



FCC RADIO TEST REPORT

FCC ID : 2AEM4-5170111
Equipment : Wireless Router
Brand Name : eero
Model Name : SN10001
Applicant : eero LLC
660 3rd Street, 4th Floor, San Francisco, CA, USA
Manufacturer : eero LLC
660 3rd Street, 4th Floor, San Francisco, CA, USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Apr. 29, 2024 and testing was performed from Apr. 30, 2024 to Jun. 17, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



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History of this test report

Report No.	Version	Description	Issue Date
FR422010D	01	Initial issue of report	Jun. 27, 2024
FR422010D	02	Revise Section 2.2 and Appendix C This report is an updated version, replacing the report issued on Jun. 27, 2024.	Jul. 09, 2024
FR422010D	03	Revise Equipment name This report is an updated version, replacing the report issued on Jul. 09, 2024.	Aug. 21, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
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	0.04 dB under the limit at 5350.38 MHz 0.04 dB under the limit at 5149.72 MHz 0.04 dB under the limit at 5350.80 MHz
3.5	15.207	AC Conducted Emission	Pass	11.97 dB under the limit at 0.81 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

- 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.
- 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: Yun Huang

Report Producer: Michelle Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs Bluetooth-LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, and IEEE 802.15.4.	
Antenna Type WLAN: <5G_Ant. 0>: Dipole Antenna <2.4G_Ant. 0 and 5G_Ant. 1>: Dipole Antenna <2.4G_Ant. 1 >: Dipole Antenna Bluetooth-LE: Dipole Antenna IEEE 802.15.4: Dipole Antenna	

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	<5G_Ant0>: 3.81 <5G_Ant1>: 3.40
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	<5G_Ant0>: 3.91 <5G_Ant1>: 3.52
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	<5G_Ant0>: 4.23 <5G_Ant1>: 3.53

Antenna information for Directional Gain		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	<5G_Ant0 + 5G_Ant1 > Correlated:3.76 Uncorrelated: 1.33
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	<5G_Ant0 + 5G_Ant1 > Correlated:3.72 Uncorrelated: 1.39
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	<5G_Ant0 + 5G_Ant1 > Correlated:4.89 Uncorrelated: 2.24

Antenna information for elevation angle above 30 degrees		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	<5G_Ant0>: -0.39 <5G_Ant1>: 1.45 <5G_Ant0 + 5G_Ant1> Correlated:2.76 Uncorrelated: -0.12

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.



1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

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.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. CO05-HY (TAF Code:1190)
Remark	The AC Conducted Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

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.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY, 03CH21-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ 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.
- ♦ ANSI C63.10-2013

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).
- 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.
4. The above Frequency and Channel 122 with "#" is 802.11be EHT240.



2.2 Test Mode

TX power level on Ant. 1 in SISO mode is same as that in MIMO mode, so measurement in MIMO mode is sufficient to cover its SISO mode. Test has been performed on MIMO mode, and SISO mode on Ant. 0.

The power for 802.11n 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.

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)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11ax HE160 (Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0
802.11be EHT240	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + PoE Power Injector (C510011)



Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

BW160	5150-5350 MHz		5470-5725MHz	
	802.11ac VHT160		802.11ac VHT160	
Ch. #	50		114	



Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11be EHT20	802.11be EHT20	802.11be EHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11be EHT40	802.11be EHT40	802.11be EHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

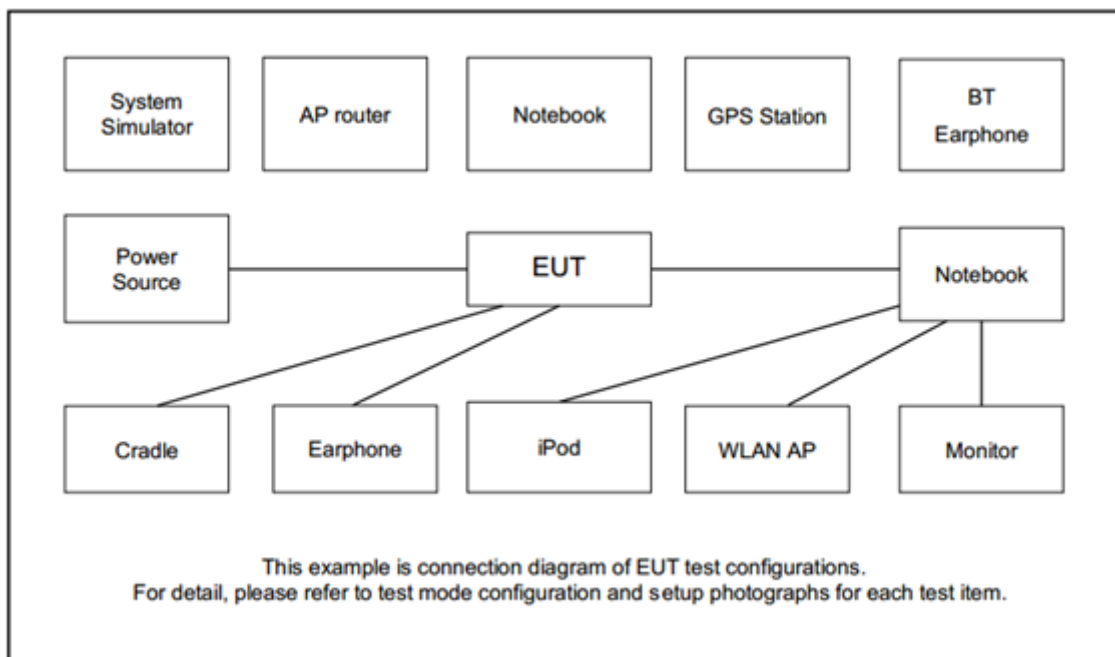
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11be EHT80	802.11be EHT80	802.11be EHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

BW160	5150-5350 MHz		5470-5725MHz
	802.11be EHT160		802.11be EHT160
Ch. #	50		114

BW240	5470-5725MHz		
	802.11be EHT240		
Ch. #	122		

Remark: 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.	Notebook	DELL	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	PoE INJECTOR	eero	POE-PTTI-3055NDN	FCC DOC	N/A	N/A



2.5 EUT Operation Test Setup

The RF test items, utility “QRCT Version 4.0.95.1” 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.

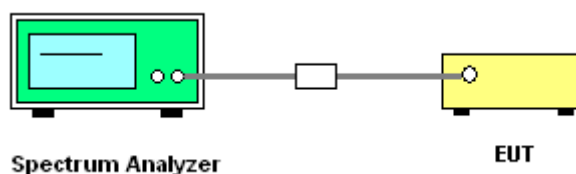
3.1.2 Measuring Instruments

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

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

■ For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

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

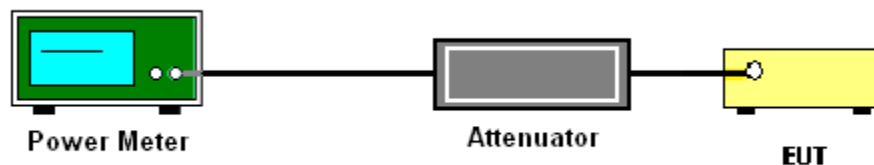
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-2

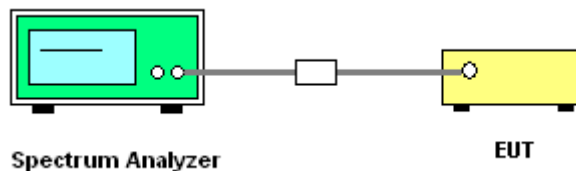
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

EIRP (dBm)	Field Strength at 3m (dB μ V/m)
- 27	68.3

(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

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) Use the following spectrum analyzer settings:

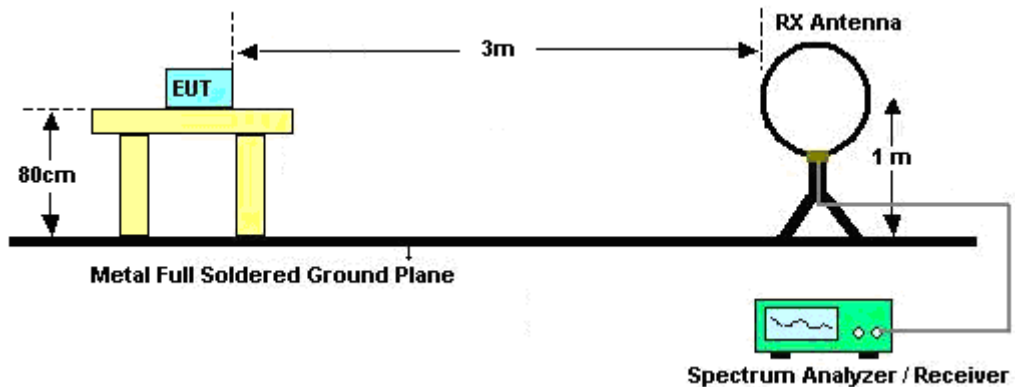
For average measurement:

The procedure for method trace averaging is as follows:

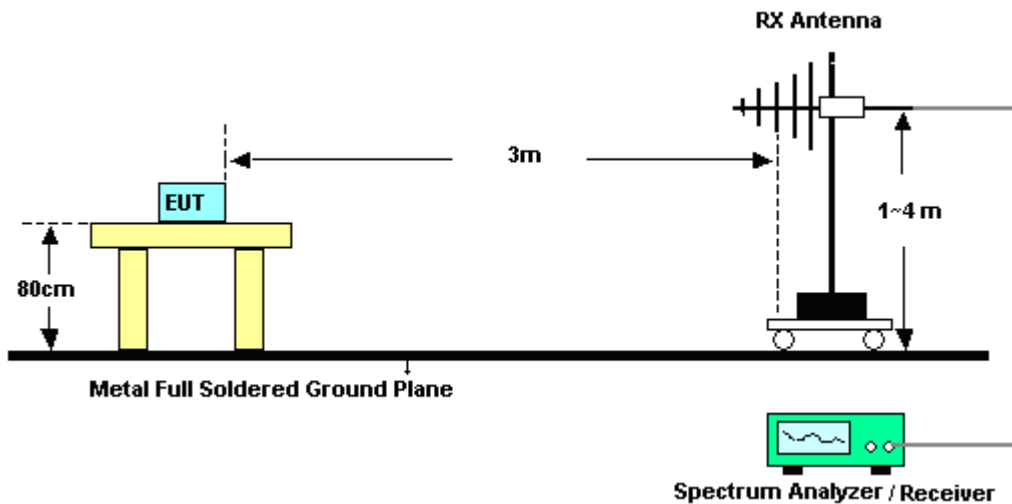
- a) RBW = 1 MHz.
- b) VBW $\geq [3 \times \text{RBW}]$.
- c) Detector = RMS (power averaging), if $[\text{span} / (\# \text{ of points in sweep})] \leq \text{RBW} / 2$. Satisfying this condition can require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, then the detector mode shall be set to peak.
- d) Averaging type = power (i.e., rms) (As an alternative, the detector and averaging type may be set for linear voltage averaging).
- e) Sweep time = auto.
- f) Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, then the number of traces shall be increased by a factor of $1 / D$, where D is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 100 traces shall be averaged.)
- g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, then a correction factor shall be added to the measurement results prior to comparing with the emission limit, to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (rms) mode was used in the preceding step e), then the correction factor is $[10 \log (1 / D)]$, where D is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB shall be added to the measured emission levels.
 - 2) If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

3.4.4 Test Setup

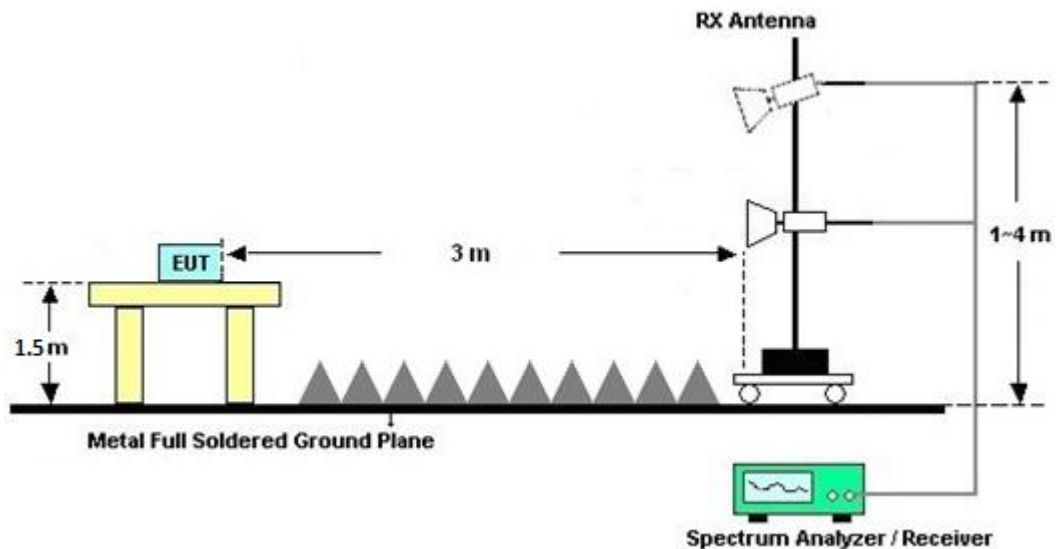
For radiated emissions below 30MHz



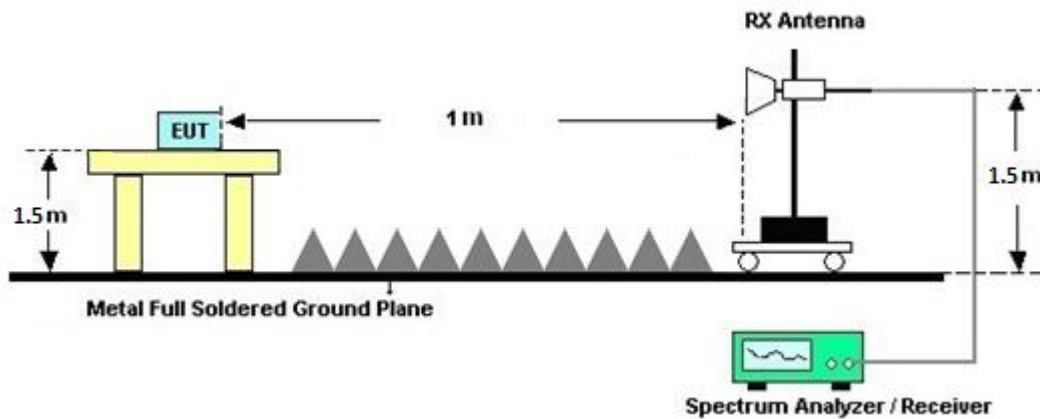
For radiated emissions from 30MHz to 1GHz



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.

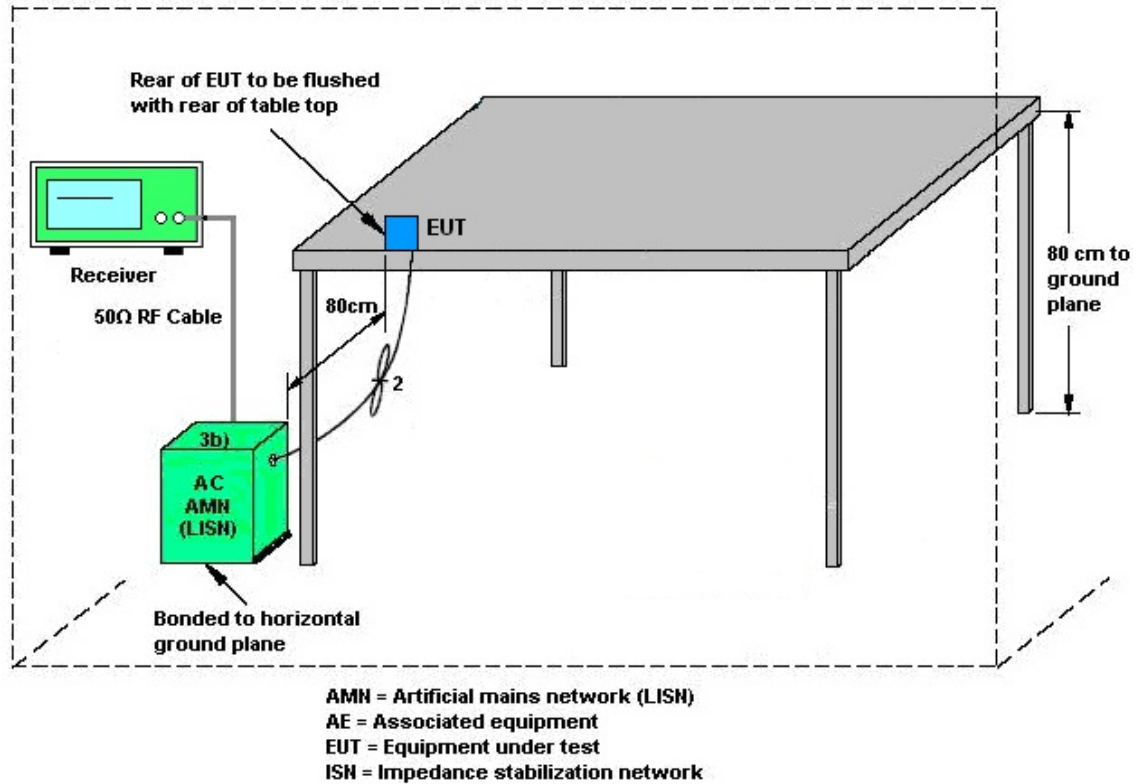
3.5.2 Measuring Instruments

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

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 rule.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	May 09, 2024~ Jun. 12, 2024	Sep. 11, 2024	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Oct. 15, 2023	May 09, 2024~ Jun. 12, 2024	Oct. 14, 2024	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 12, 2023	May 09, 2024~ Jun. 12, 2024	Jul. 11, 2024	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1223	18GHz~40GHz	Jul. 10, 2023	May 09, 2024~ Jun. 12, 2024	Jul. 09, 2024	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 15, 2023	May 09, 2024~ Jun. 12, 2024	Jul. 14, 2024	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 28, 2023	May 09, 2024~ Jun. 12, 2024	Sep. 27, 2024	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 30, 2023	May 09, 2024~ Jun. 12, 2024	Aug. 29, 2024	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Aug. 28, 2023	May 09, 2024~ Jun. 12, 2024	Aug. 27, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	May 09, 2024~ Jun. 12, 2024	Mar. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8046 12/2,804614/2	30MHz~40GHz	Oct. 24, 2023	May 09, 2024~ Jun. 12, 2024	Oct. 23, 2024	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	May 09, 2024~ Jun. 12, 2024	Oct. 29, 2024	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 09, 2024~ Jun. 12, 2024	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 09, 2024~ Jun. 12, 2024	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 09, 2024~ Jun. 12, 2024	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	May 09, 2024~ Jun. 12, 2024	N/A	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Apr. 30, 2024~ Jun. 17, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 36 (NO:35_原 144)	10MHz~6GHz	Aug. 23, 2023	Apr. 30, 2024~ Jun. 17, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	Apr. 30, 2024~ Jun. 17, 2024	Sep. 11, 2024	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 09, 2024	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 06, 2023	May 09, 2024	Dec. 05, 2024	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 26, 2023	May 09, 2024	Oct. 25, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 22, 2023	May 09, 2024	Nov. 21, 2024	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	May 09, 2024	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	00691	N/A	Jul. 28, 2023	May 09, 2024	Jul. 27, 2024	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 28, 2023	May 09, 2024	Dec. 27, 2024	Conduction (CO05-HY)



5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.5 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.4 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2024/04/30~2024/06/17	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	36	5180	17.03	16.98	22.53	22.45	-	-	22.30	-	
11a	6Mbps	2	44	5220	17.08	16.98	22.64	22.53	-	-	22.30	-	
11a	6Mbps	2	48	5240	17.03	17.08	22.64	22.50	-	-	22.31	-	
VHT20	MCS0	2	36	5180	18.13	18.13	23.24	23.63	-	-	22.58	-	
VHT20	MCS0	2	44	5220	18.08	18.13	23.65	23.26	-	-	22.57	-	
VHT20	MCS0	2	48	5240	18.08	18.13	23.33	23.30	-	-	22.57	-	
VHT40	MCS0	2	38	5190	37.46	37.36	47.52	45.90	-	-	23.01	-	
VHT40	MCS0	2	46	5230	37.56	37.26	47.34	46.06	-	-	23.01	-	
VHT80	MCS0	2	42	5210	76.48	76.36	95.10	93.47	-	-	23.01	-	
VHT160	MCS0	2	50	5250	156.08	156.08	175.48	174.00	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	36	5180	21.30	-	-	30.00	-	3.81	3.40	-	Pass
11a	6Mbps	1	44	5220	21.20	-		30.00	-	3.81	3.40		Pass
11a	6Mbps	1	48	5240	21.20	-		30.00	-	3.81	3.40		Pass
HT20	MCS0	1	36	5180	21.20	-		30.00	-	3.81	3.40		Pass
HT20	MCS0	1	44	5220	21.20	-		30.00	-	3.81	3.40		Pass
HT20	MCS0	1	48	5240	21.20	-		30.00	-	3.81	3.40		Pass
HT40	MCS0	1	38	5190	20.60	-		30.00	-	3.81	3.40		Pass
HT40	MCS0	1	46	5230	21.20	-		30.00	-	3.81	3.40		Pass
VHT20	MCS0	1	36	5180	21.30	-		30.00	-	3.81	3.40		Pass
VHT20	MCS0	1	44	5220	21.30	-		30.00	-	3.81	3.40		Pass
VHT20	MCS0	1	48	5240	21.30	-		30.00	-	3.81	3.40		Pass
VHT40	MCS0	1	38	5190	20.70	-		30.00	-	3.81	3.40		Pass
VHT40	MCS0	1	46	5230	21.30	-		30.00	-	3.81	3.40		Pass
VHT80	MCS0	1	42	5210	21.20	-		30.00	-	3.81	3.40		Pass
VHT160	MCS0	1	50	5250	20.70	-		30.00	-	3.81	3.40		Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	17.40	18.00	20.72	30.00		1.33		-	Pass
11a	6Mbps	2	44	5220	17.80	17.90	20.86	30.00		1.33			Pass
11a	6Mbps	2	48	5240	17.30	18.00	20.67	30.00		1.33			Pass
HT20	MCS0	2	36	5180	17.30	17.90	20.62	30.00		1.33			Pass
HT20	MCS0	2	44	5220	17.40	17.70	20.56	30.00		1.33			Pass
HT20	MCS0	2	48	5240	17.20	17.90	20.57	30.00		1.33			Pass
HT40	MCS0	2	38	5190	17.30	17.80	20.57	30.00		1.33			Pass
HT40	MCS0	2	46	5230	17.40	17.60	20.51	30.00		1.33			Pass
VHT20	MCS0	2	36	5180	17.40	18.00	20.72	30.00		1.33			Pass
VHT20	MCS0	2	44	5220	17.50	17.80	20.66	30.00		1.33			Pass
VHT20	MCS0	2	48	5240	17.30	18.00	20.67	30.00		1.33			Pass
VHT40	MCS0	2	38	5190	17.40	17.90	20.67	30.00		1.33			Pass
VHT40	MCS0	2	46	5230	17.50	17.70	20.61	30.00		1.33			Pass
VHT80	MCS0	2	42	5210	17.50	17.70	20.61	30.00		1.33			Pass
VHT160	MCS0	2	50	5250	17.50	17.90	20.71	30.00		1.33			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna for elevation angle above 30 degrees														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	1	36	5180	21.30	-	-	-0.39	1.45	20.91	-	21.00	-	Pass
11a	6Mbps	1	44	5220	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
11a	6Mbps	1	48	5240	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
HT20	MCS0	1	36	5180	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
HT20	MCS0	1	44	5220	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
HT20	MCS0	1	48	5240	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
HT40	MCS0	1	38	5190	20.60	-		-0.39	1.45	20.21	-	21.00	-	Pass
HT40	MCS0	1	46	5230	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
VHT20	MCS0	1	36	5180	21.30	-		-0.39	1.45	20.91	-	21.00	-	Pass
VHT20	MCS0	1	44	5220	21.30	-		-0.39	1.45	20.91	-	21.00	-	Pass
VHT20	MCS0	1	48	5240	21.30	-		-0.39	1.45	20.91	-	21.00	-	Pass
VHT40	MCS0	1	38	5190	20.70	-		-0.39	1.45	20.31	-	21.00	-	Pass
VHT40	MCS0	1	46	5230	21.30	-		-0.39	1.45	20.91	-	21.00	-	Pass
VHT80	MCS0	1	42	5210	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
VHT160	MCS0	1	50	5250	20.70	-		-0.39	1.45	20.31	-	21.00	-	Pass

FCC U-NII-1 MIMO antenna for elevation angle above 30 degrees														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	36	5180	17.40	18.00	20.72	-0.12		20.60		21.00		Pass
11a	6Mbps	2	44	5220	17.80	17.90	20.86	-0.12		20.74		21.00		Pass
11a	6Mbps	2	48	5240	17.30	18.00	20.67	-0.12		20.55		21.00		Pass
HT20	MCS0	2	36	5180	17.30	17.90	20.62	-0.12		20.50		21.00		Pass
HT20	MCS0	2	44	5220	17.40	17.70	20.56	-0.12		20.44		21.00		Pass
HT20	MCS0	2	48	5240	17.20	17.90	20.57	-0.12		20.45		21.00		Pass
HT40	MCS0	2	38	5190	17.30	17.80	20.57	-0.12		20.45		21.00		Pass
HT40	MCS0	2	46	5230	17.40	17.60	20.51	-0.12		20.39		21.00		Pass
VHT20	MCS0	2	36	5180	17.40	18.00	20.72	-0.12		20.60		21.00		Pass
VHT20	MCS0	2	44	5220	17.50	17.80	20.66	-0.12		20.54		21.00		Pass
VHT20	MCS0	2	48	5240	17.30	18.00	20.67	-0.12		20.55		21.00		Pass
VHT40	MCS0	2	38	5190	17.40	17.90	20.67	-0.12		20.55		21.00		Pass
VHT40	MCS0	2	46	5230	17.50	17.70	20.61	-0.12		20.49		21.00		Pass
VHT80	MCS0	2	42	5210	17.50	17.70	20.61	-0.12		20.49		21.00		Pass
VHT160	MCS0	2	50	5250	17.50	17.90	20.71	-0.12		20.59		21.00		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna														
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	1	36	5180	0.24	-	9.65	-	-	17.00	-	3.81	3.40	Pass
11a	6Mbps	1	44	5220	0.24	-	9.49	-		17.00	-	3.81	3.40	Pass
11a	6Mbps	1	48	5240	0.24	-	9.45	-		17.00	-	3.81	3.40	Pass
VHT20	MCS0	1	36	5180	0.23	-	9.16	-		17.00	-	3.81	3.40	Pass
VHT20	MCS0	1	44	5220	0.23	-	9.29	-		17.00	-	3.81	3.40	Pass
VHT20	MCS0	1	48	5240	0.23	-	9.21	-		17.00	-	3.81	3.40	Pass
VHT40	MCS0	1	38	5190	0.22	-	5.79	-		17.00	-	3.81	3.40	Pass
VHT40	MCS0	1	46	5230	0.22	-	6.03	-		17.00	-	3.81	3.40	Pass
VHT80	MCS0	1	42	5210	0.24	-	3.00	-		17.00	-	3.81	3.40	Pass
VHT160	MCS0	1	50	5250	0.24	-	-0.22	-		17.00	-	3.81	3.40	Pass

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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	36	5180	0.24	0.23	-		8.61	17.00		3.76		Pass
11a	6Mbps	2	44	5220	0.24	0.23			8.93	17.00		3.76		Pass
11a	6Mbps	2	48	5240	0.24	0.23			8.66	17.00		3.76		Pass
VHT20	MCS0	2	36	5180	0.23	0.23			8.45	17.00		3.76		Pass
VHT20	MCS0	2	44	5220	0.23	0.23			8.35	17.00		3.76		Pass
VHT20	MCS0	2	48	5240	0.23	0.23			8.45	17.00		3.76		Pass
VHT40	MCS0	2	38	5190	0.22	0.22			5.75	17.00		3.76		Pass
VHT40	MCS0	2	46	5230	0.22	0.22			5.68	17.00		3.76		Pass
VHT80	MCS0	2	42	5210	0.35	0.35			2.41	17.00		3.76		Pass
VHT160	MCS0	2	50	5250	0.28	0.27			-1.27	17.00		3.76		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	17.08	16.98	22.74	22.32	23.30		29.30		23.98		-
11a	6Mbps	2	60	5300	17.08	17.03	22.63	22.40	23.31		29.31		23.98		
11a	6Mbps	2	64	5320	17.13	17.03	22.64	22.56	23.31		29.31		23.98		
VHT20	MCS0	2	52	5260	18.08	18.13	23.38	23.21	23.57		29.57		23.98		
VHT20	MCS0	2	60	5300	18.08	18.13	23.69	23.32	23.57		29.57		23.98		
VHT20	MCS0	2	64	5320	18.08	18.13	23.70	23.32	23.57		29.57		23.98		
VHT40	MCS0	2	54	5270	37.36	37.26	47.63	46.64	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	37.36	37.36	47.39	47.18	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.48	76.24	95.04	92.70	23.98		30.00		23.98		
VHT160	MCS0	2	50	5250	156.08	156.08	175.48	174.00	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna													
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	52	5260	22.70	-	-	23.98	-	3.91	3.52	30	Pass
11a	6Mbps	1	60	5300	22.70	-		23.98	-	3.91	3.52	30	Pass
11a	6Mbps	1	64	5320	22.90	-		23.98	-	3.91	3.52	30	Pass
HT20	MCS0	1	52	5260	23.10	-		23.98	-	3.91	3.52	30	Pass
HT20	MCS0	1	60	5300	23.10	-		23.98	-	3.91	3.52	30	Pass
HT20	MCS0	1	64	5320	22.80	-		23.98	-	3.91	3.52	30	Pass
HT40	MCS0	1	54	5270	23.60	-		23.98	-	3.91	3.52	30	Pass
HT40	MCS0	1	62	5310	20.20	-		23.98	-	3.91	3.52	30	Pass
VHT20	MCS0	1	52	5260	23.20	-		23.98	-	3.91	3.52	30	Pass
VHT20	MCS0	1	60	5300	23.20	-		23.98	-	3.91	3.52	30	Pass
VHT20	MCS0	1	64	5320	22.90	-		23.98	-	3.91	3.52	30	Pass
VHT40	MCS0	1	54	5270	23.70	-		23.98	-	3.91	3.52	30	Pass
VHT40	MCS0	1	62	5310	20.30	-		23.98	-	3.91	3.52	30	Pass
VHT80	MCS0	1	58	5290	20.00	-		23.98	-	3.91	3.52	30	Pass
VHT160	MCS0	1	50	5250	20.70	-		23.98	-	3.91	3.52	30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260	19.30	20.00	22.67	23.98		1.39		30	Pass
11a	6Mbps	2	60	5300	19.40	20.40	22.94	23.98		1.39		30	Pass
11a	6Mbps	2	64	5320	19.50	20.40	22.98	23.98		1.39		30	Pass
HT20	MCS0	2	52	5260	19.30	20.00	22.67	23.98		1.39		30	Pass
HT20	MCS0	2	60	5300	19.40	20.30	22.88	23.98		1.39		30	Pass
HT20	MCS0	2	64	5320	19.40	20.30	22.88	23.98		1.39		30	Pass
HT40	MCS0	2	54	5270	20.30	21.00	23.67	23.98		1.39		30	Pass
HT40	MCS0	2	62	5310	19.00	19.90	22.48	23.98		1.39		30	Pass
VHT20	MCS0	2	52	5260	19.40	20.10	22.77	23.98		1.39		30	Pass
VHT20	MCS0	2	60	5300	19.50	20.40	22.98	23.98		1.39		30	Pass
VHT20	MCS0	2	64	5320	19.50	20.40	22.98	23.98		1.39		30	Pass
VHT40	MCS0	2	54	5270	20.40	21.10	23.77	23.98		1.39		30	Pass
VHT40	MCS0	2	62	5310	19.10	20.00	22.58	23.98		1.39		30	Pass
VHT80	MCS0	2	58	5290	19.40	20.10	22.77	23.98		1.39		30	Pass
VHT160	MCS0	2	50	5250	17.50	17.90	20.71	23.98		1.39		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna														
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	1	52	5260	0.24	-	10.89	-	-	11.00	-	3.91	3.52	Pass
11a	6Mbps	1	60	5300	0.24	-	10.85	-		11.00	-	3.91	3.52	Pass
11a	6Mbps	1	64	5320	0.24	-	10.95	-		11.00	-	3.91	3.52	Pass
VHT20	MCS0	1	52	5260	0.23	-	10.96	-		11.00	-	3.91	3.52	Pass
VHT20	MCS0	1	60	5300	0.23	-	10.90	-		11.00	-	3.91	3.52	Pass
VHT20	MCS0	1	64	5320	0.23	-	10.72	-		11.00	-	3.91	3.52	Pass
VHT40	MCS0	1	54	5270	0.22	-	8.66	-		11.00	-	3.91	3.52	Pass
VHT40	MCS0	1	62	5310	0.22	-	5.35	-		11.00	-	3.91	3.52	Pass
VHT80	MCS0	1	58	5290	0.24	-	2.09	-		11.00	-	3.91	3.52	Pass
VHT160	MCS0	1	50	5250	0.24	-	-0.22	-		11.00	-	3.91	3.52	Pass

U-NII-2A MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	0.24	0.23	-		10.90	11.00		3.72		Pass
11a	6Mbps	2	60	5300	0.24	0.23			10.99	11.00		3.72		Pass
11a	6Mbps	2	64	5320	0.24	0.23			10.99	11.00		3.72		Pass
VHT20	MCS0	2	52	5260	0.23	0.23			10.67	11.00		3.72		Pass
VHT20	MCS0	2	60	5300	0.23	0.23			10.75	11.00		3.72		Pass
VHT20	MCS0	2	64	5320	0.23	0.23			10.76	11.00		3.72		Pass
VHT40	MCS0	2	54	5270	0.22	0.22			9.06	11.00		3.72		Pass
VHT40	MCS0	2	62	5310	0.22	0.22			8.11	11.00		3.72		Pass
VHT80	MCS0	2	58	5290	0.35	0.35			4.93	11.00		3.72		Pass
VHT160	MCS0	2	50	5250	0.28	0.27			-1.27	11.00		3.72		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	100	5500	17.03	17.03	22.50	22.41	23.31		29.31		23.98		----	----
11a	6Mbps	2	116	5580	17.08	16.98	22.55	22.35	23.30		29.30		23.98		----	----
11a	6Mbps	2	140	5700	17.08	16.98	22.61	22.40	23.30		29.30		23.98		----	----
VHT20	MCS0	2	100	5500	18.08	18.13	23.32	23.28	23.57		29.57		23.98		----	----
VHT20	MCS0	2	116	5580	18.08	18.13	23.48	23.27	23.57		29.57		23.98		----	----
VHT20	MCS0	2	140	5700	18.08	18.13	23.60	23.14	23.57		29.57		23.98		----	----
VHT40	MCS0	2	102	5510	37.46	37.46	47.50	46.84	23.98		30.00		23.98		----	----
VHT40	MCS0	2	110	5550	37.46	37.46	46.94	46.33	23.98		30.00		23.98		----	----
VHT40	MCS0	2	134	5670	37.46	37.36	47.16	46.40	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	76.48	76.36	94.72	91.26	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	76.48	76.36	94.46	94.24	23.98		30.00		23.98		----	----
VHT160	MCS0	2	114	5570	156.32	156.08	173.90	172.99	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	144	5720	13.60	13.55	16.37	16.16	23.31		29.31		23.98		3.18	3.18
VHT20	MCS0	2	144	5720	14.00	14.05	16.26	16.48	23.47		29.47		23.98		3.81	3.8
VHT40	MCS0	2	142	5710	33.88	33.69	38.84	38.44	23.98		30.00		23.98		3.23	3.23
VHT80	MCS0	2	138	5690	73.37	73.25	82.17	81.79	23.98		30.00		23.98		3.23	3.23

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna													
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	100	5500	22.90	-	-	23.98	-	4.23	3.53	30	Pass
11a	6Mbps	1	116	5580	22.50	-		23.98	-	4.23	3.53	30	Pass
11a	6Mbps	1	140	5700	22.50	-		23.98	-	4.23	3.53	30	Pass
HT20	MCS0	1	100	5500	23.30	-		23.98	-	4.23	3.53	30	Pass
HT20	MCS0	1	116	5580	22.90	-		23.98	-	4.23	3.53	30	Pass
HT20	MCS0	1	140	5700	23.00	-		23.98	-	4.23	3.53	30	Pass
HT40	MCS0	1	102	5510	23.40	-		23.98	-	4.23	3.53	30	Pass
HT40	MCS0	1	110	5550	23.50	-		23.98	-	4.23	3.53	30	Pass
HT40	MCS0	1	134	5670	23.50	-		23.98	-	4.23	3.53	30	Pass
VHT20	MCS0	1	100	5500	23.40	-		23.98	-	4.23	3.53	30	Pass
VHT20	MCS0	1	116	5580	23.00	-		23.98	-	4.23	3.53	30	Pass
VHT20	MCS0	1	140	5700	23.10	-		23.98	-	4.23	3.53	30	Pass
VHT40	MCS0	1	102	5510	23.50	-		23.98	-	4.23	3.53	30	Pass
VHT40	MCS0	1	110	5550	23.60	-		23.98	-	4.23	3.53	30	Pass
VHT40	MCS0	1	134	5670	23.60	-		23.98	-	4.23	3.53	30	Pass
VHT80	MCS0	1	106	5530	22.60	-		23.98	-	4.23	3.53	30	Pass
VHT80	MCS0	1	122	5610	23.60	-		23.98	-	4.23	3.53	30	Pass
VHT160	MCS0	1	114	5570	22.80	-		23.98	-	4.23	3.53	30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500	19.70	19.90	22.81	23.98		2.24		30	Pass
11a	6Mbps	2	116	5580	19.20	19.90	22.57	23.98		2.24		30	Pass
11a	6Mbps	2	140	5700	19.90	19.20	22.57	23.98		2.24		30	Pass
HT20	MCS0	2	100	5500	19.60	19.90	22.76	23.98		2.24		30	Pass
HT20	MCS0	2	116	5580	19.10	19.90	22.53	23.98		2.24		30	Pass
HT20	MCS0	2	140	5700	19.80	19.10	22.47	23.98		2.24		30	Pass
HT40	MCS0	2	102	5510	20.70	20.70	23.71	23.98		2.24		30	Pass
HT40	MCS0	2	110	5550	20.40	20.80	23.61	23.98		2.24		30	Pass
HT40	MCS0	2	134	5670	20.90	20.50	23.71	23.98		2.24		30	Pass
VHT20	MCS0	2	100	5500	19.70	20.00	22.86	23.98		2.24		30	Pass
VHT20	MCS0	2	116	5580	19.20	20.00	22.63	23.98		2.24		30	Pass
VHT20	MCS0	2	140	5700	19.90	19.20	22.57	23.98		2.24		30	Pass
VHT40	MCS0	2	102	5510	20.80	20.80	23.81	23.98		2.24		30	Pass
VHT40	MCS0	2	110	5550	20.50	20.90	23.71	23.98		2.24		30	Pass
VHT40	MCS0	2	134	5670	21.00	20.60	23.81	23.98		2.24		30	Pass
VHT80	MCS0	2	106	5530	20.50	21.00	23.77	23.98		2.24		30	Pass
VHT80	MCS0	2	122	5610	20.50	20.70	23.61	23.98		2.24		30	Pass
VHT160	MCS0	2	114	5570	20.20	20.60	23.41	23.98		2.24		30	Pass

FCC U-NII-2C straddle channel single antenna													
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	144	5720	22.70	-	-	23.98	-	4.23	3.53	30	Pass
HT20	MCS0	1	144	5720	23.00	-		23.98	-	4.23	3.53	30	Pass
HT40	MCS0	1	142	5710	23.50	-		23.98	-	4.23	3.53	30	Pass
VHT20	MCS0	1	144	5720	23.10	-		23.98	-	4.23	3.53	30	Pass
VHT40	MCS0	1	142	5710	23.60	-		23.98	-	4.23	3.53	30	Pass
VHT80	MCS0	1	138	5690	23.80	-		23.98	-	4.23	3.53	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720	19.90	19.50	22.71	23.98		2.24		30	Pass
HT20	MCS0	2	144	5720	19.80	19.40	22.61	23.98		2.24		30	Pass
HT40	MCS0	2	142	5710	20.80	20.10	23.47	23.98		2.24		30	Pass
VHT20	MCS0	2	144	5720	19.90	19.50	22.71	23.98		2.24		30	Pass
VHT40	MCS0	2	142	5710	20.90	20.20	23.57	23.98		2.24		30	Pass
VHT80	MCS0	2	138	5690	21.10	20.50	23.82	23.98		2.24		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna														
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	1	100	5500	0.24	-	10.72	-	-	11.00	-	4.23	3.53	Pass
11a	6Mbps	1	116	5580	0.24	-	10.63	-		11.00	-	4.23	3.53	Pass
11a	6Mbps	1	140	5700	0.24	-	10.60	-		11.00	-	4.23	3.53	Pass
VHT20	MCS0	1	100	5500	0.23	-	10.98	-		11.00	-	4.23	3.53	Pass
VHT20	MCS0	1	116	5580	0.23	-	10.69	-		11.00	-	4.23	3.53	Pass
VHT20	MCS0	1	140	5700	0.23	-	10.66	-		11.00	-	4.23	3.53	Pass
VHT40	MCS0	1	102	5510	0.22	-	8.09	-		11.00	-	4.23	3.53	Pass
VHT40	MCS0	1	110	5550	0.22	-	8.43	-		11.00	-	4.23	3.53	Pass
VHT40	MCS0	1	134	5670	0.22	-	8.28	-		11.00	-	4.23	3.53	Pass
VHT80	MCS0	1	106	5530	0.24	-	4.61	-		11.00	-	4.23	3.53	Pass
VHT80	MCS0	1	122	5610	0.24	-	5.52	-		11.00	-	4.23	3.53	Pass
VHT160	MCS0	1	114	5570	0.24	-	0.97	-		11.00	-	4.23	3.53	Pass

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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	100	5500	0.24	0.23	-		10.71	11.00	4.89	-		Pass
11a	6Mbps	2	116	5580	0.24	0.23			10.56	11.00	4.89			Pass
11a	6Mbps	2	140	5700	0.24	0.23			10.61	11.00	4.89			Pass
VHT20	MCS0	2	100	5500	0.23	0.23			10.70	11.00	4.89			Pass
VHT20	MCS0	2	116	5580	0.23	0.23			10.71	11.00	4.89			Pass
VHT20	MCS0	2	140	5700	0.23	0.23			10.72	11.00	4.89			Pass
VHT40	MCS0	2	102	5510	0.22	0.22			8.73	11.00	4.89			Pass
VHT40	MCS0	2	110	5550	0.22	0.22			8.74	11.00	4.89			Pass
VHT40	MCS0	2	134	5670	0.22	0.22			8.78	11.00	4.89			Pass
VHT80	MCS0	2	106	5530	0.35	0.35			5.22	11.00	4.89			Pass
VHT80	MCS0	2	122	5610	0.35	0.35			5.58	11.00	4.89			Pass
VHT160	MCS0	2	114	5570	0.28	0.27			2.00	11.00	4.89			Pass

U-NII-2C straddle channel single antenna														
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	1	144	5720	0.24	-	10.80	-	-	11.00	-	4.23	3.53	Pass
VHT20	MCS0	1	144	5720	0.23	-	10.76	-		11.00	-	4.23	3.53	Pass
VHT40	MCS0	1	142	5710	0.22	-	8.19	-		11.00	-	4.23	3.53	Pass
VHT80	MCS0	1	138	5690	0.24	-	5.48	-		11.00	-	4.23	3.53	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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	144	5720	0.24	0.23	-		10.77	11.00	4.89	-		Pass
VHT20	MCS0	2	144	5720	0.23	0.23			10.82	11.00	4.89			Pass
VHT40	MCS0	2	142	5710	0.22	0.22			8.69	11.00	4.89			Pass
VHT80	MCS0	2	138	5690	0.35	0.35			5.85	11.00	4.89			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	36	5180	Full	21.20	-	-	30.00	-	3.81	3.40	-	Pass
HE20	MCS0	1	44	5220	Full	21.20	-		30.00	-	3.81	3.40		Pass
HE20	MCS0	1	48	5240	Full	21.20	-		30.00	-	3.81	3.40		Pass
HE40	MCS0	1	38	5190	Full	20.40	-		30.00	-	3.81	3.40		Pass
HE40	MCS0	1	46	5230	Full	21.10	-		30.00	-	3.81	3.40		Pass
HE80	MCS0	1	42	5210	Full	20.70	-		30.00	-	3.81	3.40		Pass
HE160	MCS0	1	50	5250	Full	20.70	-		30.00	-	3.81	3.40		Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	17.30	17.80	20.57	30.00		1.33		-	Pass
HE20	MCS0	2	44	5220	Full	17.30	17.80	20.57	30.00		1.33			Pass
HE20	MCS0	2	48	5240	Full	17.20	17.90	20.57	30.00		1.33			Pass
HE40	MCS0	2	38	5190	Full	17.30	17.80	20.57	30.00		1.33			Pass
HE40	MCS0	2	46	5230	Full	17.60	17.90	20.76	30.00		1.33			Pass
HE80	MCS0	2	42	5210	Full	17.40	17.80	20.61	30.00		1.33			Pass
HE160	MCS0	2	50	5250	Full	17.40	17.80	20.61	30.00		1.33			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna for elevation angle above 30 degrees															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	1	36	5180	Full	21.20	-	-	-0.39	1.45	20.81	-	21.00	-	Pass
HE20	MCS0	1	44	5220	Full	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
HE20	MCS0	1	48	5240	Full	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
HE40	MCS0	1	38	5190	Full	20.40	-		-0.39	1.45	20.01	-	21.00	-	Pass
HE40	MCS0	1	46	5230	Full	21.10	-		-0.39	1.45	20.71	-	21.00	-	Pass
HE80	MCS0	1	42	5210	Full	20.70	-		-0.39	1.45	20.31	-	21.00	-	Pass
HE160	MCS0	1	50	5250	Full	20.70	-		-0.39	1.45	20.31	-	21.00	-	Pass

FCC U-NII-1 MIMO antenna for elevation angle above 30 degrees															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	36	5180	Full	17.30	17.80	20.57	-0.12		20.45		21.00		Pass
HE20	MCS0	2	44	5220	Full	17.30	17.80	20.57	-0.12		20.45		21.00		Pass
HE20	MCS0	2	48	5240	Full	17.20	17.90	20.57	-0.12		20.45		21.00		Pass
HE40	MCS0	2	38	5190	Full	17.30	17.80	20.57	-0.12		20.45		21.00		Pass
HE40	MCS0	2	46	5230	Full	17.60	17.90	20.76	-0.12		20.64		21.00		Pass
HE80	MCS0	2	42	5210	Full	17.40	17.80	20.61	-0.12		20.49		21.00		Pass
HE160	MCS0	2	50	5250	Full	17.40	17.80	20.61	-0.12		20.49		21.00		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	52	5260	Full	23.10	-	-	23.98	-	3.91	3.52	30	Pass
HE20	MCS0	1	60	5300	Full	23.20	-		23.98	-	3.91	3.52	30	Pass
HE20	MCS0	1	64	5320	Full	22.30	-		23.98	-	3.91	3.52	30	Pass
HE40	MCS0	1	54	5270	Full	23.50	-		23.98	-	3.91	3.52	30	Pass
HE40	MCS0	1	62	5310	Full	20.00	-		23.98	-	3.91	3.52	30	Pass
HE80	MCS0	1	58	5290	Full	20.00	-		23.98	-	3.91	3.52	30	Pass
HE160	MCS0	1	50	5250	Full	20.70	-		23.98	-	3.91	3.52	30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	52	5260	Full	19.80	20.60	23.23	23.98		1.39		30	Pass
HE20	MCS0	2	60	5300	Full	19.40	20.40	22.94	23.98		1.39		30	Pass
HE20	MCS0	2	64	5320	Full	19.70	20.50	23.13	23.98		1.39		30	Pass
HE40	MCS0	2	54	5270	Full	20.20	20.90	23.57	23.98		1.39		30	Pass
HE40	MCS0	2	62	5310	Full	18.90	19.70	22.33	23.98		1.39		30	Pass
HE80	MCS0	2	58	5290	Full	19.40	20.10	22.77	23.98		1.39		30	Pass
HE160	MCS0	2	50	5250	Full	17.40	17.80	20.61	23.98		1.39		30	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	100	5500	Full	23.40	-	-	23.98	-	4.23	3.53	30	Pass
HE20	MCS0	1	116	5580	Full	23.00	-		23.98	-	4.23	3.53	30	Pass
HE20	MCS0	1	140	5700	Full	22.00	-		23.98	-	4.23	3.53	30	Pass
HE40	MCS0	1	102	5510	Full	22.70	-		23.98	-	4.23	3.53	30	Pass
HE40	MCS0	1	110	5550	Full	23.40	-		23.98	-	4.23	3.53	30	Pass
HE40	MCS0	1	134	5670	Full	22.50	-		23.98	-	4.23	3.53	30	Pass
HE80	MCS0	1	106	5530	Full	22.60	-		23.98	-	4.23	3.53	30	Pass
HE80	MCS0	1	122	5610	Full	23.50	-		23.98	-	4.23	3.53	30	Pass
HE160	MCS0	1	114	5570	Full	22.70	-		23.98	-	4.23	3.53	30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	100	5500	Full	20.10	20.50	23.31	23.98		2.24		30	Pass
HE20	MCS0	2	116	5580	Full	19.70	20.40	23.07	23.98		2.24		30	Pass
HE20	MCS0	2	140	5700	Full	20.30	19.70	23.02	23.98		2.24		30	Pass
HE40	MCS0	2	102	5510	Full	20.60	20.60	23.61	23.98		2.24		30	Pass
HE40	MCS0	2	110	5550	Full	20.40	20.70	23.56	23.98		2.24		30	Pass
HE40	MCS0	2	134	5670	Full	20.90	20.40	23.67	23.98		2.24		30	Pass
HE80	MCS0	2	106	5530	Full	20.50	20.90	23.71	23.98		2.24		30	Pass
HE80	MCS0	2	122	5610	Full	20.60	20.90	23.76	23.98		2.24		30	Pass
HE160	MCS0	2	114	5570	Full	20.60	20.90	23.76	23.98		2.24		30	Pass

FCC U-NII-2C straddle channel single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	144	5720	Full	23.00	-	-	23.98	23.98	4.23	3.53	30	Pass
HE40	MCS0	1	142	5710	Full	23.40	-		23.98	23.98	4.23	3.53	30	Pass
HE80	MCS0	1	138	5690	Full	23.70	-		23.98	23.98	4.23	3.53	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	144	5720	Full	20.30	19.80	23.07	23.98		2.24		30	Pass
HE40	MCS0	2	142	5710	Full	20.80	20.20	23.52	23.98		2.24		30	Pass
HE80	MCS0	2	138	5690	Full	20.80	20.00	23.43	23.98		2.24		30	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
EHT20	MCS0	2	36	5180	Full	19.18	19.18	23.10	23.42	-	-	22.83			
EHT20	MCS0	2	44	5220	Full	19.18	19.23	23.23	23.35	-	-	22.83			
EHT20	MCS0	2	48	5240	Full	19.18	19.13	23.12	23.56	-	-	22.82			
EHT40	MCS0	2	38	5190	Full	38.56	38.56	45.79	45.87	-	-	23.01			
EHT40	MCS0	2	46	5230	Full	38.66	38.56	45.85	45.26	-	-	23.01			
EHT80	MCS0	2	42	5210	Full	77.92	77.92	90.84	90.33	-	-	23.01			
EHT160	MCS0	2	50	5250	Full	157.76	157.76	176.16	173.76	-	-	23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	1	36	5180	Full	21.30	-	-	30.00	-	3.81	3.40	Pass
EHT20	MCS0	1	44	5220	Full	21.30	-		30.00	-	3.81	3.40	Pass
EHT20	MCS0	1	48	5240	Full	21.30	-		30.00	-	3.81	3.40	Pass
EHT40	MCS0	1	38	5190	Full	20.50	-		30.00	-	3.81	3.40	Pass
EHT40	MCS0	1	46	5230	Full	21.20	-		30.00	-	3.81	3.40	Pass
EHT80	MCS0	1	42	5210	Full	20.80	-		30.00	-	3.81	3.40	Pass
EHT160	MCS0	1	50	5250	Full	20.80	-		30.00	-	3.81	3.40	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	2	36	5180	Full	17.40	17.90	20.67	30.00		1.33		Pass
EHT20	MCS0	2	44	5220	Full	17.40	17.90	20.67	30.00		1.33		Pass
EHT20	MCS0	2	48	5240	Full	17.30	18.00	20.67	30.00		1.33		Pass
EHT40	MCS0	2	38	5190	Full	17.40	17.90	20.67	30.00		1.33		Pass
EHT40	MCS0	2	46	5230	Full	17.70	18.00	20.86	30.00		1.33		Pass
EHT80	MCS0	2	42	5210	Full	17.50	17.90	20.71	30.00		1.33		Pass
EHT160	MCS0	2	50	5250	Full	17.50	17.90	20.71	30.00		1.33		Pass

TEST RESULTS DATA**Average Power Table**

FCC U-NII-1 single antenna for elevation angle above 30 degrees															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	1	36	5180	Full	21.30	-	-	-0.39	1.45	20.91	-	21.00	-	Pass
EHT20	MCS0	1	44	5220	Full	21.30	-		-0.39	1.45	20.91	-	21.00	-	Pass
EHT20	MCS0	1	48	5240	Full	21.30	-		-0.39	1.45	20.91	-	21.00	-	Pass
EHT40	MCS0	1	38	5190	Full	20.50	-		-0.39	1.45	20.11	-	21.00	-	Pass
EHT40	MCS0	1	46	5230	Full	21.20	-		-0.39	1.45	20.81	-	21.00	-	Pass
EHT80	MCS0	1	42	5210	Full	20.80	-		-0.39	1.45	20.41	-	21.00	-	Pass
EHT160	MCS0	1	50	5250	Full	20.80	-		-0.39	1.45	20.41	-	21.00	-	Pass

FCC U-NII-1 MIMO antenna for elevation angle above 30 degrees															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	2	36	5180	Full	17.40	17.90	20.67	-0.12		20.55		21.00		Pass
EHT20	MCS0	2	44	5220	Full	17.40	17.90	20.67	-0.12		20.55		21.00		Pass
EHT20	MCS0	2	48	5240	Full	17.30	18.00	20.67	-0.12		20.55		21.00		Pass
EHT40	MCS0	2	38	5190	Full	17.40	17.90	20.67	-0.12		20.55		21.00		Pass
EHT40	MCS0	2	46	5230	Full	17.70	18.00	20.86	-0.12		20.74		21.00		Pass
EHT80	MCS0	2	42	5210	Full	17.50	17.90	20.71	-0.12		20.59		21.00		Pass
EHT160	MCS0	2	50	5250	Full	17.50	17.90	20.71	-0.12		20.59		21.00		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	1	36	5180	Full	0.25	-	8.79	-	-	17.00	-	3.81	3.40	Pass
EHT20	MCS0	1	44	5220	Full	0.25	-	9.04	-		17.00	-	3.81	3.40	Pass
EHT20	MCS0	1	48	5240	Full	0.25	-	8.88	-		17.00	-	3.81	3.40	Pass
EHT40	MCS0	1	38	5190	Full	0.23	-	5.46	-		17.00	-	3.81	3.40	Pass
EHT40	MCS0	1	46	5230	Full	0.23	-	5.84	-		17.00	-	3.81	3.40	Pass
EHT80	MCS0	1	42	5210	Full	0.29	-	2.70	-		17.00	-	3.81	3.40	Pass
EHT160	MCS0	1	50	5250	Full	0.29	-	-0.53	-		17.00	-	3.81	3.40	Pass

FCC U-NII-1 MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	2	36	5180	Full	0.23	0.23	-		8.63	17.00		3.76		Pass
EHT20	MCS0	2	44	5220	Full	0.23	0.23			8.38	17.00		3.76		Pass
EHT20	MCS0	2	48	5240	Full	0.23	0.23			8.59	17.00		3.76		Pass
EHT40	MCS0	2	38	5190	Full	0.23	0.23			4.77	17.00		3.76		Pass
EHT40	MCS0	2	46	5230	Full	0.23	0.23			5.22	17.00		3.76		Pass
EHT80	MCS0	2	42	5210	Full	0.42	0.40			2.11	17.00		3.76		Pass
EHT160	MCS0	2	50	5250	Full	0.29	0.25			-0.54	17.00		3.76		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	2	52	5260	Full	19.18	19.23	23.34	23.39	23.83		29.83		23.98	-	
EHT20	MCS0	2	60	5300	Full	19.18	19.18	23.24	23.24	23.83		29.83		23.98		
EHT20	MCS0	2	64	5320	Full	19.18	19.18	23.44	23.63	23.83		29.83		23.98		
EHT40	MCS0	2	54	5270	Full	38.46	38.66	46.36	45.68	23.98		30.00		23.98		
EHT40	MCS0	2	62	5310	Full	38.56	38.56	46.41	46.03	23.98		30.00		23.98		
EHT80	MCS0	2	58	5290	Full	77.92	77.92	91.07	90.36	23.98		30.00		23.98		
EHT160	MCS0	2	50	5250	Full	157.76	157.76	176.16	173.76	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
EHT20	MCS0	1	52	5260	Full	23.20	-	-	23.98	-	3.91	3.52	30	Pass
EHT20	MCS0	1	60	5300	Full	23.30	-		23.98	-	3.91	3.52	30	Pass
EHT20	MCS0	1	64	5320	Full	22.40	-		23.98	-	3.91	3.52	30	Pass
EHT40	MCS0	1	54	5270	Full	23.60	-		23.98	-	3.91	3.52	30	Pass
EHT40	MCS0	1	62	5310	Full	20.10	-		23.98	-	3.91	3.52	30	Pass
EHT80	MCS0	1	58	5290	Full	20.10	-		23.98	-	3.91	3.52	30	Pass
EHT160	MCS0	1	50	5250	Full	20.80	-		23.98	-	3.91	3.52	30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1			
EHT20	MCS0	2	52	5260	Full	19.90	20.70	23.33	23.98		1.39		30	Pass	
EHT20	MCS0	2	60	5300	Full	19.50	20.50	23.04	23.98		1.39		30	Pass	
EHT20	MCS0	2	64	5320	Full	19.80	20.60	23.23	23.98		1.39		30	Pass	
2	EHT40	MCS0	2	54	5270	Full	20.30	21.00	23.67	23.98		1.39		30	Pass
	EHT40	MCS0	2	62	5310	Full	19.00	19.80	22.43	23.98		1.39		30	Pass
	EHT80	MCS0	2	58	5290	Full	19.50	20.20	22.87	23.98		1.39		30	Pass
	EHT160	MCS0	2	50	5250	Full	17.50	17.90	20.71	23.98		1.39		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	1	52	5260	Full	0.25	-	10.91	-	-	11.00	-	3.91	3.52	Pass
EHT20	MCS0	1	60	5300	Full	0.25	-	10.97	-		11.00	-	3.91	3.52	Pass
EHT20	MCS0	1	64	5320	Full	0.25	-	10.01	-		11.00	-	3.91	3.52	Pass
EHT40	MCS0	1	54	5270	Full	0.23	-	8.40	-		11.00	-	3.91	3.52	Pass
EHT40	MCS0	1	62	5310	Full	0.23	-	5.04	-		11.00	-	3.91	3.52	Pass
EHT80	MCS0	1	58	5290	Full	0.29	-	1.87	-		11.00	-	3.91	3.52	Pass
EHT160	MCS0	1	50	5250	Full	0.29	-	-0.53	-		11.00	-	3.91	3.52	Pass

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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	2	52	5260	Full	0.23	0.23	-		10.88	11.00		3.72		Pass
EHT20	MCS0	2	60	5300	Full	0.23	0.23			10.77	11.00		3.72		Pass
EHT20	MCS0	2	64	5320	Full	0.23	0.23			10.70	11.00		3.72		Pass
EHT40	MCS0	2	54	5270	Full	0.23	0.23			8.11	11.00		3.72		Pass
EHT40	MCS0	2	62	5310	Full	0.23	0.23			7.36	11.00		3.72		Pass
EHT80	MCS0	2	58	5290	Full	0.42	0.40			4.83	11.00		3.72		Pass
EHT160	MCS0	2	50	5250	Full	0.29	0.25			-0.54	11.00		3.72		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
EHT20	MCS0	2	100	5500	Full	19.23	19.18	23.00	23.43	23.83		29.83		23.98		----	----
EHT20	MCS0	2	116	5580	Full	19.13	19.23	23.43	23.56	23.82		29.82		23.98		----	----
EHT20	MCS0	2	140	5700	Full	19.18	19.23	23.17	23.64	23.83		29.83		23.98		----	----
EHT40	MCS0	2	102	5510	Full	38.66	38.56	45.52	45.13	23.98		30.00		23.98		----	----
EHT40	MCS0	2	110	5550	Full	38.66	38.46	45.71	46.28	23.98		30.00		23.98		----	----
EHT40	MCS0	2	134	5670	Full	38.66	38.56	46.01	45.26	23.98		30.00		23.98		----	----
EHT80	MCS0	2	106	5530	Full	77.92	77.92	91.00	91.16	23.98		30.00		23.98		----	----
EHT80	MCS0	2	122	5610	Full	78.04	77.92	90.68	90.11	23.98		30.00		23.98		----	----
EHT160	MCS0	2	114	5570	Full	158.00	157.76	174.76	171.36	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
EHT20	MCS0	2	144	5720	Full	14.60	14.60	16.60	16.59	23.84		29.84		23.98		4.54	4.49
EHT40	MCS0	2	142	5710	Full	34.29	34.19	37.82	37.56	23.98		30.00		23.98		4.16	4.06
EHT80	MCS0	2	138	5690	Full	73.97	73.97	80.73	80.44	23.98		30.00		23.98		4.08	4.02
EHT240	MCS0	2	122	5610	Full	232.96	233.32	243.95	244.89	23.98		30.00		23.98		4.14	4.09

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
EHT20	MCS0	1	100	5500	Full	23.50	-	-	23.98	-	4.23	3.53	30	Pass
EHT20	MCS0	1	116	5580	Full	23.10	-		23.98	-	4.23	3.53	30	Pass
EHT20	MCS0	1	140	5700	Full	22.10	-		23.98	-	4.23	3.53	30	Pass
EHT40	MCS0	1	102	5510	Full	22.80	-		23.98	-	4.23	3.53	30	Pass
EHT40	MCS0	1	110	5550	Full	23.50	-		23.98	-	4.23	3.53	30	Pass
EHT40	MCS0	1	134	5670	Full	22.60	-		23.98	-	4.23	3.53	30	Pass
EHT80	MCS0	1	106	5530	Full	22.70	-		23.98	-	4.23	3.53	30	Pass
EHT80	MCS0	1	122	5610	Full	23.60	-		23.98	-	4.23	3.53	30	Pass
EHT160	MCS0	1	114	5570	Full	22.80	-		23.98	-	4.23	3.53	30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
EHT20	MCS0	2	100	5500	Full	20.20	20.60	23.41	23.98		2.24		30	Pass
EHT20	MCS0	2	116	5580	Full	19.80	20.50	23.17	23.98		2.24		30	Pass
EHT20	MCS0	2	140	5700	Full	20.40	19.80	23.12	23.98		2.24		30	Pass
EHT40	MCS0	2	102	5510	Full	20.70	20.70	23.71	23.98		2.24		30	Pass
EHT40	MCS0	2	110	5550	Full	20.50	20.80	23.66	23.98		2.24		30	Pass
EHT40	MCS0	2	134	5670	Full	21.00	20.50	23.77	23.98		2.24		30	Pass
EHT80	MCS0	2	106	5530	Full	20.60	21.00	23.81	23.98		2.24		30	Pass
EHT80	MCS0	2	122	5610	Full	20.70	21.00	23.86	23.98		2.24		30	Pass
EHT160	MCS0	2	114	5570	Full	20.70	21.00	23.86	23.98		2.24		30	Pass

FCC U-NII-2C straddle channel single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
EHT20	MCS0	1	144	5720	Full	23.10	-	-	23.98	-	4.23	3.53	30	Pass
EHT40	MCS0	1	142	5710	Full	23.50	-		23.98	-	4.23	3.53	30	Pass
EHT80	MCS0	1	138	5690	Full	23.80	-		23.98	-	4.23	3.53	30	Pass
EHT240	MCS0	1	122	5610	Full	19.50	-		23.98	-	4.23	3.53	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
EHT20	MCS0	2	144	5720	Full	20.40	19.90	23.17	23.98		2.24		30	Pass
EHT40	MCS0	2	142	5710	Full	20.90	20.30	23.62	23.98		2.24		30	Pass
EHT80	MCS0	2	138	5690	Full	20.90	20.10	23.53	23.98		2.24		30	Pass
EHT240	MCS0	2	122	5610	Full	18.00	18.20	21.11	23.98		2.24		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna																
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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
EHT20	MCS0	1	100	5500	Full	0.25	-	10.81	-	-	11.00	-	4.23	3.53	-	Pass
EHT20	MCS0	1	116	5580	Full	0.25	-	10.60	-		11.00	-	4.23	3.53		Pass
EHT20	MCS0	1	140	5700	Full	0.25	-	9.43	-		11.00	-	4.23	3.53		Pass
EHT40	MCS0	1	102	5510	Full	0.23	-	7.79	-		11.00	-	4.23	3.53		Pass
EHT40	MCS0	1	110	5550	Full	0.23	-	8.10	-		11.00	-	4.23	3.53		Pass
EHT40	MCS0	1	134	5670	Full	0.23	-	7.47	-		11.00	-	4.23	3.53		Pass
EHT80	MCS0	1	106	5530	Full	0.29	-	4.45	-		11.00	-	4.23	3.53		Pass
EHT80	MCS0	1	122	5610	Full	0.29	-	4.88	-		11.00	-	4.23	3.53		Pass
EHT160	MCS0	1	114	5570	Full	0.29	-	1.38	-		11.00	-	4.23	3.53		Pass

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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	2	100	5500	Full	0.23	0.23	-		10.81	11.00		4.89	-	Pass
EHT20	MCS0	2	116	5580	Full	0.23	0.23			10.67	11.00		4.89		Pass
EHT20	MCS0	2	140	5700	Full	0.23	0.23			10.70	11.00		4.89		Pass
EHT40	MCS0	2	102	5510	Full	0.23	0.23			8.02	11.00		4.89		Pass
EHT40	MCS0	2	110	5550	Full	0.23	0.23			8.08	11.00		4.89		Pass
EHT40	MCS0	2	134	5670	Full	0.23	0.23			8.21	11.00		4.89		Pass
EHT80	MCS0	2	106	5530	Full	0.42	0.40			5.69	11.00		4.89		Pass
EHT80	MCS0	2	122	5610	Full	0.42	0.40			5.32	11.00		4.89		Pass
EHT160	MCS0	2	114	5570	Full	0.29	0.25			1.98	11.00		4.89		Pass

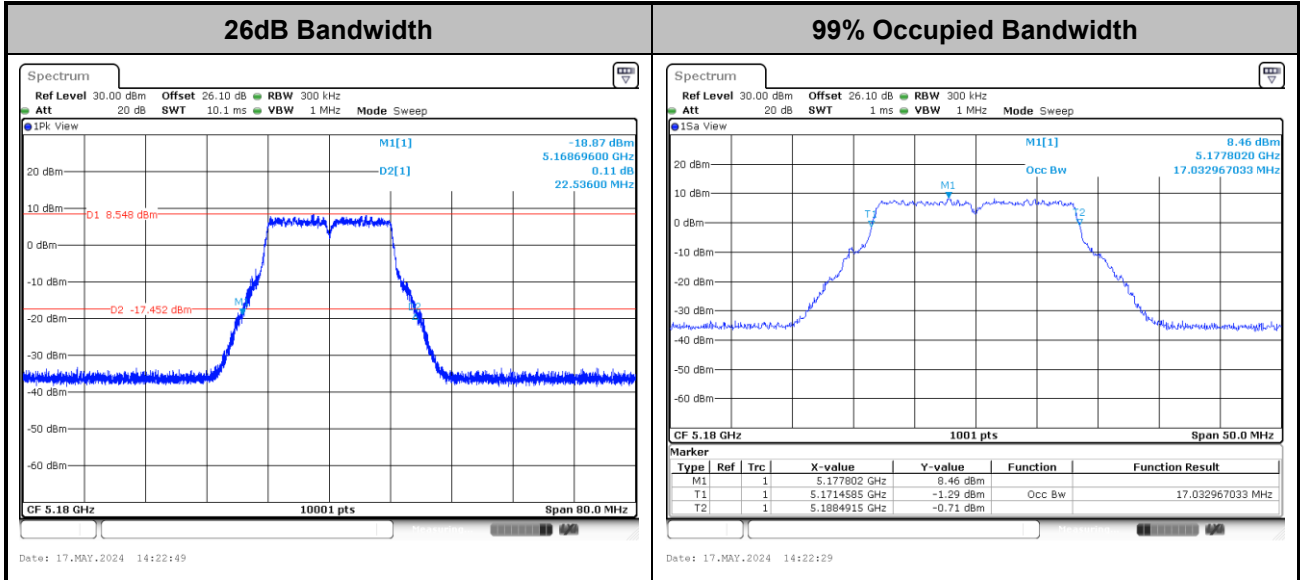
U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	1	144	5720	Full	0.25	-	10.62	-	-	11.00	-	4.23	3.53	Pass
EHT40	MCS0	1	142	5710	Full	0.23	-	8.06	-		11.00	-	4.23	3.53	Pass
EHT80	MCS0	1	138	5690	Full	0.29	-	5.06	-		11.00	-	4.23	3.53	Pass
EHT240	MCS0	1	122	5610	Full	0.05	-	-3.19	-		11.00	-	4.23	3.53	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 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
EHT20	MCS0	2	144	5720	Full	0.23	0.23	-		10.83	11.00	4.89			Pass
EHT40	MCS0	2	142	5710	Full	0.23	0.23			8.09	11.00	4.89			Pass
EHT80	MCS0	2	138	5690	Full	0.42	0.40			4.97	11.00	4.89			Pass
EHT240	MCS0	2	122	5610	Full	0.16	0.06			-2.05	11.00	4.89			Pass

Test Result of 26dB & 99% Occupied Bandwidth

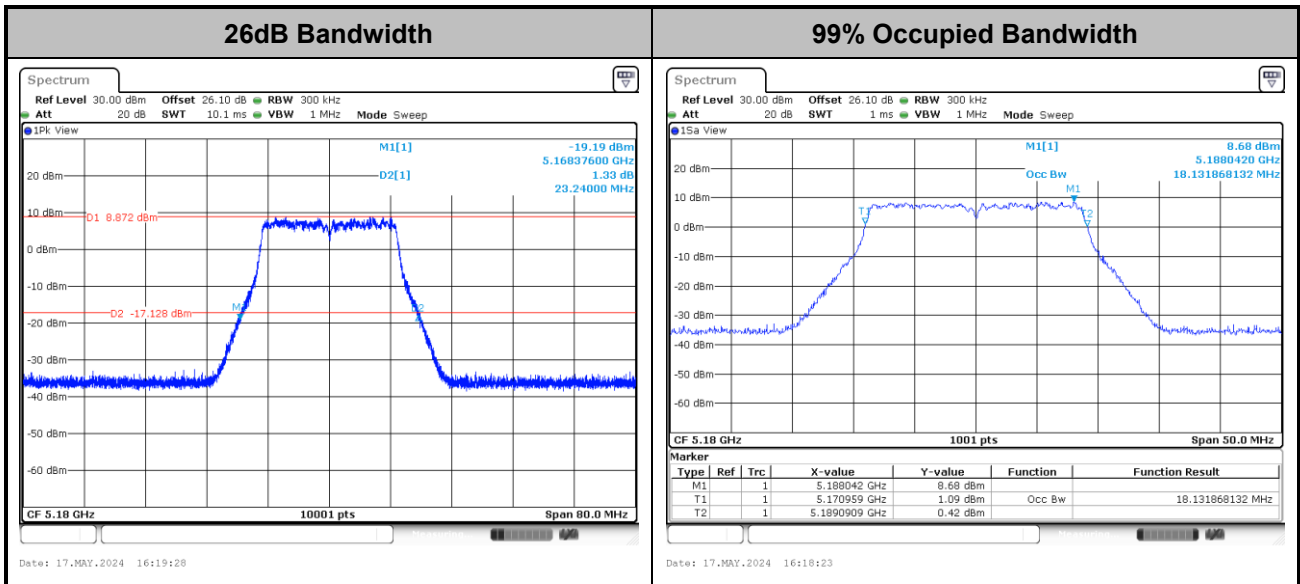
MIMO <Ant. 0+1>

<802.11a>



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

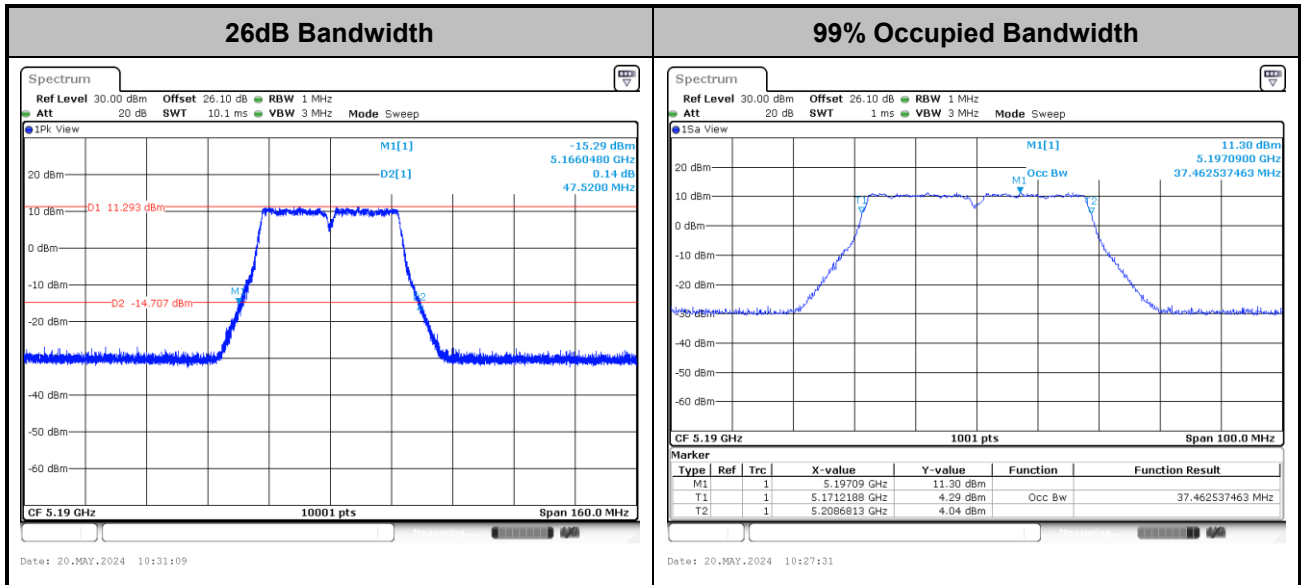
<802.11ac VHT20>



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

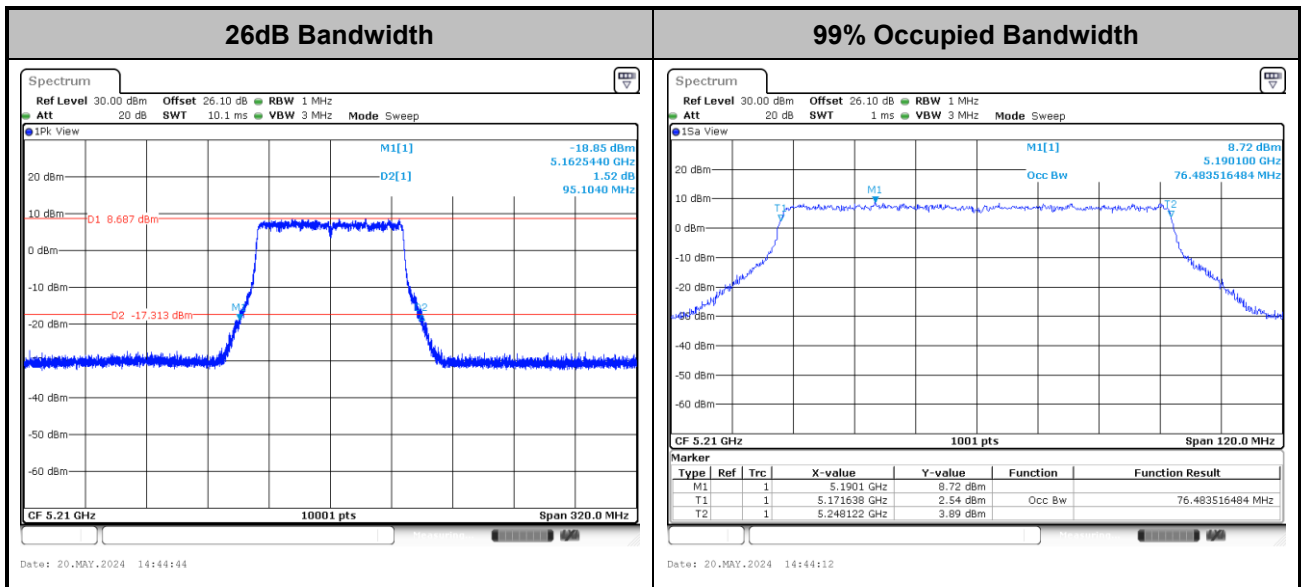


<802.11ac VHT40>



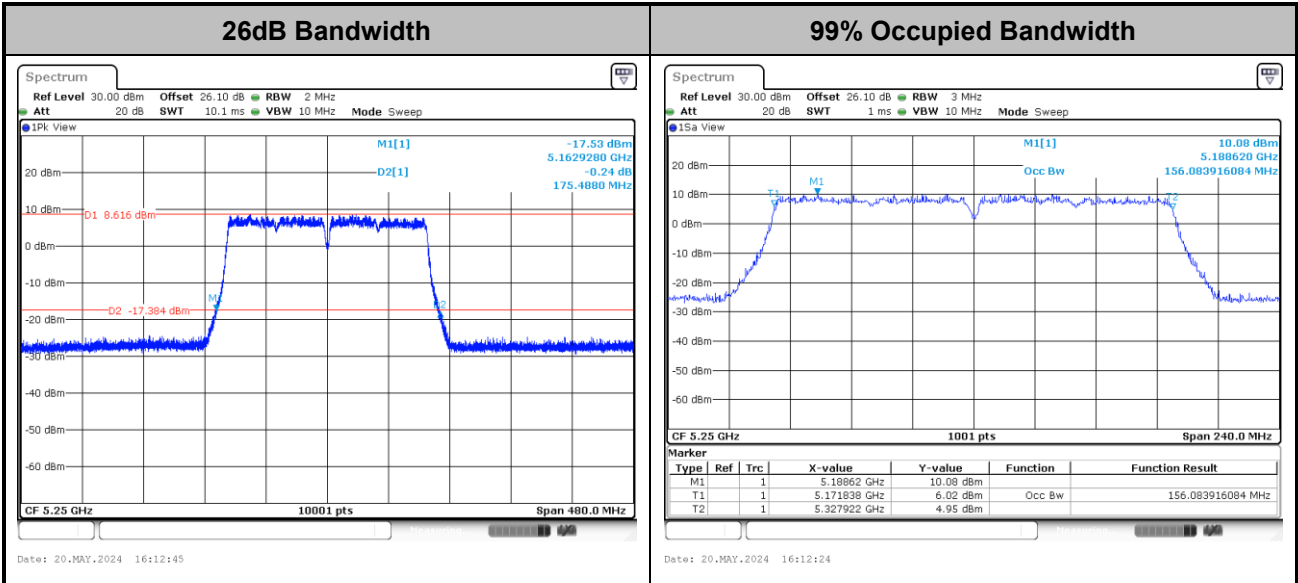
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>



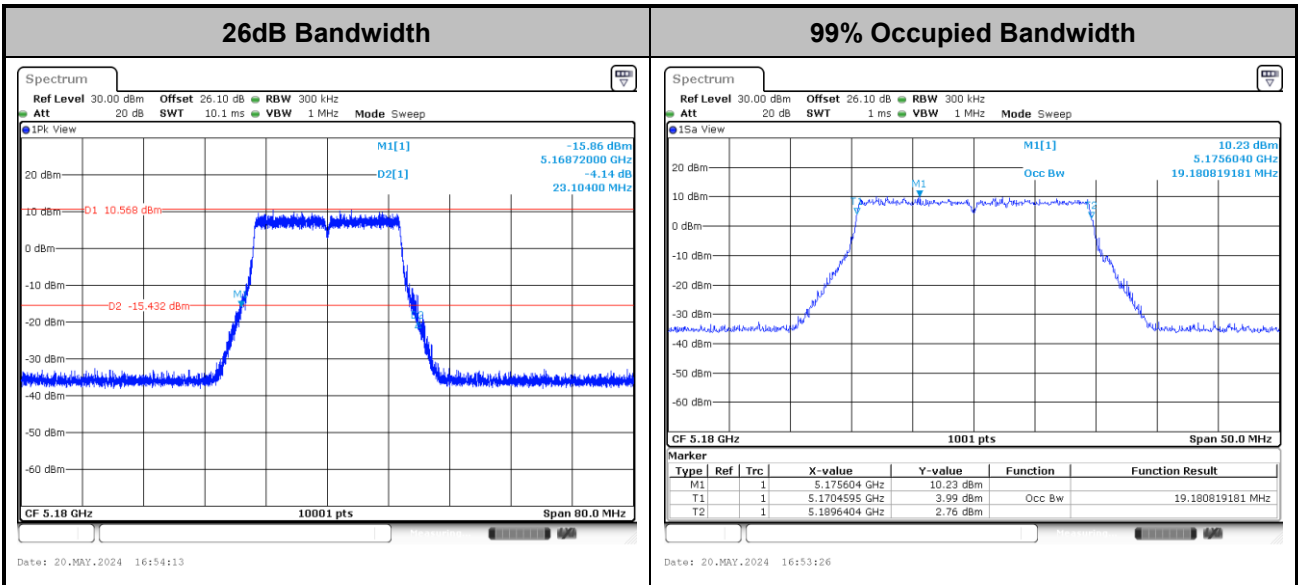
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT160>



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

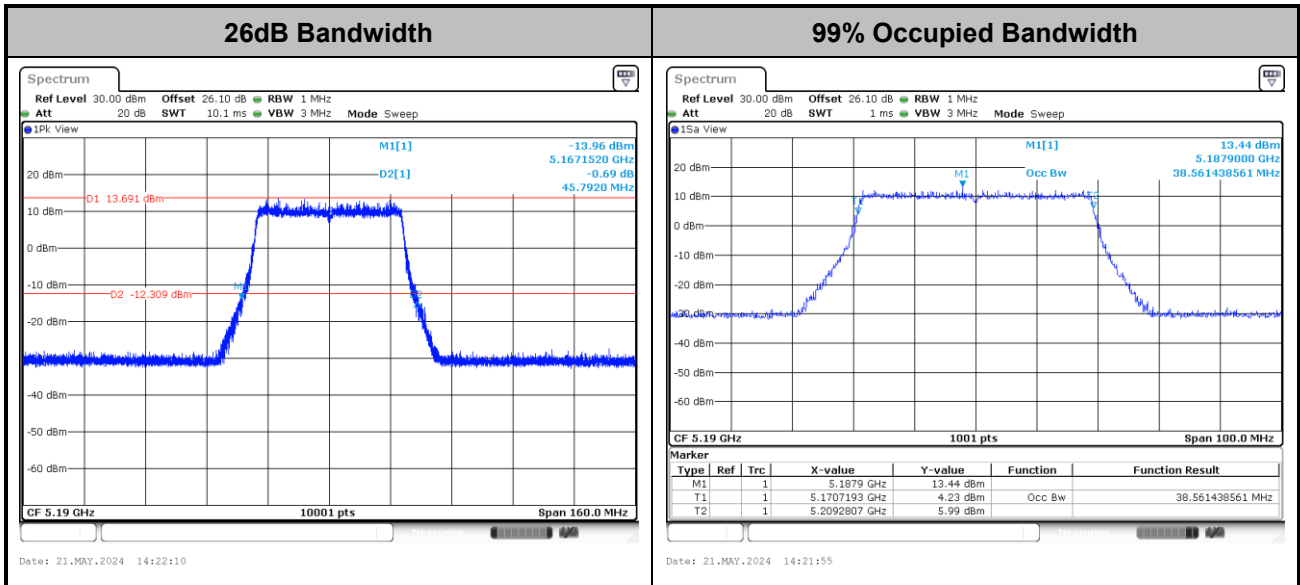
<802.11be EHT20>



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

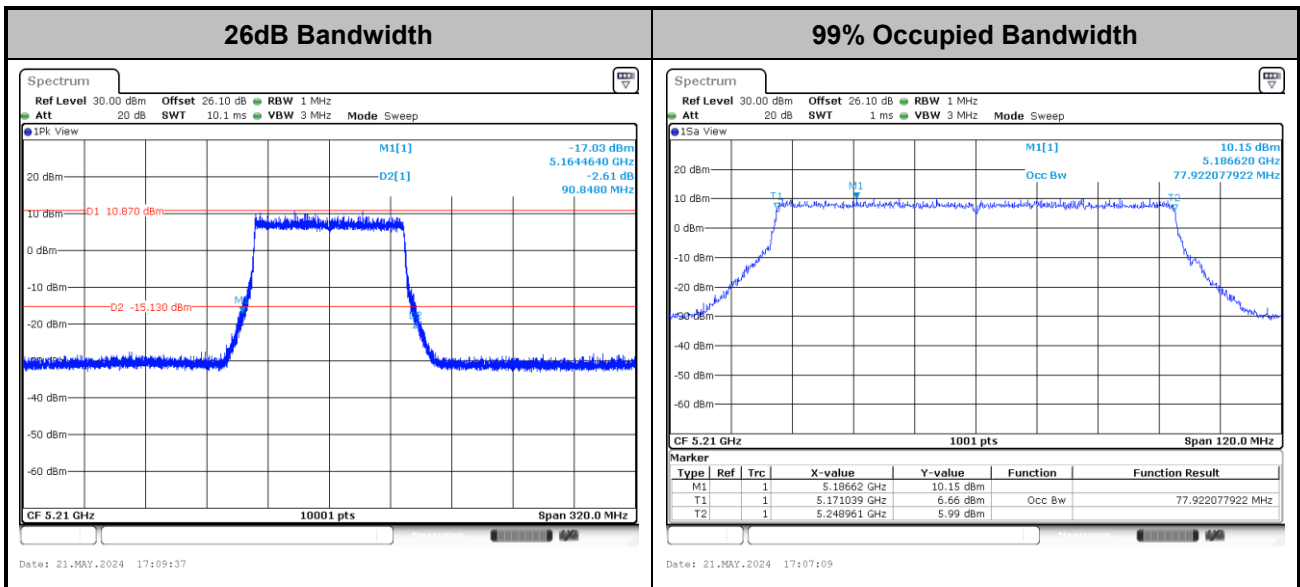


<802.11be EHT40>



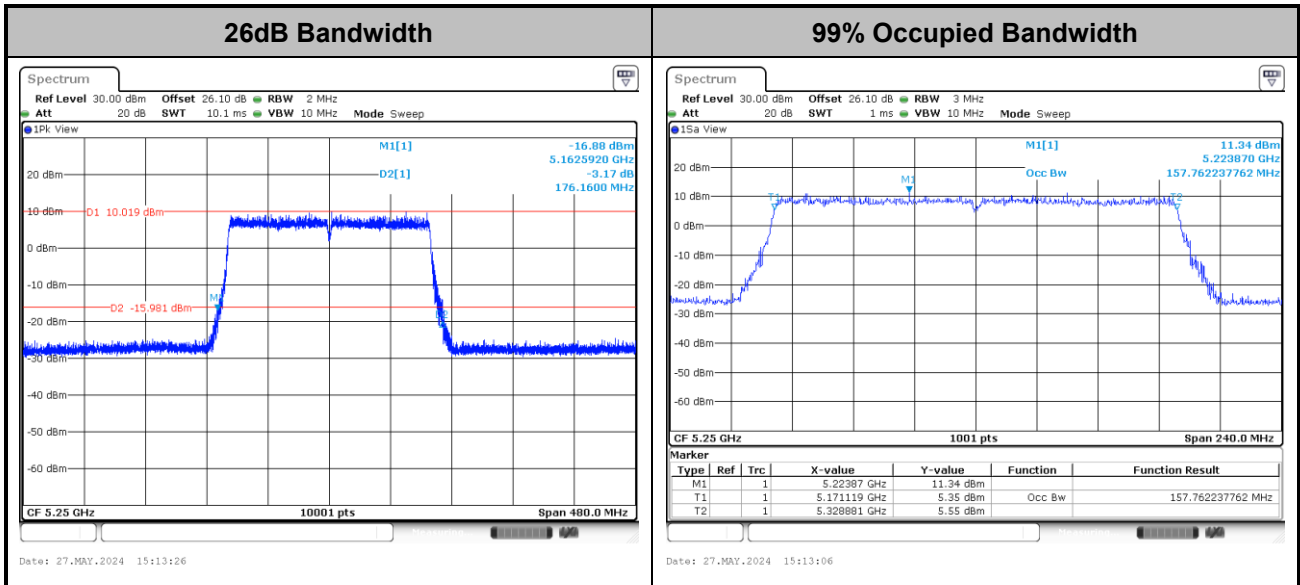
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>



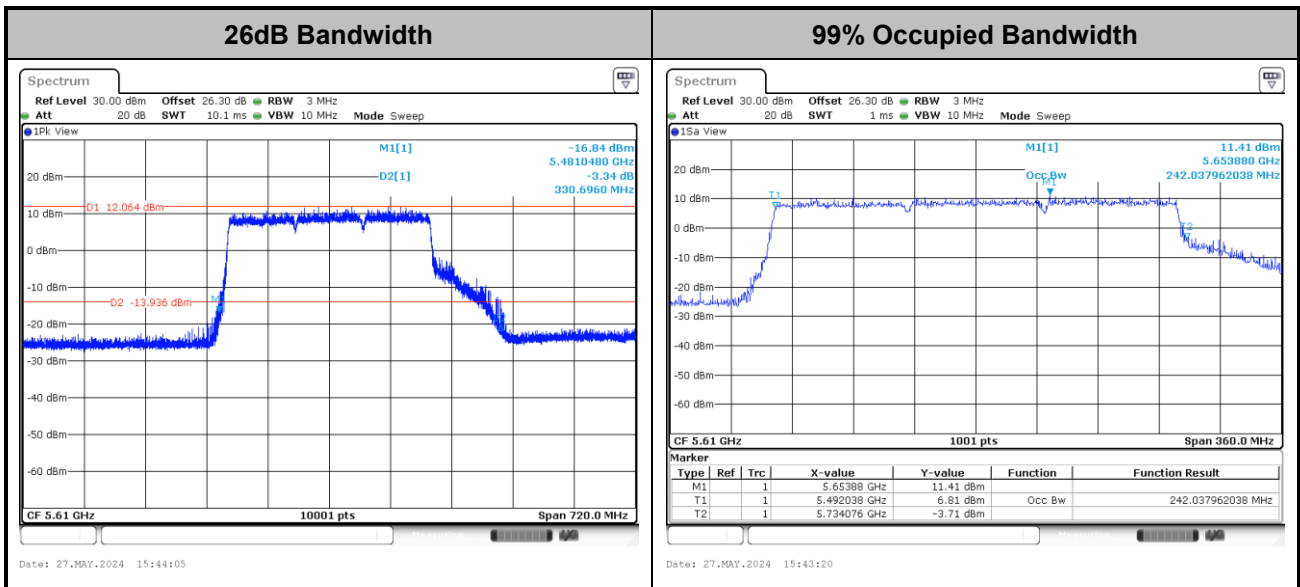
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT160>



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

<802.11be EHT240>



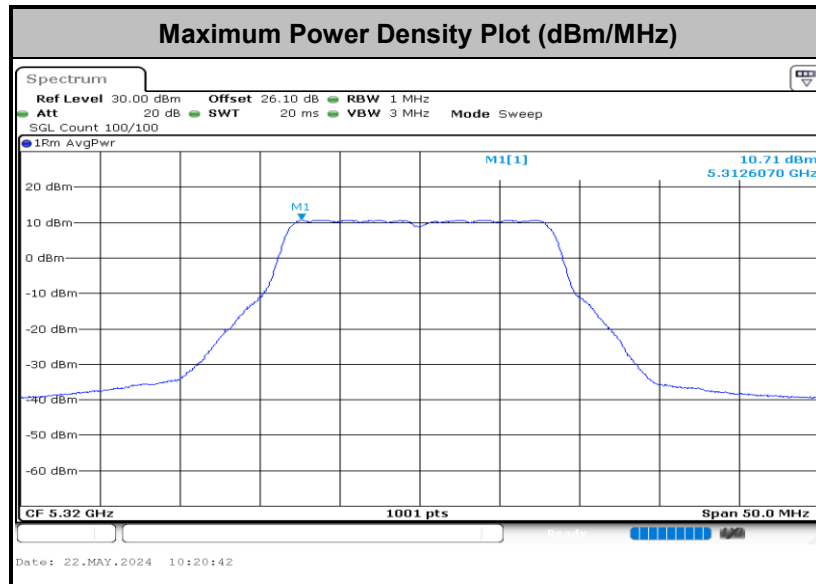
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



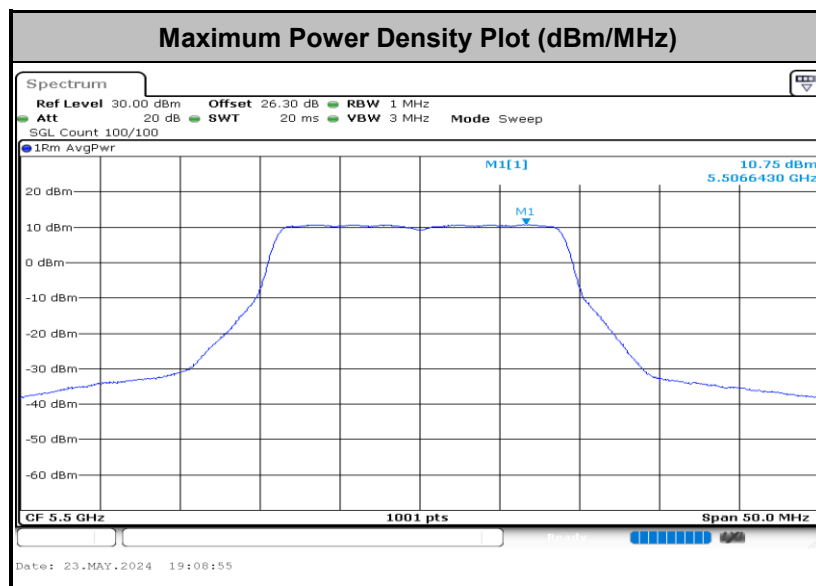
Test Result of Power Spectral Density

<Ant. 0>

<802.11a>

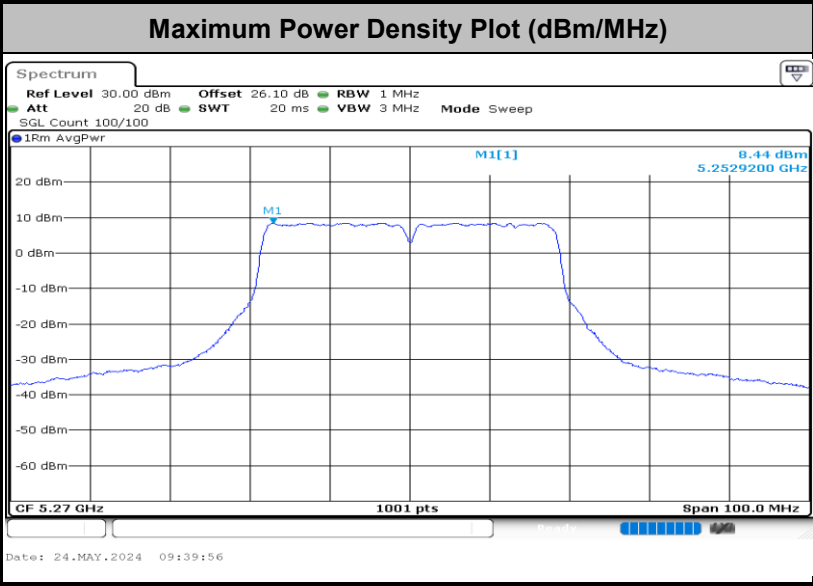


<802.11ac VHT20>

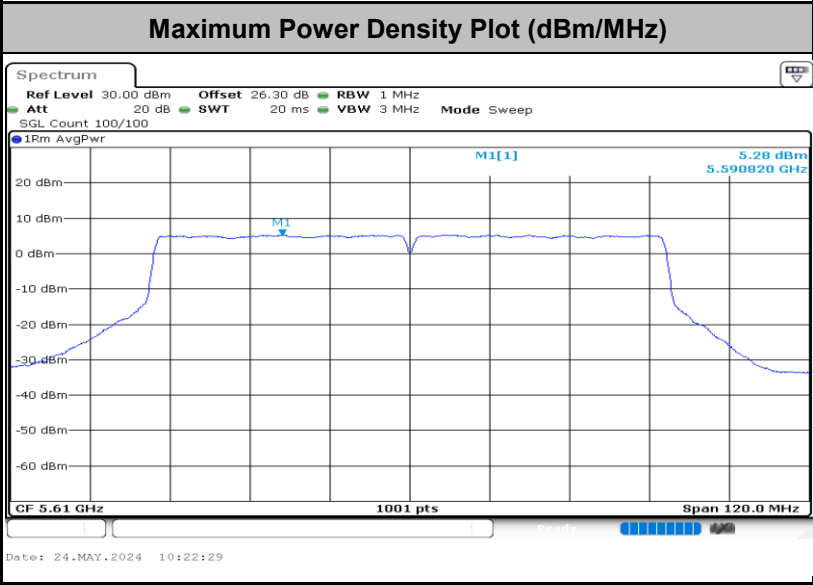




<802.11ac VHT40>

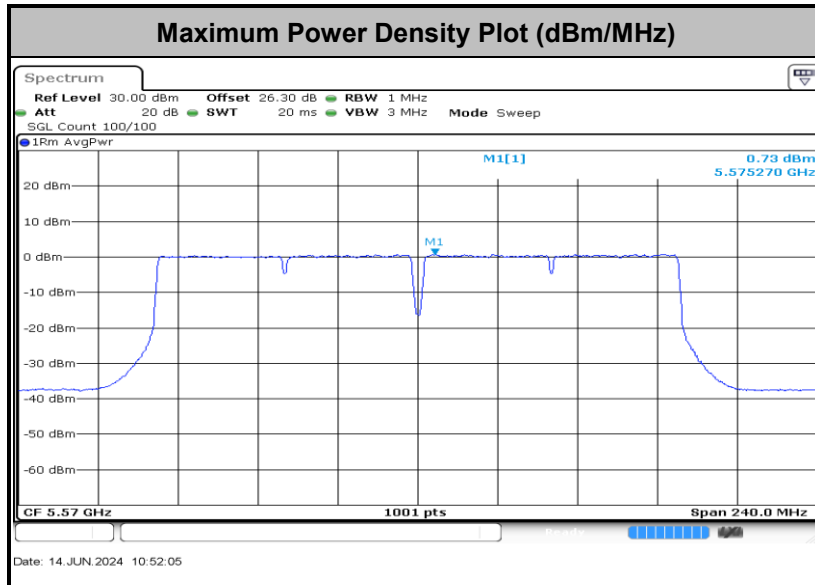


<802.11ac VHT80>

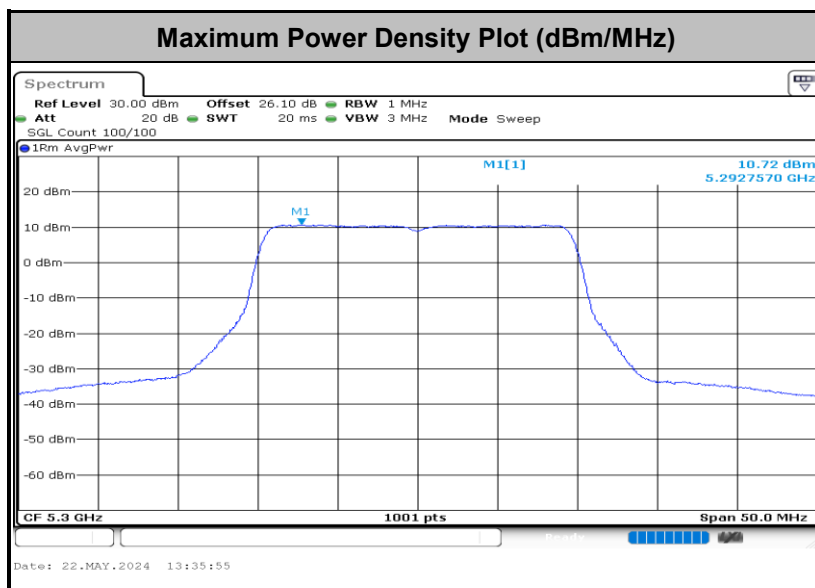




<802.11ac VHT160>

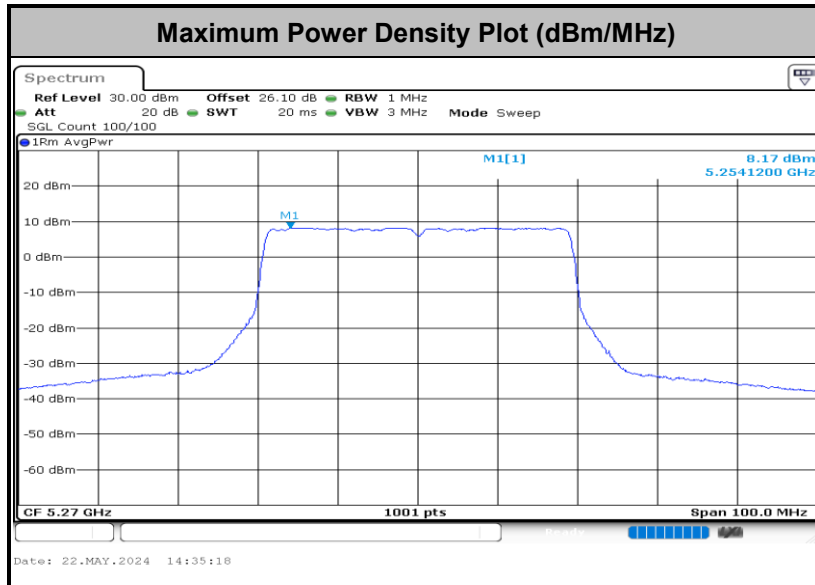


<802.11be EHT20>

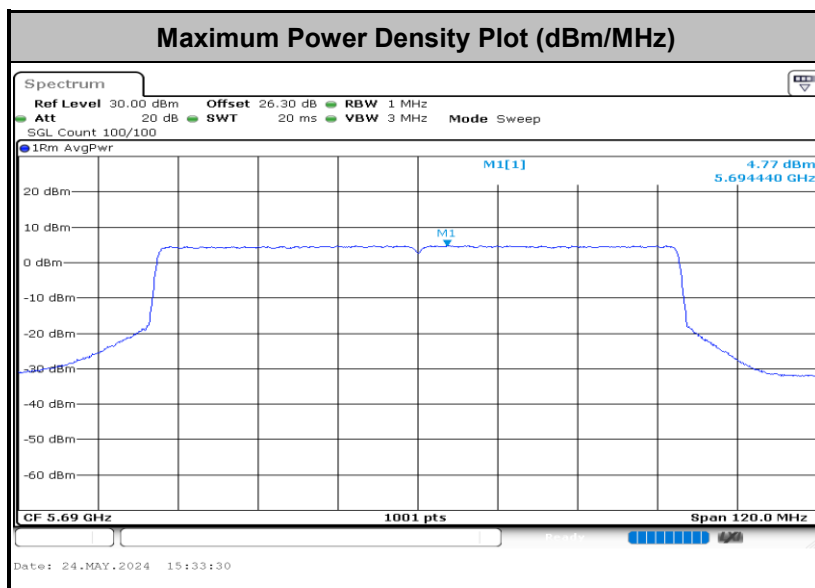




<802.11be EHT40>

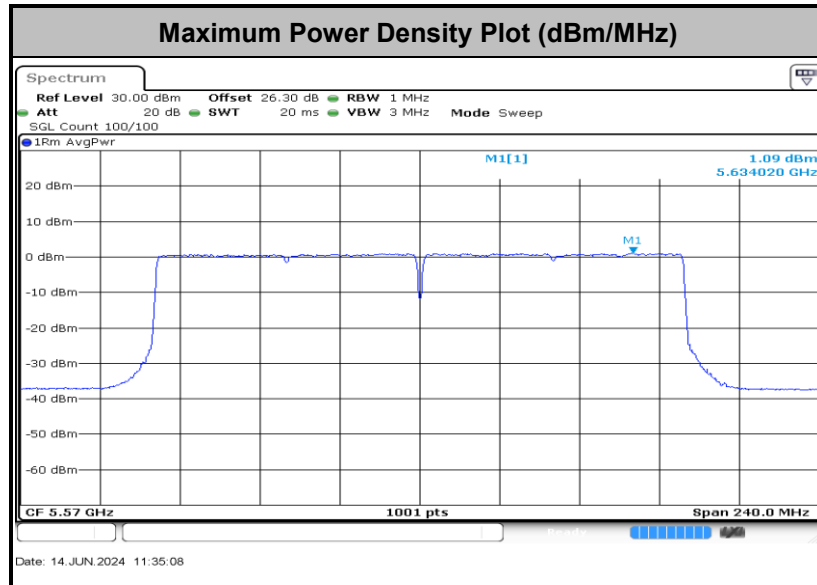


<802.11be EHT80>

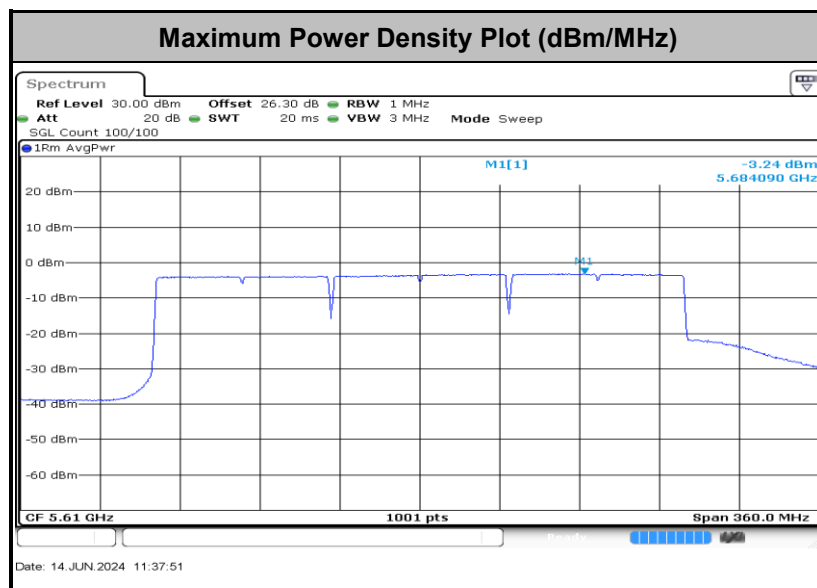




<802.11be EHT160>

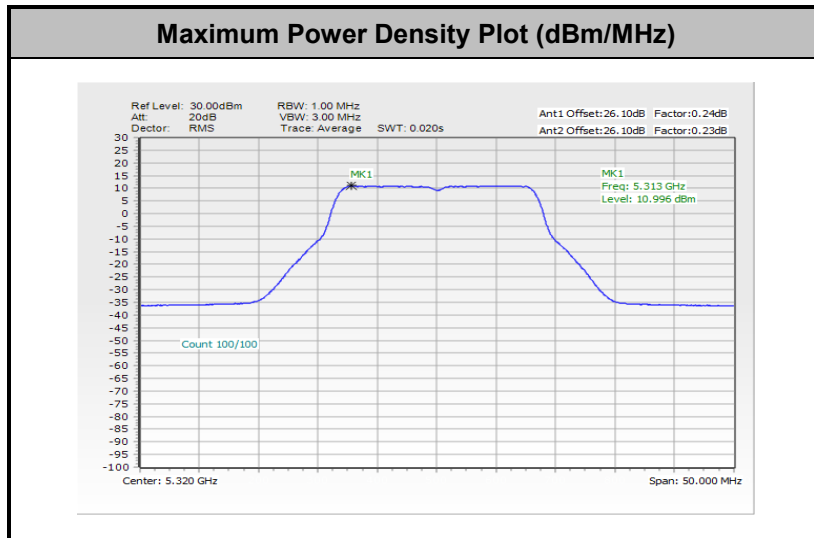


<802.11be EHT240>

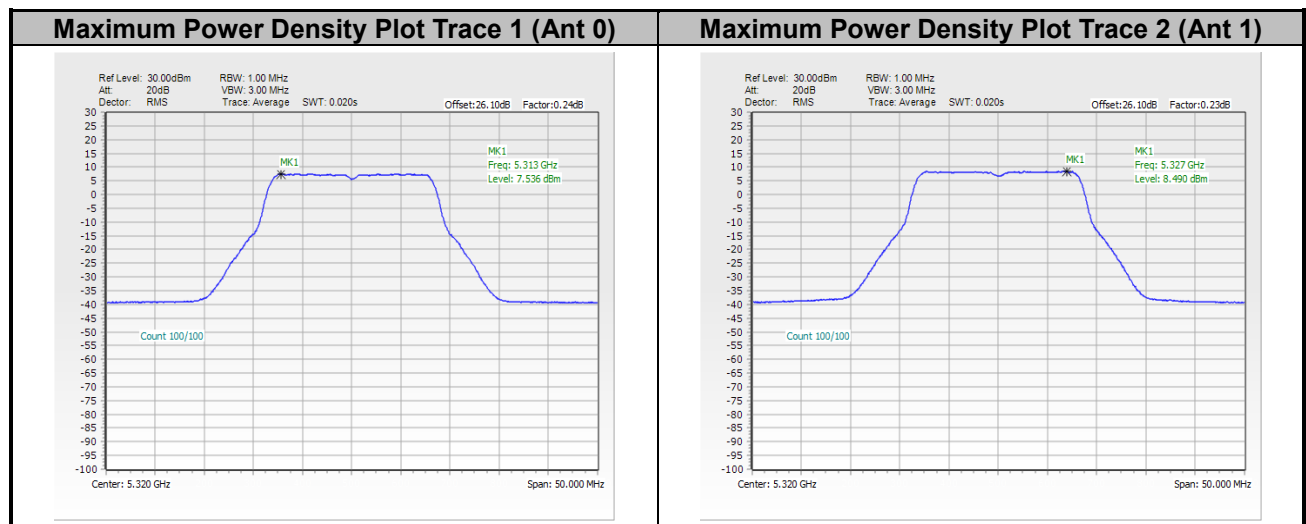


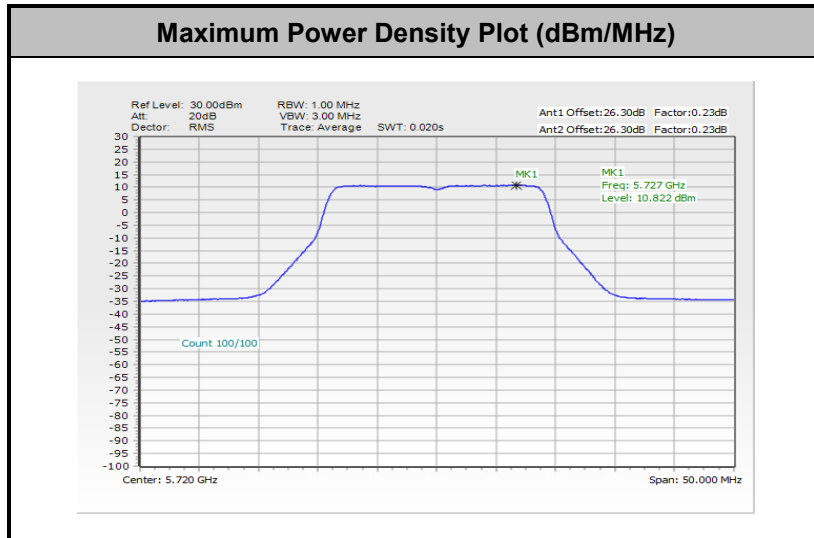
MIMO <Ant. 0+1>

<802.11a>

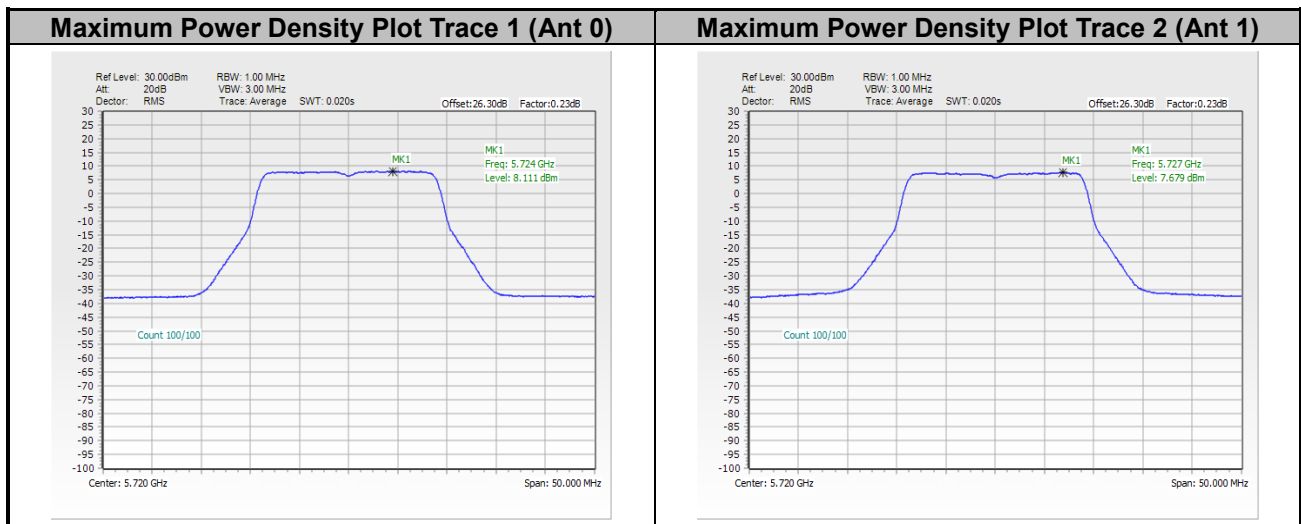


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

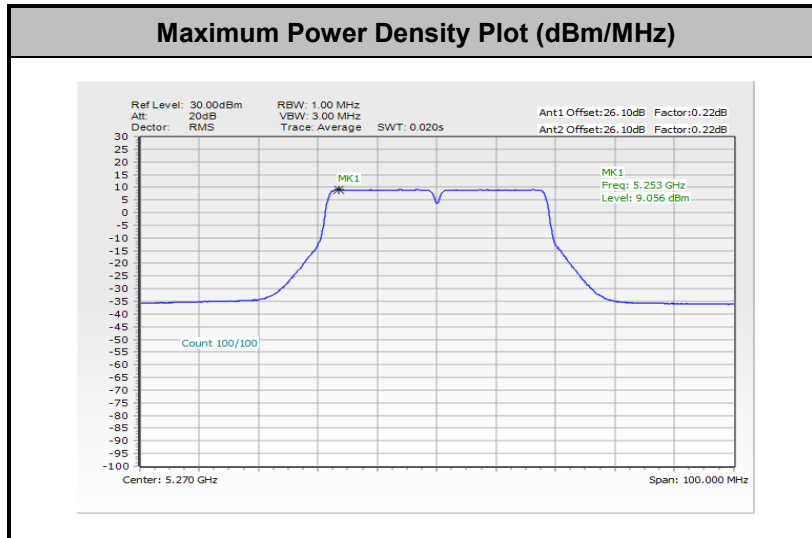


<802.11ac VHT20>


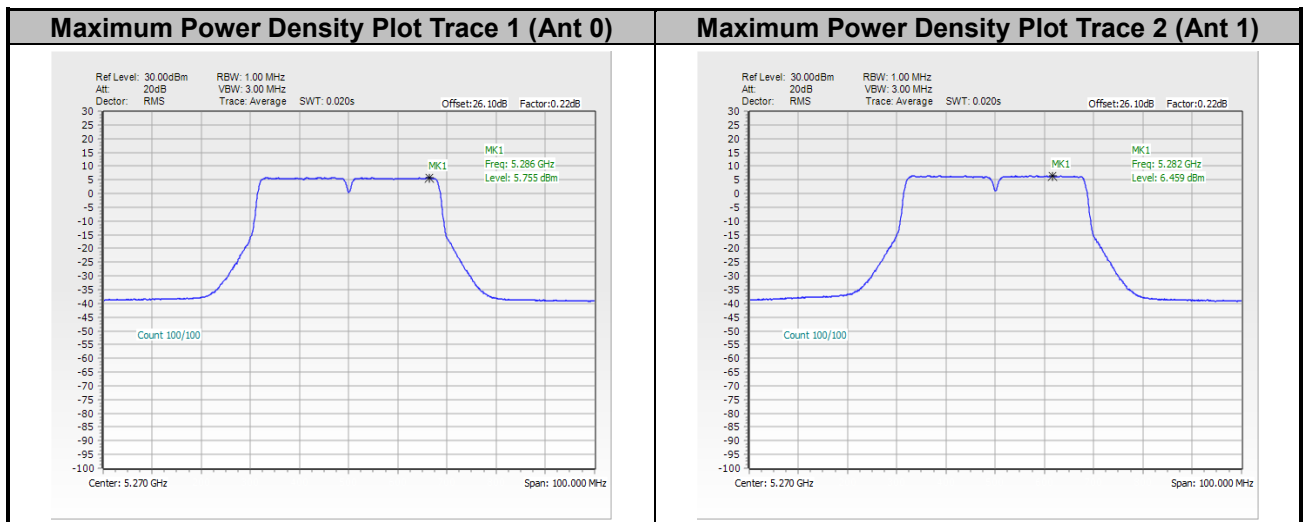
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



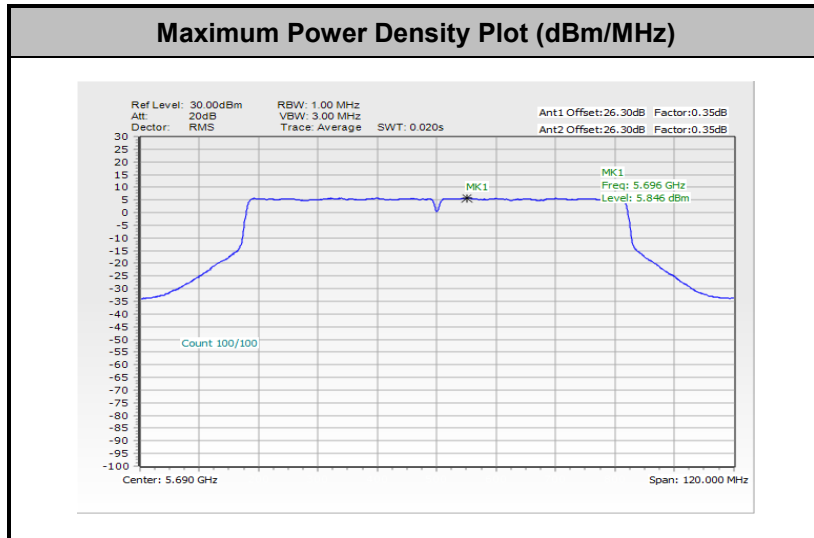
<802.11ac VHT40>



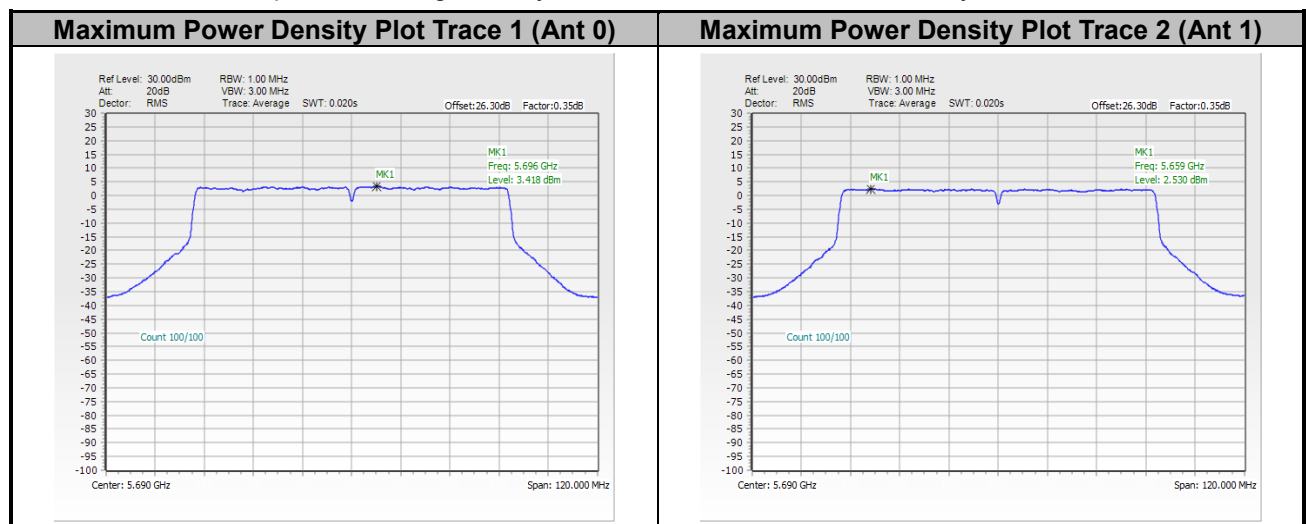
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

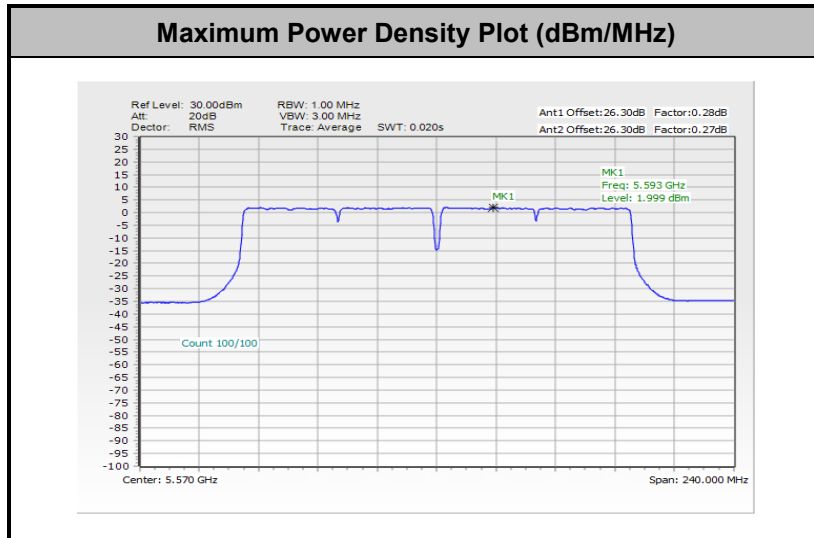


<802.11ac VHT80>

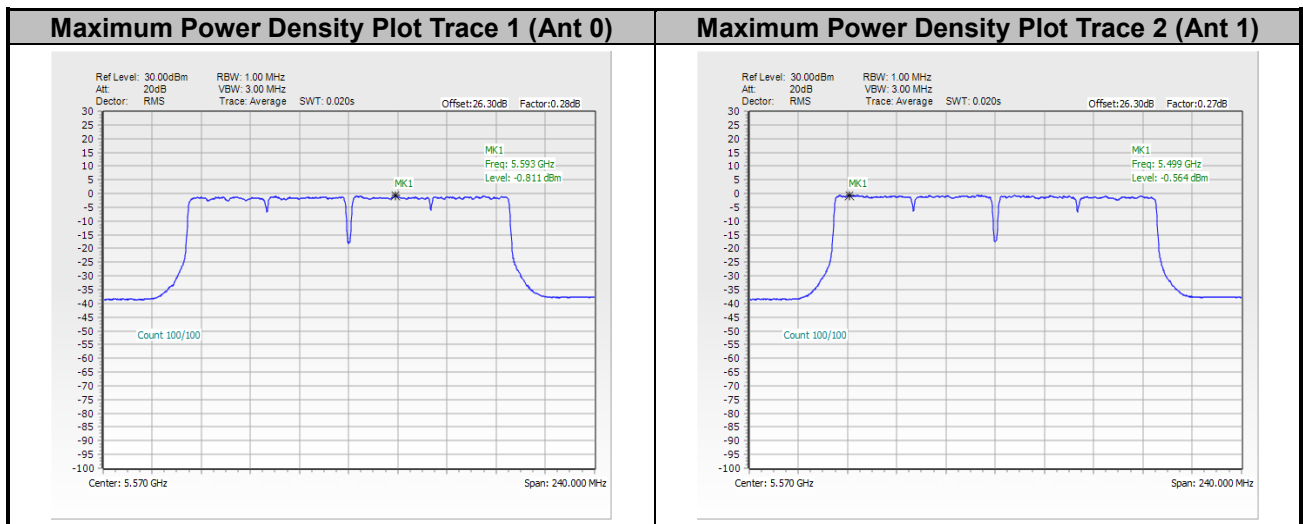


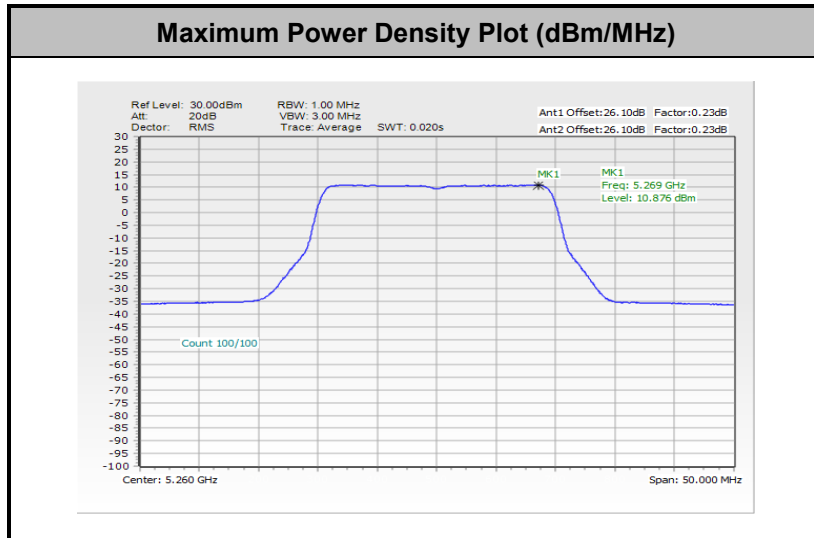
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



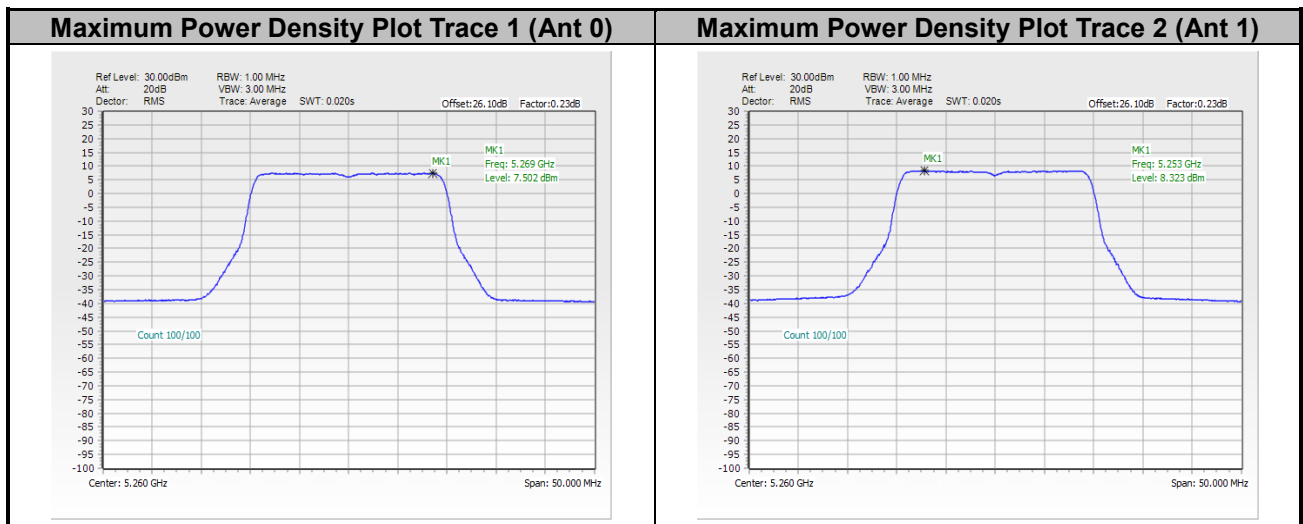
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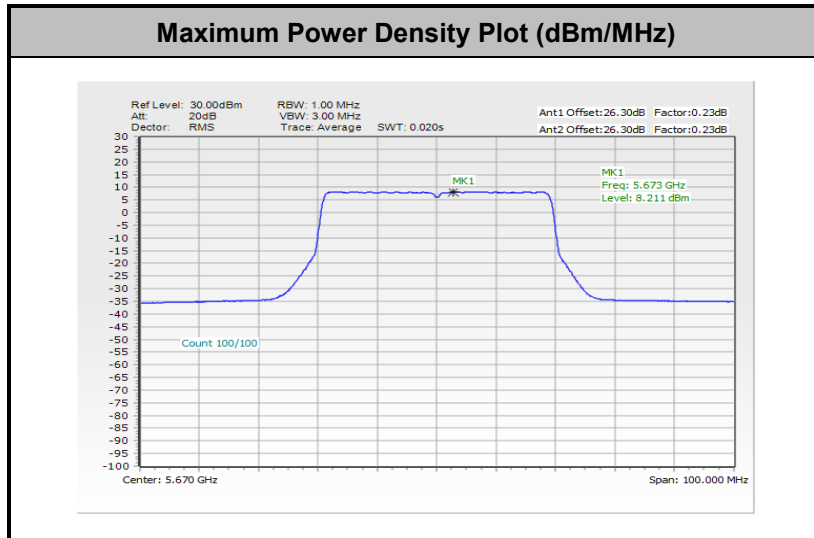
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



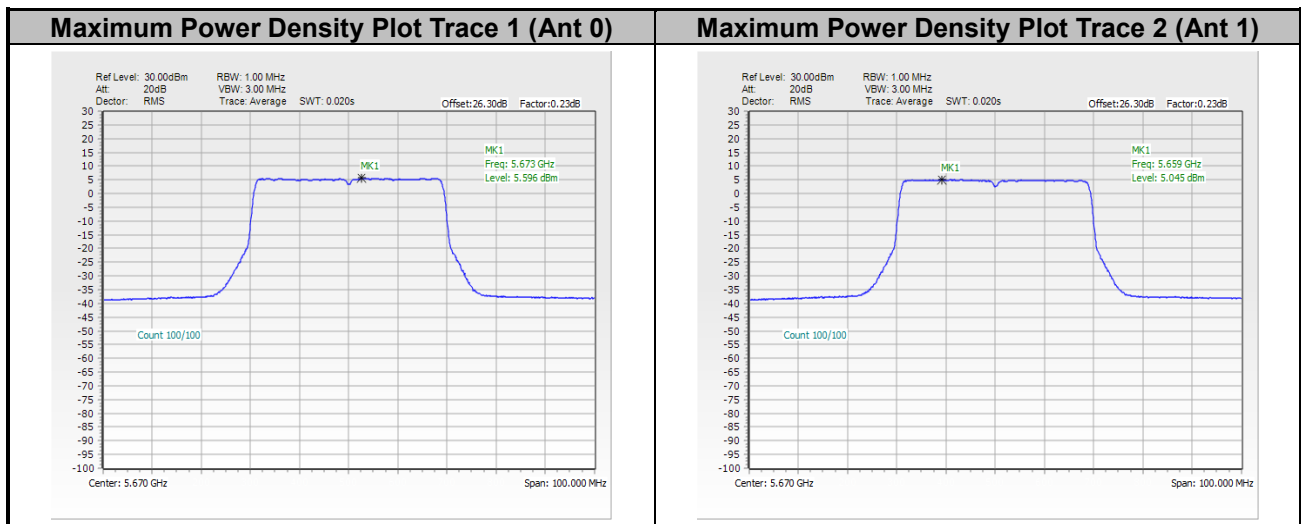
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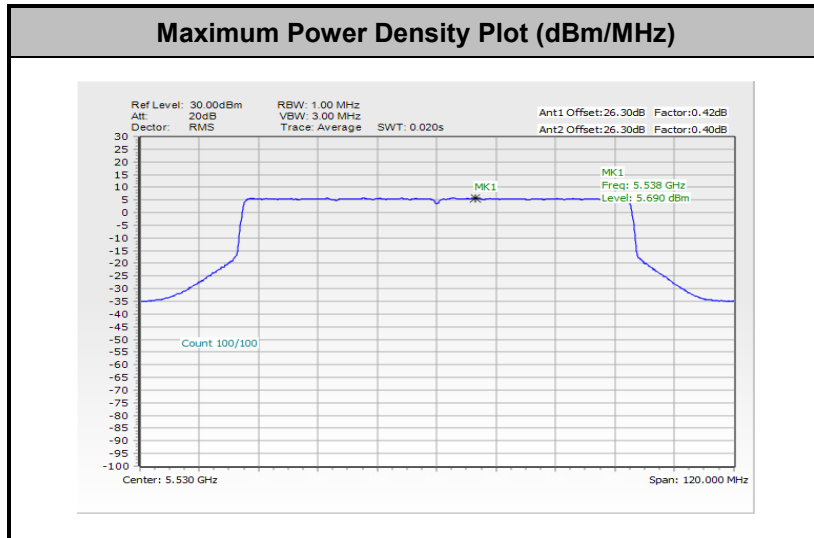
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



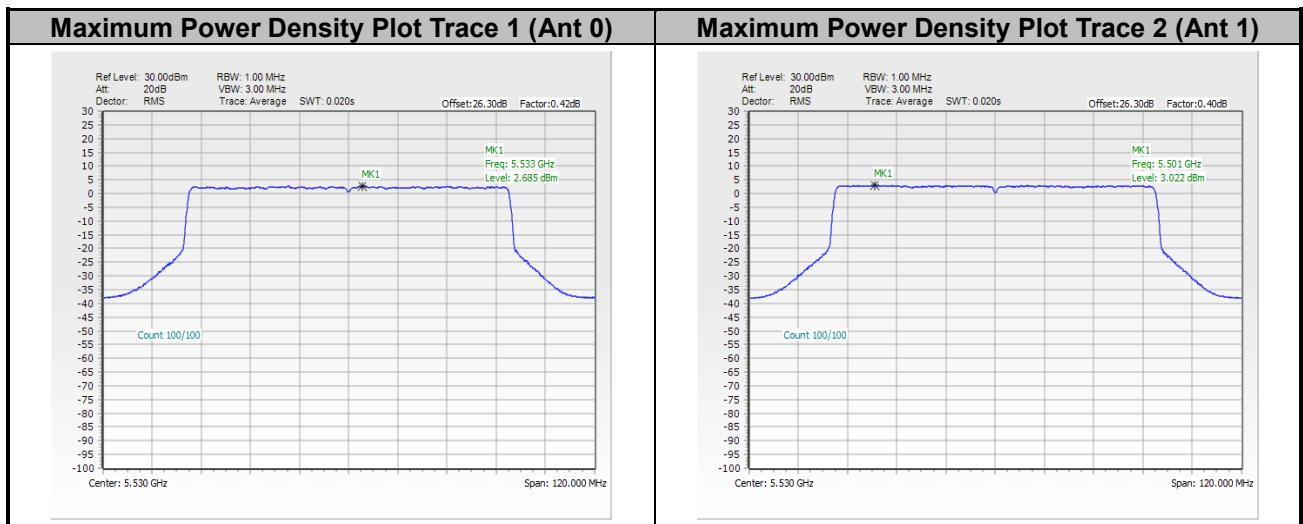
<802.11be EHT40>


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



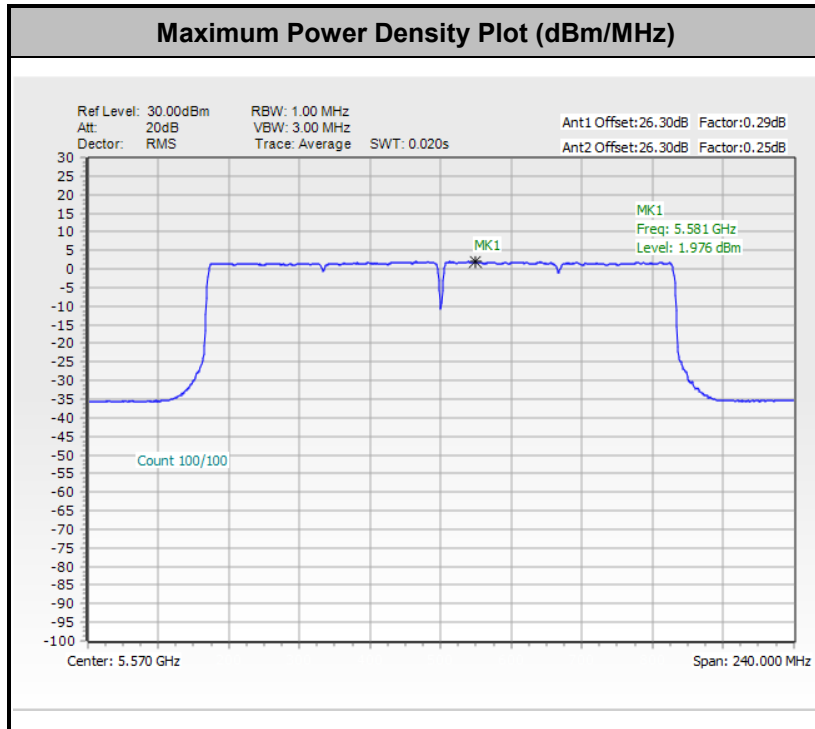
<802.11be EHT80>


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

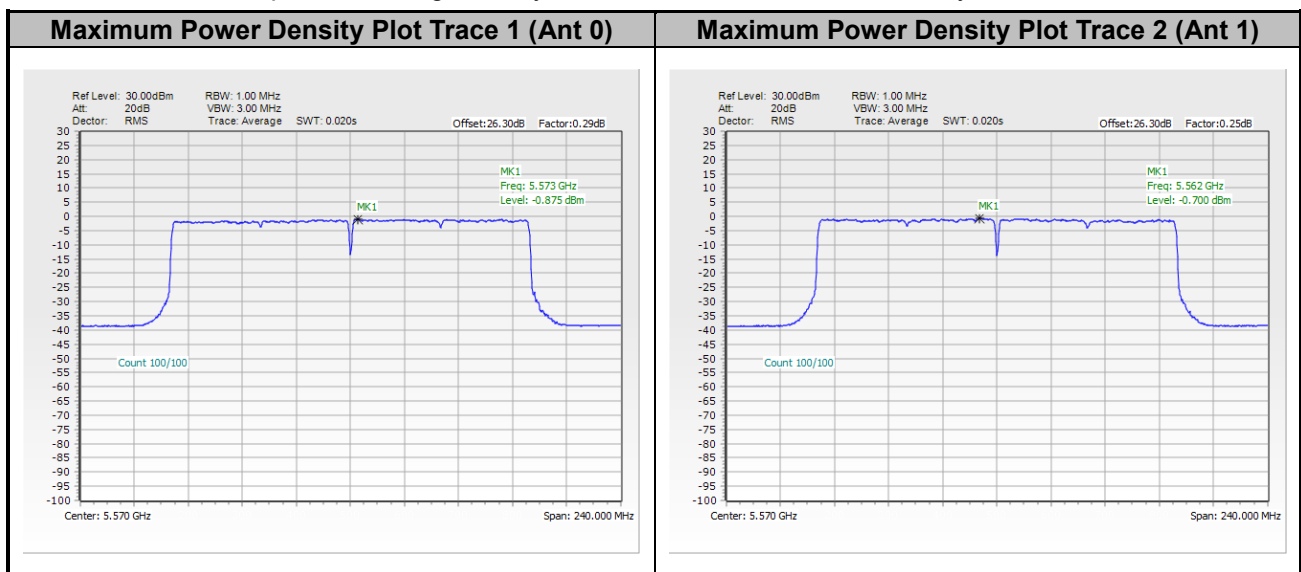


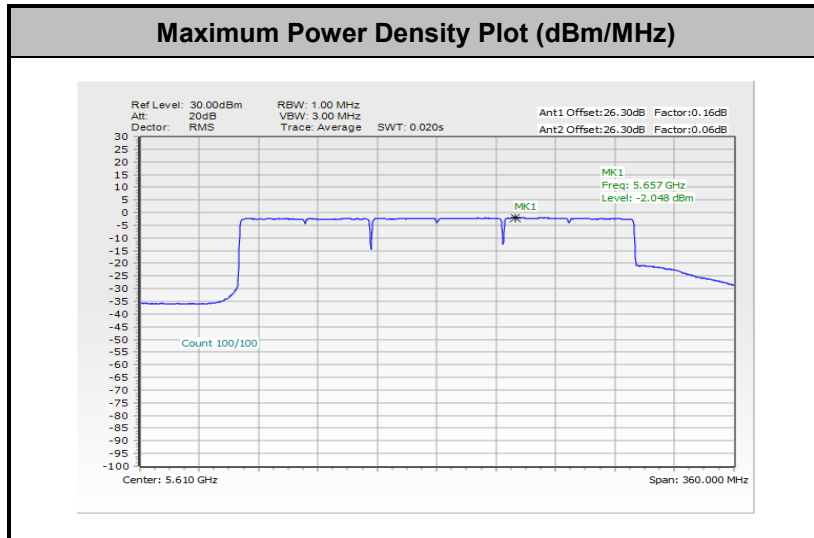


<802.11be EHT160>

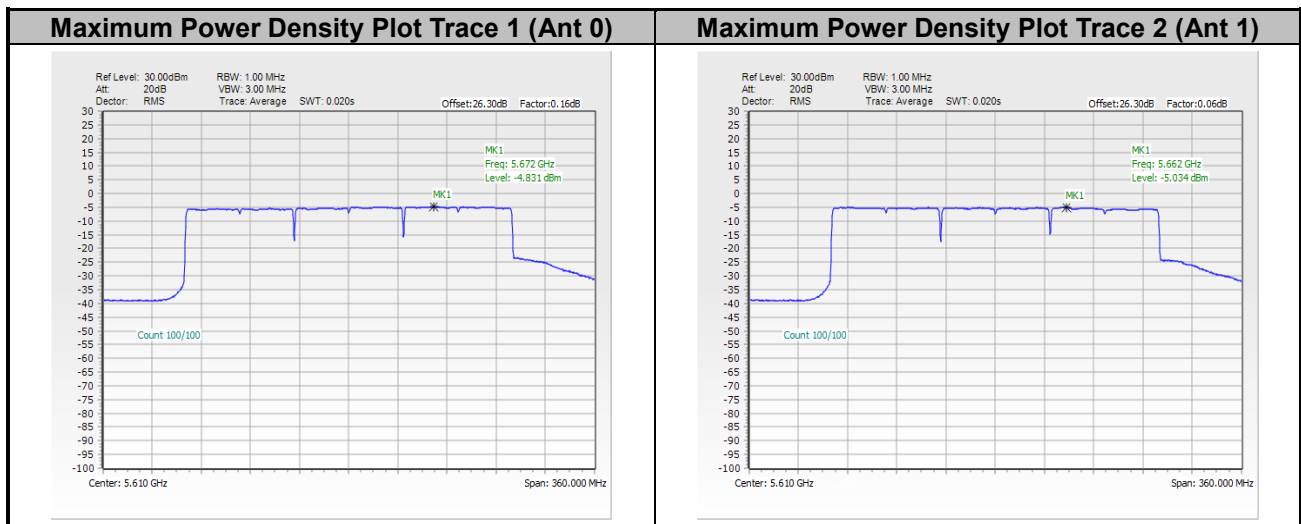


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.



<802.11be EHT240>


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





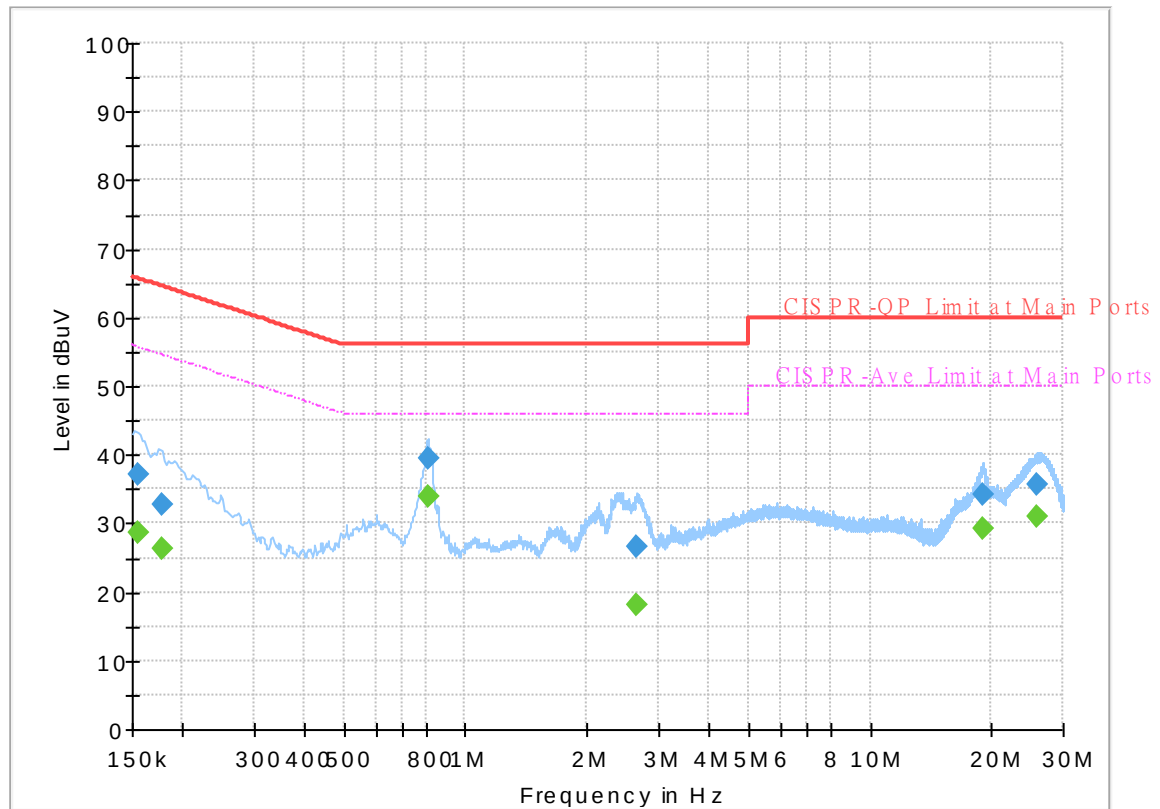
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 422010
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



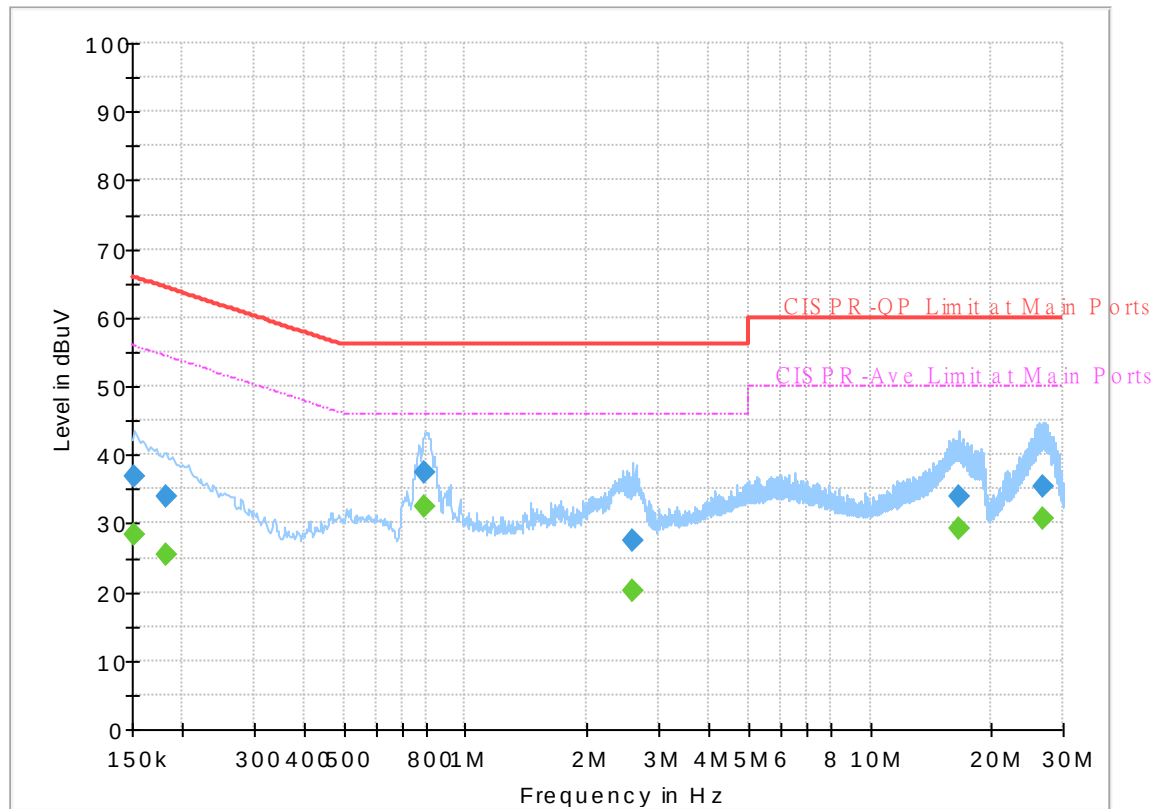
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	28.55	55.75	27.20	L1	OFF	19.8
0.154500	37.00	---	65.75	28.75	L1	OFF	19.8
0.177000	---	26.39	54.63	28.24	L1	OFF	19.8
0.177000	32.84	---	64.63	31.79	L1	OFF	19.8
0.807000	---	34.03	46.00	11.97	L1	OFF	19.8
0.807000	39.54	---	56.00	16.46	L1	OFF	19.8
2.645250	---	18.19	46.00	27.81	L1	OFF	19.8
2.645250	26.64	---	56.00	29.36	L1	OFF	19.8
19.054500	---	29.10	50.00	20.90	L1	OFF	19.9
19.054500	34.30	---	60.00	25.70	L1	OFF	19.9
25.908000	---	31.00	50.00	19.00	L1	OFF	20.0
25.908000	35.80	---	60.00	24.20	L1	OFF	20.0

EUT Information

Report NO : 422010
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.23	55.88	27.65	N	OFF	19.8
0.152250	36.84	---	65.88	29.04	N	OFF	19.8
0.181500	---	25.44	54.42	28.98	N	OFF	19.8
0.181500	33.99	---	64.42	30.43	N	OFF	19.8
0.791250	---	32.59	46.00	13.41	N	OFF	19.8
0.791250	37.54	---	56.00	18.46	N	OFF	19.8
2.586750	---	20.32	46.00	25.68	N	OFF	19.8
2.586750	27.37	---	56.00	28.63	N	OFF	19.8
16.568250	---	29.13	50.00	20.87	N	OFF	20.0
16.568250	33.89	---	60.00	26.11	N	OFF	20.0
26.648250	---	30.61	50.00	19.39	N	OFF	20.2
26.648250	35.44	---	60.00	24.56	N	OFF	20.2



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jack Cheng, Ray Lung and Sky Chang	Temperature :	18~26°C
		Relative Humidity :	50~70%

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	0	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	0	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	0	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	0	802.11ac VHT20	36	5180	MCS0	-	-
Mode 5	U-NII-1	5.15-5.25	0	802.11ac VHT20	44	5220	MCS0	-	-
Mode 6	U-NII-1	5.15-5.25	0	802.11ac VHT20	48	5240	MCS0	-	-
Mode 7	U-NII-1	5.15-5.25	0	802.11ac VHT40	38	5190	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	0	802.11ac VHT40	46	5230	MCS0	-	-
Mode 9	U-NII-1	5.15-5.25	0	802.11ac VHT80	42	5210	MCS0	-	-
Mode 10	U-NII-1	5.15-5.25	0	802.11ac VHT160	50	5250	MCS0	-	-
Mode 11	U-NII-1	5.15-5.25	0	802.11be EHT20	36	5180	MCS0	Full RU	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-1	5.15-5.25	0	802.11be EHT20	44	5220	MCS0	Full RU	-
Mode 13	U-NII-1	5.15-5.25	0	802.11be EHT20	48	5240	MCS0	Full RU	-
Mode 14	U-NII-1	5.15-5.25	0	802.11be EHT40	38	5190	MCS0	Full RU	-
Mode 15	U-NII-1	5.15-5.25	0	802.11be EHT40	46	5230	MCS0	Full RU	-
Mode 16	U-NII-1	5.15-5.25	0	802.11be EHT80	42	5210	MCS0	Full RU	-
Mode 17	U-NII-1	5.15-5.25	0	802.11be EHT160	50	5250	MCS0	Full RU	-
Mode 18	U-NII-2A	5.25-5.35	0	802.11a	52	5260	6Mbps	-	-
Mode 19	U-NII-2A	5.25-5.35	0	802.11a	60	5300	6Mbps	-	-
Mode 20	U-NII-2A	5.25-5.35	0	802.11a	64	5320	6Mbps	-	-
Mode 21	U-NII-2A	5.25-5.35	0	802.11ac VHT20	52	5260	MCS0	-	-
Mode 22	U-NII-2A	5.25-5.35	0	802.11ac VHT20	60	5300	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 23	U-NII-2A	5.25-5.35	0	802.11ac VHT20	64	5320	MCS0	-	-
Mode 24	U-NII-2A	5.25-5.35	0	802.11ac VHT40	54	5270	MCS0	-	-
Mode 25	U-NII-2A	5.25-5.35	0	802.11ac VHT40	62	5310	MCS0	-	-
Mode 26	U-NII-2A	5.25-5.35	0	802.11ac VHT80	58	5290	MCS0	-	-
Mode 27	U-NII-2A	5.25-5.35	0	802.11be EHT20	52	5260	MCS0	Full RU	-
Mode 28	U-NII-2A	5.25-5.35	0	802.11be EHT20	60	5300	MCS0	Full RU	-
Mode 29	U-NII-2A	5.25-5.35	0	802.11be EHT20	64	5320	MCS0	Full RU	-
Mode 30	U-NII-2A	5.25-5.35	0	802.11be EHT40	54	5270	MCS0	Full RU	-
Mode 31	U-NII-2A	5.25-5.35	0	802.11be EHT40	62	5310	MCS0	Full RU	-
Mode 32	U-NII-2A	5.25-5.35	0	802.11be EHT80	58	5290	MCS0	Full RU	-
Mode 33	U-NII-2C	5.47-5.725	0	802.11a	100	5500	6Mbps	-	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 34	U-NII-2C	5.47-5.725	0	802.11a	116	5580	6Mbps	-	-
Mode 35	U-NII-2C	5.47-5.725	0	802.11a	140	5700	6Mbps	-	-
Mode 36	U-NII-2C	5.47-5.725	0	802.11a	144	5720	6Mbps	-	-
Mode 37	U-NII-2C	5.47-5.725	0	802.11ac VHT20	100	5500	MCS0	-	-
Mode 38	U-NII-2C	5.47-5.725	0	802.11ac VHT20	116	5580	MCS0	-	-
Mode 39	U-NII-2C	5.47-5.725	0	802.11ac VHT20	140	5700	MCS0	-	-
Mode 40	U-NII-2C	5.47-5.725	0	802.11ac VHT20	144	5720	MCS0	-	-
Mode 41	U-NII-2C	5.47-5.725	0	802.11ac VHT40	102	5510	MCS0	-	-
Mode 42	U-NII-2C	5.47-5.725	0	802.11ac VHT40	110	5550	MCS0	-	-
Mode 43	U-NII-2C	5.47-5.725	0	802.11ac VHT40	134	5670	MCS0	-	-
Mode 44	U-NII-2C	5.47-5.725	0	802.11ac VHT40	142	5710	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 45	U-NII-2C	5.47-5.725	0	802.11ac VHT80	106	5530	MCS0	-	-
Mode 46	U-NII-2C	5.47-5.725	0	802.11ac VHT80	122	5610	MCS0	-	-
Mode 47	U-NII-2C	5.47-5.725	0	802.11ac VHT80	138	5690	MCS0	-	-
Mode 48	U-NII-2C	5.47-5.725	0	802.11ac VHT160	114	5570	MCS0	-	-
Mode 50	U-NII-2C	5.47-5.725	0	802.11be EHT20	100	5500	MCS0	Full RU	-
Mode 51	U-NII-2C	5.47-5.725	0	802.11be EHT20	116	5580	MCS0	Full RU	-
Mode 52	U-NII-2C	5.47-5.725	0	802.11be EHT20	140	5700	MCS0	Full RU	-
Mode 53	U-NII-2C	5.47-5.725	0	802.11be EHT20	144	5720	MCS0	Full RU	-
Mode 54	U-NII-2C	5.47-5.725	0	802.11be EHT40	102	5510	MCS0	Full RU	-
Mode 55	U-NII-2C	5.47-5.725	0	802.11be EHT40	110	5550	MCS0	Full RU	-
Mode 56	U-NII-2C	5.47-5.725	0	802.11be EHT40	134	5670	MCS0	Full RU	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 57	U-NII-2C	5.47-5.725	0	802.11be EHT40	142	5710	MCS0	Full RU	-
Mode 58	U-NII-2C	5.47-5.725	0	802.11be EHT80	106	5530	MCS0	Full RU	-
Mode 59	U-NII-2C	5.47-5.725	0	802.11be EHT80	122	5610	MCS0	Full RU	-
Mode 60	U-NII-2C	5.47-5.725	0	802.11be EHT80	138	5690	MCS0	Full RU	-
Mode 61	U-NII-2C	5.47-5.725	0	802.11be EHT160	114	5570	MCS0	Full RU	-
Mode 62	U-NII-2C	5.47-5.725	0	802.11be EHT240	122	5610	MCS0	Full RU	-
Mode 63	U-NII-1	5.15-5.25	0+1 (CDD)	802.11a	36	5180	6Mbps	-	-
Mode 64	U-NII-1	5.15-5.25	0+1 (CDD)	802.11a	44	5220	6Mbps	-	-
Mode 65	U-NII-1	5.15-5.25	0+1 (CDD)	802.11a	48	5240	6Mbps	-	-
Mode 66	U-NII-1	5.15-5.25	0+1 (CDD)	802.11ac VHT20	36	5180	MCS0	-	-
Mode 67	U-NII-1	5.15-5.25	0+1 (CDD)	802.11ac VHT20	44	5220	MCS0	-	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 68	U-NII-1	5.15-5.25	0+1 (CDD)	802.11ac VHT20	48	5240	MCS0	-	-
Mode 69	U-NII-1	5.15-5.25	0+1 (CDD)	802.11ac VHT40	38	5190	MCS0	-	-
Mode 70	U-NII-1	5.15-5.25	0+1 (CDD)	802.11ac VHT40	46	5230	MCS0	-	-
Mode 71	U-NII-1	5.15-5.25	0+1 (CDD)	802.11ac VHT80	42	5210	MCS0	-	-
Mode 72	U-NII-1	5.15-5.25	0+1 (CDD)	802.11ac VHT160	50	5250	MCS0	-	-
Mode 73	U-NII-1	5.15-5.25	0+1 (CDD)	802.11be EHT20	36	5180	MCS0	Full RU	-
Mode 74	U-NII-1	5.15-5.25	0+1 (CDD)	802.11be EHT20	44	5220	MCS0	Full RU	-
Mode 75	U-NII-1	5.15-5.25	0+1 (CDD)	802.11be EHT20	48	5240	MCS0	Full RU	-
Mode 76	U-NII-1	5.15-5.25	0+1 (CDD)	802.11be EHT40	38	5190	MCS0	Full RU	-
Mode 77	U-NII-1	5.15-5.25	0+1 (CDD)	802.11be EHT40	46	5230	MCS0	Full RU	-
Mode 78	U-NII-1	5.15-5.25	0+1 (CDD)	802.11be EHT80	42	5210	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 79	U-NII-1	5.15-5.25	0+1 (CDD)	802.11be EHT160	50	5250	MCS0	Full RU	-
Mode 80	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11a	52	5260	6Mbps	-	-
Mode 81	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11a	60	5300	6Mbps	-	-
Mode 82	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11a	64	5320	6Mbps	-	-
Mode 83	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11ac VHT20	52	5260	MCS0	-	-
Mode 84	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11ac VHT20	60	5300	MCS0	-	-
Mode 85	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11ac VHT20	64	5320	MCS0	-	-
Mode 86	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11ac VHT40	54	5270	MCS0	-	-
Mode 87	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11ac VHT40	62	5310	MCS0	-	-
Mode 88	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11ac VHT80	58	5290	MCS0	-	-
Mode 89	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11be EHT20	52	5260	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 90	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11be EHT20	60	5300	MCS0	Full RU	-
Mode 91	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11be EHT20	64	5320	MCS0	Full RU	-
Mode 92	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11be EHT40	54	5270	MCS0	Full RU	-
Mode 93	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11be EHT40	62	5310	MCS0	Full RU	-
Mode 94	U-NII-2A	5.25-5.35	0+1 (CDD)	802.11be EHT80	58	5290	MCS0	Full RU	-
Mode 95	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11a	100	5500	6Mbps	-	-
Mode 96	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11a	116	5580	6Mbps	-	-
Mode 97	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11a	140	5700	6Mbps	-	-
Mode 98	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11a	144	5720	6Mbps	-	-
Mode 99	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT20	100	5500	MCS0	-	-
Mode 100	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT20	116	5580	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 101	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT20	140	5700	MCS0	-	-
Mode 102	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT20	144	5720	MCS0	-	-
Mode 103	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT40	102	5510	MCS0	-	-
Mode 104	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT40	110	5550	MCS0	-	-
Mode 105	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT40	134	5670	MCS0	-	-
Mode 106	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT40	142	5710	MCS0	-	-
Mode 107	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT80	106	5530	MCS0	-	-
Mode 108	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT80	122	5610	MCS0	-	-
Mode 109	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT80	138	5690	MCS0	-	-
Mode 110	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11ac VHT160	114	5570	MCS0	-	-
Mode 112	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT20	100	5500	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 113	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT20	116	5580	MCS0	Full RU	-
Mode 114	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT20	140	5700	MCS0	Full RU	-
Mode 115	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT20	144	5720	MCS0	Full RU	-
Mode 116	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT40	102	5510	MCS0	Full RU	-
Mode 117	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT40	110	5550	MCS0	Full RU	-
Mode 118	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT40	134	5670	MCS0	Full RU	-
Mode 119	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT40	142	5710	MCS0	Full RU	-
Mode 120	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT80	106	5530	MCS0	Full RU	-
Mode 121	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT80	122	5610	MCS0	Full RU	-
Mode 122	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT80	138	5690	MCS0	Full RU	-
Mode 123	U-NII-2C	5.47-5.725	0+1 (CDD)	802.11be EHT160	114	5570	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 124	U-NII- 2C	5.47- 5.725	0+1 (CDD)	802.11be EHT240	122	5610	MCS0	Full RU	-
Mode 125	U-NII- 2A	5.25-5.35	0+1 (CDD)	802.11ac VHT40	62	5310	MCS0	-	SHF
Mode 126	U-NII- 2A	5.25-5.35	0+1 (CDD)	802.11ac VHT40	62	5310	MCS0	-	LF

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	5148.68	46.92	54.00	-7.08	H	Avg.	Pass	-	Band Edge
	802.11a	36	15540.00	43.74	54.00	-10.26	H	Avg.	Pass	-	Harmonic
2	802.11a	44	5149.82	43.41	54.00	-10.59	H	Avg.	Pass	-	Band Edge
	802.11a	44	15660.00	43.10	54.00	-10.90	V	Avg.	Pass	-	Harmonic
3	802.11a	48	5136.56	42.77	54.00	-11.23	H	Avg.	Pass	-	Band Edge
	802.11a	48	15720.00	43.44	54.00	-10.56	H	Avg.	Pass	-	Harmonic
4	802.11ac VHT20	36	5149.94	48.05	54.00	-5.95	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	36	15540.00	43.10	54.00	-10.90	H	Avg.	Pass	-	Harmonic
5	802.11ac VHT20	44	5147.62	43.37	54.00	-10.63	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	44	15660.00	43.29	54.00	-10.71	V	Avg.	Pass	-	Harmonic
6	802.11ac VHT20	48	5145.92	43.24	54.00	-10.76	H	Avg.	Pass	-	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	802.11ac VHT20	48	15720.00	43.48	54.00	-10.52	V	Avg.	Pass	-	Harmonic
7	802.11ac VHT40	38	5149.34	51.89	54.00	-2.11	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	38	15570.00	43.39	54.00	-10.61	H	Avg.	Pass	-	Harmonic
8	802.11ac VHT40	46	5146.51	44.44	54.00	-9.56	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	46	15690.00	43.75	54.00	-10.25	V	Avg.	Pass	-	Harmonic
9	802.11ac VHT80	42	5149.73	52.89	54.00	-1.11	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	15630.00	43.72	54.00	-10.28	V	Avg.	Pass	-	Harmonic
10	802.11ac VHT160	50	5350.38	53.96	54.00	-0.04	H	Avg.	Pass	-	Band Edge
	802.11ac VHT160	50	15750.00	44.10	54.00	-9.90	V	Avg.	Pass	-	Harmonic
11	802.11be EHT20	36	5149.76	49.04	54.00	-4.96	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	36	15540.00	43.27	54.00	-10.73	H	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	802.11be EHT20	44	5136.40	43.35	54.00	-10.65	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	44	15660.00	43.33	54.00	-10.67	V	Avg.	Pass	Full RU	Harmonic
13	802.11be EHT20	48	5136.56	43.32	54.00	-10.68	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	48	15720.00	43.49	54.00	-10.51	H	Avg.	Pass	Full RU	Harmonic
14	802.11be EHT40	38	5149.72	53.96	54.00	-0.04	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	38	15570.00	43.27	54.00	-10.73	H	Avg.	Pass	Full RU	Harmonic
15	802.11be EHT40	46	5149.73	45.21	54.00	-8.79	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	46	15690.00	43.45	54.00	-10.55	H	Avg.	Pass	Full RU	Harmonic
16	802.11be EHT80	42	5149.73	53.16	54.00	-0.84	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	42	15630.00	43.97	54.00	-10.03	V	Avg.	Pass	Full RU	Harmonic
17	802.11be EHT160	50	5354.58	53.77	54.00	-0.23	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
17	802.11be EHT160	50	15750.00	44.29	54.00	-9.71	V	Avg.	Pass	Full RU	Harmonic
18	802.11a	52	5356.20	43.81	54.00	-10.19	H	Avg.	Pass	-	Band Edge
	802.11a	52	15780.00	43.58	54.00	-10.42	H	Avg.	Pass	-	Harmonic
19	802.11a	60	5354.24	46.56	54.00	-7.44	H	Avg.	Pass	-	Band Edge
	802.11a	60	15900.00	43.19	54.00	-10.81	V	Avg.	Pass	-	Harmonic
20	802.11a	64	5350.66	49.40	54.00	-4.60	H	Avg.	Pass	-	Band Edge
	802.11a	64	15960.00	43.03	54.00	-10.97	H	Avg.	Pass	-	Harmonic
21	802.11ac VHT20	52	5352.00	44.96	54.00	-9.04	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	52	15780.00	43.68	54.00	-10.32	H	Avg.	Pass	-	Harmonic
22	802.11ac VHT20	60	5350.56	47.15	54.00	-6.85	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	60	15900.00	43.09	54.00	-10.91	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 VHT20	64	5350.52	50.61	54.00	-3.39	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	64	15960.00	43.10	54.00	-10.90	H	Avg.	Pass	-	Harmonic
24	802.11ac VHT40	54	5350.75	47.88	54.00	-6.12	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	54	15810.00	43.59	54.00	-10.41	V	Avg.	Pass	-	Harmonic
25	802.11ac VHT40	62	5350.80	53.96	54.00	-0.04	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	62	15930.00	43.43	54.00	-10.57	H	Avg.	Pass	-	Harmonic
26	802.11ac VHT80	58	5350.69	52.77	54.00	-1.23	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	58	15870.00	43.84	54.00	-10.16	H	Avg.	Pass	-	Harmonic
27	802.11be EHT20	52	5351.60	44.17	54.00	-9.83	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	52	15780.00	43.61	54.00	-10.39	H	Avg.	Pass	Full RU	Harmonic
28	802.11be EHT20	60	5350.72	47.38	54.00	-6.62	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	43.08	54.00	-10.92	V	Avg.	Pass	Full RU	Harmonic
29	802.11be EHT20	64	5350.24	52.61	54.00	-1.39	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	64	15960.00	43.22	54.00	-10.78	V	Avg.	Pass	Full RU	Harmonic
30	802.11be EHT40	54	5351.13	49.76	54.00	-4.24	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	54	15810.00	43.37	54.00	-10.63	V	Avg.	Pass	Full RU	Harmonic
31	802.11be EHT40	62	5350.35	53.60	54.00	-0.40	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	62	15930.00	43.46	54.00	-10.54	H	Avg.	Pass	Full RU	Harmonic
32	802.11be EHT80	58	5352.56	53.06	54.00	-0.94	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	58	15870.00	43.81	54.00	-10.19	V	Avg.	Pass	Full RU	Harmonic
33	802.11a	100	5468.65	60.98	68.20	-7.22	H	Peak	Pass	-	Band Edge
	802.11a	100	11000.00	40.96	54.00	-13.04	V	Avg.	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
34	802.11a	116	5424.06	42.59	54.00	-11.41	H	Avg.	Pass	-	Band Edge
	802.11a	116	11160.00	41.63	54.00	-12.37	V	Avg.	Pass	-	Harmonic
35	802.11a	140	5725.22	63.34	68.20	-4.86	H	Peak	Pass	-	Band Edge
	802.11a	140	11400.00	41.28	54.00	-12.72	V	Avg.	Pass	-	Harmonic
36	802.11a	144	5432.29	42.50	54.00	-11.50	H	Avg.	Pass	-	Band Edge
	802.11a	144	11440.00	41.46	54.00	-12.54	V	Avg.	Pass	-	Harmonic
37	802.11ac VHT20	100	5467.00	63.52	68.20	-4.68	H	Peak	Pass	-	Band Edge
	802.11ac VHT20	100	11000.00	40.99	54.00	-13.01	V	Avg.	Pass	-	Harmonic
38	802.11ac VHT20	116	5457.64	42.68	54.00	-11.32	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	116	11160.00	40.57	54.00	-13.43	H	Avg.	Pass	-	Harmonic
39	802.11ac VHT20	140	5725.03	68.06	68.20	-0.14	H	Peak	Pass	-	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
40	802.11ac VHT20	144	5424.10	42.94	54.00	-11.06	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	144	11440.00	41.39	54.00	-12.61	V	Avg.	Pass	-	Harmonic
41	802.11ac VHT40	102	5459.92	52.98	54.00	-1.02	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	102	11020.00	41.16	54.00	-12.84	V	Avg.	Pass	-	Harmonic
42	802.11ac VHT40	110	5451.60	45.51	54.00	-8.49	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	110	11100.00	41.89	54.00	-12.11	H	Avg.	Pass	-	Harmonic
43	802.11ac VHT40	134	5726.05	67.64	68.20	-0.56	H	Peak	Pass	-	Band Edge
	802.11ac VHT40	134	11340.00	41.41	54.00	-12.59	V	Avg.	Pass	-	Harmonic
44	802.11ac VHT40	142	5427.61	43.55	54.00	-10.45	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	142	11420.00	42.03	54.00	-11.97	V	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
45	802.11ac VHT80	106	5452.60	52.48	54.00	-1.52	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	106	11060.00	41.60	54.00	-12.40	V	Avg.	Pass	-	Harmonic
46	802.11ac VHT80	122	5725.32	65.37	68.20	-2.83	H	Peak	Pass	-	Band Edge
	802.11ac VHT80	122	11220.00	42.83	54.00	-11.17	H	Avg.	Pass	-	Harmonic
47	802.11ac VHT80	138	5855.50	59.93	68.20	-8.27	H	Peak	Pass	-	Band Edge
	802.11ac VHT80	138	11380.00	41.78	54.00	-12.22	H	Avg.	Pass	-	Harmonic
48	802.11ac VHT160	114	5454.94	53.44	54.00	-0.56	H	Avg.	Pass	-	Band Edge
	802.11ac VHT160	114	11140.00	43.67	54.00	-10.33	H	Avg.	Pass	-	Harmonic
50	802.11be EHT20	100	5465.80	62.53	68.20	-5.67	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	100	11000.00	40.93	54.00	-13.07	V	Avg.	Pass	Full RU	Harmonic
51	802.11be EHT20	116	5448.44	43.28	54.00	-10.72	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
51	802.11be EHT20	116	11160.00	40.72	54.00	-13.28	H	Avg.	Pass	Full RU	Harmonic
52	802.11be EHT20	140	5726.46	65.79	68.20	-2.41	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	140	11400.00	41.38	54.00	-12.62	V	Avg.	Pass	Full RU	Harmonic
53	802.11be EHT20	144	5439.31	41.34	54.00	-12.66	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	144	11440.00	43.09	54.00	-10.91	H	Avg.	Pass	Full RU	Harmonic
54	802.11be EHT40	102	5459.28	52.31	54.00	-1.69	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	102	11020.00	41.16	54.00	-12.84	V	Avg.	Pass	Full RU	Harmonic
55	802.11be EHT40	110	5459.00	45.92	54.00	-8.08	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	110	11100.00	41.97	54.00	-12.03	V	Avg.	Pass	Full RU	Harmonic
56	802.11be EHT40	134	5725.96	66.51	68.20	-1.69	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT40	134	11340.00	41.46	54.00	-12.54	V	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
57	802.11be EHT40	142	5432.68	42.35	54.00	-11.65	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	142	11420.00	43.67	54.00	-10.33	H	Avg.	Pass	Full RU	Harmonic
58	802.11be EHT80	106	5459.98	52.87	54.00	-1.13	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	106	11060.00	41.72	54.00	-12.28	V	Avg.	Pass	Full RU	Harmonic
59	802.11be EHT80	122	5746.25	65.07	68.20	-3.13	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT80	122	11220.00	42.91	54.00	-11.09	V	Avg.	Pass	Full RU	Harmonic
60	802.11be EHT80	138	5851.60	59.84	68.20	-8.36	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT80	138	11380.00	41.74	54.00	-12.26	V	Avg.	Pass	Full RU	Harmonic
61	802.11be EHT160	114	5437.34	52.79	54.00	-1.21	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT160	114	11140.00	42.35	54.00	-11.65	H	Avg.	Pass	Full RU	Harmonic
62	802.11be EHT240	122	5854.90	67.76	68.20	-0.44	H	Peak	Pass	Full RU	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
62	802.11be EHT240	122	11220.00	43.02	54.00	-10.98	H	Avg.	Pass	Full RU	Harmonic
63	802.11a	36	5149.94	45.36	54.00	-8.64	H	Avg.	Pass	-	Band Edge
	802.11a	36	15540.00	42.44	54.00	-11.56	H	Avg.	Pass	-	Harmonic
64	802.11a	44	5149.60	42.94	54.00	-11.06	H	Avg.	Pass	-	Band Edge
	802.11a	44	15660.00	42.55	54.00	-11.45	H	Avg.	Pass	-	Harmonic
65	802.11a	48	5136.08	42.86	54.00	-11.14	H	Avg.	Pass	-	Band Edge
	802.11a	48	15720.00	42.88	54.00	-11.12	H	Avg.	Pass	-	Harmonic
66	802.11ac VHT20	36	5149.76	44.78	54.00	-9.22	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	36	15540.00	42.35	54.00	-11.65	V	Avg.	Pass	-	Harmonic
67	802.11ac VHT20	44	5135.74	43.34	54.00	-10.66	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	44	15660.00	42.43	54.00	-11.57	V	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
68	802.11ac VHT20	48	5141.12	42.67	54.00	-11.33	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	48	15720.00	42.70	54.00	-11.30	H	Avg.	Pass	-	Harmonic
69	802.11ac VHT40	38	5149.72	49.30	54.00	-4.70	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	38	15570.00	42.87	54.00	-11.13	V	Avg.	Pass	-	Harmonic
70	802.11ac VHT40	46	5141.91	44.21	54.00	-9.79	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	46	15690.00	43.07	54.00	-10.93	V	Avg.	Pass	-	Harmonic
71	802.11ac VHT80	42	5149.94	52.22	54.00	-1.78	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	15630.00	42.79	54.00	-11.21	H	Avg.	Pass	-	Harmonic
72	802.11ac VHT160	50	5125.00	52.34	54.00	-1.66	H	Avg.	Pass	-	Band Edge
	802.11ac VHT160	50	15750.00	43.52	54.00	-10.48	V	Avg.	Pass	-	Harmonic
73	802.11be EHT20	36	5148.14	45.18	54.00	-8.82	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
73	802.11be EHT20	36	15540.00	42.56	54.00	-11.44	V	Avg.	Pass	Full RU	Harmonic
74	802.11be EHT20	44	5140.36	43.20	54.00	-10.80	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	44	15660.00	42.83	54.00	-11.17	H	Avg.	Pass	Full RU	Harmonic
75	802.11be EHT20	48	5144.24	42.69	54.00	-11.31	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	48	15720.00	43.24	54.00	-10.76	H	Avg.	Pass	Full RU	Harmonic
76	802.11be EHT40	38	5149.91	50.81	54.00	-3.19	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	38	15570.00	43.03	54.00	-10.97	H	Avg.	Pass	Full RU	Harmonic
77	802.11be EHT40	46	5149.73	45.76	54.00	-8.24	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	46	15690.00	43.08	54.00	-10.92	V	Avg.	Pass	Full RU	Harmonic
78	802.11be EHT80	42	5148.47	51.44	54.00	-2.56	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	42	15630.00	43.13	54.00	-10.87	H	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
79	802.11be EHT160	50	5125.00	53.33	54.00	-0.67	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT160	50	15750.00	43.43	54.00	-10.57	V	Avg.	Pass	Full RU	Harmonic
80	802.11a	52	5138.84	43.15	54.00	-10.85	H	Avg.	Pass	-	Band Edge
	802.11a	52	15780.00	42.85	54.00	-11.15	V	Avg.	Pass	-	Harmonic
81	802.11a	60	5350.72	43.61	54.00	-10.39	V	Avg.	Pass	-	Band Edge
	802.11a	60	15900.00	42.45	54.00	-11.55	V	Avg.	Pass	-	Harmonic
82	802.11a	64	5350.10	47.06	54.00	-6.94	V	Avg.	Pass	-	Band Edge
	802.11a	64	15960.00	42.46	54.00	-11.54	V	Avg.	Pass	-	Harmonic
83	802.11ac VHT20	52	5135.98	43.21	54.00	-10.79	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	52	15780.00	42.64	54.00	-11.36	V	Avg.	Pass	-	Harmonic
84	802.11ac VHT20	60	5350.08	44.03	54.00	-9.97	H	Avg.	Pass	-	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
84	802.11ac VHT20	60	15900.00	42.22	54.00	-11.78	H	Avg.	Pass	-	Harmonic
85	802.11ac VHT20	64	5350.10	48.63	54.00	-5.37	V	Avg.	Pass	-	Band Edge
	802.11ac VHT20	64	15960.00	42.27	54.00	-11.73	V	Avg.	Pass	-	Harmonic
86	802.11ac VHT40	54	5142.83	44.47	54.00	-9.53	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	54	15810.00	42.99	54.00	-11.01	V	Avg.	Pass	-	Harmonic
87	802.11ac VHT40	62	5350.05	52.46	54.00	-1.54	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	62	15930.00	42.93	54.00	-11.07	H	Avg.	Pass	-	Harmonic
88	802.11ac VHT80	58	5361.40	53.94	54.00	-0.06	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	58	15870.00	43.06	54.00	-10.94	V	Avg.	Pass	-	Harmonic
89	802.11be EHT20	52	5357.40	43.58	54.00	-10.42	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	52	15780.00	43.18	54.00	-10.82	V	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
90	802.11be EHT20	60	5350.72	44.78	54.00	-9.22	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	60	15900.00	42.71	54.00	-11.29	H	Avg.	Pass	Full RU	Harmonic
91	802.11be EHT20	64	5351.22	48.88	54.00	-5.12	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	64	15960.00	42.85	54.00	-11.15	H	Avg.	Pass	Full RU	Harmonic
92	802.11be EHT40	54	5142.29	45.26	54.00	-8.74	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	54	15810.00	43.16	54.00	-10.84	V	Avg.	Pass	Full RU	Harmonic
93	802.11be EHT40	62	5350.05	52.56	54.00	-1.44	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	62	15930.00	43.07	54.00	-10.93	V	Avg.	Pass	Full RU	Harmonic
94	802.11be EHT80	58	5350.52	52.95	54.00	-1.05	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	58	15870.00	43.02	54.00	-10.98	H	Avg.	Pass	Full RU	Harmonic
95	802.11a	100	5456.95	44.86	54.00	-9.14	H	Avg.	Pass	-	Band Edge



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
95	802.11a	100	11000.00	40.92	54.00	-13.08	V	Avg.	Pass	-	Harmonic
96	802.11a	116	5443.61	41.91	54.00	-12.09	H	Avg.	Pass	-	Band Edge
	802.11a	116	11160.00	40.53	54.00	-13.47	V	Avg.	Pass	-	Harmonic
97	802.11a	140	5727.89	60.17	68.20	-8.03	H	Peak	Pass	-	Band Edge
	802.11a	140	11400.00	41.44	54.00	-12.56	V	Avg.	Pass	-	Harmonic
98	802.11a	144	5431.12	40.79	54.00	-13.21	H	Avg.	Pass	-	Band Edge
	802.11a	144	11440.00	41.85	54.00	-12.15	V	Avg.	Pass	-	Harmonic
99	802.11ac VHT20	100	5459.95	45.08	54.00	-8.92	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	100	11000.00	40.16	54.00	-13.84	V	Avg.	Pass	-	Harmonic
100	802.11ac VHT20	116	5453.96	41.83	54.00	-12.17	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	116	11160.00	40.15	54.00	-13.85	V	Avg.	Pass	-	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
101	802.11ac VHT20	140	5729.06	58.02	68.20	-10.18	H	Peak	Pass	-	Band Edge
102	802.11ac VHT20	144	5427.22	41.58	54.00	-12.42	H	Avg.	Pass	-	Band Edge
	802.11ac VHT20	144	11440.00	41.27	54.00	-12.73	V	Avg.	Pass	-	Harmonic
103	802.11ac VHT40	102	5459.76	50.98	54.00	-3.02	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	102	11020.00	41.88	54.00	-12.12	V	Avg.	Pass	-	Harmonic
104	802.11ac VHT40	110	5459.20	45.09	54.00	-8.91	H	Avg.	Pass	-	Band Edge
	802.11ac VHT40	110	11100.00	40.51	54.00	-13.49	V	Avg.	Pass	-	Harmonic
105	802.11ac VHT40	134	5727.48	61.52	68.20	-6.68	H	Peak	Pass	-	Band Edge
	802.11ac VHT40	134	11340.00	40.74	54.00	-13.26	V	Avg.	Pass	-	Harmonic
106	802.11ac VHT40	142	5424.10	44.16	54.00	-9.84	H	Avg.	Pass	-	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
106	802.11ac VHT40	142	11420.00	41.55	54.00	-12.45	V	Avg.	Pass	-	Harmonic
107	802.11ac VHT80	106	5459.98	52.65	54.00	-1.35	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	106	11060.00	42.09	54.00	-11.91	H	Avg.	Pass	-	Harmonic
108	802.11ac VHT80	122	5457.90	45.97	54.00	-8.03	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	122	11220.00	40.56	54.00	-13.44	V	Avg.	Pass	-	Harmonic
109	802.11ac VHT80	138	5364.04	45.67	54.00	-8.33	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	138	11380.00	43.41	54.00	-10.59	H	Avg.	Pass	-	Harmonic
110	802.11ac VHT160	114	5459.78	53.11	54.00	-0.89	H	Avg.	Pass	-	Band Edge
	802.11ac VHT160	114	11140.00	41.46	54.00	-12.54	H	Avg.	Pass	-	Harmonic
112	802.11be EHT20	100	5459.05	44.95	54.00	-9.05	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	100	11000.00	40.38	54.00	-13.62	V	Avg.	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
113	802.11be EHT20	116	5424.29	42.44	54.00	-11.56	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	116	11160.00	41.30	54.00	-12.70	H	Avg.	Pass	Full RU	Harmonic
114	802.11be EHT20	140	5729.06	60.27	68.20	-7.93	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT20	140	11400.00	41.41	54.00	-12.59	V	Avg.	Pass	Full RU	Harmonic
115	802.11be EHT20	144	5404.21	41.44	54.00	-12.56	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	144	11440.00	41.44	54.00	-12.56	V	Avg.	Pass	Full RU	Harmonic
116	802.11be EHT40	102	5468.40	65.51	68.20	-2.69	H	Peak	Pass	Full RU	Band Edge
	802.11be EHT40	102	11020.00	42.19	54.00	-11.81	H	Avg.	Pass	Full RU	Harmonic
117	802.11be EHT40	110	5456.80	45.04	54.00	-8.96	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	110	11100.00	41.89	54.00	-12.11	H	Avg.	Pass	Full RU	Harmonic
118	802.11be EHT40	134	5728.14	63.36	68.20	-4.84	H	Peak	Pass	Full RU	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
118	802.11be EHT40	134	11340.00	43.08	54.00	-10.92	H	Avg.	Pass	Full RU	Harmonic
119	802.11be EHT40	142	5403.04	42.61	54.00	-11.39	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT40	142	11420.00	41.65	54.00	-12.35	V	Avg.	Pass	Full RU	Harmonic
120	802.11be EHT80	106	5459.26	52.37	54.00	-1.63	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	106	11060.00	41.62	54.00	-12.38	V	Avg.	Pass	Full RU	Harmonic
121	802.11be EHT80	122	5457.64	45.97	54.00	-8.03	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	122	11220.00	41.42	54.00	-12.58	H	Avg.	Pass	Full RU	Harmonic
122	802.11be EHT80	138	5363.26	44.47	54.00	-9.53	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT80	138	11380.00	43.61	54.00	-10.39	H	Avg.	Pass	Full RU	Harmonic
123	802.11be EHT160	114	5441.30	53.94	54.00	-0.06	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT160	114	11140.00	40.80	54.00	-13.20	H	Avg.	Pass	Full RU	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
124	802.11be EHT240	122	5444.12	51.56	54.00	-2.44	H	Avg.	Pass	Full RU	Band Edge
	802.11be EHT240	122	11220.00	39.42	54.00	-14.58	H	Avg.	Pass	Full RU	Harmonic
125	802.11ac VHT40	62	39516.00	41.01	54.00	-12.99	H	Avg.	Pass	-	SHF
126	802.11ac VHT40	62	70.74	37.14	40.00	-2.86	V	Peak	Pass	-	LF

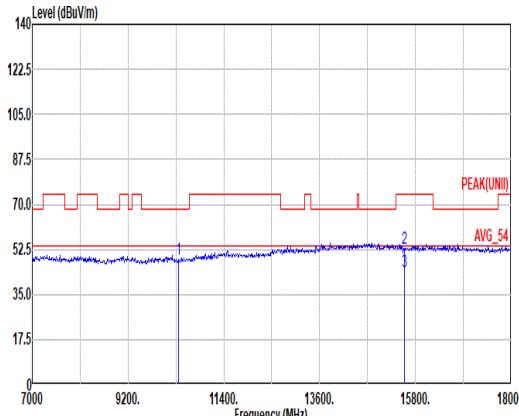
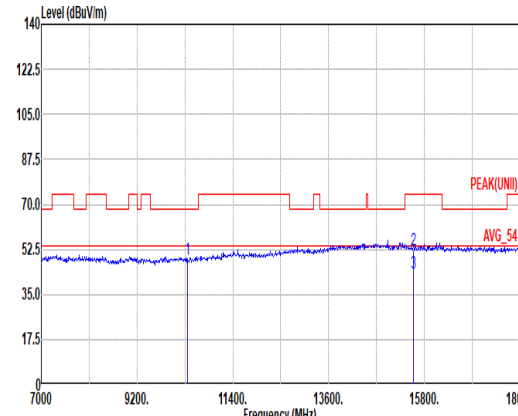


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Peak	Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5149.76</td><td>57.82</td><td>74.00</td><td>-16.18</td><td>46.96</td><td>32.60</td><td>12.49</td><td>34.23</td><td>0.00</td><td>112 186 PEAK</td></tr></tbody></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor			Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5149.76	57.82	74.00	-16.18	46.96	32.60	12.49	34.23	0.00	112 186 PEAK	Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5180.00</td><td>115.44</td><td>-----</td><td>104.58</td><td>32.60</td><td>12.53</td><td>34.27</td><td>0.00</td><td>112 186 PEAK</td></tr></tbody></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor			Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5180.00	115.44	-----	104.58	32.60	12.53	34.27	0.00	112 186 PEAK
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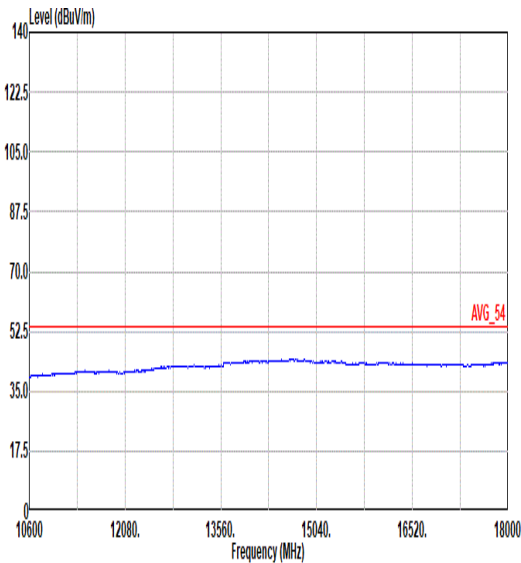
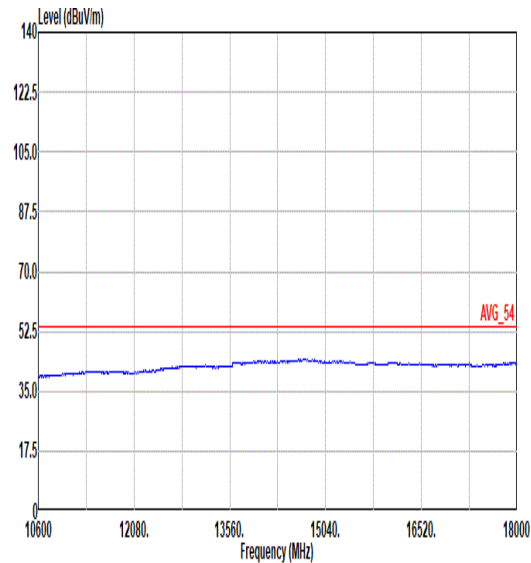


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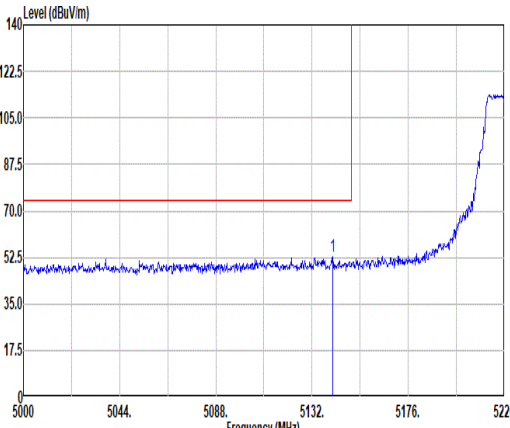
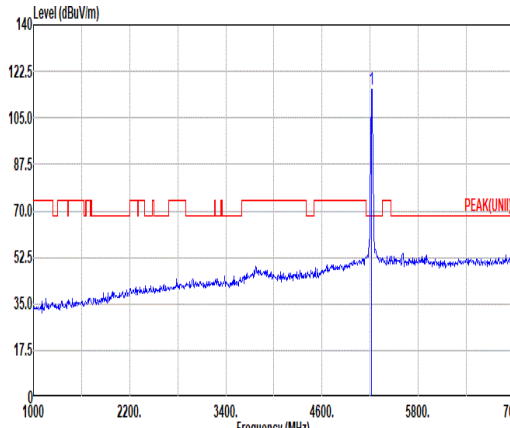
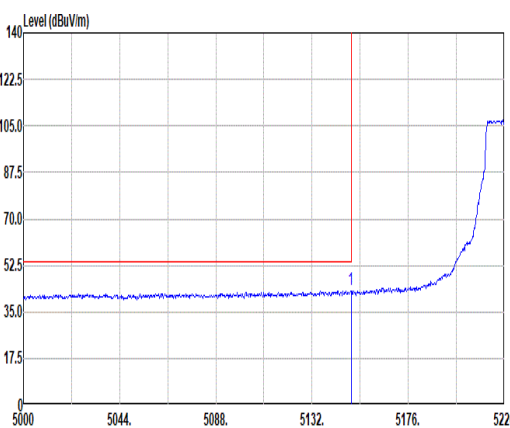
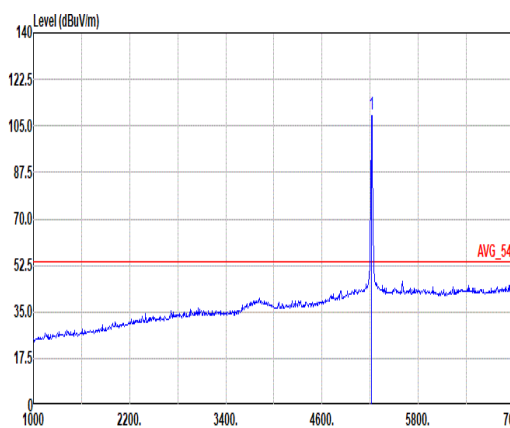


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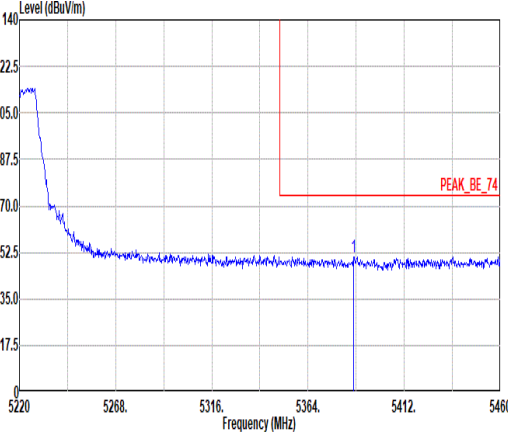
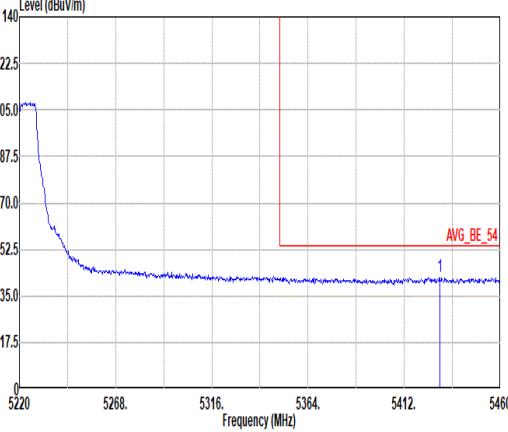


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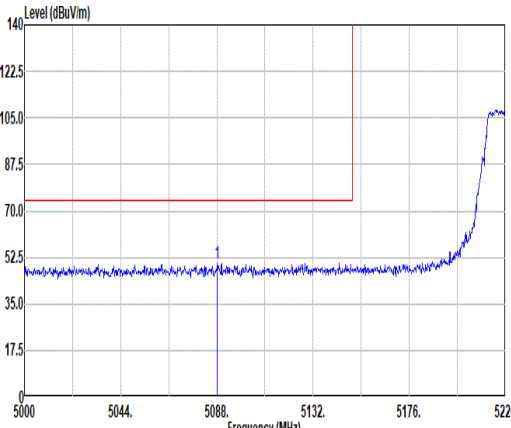
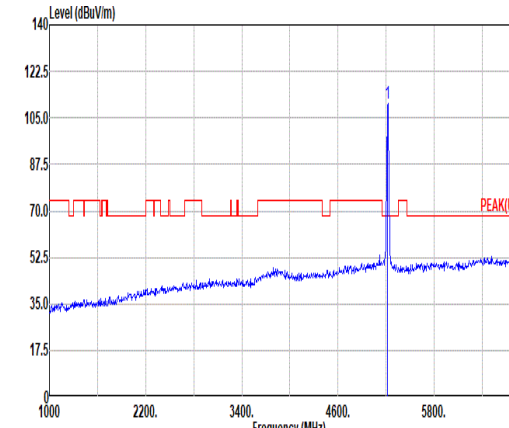
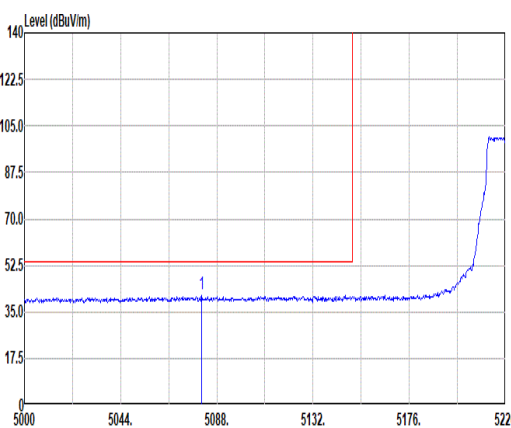
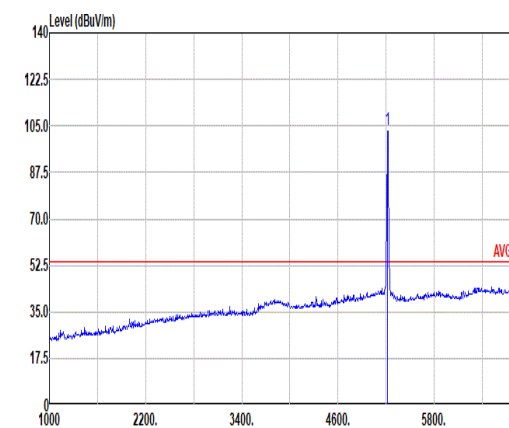


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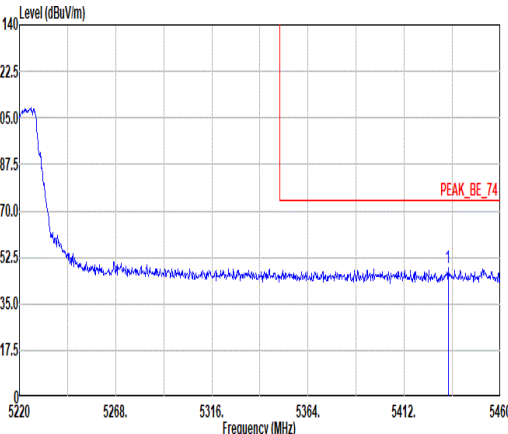
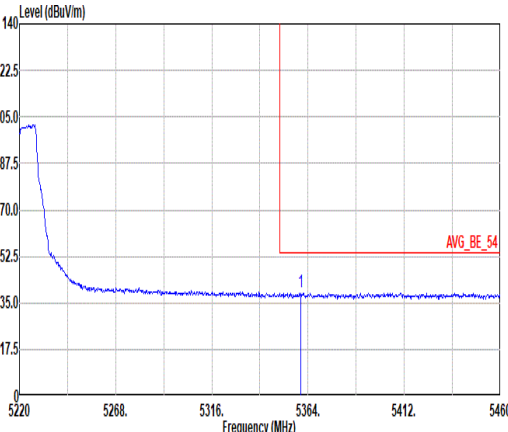


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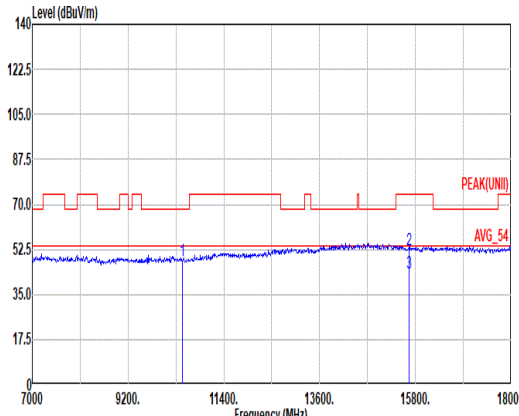
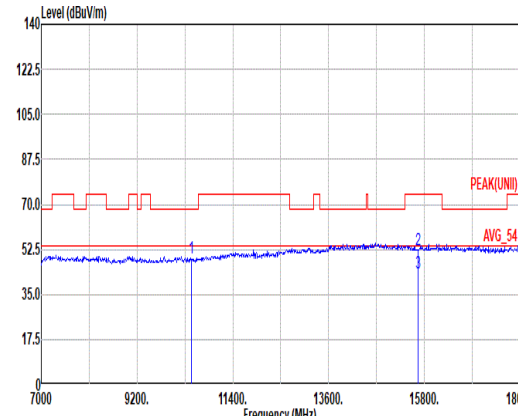


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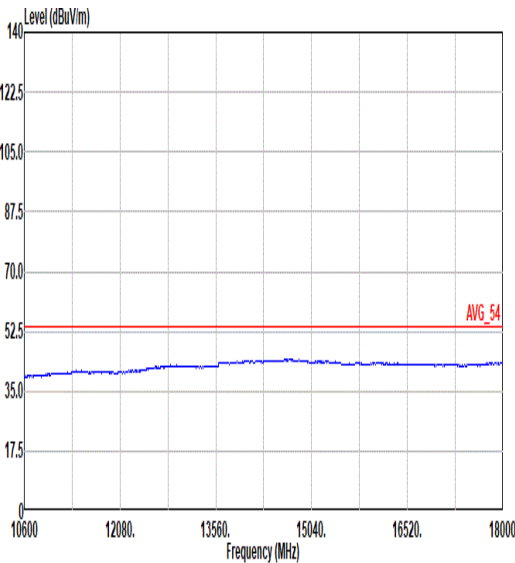
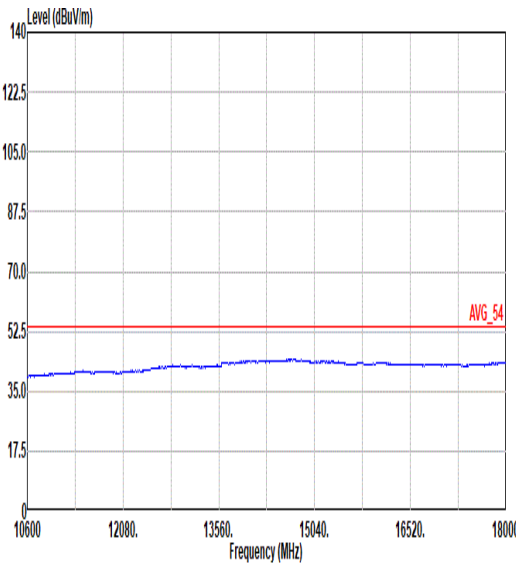


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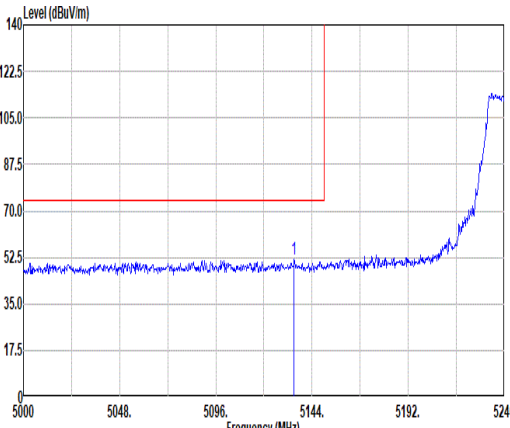
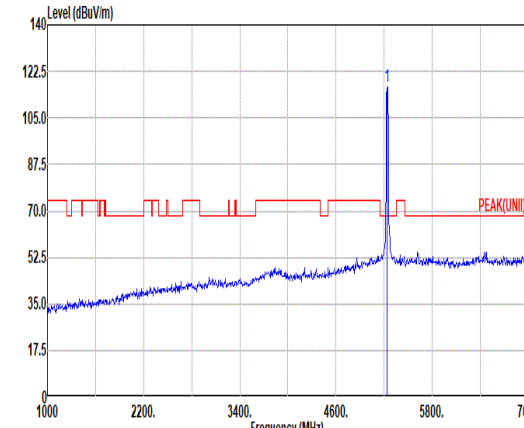
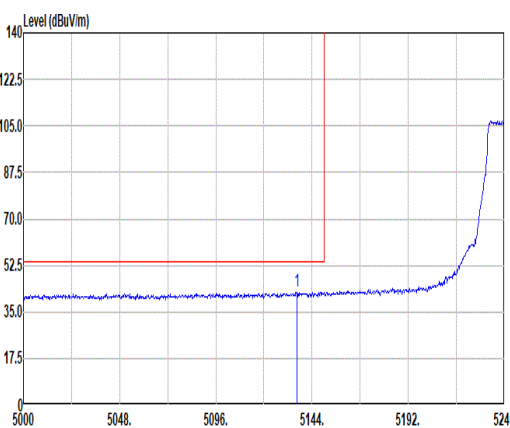
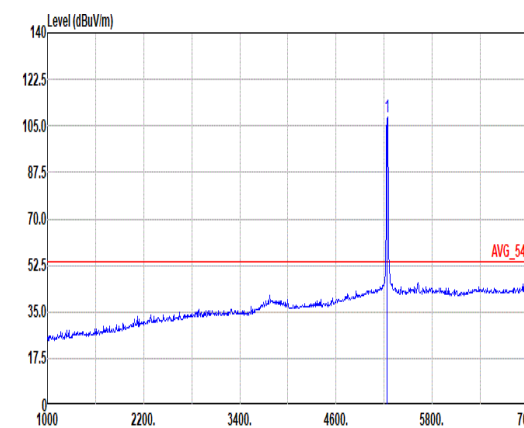


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Pol.	Horizontal																																																																													
Peak Avg																																																																														
	Site : 03CH21-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL																																																																													
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Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	0	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 VERTICAL

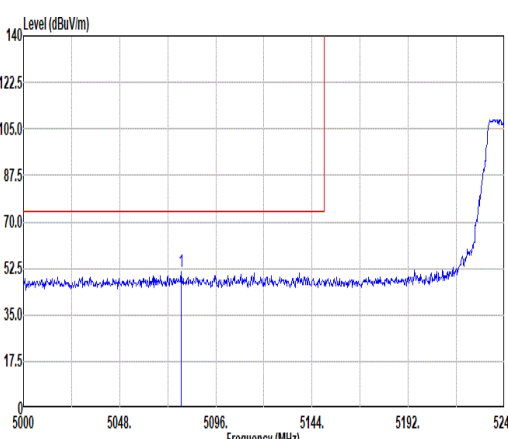
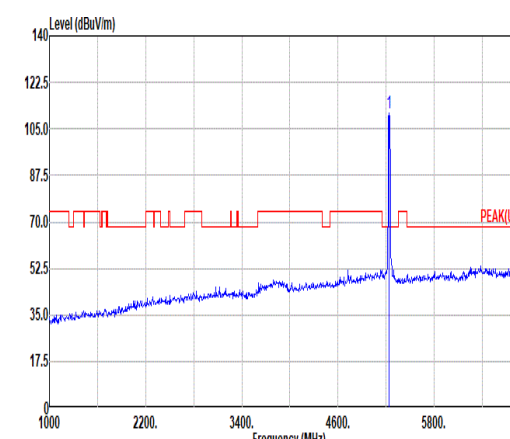
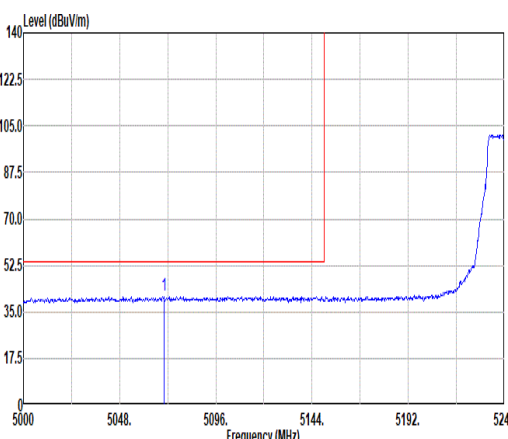
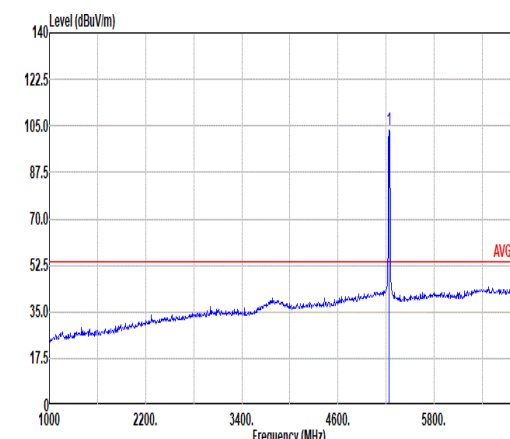


Mode	3																																																													
	Band Edge - L																																																													
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz																																																													
ANT	0																																																													
Pol.	Horizontal						Fundamental																																																							
Peak																																																														
	Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><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 colspan="3">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>Factor</th><th></th><th></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><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>5135.12</td><td>51.70</td><td>74.00</td><td>-22.30</td><td>40.83</td><td>32.60</td><td>12.47</td><td>34.20</td><td>0.00</td><td>184</td><td>199</td><td>PEAK</td></tr></tbody></table>													Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark			Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor								MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg			1	5135.12	51.70	74.00	-22.30	40.83	32.60	12.47	34.20	0.00	184	199
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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																					
Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor																																																								
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	Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><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 colspan="3">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>Factor</th><th></th><th></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><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>5240.00</td><td>108.53</td><td>-----</td><td>-----</td><td>97.69</td><td>32.60</td><td>12.63</td><td>34.39</td><td>0.00</td><td>184</td><td>199</td><td>AVERAGE</td></tr></tbody></table>													Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark			Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor								MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg			1	5240.00	108.53	-----	-----	97.69	32.60	12.63	34.39	0.00	184	199
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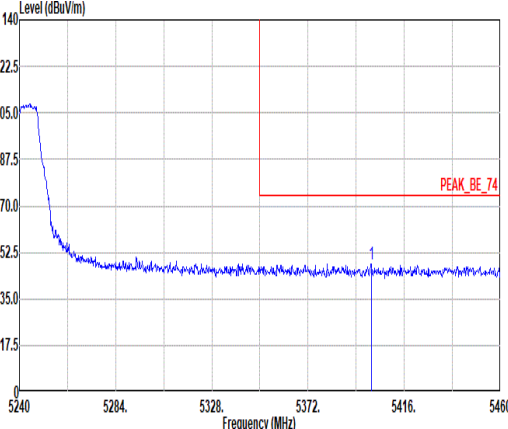
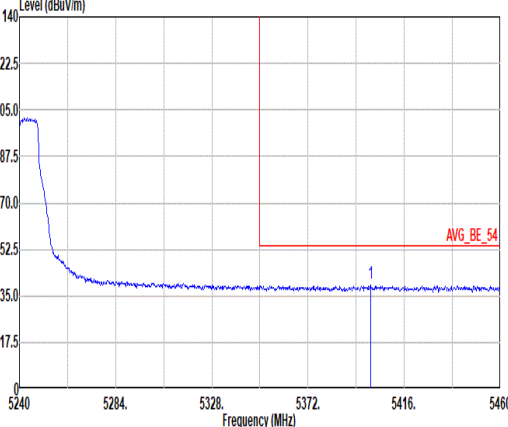


Mode	3																																								
	Band Edge - R																																								
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz																																								
ANT	0																																								
Pol.	Horizontal	Fundamental																																							
Peak	Site : 03CH21-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL : 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>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>5386.96</td><td>51.32</td><td>74.00</td><td>-22.68</td><td>40.72</td><td>32.40</td><td>12.84</td><td>34.64</td><td>0.00</td><td>184</td><td>199</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	5386.96	51.32	74.00	-22.68	40.72	32.40	12.84	34.64	0.00	184	199	PEAK	Blank
Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																													
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Avg	Site : 03CH21-HY Condition: AVG_BE_54 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL : 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>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>5354.62</td><td>42.25</td><td>54.00</td><td>-11.75</td><td>31.64</td><td>32.40</td><td>12.79</td><td>34.58</td><td>0.00</td><td>184</td><td>199</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	5354.62	42.25	54.00	-11.75	31.64	32.40	12.79	34.58	0.00	184	199	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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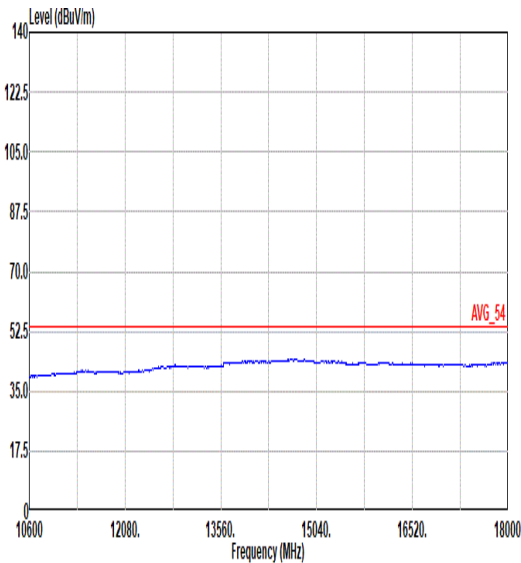
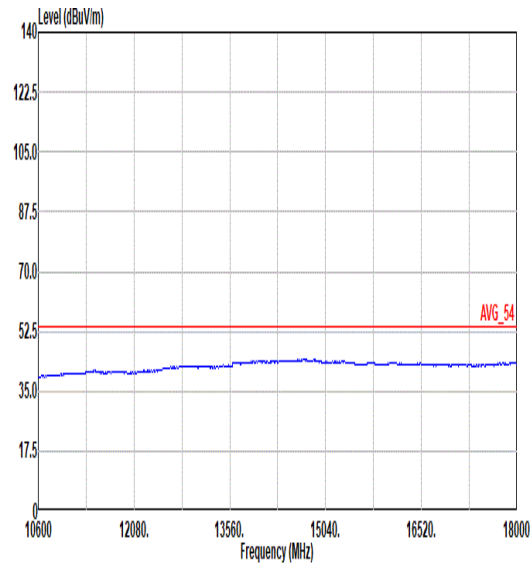


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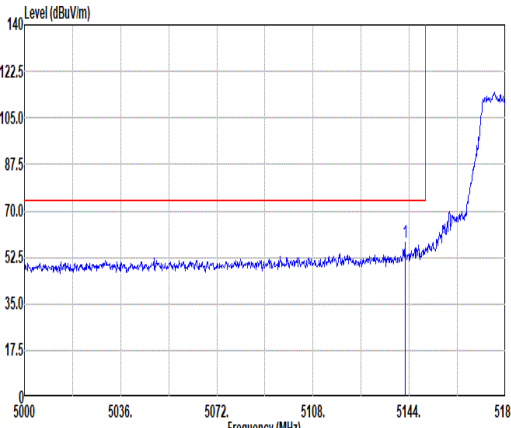
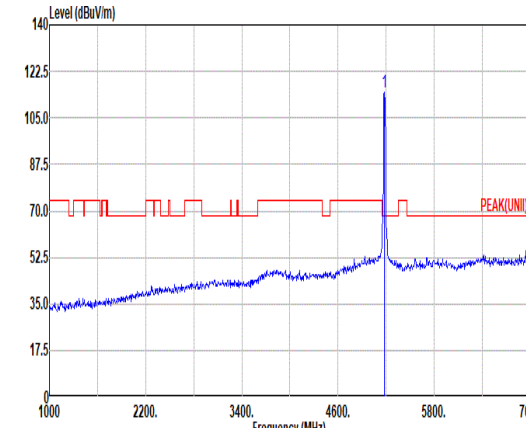
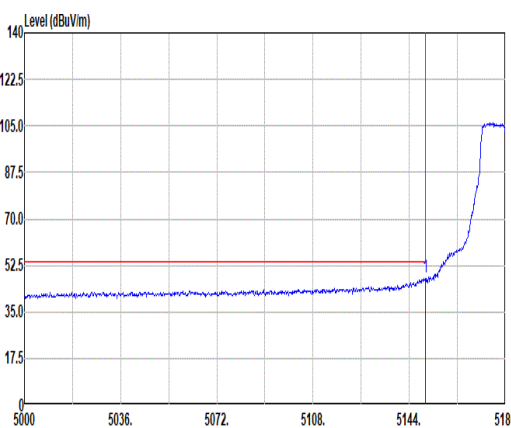
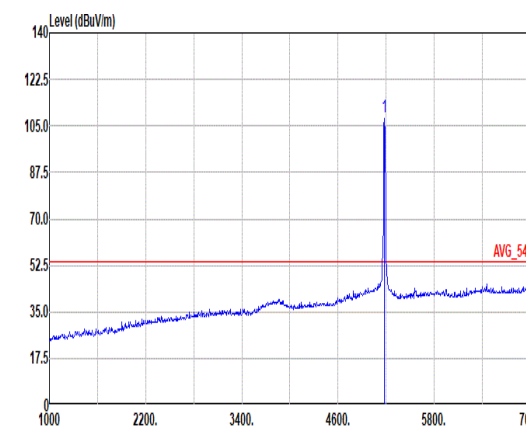


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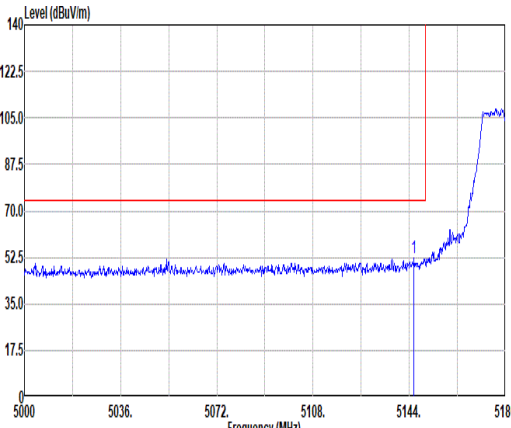
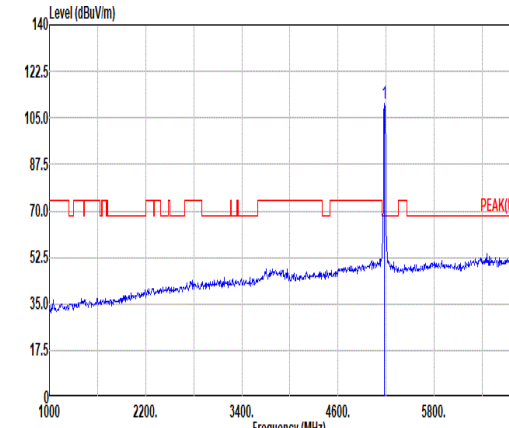
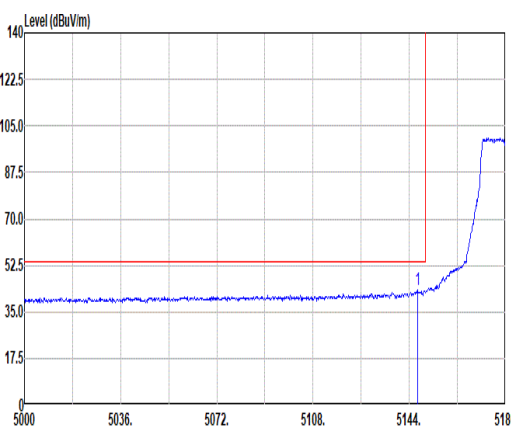
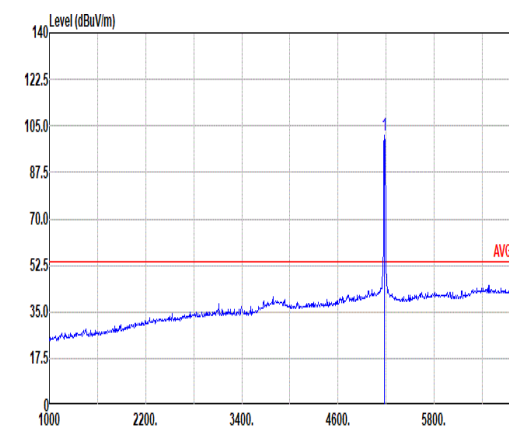


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Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 VERTICAL

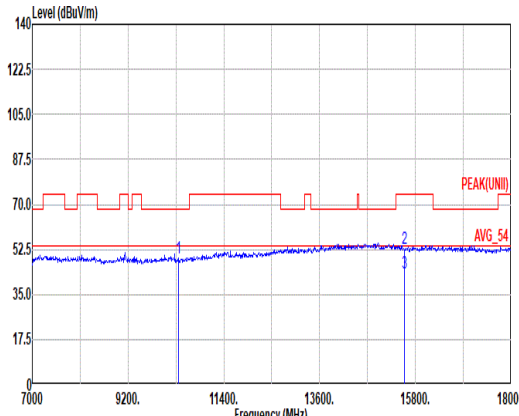
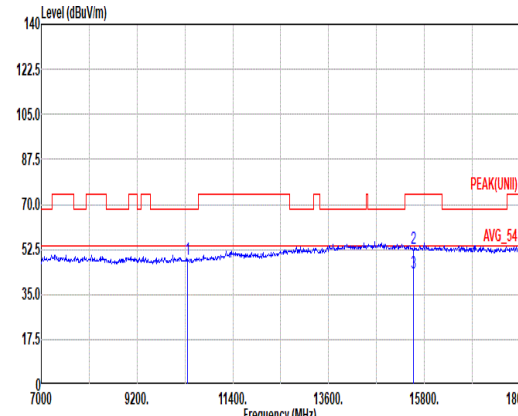


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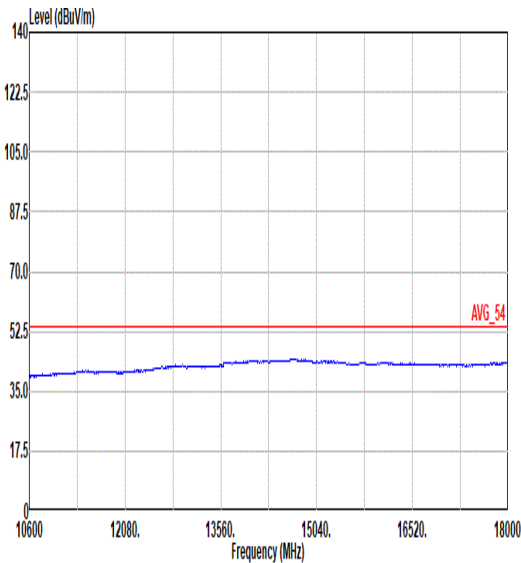
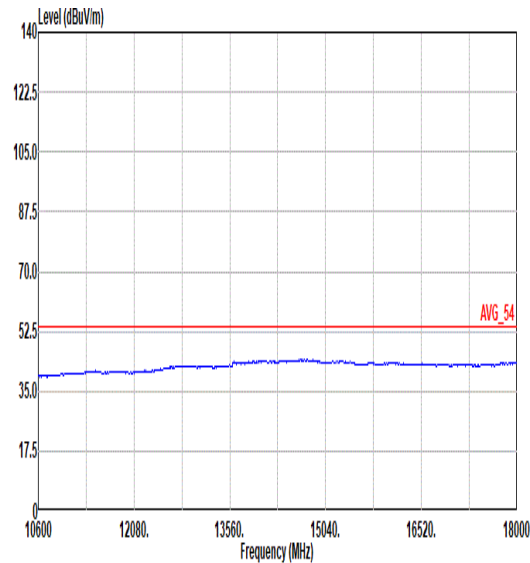


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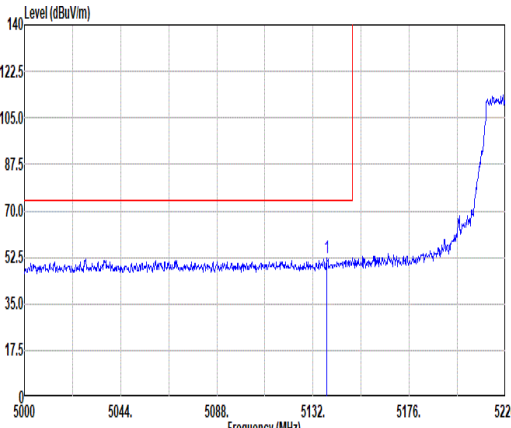
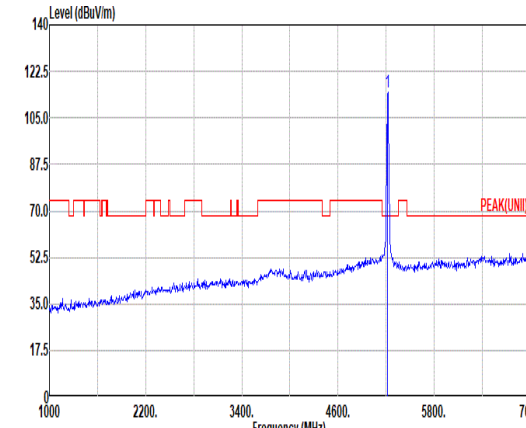
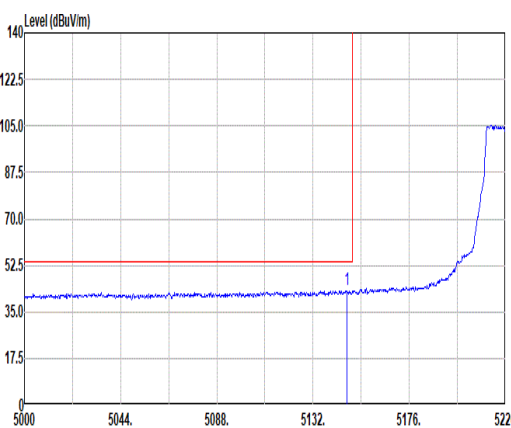
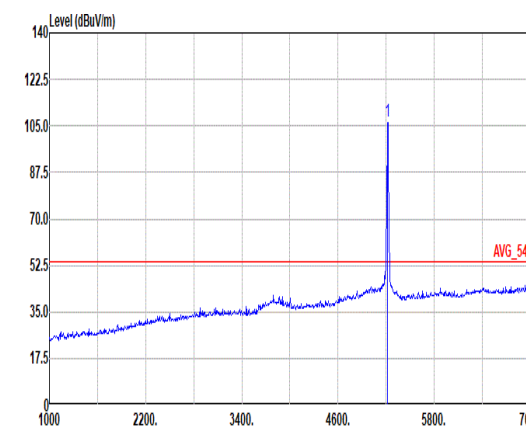


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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																					
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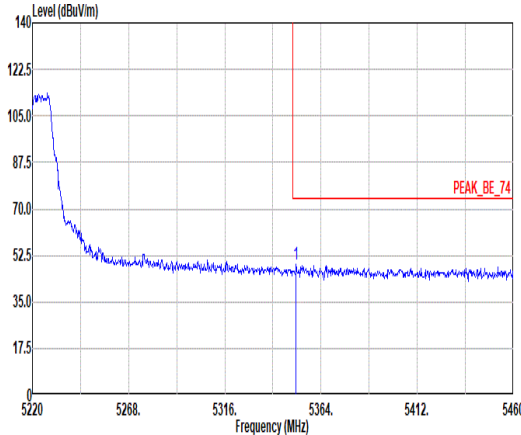
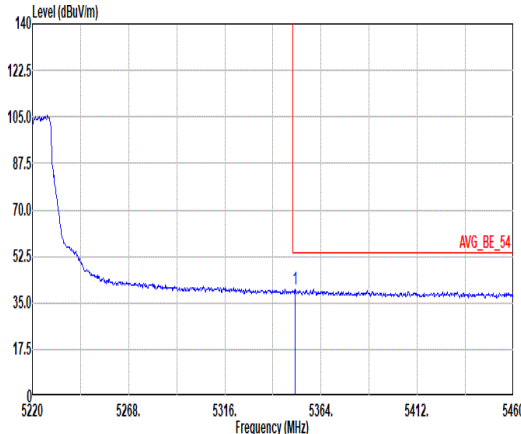


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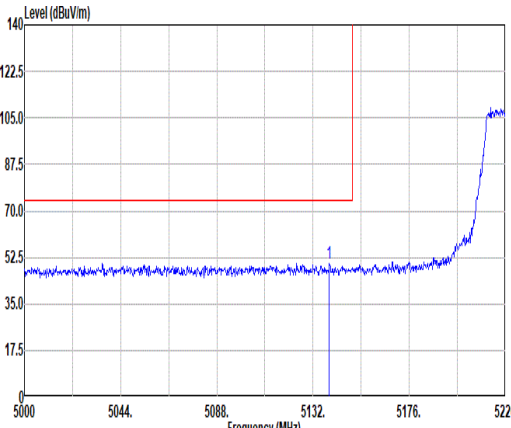
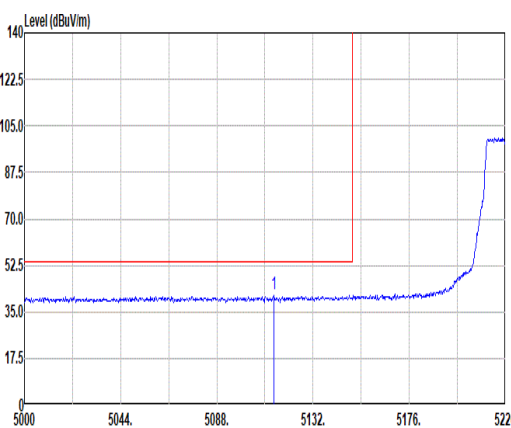
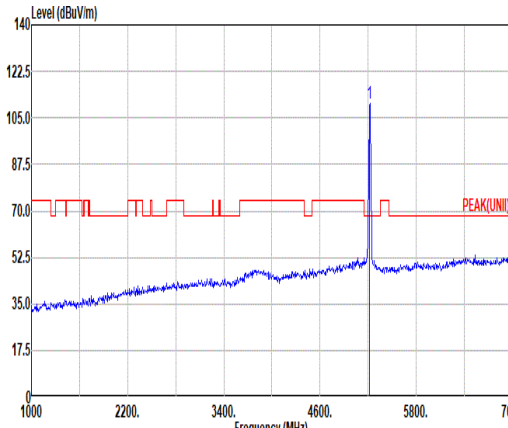
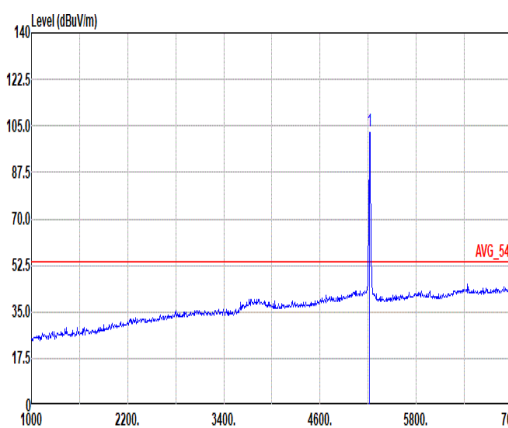


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ANT	0																																																																																																		
Pol.	Horizontal						Fundamental																																																																																												
Peak																																																																																																			
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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																											
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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																											
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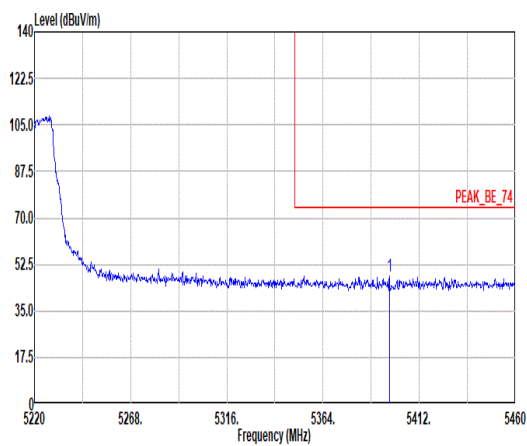
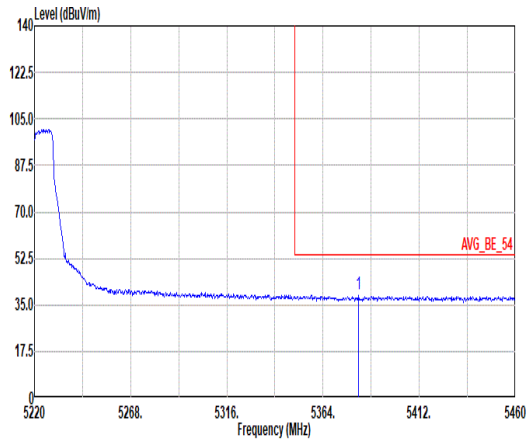


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Pol.	Horizontal						Fundamental																																												
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Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																							
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg																																								
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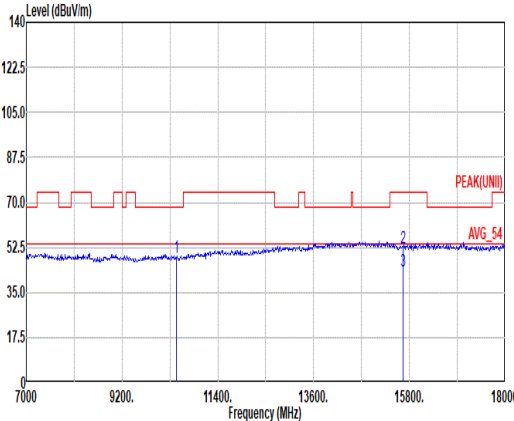
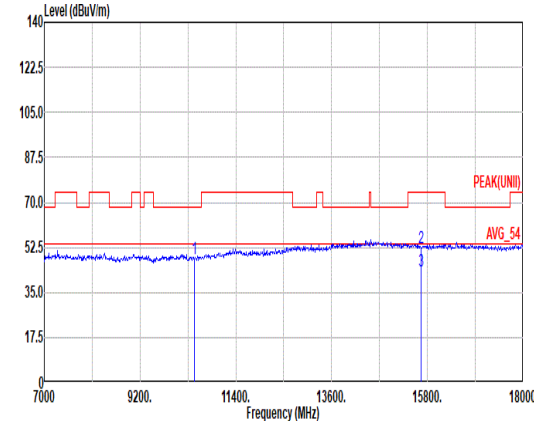


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Pol.	Vertical						Fundamental																																																				
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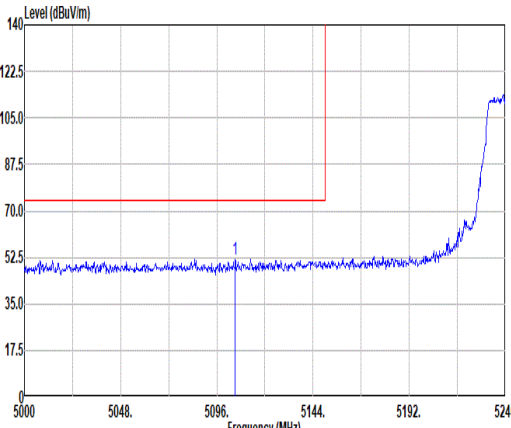
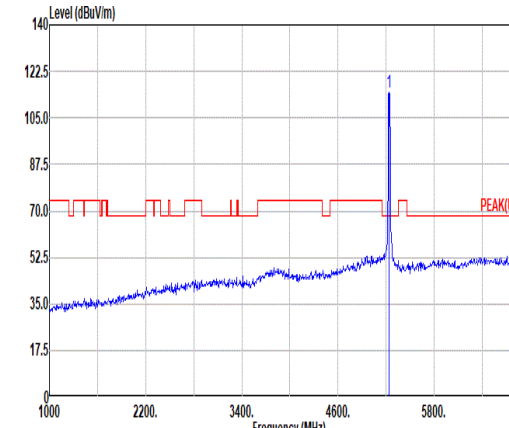
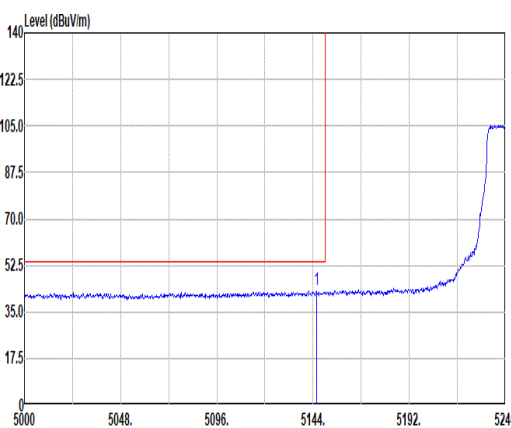
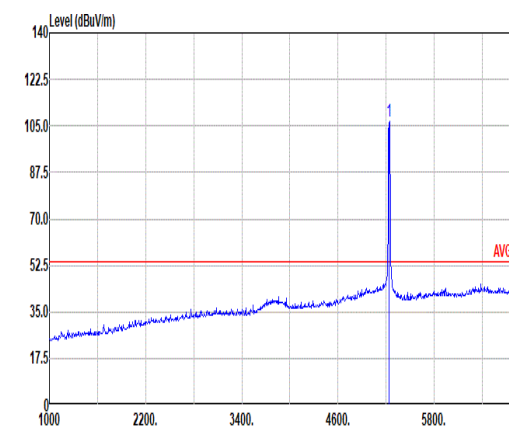


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ANT	0																																																																												
Pol.	Horizontal						Vertical																																																																						
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Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH44_5220MHz	
ANT	0	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL	Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 VERTICAL



Mode	6																																																																																																				
	Band Edge - L																																																																																																				
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Pol.	Horizontal						Fundamental																																																																																														
Peak																																																																																																					
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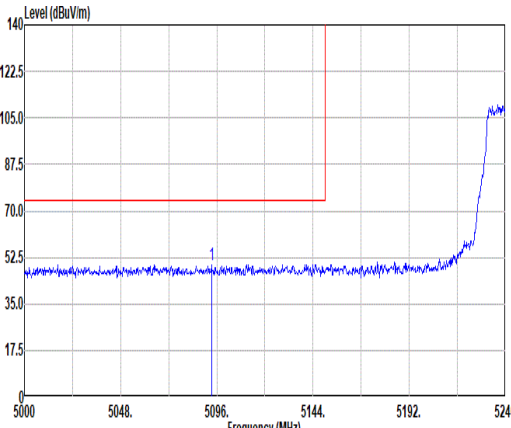
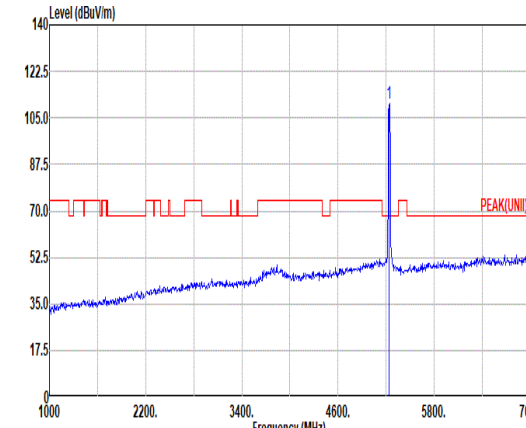
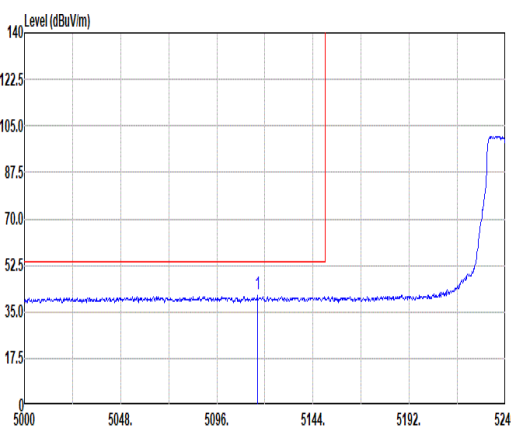
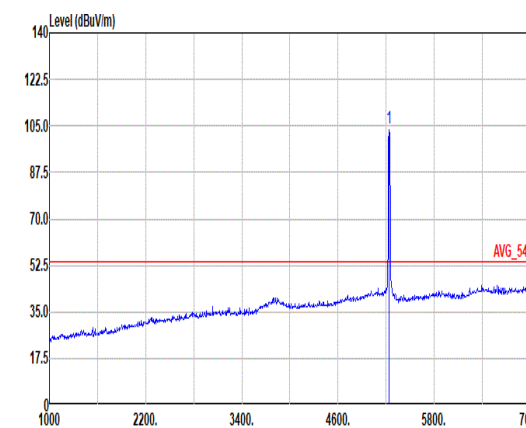


FCC RADIO TEST REPORT

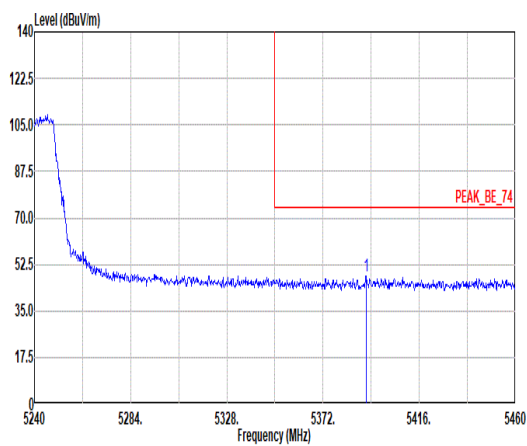
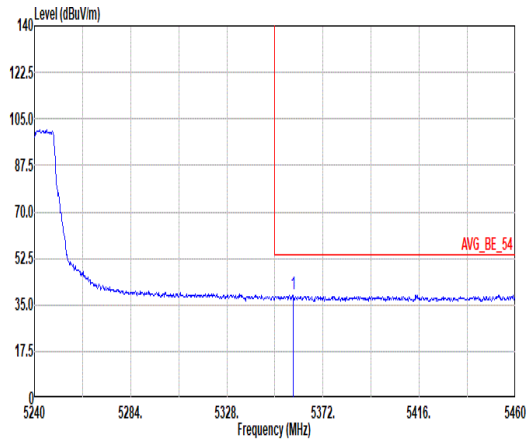
Report No. : FR422010D

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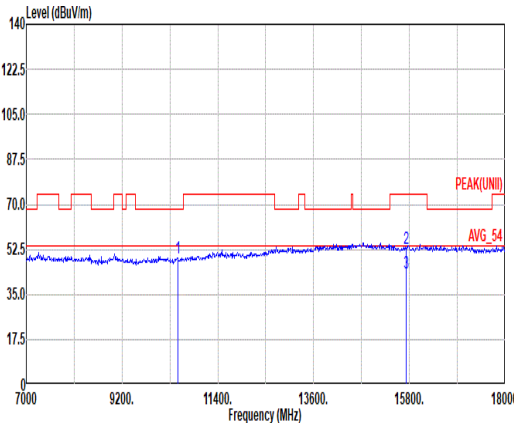
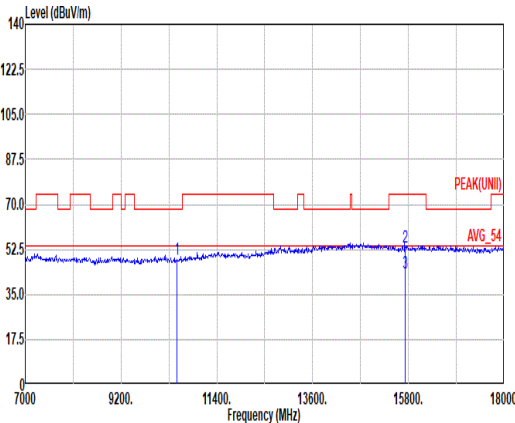


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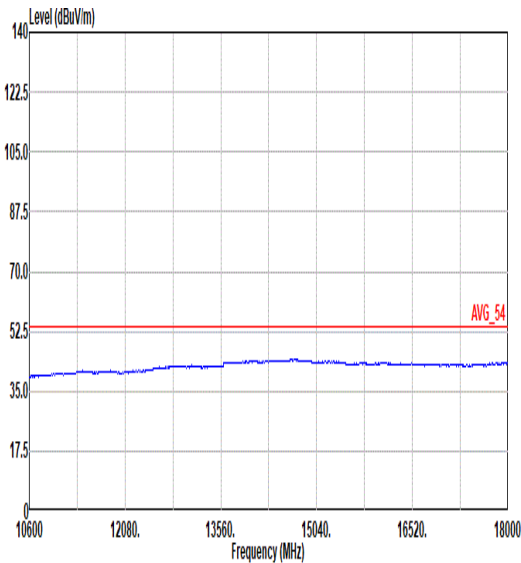
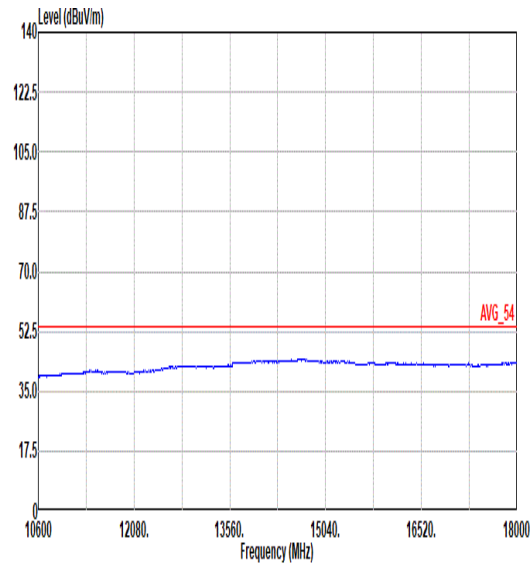


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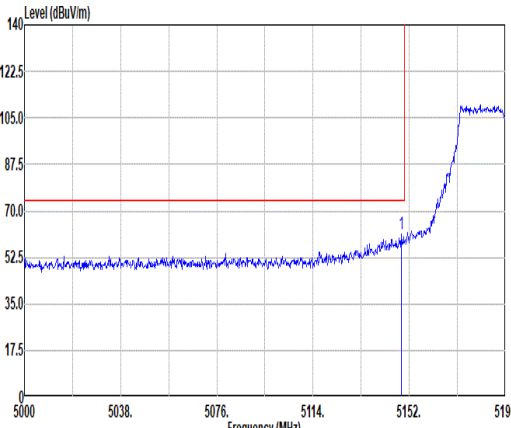
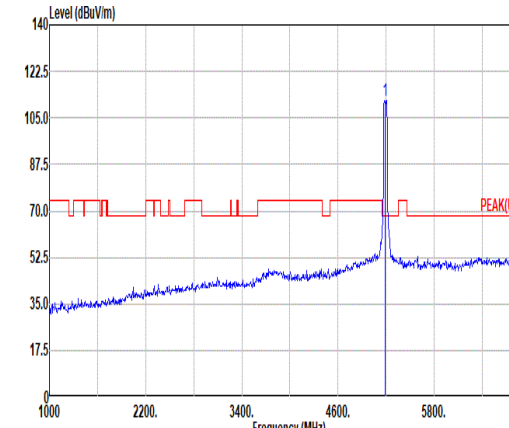
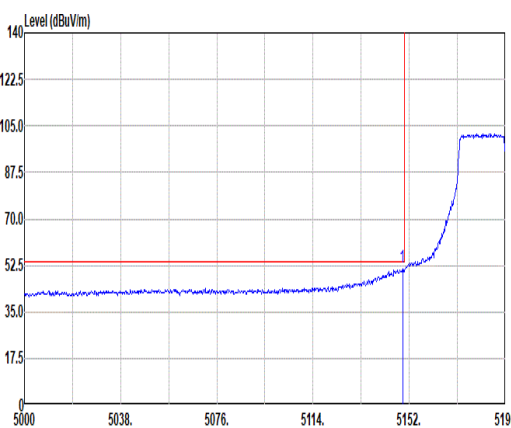
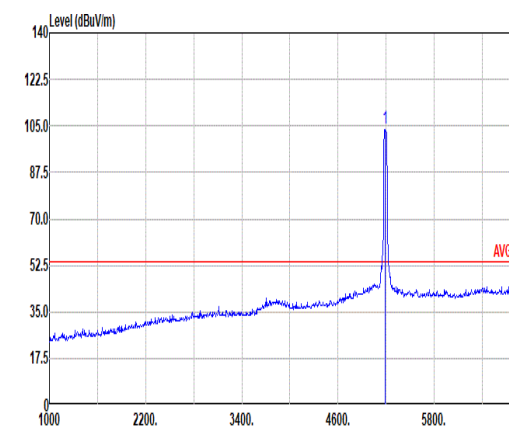


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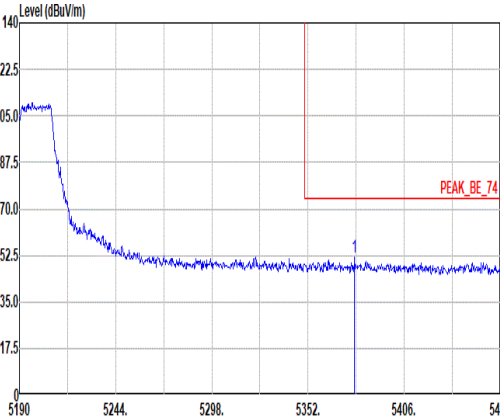
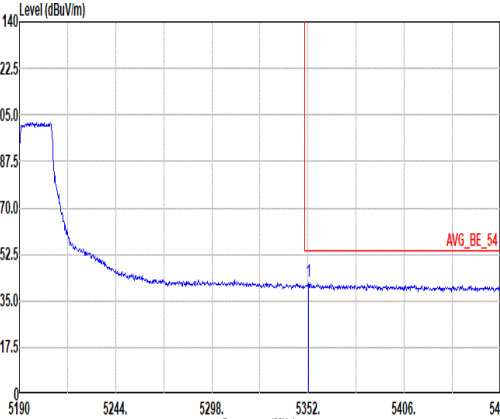


Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH48_5240MHz	
ANT	0	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 HORIZONTAL	 Site : 03CH21-HY Condition: AVG_54 3m DRH18-E_LE2C03A18EN_230712 VERTICAL



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