

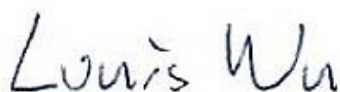


FCC RADIO TEST REPORT

FCC ID : PY7-30515Z
Equipment : GSM/WCDMA/LTE/NR Phone with BT, DTS/UNII
a/b/g/n/ac/ax/be, NFC, GNSS and WPT
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 Nov. 27, 2025 and testing was performed from Dec. 04, 2025 to Mar. 24, 2026. We, Sporton International Inc. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR5N1805E	01	Initial issue of report	Mar. 10, 2026
FR5N1805E	02	Revised Appendix D. and Carrier Frequency and Channel This report is an updated version, replacing the report issued on Mar. 10, 2026.	Mar. 23, 2026
FR5N1805E	03	Revised Appendix A1. and Appendix C Carrier Frequency and Channel and List of Measuring Equipment This report is an updated version, replacing the report issued on Mar. 23, 2026.	Mar. 26, 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	6.62 dB under the limit at 5144.75 MHz
3.5	15.207	AC Conducted Emission	Pass	20.20 dB under the limit at 0.16 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: Yuri Huang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Specification subject to this standard	
General Specs	GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, and BDS/Galileo/GLONASS/GPS/NFC/WPT
Antenna Type	WWAN: LOOP&PIFA Antenna WLAN: LOOP&PIFA Antenna Bluetooth: LOOP&PIFA Antenna GPS / Glonass / BDS / Galileo: LOOP Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 5: -4.1 Ant. 8: -6.1
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 5: -3.1 Ant. 8: -5
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 5: -2.3 Ant. 8: -5.1

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	0.198	MATA28000616	RF conducted measurement
	0.198	MATA28000065	Radiated Spurious Emission
	0.198	MATA28000176	AC Conducted Emission

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

Remark:

- The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
- MIMO Ant. 5+8 Directional Gain is a calculated result from MIMO Ant. 5 and MIMO Ant. 8. The formula used in calculation is documented in section 1.1.1.
- Power of MIMO Ant. 5 + Ant. 8 is a calculated result from sum of the power MIMO Ant. 5 and MIMO Ant. 8.

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 5	Ant 8	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	-4.10	-6.10	-4.10	-2.03	0.00	0.00
Band II	-3.10	-5.00	-3.10	-0.99	0.00	0.00
Band III	-2.30	-5.10	-2.30	-0.58	0.00	0.00

Calculation example:

If a device has two antenna, $G_{ANT1} = -2.3\text{dBi}$; $G_{ANT2} = -5.1\text{dBi}$

Directional gain of power measurement = $\max(-2.3, -5.1) + 0 = -3.1\text{ dBi}$

Directional gain of PSD derived from formula which is

$$10 \times \log \left\{ \left[10^{(-2.3\text{ dBi} / 20)} + 10^{(-5.1\text{ dBi} / 20)} \right]^2 / 2 \right\} \\ = -0.58\text{ dBi}$$

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 Conducted test item subcontracted to Sporton International Inc. Wensan 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 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 and 802.11be EHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80 and 802.11be EHT80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160 and 802.11ax HE160 and 802.11be EHT160.

This device supports WiFi 7 puncturing and Multi RU features.

MRU	RU	RU Index
Small MRU	52T + 26T	Index 70 / 71 / 72
Small MRU	106T + 26T	Index 82 / 83

80M channel puncturing 20M M-RU_RU484+RU242	Index	RU							
	1	-	242	484		-	-	-	-
	2	242	-	484		-	-	-	-
	4	484		-	242	-	-	-	-
	8	484		242	-	-	-	-	-
160M channel puncturing 20M M-RU_RU996+RU484+RU242	1	-	242	484		996			
	2	242	-	484		996			
	4	484		-	242	996			
	8	484		242	-	996			
	16	996				-	242	484	
	32	996				242	-	484	
	64	996				484		-	242
	128	996				484		242	-
160M channel puncturing 40M M-RU_RU996+RU484	3	-		484		996			
	12	484		-		996			
	48	996				-		484	
	192	996				484		-	

2.2 Test Mode

This device support 26/52/106/242/484/996/996*2.

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 and 2*996-tone RU is covered by 160MHz 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 power for 802.11ax mode is smaller than 802.11be mode, so all other conducted and radiated test is covered by 802.11be mode.

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

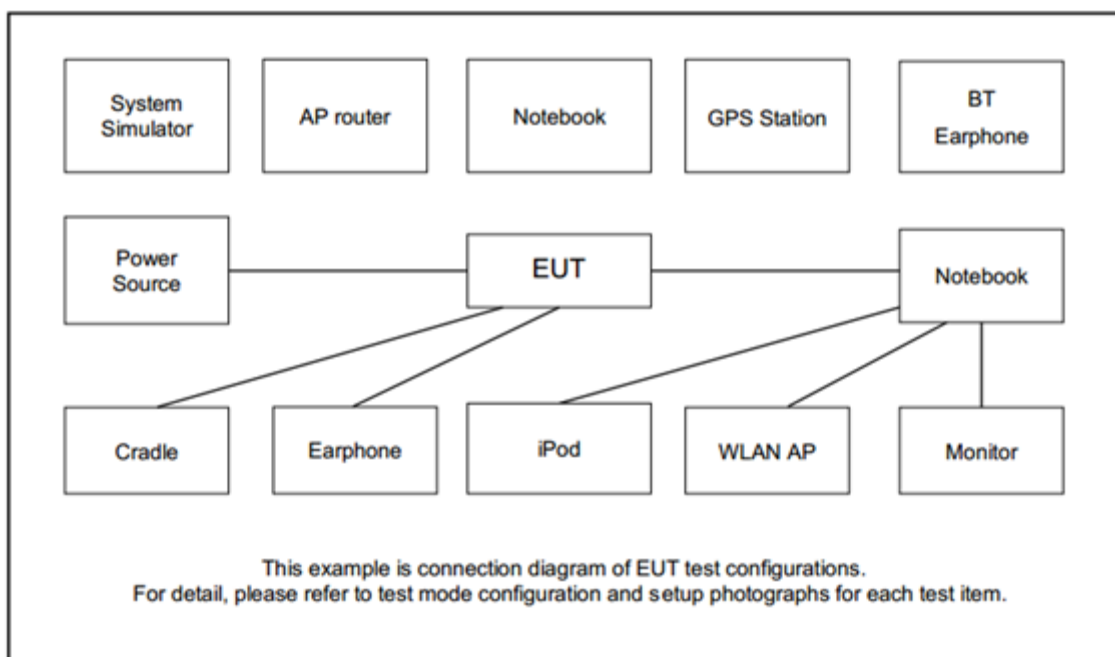
MIMO Mode

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 (Covered by EHT20 Mode)	MCS0
802.11ax HE40 (Covered by EHT40 Mode)	MCS0
802.11ax HE80 (Covered by EHT80 Mode)	MCS0
802.11ax HE160 (Covered by EHT160 Mode)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	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 + WLAN 5G Link + MPEG4 + USB Cable + Adapter + Earphone
Remark: - The detailed Radiated test modes are shown in Appendix C. - During the preliminary test, both charging modes (Adapter mode and WPT Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test. - 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	Sony	SBH20	PY7-RD0010	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

Remark: Applicant has ensured support unit would not be attached with the product on the market, support unit is provided by lab for testing.

2.5 EUT Operation Test Setup

The RF test items, utility “QRTC v4.1 ver4.0.170.1” 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.

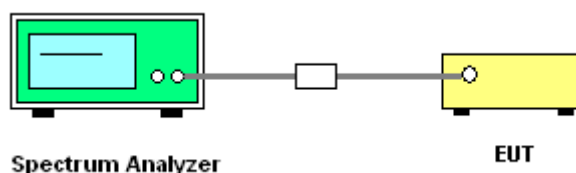
3.1.2 Measuring Instruments

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

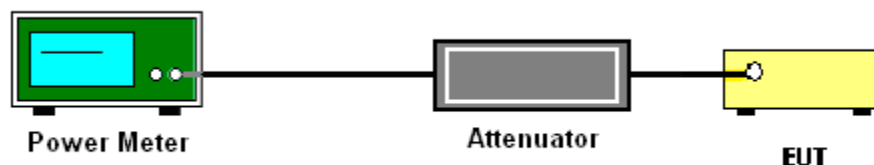
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

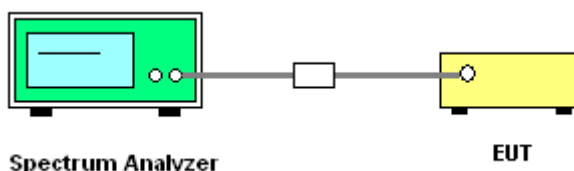
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- 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 PPSD 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.

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

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

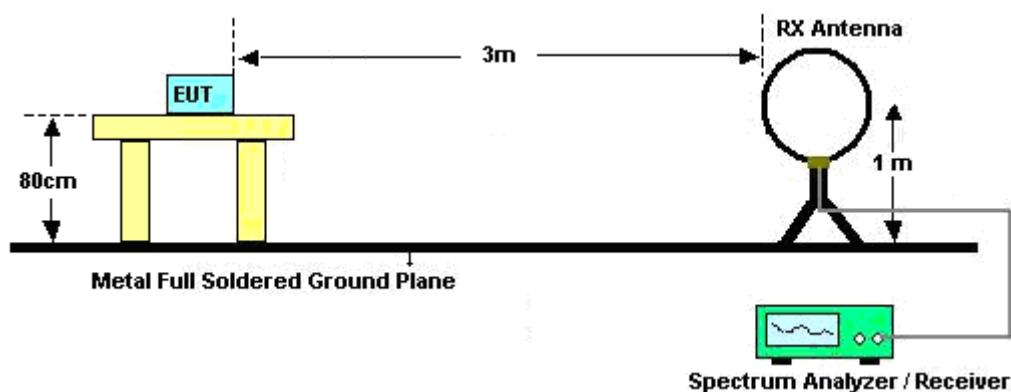
- (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

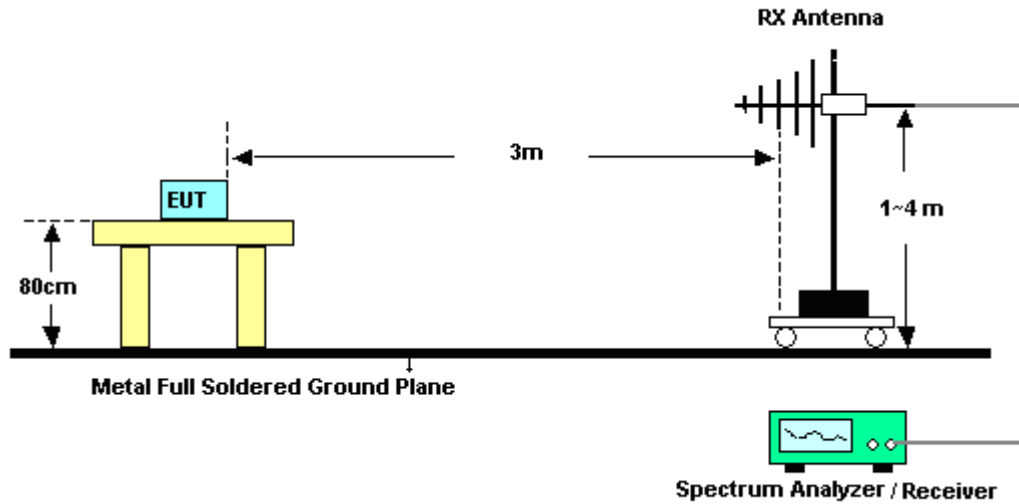
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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

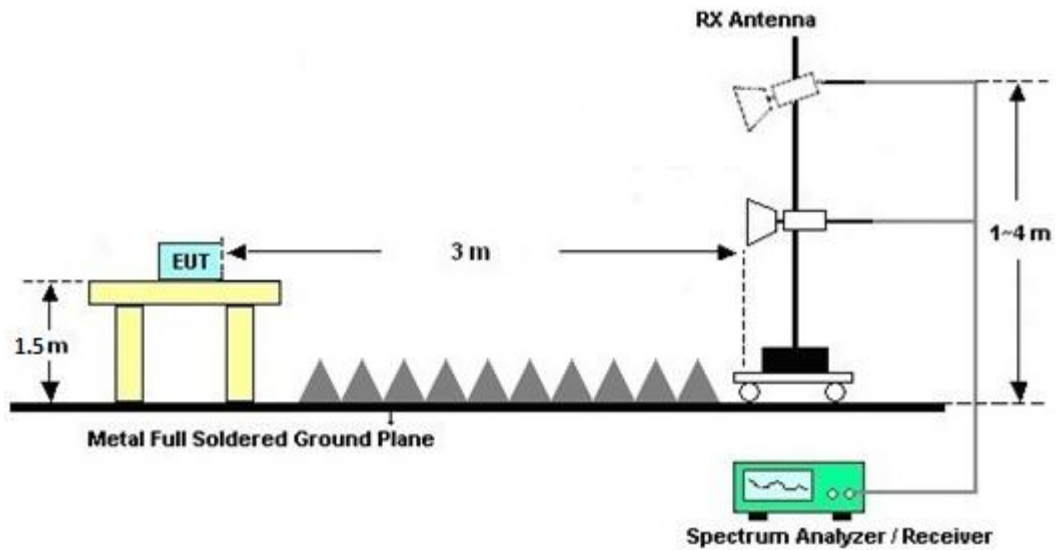
For radiated emissions below 30MHz



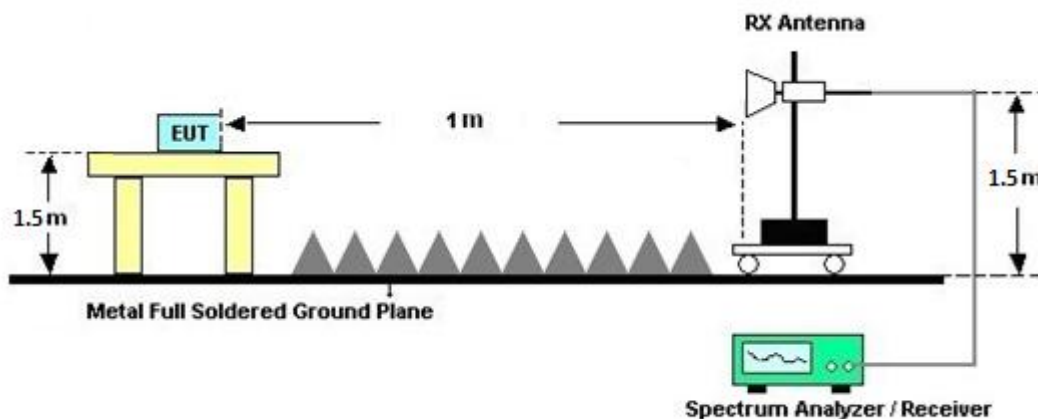
For radiated emissions from 30MHz to 1GHz



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.

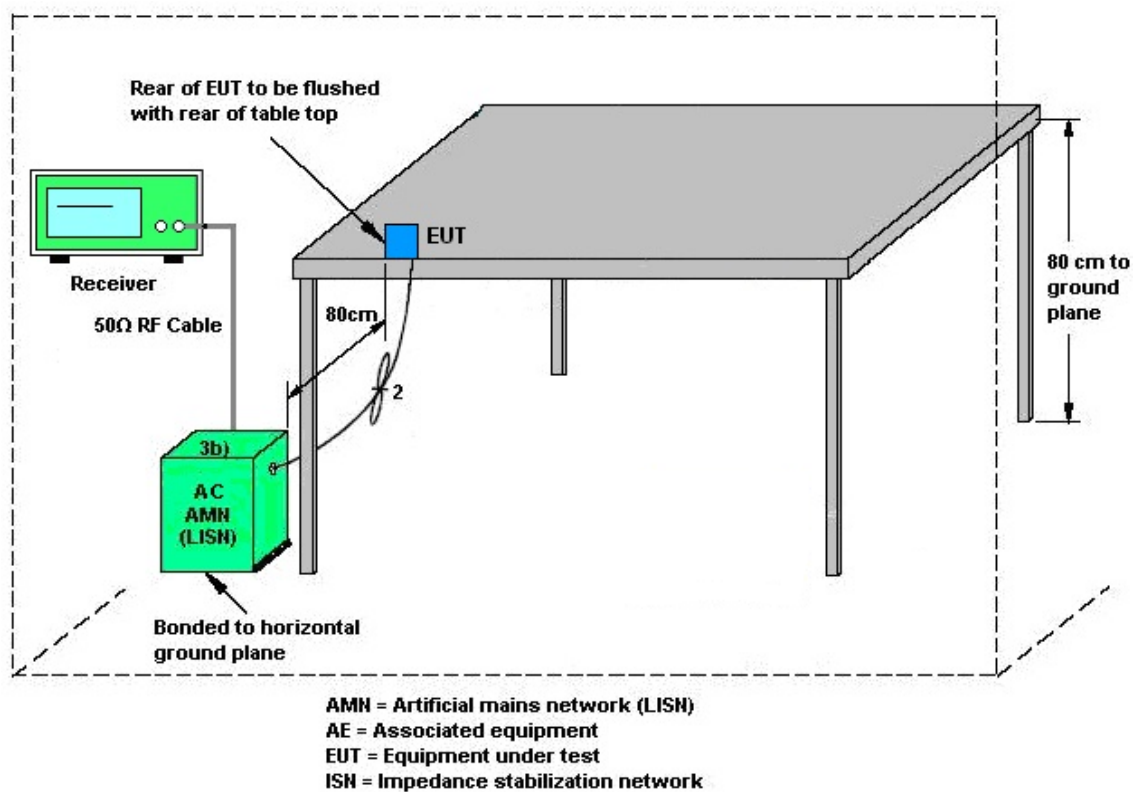
3.5.2 Measuring Instruments

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
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 16, 2025	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	N/A	Oct. 21, 2025	Dec. 16, 2025	Oct. 20, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 26, 2025	Dec. 16, 2025	Jun. 25, 2026	Conduction (CO05-HY)
Two-Line V-Network	Rohde & Schwarz	ENV216	100081	N/A	Jul. 25, 2025	Dec. 16, 2025	Jul. 24, 2026	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Dec. 16, 2025	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 29, 2025	Dec. 16, 2025	Jul. 28, 2026	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 14, 2025	Dec. 16, 2025	Oct. 13, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Dec. 04, 2025~ Mar. 24, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Dec. 04, 2025~ Mar. 24, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101467	10HZ~44GHZ	Dec. 16, 2025	Dec. 04, 2025~ Mar. 24, 2026	Dec. 15, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	Dec. 04, 2025~ Mar. 24, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Dec. 04, 2025~ Mar. 24, 2026	N/A	Conducted (TH05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna with 6dB pad	TESEQ & VGT	CBL 6111D & VFA_Z-04002-N-06	66925 & 24006	30MHz~1GHz	Feb. 19, 2025	Dec. 20, 2025 ~ Feb. 17, 2026	Feb. 18, 2026	Radiation (03CH11-HY)
Bilog Antenna with 6dB pad	TESEQ & Huber + Suhner	CBL 6111D & VFA_Z-04002-N-06	69548 & 2510006	30MHz~1GHz	Nov. 24, 2025	Feb. 18, 2026 ~ Mar. 23, 2026	Nov. 23, 2026	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Dec. 20, 2025 ~ Mar. 23, 2026	Dec. 10, 2026	Radiation (03CH11-HY)
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Sep. 15, 2025	Dec. 20, 2025 ~ Mar. 23, 2026	Sep. 14, 2026	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz~40GHz	Jul. 02, 2025	Dec. 20, 2025 ~ Mar. 22, 2026	Jul. 01, 2026	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 06, 2025	Dec. 20, 2025 ~ Mar. 22, 2026	Dec. 05, 2026	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 24, 2025	Dec. 20, 2025 ~ Mar. 22, 2026	Mar. 23, 2026	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 23, 2026	Mar. 23, 2026	Mar. 22, 2027	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 21, 2025	Dec. 20, 2025 ~ Jan. 19, 2026	Jan. 20, 2026	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz~18GHz	Jan. 20, 2026	Jan. 20, 2026 ~ Mar. 23, 2026	Jan. 19, 2027	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 26, 2025	Dec. 20, 2025 ~ Mar. 23, 2026	May 25, 2026	Radiation (03CH11-HY)
Signal Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 23, 2025	Dec. 20, 2025 ~ Mar. 23, 2026	Oct. 22, 2026	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 22, 2025	Dec. 20, 2025 ~ Mar. 23, 2026	Jul. 21, 2026	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 20, 2025 ~ Mar. 23, 2026	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Dec. 20, 2025 ~ Mar. 23, 2026	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Dec. 20, 2025 ~ Mar. 23, 2026	N/A	Radiation (03CH11-HY)
Software	Audix	E3	RK-002391	N/A	N/A	Dec. 20, 2025 ~ Mar. 23, 2026	N/A	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200722	N/A	Mar. 03, 2025	Dec. 20, 2025 ~ Mar. 01, 2026	Mar. 02, 2026	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200880	N/A	Aug. 26, 2025	Mar. 02, 2026 ~ Mar. 23, 2026	Aug. 25, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	Mar. 05, 2025	Dec. 20, 2025 ~ Mar. 03, 2026	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	Mar. 04, 2026	Mar. 04, 2026 ~ Mar. 23, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 05, 2025	Dec. 20, 2025 ~ Mar. 03, 2026	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 04, 2026	Mar. 04, 2026 ~ Mar. 23, 2026	Mar. 03, 2027	Radiation (03CH11-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 05, 2025	Dec. 20, 2025 ~ Mar. 03, 2026	Mar. 04, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 04, 2026	Mar. 04, 2026 ~ Mar. 23, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	30M~40G	May 10, 2025	Dec. 20, 2025 ~ Jan. 15, 2026	May 09, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 09, 2025	Dec. 20, 2025 ~ Jan. 15, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53GHz Low Pass Filter	Sep. 09, 2025	Dec. 20, 2025 ~ Jan. 15, 2026	Sep. 08, 2026	Radiation (03CH11-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% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 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:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2025/12/04~2026/03/24	Relative Humidity:	51~54	%

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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
11a	6Mbps	2	36	5180	14.65	14.68	17.68	24.00	-4.10			Pass	
11a	6Mbps	2	44	5220	14.81	14.72	17.78	24.00	-4.10			Pass	
11a	6Mbps	2	48	5240	14.89	14.54	17.73	24.00	-4.10			Pass	
HT20	MCS0	2	36	5180	14.60	14.69	17.66	24.00	-4.10			Pass	
HT20	MCS0	2	44	5220	14.66	14.64	17.66	24.00	-4.10			Pass	
HT20	MCS0	2	48	5240	14.70	14.54	17.63	24.00	-4.10			Pass	
HT40	MCS0	2	38	5190	14.62	14.84	17.74	24.00	-4.10			Pass	
HT40	MCS0	2	46	5230	14.93	14.83	17.89	24.00	-4.10			Pass	
VHT20	MCS0	2	36	5180	14.62	14.70	17.67	24.00	-4.10			Pass	
VHT20	MCS0	2	44	5220	14.76	14.67	17.73	24.00	-4.10			Pass	
VHT20	MCS0	2	48	5240	14.76	14.56	17.67	24.00	-4.10			Pass	
VHT40	MCS0	2	38	5190	14.77	14.93	17.86	24.00	-4.10			Pass	
VHT40	MCS0	2	46	5230	14.98	14.86	17.93	24.00	-4.10			Pass	
VHT80	MCS0	2	42	5210	14.94	14.79	17.88	24.00	-4.10			Pass	
VHT160	MCS0	2	50	5250	14.69	14.91	17.81	24.00	-4.10			Pass	

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 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8		
11a	6Mbps	2	36	5180	17.37	17.10	23.75	22.88	-		22.33		-	
11a	6Mbps	2	44	5220	17.46	17.14	23.30	23.08	-		22.34			
11a	6Mbps	2	48	5240	17.41	17.16	23.40	23.10	-		22.35			
VHT20	MCS0	2	36	5180	18.48	18.03	24.33	23.44	-		22.56			
VHT20	MCS0	2	44	5220	18.49	18.04	24.31	23.65	-		22.56			
VHT20	MCS0	2	48	5240	18.50	18.04	24.50	23.45	-		22.56			
VHT40	MCS0	2	38	5190	37.20	36.75	47.68	45.94	-		23.01			
VHT40	MCS0	2	46	5230	37.26	36.82	47.82	45.73	-		23.01			
VHT80	MCS0	2	42	5210	76.57	76.13	93.41	90.82	-		23.01			
VHT160	MCS0	2	50	5250	155.22	155.32	178.13	177.65	-		23.01			

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 5	Ant 8	Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
11a	6Mbps	2	36	5180	0.03	0.04	-		9.02	11.00	-2.03			Pass	
11a	6Mbps	2	44	5220	0.03	0.04			8.71	11.00	-2.03			Pass	
11a	6Mbps	2	48	5240	0.03	0.04			8.70	11.00	-2.03			Pass	
VHT20	MCS0	2	36	5180	0.02	0.02			7.77	11.00	-2.03			Pass	
VHT20	MCS0	2	44	5220	0.02	0.02			7.77	11.00	-2.03			Pass	
VHT20	MCS0	2	48	5240	0.02	0.02			7.56	11.00	-2.03			Pass	
VHT40	MCS0	2	38	5190	0.02	0.01			3.94	11.00	-2.03			Pass	
VHT40	MCS0	2	46	5230	0.02	0.01			3.44	11.00	-2.03			Pass	
VHT80	MCS0	2	42	5210	0.02	0.02			0.55	11.00	-2.03			Pass	
VHT160	MCS0	2	50	5250	0.02	0.02			-2.11	11.00	-2.03			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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
11a	6Mbps	2	52	5260	14.94	14.95	17.96	23.98		-3.10		30	Pass
11a	6Mbps	2	60	5300	14.98	14.92	17.96	23.98		-3.10		30	Pass
11a	6Mbps	2	64	5320	14.66	14.60	17.64	23.98		-3.10		30	Pass
HT20	MCS0	2	52	5260	14.75	14.39	17.58	23.98		-3.10		30	Pass
HT20	MCS0	2	60	5300	14.81	14.51	17.67	23.98		-3.10		30	Pass
HT20	MCS0	2	64	5320	14.85	14.57	17.72	23.98		-3.10		30	Pass
HT40	MCS0	2	54	5270	14.92	14.61	17.78	23.98		-3.10		30	Pass
HT40	MCS0	2	62	5310	14.93	14.66	17.81	23.98		-3.10		30	Pass
VHT20	MCS0	2	52	5260	14.88	14.53	17.72	23.98		-3.10		30	Pass
VHT20	MCS0	2	60	5300	14.90	14.52	17.72	23.98		-3.10		30	Pass
VHT20	MCS0	2	64	5320	14.97	14.58	17.79	23.98		-3.10		30	Pass
VHT40	MCS0	2	54	5270	14.99	14.66	17.84	23.98		-3.10		30	Pass
VHT40	MCS0	2	62	5310	14.99	14.67	17.84	23.98		-3.10		30	Pass
VHT80	MCS0	2	58	5290	14.66	14.74	17.71	23.98		-3.10		30	Pass
VHT160	MCS0	2	50	5250	14.69	14.91	17.81	23.98		-3.10		30	Pass

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 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	
11a	6Mbps	2	52	5260	17.36	17.14	24.02	23.76	23.34		29.34		23.98		-
11a	6Mbps	2	60	5300	17.38	17.13	23.68	23.23	23.34		29.34		23.98		
11a	6Mbps	2	64	5320	17.46	17.09	23.31	22.75	23.33		29.33		23.98		
VHT20	MCS0	2	52	5260	18.48	18.04	24.51	23.57	23.56		29.56		23.98		
VHT20	MCS0	2	60	5300	18.50	18.03	24.29	23.56	23.56		29.56		23.98		
VHT20	MCS0	2	64	5320	18.53	18.04	24.54	23.43	23.56		29.56		23.98		
VHT40	MCS0	2	54	5270	37.20	36.78	46.80	45.86	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	37.22	36.79	47.66	45.86	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.60	76.12	92.51	91.74	23.98		30.00		23.98		
VHT160	MCS0	2	50	5250	155.22	155.32	178.13	177.65	23.98		30.00		23.98		

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO														
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 5	Ant 8	Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8	
11a	6Mbps	2	52	5260	0.03	0.04	-		8.53	11.00		-0.99		Pass
11a	6Mbps	2	60	5300	0.03	0.04			8.87	11.00		-0.99		Pass
11a	6Mbps	2	64	5320	0.03	0.04			8.57	11.00		-0.99		Pass
VHT20	MCS0	2	52	5260	0.02	0.02			7.68	11.00		-0.99		Pass
VHT20	MCS0	2	60	5300	0.02	0.02			7.64	11.00		-0.99		Pass
VHT20	MCS0	2	64	5320	0.02	0.02			7.52	11.00		-0.99		Pass
VHT40	MCS0	2	54	5270	0.02	0.01			3.83	11.00		-0.99		Pass
VHT40	MCS0	2	62	5310	0.02	0.01			3.86	11.00		-0.99		Pass
VHT80	MCS0	2	58	5290	0.02	0.02			0.73	11.00		-0.99		Pass
VHT160	MCS0	2	50	5250	0.02	0.02			-2.11	11.00		-0.99		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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
11a	6Mbps	2	100	5500	14.85	14.56	17.72	23.98		-2.30		30	Pass
11a	6Mbps	2	116	5580	14.58	14.58	17.59	23.98		-2.30		30	Pass
11a	6Mbps	2	140	5700	14.99	14.52	17.77	23.98		-2.30		30	Pass
HT20	MCS0	2	100	5500	14.77	14.54	17.67	23.98		-2.30		30	Pass
HT20	MCS0	2	116	5580	14.52	14.51	17.53	23.98		-2.30		30	Pass
HT20	MCS0	2	140	5700	14.85	14.50	17.69	23.98		-2.30		30	Pass
HT40	MCS0	2	102	5510	14.90	14.78	17.85	23.98		-2.30		30	Pass
HT40	MCS0	2	110	5550	14.71	14.76	17.75	23.98		-2.30		30	Pass
HT40	MCS0	2	134	5670	14.65	14.62	17.65	23.98		-2.30		30	Pass
VHT20	MCS0	2	100	5500	14.83	14.57	17.71	23.98		-2.30		30	Pass
VHT20	MCS0	2	116	5580	14.66	14.53	17.61	23.98		-2.30		30	Pass
VHT20	MCS0	2	140	5700	14.96	14.56	17.77	23.98		-2.30		30	Pass
VHT40	MCS0	2	102	5510	14.93	14.81	17.88	23.98		-2.30		30	Pass
VHT40	MCS0	2	110	5550	14.80	14.78	17.80	23.98		-2.30		30	Pass
VHT40	MCS0	2	134	5670	14.71	14.76	17.75	23.98		-2.30		30	Pass
VHT80	MCS0	2	106	5530	14.75	14.60	17.69	23.98		-2.30		30	Pass
VHT80	MCS0	2	122	5610	14.80	14.72	17.77	23.98		-2.30		30	Pass
VHT160	MCS0	2	114	5570	14.59	14.80	17.71	23.98		-2.30		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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
11a	6Mbps	2	144	5720	14.69	14.64	17.68	23.98		-2.30		30	Pass
HT20	MCS0	2	144	5720	14.55	14.52	17.55	23.98		-2.30		30	Pass
HT40	MCS0	2	142	5710	14.61	14.74	17.69	23.98		-2.30		30	Pass
VHT20	MCS0	2	144	5720	14.60	14.54	17.58	23.98		-2.30		30	Pass
VHT40	MCS0	2	142	5710	14.62	14.75	17.70	23.98		-2.30		30	Pass
VHT80	MCS0	2	138	5690	14.56	14.60	17.59	23.98		-2.30		30	Pass

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 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8
11a	6Mbps	2	100	5500	17.38	17.10	23.83	22.86	23.33		29.33		23.98		----	----
11a	6Mbps	2	116	5580	17.40	17.12	23.91	22.78	23.33		29.33		23.98		----	----
11a	6Mbps	2	140	5700	17.41	17.11	23.82	22.86	23.33		29.33		23.98		----	----
VHT20	MCS0	2	100	5500	18.51	18.06	24.63	23.28	23.57		29.57		23.98		----	----
VHT20	MCS0	2	116	5580	18.49	18.05	24.75	23.61	23.56		29.56		23.98		----	----
VHT20	MCS0	2	140	5700	18.50	18.06	25.18	23.77	23.57		29.57		23.98		----	----
VHT40	MCS0	2	102	5510	37.23	36.79	47.31	46.22	23.98		30.00		23.98		----	----
VHT40	MCS0	2	110	5550	37.25	36.78	47.02	46.14	23.98		30.00		23.98		----	----
VHT40	MCS0	2	134	5670	37.29	36.86	47.84	45.94	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	76.74	76.16	94.34	91.74	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	76.71	76.24	92.64	91.01	23.98		30.00		23.98		----	----
VHT160	MCS0	2	114	5570	155.34	155.29	177.74	177.74	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 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8
11a	6Mbps	2	144	5720	13.82	13.58	17.25	16.23	23.33		29.33		23.98		3.255	3.245
HT20	MCS0	2	144	5720	14.28	14.01	17.56	16.84	23.56		29.56		23.98		3.83	3.81
HT40	MCS0	2	142	5710	33.61	33.40	38.73	38.04	23.98		30.00		23.98		3.225	3.063
VHT20	MCS0	2	144	5720	14.28	14.01	17.56	16.84	23.56		29.56		23.98		3.83	3.81
VHT40	MCS0	2	142	5710	33.61	33.40	38.73	38.04	23.98		30.00		23.98		3.225	3.063
VHT80	MCS0	2	138	5690	73.42	73.05	81.34	81.05	23.98		30.00		23.98		2.92	2.984
6dB Bandwidth Limit ≥ 500kHz															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 5	Ant 8	Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8	
11a	6Mbps	2	100	5500	0.03	0.04	-		8.49	11.00		-0.58		Pass
11a	6Mbps	2	120	5600	0.03	0.04			8.33	11.00		-0.58		Pass
11a	6Mbps	2	140	5700	0.03	0.04			8.92	11.00		-0.58		Pass
VHT20	MCS0	2	100	5500	0.02	0.02			7.41	11.00		-0.58		Pass
VHT20	MCS0	2	120	5600	0.02	0.02			6.96	11.00		-0.58		Pass
VHT20	MCS0	2	140	5700	0.02	0.02			7.56	11.00		-0.58		Pass
VHT40	MCS0	2	102	5510	0.02	0.01			3.63	11.00		-0.58		Pass
VHT40	MCS0	2	118	5590	0.02	0.01			3.72	11.00		-0.58		Pass
VHT40	MCS0	2	134	5670	0.02	0.01			3.37	11.00		-0.58		Pass
VHT80	MCS0	2	106	5530	0.02	0.02			0.45	11.00		-0.58		Pass
VHT80	MCS0	2	122	5610	0.02	0.02			-1.41	11.00		-0.58		Pass
VHT160	MCS0	2	114	5570	0.02	0.02			-3.82	11.00		-0.58		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 5	Ant 8	Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8	
11a	6Mbps	2	144	5720	0.03	0.04	-		8.59	11.00		-0.58		Pass
VHT20	MCS0	2	144	5720	0.02	0.02			7.73	11.00		-0.58		Pass
VHT40	MCS0	2	142	5710	0.02	0.01			3.65	11.00		-0.58		Pass
VHT80	MCS0	2	138	5690	0.02	0.02			0.34	11.00		-0.58		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
HE20	MCS0	2	36	5180	Full	14.62	14.87	17.76	24.00		-4.10			Pass
HE20	MCS0	2	36	5180	26/0	5.58	5.44	8.52	24.00		-4.10			Pass
HE20	MCS0	2	36	5180	52/37	8.04	8.13	11.10	24.00		-4.10			Pass
HE20	MCS0	2	36	5180	106/53	11.85	11.81	14.84	24.00		-4.10			Pass
HE20	MCS0	2	44	5220	Full	14.77	14.91	17.85	24.00		-4.10			Pass
HE20	MCS0	2	44	5220	26/4	6.40	6.31	9.37	24.00		-4.10			Pass
HE20	MCS0	2	44	5220	52/38	8.00	8.72	11.39	24.00		-4.10			Pass
HE20	MCS0	2	44	5220	106/53	11.52	11.57	14.56	24.00		-4.10			Pass
HE20	MCS0	2	48	5240	Full	14.76	14.57	17.68	24.00		-4.10			Pass
HE20	MCS0	2	48	5240	26/8	5.30	4.99	8.16	24.00		-4.10			Pass
HE20	MCS0	2	48	5240	52/40	8.40	8.25	11.34	24.00		-4.10			Pass
HE20	MCS0	2	48	5240	106/54	11.50	11.19	14.36	24.00		-4.10			Pass
HE40	MCS0	2	38	5190	Full	14.53	14.85	17.70	24.00		-4.10			Pass
HE40	MCS0	2	38	5190	242/61	14.82	14.70	17.77	24.00		-4.10			Pass
HE40	MCS0	2	46	5230	Full	14.79	14.71	17.76	24.00		-4.10			Pass
HE40	MCS0	2	46	5230	242/62	14.61	14.48	17.56	24.00		-4.10			Pass
HE80	MCS0	2	42	5210	Full	14.80	14.81	17.82	24.00		-4.10			Pass
HE80	MCS0	2	42	5210	484/65	14.69	14.61	17.66	24.00		-4.10			Pass
HE160	MCS0	2	50	5250	Full	14.70	14.47	17.60	24.00		-4.10			Pass
HE160	MCS0	2	50	5250	996/67	14.98	14.71	17.86	24.00		-4.10			Pass
HE160	MCS0	2	50	5250	996/68	14.87	14.83	17.86	24.00		-4.10			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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
HE20	MCS0	2	52	5260	Full	14.80	14.43	17.63	23.98		-3.10		30	Pass
HE20	MCS0	2	52	5260	26/0	5.44	5.24	8.35	23.98		-3.10		30	Pass
HE20	MCS0	2	52	5260	52/37	8.53	8.46	11.51	23.98		-3.10		30	Pass
HE20	MCS0	2	52	5260	106/53	11.53	11.28	14.42	23.98		-3.10		30	Pass
HE20	MCS0	2	60	5300	Full	14.89	14.51	17.71	23.98		-3.10		30	Pass
HE20	MCS0	2	60	5300	26/4	6.48	5.93	9.22	23.98		-3.10		30	Pass
HE20	MCS0	2	60	5300	52/38	8.74	8.47	11.62	23.98		-3.10		30	Pass
HE20	MCS0	2	60	5300	106/53	11.48	11.36	14.43	23.98		-3.10		30	Pass
HE20	MCS0	2	64	5320	Full	14.96	14.57	17.78	23.98		-3.10		30	Pass
HE20	MCS0	2	64	5320	26/8	5.56	5.10	8.35	23.98		-3.10		30	Pass
HE20	MCS0	2	64	5320	52/40	8.26	7.77	11.03	23.98		-3.10		30	Pass
HE20	MCS0	2	64	5320	106/54	11.72	11.15	14.45	23.98		-3.10		30	Pass
HE40	MCS0	2	54	5270	Full	14.91	14.47	17.71	23.98		-3.10		30	Pass
HE40	MCS0	2	54	5270	242/61	14.82	14.34	17.60	23.98		-3.10		30	Pass
HE40	MCS0	2	62	5310	Full	14.50	14.57	17.55	23.98		-3.10		30	Pass
HE40	MCS0	2	62	5310	242/62	14.78	14.28	17.55	23.98		-3.10		30	Pass
HE80	MCS0	2	58	5290	Full	14.89	14.50	17.71	23.98		-3.10		30	Pass
HE80	MCS0	2	58	5290	484/66	14.89	14.61	17.76	23.98		-3.10		30	Pass
HE160	MCS0	2	50	5250	Full	14.70	14.47	17.60	23.98		-3.10		30	Pass
HE160	MCS0	2	50	5250	996/67	14.98	14.71	17.86	23.98		-3.10		30	Pass
HE160	MCS0	2	50	5250	996/68	14.87	14.83	17.86	23.98		-3.10		30	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C 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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
HE20	MCS0	2	100	5500	Full	14.82	14.57	17.71	23.98		-2.30		30	Pass
HE20	MCS0	2	100	5500	26/0	5.77	5.32	8.56	23.98		-2.30		30	Pass
HE20	MCS0	2	100	5500	52/37	9.36	8.41	11.92	23.98		-2.30		30	Pass
HE20	MCS0	2	100	5500	106/53	12.09	11.50	14.82	23.98		-2.30		30	Pass
HE20	MCS0	2	116	5580	Full	14.98	14.57	17.79	23.98		-2.30		30	Pass
HE20	MCS0	2	116	5580	26/4	6.45	5.88	9.18	23.98		-2.30		30	Pass
HE20	MCS0	2	116	5580	52/38	9.18	8.13	11.70	23.98		-2.30		30	Pass
HE20	MCS0	2	116	5580	106/53	10.92	10.78	13.86	23.98		-2.30		30	Pass
HE20	MCS0	2	140	5700	Full	14.42	14.60	17.52	23.98		-2.30		30	Pass
HE20	MCS0	2	140	5700	26/8	5.35	5.32	8.35	23.98		-2.30		30	Pass
HE20	MCS0	2	140	5700	52/40	7.90	7.77	10.85	23.98		-2.30		30	Pass
HE20	MCS0	2	140	5700	106/54	11.05	10.77	13.92	23.98		-2.30		30	Pass
HE40	MCS0	2	102	5510	Full	14.77	14.60	17.70	23.98		-2.30		30	Pass
HE40	MCS0	2	102	5510	242/61	14.77	14.34	17.57	23.98		-2.30		30	Pass
HE40	MCS0	2	110	5550	Full	14.70	14.72	17.72	23.98		-2.30		30	Pass
HE40	MCS0	2	110	5550	242/61	14.75	14.41	17.59	23.98		-2.30		30	Pass
HE40	MCS0	2	134	5670	Full	14.62	14.64	17.64	23.98		-2.30		30	Pass
HE40	MCS0	2	134	5670	242/62	14.62	14.24	17.44	23.98		-2.30		30	Pass
HE80	MCS0	2	106	5530	Full	14.65	14.60	17.64	23.98		-2.30		30	Pass
HE80	MCS0	2	106	5530	484/65	14.84	14.40	17.64	23.98		-2.30		30	Pass
HE80	MCS0	2	122	5610	Full	14.60	14.54	17.58	23.98		-2.30		30	Pass
HE160	MCS0	2	114	5570	Full	14.60	14.42	17.52	23.98		-2.30		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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
HE20	MCS0	2	144	5720	Full	14.55	14.60	17.59	23.98		-2.30		30	Pass
HE20	MCS0	2	144	5720	26/8	5.70	5.12	8.43	23.98		-2.30		30	Pass
HE20	MCS0	2	144	5720	52/40	8.06	7.84	10.96	23.98		-2.30		30	Pass
HE20	MCS0	2	144	5720	106/54	11.20	10.76	14.00	23.98		-2.30		30	Pass
HE40	MCS0	2	142	5710	Full	14.50	14.54	17.53	23.98		-2.30		30	Pass
HE40	MCS0	2	142	5710	242/62	14.65	14.32	17.50	23.98		-2.30		30	Pass
HE80	MCS0	2	138	5690	Full	14.55	14.72	17.65	23.98		-2.30		30	Pass
HE80	MCS0	2	138	5690	484/66	14.48	14.21	17.36	23.98		-2.30		30	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
EHT20	MCS0	2	36	5180	Full	14.75	14.97	17.87	24.00		-4.10			Pass
EHT20	MCS0	2	36	5180	26/0	5.60	5.48	8.55	24.00		-4.10			Pass
EHT20	MCS0	2	36	5180	52/37	8.05	8.16	11.12	24.00		-4.10			Pass
EHT20	MCS0	2	36	5180	106/53	11.95	11.94	14.96	24.00		-4.10			Pass
EHT20	MCS0	2	36	5180	52T+26T/70	10.54	10.29	13.43	24.00		-4.10			Pass
EHT20	MCS0	2	36	5180	106T+26T/82	12.88	12.92	15.91	24.00		-4.10			Pass
EHT20	MCS0	2	44	5220	Full	14.92	14.95	17.95	24.00		-4.10			Pass
EHT20	MCS0	2	44	5220	26/4	6.41	6.37	9.40	24.00		-4.10			Pass
EHT20	MCS0	2	44	5220	52/38	8.01	8.73	11.40	24.00		-4.10			Pass
EHT20	MCS0	2	44	5220	106/53	11.53	11.66	14.61	24.00		-4.10			Pass
EHT20	MCS0	2	44	5220	52T+26T/71	10.57	10.28	13.44	24.00		-4.10			Pass
EHT20	MCS0	2	44	5220	106T+26T/83	12.76	12.66	15.72	24.00		-4.10			Pass
EHT20	MCS0	2	48	5240	Full	14.82	14.67	17.76	24.00		-4.10			Pass
EHT20	MCS0	2	48	5240	26/8	5.31	5.00	8.17	24.00		-4.10			Pass
EHT20	MCS0	2	48	5240	52/40	8.41	8.27	11.35	24.00		-4.10		-	Pass
EHT20	MCS0	2	48	5240	106/54	11.63	11.22	14.44	24.00		-4.10			Pass
EHT20	MCS0	2	48	5240	52T+26T/72	10.81	10.44	13.64	24.00		-4.10			Pass
EHT20	MCS0	2	48	5240	106T+26T/83	12.75	12.36	15.57	24.00		-4.10			Pass
EHT40	MCS0	2	38	5190	Full	14.66	14.92	17.80	24.00		-4.10			Pass
EHT40	MCS0	2	38	5190	242/61	14.83	14.73	17.79	24.00		-4.10			Pass
EHT40	MCS0	2	46	5230	Full	14.89	14.82	17.87	24.00		-4.10			Pass
EHT40	MCS0	2	46	5230	242/62	14.69	14.57	17.64	24.00		-4.10			Pass
EHT80	MCS0	2	42	5210	Full	14.92	14.92	17.93	24.00		-4.10			Pass
EHT80	MCS0	2	42	5210	484/65	14.75	14.62	17.70	24.00		-4.10			Pass
EHT80	MCS0	2	42	5210	Puncture 20/8	13.50	13.35	16.44	24.00		-4.10			Pass
EHT160	MCS0	2	50	5250	Full	14.72	14.56	17.65	24.00		-4.10			Pass
EHT160	MCS0	2	50	5250	996/67	14.99	14.72	17.87	24.00		-4.10			Pass
EHT160	MCS0	2	50	5250	996/68	14.88	14.84	17.87	24.00		-4.10			Pass
EHT160	MCS0	2	50	5250	Puncture40/19	13.84	13.53	16.70	24.00		-4.10			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 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8		
EHT20	MCS0	2	36	5180	Full	19.15	19.18	23.67	23.83	-		22.82		-	-
EHT20	MCS0	2	44	5220	Full	19.17	19.17	23.26	23.54	-		22.83			
EHT20	MCS0	2	48	5240	Full	19.17	19.20	23.76	24.04	-		22.83			
EHT40	MCS0	2	38	5190	Full	38.16	38.10	45.42	43.90	-		23.01			
EHT40	MCS0	2	46	5230	Full	38.20	38.16	45.34	45.15	-		23.01			
EHT80	MCS0	2	42	5210	Full	77.73	77.61	91.36	89.70	-		23.01			
EHT160	MCS0	2	50	5250	Full	157.01	156.95	176.59	175.01	-		23.01			

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N _{rx}	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 5	Ant 8	Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8	
EHT20	MCS0	2	36	5180	Full	0.01	0.02	-		7.38	11.00		-2.03		Pass
EHT20	MCS0	2	36	5180	26/0	0.17	0.17			6.99	11.00		-2.03		Pass
EHT20	MCS0	2	36	5180	52/37	0.18	0.18			7.36	11.00		-2.03		Pass
EHT20	MCS0	2	36	5180	106/53	0.16	0.15			7.04	11.00		-2.03		Pass
EHT20	MCS0	2	36	5180	52T+26T/70	0.20	0.18			7.15	11.00		-2.03		Pass
EHT20	MCS0	2	36	5180	106T+26T/82	0.13	0.12			7.19	11.00		-2.03		Pass
EHT20	MCS0	2	44	5220	Full	0.01	0.02			7.30	11.00		-2.03		Pass
EHT20	MCS0	2	44	5220	26/4	0.17	0.17			6.89	11.00		-2.03		Pass
EHT20	MCS0	2	44	5220	52/38	0.18	0.18			6.91	11.00		-2.03		Pass
EHT20	MCS0	2	44	5220	106/53	0.16	0.15			7.03	11.00		-2.03		Pass
EHT20	MCS0	2	44	5220	52T+26T/71	0.20	0.18			7.07	11.00		-2.03		Pass
EHT20	MCS0	2	44	5220	106T+26T/83	0.13	0.12			7.14	11.00		-2.03		Pass
EHT20	MCS0	2	48	5240	Full	0.01	0.02			7.12	11.00		-2.03		Pass
EHT20	MCS0	2	48	5240	26/8	0.17	0.17			6.85	11.00		-2.03		Pass
EHT20	MCS0	2	48	5240	52/40	0.18	0.18			6.69	11.00		-2.03		Pass
EHT20	MCS0	2	48	5240	106/54	0.16	0.15			6.81	11.00		-2.03		Pass
EHT20	MCS0	2	48	5240	52T+26T/72	0.20	0.18			6.58	11.00		-2.03		Pass
EHT20	MCS0	2	48	5240	106T+26T/83	0.13	0.12			7.01	11.00		-2.03		Pass
EHT40	MCS0	2	38	5190	Full	0.01	0.02			3.54	11.00		-2.03		Pass
EHT40	MCS0	2	38	5190	242/61	0.23	0.23			6.77	11.00		-2.03		Pass
EHT40	MCS0	2	46	5230	Full	0.01	0.02			3.04	11.00		-2.03		Pass
EHT40	MCS0	2	46	5230	242/62	0.23	0.23			6.45	11.00		-2.03		Pass
EHT80	MCS0	2	42	5210	Full	0.01	0.01			0.78	11.00		-2.03		Pass
EHT80	MCS0	2	42	5210	484/65	0.24	0.24			3.28	11.00		-2.03		Pass
EHT80	MCS0	2	42	5210	Puncture 20/8	0.01	0.02			0.51	11.00		-2.03		Pass
EHT160	MCS0	2	50	5250	Full	0.02	0.02			-2.40	11.00		-2.03		Pass
EHT160	MCS0	2	50	5250	996/67	0.24	0.25			0.11	11.00		-2.03		Pass
EHT160	MCS0	2	50	5250	996/68	0.24	0.25			0.41	11.00		-2.03		Pass
EHT160	MCS0	2	50	5250	Puncture40/19	0.01	0.03			-2.67	11.00		-2.03		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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
EHT20	MCS0	2	52	5260	Full	14.81	14.67	17.75	23.98		-3.10		30	Pass
EHT20	MCS0	2	52	5260	26/0	5.45	5.27	8.37	23.98		-3.10		30	Pass
EHT20	MCS0	2	52	5260	52/37	8.72	8.80	11.77	23.98		-3.10		30	Pass
EHT20	MCS0	2	52	5260	106/53	11.80	11.52	14.67	23.98		-3.10		30	Pass
EHT20	MCS0	2	52	5260	52T+26T/70	10.45	10.37	13.42	23.98		-3.10		30	Pass
EHT20	MCS0	2	52	5260	106T+26T/82	12.52	12.15	15.35	23.98		-3.10		30	Pass
EHT20	MCS0	2	60	5300	Full	14.97	14.61	17.80	23.98		-3.10		30	Pass
EHT20	MCS0	2	60	5300	26/4	6.50	5.94	9.24	23.98		-3.10		30	Pass
EHT20	MCS0	2	60	5300	52/38	8.75	8.54	11.66	23.98		-3.10		30	Pass
EHT20	MCS0	2	60	5300	106/53	11.53	11.37	14.46	23.98		-3.10		30	Pass
EHT20	MCS0	2	60	5300	52T+26T/71	10.23	10.10	13.18	23.98		-3.10		30	Pass
EHT20	MCS0	2	60	5300	106T+26T/83	12.47	12.01	15.26	23.98		-3.10		30	Pass
EHT20	MCS0	2	64	5320	Full	14.98	14.67	17.84	23.98		-3.10		30	Pass
EHT20	MCS0	2	64	5320	26/8	5.57	5.12	8.36	23.98		-3.10		30	Pass
EHT20	MCS0	2	64	5320	52/40	8.45	8.00	11.24	23.98		-3.10		30	Pass
EHT20	MCS0	2	64	5320	106/54	11.82	11.25	14.55	23.98		-3.10		30	Pass
EHT20	MCS0	2	64	5320	52T+26T/72	10.82	10.50	13.67	23.98		-3.10		30	Pass
EHT20	MCS0	2	64	5320	106T+26T/83	13.13	12.48	15.83	23.98		-3.10		30	Pass
EHT40	MCS0	2	54	5270	Full	14.92	14.58	17.76	23.98		-3.10		30	Pass
EHT40	MCS0	2	54	5270	242/61	14.91	14.57	17.75	23.98		-3.10		30	Pass
EHT40	MCS0	2	62	5310	Full	14.61	14.66	17.65	23.98		-3.10		30	Pass
EHT40	MCS0	2	62	5310	242/62	14.98	14.58	17.79	23.98		-3.10		30	Pass
EHT80	MCS0	2	58	5290	Full	14.95	14.62	17.80	23.98		-3.10		30	Pass
EHT80	MCS0	2	58	5290	484/66	14.90	14.66	17.79	23.98		-3.10		30	Pass
EHT80	MCS0	2	58	5290	Puncture 20/1	13.43	12.99	16.23	23.98		-3.10		30	Pass
EHT160	MCS0	2	50	5250	Full	14.72	14.56	17.65	23.98		-3.10		30	Pass
EHT160	MCS0	2	50	5250	996/67	14.99	14.72	17.87	23.98		-3.10		30	Pass
EHT160	MCS0	2	50	5250	996/68	14.88	14.84	17.87	23.98		-3.10		30	Pass
EHT160	MCS0	2	50	5250	Puncture40/19	13.84	13.53	16.70	23.98		-3.10		30	Pass

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 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	
EHT20	MCS0	2	52	5260	Full	19.16	19.20	23.66	23.17	23.82		29.82		23.98		-
EHT20	MCS0	2	60	5300	Full	19.17	19.18	23.49	23.91	23.83		29.83		23.98		
EHT20	MCS0	2	64	5320	Full	19.16	19.19	23.74	23.72	23.82		29.82		23.98		
EHT40	MCS0	2	54	5270	Full	38.17	38.17	44.53	44.46	23.98		30.00		23.98		
EHT40	MCS0	2	62	5310	Full	38.17	38.16	44.08	43.90	23.98		30.00		23.98		
EHT80	MCS0	2	58	5290	Full	77.73	77.60	91.55	87.49	23.98		30.00		23.98		
EHT160	MCS0	2	50	5250	Full	157.01	156.95	176.59	175.01	23.98		30.00		23.98		

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 5	Ant 8	Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
EHT20	MCS0	2	52	5260	Full	0.01	0.02	-		7.37	11.00	-0.99			Pass	
EHT20	MCS0	2	52	5260	26/0	0.17	0.17			6.92	11.00	-0.99			Pass	
EHT20	MCS0	2	52	5260	52/37	0.18	0.18			7.21	11.00	-0.99			Pass	
EHT20	MCS0	2	52	5260	106/53	0.16	0.15			7.00	11.00	-0.99			Pass	
EHT20	MCS0	2	52	5260	52T+26T/70	0.20	0.18			6.58	11.00	-0.99			Pass	
EHT20	MCS0	2	52	5260	106T+26T/82	0.13	0.12			7.19	11.00	-0.99			Pass	
EHT20	MCS0	2	60	5300	Full	0.01	0.02			7.48	11.00	-0.99			Pass	
EHT20	MCS0	2	60	5300	26/4	0.17	0.17			7.04	11.00	-0.99			Pass	
EHT20	MCS0	2	60	5300	52/38	0.18	0.18			7.04	11.00	-0.99			Pass	
EHT20	MCS0	2	60	5300	106/53	0.16	0.15			7.14	11.00	-0.99			Pass	
EHT20	MCS0	2	60	5300	52T+26T/71	0.20	0.18			7.20	11.00	-0.99			Pass	
EHT20	MCS0	2	60	5300	106T+26T/83	0.13	0.12			7.29	11.00	-0.99			Pass	
EHT20	MCS0	2	64	5320	Full	0.01	0.02			7.21	11.00	-0.99			Pass	
EHT20	MCS0	2	64	5320	26/8	0.17	0.17			7.06	11.00	-0.99			Pass	
EHT20	MCS0	2	64	5320	52/40	0.18	0.18			6.94	11.00	-0.99			Pass	
EHT20	MCS0	2	64	5320	106/54	0.16	0.15			6.86	11.00	-0.99			Pass	
EHT20	MCS0	2	64	5320	52T+26T/72	0.20	0.18			6.35	11.00	-0.99			Pass	
EHT20	MCS0	2	64	5320	106T+26T/83	0.13	0.12			7.15	11.00	-0.99			Pass	
EHT40	MCS0	2	54	5270	Full	0.01	0.02			3.42	11.00	-0.99			Pass	
EHT40	MCS0	2	54	5270	242/61	0.23	0.23			6.42	11.00	-0.99			Pass	
EHT40	MCS0	2	62	5310	Full	0.01	0.02			3.41	11.00	-0.99			Pass	
EHT40	MCS0	2	62	5310	242/62	0.23	0.23			6.46	11.00	-0.99			Pass	
EHT80	MCS0	2	58	5290	Full	0.01	0.01			0.65	11.00	-0.99			Pass	
EHT80	MCS0	2	58	5290	484/66	0.24	0.24			3.60	11.00	-0.99			Pass	
EHT80	MCS0	2	58	5290	Puncture 20/1	0.01	0.02			0.45	11.00	-0.99			Pass	
EHT160	MCS0	2	50	5250	Full	0.02	0.02			-2.40	11.00	-0.99			Pass	
EHT160	MCS0	2	50	5250	996/67	0.24	0.25			0.11	11.00	-0.99			Pass	
EHT160	MCS0	2	50	5250	996/68	0.24	0.25			0.41	11.00	-0.99			Pass	
EHT160	MCS0	2	50	5250	Puncture40/19	0.01	0.03			-2.67	11.00	-0.99			Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C 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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
EHT20	MCS0	2	100	5500	Full	14.88	14.63	17.77	23.98		-2.30		30	Pass
EHT20	MCS0	2	100	5500	26/0	5.99	5.42	8.72	23.98		-2.30		30	Pass
EHT20	MCS0	2	100	5500	52/37	9.37	8.42	11.93	23.98		-2.30		30	Pass
EHT20	MCS0	2	100	5500	106/53	12.10	11.52	14.83	23.98		-2.30		30	Pass
EHT20	MCS0	2	100	5500	52T+26T/70	10.52	10.32	13.43	23.98		-2.30		30	Pass
EHT20	MCS0	2	100	5500	106T+26T/82	12.71	12.14	15.44	23.98		-2.30		30	Pass
EHT20	MCS0	2	116	5580	Full	14.99	14.68	17.85	23.98		-2.30		30	Pass
EHT20	MCS0	2	116	5580	26/4	6.64	5.91	9.30	23.98		-2.30		30	Pass
EHT20	MCS0	2	116	5580	52/38	9.21	8.14	11.72	23.98		-2.30		30	Pass
EHT20	MCS0	2	116	5580	106/53	10.95	10.82	13.90	23.98		-2.30		30	Pass
EHT20	MCS0	2	116	5580	52T+26T/71	10.62	10.27	13.46	23.98		-2.30		30	Pass
EHT20	MCS0	2	116	5580	106T+26T/83	12.38	12.06	15.23	23.98		-2.30		30	Pass
EHT20	MCS0	2	140	5700	Full	14.53	14.64	17.60	23.98		-2.30		30	Pass
EHT20	MCS0	2	140	5700	26/8	5.36	5.33	8.36	23.98		-2.30		30	Pass
EHT20	MCS0	2	140	5700	52/40	8.20	8.18	11.20	23.98		-2.30		30	Pass
EHT20	MCS0	2	140	5700	106/54	11.40	11.22	14.32	23.98		-2.30		30	Pass
EHT20	MCS0	2	140	5700	52T+26T/72	10.53	10.23	13.39	23.98		-2.30		30	Pass
EHT20	MCS0	2	140	5700	106T+26T/83	12.61	12.31	15.47	23.98		-2.30		30	Pass
EHT40	MCS0	2	102	5510	Full	14.82	14.71	17.78	23.98		-2.30		30	Pass
EHT40	MCS0	2	102	5510	242/61	14.81	14.54	17.69	23.98		-2.30		30	Pass
EHT40	MCS0	2	110	5550	Full	14.72	14.81	17.78	23.98		-2.30		30	Pass
EHT40	MCS0	2	110	5550	242/61	14.85	14.50	17.69	23.98		-2.30		30	Pass
EHT40	MCS0	2	134	5670	Full	14.70	14.72	17.72	23.98		-2.30		30	Pass
EHT40	MCS0	2	134	5670	242/62	14.83	14.52	17.69	23.98		-2.30		30	Pass
EHT80	MCS0	2	106	5530	Full	14.90	14.78	17.85	23.98		-2.30		30	Pass
EHT80	MCS0	2	106	5530	484/65	14.85	14.41	17.65	23.98		-2.30		30	Pass
EHT80	MCS0	2	106	5530	Puncture 20/8	13.38	12.60	16.02	23.98		-2.30		30	Pass
EHT80	MCS0	2	122	5610	Full	14.70	14.64	17.68	23.98		-2.30		30	Pass
EHT80	MCS0	2	122	5610	484/66	14.60	14.44	17.53	23.98		-2.30		30	Pass
EHT80	MCS0	2	122	5610	Puncture 20/4	14.60	14.54	17.58	23.98		-2.30		30	Pass
EHT80	MCS0	2	122	5610	Puncture 20/2	14.50	14.54	17.53	23.98		-2.30		30	Pass
EHT160	MCS0	2	114	5570	Full	14.70	14.52	17.62	23.98		-2.30		30	Pass
EHT160	MCS0	2	114	5570	996/67	14.60	14.42	17.52	23.98		-2.30		30	Pass
EHT160	MCS0	2	114	5570	996/68	14.60	14.42	17.52	23.98		-2.30		30	Pass
EHT160	MCS0	2	114	5570	Puncture40/192	14.50	14.92	17.73	23.98		-2.30		30	Pass

FCC U-NII-2C straddle channel 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 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
EHT20	MCS0	2	144	5720	Full	14.68	14.72	17.71	23.98		-2.30		30	Pass
EHT20	MCS0	2	144	5720	26/8	5.73	5.27	8.52	23.98		-2.30		30	Pass
EHT20	MCS0	2	144	5720	52/40	8.10	7.87	11.00	23.98		-2.30		30	Pass
EHT20	MCS0	2	144	5720	106/54	11.40	10.97	14.20	23.98		-2.30		30	Pass
EHT20	MCS0	2	144	5720	52T+26T/72	10.34	9.84	13.11	23.98		-2.30		30	Pass
EHT20	MCS0	2	144	5720	106T+26T/83	12.38	11.90	15.16	23.98		-2.30		30	Pass
EHT40	MCS0	2	142	5710	Full	14.52	14.71	17.63	23.98		-2.30		30	Pass
EHT40	MCS0	2	142	5710	242/62	14.82	14.60	17.72	23.98		-2.30		30	Pass
EHT80	MCS0	2	138	5690	Full	14.60	14.74	17.68	23.98		-2.30		30	Pass
EHT80	MCS0	2	138	5690	484/66	14.50	14.50	17.51	23.98		-2.30		30	Pass
EHT80	MCS0	2	138	5690	Puncture 20/1	13.15	12.62	15.90	23.98		-2.30		30	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N _{rx}	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 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8
EHT20	MCS0	2	100	5500	Full	19.17	19.20	23.66	23.76	23.83		29.83		23.98		----	----
EHT20	MCS0	2	120	5600	Full	19.17	19.20	23.54	23.69	23.83		29.83		23.98		----	----
EHT20	MCS0	2	140	5700	Full	19.15	19.18	23.30	23.81	23.82		29.82		23.98		----	----
EHT40	MCS0	2	102	5510	Full	38.18	38.13	45.33	44.43	23.98		30.00		23.98		----	----
EHT40	MCS0	2	118	5590	Full	38.19	38.14	44.64	44.72	23.98		30.00		23.98		----	----
EHT40	MCS0	2	134	5670	Full	38.23	38.19	45.31	44.86	23.98		30.00		23.98		----	----
EHT80	MCS0	2	106	5530	Full	77.73	77.59	90.62	90.30	23.98		30.00		23.98		----	----
EHT80	MCS0	2	122	5610	Full	77.81	77.66	90.46	88.06	23.98		30.00		23.98		----	----
EHT160	MCS0	2	114	5570	Full	157.23	157.16	175.06	174.29	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N _{rx}	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 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8	Ant 5	Ant 8
EHT20	MCS0	2	144	5720	Full	14.59	14.59	16.75	16.78	23.83		29.83		23.98		4.45	4.455
EHT40	MCS0	2	142	5710	Full	34.06	34.08	37.16	36.98	23.98		30.00		23.98		3.855	4.044
EHT80	MCS0	2	138	5690	Full	73.89	73.84	80.54	80.18	23.98		30.00		23.98		3.528	3.688
6dB Bandwidth Limit ≥ 500kHz																Pass	

TEST RESULTS DATA
Power Spectral Density

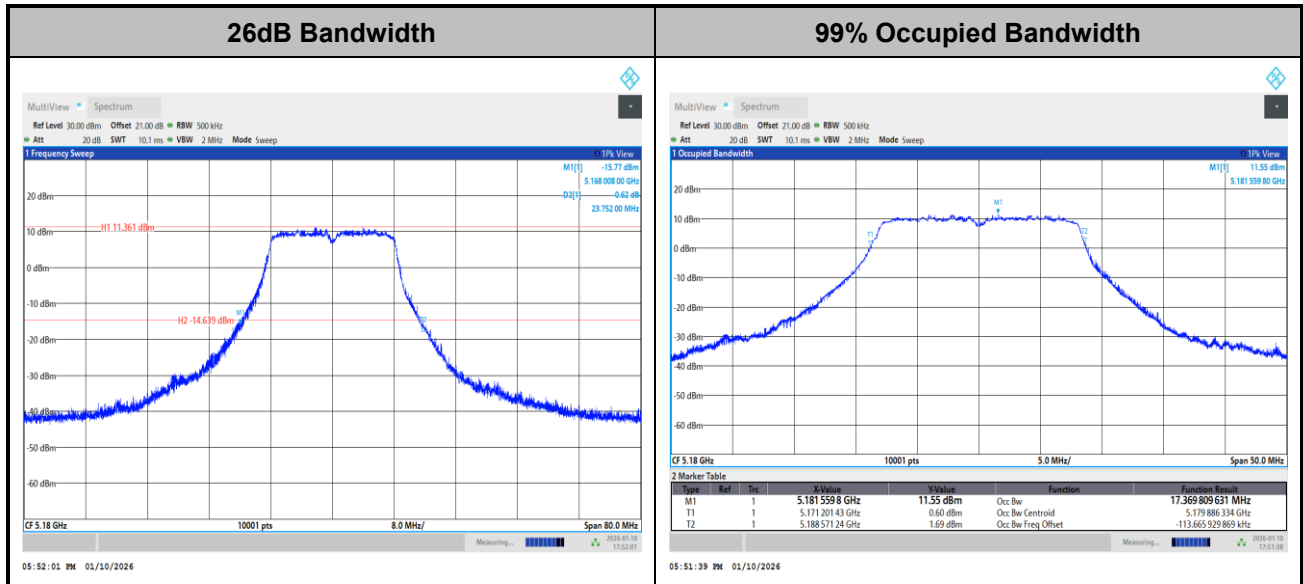
U-NII-2C MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 5	Ant 8	Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
EHT20	MCS0	2	100	5500	Full	0.01	0.02	-		7.09	11.00		-0.58		Pass	
EHT20	MCS0	2	100	5500	26/0	0.17	0.17			7.08	11.00		-0.58		Pass	
EHT20	MCS0	2	100	5500	52/37	0.18	0.18			6.76	11.00		-0.58		Pass	
EHT20	MCS0	2	100	5500	106/53	0.16	0.15			6.61	11.00		-0.58		Pass	
EHT20	MCS0	2	100	5500	52T+26T/70	0.20	0.18			6.72	11.00		-0.58		Pass	
EHT20	MCS0	2	100	5500	106T+26T/82	0.13	0.12			6.87	11.00		-0.58		Pass	
EHT20	MCS0	2	120	5600	Full	0.01	0.02			6.79	11.00		-0.58		Pass	
EHT20	MCS0	2	120	5600	26/4	0.17	0.17			6.43	11.00		-0.58		Pass	
EHT20	MCS0	2	120	5600	52/38	0.18	0.18			6.40	11.00		-0.58		Pass	
EHT20	MCS0	2	120	5600	106/53	0.16	0.15			6.73	11.00		-0.58		Pass	
EHT20	MCS0	2	120	5600	52T+26T/71	0.20	0.18			6.55	11.00		-0.58		Pass	
EHT20	MCS0	2	120	5600	106T+26T/83	0.13	0.12			6.75	11.00		-0.58		Pass	
EHT20	MCS0	2	140	5700	Full	0.01	0.02			7.44	11.00		-0.58		Pass	
EHT20	MCS0	2	140	5700	26/8	0.17	0.17			7.21	11.00		-0.58		Pass	
EHT20	MCS0	2	140	5700	52/40	0.18	0.18			7.38	11.00		-0.58		Pass	
EHT20	MCS0	2	140	5700	106/54	0.16	0.15			7.30	11.00		-0.58		Pass	
EHT20	MCS0	2	140	5700	52T+26T/72	0.20	0.18			6.78	11.00		-0.58		Pass	
EHT20	MCS0	2	140	5700	106T+26T/83	0.13	0.12			6.96	11.00		-0.58		Pass	
EHT40	MCS0	2	102	5510	Full	0.01	0.02			3.32	11.00		-0.58		Pass	
EHT40	MCS0	2	102	5510	242/61	0.23	0.23			6.15	11.00		-0.58		Pass	
EHT40	MCS0	2	118	5590	Full	0.01	0.02			3.38	11.00		-0.58		Pass	
EHT40	MCS0	2	118	5590	242/61	0.23	0.23			6.19	11.00		-0.58		Pass	
EHT40	MCS0	2	134	5670	Full	0.01	0.02			2.96	11.00		-0.58		Pass	
EHT40	MCS0	2	134	5670	242/62	0.23	0.23			6.32	11.00		-0.58		Pass	
EHT80	MCS0	2	106	5530	Full	0.01	0.01			0.33	11.00		-0.58		Pass	
EHT80	MCS0	2	106	5530	484/65	0.24	0.24			2.95	11.00		-0.58		Pass	
EHT80	MCS0	2	106	5530	Puncture 20/8	0.01	0.02			0.21	11.00		-0.58		Pass	
EHT80	MCS0	2	122	5610	Full	0.01	0.01			-1.13	11.00		-0.58		Pass	
EHT80	MCS0	2	122	5610	484/66	0.24	0.24			1.85	11.00		-0.58		Pass	
EHT80	MCS0	2	122	5610	Puncture 20/4	0.01	0.02			0.43	11.00		-0.58		Pass	
EHT80	MCS0	2	122	5610	Puncture 20/2	0.01	0.02			0.16	11.00		-0.58		Pass	
EHT160	MCS0	2	114	5570	Full	0.02	0.02			-3.73	11.00		-0.58		Pass	
EHT160	MCS0	2	114	5570	996/67	0.24	0.25		-0.99	11.00		-0.58		Pass		
EHT160	MCS0	2	114	5570	996/68	0.24	0.25		-0.73	11.00		-0.58		Pass		
EHT160	MCS0	2	114	5570	Puncture40/19	0.01	0.03		-2.75	11.00		-0.58		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 5	Ant 8	Ant 5	Ant 8	SUM	Ant 5	Ant 8	Ant 5	Ant 8		
EHT20	MCS0	2	144	5720	Full	0.01	0.02	-		7.23	11.00		-0.58	-	Pass	
EHT20	MCS0	2	144	5720	26/8	0.17	0.17			6.82	11.00		-0.58		Pass	
EHT20	MCS0	2	144	5720	52/40	0.18	0.18			7.04	11.00		-0.58		Pass	
EHT20	MCS0	2	144	5720	106/54	0.16	0.15			6.93	11.00		-0.58		Pass	
EHT20	MCS0	2	144	5720	52T+26T/72	0.20	0.18			6.81	11.00		-0.58		Pass	
EHT20	MCS0	2	144	5720	106T+26T/83	0.13	0.12			6.92	11.00		-0.58		Pass	
EHT40	MCS0	2	142	5710	Full	0.01	0.02			3.30	11.00		-0.58		Pass	
EHT40	MCS0	2	142	5710	242/62	0.23	0.23			6.63	11.00		-0.58		Pass	
EHT80	MCS0	2	138	5690	Full	0.01	0.01			0.23	11.00		-0.58		Pass	
EHT80	MCS0	2	138	5690	484/66	0.24	0.24			3.61	11.00		-0.58		Pass	
EHT80	MCS0	2	138	5690	Puncture 20/1	0.01	0.02		0.09	11.00		-0.58	Pass			

**Test Result of 26dB & 99% Occupied Bandwidth**

MIMO <Ant. 5+8>

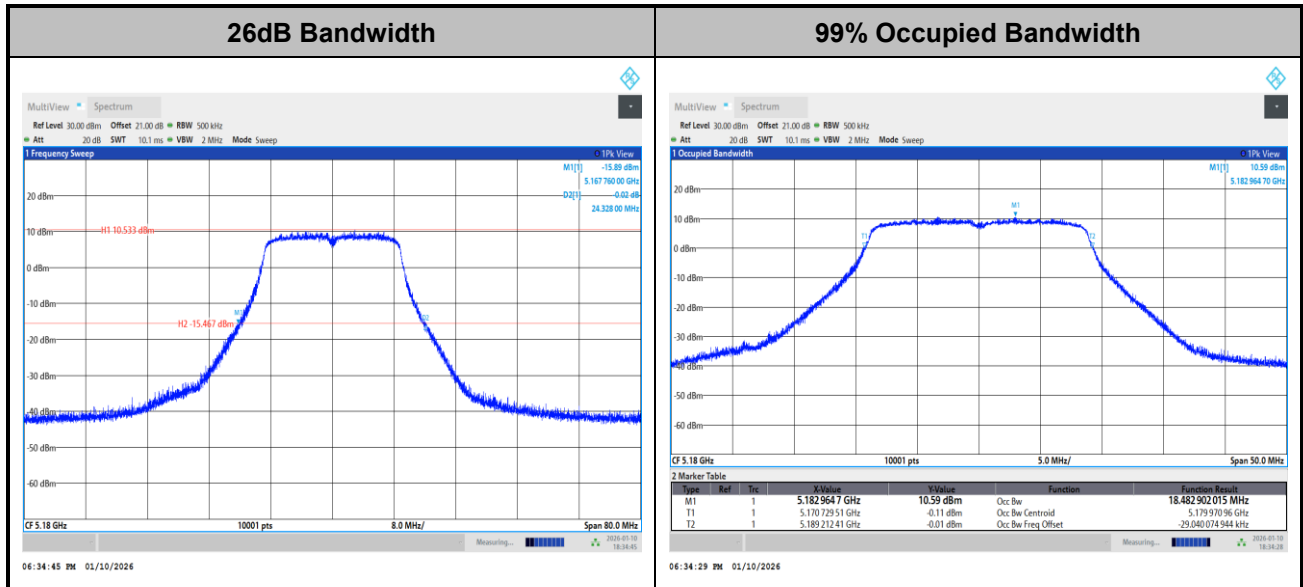
<802.11a>



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



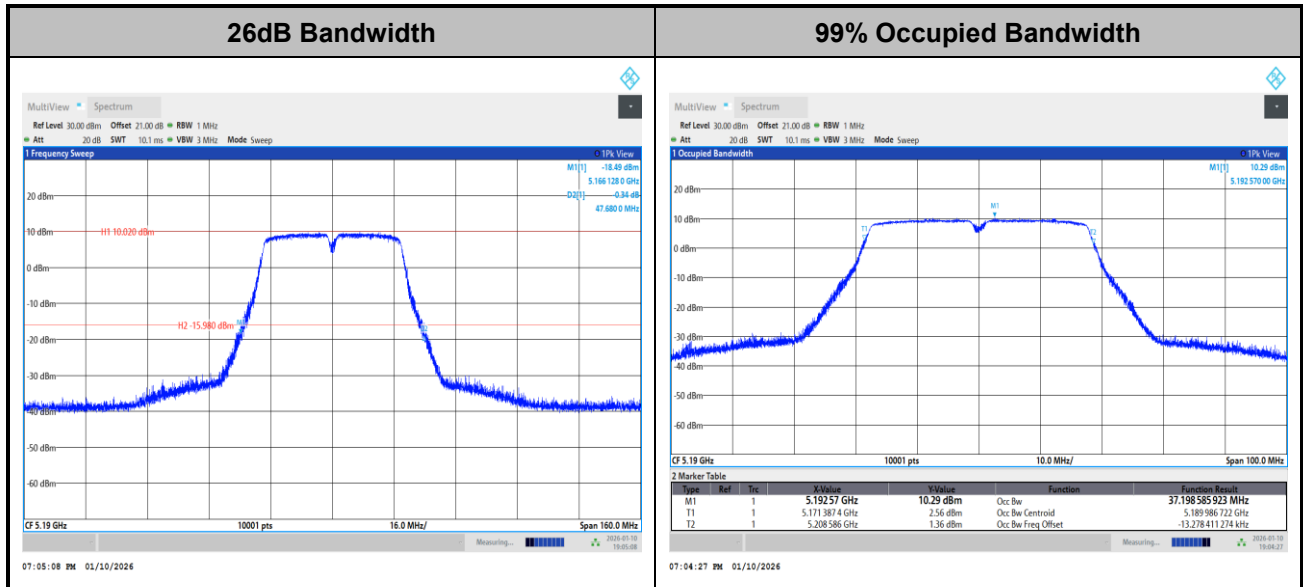
<802.11ac VHT20>



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



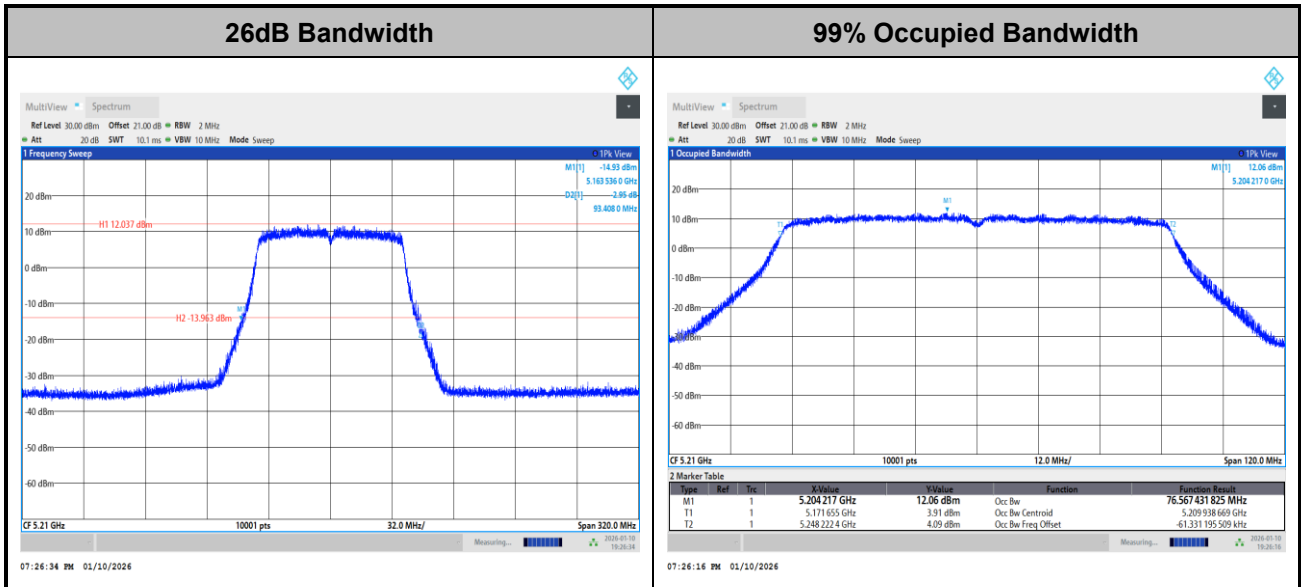
<802.11ac VHT40>



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



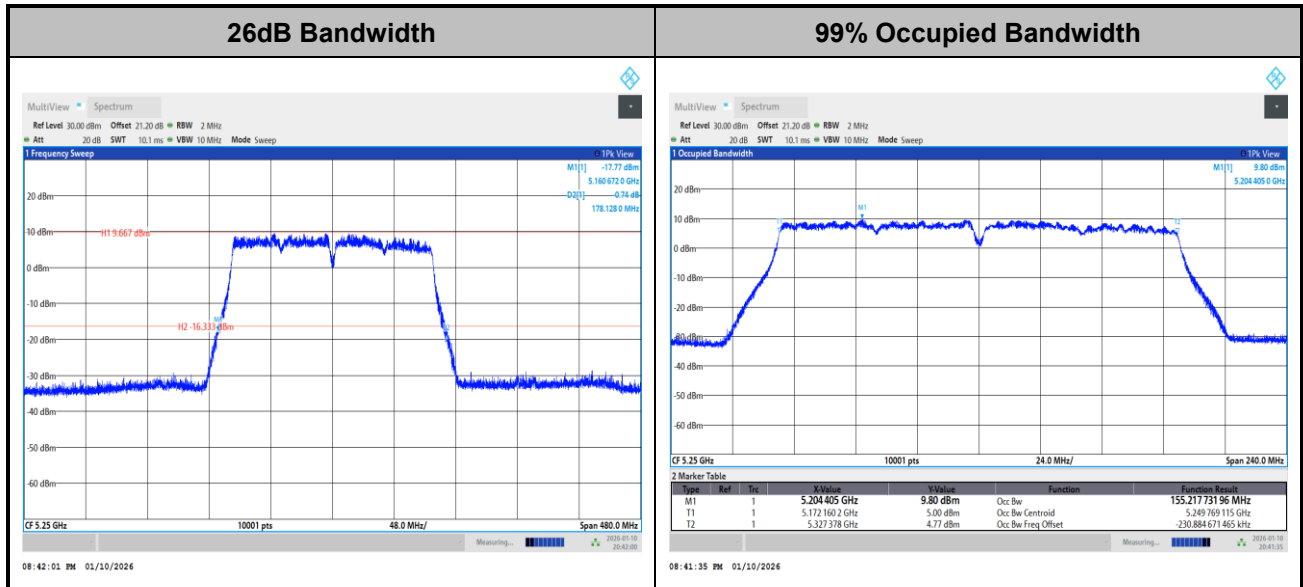
<802.11ac VHT80>



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



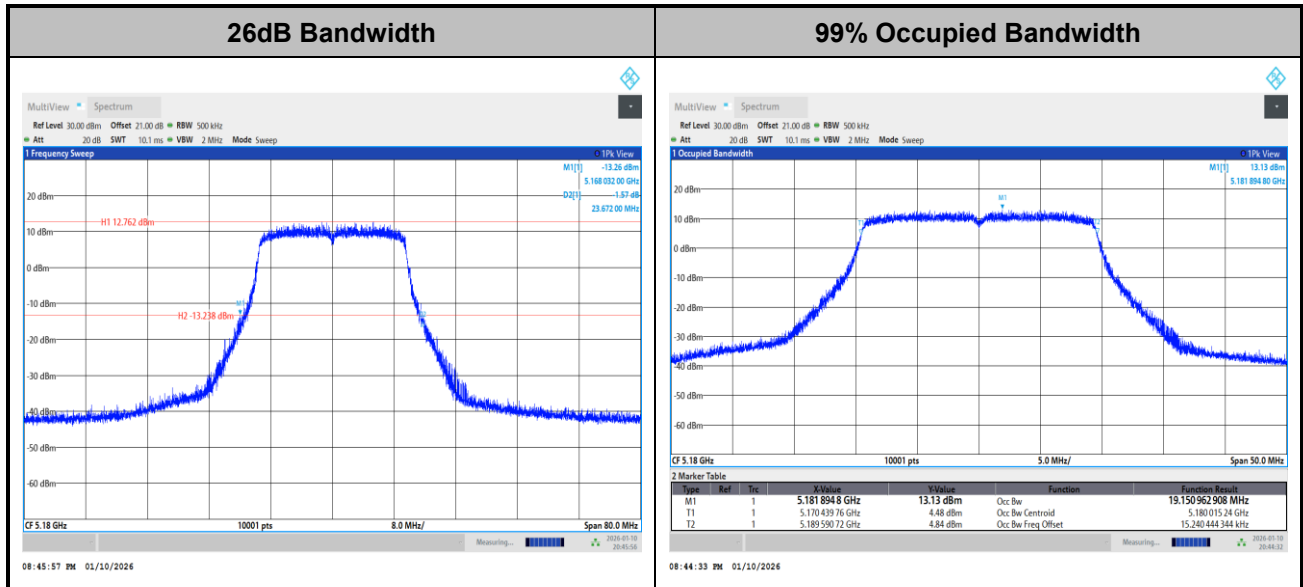
<802.11ac VHT160>



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



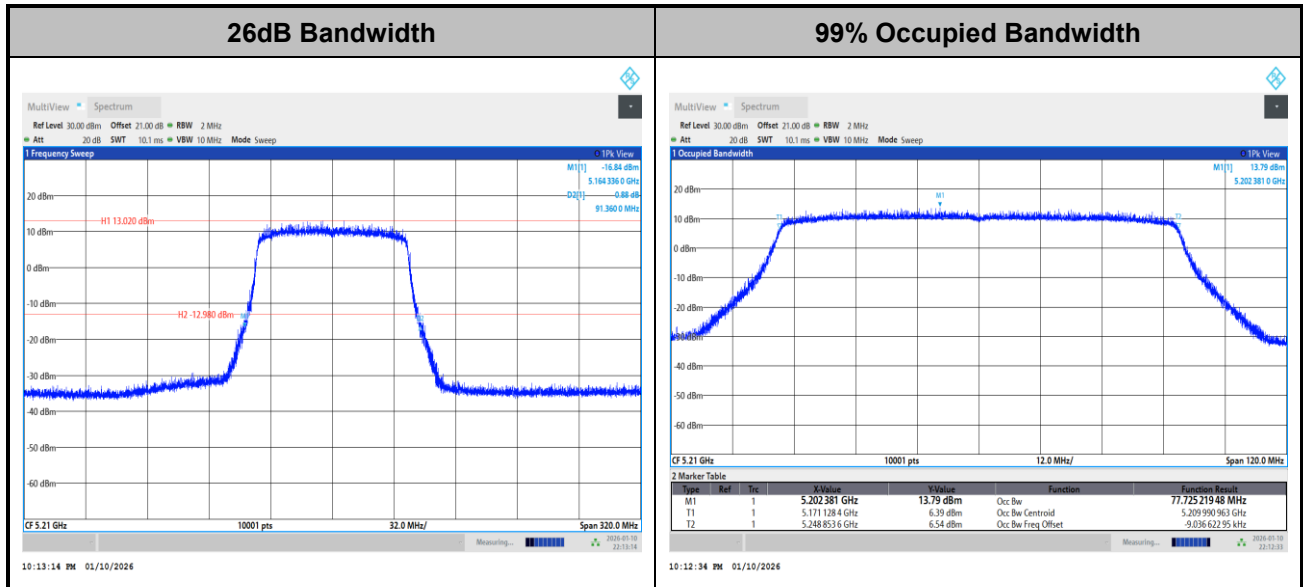
<802.11be EHT20>



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



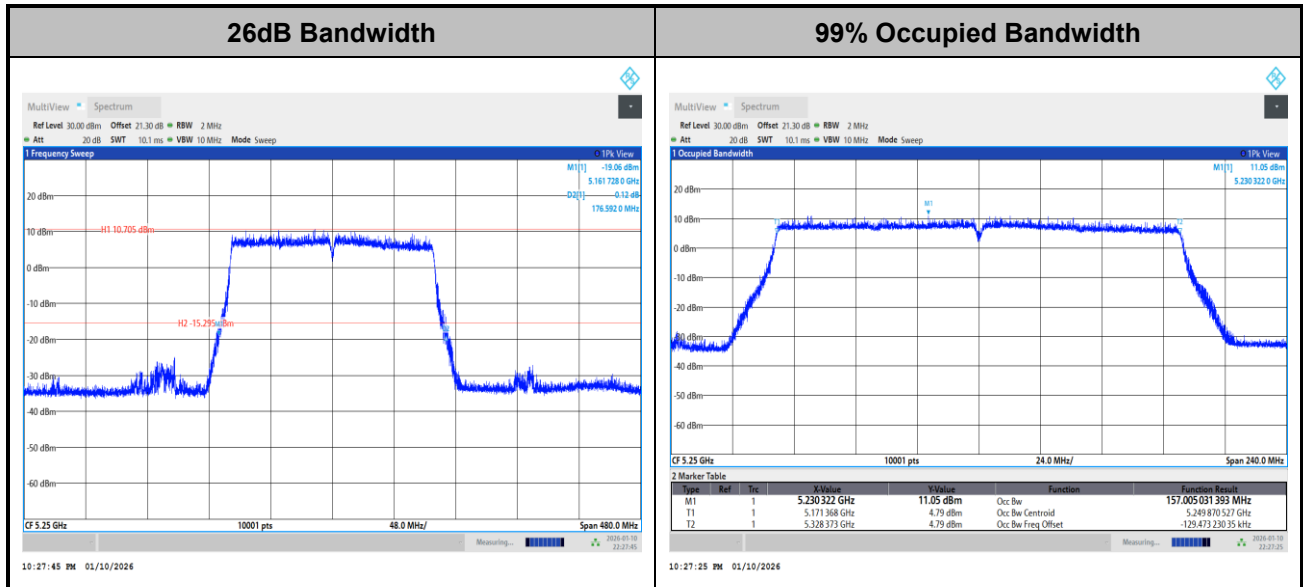
<802.11be EHT80>



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



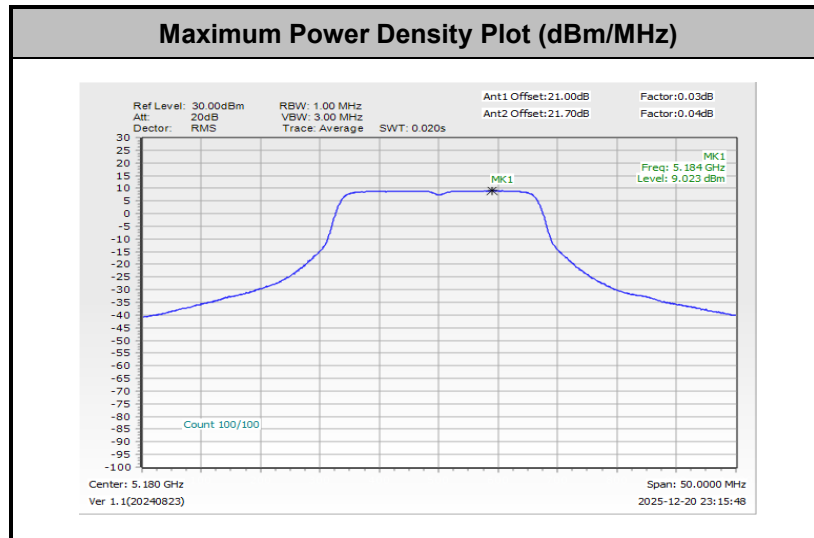
<802.11be EHT160>



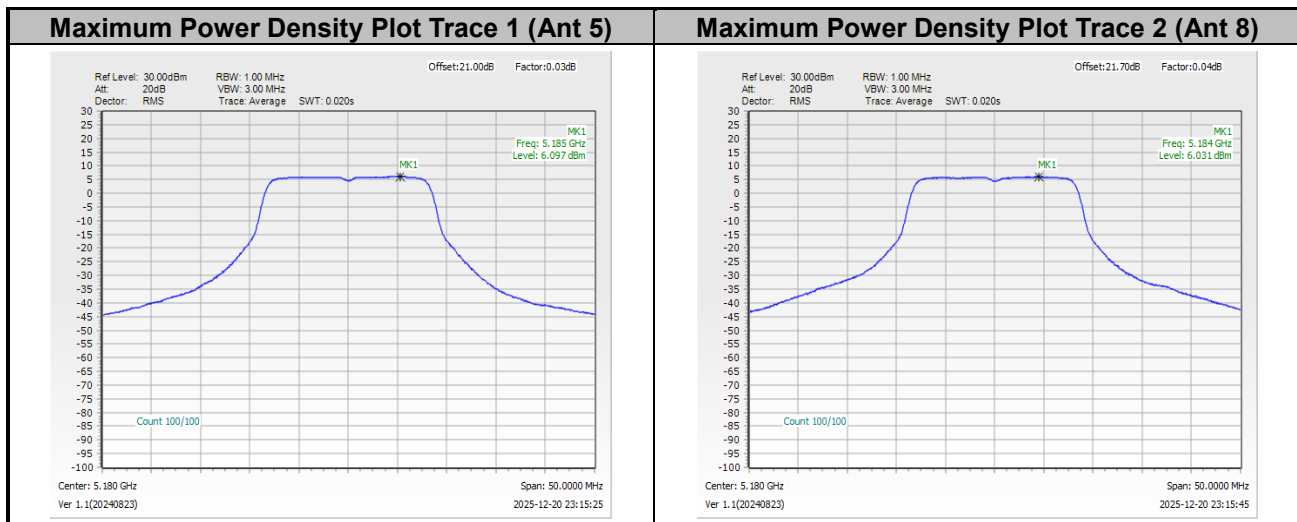
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

**Test Result of Power Spectral Density**

<802.11a>

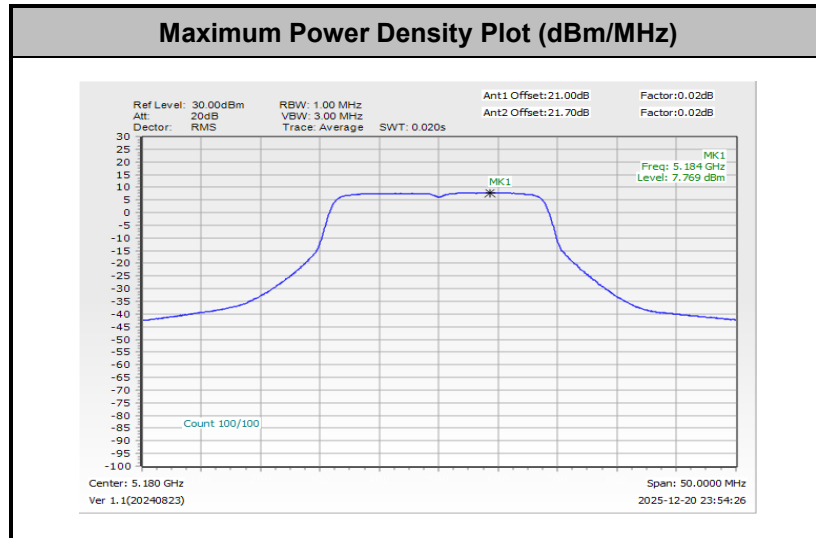


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

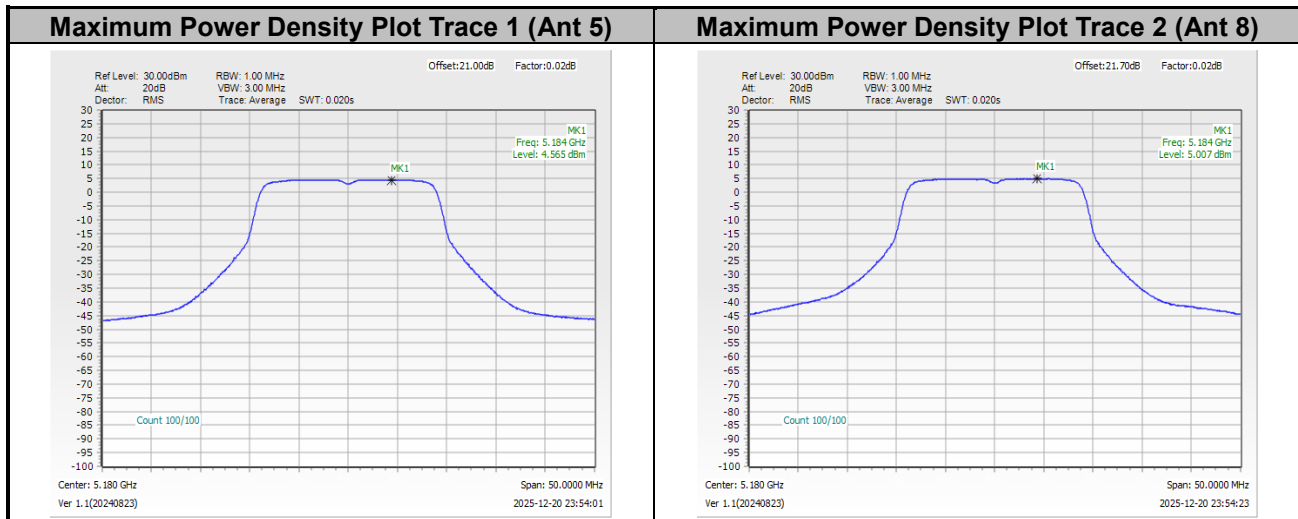




<802.11ac VHT20>

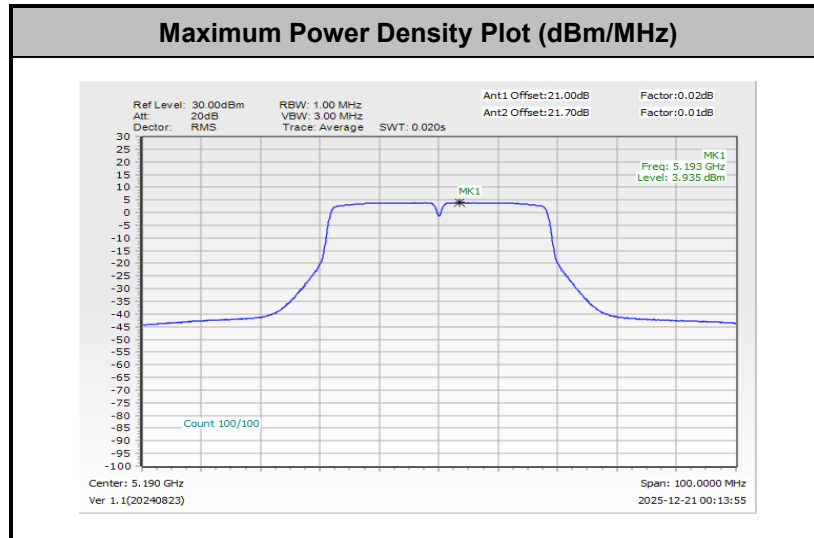


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

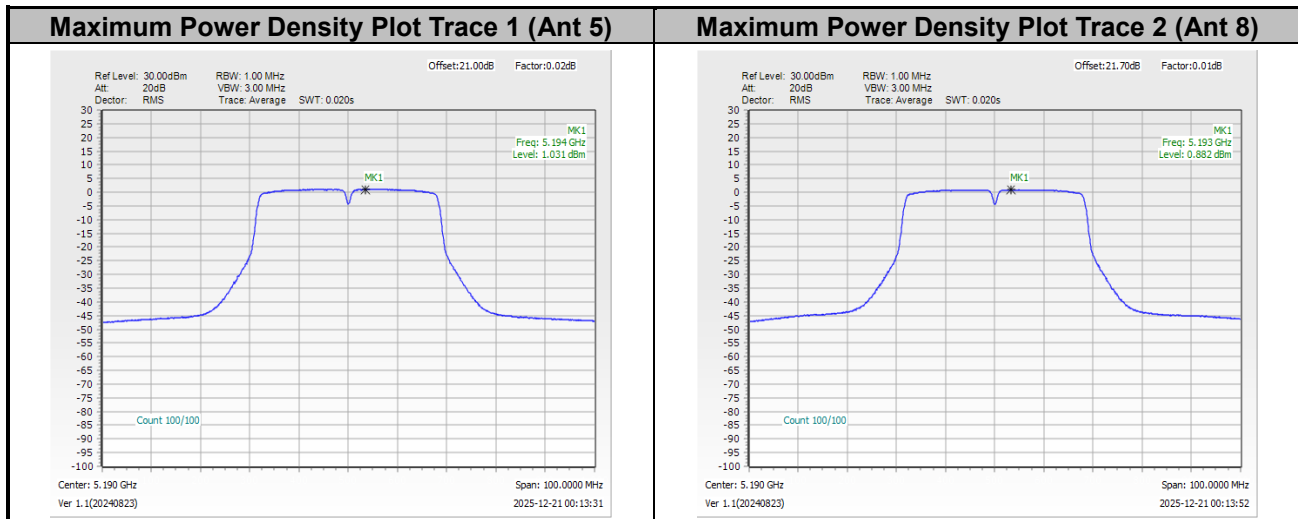




<802.11ac VHT40>

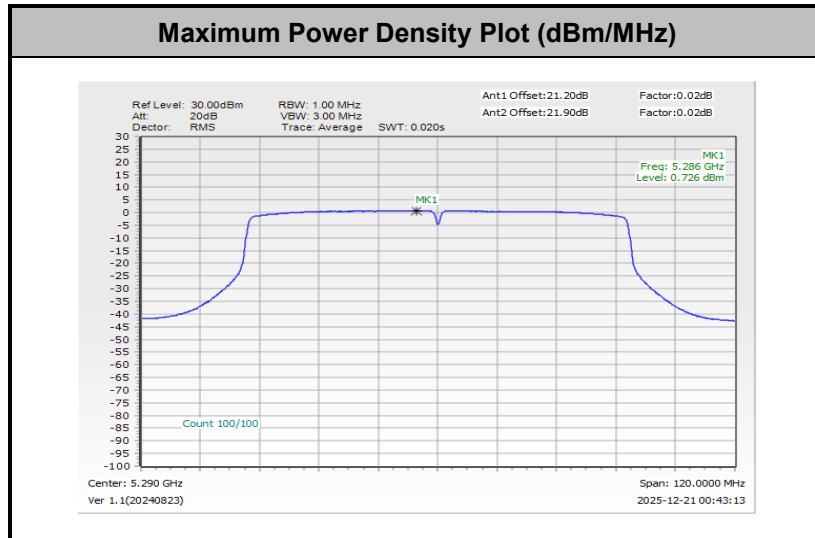


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

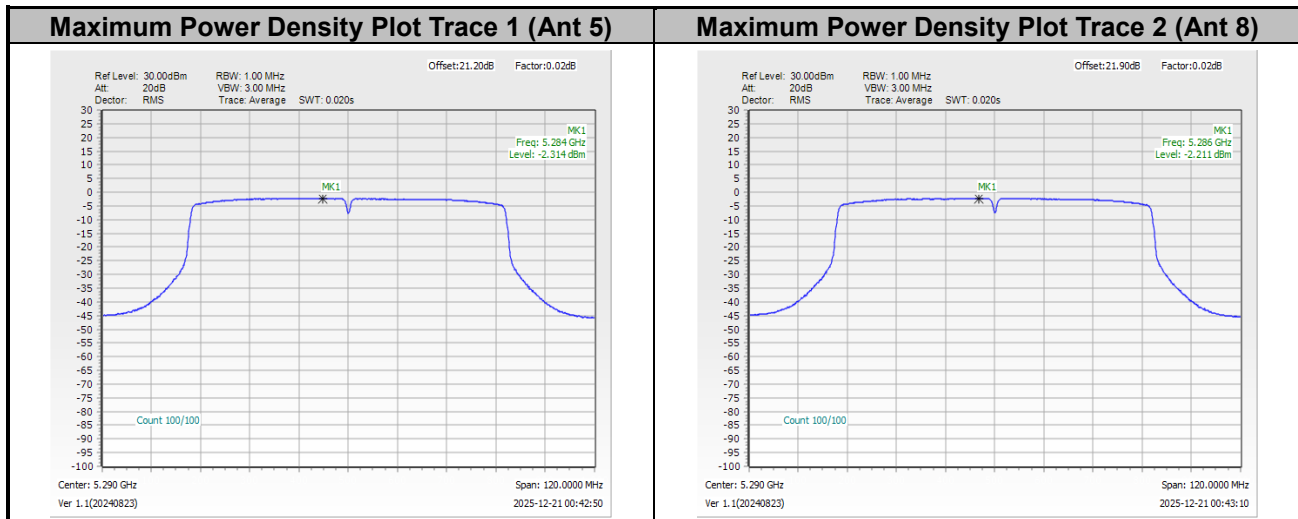




<802.11ac VHT80>

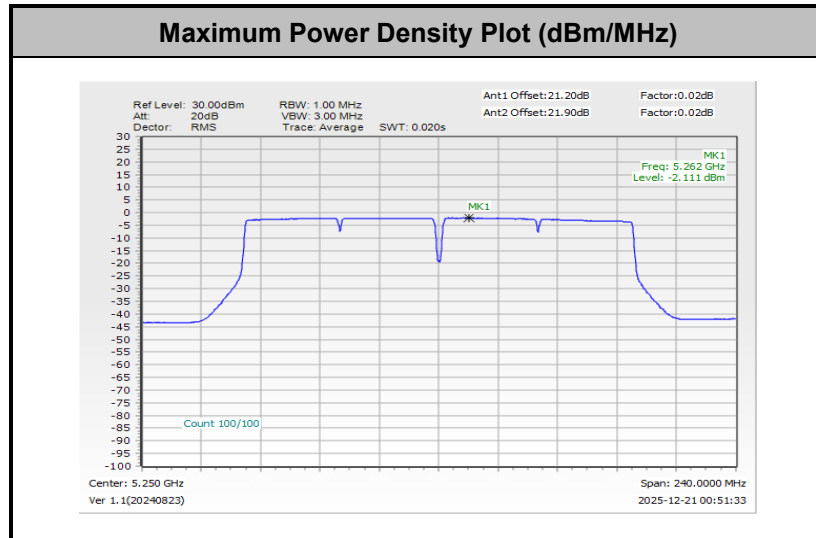


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

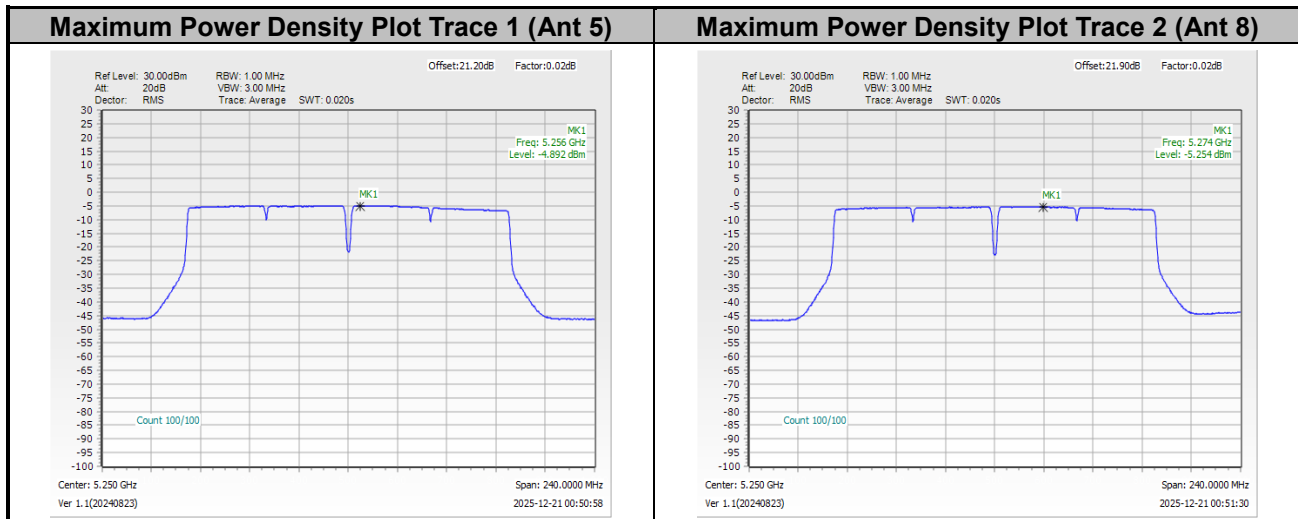




<802.11ac VHT160>

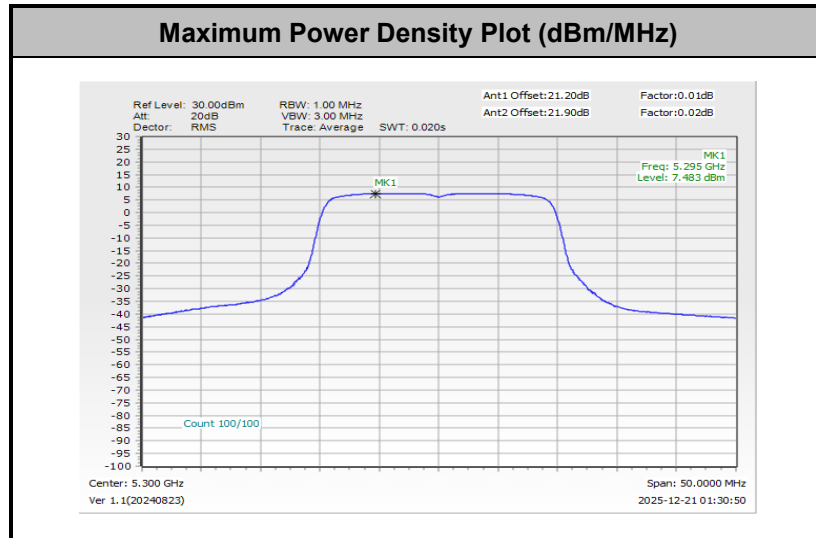


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

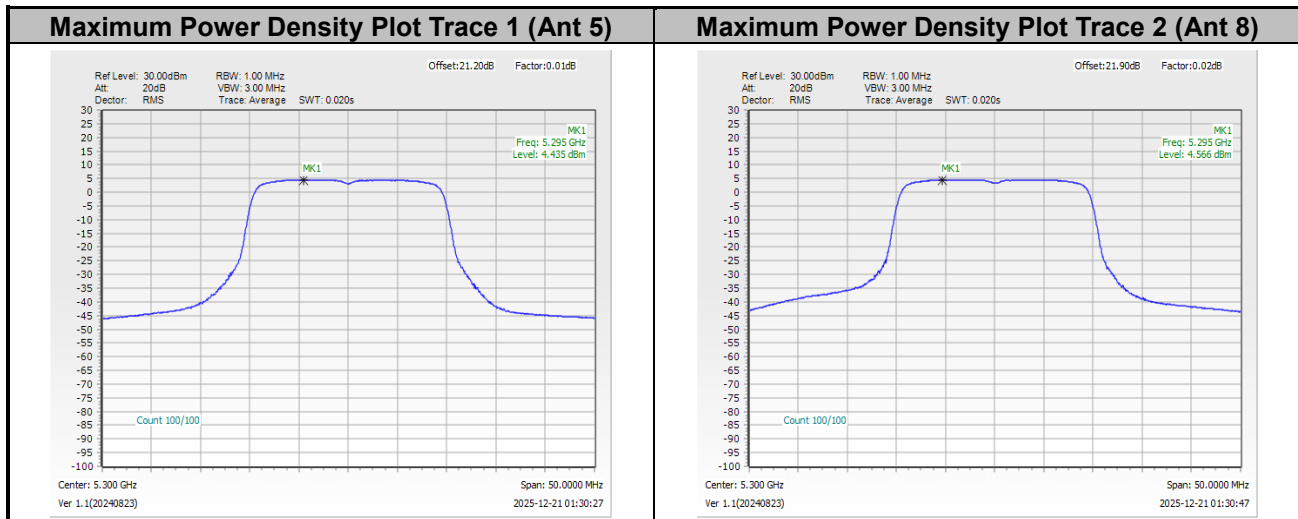




<802.11be EHT20>



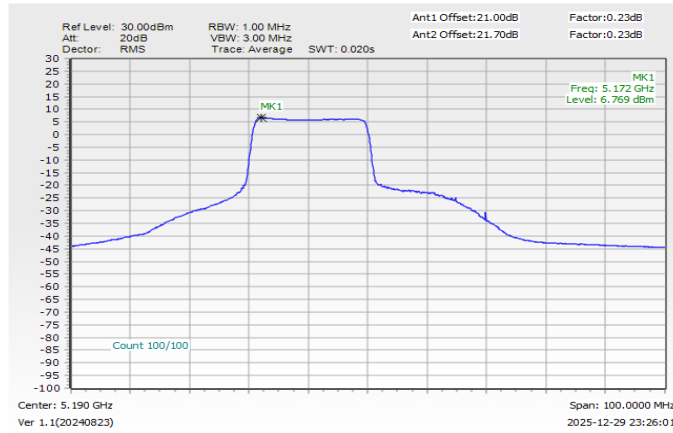
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.





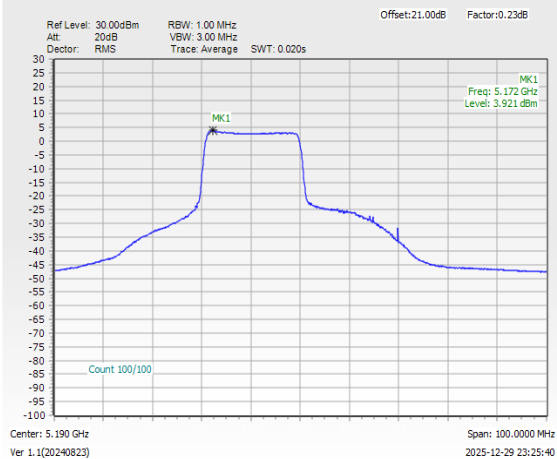
<802.11be EHT40>

Maximum Power Density Plot (dBm/MHz)

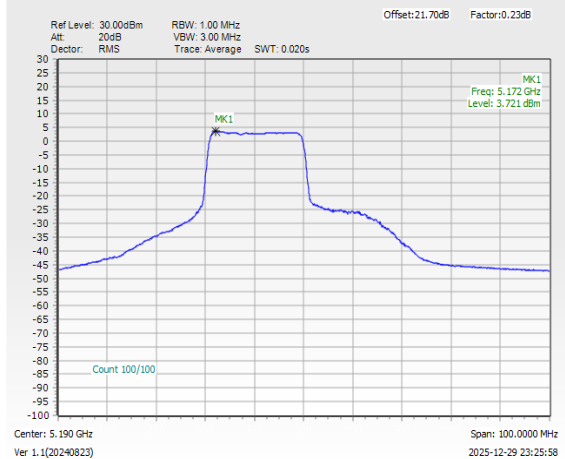


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 5)



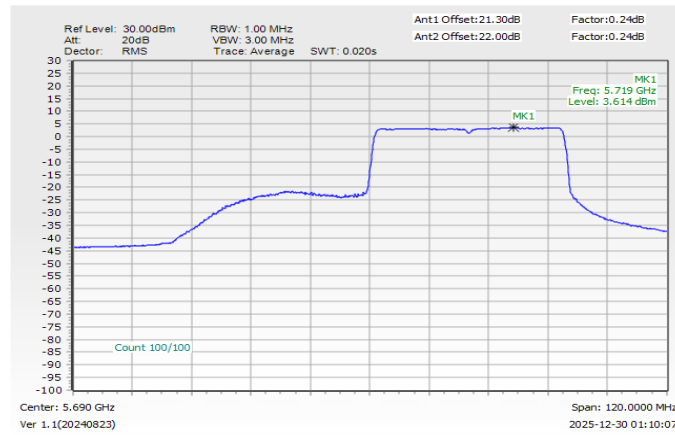
Maximum Power Density Plot Trace 2 (Ant 8)





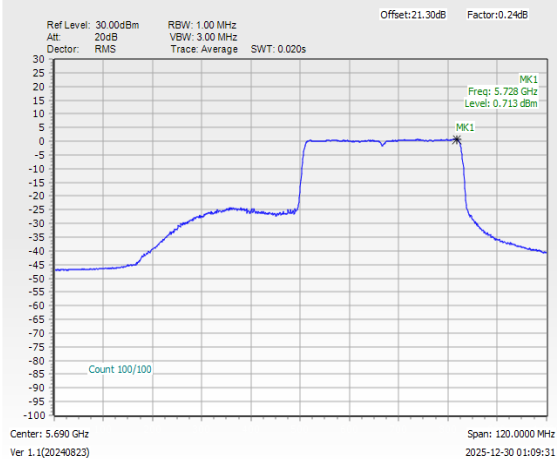
<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)

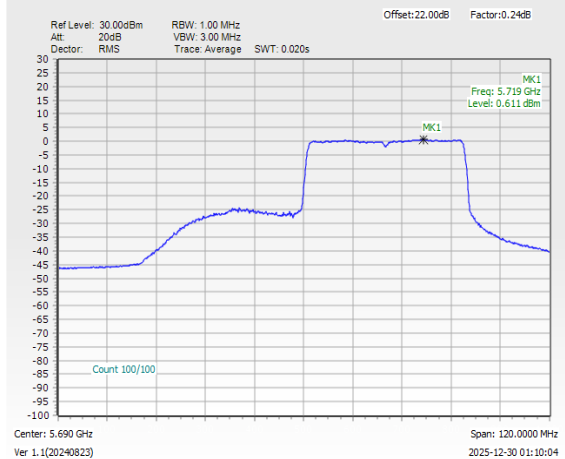


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 5)

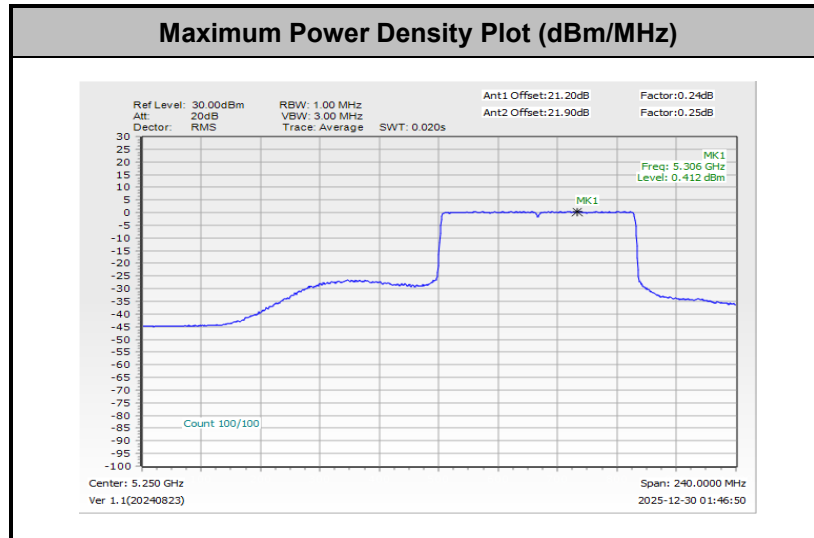


Maximum Power Density Plot Trace 2 (Ant 8)

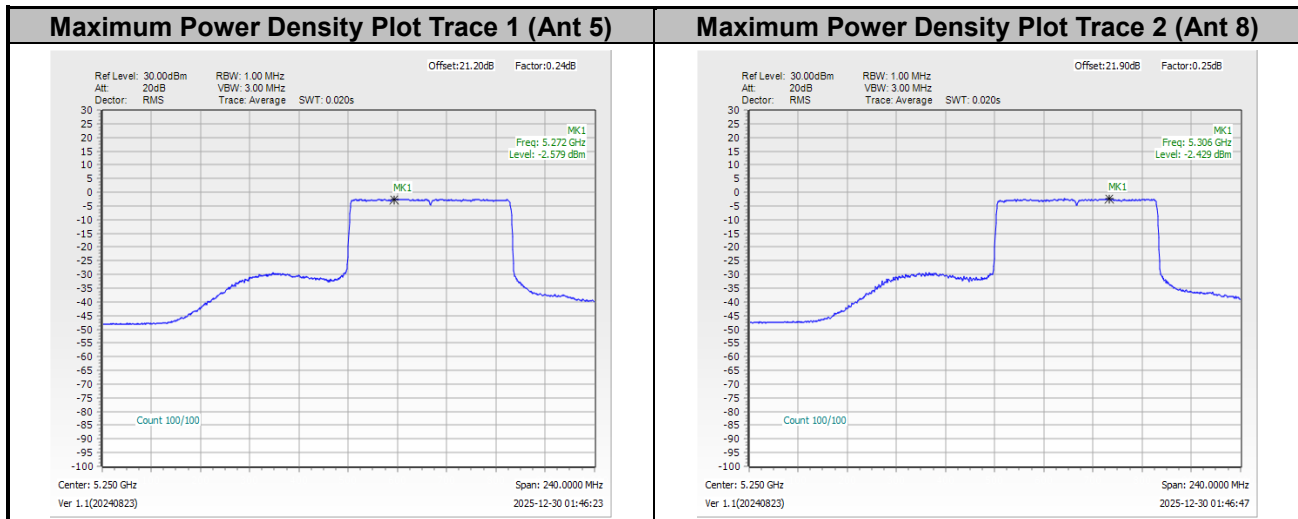




<802.11be EHT160>



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





Appendix B. AC Conducted Emission Test Results

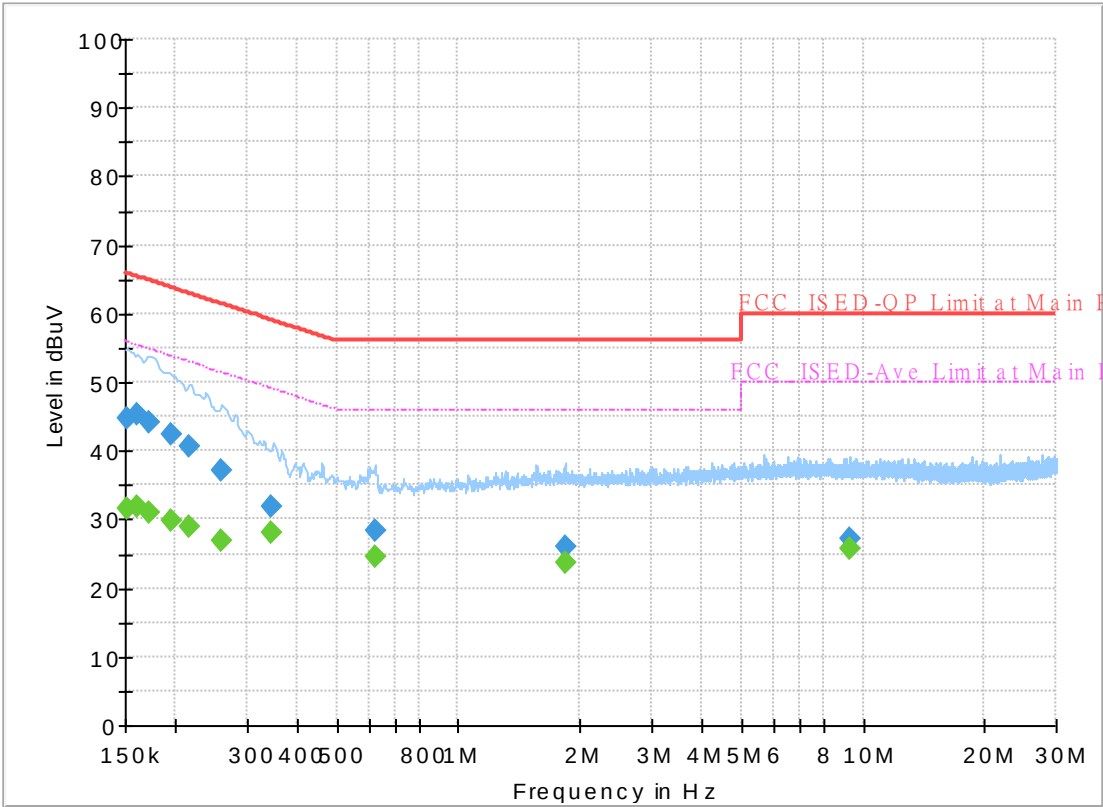
Test Engineer :	Brian Chen	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :
Test Mode :
Test Voltage :
Phase :

5N1805
Mode 1
120Vac/60Hz
Line

Full Spectrum



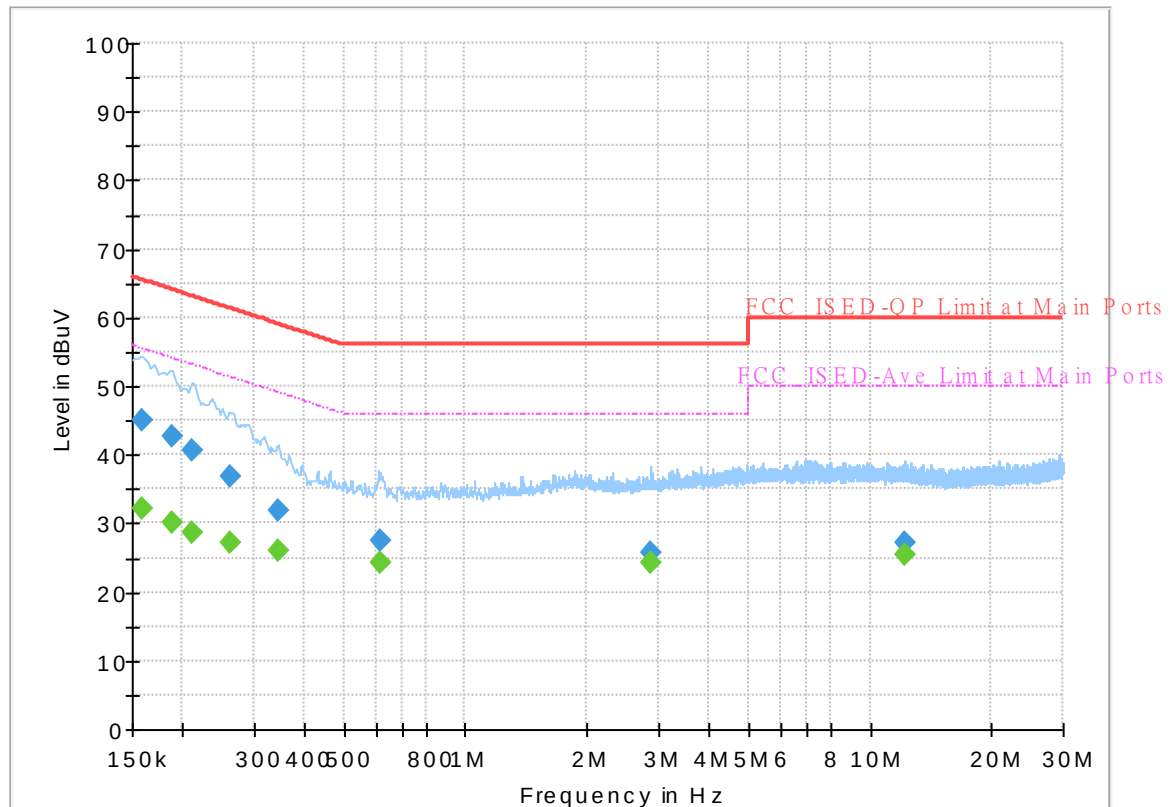
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.46	55.88	24.42	L1	OFF	19.8
0.152250	44.87	---	65.88	21.01	L1	OFF	19.8
0.161250	---	31.86	55.40	23.54	L1	OFF	19.8
0.161250	45.20	---	65.40	20.20	L1	OFF	19.8
0.172500	---	31.03	54.84	23.81	L1	OFF	19.8
0.172500	44.07	---	64.84	20.77	L1	OFF	19.8
0.195000	---	29.80	53.82	24.02	L1	OFF	19.8
0.195000	42.36	---	63.82	21.46	L1	OFF	19.8
0.215250	---	29.08	53.00	23.92	L1	OFF	19.8
0.215250	40.75	---	63.00	22.25	L1	OFF	19.8
0.260250	---	27.04	51.42	24.38	L1	OFF	19.8
0.260250	37.00	---	61.42	24.42	L1	OFF	19.8
0.343000	---	27.97	49.13	21.16	L1	OFF	19.8
0.343000	31.96	---	59.13	27.17	L1	OFF	19.8
0.620250	---	24.63	46.00	21.37	L1	OFF	19.8
0.620250	28.45	---	56.00	27.55	L1	OFF	19.8
1.833000	---	23.62	46.00	22.38	L1	OFF	19.9
1.833000	26.06	---	56.00	29.94	L1	OFF	19.9
9.291750	---	25.62	50.00	24.38	L1	OFF	20.4
9.291750	27.11	---	60.00	32.89	L1	OFF	20.4

EUT Information

Report NO : 5N1805
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)
0.159000	---	32.05	55.52	23.47	N	OFF	19.8
0.159000	44.97	---	65.52	20.55	N	OFF	19.8
0.188250	---	30.16	54.11	23.95	N	OFF	19.8
0.188250	42.66	---	64.11	21.45	N	OFF	19.8
0.210750	---	28.64	53.18	24.54	N	OFF	19.8
0.210750	40.53	---	63.18	22.65	N	OFF	19.8
0.262500	---	27.06	51.35	24.29	N	OFF	19.8
0.262500	36.94	---	61.35	24.41	N	OFF	19.8
0.343000	---	26.11	49.13	23.02	N	OFF	19.8
0.343000	31.94	---	59.13	27.19	N	OFF	19.8
0.615750	---	24.13	46.00	21.87	N	OFF	19.8
0.615750	27.48	---	56.00	28.52	N	OFF	19.8
2.874750	---	24.23	46.00	21.77	N	OFF	20.0
2.874750	25.78	---	56.00	30.22	N	OFF	20.0
12.219000	---	25.41	50.00	24.59	N	OFF	20.6
12.219000	27.12	---	60.00	32.88	N	OFF	20.6



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Daniel Lee,Bill Chang, Fu Chen, Troye Hsieh	Temperature :	19.1~21.9°C
		Relative Humidity :	50.1~66.9%

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	5+8	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	5+8	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	5+8	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	5+8	802.11be EHT20	36	5180	MCS0	Full RU	-
Mode 5	U-NII-1	5.15-5.25	5+8	802.11be EHT20	44	5220	MCS0	Full RU	-
Mode 6	U-NII-1	5.15-5.25	5+8	802.11be EHT20	48	5240	MCS0	Full RU	-
Mode 7	U-NII-1	5.15-5.25	5+8	802.11be EHT40	38	5190	MCS0	Full RU	-
Mode 8	U-NII-1	5.15-5.25	5+8	802.11be EHT40	46	5230	MCS0	Full RU	-
Mode 9	U-NII-1	5.15-5.25	5+8	802.11be EHT80	42	5210	MCS0	Full RU	-
Mode 10	U-NII-1	5.15-5.25	5+8	802.11be EHT160	50	5250	MCS0	Full RU	-
Mode 11	U-NII-1	5.15-5.25	5+8	802.11be EHT20	36	5180	MCS0	Partial RU 106/53	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-1	5.15-5.25	5+8	802.11be EHT40	38	5190	MCS0	Partial RU 242/61	-
Mode 13	U-NII-1	5.15-5.25	5+8	802.11be EHT80	42	5210	MCS0	Partial RU 484/65	-
Mode 14	U-NII-1	5.15-5.25	5+8	802.11be EHT160	50	5250	MCS0	Partial RU 996/67	-
Mode 15	U-NII-1	5.15-5.25	5+8	802.11be EHT160	50	5250	MCS0	Partial RU 996/68	-
Mode 16	U-NII-1	5.15-5.25	5+8	802.11be EHT20	36	5180	MCS0	MRU 52T+26T/70	-
Mode 17	U-NII-1	5.15-5.25	5+8	802.11be EHT20	36	5180	MCS0	MRU 106T+26T/82	-
Mode 18	U-NII-1	5.15-5.25	5+8	802.11be EHT80	42	5210	MCS0	Puncture 20/8	-
Mode 19	U-NII-1	5.15-5.25	5+8	802.11be EHT160	50	5250	MCS0	Puncture 40/192	-
Mode 20	U-NII-1	5.15-5.25	5+8	802.11ac VHT20	36	5180	MCS0	-	-
Mode 21	U-NII-1	5.15-5.25	5+8	802.11ac VHT40	38	5190	MCS0	-	-
Mode 22	U-NII-1	5.15-5.25	5+8	802.11ac VHT80	42	5210	MCS0	-	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 23	U-NII-1	5.15-5.25	5+8	802.11ac VHT160	50	5250	MCS0	-	-
Mode 24	U-NII-2A	5.25-5.35	5+8	802.11a	52	5260	6Mbps	-	-
Mode 25	U-NII-2A	5.25-5.35	5+8	802.11a	60	5300	6Mbps	-	-
Mode 26	U-NII-2A	5.25-5.35	5+8	802.11a	64	5320	6Mbps	-	-
Mode 27	U-NII-2A	5.25-5.35	5+8	802.11be EHT20	52	5260	MCS0	Full RU	-
Mode 28	U-NII-2A	5.25-5.35	5+8	802.11be EHT20	60	5300	MCS0	Full RU	-
Mode 29	U-NII-2A	5.25-5.35	5+8	802.11be EHT20	64	5320	MCS0	Full RU	-
Mode 30	U-NII-2A	5.25-5.35	5+8	802.11be EHT40	54	5270	MCS0	Full RU	-
Mode 31	U-NII-2A	5.25-5.35	5+8	802.11be EHT40	62	5310	MCS0	Full RU	-
Mode 32	U-NII-2A	5.25-5.35	5+8	802.11be EHT80	58	5290	MCS0	Full RU	-
Mode 33	U-NII-2A	5.25-5.35	5+8	802.11be EHT20	64	5320	MCS0	Partial RU 106/54	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 34	U-NII-2A	5.25-5.35	5+8	802.11be EHT40	62	5310	MCS0	Partial RU 242/62	-
Mode 35	U-NII-2A	5.25-5.35	5+8	802.11be EHT80	58	5290	MCS0	Partial RU 484/66	-
Mode 36	U-NII-2A	5.25-5.35	5+8	802.11be EHT20	64	5320	MCS0	MRU 52T+26T/72	-
Mode 37	U-NII-2A	5.25-5.35	5+8	802.11be EHT20	64	5320	MCS0	MRU 106T+26T/83	-
Mode 38	U-NII-2A	5.25-5.35	5+8	802.11be EHT80	58	5290	MCS0	Puncture 20/1	-
Mode 39	U-NII-2A	5.25-5.35	5+8	802.11ac VHT20	64	5320	MCS0	-	-
Mode 40	U-NII-2A	5.25-5.35	5+8	802.11ac VHT40	62	5310	MCS0	-	-
Mode 41	U-NII-2A	5.25-5.35	5+8	802.11ac VHT80	58	5290	MCS0	-	-
Mode 42	U-NII-2C	5.47-5.725	5+8	802.11a	100	5500	6Mbps	-	-
Mode 43	U-NII-2C	5.47-5.725	5+8	802.11a	116	5580	6Mbps	-	-
Mode 44	U-NII-2C	5.47-5.725	5+8	802.11a	140	5700	6Mbps	-	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 45	U-NII-2C	5.47-5.725	5+8	802.11be EHT20	100	5500	MCS0	Full RU	-
Mode 46	U-NII-2C	5.47-5.725	5+8	802.11be EHT20	116	5580	MCS0	Full RU	-
Mode 47	U-NII-2C	5.47-5.725	5+8	802.11be EHT20	140	5700	MCS0	Full RU	-
Mode 48	U-NII-2C	5.47-5.725	5+8	802.11be EHT40	102	5510	MCS0	Full RU	-
Mode 49	U-NII-2C	5.47-5.725	5+8	802.11be EHT40	110	5550	MCS0	Full RU	-
Mode 50	U-NII-2C	5.47-5.725	5+8	802.11be EHT40	134	5670	MCS0	Full RU	-
Mode 51	U-NII-2C	5.47-5.725	5+8	802.11be EHT80	106	5530	MCS0	Full RU	-
Mode 53	U-NII-2C	5.47-5.725	5+8	802.11be EHT20	100	5500	MCS0	Partial RU 106/53	-
Mode 54	U-NII-2C	5.47-5.725	5+8	802.11be EHT40	102	5510	MCS0	Partial RU 242/61	-
Mode 55	U-NII-2C	5.47-5.725	5+8	802.11be EHT80	106	5530	MCS0	Partial RU 484/65	-
Mode 57	U-NII-2C	5.47-5.725	5+8	802.11be EHT20	100	5500	MCS0	MRU 52T+26T/70	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 58	U-NII-2C	5.47-5.725	5+8	802.11be EHT20	100	5500	MCS0	MRU 106T+26T/82	-
Mode 59	U-NII-2C	5.47-5.725	5+8	802.11be EHT80	106	5530	MCS0	Puncture 20/8	-
Mode 61	U-NII-2C	5.47-5.725	5+8	802.11a	144	5720	6Mbps	-	-
Mode 62	U-NII-2C	5.47-5.725	5+8	802.11be EHT20	144	5720	MCS0	-	-
Mode 63	U-NII-2C	5.47-5.725	5+8	802.11be EHT40	142	5710	MCS0	-	-
Mode 64	U-NII-2C	5.47-5.725	5+8	802.11be EHT80	138	5690	MCS0	-	-
Mode 65	U-NII-2C	5.47-5.725	5+8	802.11ac VHT20	100	5500	MCS0	-	-
Mode 66	U-NII-2C	5.47-5.725	5+8	802.11ac VHT40	102	5510	MCS0	-	-
Mode 67	U-NII-2C	5.47-5.725	5+8	802.11ac VHT80	106	5530	MCS0	-	-
Mode 69	U-NII-1	5.15-5.25	5+8	802.11be EHT160	50	5250	MCS0	Partial RU 996/67	LF
Mode 70	U-NII-1	5.15-5.25	5+8	802.11be EHT160	50	5250	MCS0	Partial RU 996/67	SHF



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 93	U-NII-2C	5.47-5.725	5+8	802.11ac VHT80	122	5610	MCS0	-	-
Mode 94	U-NII-2C	5.47-5.725	5+8	802.11be EHT80	122	5610	MCS0	-	-
Mode 95	U-NII-2C	5.47-5.725	5+8	802.11ac VHT160	114	5570	MCS0	-	-
Mode 96	U-NII-2C	5.47-5.725	5+8	802.11be EHT160	114	5570	MCS0	-	-
Mode 97	U-NII-2C	5.47-5.725	5+8	802.11be EHT160	114	5570	MCS0	Partial RU 996/67	-
Mode 98	U-NII-2C	5.47-5.725	5+8	802.11be EHT160	114	5570	MCS0	Partial RU 996/68	-
Mode 99	U-NII-1	5.15-5.25	5+8	802.11be EHT160	114	5570	MCS0	Puncture 40/192	-



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	5149.04	42.41	54.00	-11.59	H	Avg.	Pass	-	Band Edge
	802.11a	36	15540.00	38.00	54.00	-16.00	V	Avg.	Pass	-	Harmonic
2	802.11a	44	5143.22	41.18	54.00	-12.82	H	Avg.	Pass	-	Band Edge
	802.11a	44	15660.00	37.48	54.00	-16.52	H	Avg.	Pass	-	Harmonic
3	802.11a	48	5017.04	41.02	54.00	-12.98	H	Avg.	Pass	-	Band Edge
	802.11a	48	15720.00	38.02	54.00	-15.98	H	Avg.	Pass	-	Harmonic
4	802.11be EHT20	36	5149.94	42.20	54.00	-11.80	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	36	15540.00	38.00	54.00	-16.00	V	Avg.	Pass	Full RU	Harmonic
5	802.11be EHT20	44	5021.78	41.38	54.00	-12.62	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	44	15660.00	37.57	54.00	-16.43	V	Avg.	Pass	Full RU	Harmonic
6	802.11be EHT20	48	5018.48	41.37	54.00	-12.63	H	Avg.	Pass	Full RU	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	802.11be EHT20	48	15720.00	37.82	54.00	-16.18	H	Avg.	Pass	Full RU	Harmonic
7	802.11be EHT40	38	5148.77	41.34	54.00	-12.66	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	38	15570.00	37.60	54.00	-16.40	H	Avg.	Pass	Full RU	Harmonic
8	802.11be EHT40	46	5133.86	41.10	54.00	-12.90	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	46	15690.00	37.35	54.00	-16.65	H	Avg.	Pass	Full RU	Harmonic
9	802.11be EHT80	42	5149.31	42.53	54.00	-11.47	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	42	15630.00	37.83	54.00	-16.17	V	Avg.	Pass	Full RU	Harmonic
10	802.11be EHT160	50	5122.50	43.14	54.00	-10.86	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT160	50	15750.00	38.19	54.00	-15.81	V	Avg.	Pass	Full RU	Harmonic
11	802.11be EHT20	36	5075.60	42.21	54.00	-11.79	H	Avg.	Pass	Partial RU 106/53	Band Edge
	802.11be EHT20	36	-	-	-	-	-	-	-	Partial RU 106/53	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	802.11be EHT40	38	5077.14	41.54	54.00	-12.46	H	Avg.	Pass	Partial RU 242/61	Band Edge
	802.11be EHT40	38	-	-	-	-	-	-	-	Partial RU 242/61	Harmonic
13	802.11be EHT80	42	5147.42	43.19	54.00	-10.81	H	Avg.	Pass	Partial RU 484/65	Band Edge
	802.11be EHT80	42	-	-	-	-	-	-	-	Partial RU 484/65	Harmonic
14	802.11be EHT160	50	5144.75	47.38	54.00	-6.62	H	Avg.	Pass	Partial RU 996/67	Band Edge
	802.11be EHT160	50	-	-	-	-	-	-	-	Partial RU 996/67	Harmonic
15	802.11be EHT160	50	5353.95	46.50	54.00	-7.50	H	Avg.	Pass	Partial RU 996/68	Band Edge
	802.11be EHT160	50	-	-	-	-	-	-	-	Partial RU 996/68	Harmonic
16	802.11be EHT20	36	5017.28	41.67	54.00	-12.33	H	Avg.	Pass	MRU 52T+26T/70	Band Edge
	802.11be EHT20	36	-	-	-	-	-	-	-	MRU 52T+26T/70	Harmonic
17	802.11be EHT20	36	5029.70	41.65	54.00	-12.35	V	Avg.	Pass	MRU 106T+26T/82	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
17	802.11be EHT20	36	-	-	-	-	-	-	-	MRU 106T+26T/82	Harmonic
18	802.11be EHT80	42	5144.27	44.88	54.00	-9.12	H	Avg.	Pass	Puncture 20/8	Band Edge
	802.11be EHT80	42	-	-	-	-	-	-	-	Puncture 20/8	Harmonic
19	802.11be EHT160	50	5125.50	44.50	54.00	-9.50	H	Avg.	Pass	Puncture 40/192	Band Edge
	802.11be EHT160	50	-	-	-	-	-	-	-	Puncture 40/192	Harmonic
20	802.11ac VHT20	36	5149.94	41.43	54.00	-12.57	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	36	15540.00	37.64	54.00	-16.36	H	Avg.	Pass	-	Harmonic
21	802.11ac VHT40	38	5149.15	41.31	54.00	-12.69	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	38	15570.00	37.63	54.00	-16.37	V	Avg.	Pass	-	Harmonic
22	802.11ac VHT80	42	5149.94	42.73	54.00	-11.27	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	15630.00	37.43	54.00	-16.57	V	Avg.	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
23	802.11ac VHT160	50	5392.38	45.96	54.00	-8.04	H	Avg.	Pass	-	Band Edge
	802.11ac VHT160	50	15750.00	37.74	54.00	-16.26	H	Avg.	Pass	-	Harmonic
24	802.11a	52	5018.46	41.14	54.00	-12.86	H	Avg.	Pass	-	Band Edge
	802.11a	52	15780.00	37.85	54.00	-16.15	H	Avg.	Pass	-	Harmonic
25	802.11a	60	5018.00	41.06	54.00	-12.94	H	Avg.	Pass	-	Band Edge
	802.11a	60	15900.00	38.08	54.00	-15.92	V	Avg.	Pass	-	Harmonic
26	802.11a	64	5350.10	44.94	54.00	-9.06	H	Avg.	Pass	-	Band Edge
	802.11a	64	15960.00	37.79	54.00	-16.21	V	Avg.	Pass	-	Harmonic
27	802.11be EHT20	52	5021.06	41.33	54.00	-12.67	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	52	10520.00	45.48	68.20	-22.72	H	Peak	Pass	Full RU	Harmonic
28	802.11be EHT20	60	5017.70	41.35	54.00	-12.65	H	Avg.	Pass	Full RU	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
28	802.11be EHT20	60	15900.00	38.41	54.00	-15.59	V	Avg.	Pass	Full RU	Harmonic
29	802.11be EHT20	64	5350.10	41.54	54.00	-12.46	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	64	15960.00	37.66	54.00	-16.34	V	Avg.	Pass	Full RU	Harmonic
30	802.11be EHT40	54	5145.26	41.05	54.00	-12.95	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	54	15810.00	37.56	54.00	-16.44	V	Avg.	Pass	Full RU	Harmonic
31	802.11be EHT40	62	5350.05	44.87	54.00	-9.13	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	62	15930.00	37.56	54.00	-16.44	V	Avg.	Pass	Full RU	Harmonic
32	802.11be EHT80	58	5350.35	42.46	54.00	-11.54	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	58	15870.00	37.81	54.00	-16.19	H	Avg.	Pass	Full RU	Harmonic
33	802.11be EHT20	64	5350.10	40.69	54.00	-13.31	H	Avg.	Pass	Partial RU 106/54	Band Edge
	802.11be EHT20	64	-	-	-	-	-	-	-	Partial RU 106/54	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
34	802.11be EHT40	62	5350.05	42.59	54.00	-11.41	H	Avg.	Pass	Partial RU 242/62	Band Edge
	802.11be EHT40	62	-	-	-	-	-	-	-	Partial RU 242/62	Harmonic
35	802.11be EHT80	58	5350.01	42.57	54.00	-11.43	H	Avg.	Pass	Partial RU 484/66	Band Edge
	802.11be EHT80	58	-	-	-	-	-	-	-	Partial RU 484/66	Harmonic
36	802.11be EHT20	64	5451.32	40.39	54.00	-13.61	H	Avg.	Pass	MRU 52T+26T/72	Band Edge
	802.11be EHT20	64	-	-	-	-	-	-	-	MRU 52T+26T/72	Harmonic
37	802.11be EHT20	64	5350.38	40.48	54.00	-13.52	H	Avg.	Pass	MRU 106T+26T/83	Band Edge
	802.11be EHT20	64	-	-	-	-	-	-	-	MRU 106T+26T/83	Harmonic
38	802.11be EHT80	58	5362.08	47.26	54.00	-6.74	H	Avg.	Pass	Puncture 20/1	Band Edge
	802.11be EHT80	58	-	-	-	-	-	-	-	Puncture 20/1	Harmonic
39	802.11ac VHT20	64	5350.10	40.92	54.00	-13.08	H	Avg.	Pass	-	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
39	802.11ac VHT20	64	15960.00	47.27	74.00	-26.73	V	Peak	Pass	-	Harmonic
40	802.11ac VHT40	62	5350.05	44.50	54.00	-9.50	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	62	15930.00	36.74	54.00	-17.26	V	Avg.	Pass	-	Harmonic
41	802.11ac VHT80	58	5350.18	43.54	54.00	-10.46	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	58	10580.00	44.27	68.20	-23.93	H	Peak	Pass	-	Harmonic
42	802.11a	100	5457.85	40.55	54.00	-13.45	H	Avg.	Pass	-	Band Edge
	802.11a	100	16500.00	50.22	68.20	-17.98	V	Peak	Pass	-	Harmonic
43	802.11a	116	5459.02	39.87	54.00	-14.13	H	Avg.	Pass	-	Band Edge
	802.11a	116	16740.00	49.46	68.20	-18.74	V	Peak	Pass	-	Harmonic
44	802.11a	140	5726.00	53.33	68.20	-14.87	H	Peak	Pass	-	Band Edge
	802.11a	140	17100.00	49.16	68.20	-19.04	H	Peak	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
45	802.11be EHT20	100	5459.95	41.58	54.00	-12.42	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	100	16500.00	50.84	68.20	-17.36	H	Peak	Pass	Full RU	Harmonic
46	802.11be EHT20	116	5459.25	39.97	54.00	-14.03	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	116	11160.00	36.47	54.00	-17.53	V	Avg.	Pass	Full RU	Harmonic
47	802.11be EHT20	140	5750.70	52.50	68.20	-15.70	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	140	11400.00	36.64	54.00	-17.36	H	Avg.	Pass	Full RU	Harmonic
48	802.11be EHT40	102	5459.76	40.68	54.00	-13.32	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	102	16530.00	50.09	68.20	-18.11	V	Peak	Pass	Full RU	Harmonic
49	802.11be EHT40	110	5459.80	40.36	54.00	-13.64	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	110	16650.00	49.40	68.20	-18.80	V	Peak	Pass	Full RU	Harmonic
50	802.11be EHT40	134	5456.56	39.40	54.00	-14.60	H	Avg.	Pass	Full RU	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
50	802.11be EHT40	134	17010.00	49.03	68.20	-19.17	V	Peak	Pass	Full RU	Harmonic
51	802.11be EHT80	106	5459.98	41.02	54.00	-12.98	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	106	16590.00	49.66	68.20	-18.54	V	Peak	Pass	Full RU	Harmonic
53	802.11be EHT20	100	5459.05	39.98	54.00	-14.02	H	Avg.	Pass	Partial RU 106/53	Band Edge
	802.11be EHT20	100	-	-	-	-	-	-	-	Partial RU 106/53	Harmonic
54	802.11be EHT40	102	5466.96	55.04	68.20	-13.16	H	Peak	Pass	Partial RU 242/61	Band Edge
	802.11be EHT40	102	-	-	-	-	-	-	-	Partial RU 242/61	Harmonic
55	802.11be EHT80	106	5469.88	59.78	68.20	-8.42	H	Peak	Pass	Partial RU 484/65	Band Edge
	802.11be EHT80	106	-	-	-	-	-	-	-	Partial RU 484/65	Harmonic
57	802.11be EHT20	100	5456.05	40.29	54.00	-13.71	H	Avg.	Pass	MRU 52T+26T/70	Band Edge
	802.11be EHT20	100	-	-	-	-	-	-	-	MRU 52T+26T/70	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
58	802.11be EHT20	100	5453.80	40.00	54.00	-14.00	H	Avg.	Pass	MRU 106T+26T/82	Band Edge
	802.11be EHT20	100	-	-	-	-	-	-	-	MRU 106T+26T/82	Harmonic
59	802.11be EHT80	106	5459.98	40.20	54.00	-13.80	V	Avg.	Pass	Puncture 20/8	Band Edge
	802.11be EHT80	106	-	-	-	-	-	-	-	Puncture 20/8	Harmonic
61	802.11a	144	5459.98	39.73	54.00	-14.27	H	Avg.	Pass	-	Band Edge
	802.11a	144	17160.00	48.93	68.20	-19.27	H	Peak	Pass	-	Harmonic
62	802.11be EHT20	144	5459.20	39.51	54.00	-14.49	H	Avg.	Pass	-	Band Edge
	802.11be EHT20	144	11440.00	37.24	54.00	-16.76	V	Avg.	Pass	-	Harmonic
63	802.11be EHT40	142	5459.59	39.55	54.00	-14.45	H	Avg.	Pass	-	Band Edge
	802.11be EHT40	142	11420.00	37.27	54.00	-16.73	H	Avg.	Pass	-	Harmonic
64	802.11be EHT80	138	5459.59	39.86	54.00	-14.14	H	Avg.	Pass	-	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
64	802.11be EHT80	138	11380.00	37.24	54.00	-16.76	V	Avg.	Pass	-	Harmonic
65	802.11ac VHT20	100	5459.95	40.31	54.00	-13.69	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	100	16500.00	50.13	68.20	-18.07	H	Peak	Pass	-	Harmonic
66	802.11ac VHT40	102	5459.76	40.53	54.00	-13.47	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	102	16530.00	50.51	68.20	-17.69	H	Peak	Pass	-	Harmonic
67	802.11ac VHT80	106	5459.98	42.22	54.00	-11.78	V	Avg.	Pass	-	Band Edge
	802.11ac VHT80	106	16590.00	51.61	68.20	-16.59	H	Peak	Pass	-	Harmonic
69	LF	50	40.67	32.72	40.00	-7.28	V	QP	Pass	-	LF
70	SHF	50	39598.10	43.06	54.00	-10.94	V	Avg.	Pass	-	SHF
93	802.11ac VHT80	122	5458.68	40.73	54.00	-13.27	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	122	11220.00	38.57	54.00	-15.43	H	Avg.	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
94	802.11be EHT80	122	5456.34	40.60	54.00	-13.40	H	Avg.	Pass	-	Band Edge
	802.11be EHT80	122	11220.00	38.80	54.00	-15.20	V	Avg.	Pass	-	Harmonic
95	802.11ac VHT160	114	5433.82	41.84	54.00	-12.16	H	Avg.	Pass	-	Band Edge
	802.11ac VHT160	114	11140.00	39.56	54.00	-14.44	V	Avg.	Pass	-	Harmonic
96	802.11be EHT160	114	5432.28	41.43	54.00	-12.57	H	Avg.	Pass	-	Band Edge
	802.11be EHT160	114	11140.00	39.61	54.00	-14.39	H	Avg.	Pass	-	Harmonic
97	802.11be EHT160	114	5460.00	47.70	54.00	-6.30	H	Avg.	Pass	Partial RU 996/67	Band Edge
	802.11be EHT160	114	-	-	-	-	-	-	-	Partial RU 996/67	Harmonic
98	802.11be EHT160	114	5449.66	39.22	54.00	-14.78	H	Avg.	Pass	Partial RU 996/68	Band Edge
	802.11be EHT160	114	-	-	-	-	-	-	-	Partial RU 996/68	Harmonic
99	802.11be EHT160	114	5447.24	43.53	54.00	-10.47	H	Avg.	Pass	Puncture 40/192	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
99	802.11be EHT160	114	-	-	-	-	-	-	-	Puncture 40/192	Harmonic



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ANT	5+8																																																																																																			
Pol.	Horizontal						Fundamental																																																																																													
Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 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 Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></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>5148.06</td><td>52.64</td><td>74.00</td><td>-21.36</td><td>42.79</td><td>33.00</td><td>9.66</td><td>32.81</td><td>0.00</td><td>251</td><td>360</td><td>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	5148.06	52.64	74.00	-21.36	42.79	33.00	9.66	32.81	0.00	251	360	Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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 Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></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>104.54</td><td>-----</td><td>-----</td><td>94.69</td><td>33.00</td><td>9.65</td><td>32.80</td><td>0.00</td><td>251</td><td>360</td><td>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	104.54	-----	-----	94.69	33.00	9.65	32.80	0.00	251	360	Peak
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Avg	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 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 Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></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>5149.04</td><td>42.41</td><td>54.00</td><td>-11.59</td><td>32.56</td><td>33.00</td><td>9.66</td><td>32.81</td><td>0.00</td><td>251</td><td>360</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	5149.04	42.41	54.00	-11.59	32.56	33.00	9.66	32.81	0.00	251	360	Average	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 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 Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></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>96.88</td><td>-----</td><td>-----</td><td>87.03</td><td>33.00</td><td>9.65</td><td>32.80</td><td>0.00</td><td>251</td><td>360</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	5180.00	96.88	-----	-----	87.03	33.00	9.65	32.80	0.00	251	360	Average
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Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 VERTICAL : 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 Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></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>5096.30</td><td>52.09</td><td>74.00</td><td>-21.91</td><td>42.31</td><td>32.90</td><td>9.70</td><td>32.82</td><td>0.00</td><td>246</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	5096.30	52.09	74.00	-21.91	42.31	32.90	9.70	32.82	0.00	246	0 Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 VERTICAL : 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 Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></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>101.16</td><td>-----</td><td>-----</td><td>91.32</td><td>33.00</td><td>9.64</td><td>32.80</td><td>0.00</td><td>246</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	101.16	-----	-----	91.32	33.00	9.64	32.80	0.00	246	0 Peak
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Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor																																																																																		
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1	5149.94	41.56	54.00	-12.44	31.71	33.00	9.66	32.81	0.00	246	0 Average																																																																													
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																															
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	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																														
1	5180.00	94.37	-----	-----	84.52	33.00	9.65	32.80	0.00	246	0 Average																																																																													



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ANT	5+8																																																																																																																									
Pol.	Horizontal	Vertical																																																																																																																								
Peak Avg	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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>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>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 deg</th></tr><tr><td>1 10360.00</td><td>46.96</td><td>68.20</td><td>-21.24</td><td>58.88</td><td>38.60</td><td>16.48</td><td>67.28</td><td>0.28</td><td>-- -- Peak</td></tr><tr><td>2 15540.00</td><td>48.53</td><td>74.00</td><td>-25.47</td><td>56.82</td><td>38.00</td><td>20.70</td><td>67.29</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>3 15540.00</td><td>37.20</td><td>54.00</td><td>-16.80</td><td>45.49</td><td>38.00</td><td>20.70</td><td>67.29</td><td>0.30</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	dB	cm deg	1 10360.00	46.96	68.20	-21.24	58.88	38.60	16.48	67.28	0.28	-- -- Peak	2 15540.00	48.53	74.00	-25.47	56.82	38.00	20.70	67.29	0.30	-- -- Peak	3 15540.00	37.20	54.00	-16.80	45.49	38.00	20.70	67.29	0.30	-- -- Average	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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>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>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 deg</th></tr><tr><td>1 10360.00</td><td>46.67</td><td>68.20</td><td>-21.53</td><td>58.59</td><td>38.60</td><td>16.48</td><td>67.28</td><td>0.28</td><td>-- -- Peak</td></tr><tr><td>2 15540.00</td><td>48.76</td><td>74.00</td><td>-25.24</td><td>57.05</td><td>38.00</td><td>20.70</td><td>67.29</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>3 15540.00</td><td>38.00</td><td>54.00</td><td>-16.00</td><td>46.29</td><td>38.00</td><td>20.70</td><td>67.29</td><td>0.30</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	dB	cm deg	1 10360.00	46.67	68.20	-21.53	58.59	38.60	16.48	67.28	0.28	-- -- Peak	2 15540.00	48.76	74.00	-25.24	57.05	38.00	20.70	67.29	0.30	-- -- Peak	3 15540.00	38.00	54.00	-16.00	46.29	38.00	20.70	67.29	0.30	-- -- Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																
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Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	5+8	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL
	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL



Mode	2																																																																									
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	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz																																																																									
ANT	5+8																																																																									
Pol.	Horizontal	Fundamental																																																																								
Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><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 Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/m dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 5128.48 52.63 74.00 -21.37 42.00 32.96 9.68 32.81 0.00 235 327 Peak</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></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 dB/m dB dB dB dB cm deg									1 5128.48 52.63 74.00 -21.37 42.00 32.96 9.68 32.81 0.00 235 327 Peak									Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><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 Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/m dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 5220.00 106.85 ----- 97.08 32.93 9.63 32.79 0.00 235 327 Peak</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></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 dB/m dB dB dB dB cm deg									1 5220.00 106.85 ----- 97.08 32.93 9.63 32.79 0.00 235 327 Peak								
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Avg	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><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 Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/m dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 5143.22 41.18 54.00 -12.82 31.33 32.99 9.67 32.81 0.00 235 327 Average</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></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 dB/m dB dB dB dB cm deg									1 5143.22 41.18 54.00 -12.82 31.33 32.99 9.67 32.81 0.00 235 327 Average									Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><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 Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/m dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 5220.00 98.73 ----- 88.94 32.95 9.63 32.79 0.00 235 327 Average</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></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 dB/m dB dB dB dB cm deg									1 5220.00 98.73 ----- 88.94 32.95 9.63 32.79 0.00 235 327 Average								
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ANT	5+8																																		
Pol.	Horizontal	Fundamental																																	
Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</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>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></tr><tr><td>1 5418.00</td><td>49.98</td><td>74.00</td><td>-24.02</td><td>40.20</td><td>32.00</td><td>9.73</td><td>32.75</td><td>0.00</td><td>235</td><td>327 Peak</td></tr></table>	Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1 5418.00	49.98	74.00	-24.02	40.20	32.00	9.73	32.75	0.00	235	327 Peak	Blank
Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																									
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Avg	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Freq</th><th>Level</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>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></tr><tr><td>1 5459.28</td><td>39.45</td><td>54.00</td><td>-14.55</td><td>29.48</td><td>32.02</td><td>9.89</td><td>32.74</td><td>0.00</td><td>235</td><td>327 Average</td></tr></table>	Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1 5459.28	39.45	54.00	-14.55	29.48	32.02	9.89	32.74	0.00	235	327 Average	Blank
Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																									
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Mode	2																																																																															
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		Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																			
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	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																					
1	5220.00	100.32	-----	-----	90.55	32.93	9.63	32.79	0.00	242		0 Peak																																																																				
Avg	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 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 Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</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>5017.38</td><td>41.10</td><td>54.00</td><td>-12.90</td><td>31.16</td><td>33.03</td><td>9.75</td><td>32.84</td><td>0.00</td><td>242</td><td></td><td>0 Average</td></tr></table>		Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5017.38	41.10	54.00	-12.90	31.16	33.03	9.75	32.84	0.00	242		0 Average	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 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 Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</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>5220.00</td><td>93.48</td><td>-----</td><td>-----</td><td>83.71</td><td>32.93</td><td>9.63</td><td>32.79</td><td>0.00</td><td>242</td><td></td><td>0 Average</td></tr></table>		Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5220.00	93.48	-----	-----	83.71	32.93	9.63	32.79	0.00	242		0 Average
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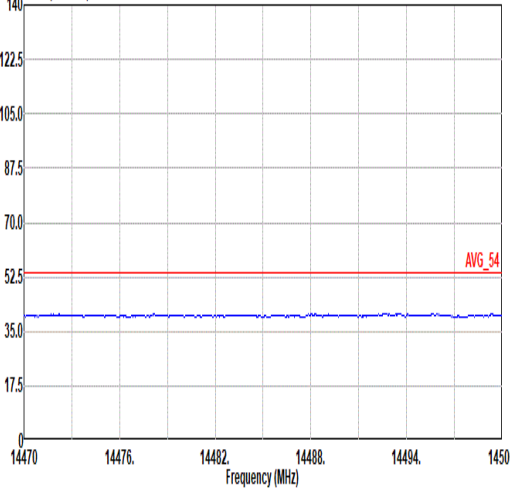
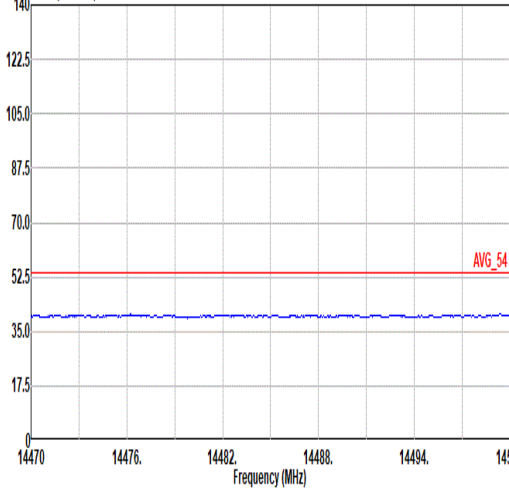
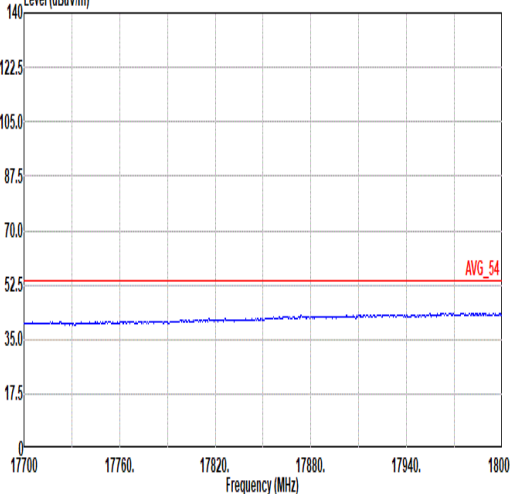
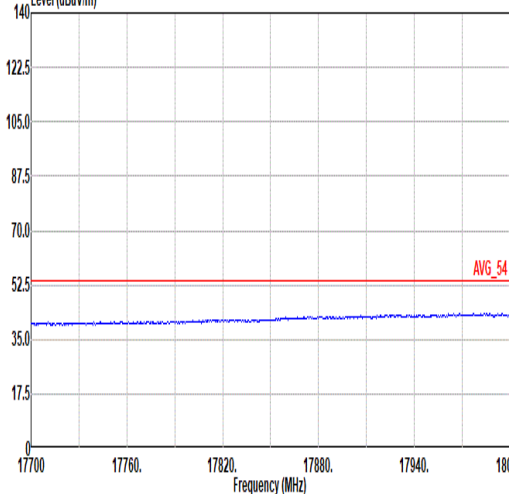


Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	5+8	
Pol.	Vertical	Fundamental
Peak		



Mode	2																																																																																																																																																																					
	Harmonic																																																																																																																																																																					
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Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	5+8	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL
	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL



Mode	3																																																																																									
	Band Edge - L																																																																																									
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz																																																																																									
ANT	5+8																																																																																									
Pol.	Horizontal						Fundamental																																																																																			
Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</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></thead><tbody><tr><td>1</td><td>5046.00</td><td>51.40</td><td>74.00</td><td>-22.60</td><td>41.58</td><td>32.92</td><td>9.73</td><td>32.83</td><td>0.00</td><td>224</td><td>331</td><td>Peak</td></tr></tbody></table>							Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5046.00	51.40	74.00	-22.60	41.58	32.92	9.73	32.83	0.00	224	331	Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</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></thead><tbody><tr><td>1</td><td>5240.00</td><td>106.73</td><td>-----</td><td>-----</td><td>97.05</td><td>32.83</td><td>9.64</td><td>32.79</td><td>0.00</td><td>224</td><td>331</td><td>Peak</td></tr></tbody></table>							Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5240.00	106.73	-----	-----	97.05	32.83	9.64	32.79	0.00	224	331	Peak
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Mode	3																																														
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MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																					
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Avg	Level (dBuV/m) Date: 2025-12-21 Frequency (MHz) Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><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 5460.00</td><td>39.33</td><td>54.00</td><td>-14.67</td><td>29.36</td><td>32.82</td><td>9.89</td><td>32.74</td><td>0.00</td><td>224</td><td>331</td><td>Average</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 5460.00	39.33	54.00	-14.67	29.36	32.82	9.89	32.74	0.00	224	331	Average	Blank				
Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																				
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Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 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 Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</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>5017.04</td><td>51.57</td><td>74.00</td><td>-22.43</td><td>41.63</td><td>33.03</td><td>9.75</td><td>32.84</td><td>0.00</td><td>279</td><td>317</td><td>Peak</td></tr></table>							Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5017.04	51.57	74.00	-22.43	41.63	33.03	9.75	32.84	0.00	279	317	Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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 Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</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>5240.00</td><td>102.55</td><td>-----</td><td>-----</td><td>92.87</td><td>32.83</td><td>9.64</td><td>32.79</td><td>0.00</td><td>279</td><td>317</td><td>Peak</td></tr></table>							Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5240.00	102.55	-----	-----	92.87	32.83	9.64	32.79	0.00	279	317	Peak
		Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																													
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Avg	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 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 Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</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>5018.96</td><td>41.01</td><td>54.00</td><td>-12.99</td><td>31.08</td><td>33.02</td><td>9.75</td><td>32.84</td><td>0.00</td><td>279</td><td>317</td><td>Average</td></tr></table>							Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5018.96	41.01	54.00	-12.99	31.08	33.02	9.75	32.84	0.00	279	317	Average	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 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 Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</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>5240.00</td><td>94.14</td><td>-----</td><td>-----</td><td>84.46</td><td>32.83</td><td>9.64</td><td>32.79</td><td>0.00</td><td>279</td><td>317</td><td>Average</td></tr></table>							Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5240.00	94.14	-----	-----	84.46	32.83	9.64	32.79	0.00	279	317	Average
	Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																														
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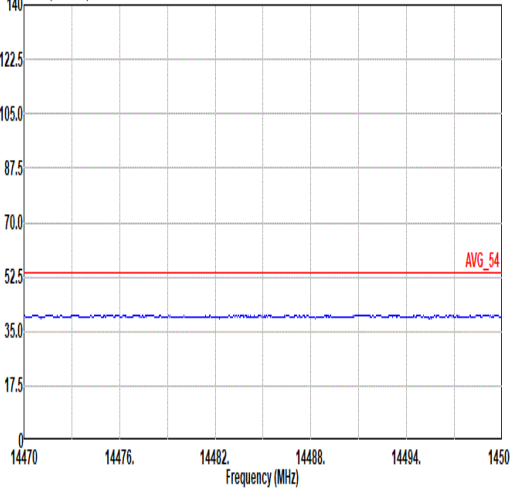
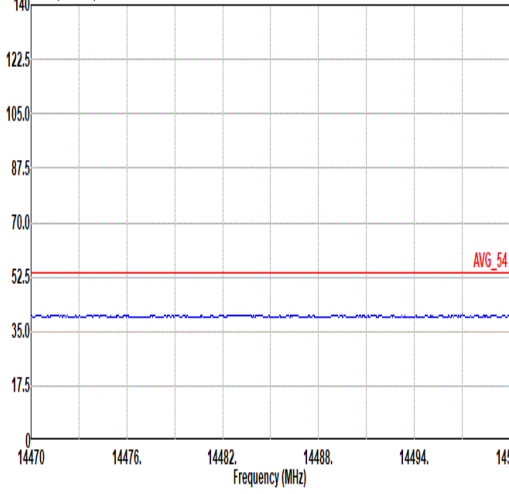
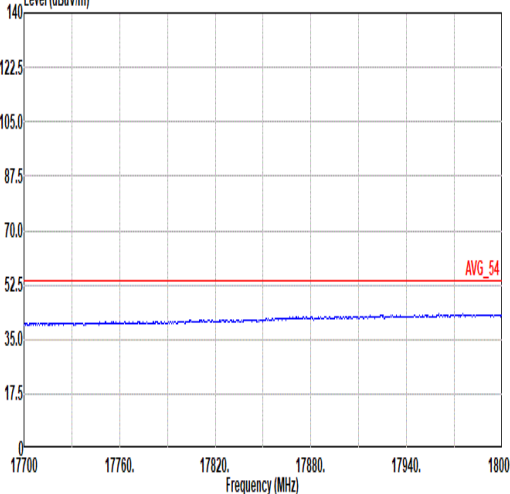
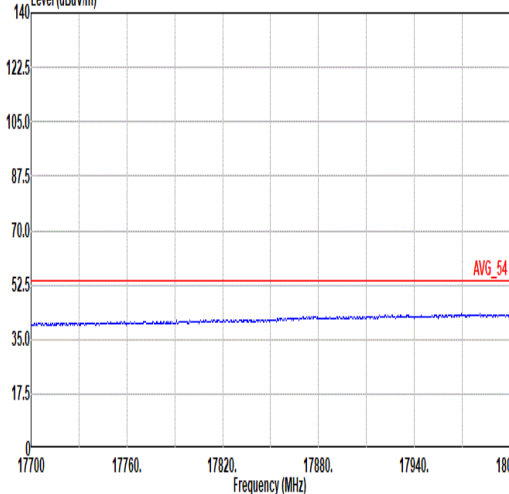


Mode	3																																										
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Peak	Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>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>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>5409.84</td><td>49.67</td><td>74.00</td><td>-24.33</td><td>39.92</td><td>32.00</td><td>9.70</td><td>32.75</td><td>0.00</td><td>279</td><td>317</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	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5409.84	49.67	74.00	-24.33	39.92	32.00	9.70	32.75	0.00	279	317	Peak	Blank
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																														
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Avg	Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>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>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>5459.34</td><td>39.33</td><td>54.00</td><td>-14.67</td><td>29.36</td><td>32.82</td><td>9.89</td><td>32.74</td><td>0.00</td><td>279</td><td>317</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	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5459.34	39.33	54.00	-14.67	29.36	32.82	9.89	32.74	0.00	279	317	Average	Blank
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																														
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Mode	3																																																																																																																									
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Pol.	Horizontal	Vertical																																																																																																																								
Peak Avg	Level (dBuV/m) Date: 2025-12-22 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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>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>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 deg</th></tr><tr><td>1 10480.00</td><td>46.17</td><td>68.20</td><td>-22.03</td><td>57.90</td><td>38.60</td><td>16.58</td><td>67.21</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>2 15720.00</td><td>48.49</td><td>74.00</td><td>-25.51</td><td>56.98</td><td>37.58</td><td>20.89</td><td>67.26</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>3 15720.00</td><td>38.02</td><td>54.00</td><td>-15.98</td><td>46.51</td><td>37.58</td><td>20.89</td><td>67.26</td><td>0.30</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	dB	cm deg	1 10480.00	46.17	68.20	-22.03	57.90	38.60	16.58	67.21	0.30	-- -- Peak	2 15720.00	48.49	74.00	-25.51	56.98	37.58	20.89	67.26	0.30	-- -- Peak	3 15720.00	38.02	54.00	-15.98	46.51	37.58	20.89	67.26	0.30	-- -- Average	Level (dBuV/m) Date: 2025-12-22 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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>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>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 deg</th></tr><tr><td>1 10480.00</td><td>46.37</td><td>68.20</td><td>-21.83</td><td>58.10</td><td>38.60</td><td>16.58</td><td>67.21</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>2 15720.00</td><td>49.09</td><td>74.00</td><td>-24.91</td><td>57.58</td><td>37.58</td><td>20.89</td><td>67.26</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>3 15720.00</td><td>37.82</td><td>54.00</td><td>-16.18</td><td>46.31</td><td>37.58</td><td>20.89</td><td>67.26</td><td>0.30</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	dB	cm deg	1 10480.00	46.37	68.20	-21.83	58.10	38.60	16.58	67.21	0.30	-- -- Peak	2 15720.00	49.09	74.00	-24.91	57.58	37.58	20.89	67.26	0.30	-- -- Peak	3 15720.00	37.82	54.00	-16.18	46.31	37.58	20.89	67.26	0.30	-- -- Average
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Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	5+8	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL
	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL



Mode	4																																																																									
	Band Edge																																																																									
	U-NII-1_5.15-5.25_802.11be EHT20_CH36_Full RU_5180MHz																																																																									
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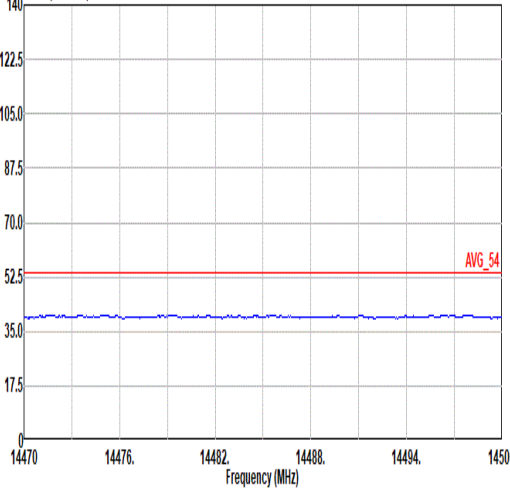
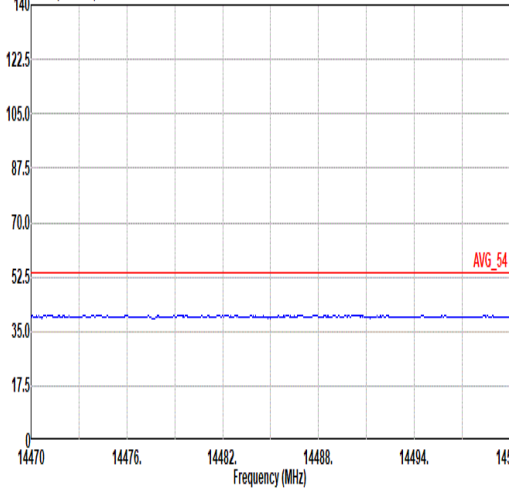
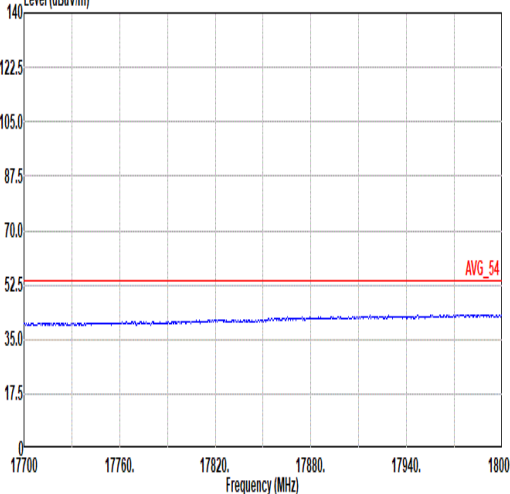
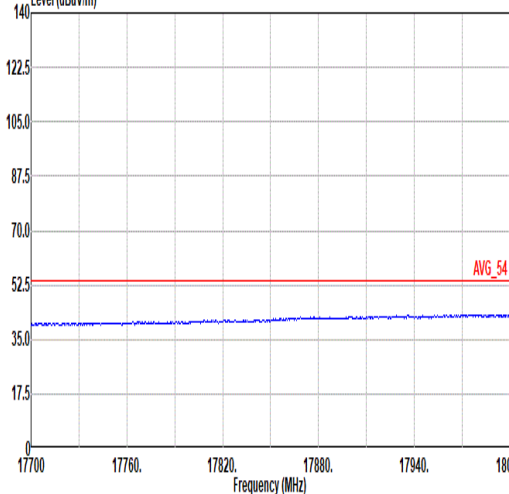


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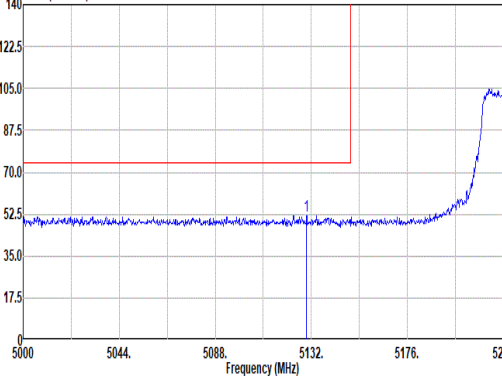
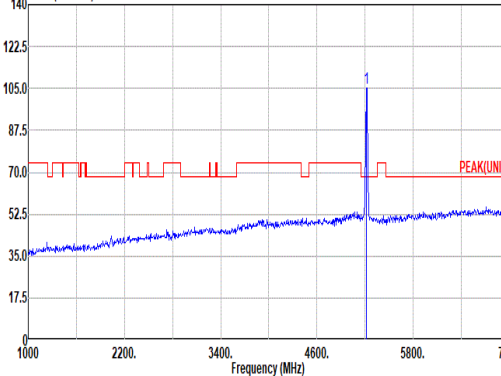
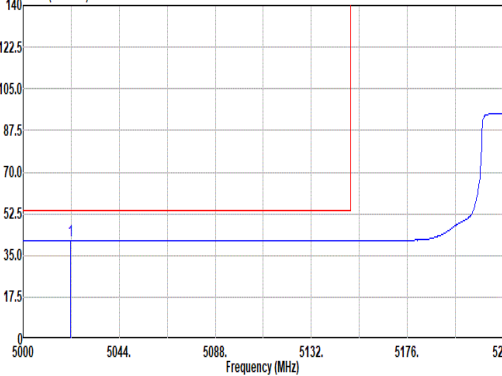
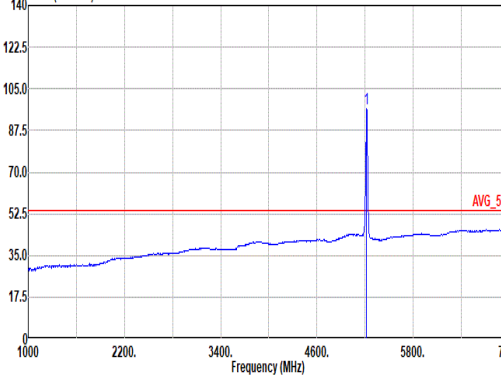


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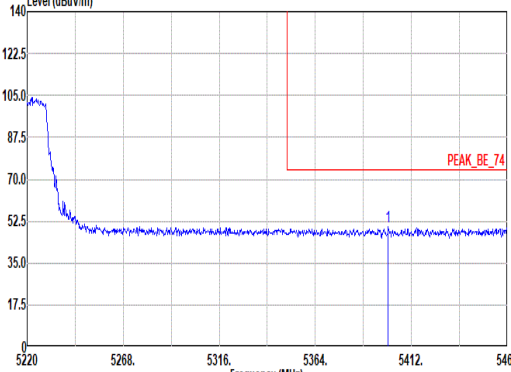
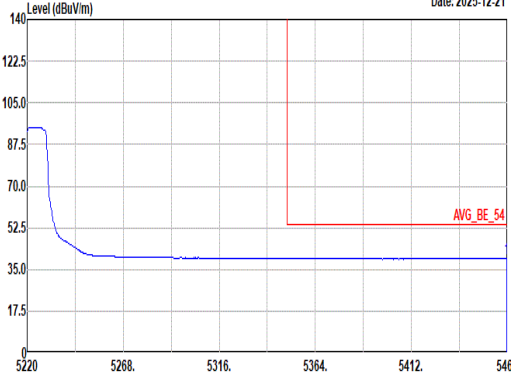


Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11be EHT20_CH36_Full RU_5180MHz	
ANT	5+8	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 VERTICAL
	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 VERTICAL



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Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																				
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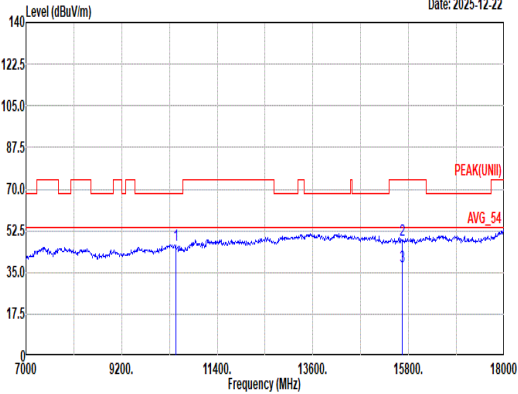
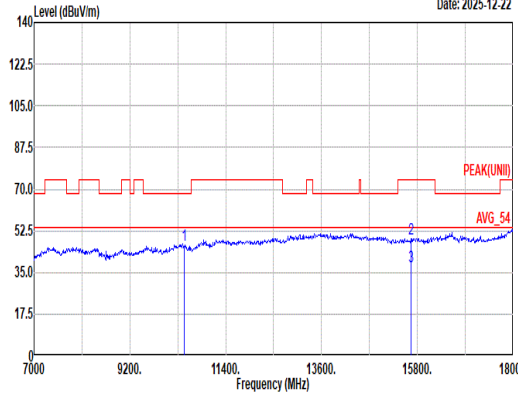


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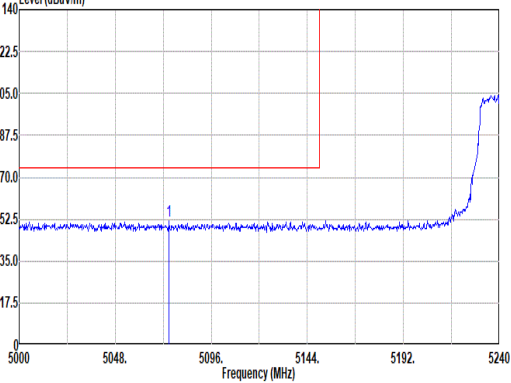
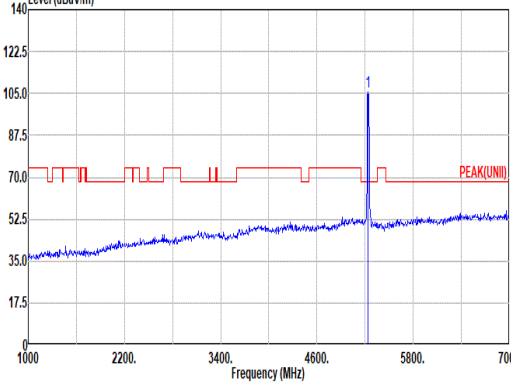
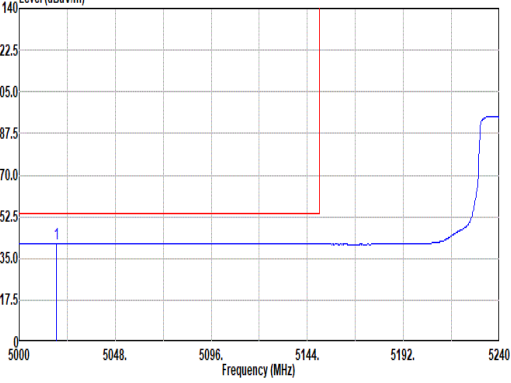
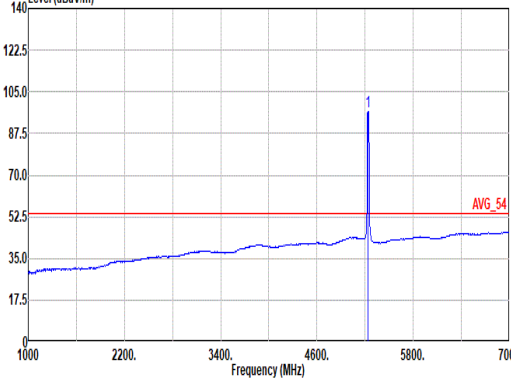


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Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11be EHT20_CH44_Full RU_5220MHz	
ANT	5+8	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-22 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL
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Mode	6										
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ANT	5+8										
Pol.	Horizontal						Fundamental				
Peak	</										

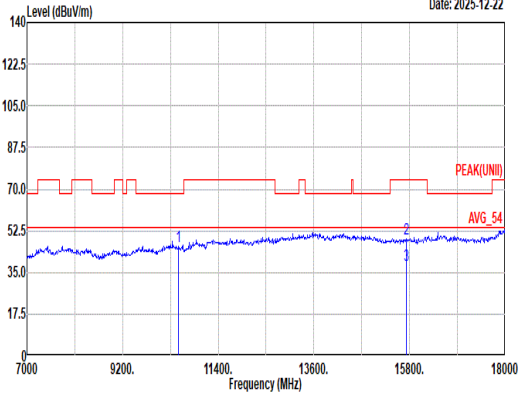
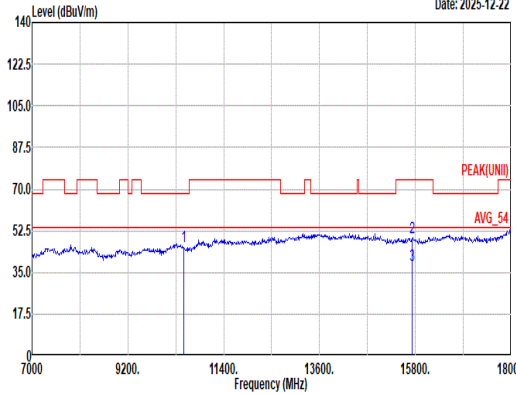


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Mode	6											
	Band Edge - R											
	U-NII-1_5.15-5.25_802.11be EHT20_CH48_Full RU_5240MHz											
ANT	5+8											
Pol.	Vertical						Fundamental					
Peak	Level (dBuV/m) <											



Mode	6																																																																																																																									
	Harmonic																																																																																																																									
	U-NII-1_5.15-5.25_802.11be EHT20_CH48_Full RU_5240MHz																																																																																																																									
ANT	5+8																																																																																																																									
Pol.	Horizontal	Vertical																																																																																																																								
Peak Avg	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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>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>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 deg</th></tr><tr><td>1 10480.00</td><td>45.81</td><td>68.20</td><td>-22.39</td><td>57.54</td><td>38.60</td><td>16.58</td><td>67.21</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>2 15720.00</td><td>49.09</td><td>74.00</td><td>-24.91</td><td>57.58</td><td>37.58</td><td>20.89</td><td>67.26</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>3 15720.00</td><td>37.82</td><td>54.00</td><td>-16.18</td><td>46.31</td><td>37.58</td><td>20.89</td><td>67.26</td><td>0.30</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	dB	cm deg	1 10480.00	45.81	68.20	-22.39	57.54	38.60	16.58	67.21	0.30	-- -- Peak	2 15720.00	49.09	74.00	-24.91	57.58	37.58	20.89	67.26	0.30	-- -- Peak	3 15720.00	37.82	54.00	-16.18	46.31	37.58	20.89	67.26	0.30	-- -- Average	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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>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>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 deg</th></tr><tr><td>1 10480.00</td><td>45.77</td><td>68.20</td><td>-22.43</td><td>57.50</td><td>38.60</td><td>16.58</td><td>67.21</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>2 15720.00</td><td>49.44</td><td>74.00</td><td>-24.56</td><td>57.93</td><td>37.58</td><td>20.89</td><td>67.26</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>3 15720.00</td><td>37.80</td><td>54.00</td><td>-16.20</td><td>46.29</td><td>37.58</td><td>20.89</td><td>67.26</td><td>0.30</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	dB	cm deg	1 10480.00	45.77	68.20	-22.43	57.50	38.60	16.58	67.21	0.30	-- -- Peak	2 15720.00	49.44	74.00	-24.56	57.93	37.58	20.89	67.26	0.30	-- -- Peak	3 15720.00	37.80	54.00	-16.20	46.29	37.58	20.89	67.26	0.30	-- -- Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																
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MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																	
1 10480.00	45.81	68.20	-22.39	57.54	38.60	16.58	67.21	0.30	-- -- Peak																																																																																																																	
2 15720.00	49.09	74.00	-24.91	57.58	37.58	20.89	67.26	0.30	-- -- Peak																																																																																																																	
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3 15720.00	37.80	54.00	-16.20	46.29	37.58	20.89	67.26	0.30	-- -- Average																																																																																																																	



Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11be EHT20_CH48_Full RU_5240MHz	
ANT	5+8	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-22 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL
	Level (dBuV/m) Date: 2025-12-22 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22 Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL



Mode	7																																																																																			
	Band Edge - L																																																																																			
	U-NII-1_5.15-5.25_802.11be EHT40_CH38_Full RU_5190MHz																																																																																			
ANT	5+8																																																																																			
Pol.	Horizontal						Fundamental																																																																													
Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><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 5071.25</td><td>51.44</td><td>74.00</td><td>-22.56</td><td>41.65</td><td>32.90</td><td>9.71</td><td>32.82</td><td>0.00</td><td>223</td><td>329</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 5071.25	51.44	74.00	-22.56	41.65	32.90	9.71	32.82	0.00	223	329	Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><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 5190.00</td><td>101.03</td><td>-----</td><td>-----</td><td>91.19</td><td>33.00</td><td>9.64</td><td>32.80</td><td>0.00</td><td>223</td><td>329</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 5190.00	101.03	-----	-----	91.19	33.00	9.64	32.80	0.00	223	329	Peak
	Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																								
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																										
1 5071.25	51.44	74.00	-22.56	41.65	32.90	9.71	32.82	0.00	223	329	Peak																																																																									
Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																										
1 5190.00	101.03	-----	-----	91.19	33.00	9.64	32.80	0.00	223	329	Peak																																																																									
Avg	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><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 5148.77</td><td>41.34</td><td>54.00</td><td>-12.66</td><td>31.49</td><td>33.00</td><td>9.66</td><td>32.81</td><td>0.00</td><td>223</td><td>329</td><td>Average</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 5148.77	41.34	54.00	-12.66	31.49	33.00	9.66	32.81	0.00	223	329	Average	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: AVG_54 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><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 5190.00</td><td>92.01</td><td>-----</td><td>-----</td><td>82.18</td><td>33.00</td><td>9.63</td><td>32.80</td><td>0.00</td><td>223</td><td>329</td><td>Average</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 5190.00	92.01	-----	-----	82.18	33.00	9.63	32.80	0.00	223	329	Average
	Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																								
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																										
1 5148.77	41.34	54.00	-12.66	31.49	33.00	9.66	32.81	0.00	223	329	Average																																																																									
Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																										
1 5190.00	92.01	-----	-----	82.18	33.00	9.63	32.80	0.00	223	329	Average																																																																									



Mode	7																																														
	Band Edge - R																																														
	U-NII-1_5.15-5.25_802.11be EHT40_CH38_Full RU_5190MHz																																														
ANT	5+8																																														
Pol.	Horizontal						Fundamental																																								
Peak	Level (dBuV/m) Date: 2025-12-21 PEAK_BE_74 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><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 5418.42</td><td>49.47</td><td>74.00</td><td>-24.53</td><td>39.69</td><td>32.00</td><td>9.73</td><td>32.75</td><td>0.00</td><td>223</td><td>329</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 5418.42	49.47	74.00	-24.53	39.69	32.00	9.73	32.75	0.00	223	329	Peak	Blank				
Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																					
1 5418.42	49.47	74.00	-24.53	39.69	32.00	9.73	32.75	0.00	223	329	Peak																																				
Avg	Level (dBuV/m) Date: 2025-12-21 AVG_BE_54 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><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 5454.60</td><td>39.31</td><td>54.00</td><td>-14.69</td><td>29.37</td><td>32.81</td><td>9.87</td><td>32.74</td><td>0.00</td><td>223</td><td>329</td><td>Average</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 5454.60	39.31	54.00	-14.69	29.37	32.81	9.87	32.74	0.00	223	329	Average	Blank				
Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																					
1 5454.60	39.31	54.00	-14.69	29.37	32.81	9.87	32.74	0.00	223	329	Average																																				



		7									
Mode	Band Edge - L										
	U-NII-1_5.15-5.25_802.11be EHT40_CH38_Full RU_5190MHz										
ANT	5+8										
Pol.	Vertical						Fundamental				
Peak	<										

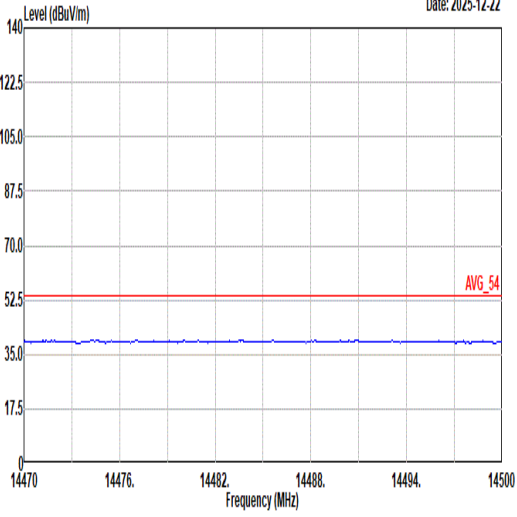
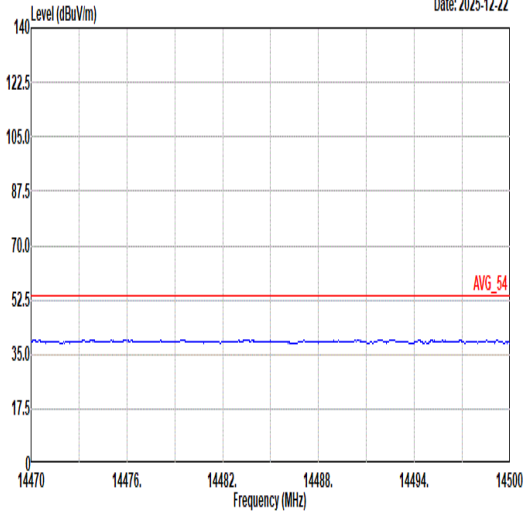
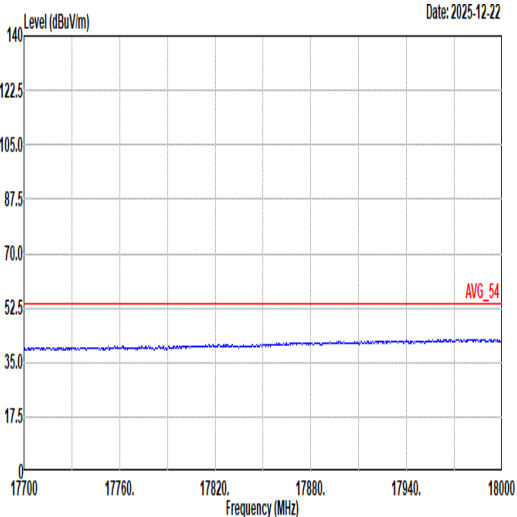
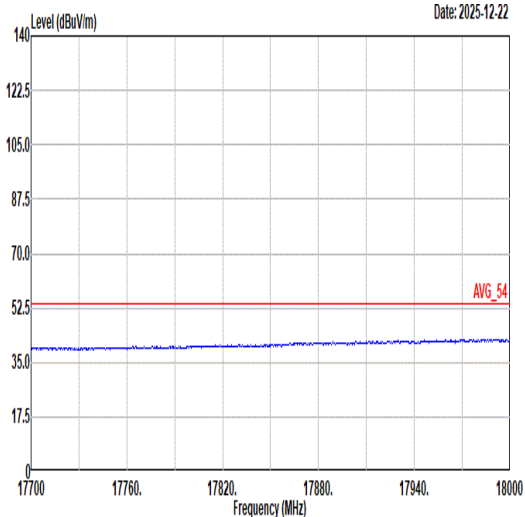


Mode	7																																								
	Band Edge - R																																								
	U-NII-1_5.15-5.25_802.11be EHT40_CH38_Full RU_5190MHz																																								
ANT	5+8																																								
Pol.	Vertical	Fundamental																																							
Peak	Date: 2025-12-21 Level (dBuV/m) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 5190 5244 5298 5352 5406 5460 Frequency (MHz) PEAK_BE_74 1 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></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 5455.14</td><td>49.67</td><td>74.00</td><td>-24.33</td><td></td><td>39.73</td><td>32.81</td><td>9.87</td><td>32.74</td><td>0.00</td><td>200</td><td>70</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 5455.14	49.67	74.00	-24.33		39.73	32.81	9.87	32.74	0.00	200	70	Peak	Blank
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 5455.14	49.67	74.00	-24.33		39.73	32.81	9.87	32.74	0.00	200	70	Peak																													
Avg	Date: 2025-12-21 Level (dBuV/m) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 0 5190 5244 5298 5352 5406 5460 Frequency (MHz) AVG_BE_54 1 Site : 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_250915 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></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 5457.30</td><td>39.33</td><td>54.00</td><td>-14.67</td><td></td><td>29.38</td><td>32.81</td><td>9.88</td><td>32.74</td><td>0.00</td><td>200</td><td>70</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 5457.30	39.33	54.00	-14.67		29.38	32.81	9.88	32.74	0.00	200	70	Average	Blank
Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																													
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Peak Avg	Level (dBuV/m) Date: 2025-12-23 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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>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>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 deg</th></tr><tr><td>1 10380.00</td><td>45.23</td><td>68.20</td><td>-22.97</td><td>57.12</td><td>38.60</td><td>16.49</td><td>67.27</td><td>0.29</td><td>-- -- Peak</td></tr><tr><td>2 15570.00</td><td>49.39</td><td>74.00</td><td>-24.61</td><td>57.73</td><td>37.92</td><td>20.73</td><td>67.29</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>3 15570.00</td><td>37.60</td><td>54.00</td><td>-16.40</td><td>45.94</td><td>37.92</td><td>20.73</td><td>67.29</td><td>0.30</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	dB	cm deg	1 10380.00	45.23	68.20	-22.97	57.12	38.60	16.49	67.27	0.29	-- -- Peak	2 15570.00	49.39	74.00	-24.61	57.73	37.92	20.73	67.29	0.30	-- -- Peak	3 15570.00	37.60	54.00	-16.40	45.94	37.92	20.73	67.29	0.30	-- -- Average	Level (dBuV/m) Date: 2025-12-23 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 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>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>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 deg</th></tr><tr><td>1 10380.00</td><td>46.17</td><td>68.20</td><td>-22.03</td><td>58.06</td><td>38.60</td><td>16.49</td><td>67.27</td><td>0.29</td><td>-- -- Peak</td></tr><tr><td>2 15570.00</td><td>48.89</td><td>74.00</td><td>-25.11</td><td>57.23</td><td>37.92</td><td>20.73</td><td>67.29</td><td>0.30</td><td>-- -- Peak</td></tr><tr><td>3 15570.00</td><td>37.51</td><td>54.00</td><td>-16.49</td><td>45.85</td><td>37.92</td><td>20.73</td><td>67.29</td><td>0.30</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	dB	cm deg	1 10380.00	46.17	68.20	-22.03	58.06	38.60	16.49	67.27	0.29	-- -- Peak	2 15570.00	48.89	74.00	-25.11	57.23	37.92	20.73	67.29	0.30	-- -- Peak	3 15570.00	37.51	54.00	-16.49	45.85	37.92	20.73	67.29	0.30	-- -- Average
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Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11be EHT40_CH38_Full RU_5190MHz	
ANT	5+8	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL
	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2025-12-22  Site : 03CH11-HY Condition: AVG_54 3m 91280_01620_250915 VERTICAL



Mode	8																																																																									
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	U-NII-1_5.15-5.25_802.11be EHT40_CH46_Full RU_5230MHz																																																																									
ANT	5+8																																																																									
Pol.	Horizontal	Fundamental																																																																								
Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><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 Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/m dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 5009.89 51.91 74.00 -22.09 41.94 33.06 9.75 32.84 0.00 236 329 Peak</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></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 dB/m dB dB dB dB cm deg									1 5009.89 51.91 74.00 -22.09 41.94 33.06 9.75 32.84 0.00 236 329 Peak									Level (dBuV/m) Date: 2025-12-21 Site : 03CH11-HY Condition: PEAK(UNII) 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><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 Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/m dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 5230.00 100.62 ----- 90.91 32.86 9.64 32.79 0.00 236 329 Peak</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></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 dB/m dB dB dB dB cm deg									1 5230.00 100.62 ----- 90.91 32.86 9.64 32.79 0.00 236 329 Peak								
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