00		23.98		----	----
HE40	MCS0	2	102	5510	242/61	37.86	38.27	43.54	43.12	23.98		30.00		23.98		----	----
HE40	MCS0	2	118	5590	Full	37.67	37.75	40.99	41.41	23.98		30.00		23.98		----	----
HE40	MCS0	2	118	5590	242/61	37.82	37.80	43.25	42.85	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.52	37.73	41.38	41.02	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	242/62	37.78	37.61	43.50	43.14	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	76.62	76.77	83.46	83.58	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	484/65	77.57	77.56	88.35	87.10	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	76.75	76.77	83.49	83.52	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	484/66	77.94	77.83	99.62	100.80	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	Full	155.27	155.27	164.78	164.40	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	996/67	156.27	155.78	207.55	169.87	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	996/S67	156.84	157.08	238.80	271.92	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7
HE20	MCS0	2	144	5720	Full	14.46	14.47	15.54	15.46	23.75		29.75		23.98		2.55	2.545
HE20	MCS0	2	144	5720	26/8	13.55	13.34	14.63	14.26	23.71		29.71		23.98		4.52	4.5
HE20	MCS0	2	144	5720	52/40	13.57	13.38	14.70	14.45	23.66		29.66		23.98		4.49	4.49
HE20	MCS0	2	144	5720	106/54	13.55	13.55	14.67	14.66	23.64		29.64		23.98		4.57	4.575
HE40	MCS0	2	142	5710	Full	33.69	33.91	35.53	35.43	23.98		30.00		23.98		2.469	2.541
HE40	MCS0	2	142	5710	242/62	33.41	32.76	35.22	34.84	23.98		30.00		23.98		4.062	4.08
HE80	MCS0	2	138	5690	Full	73.57	73.46	77.24	76.63	23.98		30.00		23.98		2.504	2.52
HE80	MCS0	2	138	5690	484/66	73.40	73.15	89.62	89.88	23.98		30.00		23.98		4.12	4.104
6dB Bandwidth Limit ≥ 500kHz																Pass	

**Test Result of 26dB & 99% Occupied Bandwidth****MIMO <Ant. 6+7>****<802.11a>****Note:** The occupied channel bandwidth is maintained within the band of operation for all of the modulations.**<802.11ac VHT20>****Note:** The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

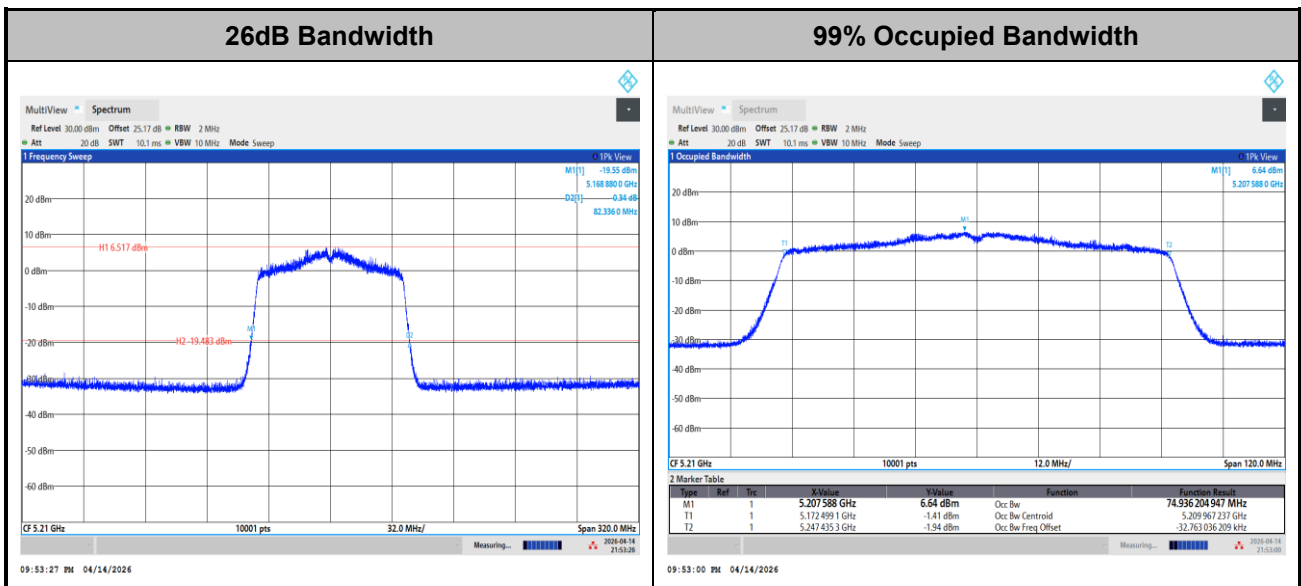


<802.11ac VHT40>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

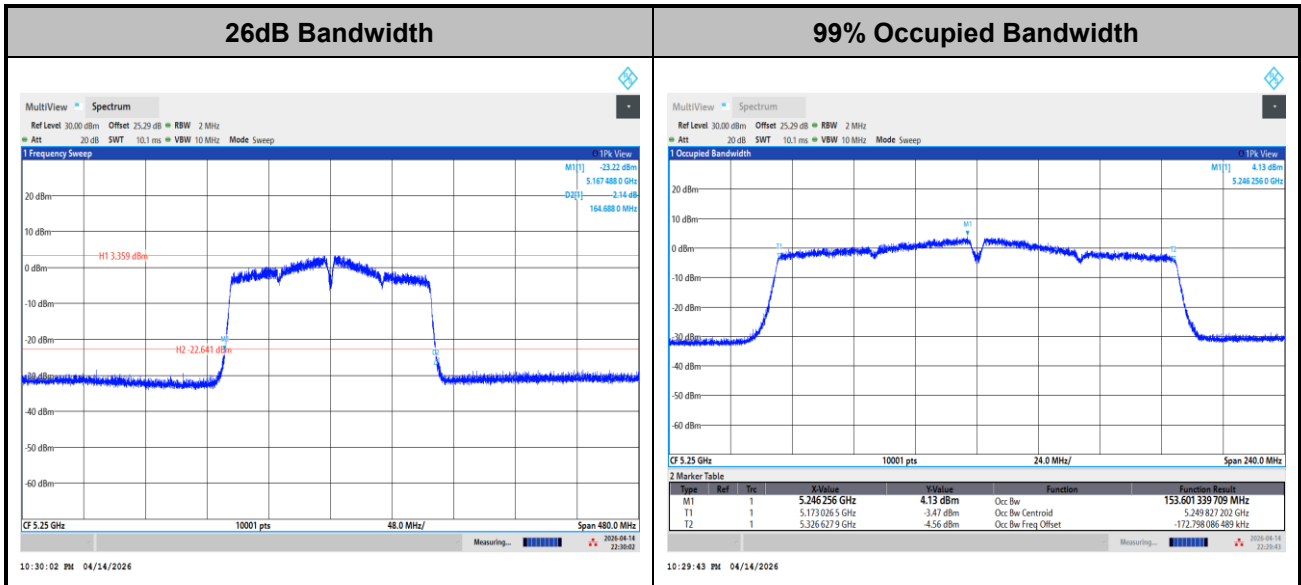
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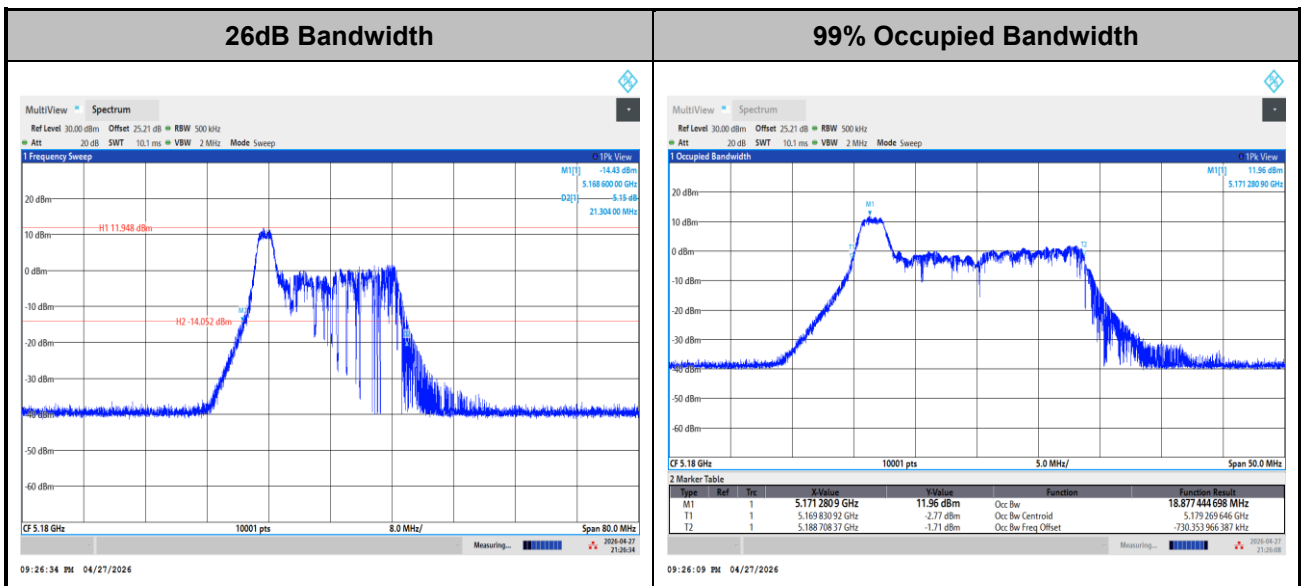
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



<802.11ac VHT160>

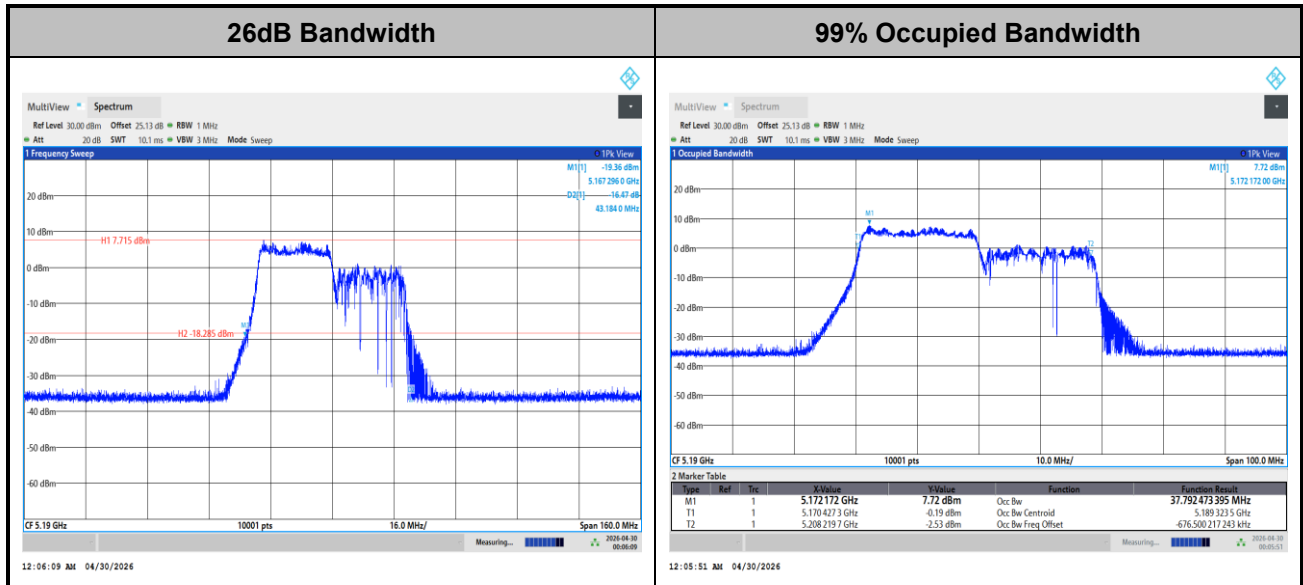


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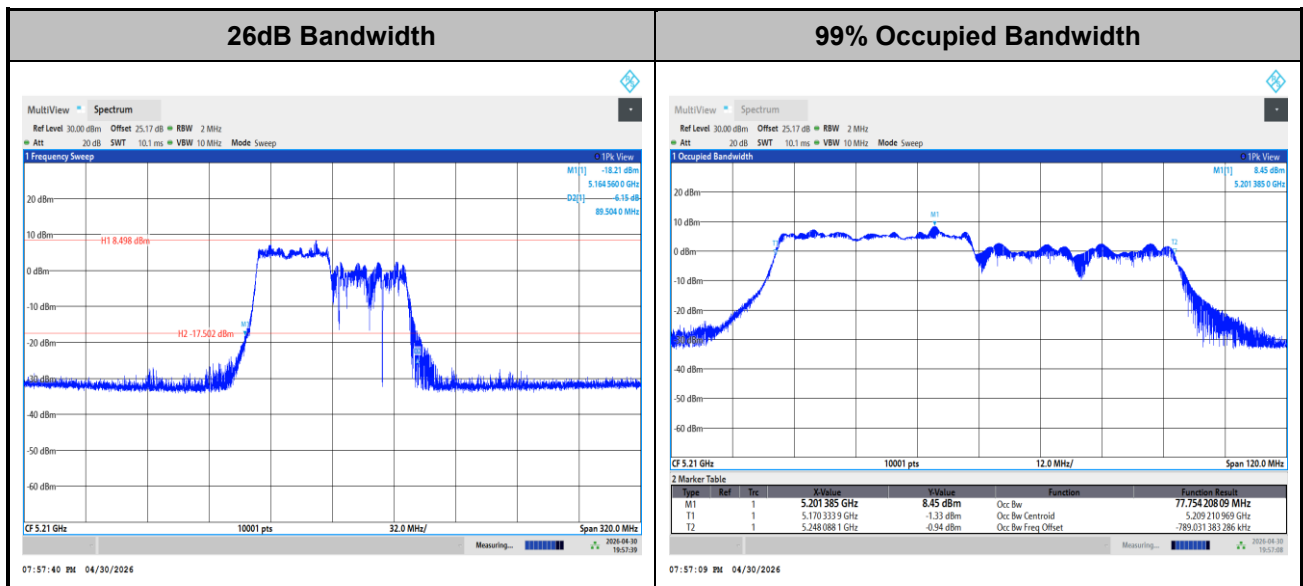




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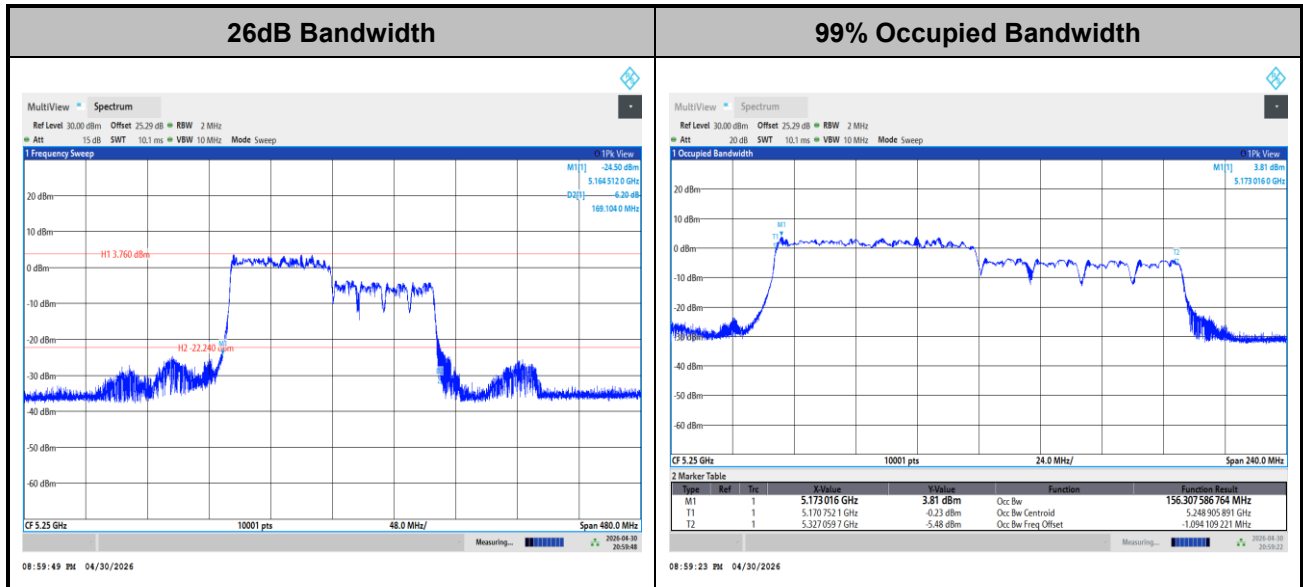


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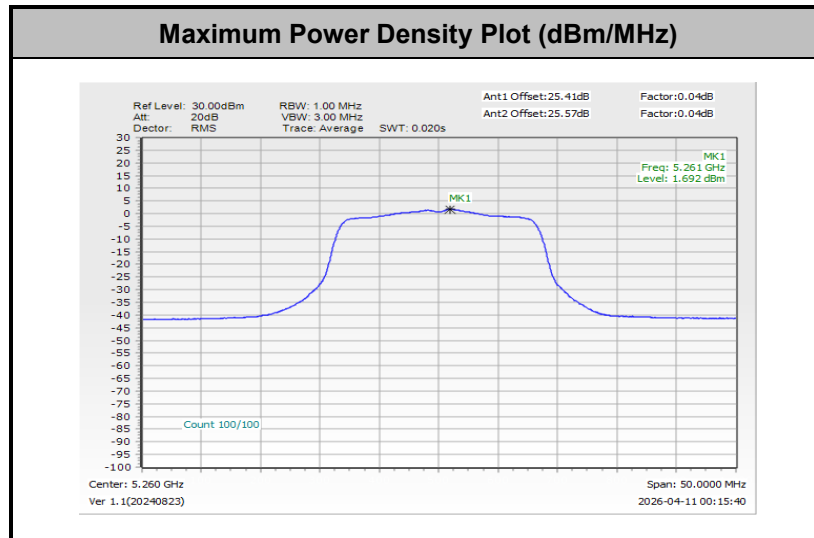
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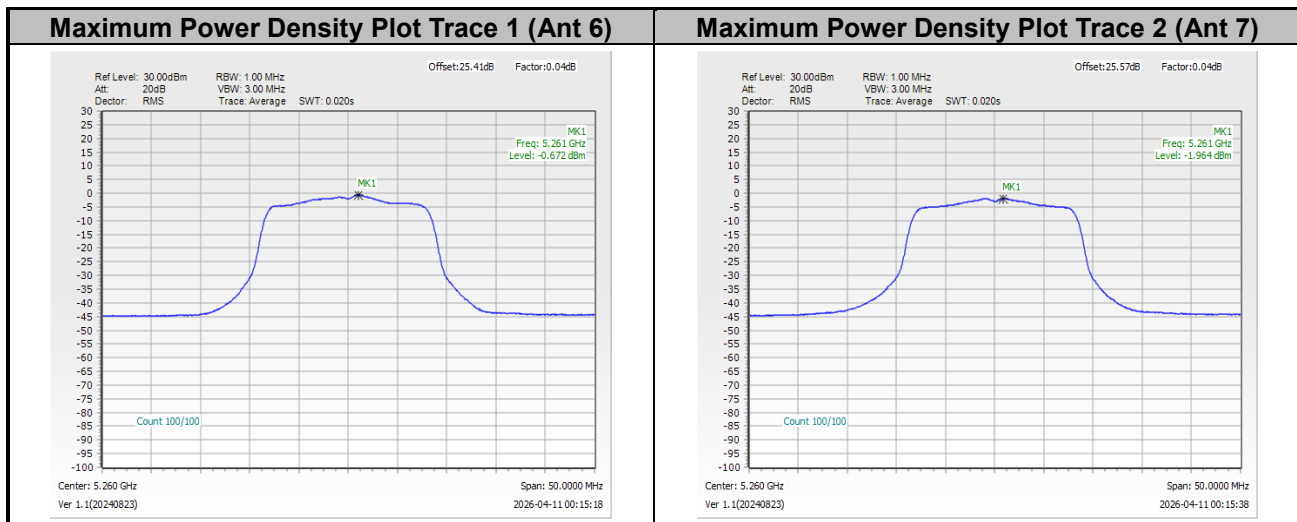
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

**Test Result of Power Spectral Density**

<802.11a>

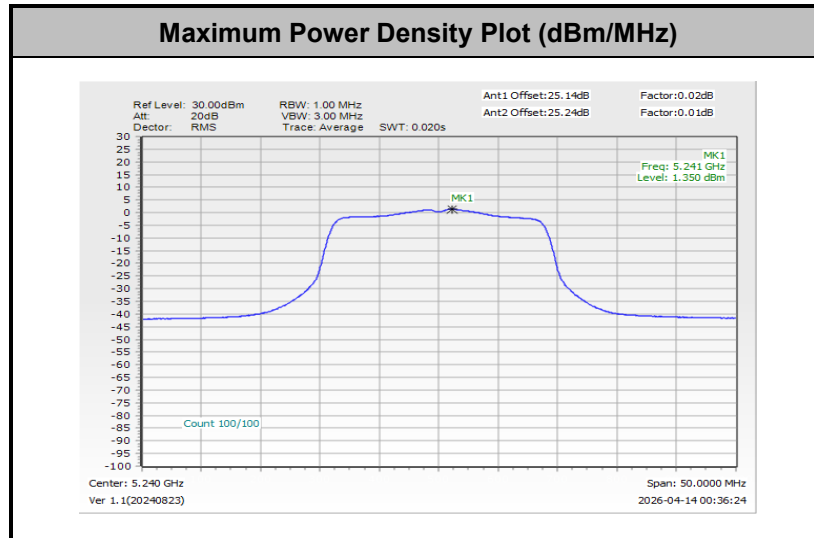


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

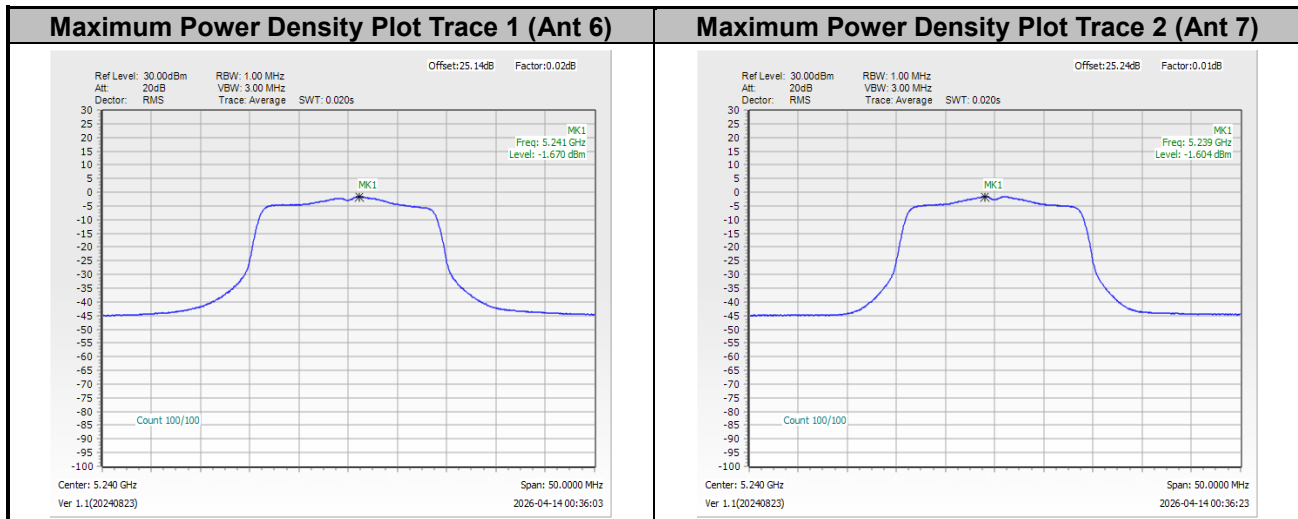




<802.11ac VHT20>

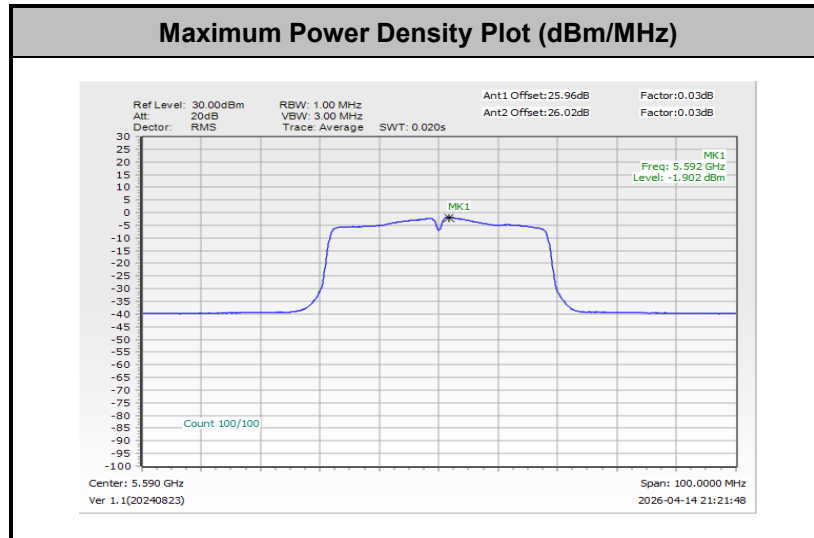


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

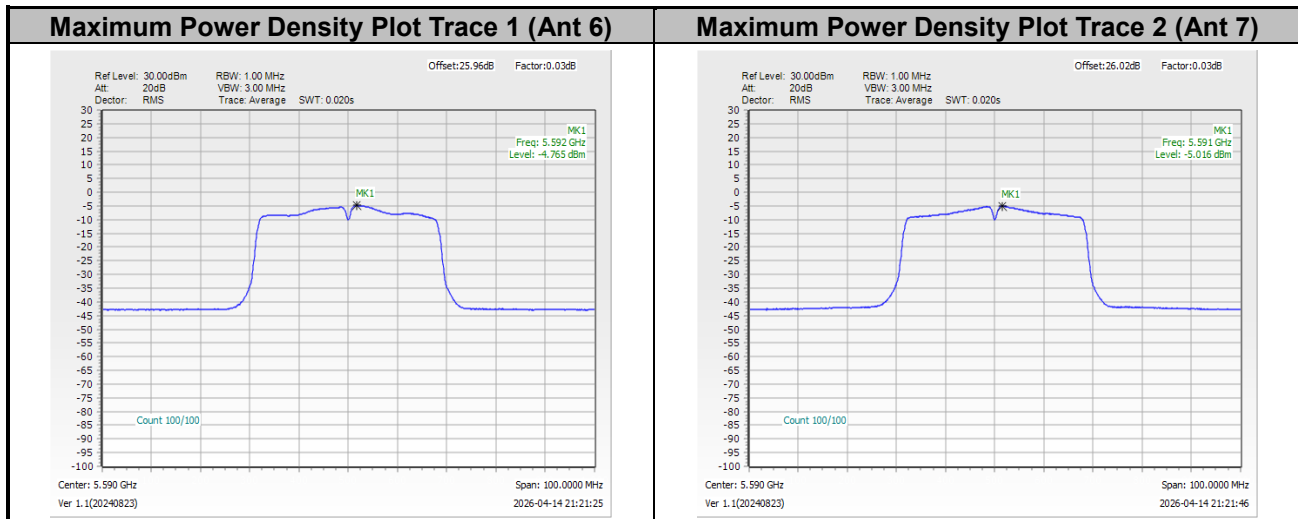




<802.11ac VHT40>

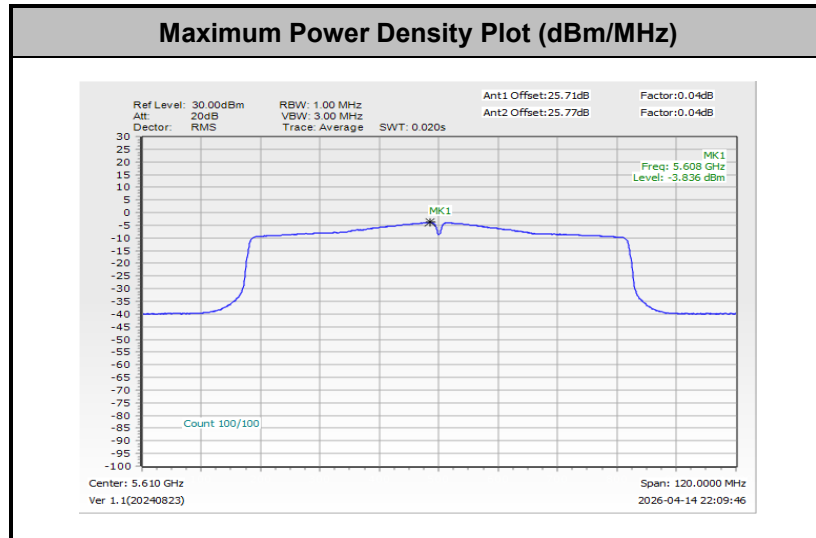


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

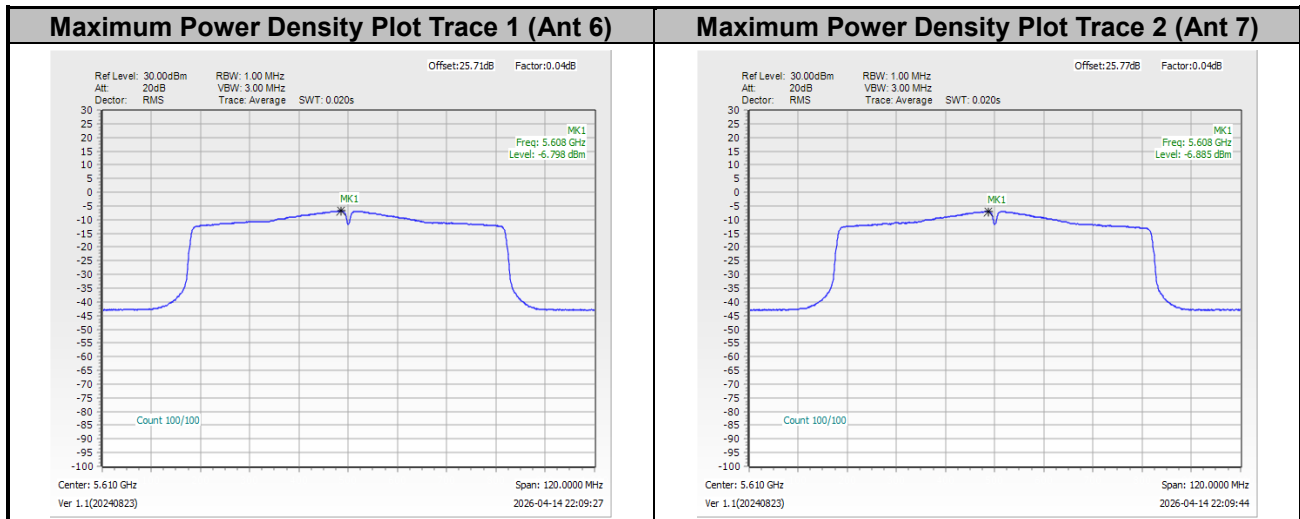




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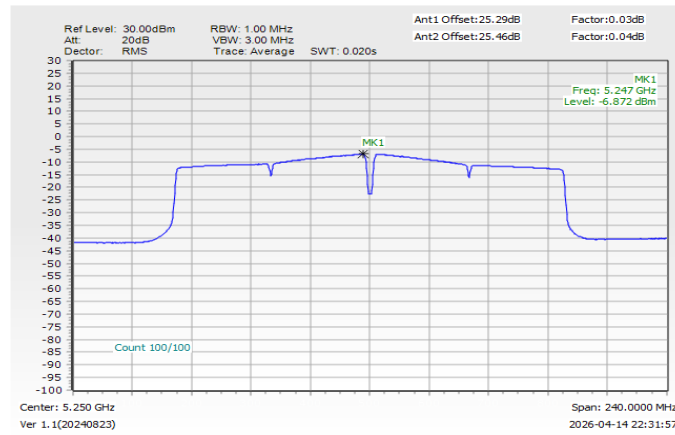
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.





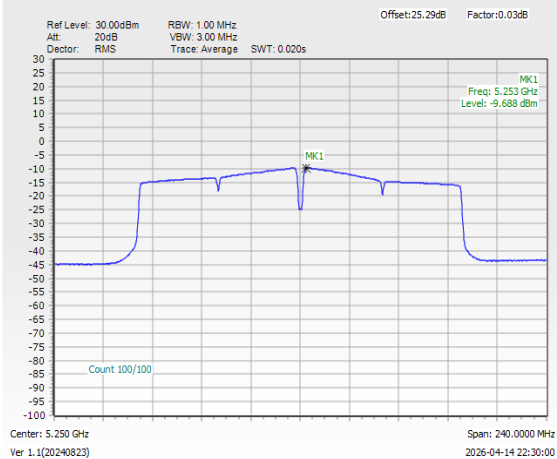
<802.11ac VHT160>

Maximum Power Density Plot (dBm/MHz)

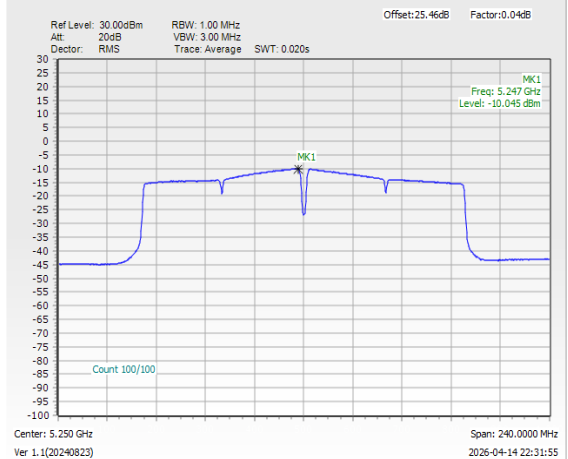


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)

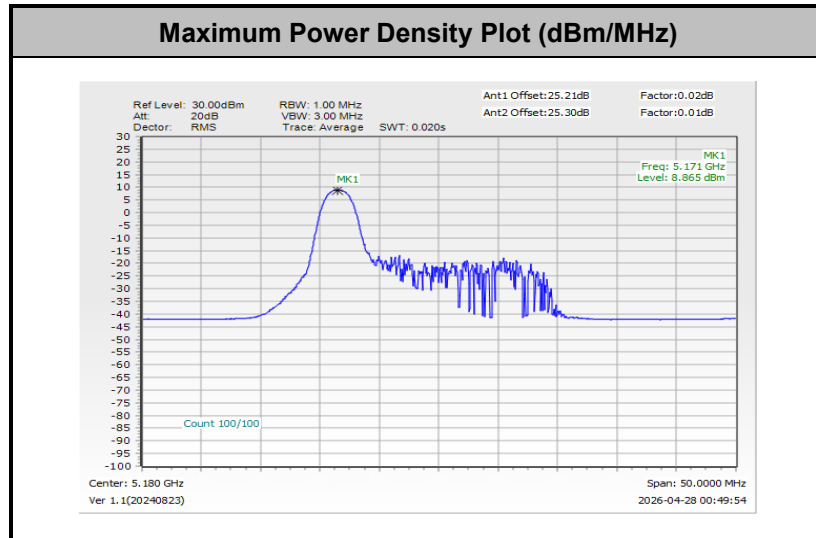


Maximum Power Density Plot Trace 2 (Ant 7)

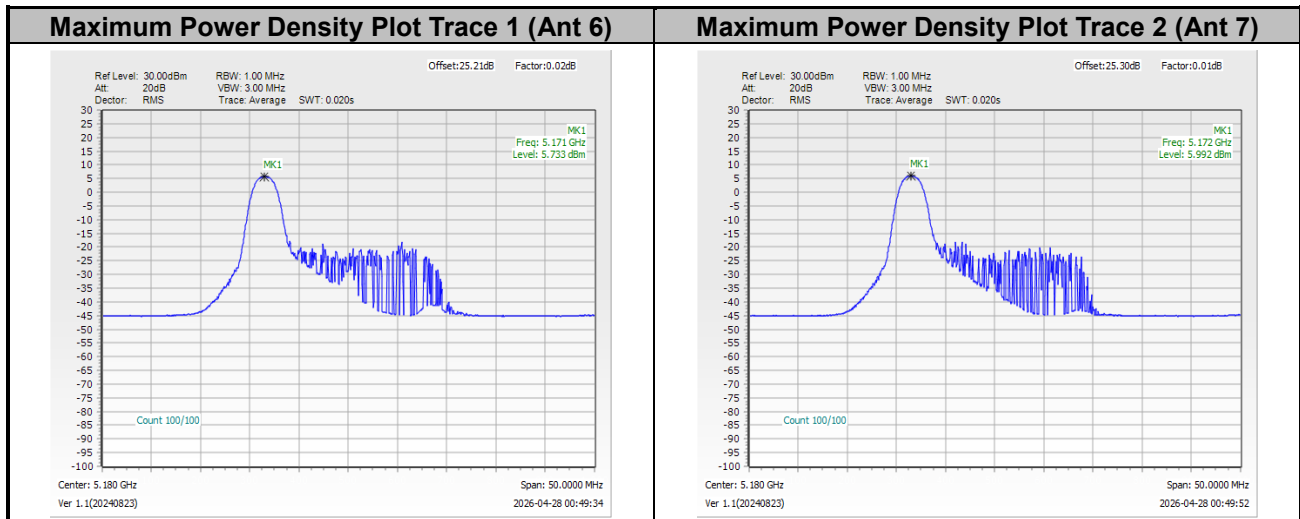




<802.11ax HE20>

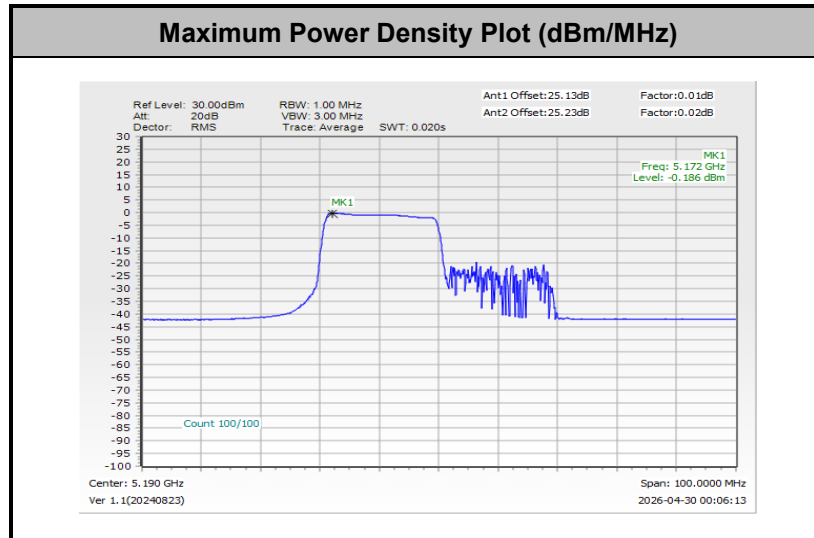


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

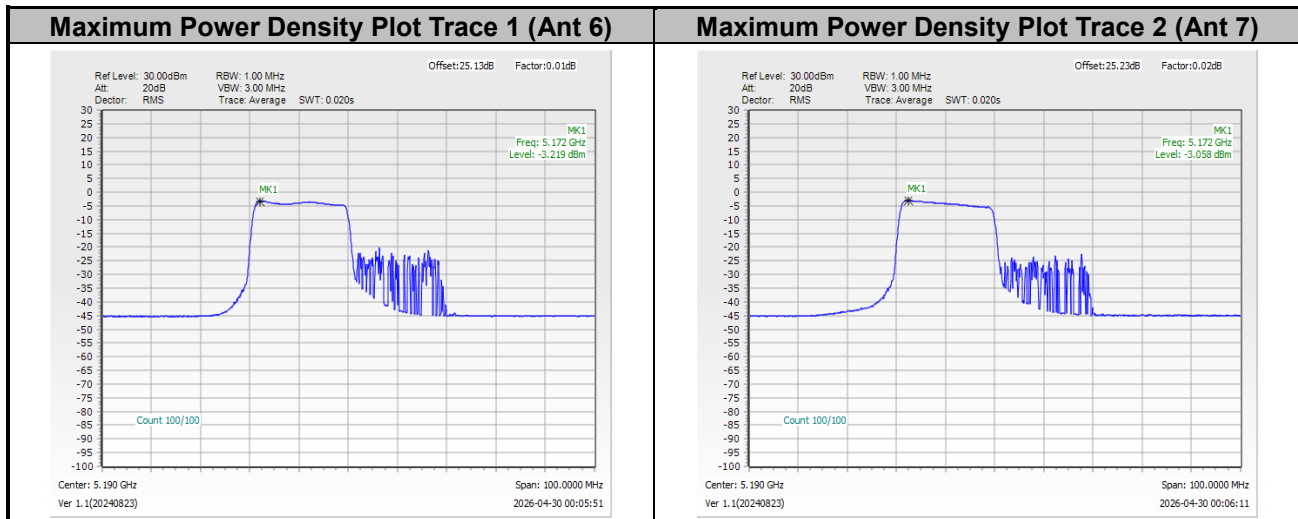




<802.11ax HE40>



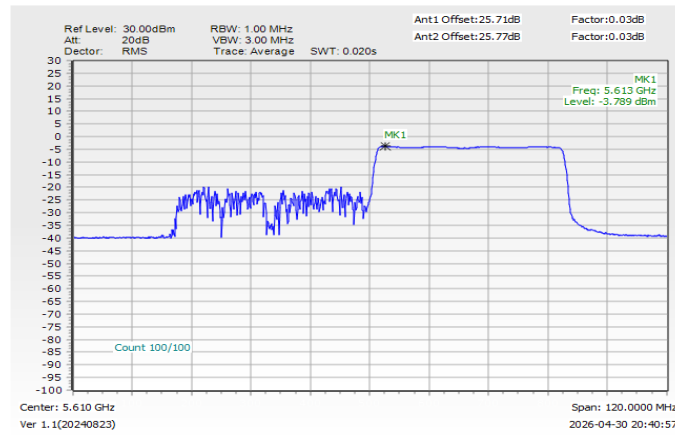
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.





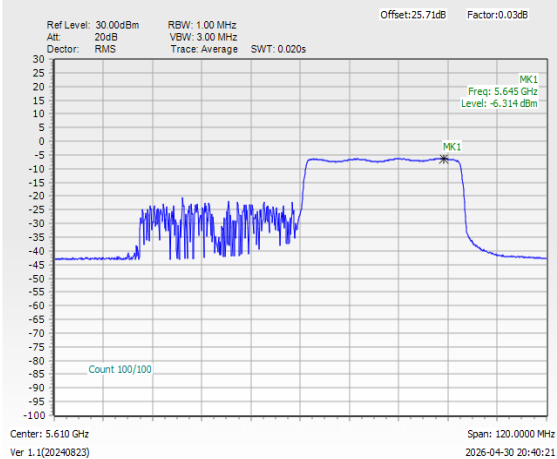
<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

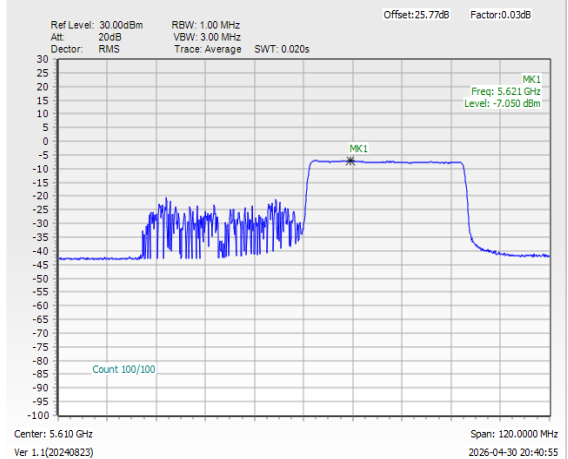


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)



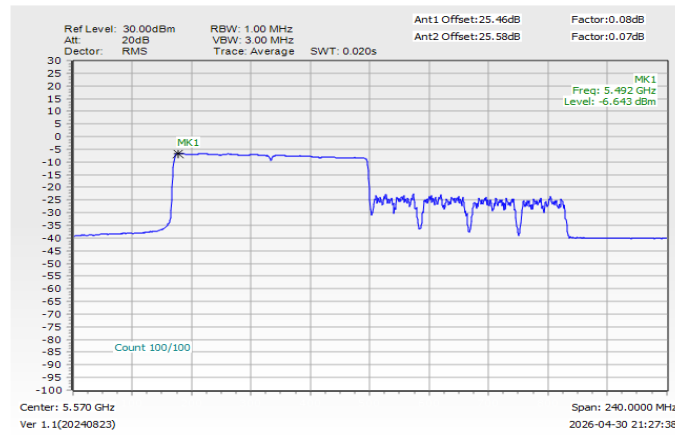
Maximum Power Density Plot Trace 2 (Ant 7)





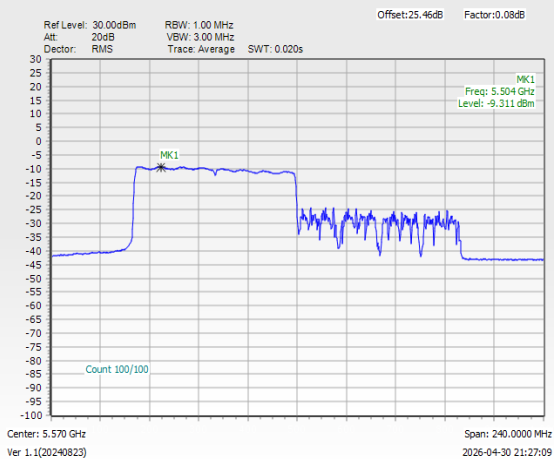
<802.11ax HE160>

Maximum Power Density Plot (dBm/MHz)

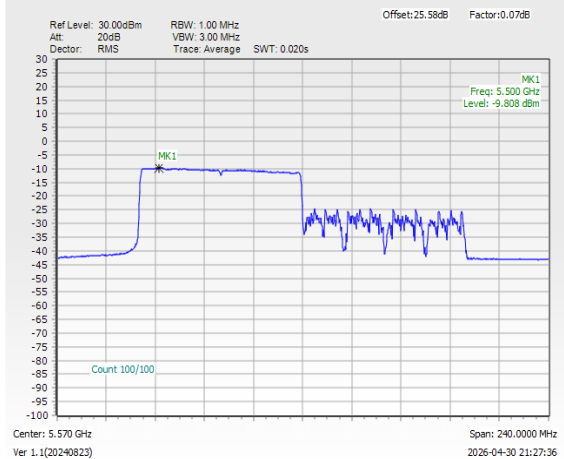


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)



Maximum Power Density Plot Trace 2 (Ant 7)





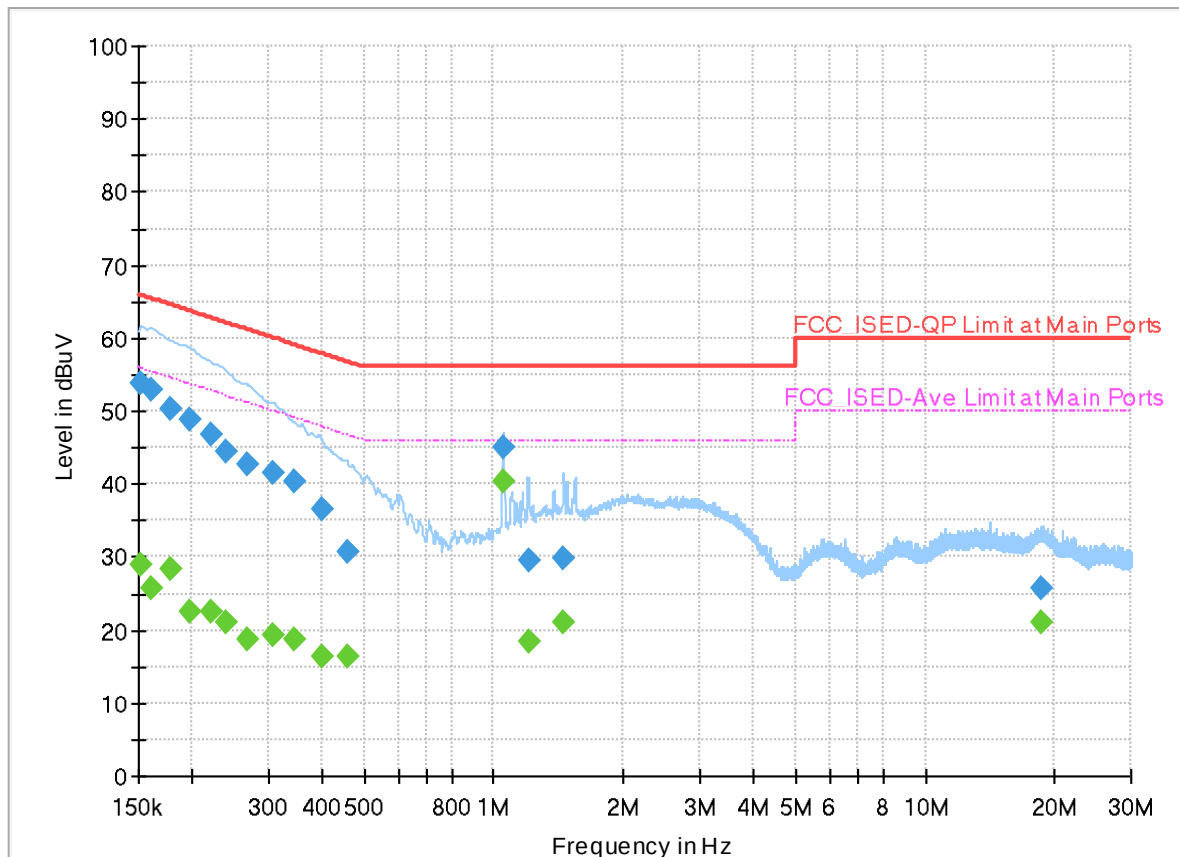
Appendix B. AC Conducted Emission Test Results

Test Engineer:	Brian Chen	Temperature:	23~26 °C
		Relative Humidity:	45~55 %

EUT Information

Report NO : 620304
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



Final Result

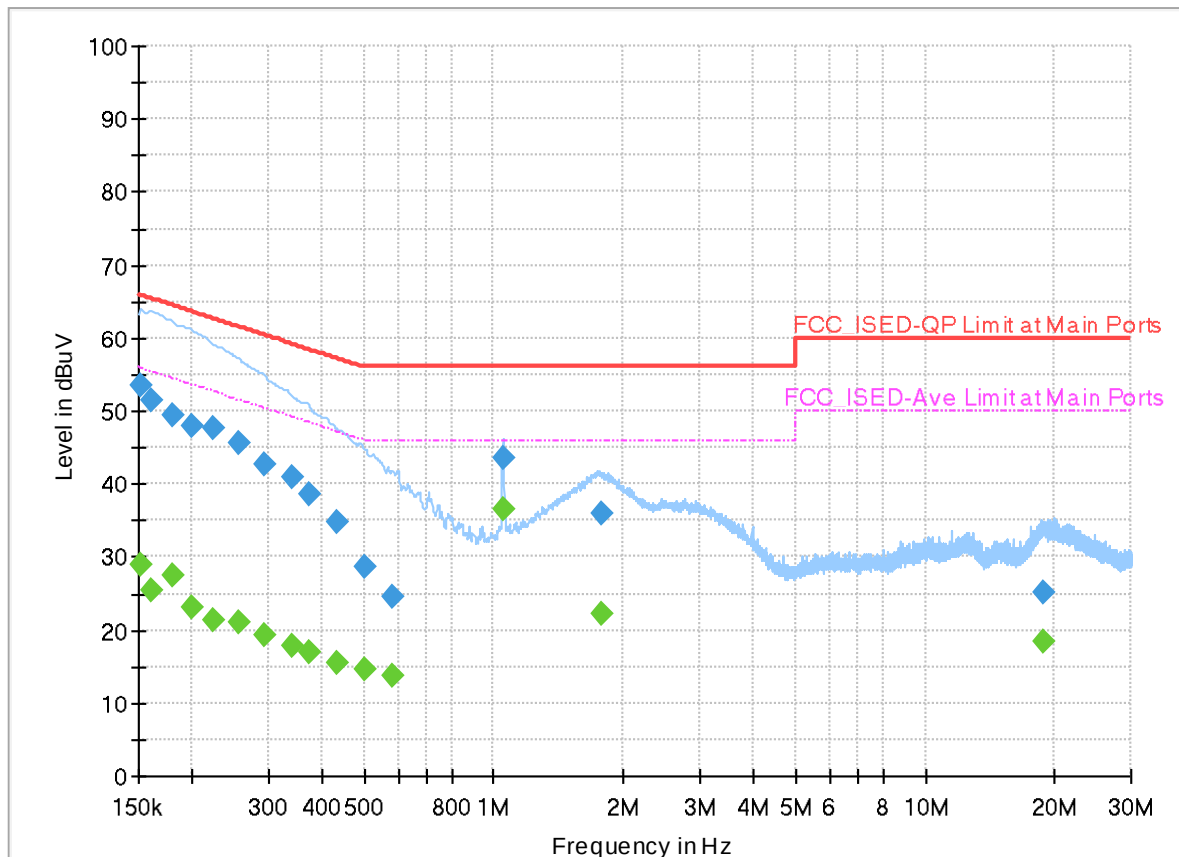
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.95	55.88	26.93	L1	ON	20.1
0.152250	53.68	---	65.88	12.20	L1	ON	20.1
0.161250	---	25.72	55.40	29.68	L1	ON	20.1
0.161250	53.07	---	65.40	12.33	L1	ON	20.1
0.177000	---	28.38	54.63	26.25	L1	ON	20.1
0.177000	50.33	---	64.63	14.30	L1	ON	20.1
0.197250	---	22.57	53.73	31.16	L1	ON	20.1
0.197250	48.79	---	63.73	14.94	L1	ON	20.1
0.219750	---	22.52	52.83	30.31	L1	ON	20.1
0.219750	46.84	---	62.83	15.99	L1	ON	20.1
0.240000	---	21.01	52.10	31.09	L1	ON	20.1
0.240000	44.53	---	62.10	17.57	L1	ON	20.1
0.267000	---	18.84	51.21	32.37	L1	ON	20.1
0.267000	42.73	---	61.21	18.48	L1	ON	20.1
0.307500	---	19.18	50.04	30.86	L1	ON	20.0
0.307500	41.40	---	60.04	18.64	L1	ON	20.0
0.345750	---	18.80	49.06	30.26	L1	ON	20.0
0.345750	40.28	---	59.06	18.78	L1	ON	20.0
0.397500	---	16.24	47.91	31.67	L1	ON	20.0

0.397500	36.57	---	57.91	21.34	L1	ON	20.0
0.456000	---	16.43	46.77	30.34	L1	ON	20.0
0.456000	30.60	---	56.77	26.17	L1	ON	20.0
1.050000	---	40.22	46.00	5.78	L1	ON	20.0
1.050000	44.96	---	56.00	11.04	L1	ON	20.0
1.203000	---	18.46	46.00	27.54	L1	ON	20.0
1.203000	29.45	---	56.00	26.55	L1	ON	20.0
1.448250	---	20.91	46.00	25.09	L1	ON	20.0
1.448250	29.88	---	56.00	26.12	L1	ON	20.0
18.629250	---	21.08	50.00	28.92	L1	ON	20.8
18.629250	25.84	---	60.00	34.16	L1	ON	20.8

EUT Information

Report NO : 620304
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.01	55.88	26.87	N	ON	20.1
0.152250	53.55	---	65.88	12.33	N	ON	20.1
0.161250	---	25.33	55.40	30.07	N	ON	20.1
0.161250	51.38	---	65.40	14.02	N	ON	20.1
0.179250	---	27.37	54.52	27.15	N	ON	20.1
0.179250	49.31	---	64.52	15.21	N	ON	20.1
0.199500	---	23.21	53.63	30.42	N	ON	20.1
0.199500	47.89	---	63.63	15.74	N	ON	20.1
0.224250	---	21.44	52.66	31.22	N	ON	20.1
0.224250	47.62	---	62.66	15.04	N	ON	20.1
0.255750	---	21.12	51.57	30.45	N	ON	20.1
0.255750	45.74	---	61.57	15.83	N	ON	20.1
0.294000	---	19.38	50.41	31.03	N	ON	20.0
0.294000	42.61	---	60.41	17.80	N	ON	20.0
0.341250	---	17.83	49.17	31.34	N	ON	20.0
0.341250	41.03	---	59.17	18.14	N	ON	20.0
0.375000	---	16.93	48.39	31.46	N	ON	20.0
0.375000	38.70	---	58.39	19.69	N	ON	20.0
0.433500	---	15.56	47.19	31.63	N	ON	20.0

0.433500	34.93	---	57.19	22.26	N	ON	20.0
0.503250	---	14.51	46.00	31.49	N	ON	20.0
0.503250	28.56	---	56.00	27.44	N	ON	20.0
0.582000	---	13.71	46.00	32.29	N	ON	20.0
0.582000	24.69	---	56.00	31.31	N	ON	20.0
1.050000	---	36.57	46.00	9.43	N	ON	20.0
1.050000	43.60	---	56.00	12.40	N	ON	20.0
1.776750	---	22.12	46.00	23.88	N	ON	20.0
1.776750	35.96	---	56.00	20.04	N	ON	20.0
18.795750	---	18.32	50.00	31.68	N	ON	20.8
18.795750	25.28	---	60.00	34.72	N	ON	20.8



Appendix C. Radiated Spurious Emission Test Data

Test Engineer:	Jesse Wang, Stan Hsieh, Ken Wu	Temperature:	18.2~21.3°C
		Relative Humidity:	56.4~68.6%

Note symbol

-L	Low channel location
-R	High channel location

C1. Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	6+7	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	6+7	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	6+7	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	6+7	802.11ax HE20	36	5180	MCS0	Full RU	-
Mode 5	U-NII-1	5.15-5.25	6+7	802.11ax HE20	44	5220	MCS0	Full RU	-
Mode 6	U-NII-1	5.15-5.25	6+7	802.11ax HE20	48	5240	MCS0	Full RU	-
Mode 7	U-NII-1	5.15-5.25	6+7	802.11ax HE40	38	5190	MCS0	Full RU	-
Mode 8	U-NII-1	5.15-5.25	6+7	802.11ax HE40	46	5230	MCS0	Full RU	-
Mode 9	U-NII-1	5.15-5.25	6+7	802.11ax HE80	42	5210	MCS0	Full RU	-
Mode 10	U-NII-1	5.15-5.25	6+7	802.11ax HE160	50	5250	MCS0	Full RU	-
Mode 11	U-NII-1	5.15-5.25	6+7	802.11ax HE20	36	5180	MCS0	Partial RU 106/53	-
Mode 12	U-NII-1	5.15-5.25	6+7	802.11ax HE40	38	5190	MCS0	Partial RU 242/61	-
Mode 13	U-NII-1	5.15-5.25	6+7	802.11ax HE80	42	5210	MCS0	Partial RU 484/65	-
Mode 14	U-NII-1	5.15-5.25	6+7	802.11ax HE160	50	5250	MCS0	Partial RU 996/67	-
Mode 15	U-NII-1	5.15-5.25	6+7	802.11ax HE160	50	5250	MCS0	Partial RU 996/68	-
Mode 16	U-NII-1	5.15-5.25	6+7	802.11ac VHT20	36	5180	MCS0	-	-
Mode 17	U-NII-1	5.15-5.25	6+7	802.11ac VHT40	38	5190	MCS0	-	-
Mode 18	U-NII-1	5.15-5.25	6+7	802.11ac VHT80	42	5210	MCS0	-	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 19	U-NII-1	5.15-5.25	6+7	802.11ac VHT160	50	5250	MCS0	-	-
Mode 20	U-NII-2A	5.25-5.35	6+7	802.11a	52	5260	6Mbps	-	-
Mode 21	U-NII-2A	5.25-5.35	6+7	802.11a	60	5300	6Mbps	-	-
Mode 22	U-NII-2A	5.25-5.35	6+7	802.11a	64	5320	6Mbps	-	-
Mode 23	U-NII-2A	5.25-5.35	6+7	802.11ax HE20	52	5260	MCS0	Full RU	-
Mode 24	U-NII-2A	5.25-5.35	6+7	802.11ax HE20	60	5300	MCS0	Full RU	-
Mode 25	U-NII-2A	5.25-5.35	6+7	802.11ax HE20	64	5320	MCS0	Full RU	-
Mode 26	U-NII-2A	5.25-5.35	6+7	802.11ax HE40	54	5270	MCS0	Full RU	-
Mode 27	U-NII-2A	5.25-5.35	6+7	802.11ax HE40	62	5310	MCS0	Full RU	-
Mode 28	U-NII-2A	5.25-5.35	6+7	802.11ax HE80	58	5290	MCS0	Full RU	-
Mode 29	U-NII-2A	5.25-5.35	6+7	802.11ax HE20	64	5320	MCS0	Partial RU 106/54	-
Mode 30	U-NII-2A	5.25-5.35	6+7	802.11ax HE40	62	5310	MCS0	Partial RU 242/62	-
Mode 31	U-NII-2A	5.25-5.35	6+7	802.11ax HE80	58	5290	MCS0	Partial RU 484/66	-
Mode 32	U-NII-2A	5.25-5.35	6+7	802.11ac VHT20	64	5320	MCS0	-	-
Mode 33	U-NII-2A	5.25-5.35	6+7	802.11ac VHT40	62	5310	MCS0	-	-
Mode 34	U-NII-2A	5.25-5.35	6+7	802.11ac VHT80	58	5290	MCS0	-	-
Mode 35	U-NII-2C	5.47-5.725	6+7	802.11a	100	5500	6Mbps	-	-
Mode 36	U-NII-2C	5.47-5.725	6+7	802.11a	120	5600	6Mbps	-	-
Mode 37	U-NII-2C	5.47-5.725	6+7	802.11a	140	5700	6Mbps	-	-
Mode 38	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	100	5500	MCS0	Full RU	-
Mode 39	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	120	5600	MCS0	Full RU	-
Mode 40	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	140	5700	MCS0	Full RU	-
Mode 41	U-NII-2C	5.47-5.725	6+7	802.11ax HE40	102	5510	MCS0	Full RU	-
Mode 42	U-NII-2C	5.47-5.725	6+7	802.11ax HE40	118	5590	MCS0	Full RU	-
Mode 43	U-NII-2C	5.47-5.725	6+7	802.11ax HE40	134	5670	MCS0	Full RU	-
Mode 44	U-NII-2C	5.47-5.725	6+7	802.11ax HE80	106	5530	MCS0	Full RU	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 45	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	140	5700	MCS0	Partial RU 106/54	-
Mode 46	U-NII-2C	5.47-5.725	6+7	802.11ax HE40	102	5510	MCS0	Partial RU 242/61	-
Mode 47	U-NII-2C	5.47-5.725	6+7	802.11ax HE80	106	5530	MCS0	Partial RU 484/65	-
Mode 48	U-NII-2C	5.47-5.725	6+7	802.11ax HE160	114	5570	MCS0	Partial RU 996/67	-
Mode 49	U-NII-2C	5.47-5.725	6+7	802.11a	144	5720	6Mbps	-	-
Mode 50	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	144	5720	MCS0	-	-
Mode 51	U-NII-2C	5.47-5.725	6+7	802.11ax HE40	142	5710	MCS0	-	-
Mode 52	U-NII-2C	5.47-5.725	6+7	802.11ax HE80	138	5690	MCS0	-	-
Mode 53	U-NII-2C	5.47-5.725	6+7	802.11ac VHT20	140	5700	MCS0	-	-
Mode 54	U-NII-2C	5.47-5.725	6+7	802.11ac VHT40	134	5670	MCS0	-	-
Mode 55	U-NII-2C	5.47-5.725	6+7	802.11ac VHT80	106	5530	MCS0	-	-
Mode 56	U-NII-1	5.15-5.25	6+7	802.11ax HE80	42	5210	MCS0	Partial RU 484/65	LF
Mode 57	U-NII-1	5.15-5.25	6+7	802.11ax HE80	42	5210	MCS0	Partial RU 484/65	SHF
Mode 75	U-NII-2C	5.47-5.725	6+7	802.11ax HE80	122	5610	MCS0	Full RU	-
Mode 76	U-NII-2C	5.47-5.725	6+7	802.11ax HE160	114	5570	MCS0	Full RU	-
Mode 77	U-NII-2C	5.47-5.725	6+7	802.11ac VHT80	122	5610	MCS0	-	-
Mode 78	U-NII-2C	5.47-5.725	6+7	802.11ac VHT160	114	5570	MCS0	-	-
Mode 79	U-NII-1	5.15-5.25	6+7	802.11ax HE20	36	5180	MCS0	Partial RU 26/0	-
Mode 80	U-NII-1	5.15-5.25	6+7	802.11ax HE20	36	5180	MCS0	Partial RU 52/37	-
Mode 81	U-NII-1	5.15-5.25	6+7	802.11ax HE20	44	5220	MCS0	Partial RU 106/53	-
Mode 82	U-NII-1	5.15-5.25	6+7	802.11ax HE20	48	5240	MCS0	Partial RU 106/54	-
Mode 83	U-NII-2A	5.25-5.35	6+7	802.11ax HE20	52	5260	MCS0	Partial RU 106/53	-
Mode 84	U-NII-2A	5.25-5.35	6+7	802.11ax HE20	60	5300	MCS0	Partial RU 106/53	-
Mode 85	U-NII-2A	5.25-5.35	6+7	802.11ax HE20	64	5320	MCS0	Partial RU 26/8	-
Mode 86	U-NII-2A	5.25-5.35	6+7	802.11ax HE20	64	5320	MCS0	Partial RU 52/40	-
Mode 87	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	100	5500	MCS0	Partial RU 26/0	-
Mode 88	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	100	5500	MCS0	Partial RU 52/37	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 89	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	100	5500	MCS0	Partial RU 106/53	-
Mode 90	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	120	5600	MCS0	Partial RU 106/53	-
Mode 91	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	140	5700	MCS0	Partial RU 26/8	-
Mode 92	U-NII-2C	5.47-5.725	6+7	802.11ax HE20	140	5700	MCS0	Partial RU 52/40	-

C2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5147.78	33.04	54.00	-20.96	V	Avg.	Pass	-	Band Edge
	802.11a	36	10360.00	45.53	68.20	-22.67	H	Peak	Pass	-	Harmonic
2	802.11a	44	5064.46	33.16	54.00	-20.84	H	Avg.	Pass	-	Band Edge
	802.11a	44	10440.00	45.64	68.20	-22.56	H	Peak	Pass	-	Harmonic
3	802.11a	48	5061.92	33.04	54.00	-20.96	H	Avg.	Pass	-	Band Edge
	802.11a	48	10480.00	45.04	68.20	-23.16	H	Peak	Pass	-	Harmonic
4	802.11ax HE20	36	5147.96	33.34	54.00	-20.66	V	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	36	10360.00	45.53	68.20	-22.67	H	Peak	Pass	Full RU	Harmonic
5	802.11ax HE20	44	5066.00	33.11	54.00	-20.89	V	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	44	10440.00	44.78	68.20	-23.42	V	Peak	Pass	Full RU	Harmonic
6	802.11ax HE20	48	5061.44	32.95	54.00	-21.05	V	Avg.	Pass	Full RU	Band Edge
6	802.11ax HE20	48	10480.00	44.62	68.20	-23.58	V	Peak	Pass	Full RU	Harmonic
7	802.11ax HE40	38	5149.91	33.67	54.00	-20.33	V	Avg.	Pass	Full RU	Band Edge
7	802.11ax HE40	38	10380.00	44.91	68.20	-23.29	H	Peak	Pass	Full RU	Harmonic
8	802.11ax HE40	46	5147.20	33.51	54.00	-20.49	H	Avg.	Pass	Full RU	Band Edge
8	802.11ax HE40	46	10460.00	44.64	68.20	-23.56	V	Peak	Pass	Full RU	Harmonic
9	802.11ax HE80	42	5148.05	34.56	54.00	-19.44	V	Avg.	Pass	Full RU	Band Edge
9	802.11ax HE80	42	10420.00	45.11	68.20	-23.09	V	Peak	Pass	Full RU	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
10	802.11ax HE160	50	5351.01	38.74	54.00	-15.26	H	Avg.	Pass	Full RU	Band Edge
10	802.11ax HE160	50	10500.00	45.04	68.20	-23.16	V	Peak	Pass	Full RU	Harmonic
11	802.11ax HE20	36	5147.60	34.93	54.00	-19.07	V	Avg.	Pass	Partial RU 106/53	Band Edge
11	802.11ax HE20	36	10360.00	48.71	68.20	-19.49	H	Peak	Pass	Partial RU 106/53	Harmonic
12	802.11ax HE40	38	5148.01	57.20	74.00	-16.80	H	Peak	Pass	Partial RU 242/61	Band Edge
12	802.11ax HE40	38	10380.00	47.95	68.20	-20.25	H	Peak	Pass	Partial RU 242/61	Harmonic
13	802.11ax HE80	42	5149.73	67.42	74.00	-6.58	H	Peak	Pass	Partial RU 484/65	Band Edge
13	802.11ax HE80	42	10420.00	46.59	68.20	-21.61	V	Peak	Pass	Partial RU 484/65	Harmonic
14	802.11ax HE160	50	5401.41	66.44	74.00	-7.56	H	Peak	Pass	Partial RU 996/67	Band Edge
14	802.11ax HE160	50	10500.00	46.27	68.20	-21.93	V	Peak	Pass	Partial RU 996/67	Harmonic
15	802.11ax HE160	50	5392.17	64.55	74.00	-9.45	H	Peak	Pass	Partial RU 996/68	Band Edge
15	802.11ax HE160	50	10500.00	46.88	68.20	-21.32	H	Peak	Pass	Partial RU 996/68	Harmonic
16	802.11ac VHT20	36	5147.60	33.79	54.00	-20.21	V	Avg.	Pass	-	Band Edge
16	802.11ac VHT20	36	10360.00	44.35	68.20	-23.85	H	Peak	Pass	-	Harmonic
17	802.11ac VHT40	38	5148.01	33.80	54.00	-20.20	V	Avg.	Pass	-	Band Edge
17	802.11ac VHT40	38	10380.00	44.93	68.20	-23.27	V	Peak	Pass	-	Harmonic
18	802.11ac VHT80	42	5148.05	34.47	54.00	-19.53	V	Avg.	Pass	-	Band Edge
18	802.11ac VHT80	42	10420.00	44.71	68.20	-23.49	V	Peak	Pass	-	Harmonic
19	802.11ac VHT160	50	5352.48	38.64	54.00	-15.36	V	Avg.	Pass	-	Band Edge
19	802.11ac VHT160	50	10500.00	46.02	68.20	-22.18	V	Peak	Pass	-	Harmonic
20	802.11a	52	5137.02	34.76	54.00	-19.24	H	Avg.	Pass	-	Band Edge
20	802.11a	52	10520.00	43.94	68.20	-24.26	H	Peak	Pass	-	Harmonic
21	802.11a	60	5350.40	34.24	54.00	-19.76	V	Avg.	Pass	-	Band Edge
21	802.11a	60	15900.00	47.36	74.00	-26.64	V	Peak	Pass	-	Harmonic
22	802.11a	64	5350.24	35.13	54.00	-18.87	V	Avg.	Pass	-	Band Edge
22	802.11a	64	15960.00	47.34	74.00	-26.66	V	Peak	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
23	802.11ax HE20	52	5145.86	34.08	54.00	-19.92	H	Avg.	Pass	Full RU	Band Edge
23	802.11ax HE20	52	10520.00	45.68	68.20	-22.52	H	Peak	Pass	Full RU	Harmonic
24	802.11ax HE20	60	5350.24	34.28	54.00	-19.72	H	Avg.	Pass	Full RU	Band Edge
24	802.11ax HE20	60	15900.00	47.13	74.00	-26.87	V	Peak	Pass	Full RU	Harmonic
25	802.11ax HE20	64	5350.94	34.89	54.00	-19.11	V	Avg.	Pass	Full RU	Band Edge
25	802.11ax HE20	64	15960.00	46.98	74.00	-27.02	H	Peak	Pass	Full RU	Harmonic
26	802.11ax HE40	54	5351.70	34.59	54.00	-19.41	V	Avg.	Pass	Full RU	Band Edge
26	802.11ax HE40	54	10540.00	45.55	68.20	-22.65	V	Peak	Pass	Full RU	Harmonic
27	802.11ax HE40	62	5350.05	37.18	54.00	-16.82	V	Avg.	Pass	Full RU	Band Edge
27	802.11ax HE40	62	15930.00	48.21	74.00	-25.79	H	Peak	Pass	Full RU	Harmonic
28	802.11ax HE80	58	5350.01	38.13	54.00	-15.87	V	Avg.	Pass	Full RU	Band Edge
28	802.11ax HE80	58	10580.00	45.51	68.20	-22.69	H	Peak	Pass	Full RU	Harmonic
29	802.11ax HE20	64	5350.24	34.90	54.00	-19.10	H	Avg.	Pass	Partial RU 106/54	Band Edge
29	802.11ax HE20	64	15960.00	48.85	74.00	-25.15	H	Peak	Pass	Partial RU 106/54	Harmonic
30	802.11ax HE40	62	5351.70	57.72	74.00	-16.28	H	Peak	Pass	Partial RU 242/62	Band Edge
30	802.11ax HE40	62	15930.00	49.88	74.00	-24.12	V	Peak	Pass	Partial RU 242/62	Harmonic
31	802.11ax HE80	58	5352.22	43.94	54.00	-10.06	H	Avg.	Pass	Partial RU 484/66	Band Edge
31	802.11ax HE80	58	10580.00	46.63	68.20	-21.57	H	Peak	Pass	Partial RU 484/66	Harmonic
32	802.11ac VHT20	64	5350.10	34.89	54.00	-19.11	V	Avg.	Pass	-	Band Edge
32	802.11ac VHT20	64	15960.00	48.01	74.00	-25.99	H	Peak	Pass	-	Harmonic
33	802.11ac VHT40	62	5350.05	35.53	54.00	-18.47	V	Avg.	Pass	-	Band Edge
33	802.11ac VHT40	62	15930.00	49.08	74.00	-24.92	H	Peak	Pass	-	Harmonic
34	802.11ac VHT80	58	5350.01	39.05	54.00	-14.95	V	Avg.	Pass	-	Band Edge
34	802.11ac VHT80	58	10580.00	45.55	68.20	-22.65	H	Peak	Pass	-	Harmonic
35	802.11a	100	5467.00	50.03	68.20	-18.17	H	Peak	Pass	-	Band Edge
35	802.11a	100	16500.00	49.71	68.20	-18.49	H	Peak	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
36	802.11a	120	5737.61	50.62	68.20	-17.58	H	Peak	Pass	-	Band Edge
36	802.11a	120	16800.00	51.86	68.20	-16.34	H	Peak	Pass	-	Harmonic
37	802.11a	140	5727.17	52.04	68.20	-16.16	H	Peak	Pass	-	Band Edge
37	802.11a	140	17100.00	49.27	68.20	-18.93	H	Peak	Pass	-	Harmonic
38	802.11ax HE20	100	5449.00	35.95	54.00	-18.05	H	Avg.	Pass	Full RU	Band Edge
38	802.11ax HE20	100	16500.00	50.27	68.20	-17.93	V	Peak	Pass	Full RU	Harmonic
39	802.11ax HE20	120	5742.40	49.95	68.20	-18.25	V	Peak	Pass	Full RU	Band Edge
39	802.11ax HE20	120	16800.00	51.89	68.20	-16.31	H	Peak	Pass	Full RU	Harmonic
40	802.11ax HE20	140	5752.07	51.13	68.20	-17.07	H	Peak	Pass	Full RU	Band Edge
40	802.11ax HE20	140	17100.00	50.11	68.20	-18.09	V	Peak	Pass	Full RU	Harmonic
41	802.11ax HE40	102	5743.58	50.30	68.20	-17.90	V	Peak	Pass	Full RU	Band Edge
41	802.11ax HE40	102	16530.00	51.75	68.20	-16.45	H	Peak	Pass	Full RU	Harmonic
42	802.11ax HE40	118	5762.55	49.92	68.20	-18.28	H	Peak	Pass	Full RU	Band Edge
42	802.11ax HE40	118	16770.00	51.82	68.20	-16.38	V	Peak	Pass	Full RU	Harmonic
43	802.11ax HE40	134	5754.55	50.17	68.20	-18.03	V	Peak	Pass	Full RU	Band Edge
43	802.11ax HE40	134	17010.00	51.88	68.20	-16.32	H	Peak	Pass	Full RU	Harmonic
44	802.11ax HE80	106	5459.62	36.92	54.00	-17.08	H	Avg.	Pass	Full RU	Band Edge
44	802.11ax HE80	106	16590.00	50.86	68.20	-17.34	H	Peak	Pass	Full RU	Harmonic
45	802.11ax HE20	140	5741.67	50.60	68.20	-17.60	H	Peak	Pass	Partial RU 106/54	Band Edge
45	802.11ax HE20	140	17100.00	50.52	68.20	-17.68	V	Peak	Pass	Partial RU 106/54	Harmonic
46	802.11ax HE40	102	5461.68	56.55	68.20	-11.65	H	Peak	Pass	Partial RU 242/61	Band Edge
46	802.11ax HE40	102	16530.00	49.87	68.20	-18.33	V	Peak	Pass	Partial RU 242/61	Harmonic
47	802.11ax HE80	106	5468.44	59.02	68.20	-9.18	H	Peak	Pass	Partial RU 484/65	Band Edge
47	802.11ax HE80	106	16590.00	50.41	68.20	-17.79	V	Peak	Pass	Partial RU 484/65	Harmonic
48	802.11ax HE160	114	5726.98	58.30	68.20	-9.90	H	Peak	Pass	Partial RU 996/67	Band Edge
48	802.11ax HE160	114	16710.00	51.35	68.20	-16.85	V	Peak	Pass	Partial RU 996/67	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
49	802.11a	144	5906.00	50.97	68.20	-17.23	V	Peak	Pass	-	Band Edge
49	802.11a	144	17160.00	49.46	68.20	-18.74	H	Peak	Pass	-	Harmonic
50	802.11ax HE20	144	5920.75	51.26	68.20	-16.94	H	Peak	Pass	-	Band Edge
50	802.11ax HE20	144	17160.00	49.22	68.20	-18.98	V	Peak	Pass	-	Harmonic
51	802.11ax HE40	142	5941.00	50.92	68.20	-17.28	H	Peak	Pass	-	Band Edge
51	802.11ax HE40	142	17130.00	50.21	68.20	-17.99	H	Peak	Pass	-	Harmonic
52	802.11ax HE80	138	5905.60	49.26	68.20	-18.94	H	Peak	Pass	-	Band Edge
52	802.11ax HE80	138	17070.00	50.38	68.20	-17.82	V	Peak	Pass	-	Harmonic
53	802.11ac VHT20	140	5737.38	50.37	68.20	-17.83	V	Peak	Pass	-	Band Edge
53	802.11ac VHT20	140	17100.00	48.83	68.20	-19.37	H	Peak	Pass	-	Harmonic
54	802.11ac VHT40	134	5732.70	50.55	68.20	-17.65	H	Peak	Pass	-	Band Edge
54	802.11ac VHT40	134	17010.00	50.47	68.20	-17.73	H	Peak	Pass	-	Harmonic
55	802.11ac VHT80	106	5751.61	49.41	68.20	-18.79	V	Peak	Pass	-	Band Edge
55	802.11ac VHT80	106	16590.00	50.55	68.20	-17.65	H	Peak	Pass	-	Harmonic
56	LF	42	41.64	30.70	40.00	-9.30	V	Peak	Pass	-	LF
57	SHF	42	39954.37	44.96	74.00	-29.04	V	Peak	Pass	-	SHF
75	802.11ax HE80	122	5459.98	40.23	54.00	-13.77	H	Avg.	Pass	Full RU	Band Edge
75	802.11ax HE80	122	16830.00	52.08	68.20	-16.12	V	Peak	Pass	Full RU	Harmonic
76	802.11ax HE160	114	5456.48	40.71	54.00	-13.29	H	Avg.	Pass	Full RU	Band Edge
76	802.11ax HE160	114	16710.00	51.28	68.20	-16.92	V	Peak	Pass	Full RU	Harmonic
77	802.11ac VHT80	122	5459.46	40.39	54.00	-13.61	V	Avg.	Pass	-	Band Edge
77	802.11ac VHT80	122	16830.00	51.81	68.20	-16.39	V	Peak	Pass	-	Harmonic
78	802.11ac VHT160	114	5414.90	40.97	54.00	-13.03	V	Avg.	Pass	-	Band Edge
78	802.11ac VHT160	114	16710.00	51.87	68.20	-16.33	V	Peak	Pass	-	Harmonic
79	802.11ax HE20	36	5138.60	41.03	54.00	-12.97	H	Avg.	Pass	Partial RU 26/0	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
79	802.11ax HE20	36	10360.00	46.34	68.20	-21.86	H	Peak	Pass	Partial RU 26/0	Harmonic
80	802.11ax HE20	36	5149.58	40.86	54.00	-13.14	V	Avg.	Pass	Partial RU 52/37	Band Edge
80	802.11ax HE20	36	10360.00	42.59	54.00	-11.41	H	Avg.	Pass	Partial RU 52/37	Harmonic
81	802.11ax HE20	44	5148.94	40.78	54.00	-13.22	H	Avg.	Pass	Partial RU 106/53	Band Edge
81	802.11ax HE20	44	10440.00	39.51	54.00	-14.49	H	Avg.	Pass	Partial RU 106/53	Harmonic
82	802.11ax HE20	48	5148.32	40.77	54.00	-13.23	H	Avg.	Pass	Partial RU 106/54	Band Edge
82	802.11ax HE20	48	10480.00	45.37	68.20	-22.83	H	Peak	Pass	Partial RU 106/54	Harmonic
83	802.11ax HE20	52	5143.00	40.76	54.00	-13.24	V	Avg.	Pass	Partial RU 106/53	Band Edge
83	802.11ax HE20	52	10520.00	46.72	68.20	-21.48	H	Peak	Pass	Partial RU 106/53	Harmonic
84	802.11ax HE20	60	5138.90	40.77	54.00	-13.23	H	Avg.	Pass	Partial RU 106/53	Band Edge
84	802.11ax HE20	60	15900.00	49.31	74.00	-24.69	H	Peak	Pass	Partial RU 106/53	Harmonic
85	802.11ax HE20	64	5361.58	40.70	54.00	-13.30	H	Avg.	Pass	Partial RU 26/8	Band Edge
85	802.11ax HE20	64	15960.00	48.98	74.00	-25.02	H	Peak	Pass	Partial RU 26/8	Harmonic
86	802.11ax HE20	64	5350.38	40.68	54.00	-13.32	H	Avg.	Pass	Partial RU 52/40	Band Edge
86	802.11ax HE20	64	15960.00	48.70	74.00	-25.30	H	Peak	Pass	Partial RU 52/40	Harmonic
87	802.11ax HE20	100	5457.10	40.55	54.00	-13.45	V	Avg.	Pass	Partial RU 26/0	Band Edge
87	802.11ax HE20	100	16500.00	50.05	68.20	-18.15	V	Peak	Pass	Partial RU 26/0	Harmonic
88	802.11ax HE20	100	5452.60	40.63	54.00	-13.37	H	Avg.	Pass	Partial RU 52/37	Band Edge
88	802.11ax HE20	100	16500.00	51.09	68.20	-17.11	V	Peak	Pass	Partial RU 52/37	Harmonic
89	802.11ax HE20	100	5458.15	40.53	54.00	-13.47	H	Avg.	Pass	Partial RU 106/53	Band Edge
89	802.11ax HE20	100	16500.00	50.06	68.20	-18.14	V	Peak	Pass	Partial RU 106/53	Harmonic
90	802.11ax HE20	120	5455.25	40.36	54.00	-13.64	V	Avg.	Pass	Partial RU 106/53	Band Edge
90	802.11ax HE20	120	16800.00	50.95	68.20	-17.25	H	Peak	Pass	Partial RU 106/53	Harmonic
91	802.11ax HE20	140	5759.67	51.41	68.20	-16.79	H	Peak	Pass	Partial RU 26/8	Band Edge
91	802.11ax HE20	140	17100.00	50.71	68.20	-17.49	V	Peak	Pass	Partial RU 26/8	Harmonic
92	802.11ax HE20	140	5757.33	51.72	68.20	-16.48	V	Peak	Pass	Partial RU 52/40	Band Edge
92	802.11ax HE20	140	17100.00	50.31	68.20	-17.89	V	Peak	Pass	Partial RU 52/40	Harmonic



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Peak	Level (dBuV/m) Date: 2026-03-29 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5011.34</td><td>47.83</td><td>74.00</td><td>-26.17</td><td>35.85</td><td>34.63</td><td>12.56</td><td>35.21</td><td>0.00</td><td>258</td><td>0 Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5011.34	47.83	74.00	-26.17	35.85	34.63	12.56	35.21	0.00	258	0 Peak	Level (dBuV/m) Date: 2026-03-29 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>97.98</td><td>-----</td><td>-----</td><td>85.63</td><td>34.75</td><td>12.76</td><td>35.16</td><td>0.00</td><td>258</td><td>0 Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5180.00	97.98	-----	-----	85.63	34.75	12.76	35.16	0.00	258	0 Peak
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1	5180.00	97.98	-----	-----	85.63	34.75	12.76	35.16	0.00	258	0 Peak																																																																																						
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Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
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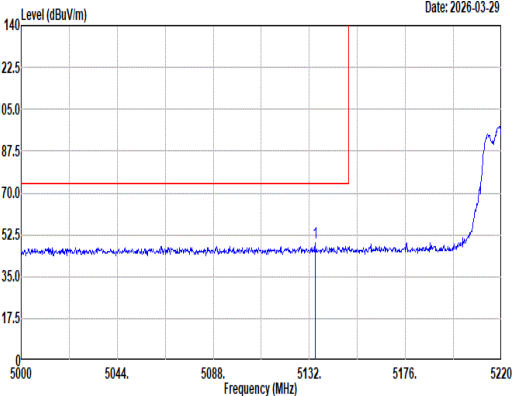
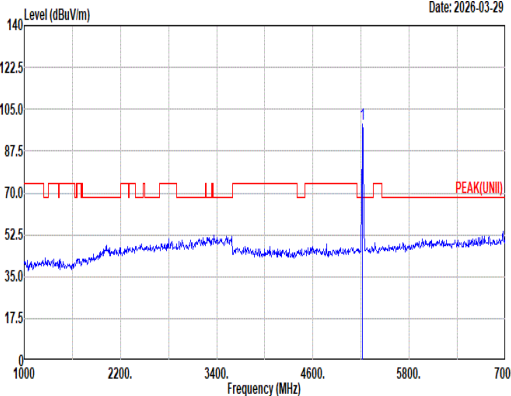
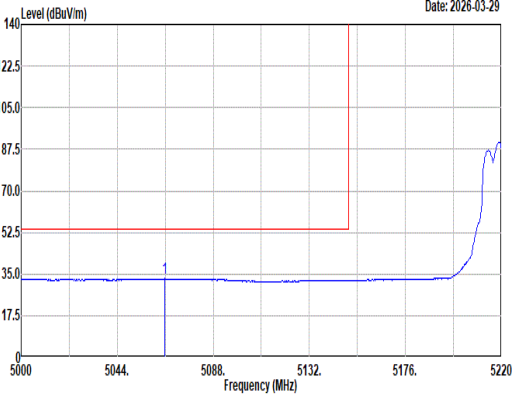
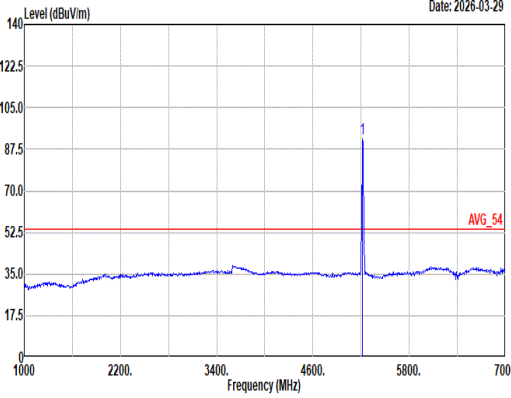


Mode	2																																																																																																
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Mode	2										
	Band Edge - R										
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz										
ANT	6+7										
Pol.	Horizontal										Fundamental
Peak	<										



Mode	2																																																																																									
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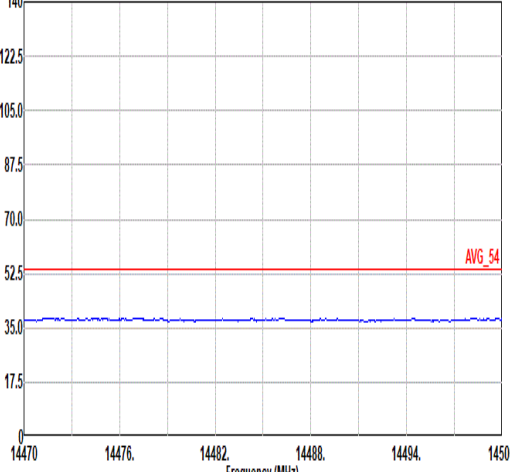
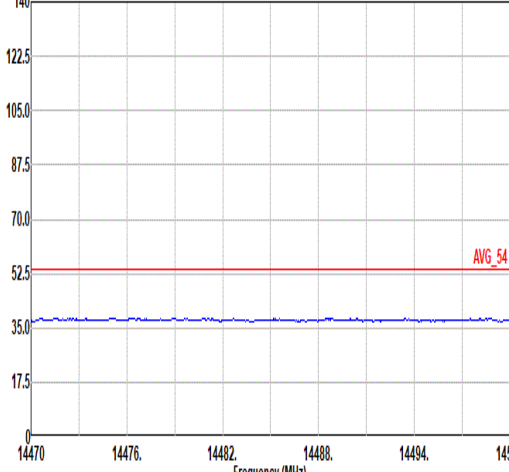
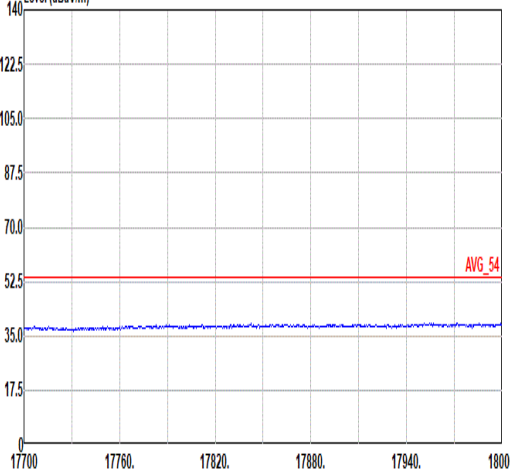
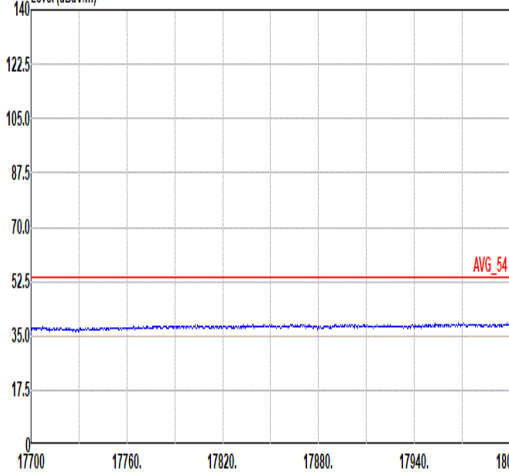


Mode	2											
	Band Edge - R											
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz											
ANT	6+7											
Pol.	Vertical						Fundamental					
Peak	<											



Mode	2																																																																																																															
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Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-04-02  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-04-02  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
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Mode	3																																																																																																			
	Band Edge - L																																																																																																			
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Pol.	Horizontal						Fundamental																																																																																													
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Mode	3											
	Band Edge - R											
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz											
ANT	6+7											
Pol.	Horizontal						Fundamental					
Peak	<											



Mode	3																																																																																																			
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Mode	3											
	Band Edge - R											
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz											
ANT	6+7											
Pol.	Vertical						Fundamental					
Peak	<											



Mode	3																																																																																																																			
	Harmonic																																																																																																																			
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ANT	6+7																																																																																																																			
Pol.	Horizontal						Vertical																																																																																																													
Peak Avg	Level (dBuV/m) Date: 2026-04-02 PEAK(UNII) AVG_54						Level (dBuV/m) Date: 2026-04-02 PEAK(UNII) AVG_54																																																																																																													
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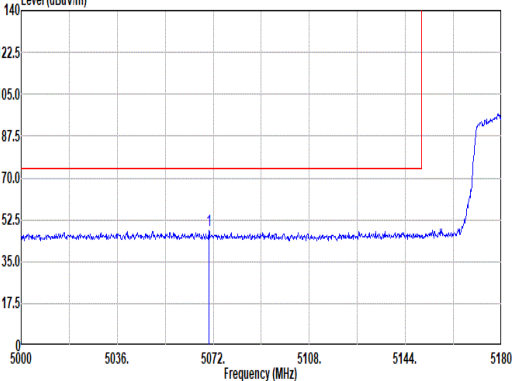
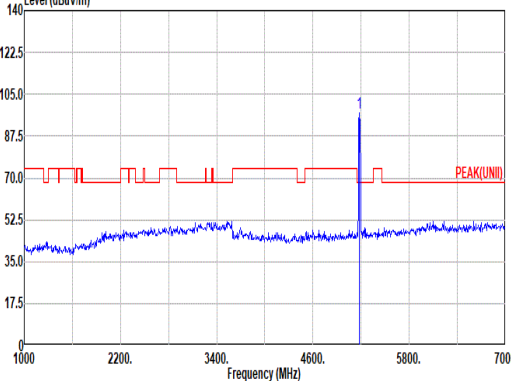
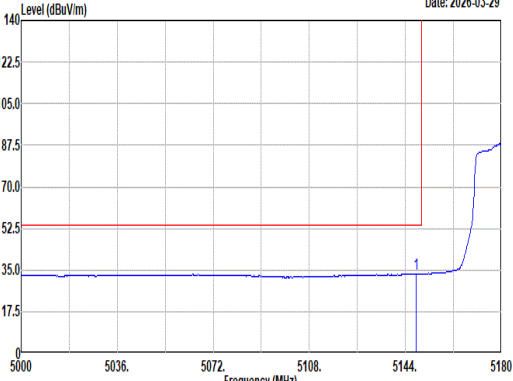
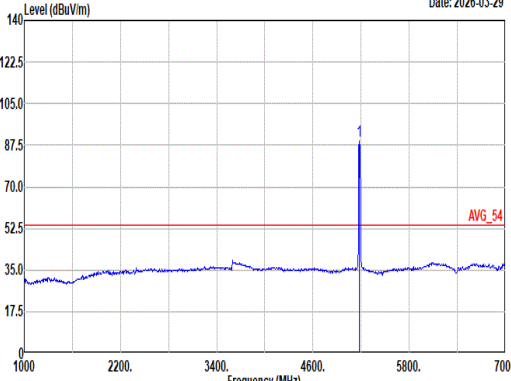


Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
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Mode	4																																																																																																
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ANT	6+7																																																																																																
Pol.	Horizontal						Fundamental																																																																																										
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Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																																																								
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1	5009.54	48.34	74.00	-25.66	36.35	34.64	12.56	35.21	0.00	322	8 Peak																																																																																						
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																																																								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																							
1	5180.00	96.50	-----	-----	84.13	34.76	12.77	35.16	0.00	322	8 Peak																																																																																						
Avg	Level (dBuV/m) Date: 2026-03-29 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5147.78</td><td>33.33</td><td>54.00</td><td>-20.67</td><td>21.09</td><td>34.68</td><td>12.73</td><td>35.17</td><td>0.00</td><td>322</td><td>8 Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5147.78	33.33	54.00	-20.67	21.09	34.68	12.73	35.17	0.00	322	8 Average	Level (dBuV/m) Date: 2026-03-29 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>89.26</td><td>-----</td><td>-----</td><td>76.89</td><td>34.76</td><td>12.77</td><td>35.16</td><td>0.00</td><td>322</td><td>8 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5180.00	89.26	-----	-----	76.89	34.76	12.77	35.16	0.00	322	8 Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																									
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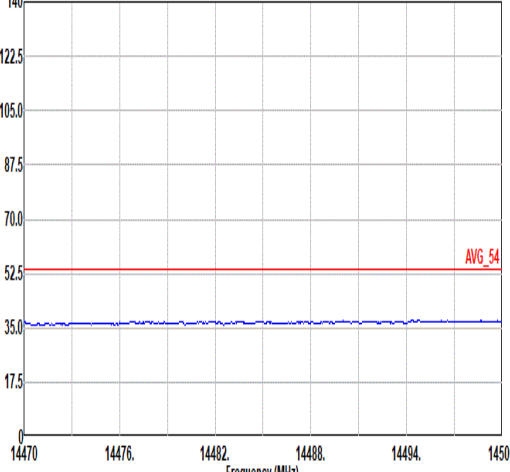
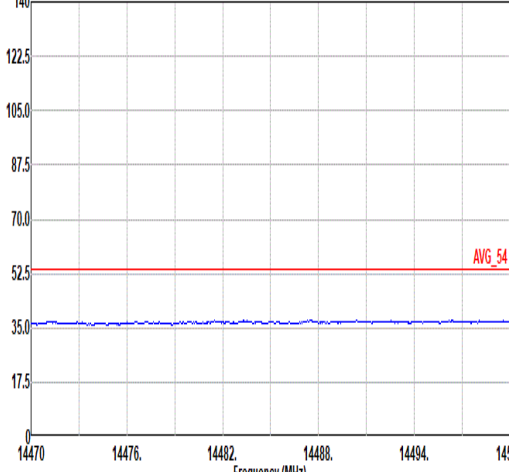
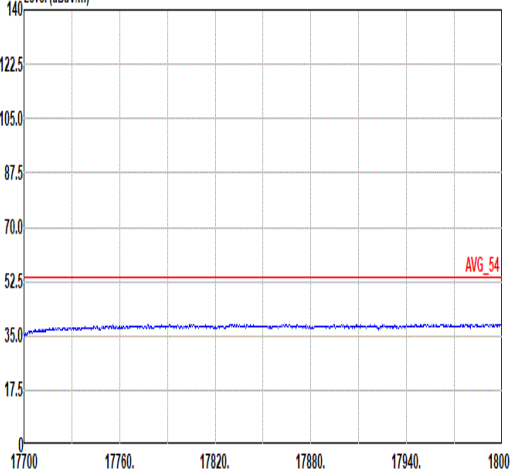
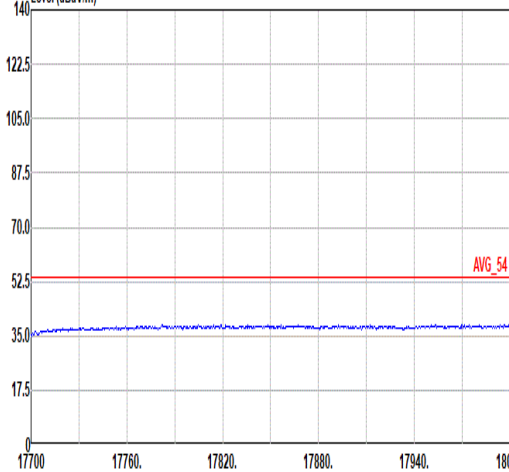


Mode	4																																																																																																					
	Band Edge																																																																																																					
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ANT	6+7																																																																																																					
Pol.	Vertical						Fundamental																																																																																															
Peak	Level (dBuV/m) Date: 2026-03-29  500050365072510851445180 Frequency (MHz) Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5070.38</td><td>48.09</td><td>74.00</td><td>-25.91</td><td>36.29</td><td>34.36</td><td>12.63</td><td>35.19</td><td>0.00</td><td>334</td><td>289</td><td>Peak</td></tr></table>													Freq	Level	Limit	Line Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5070.38	48.09	74.00	-25.91	36.29	34.36	12.63	35.19	0.00	334	289	Peak	Level (dBuV/m) Date: 2026-03-29  100022003400460058007000 Frequency (MHz) Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5180.00</td><td>97.22</td><td>-----</td><td>-----</td><td>84.87</td><td>34.75</td><td>12.76</td><td>35.16</td><td>0.00</td><td>334</td><td>289</td><td>Peak</td></tr></table>													Freq	Level	Limit	Line Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5180.00	97.22	-----	-----	84.87	34.75	12.76	35.16	0.00	334	289	Peak
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Avg	Level (dBuV/m) Date: 2026-03-29  500050365072510851445180 Frequency (MHz) Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5147.96</td><td>33.34</td><td>54.00</td><td>-20.66</td><td>21.10</td><td>34.68</td><td>12.73</td><td>35.17</td><td>0.00</td><td>334</td><td>289</td><td>Average</td></tr></table>													Freq	Level	Limit	Line Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5147.96	33.34	54.00	-20.66	21.10	34.68	12.73	35.17	0.00	334	289	Average	Level (dBuV/m) Date: 2026-03-29  100022003400460058007000 Frequency (MHz) Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5180.00</td><td>89.21</td><td>-----</td><td>-----</td><td>76.84</td><td>34.76</td><td>12.77</td><td>35.16</td><td>0.00</td><td>334</td><td>289</td><td>Average</td></tr></table>													Freq	Level	Limit	Line Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5180.00	89.21	-----	-----	76.84	34.76	12.77	35.16	0.00	334	289	Average
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Mode	4																																																																																																																									
	Harmonic																																																																																																																									
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz																																																																																																																									
ANT	6+7																																																																																																																									
Pol.	Horizontal						Vertical																																																																																																																			
Peak Avg	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10360.00</td><td>45.53</td><td>68.20</td><td>-22.67</td><td>47.83</td><td>37.78</td><td>17.64</td><td>58.87</td><td>1.15</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>15540.00</td><td>48.45</td><td>74.00</td><td>-25.55</td><td>41.12</td><td>40.68</td><td>21.79</td><td>56.39</td><td>1.25</td><td>--</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	10360.00	45.53	68.20	-22.67	47.83	37.78	17.64	58.87	1.15	--	Peak	2	15540.00	48.45	74.00	-25.55	41.12	40.68	21.79	56.39	1.25	--	Peak	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10360.00</td><td>44.52</td><td>68.20</td><td>-23.68</td><td>46.82</td><td>37.78</td><td>17.64</td><td>58.87</td><td>1.15</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>15540.00</td><td>48.93</td><td>74.00</td><td>-25.07</td><td>41.68</td><td>40.68</td><td>21.79</td><td>56.39</td><td>1.25</td><td>--</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	10360.00	44.52	68.20	-23.68	46.82	37.78	17.64	58.87	1.15	--	Peak	2	15540.00	48.93	74.00	-25.07	41.68	40.68	21.79	56.39	1.25	--	Peak
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Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-04-02  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-04-02  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
	Level (dBuV/m) Date: 2026-04-02  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-04-02  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL



Mode	5																																																																																																			
	Band Edge - L																																																																																																			
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ANT	6+7																																																																																																			
Pol.	Horizontal						Fundamental																																																																																													
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1	5220.00	97.81	-----	-----	85.39	34.76	12.81	35.15	0.00	298	16	Peak																																																																																								
Avg	Level (dBuV/m) Date: 2026-03-29 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5064.46</td><td>33.01</td><td>54.00</td><td>-20.99</td><td>21.20</td><td>34.37</td><td>12.63</td><td>35.19</td><td>0.00</td><td>298</td><td>16</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5064.46	33.01	54.00	-20.99	21.20	34.37	12.63	35.19	0.00	298	16	Average	Level (dBuV/m) Date: 2026-03-29 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5220.00</td><td>90.57</td><td>-----</td><td>-----</td><td>78.15</td><td>34.76</td><td>12.81</td><td>35.15</td><td>0.00</td><td>298</td><td>16</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5220.00	90.57	-----	-----	78.15	34.76	12.81	35.15	0.00	298	16	Average
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Mode	5										
	Band Edge - R										
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz										
ANT	6+7										
Pol.	Horizontal						Fundamental				
Peak											



Mode	5																																																																																																			
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Mode	5											
	Band Edge - R											
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz											
ANT	6+7											
Pol.	Vertical						Fundamental					
Peak												

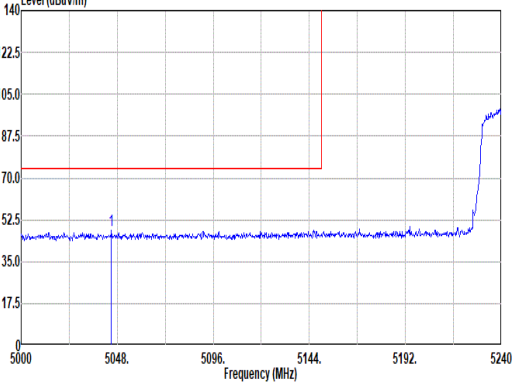
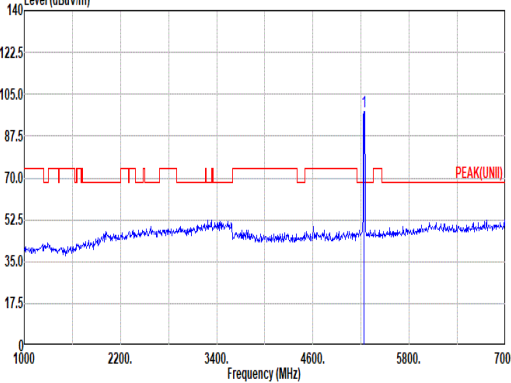
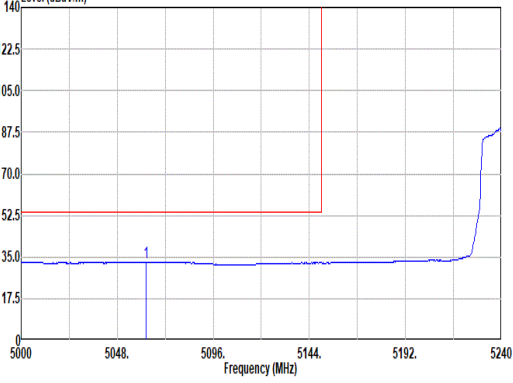
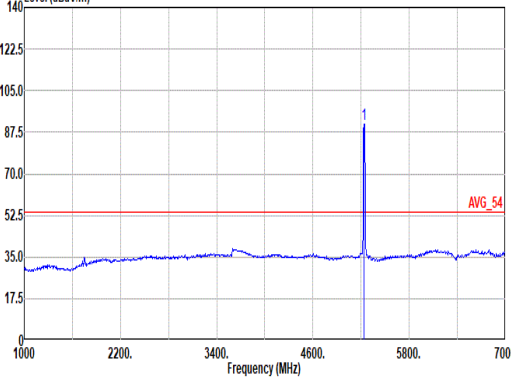


Mode	5																																																																																																																									
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Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
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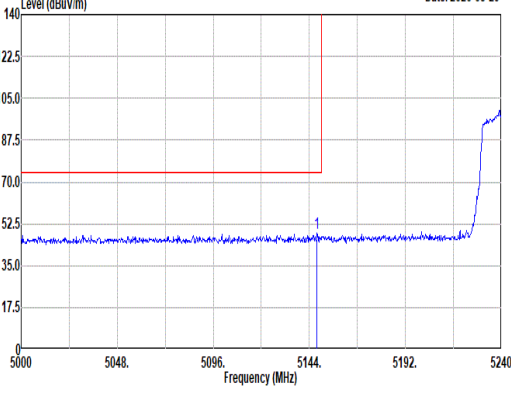
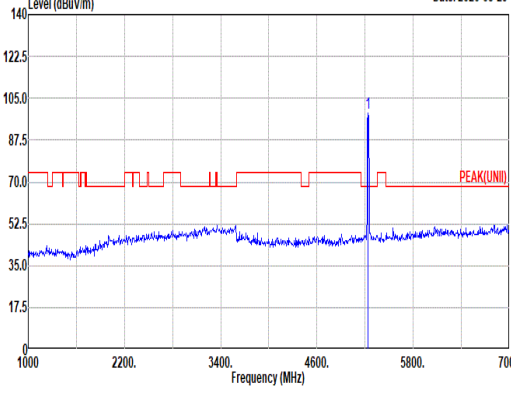
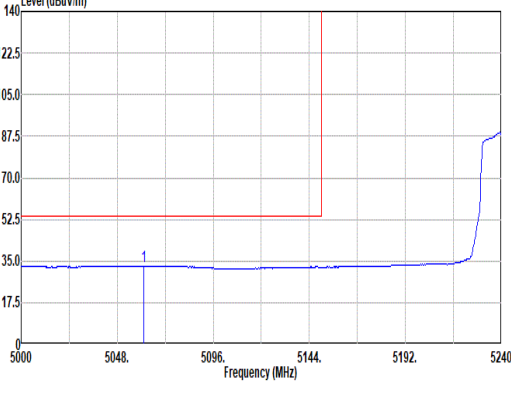
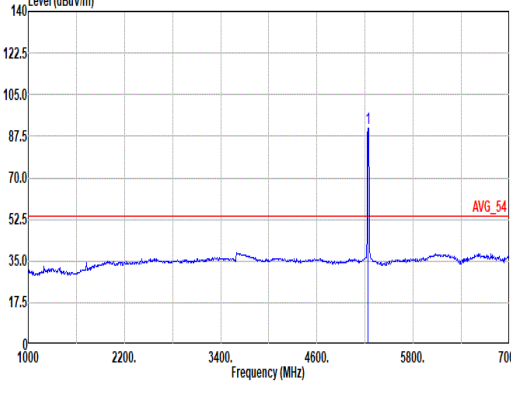


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ANT		6+7																																																																																														
Pol.		Horizontal					Fundamental																																																																																									
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Mode	6										
	Band Edge - R										
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz										
ANT	6+7										
Pol.	Horizontal						Fundamental				
Peak	Level (dBuV/m) <										



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Mode	6											
	Band Edge - R											
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz											
ANT	6+7											
Pol.	Vertical						Fundamental					
Peak												



Mode	6																																																																																																																										
	Harmonic																																																																																																																										
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Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
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Mode		Band Edge - L																																																	
		U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full RU_5190MHz																																																	
ANT		6+7																																																	
Pol.		Horizontal																																																	
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1	5128.84	49.23	74.00	-24.77	37.24	34.47	12.70	35.18	0.00	302	15	Peak																																							
Level (dBuV/m) Date: 2026-03-29 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5190.00</td><td>95.69</td><td>-----</td><td>-----</td><td>83.28</td><td>34.79</td><td>12.78</td><td>35.16</td><td>0.00</td><td>302</td><td>15</td><td>Peak</td></tr></table>													Freq	Level	Limit	Line Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5190.00	95.69	-----	-----	83.28	34.79	12.78	35.16	0.00	302	15	Peak	
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Mode	7										
	Band Edge - R										
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full RU_5190MHz										
ANT	6+7										
Pol.	Horizontal						Fundamental				
Peak											



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Mode	7											
	Band Edge - R											
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full RU_5190MHz											
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Pol.	Vertical						Fundamental					
Peak												



Mode	7																																																																																																					
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Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE40_CH38_Full RU_5190MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-04-02 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
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Mode	8										
	Band Edge - L										
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full RU_5230MHz										
ANT	6+7										
Pol.	Horizontal										
Peak	Fundamental										



Mode	8										
	Band Edge - R										
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full RU_5230MHz										
ANT	6+7										
Pol.	Horizontal						Fundamental				
Peak	<										



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	Band Edge - R											
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full RU_5230MHz											
ANT	6+7											
Pol.	Vertical						Fundamental					
Peak												