



FCC RADIO TEST REPORT

FCC ID : A4RGX7AS
Equipment : Phone
Model Name : GX7AS, GB17L
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Nov. 11, 2021 and testing was performed from Nov. 16, 2021 to Jan. 11, 2022. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



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History of this test report

Report No.	Version	Description	Issue Date
FR161608-05E	01	Initial issue of report	Jan. 14, 2022
FR161608-05E	02	<ol style="list-style-type: none">1. Revise appendix A and C2. Revise Test Mode3. Revise description for Antenna Requirements	Feb. 22, 2022



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	1.69 dB under the limit at 5452.300 MHz
3.5	15.207	AC Conducted Emission	Pass	17.35 dB under the limit at 1.399 MHz
3.6	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

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

Reviewed by: William Chen

Report Producer: Clio Lo



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	GX7AS, GB17L
FCC ID	A4RGX7AS
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE

Remark:

1. The above EUT's information was declared by manufacturer.
2. All the tests were performed with GX7AS.

EUT Information List	
S/N	Performed Test Item
1A261FQGR00062	RF Conducted Measurement
1A291FQGR00028	Radiated Spurious Emission
1A281FQGR00002	Conducted Emission



1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power	<p>MIMO <Ant. 4+3> <5180 MHz ~ 5240 MHz> 802.11a: 22.96 dBm / 0.1977 W 802.11n HT20: 22.86 dBm / 0.1932 W 802.11n HT40: 21.47 dBm / 0.1403 W 802.11ac VHT20: 22.76 dBm / 0.1888 W 802.11ac VHT40: 21.37 dBm / 0.1371 W 802.11ac VHT80: 18.92 dBm / 0.0780 W 802.11ac VHT160: 16.34 dBm / 0.0431 W 802.11ax HE20: 22.66 dBm / 0.1845 W 802.11ax HE40: 21.27 dBm / 0.1340 W 802.11ax HE80: 18.82 dBm / 0.0762 W 802.11ax HE160: 16.44 dBm / 0.0441 W</p> <p><5260 MHz ~ 5320 MHz> 802.11a: 22.71 dBm / 0.1866 W 802.11n HT20: 22.72 dBm / 0.1871 W 802.11n HT40: 21.53 dBm / 0.1422 W 802.11ac VHT20: 22.62 dBm / 0.1828 W 802.11ac VHT40: 21.43 dBm / 0.1390 W 802.11ac VHT80: 17.71 dBm / 0.0590 W 802.11ax HE20: 22.52 dBm / 0.1786 W 802.11ax HE40: 21.33 dBm / 0.1358 W 802.11ax HE80: 17.61 dBm / 0.0577 W</p> <p><5500 MHz ~ 5720 MHz> 802.11a: 22.71 dBm / 0.1866 W 802.11n HT20: 22.61 dBm / 0.1824 W 802.11n HT40: 21.56 dBm / 0.1432 W 802.11ac VHT20: 22.51 dBm / 0.1782 W 802.11ac VHT40: 21.46 dBm / 0.1400 W 802.11ac VHT80: 21.57 dBm / 0.1435 W 802.11ac VHT160: 17.86 dBm / 0.0611 W 802.11ax HE20: 22.41 dBm / 0.1742 W 802.11ax HE40: 21.36 dBm / 0.1368 W 802.11ax HE80: 21.47 dBm / 0.1403 W 802.11ax HE160: 17.96 dBm / 0.0625 W</p>
99% Occupied Bandwidth	<p>MIMO <Ant. 4> 802.11a: 18.43 MHz 802.11n HT20: 19.78 MHz 802.11n HT40: 37.96 MHz 802.11ac VHT80: 76.36 MHz 802.11ax HE160: 157.04 MHz</p> <p>MIMO <Ant. 3> 802.11a: 17.83 MHz 802.11n HT20: 18.73 MHz 802.11n HT40: 37.76 MHz 802.11ac VHT80: 76.64 MHz 802.11ax HE160: 157.04 MHz</p>



Product Specification is subject to this standard								
Antenna Type / Gain	<p><5180 MHz ~ 5240 MHz> <Ant. 4>: IFA Antenna with gain -1.9 dBi <Ant. 3>: IFA Antenna with gain -1.7 dBi <5260 MHz ~ 5320 MHz> <Ant. 4>: IFA Antenna with gain -1.8 dBi <Ant. 3>: IFA Antenna with gain -1.8 dBi <5500 MHz ~ 5720 MHz> <Ant. 4>: IFA Antenna with gain -2.1 dBi <Ant. 3>: IFA Antenna with gain -1.8 dBi</p>							
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11ax : OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)							
Antenna Function Description	<table border="1"> <thead> <tr> <th></th> <th>Ant. 4</th> <th>Ant. 3</th> </tr> </thead> <tbody> <tr> <td>802.11a/n/ac/ax MIMO</td> <td>V</td> <td>V</td> </tr> </tbody> </table>			Ant. 4	Ant. 3	802.11a/n/ac/ax MIMO	V	V
	Ant. 4	Ant. 3						
802.11a/n/ac/ax MIMO	V	V						

Remark:

1. MIMO Ant. 4+3 Directional Gain is a calculated result from MIMO Ant. 4 and MIMO Ant. 3. The formula used in calculation is documented in section 3.6.
2. Power of MIMO Ant. 4 + Ant. 3 is a calculated result from sum of the power MIMO Ant. 4 and MIMO Ant. 3.
3. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.3 Modification of EUT

No modifications made to the EUT during the testing.



1.4 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.

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, 03CH15-HY

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

FCC designation No.: TW1190 and TW3786

1.5 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). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Z plane with Adapter as worst plane.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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



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

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

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

Note:

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



2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU but does not support 2x996-tone RU on 160MHz channel.

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

The final test modes consider the modulation and the worst data rates as shown in the table below.

MIMO Mode

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



Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + WLAN (5GHz) Link + Bluetooth Link + USB Cable 2 (Charging from AC Adapter 2)
Remark: For Radiated Test Cases, the tests were performed with Adapter 1 and USB Cable 2.	

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
		802.11n HT20	802.11n HT20	802.11n HT20
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
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

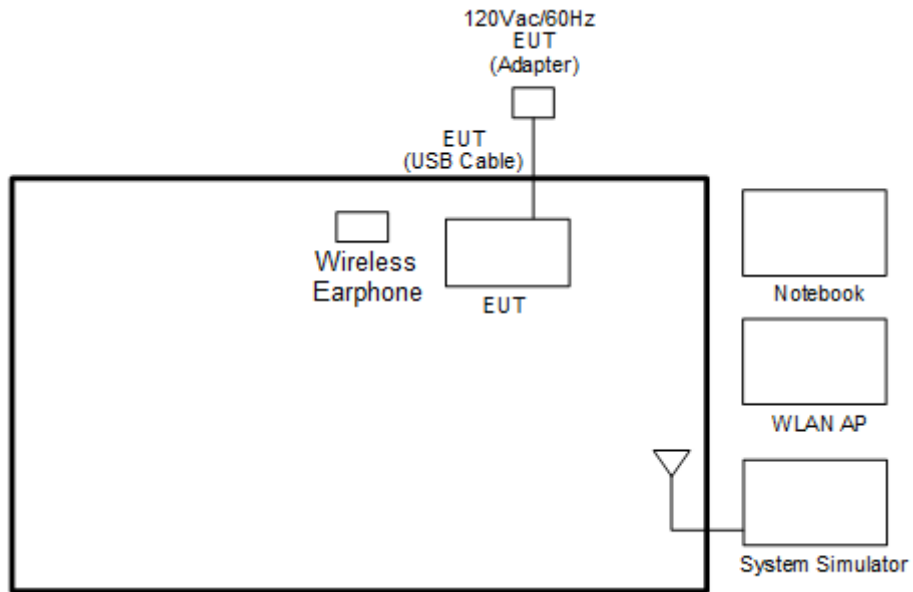
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

BW160	5150-5350 MHz	5470-5725MHz
	802.11ax HE160	802.11ax HE160
Ch. #	50	114

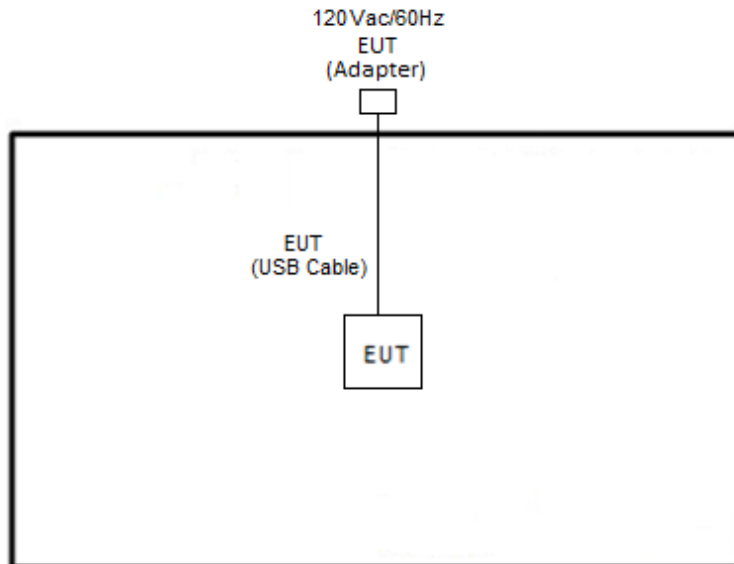
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>





2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System simulator	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Wireless Earphone	Google	G1007/G1008	A4RG1007/ A4RG1008	N/A	N/A
3.	WLAN AP	NETGEAR64	RAXE500	N/A	N/A	Unshielded,1.8m
4.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility “Command v10.0.17134.134” 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.

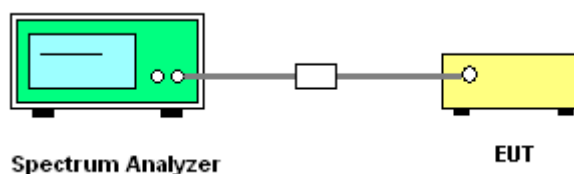
3.1.2 Measuring Instruments

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

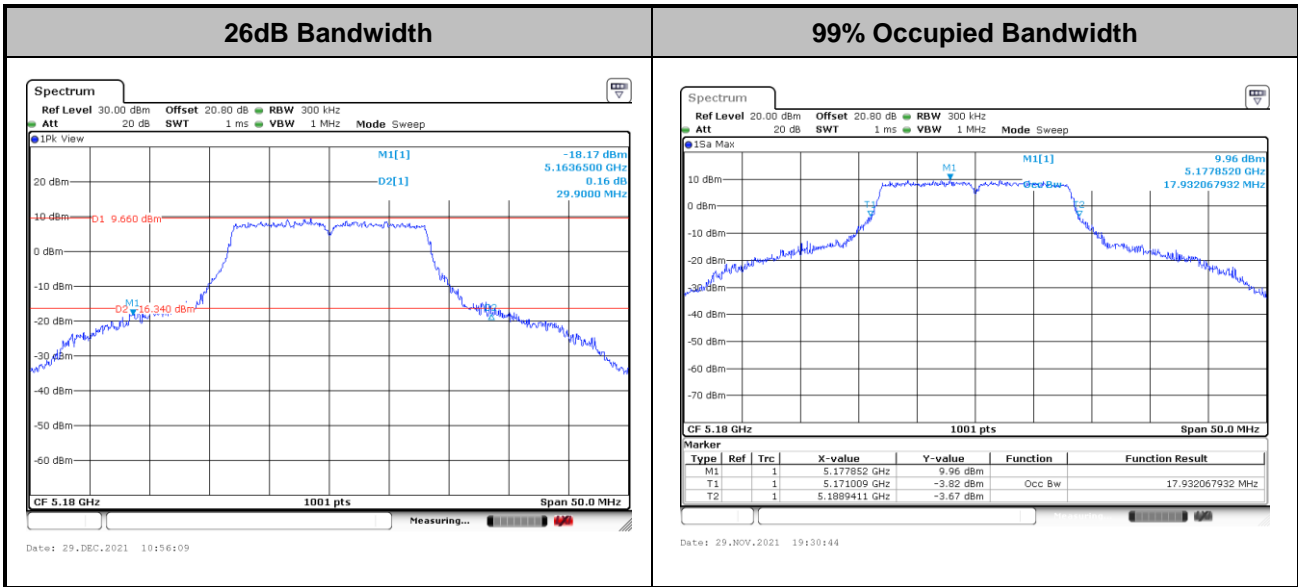


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

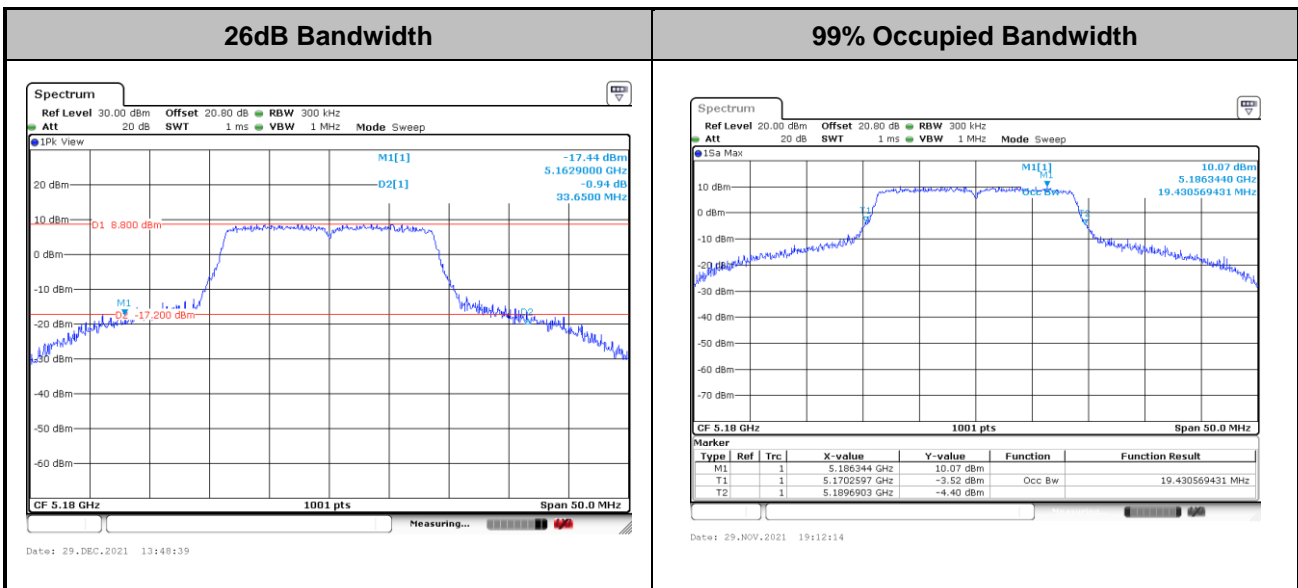


<802.11a>



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

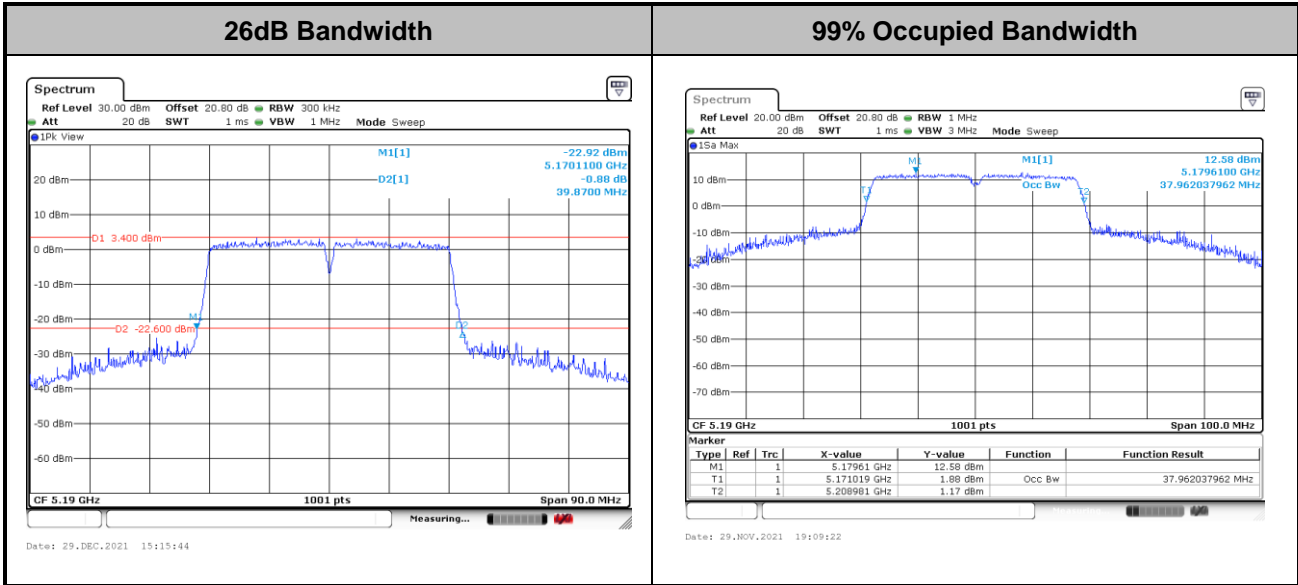
<802.11n HT20>



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

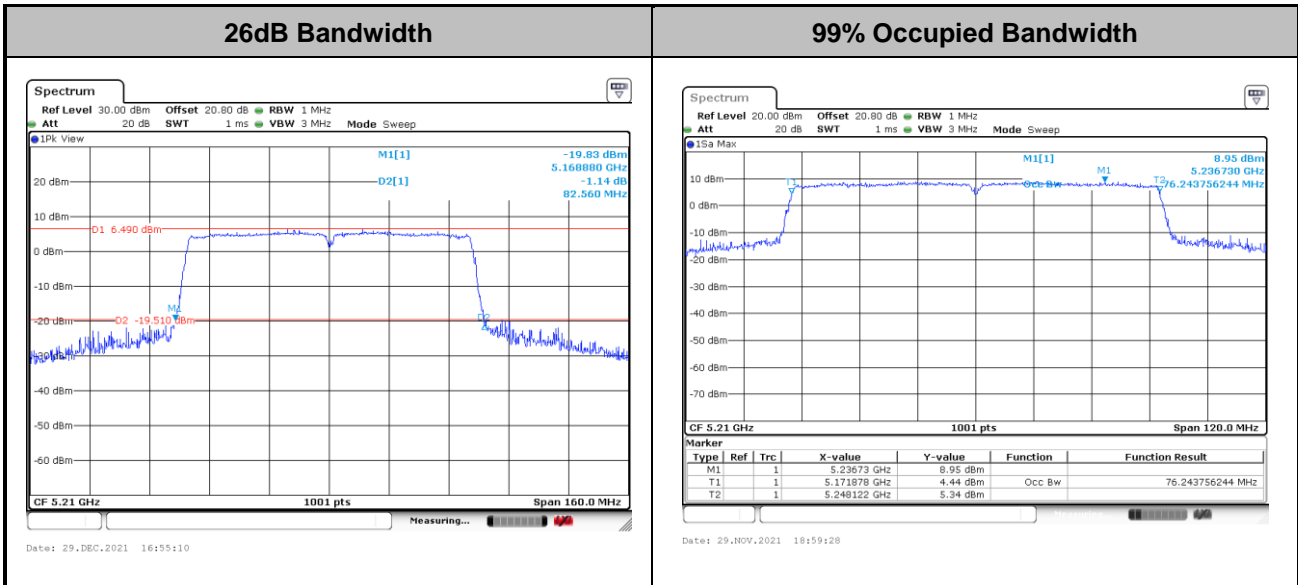


<802.11n HT40>



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

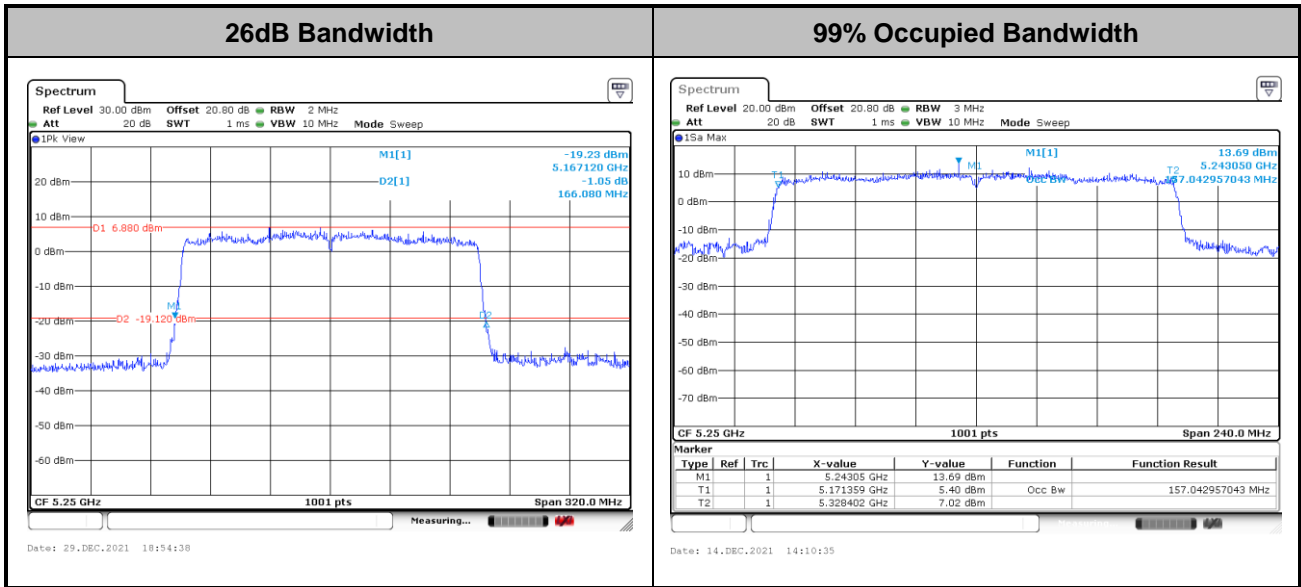
<802.11ac VHT80>



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



<802.11ax HE160>



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



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 mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 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

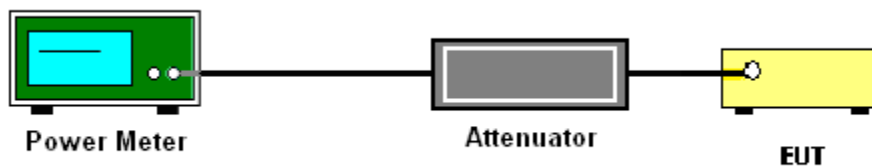
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

Method SA-2

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

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

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

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

3.3.4 Test Setup

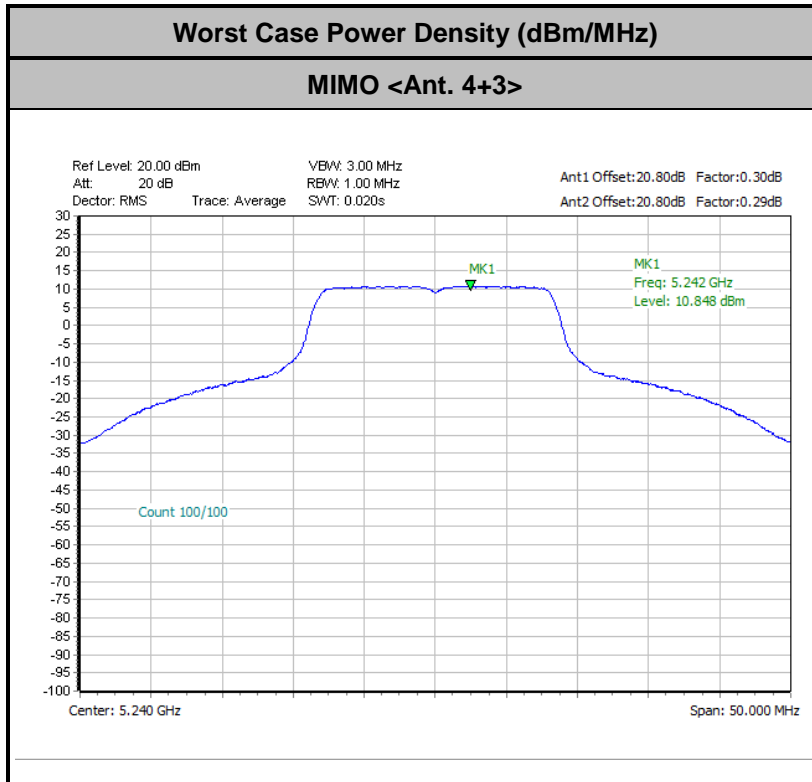


3.3.5 Test Result of Power Spectral Density

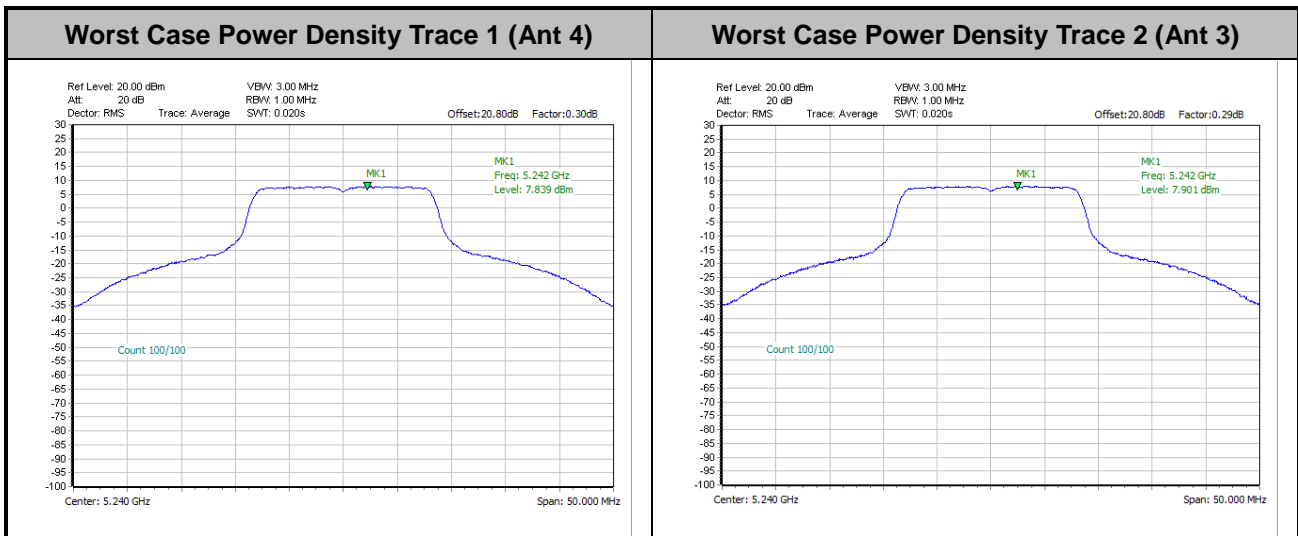
Please refer to Appendix A.



<802.11a>

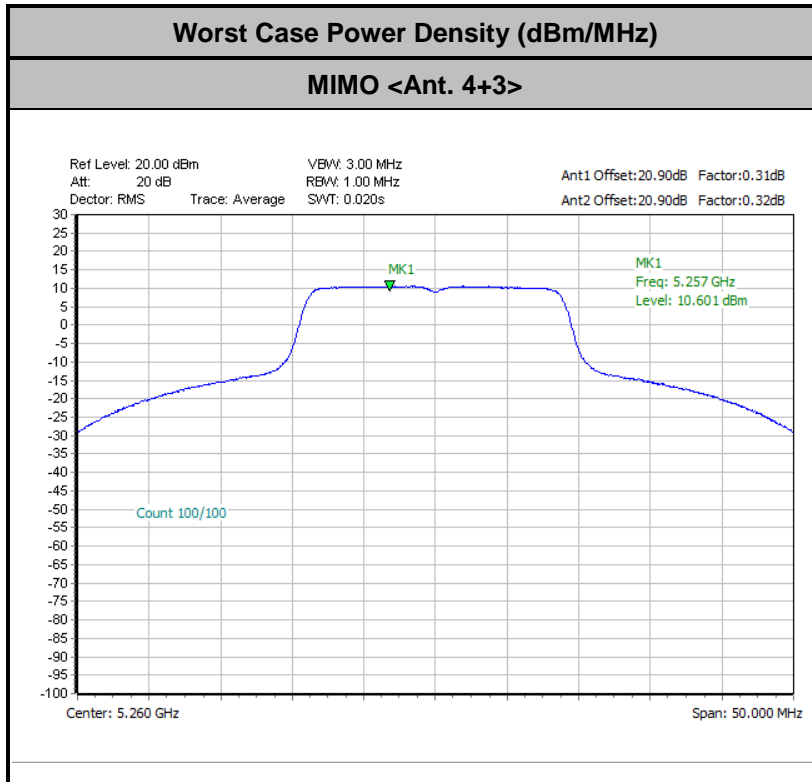


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

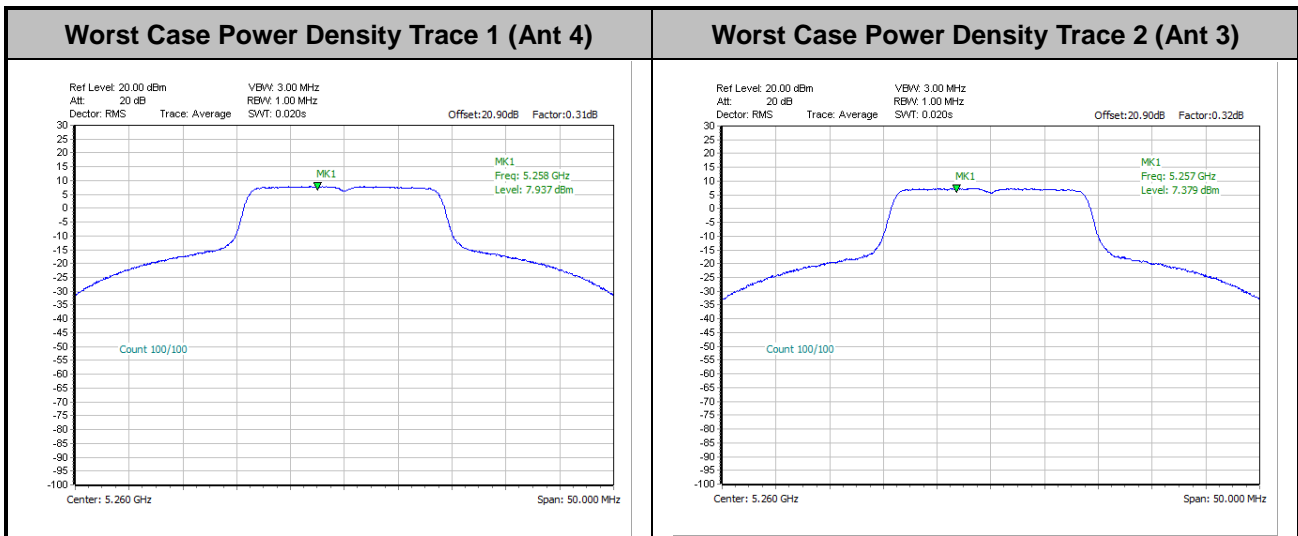




<802.11n HT20>

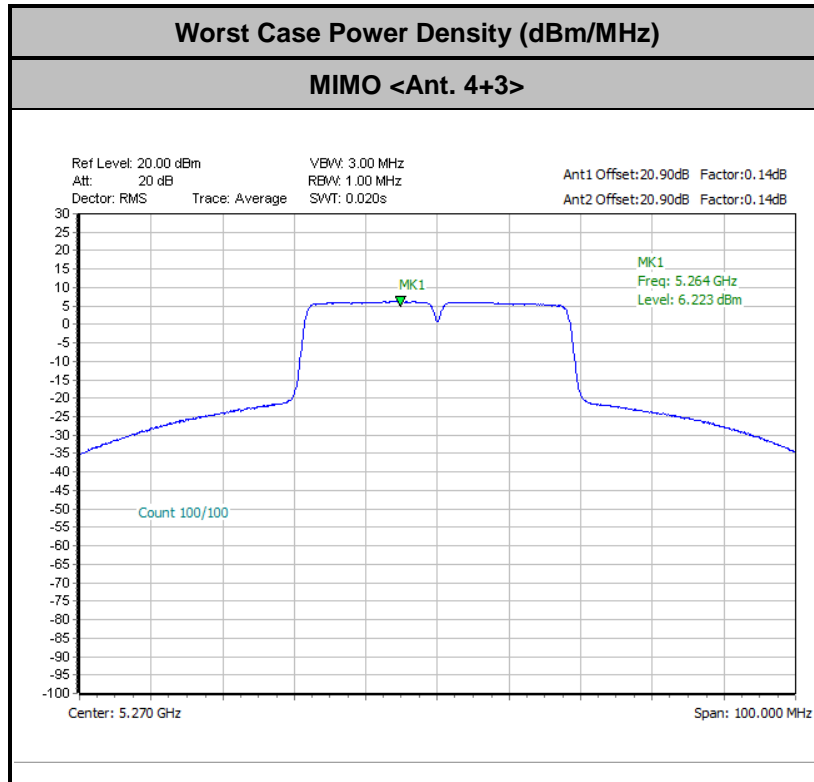


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

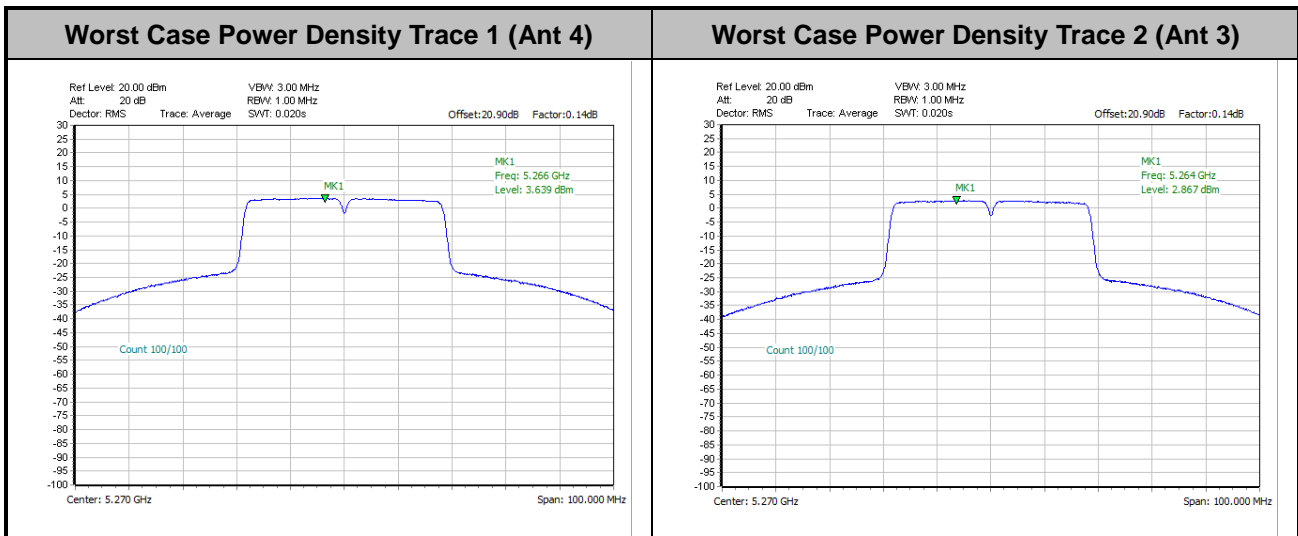




<802.11n HT40>

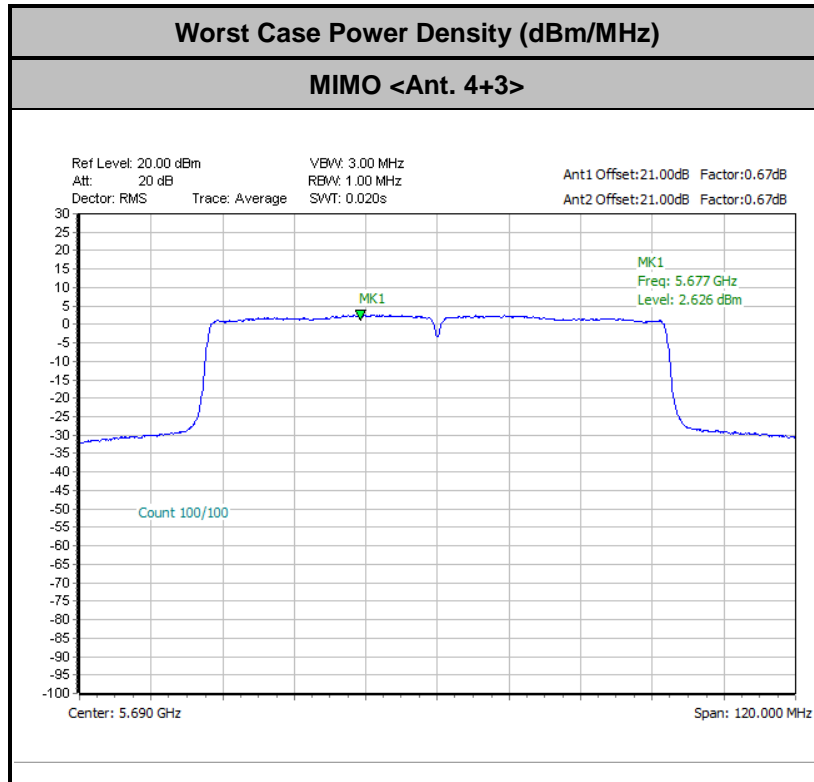


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

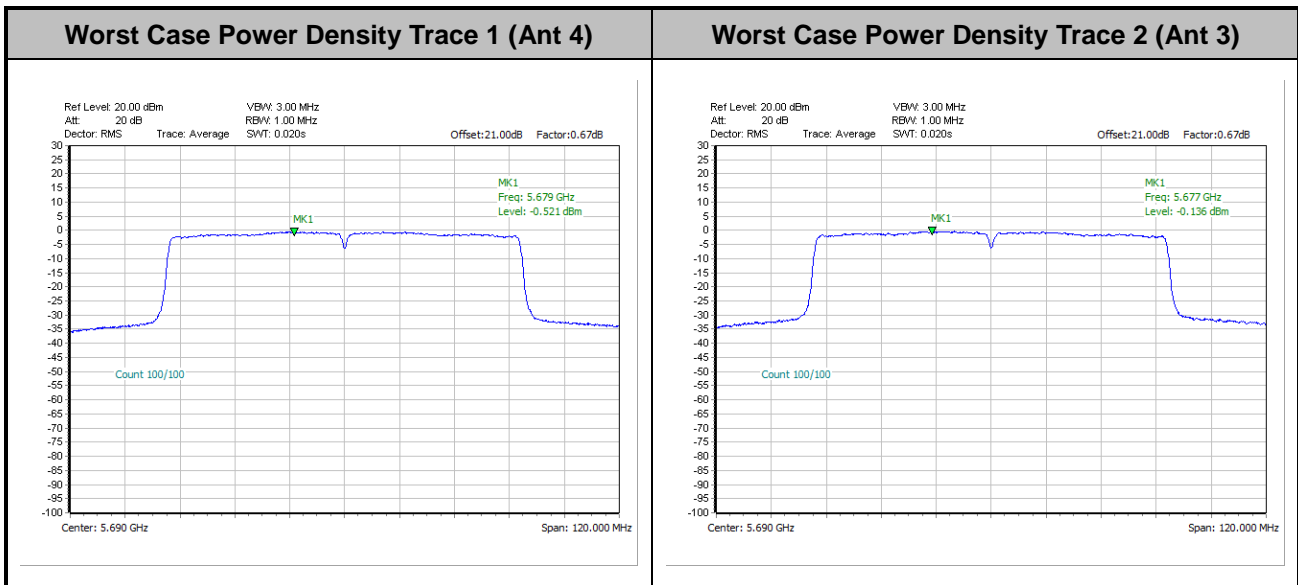




<802.11ac VHT80>

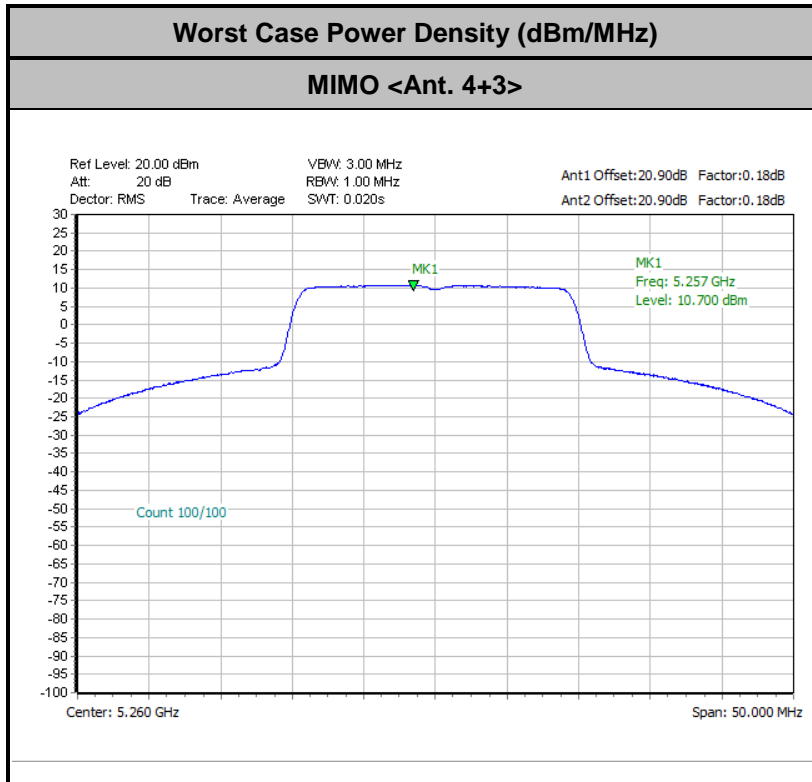


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

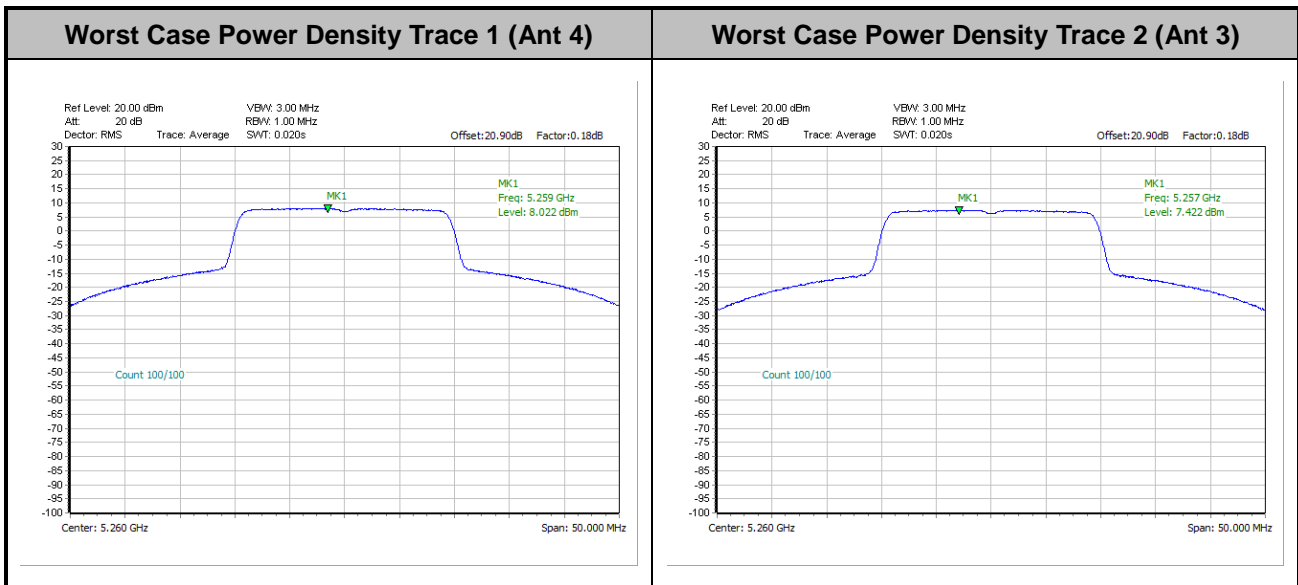




<802.11ax HE20>

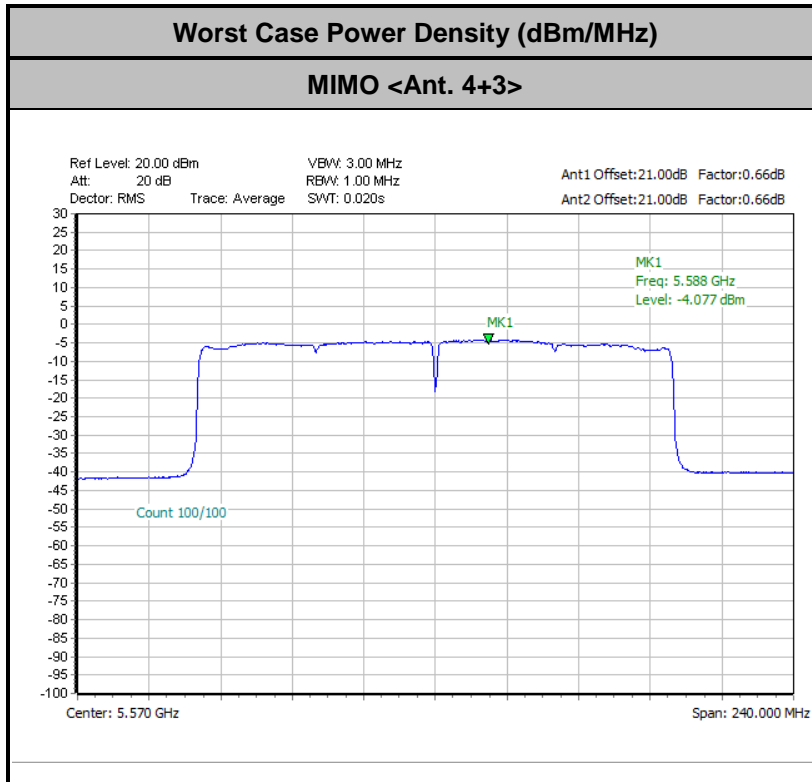


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

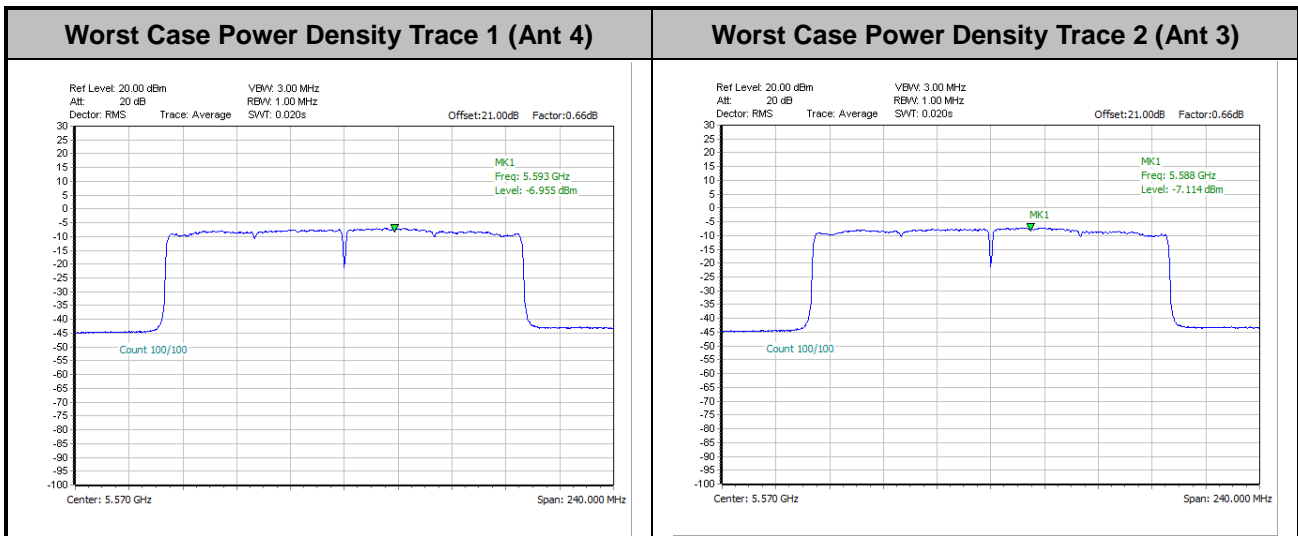




<802.11ax HE160>



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





3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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



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

(3) 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 ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

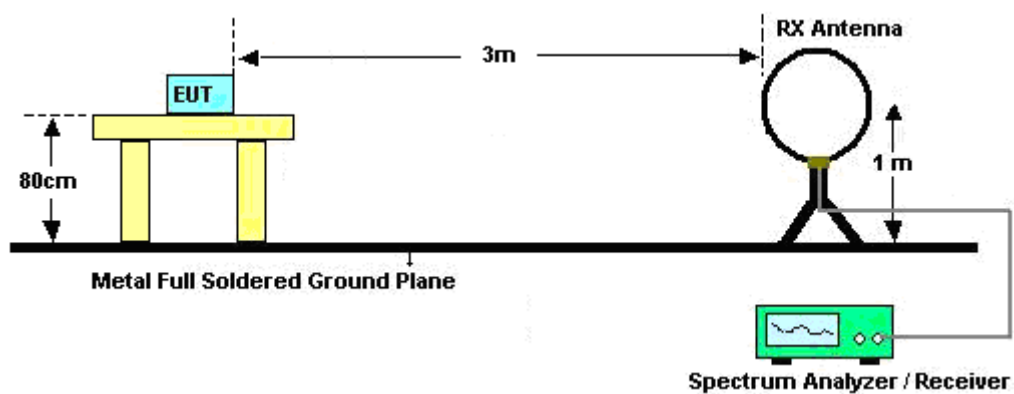
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

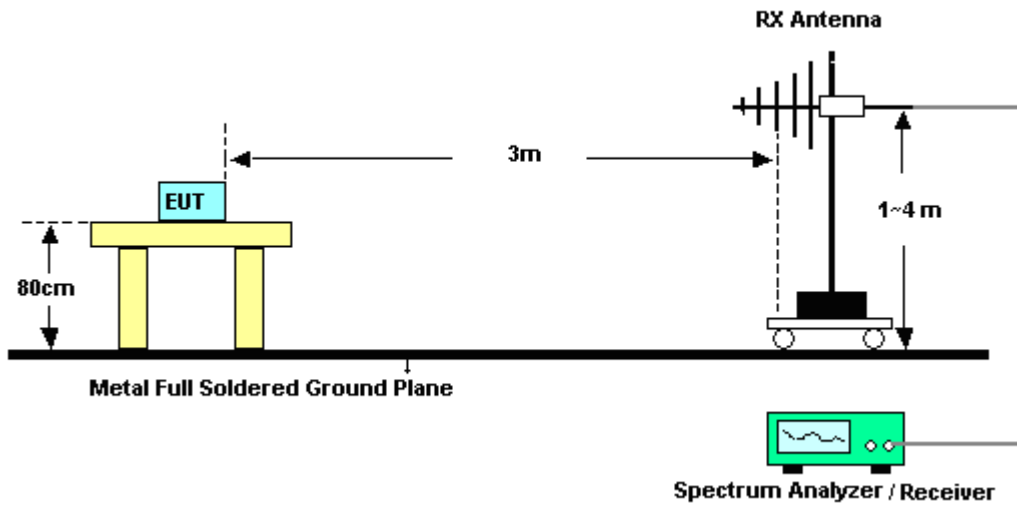
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“.

3.4.4 Test Setup

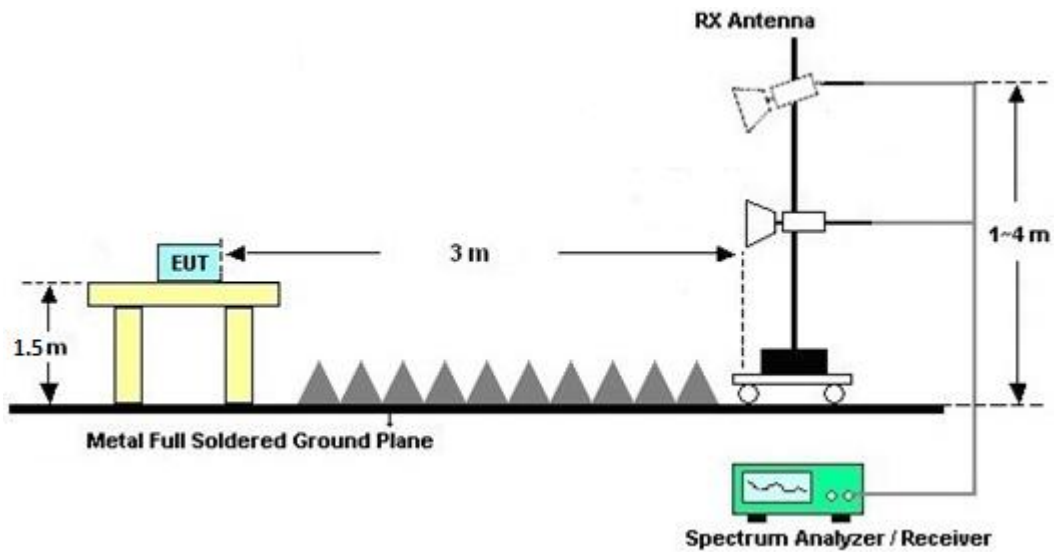
For radiated emissions below 30MHz



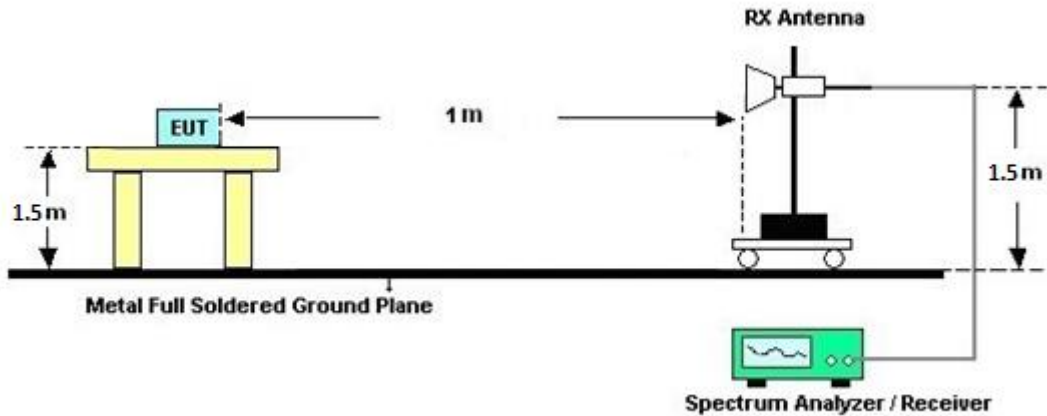
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



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.

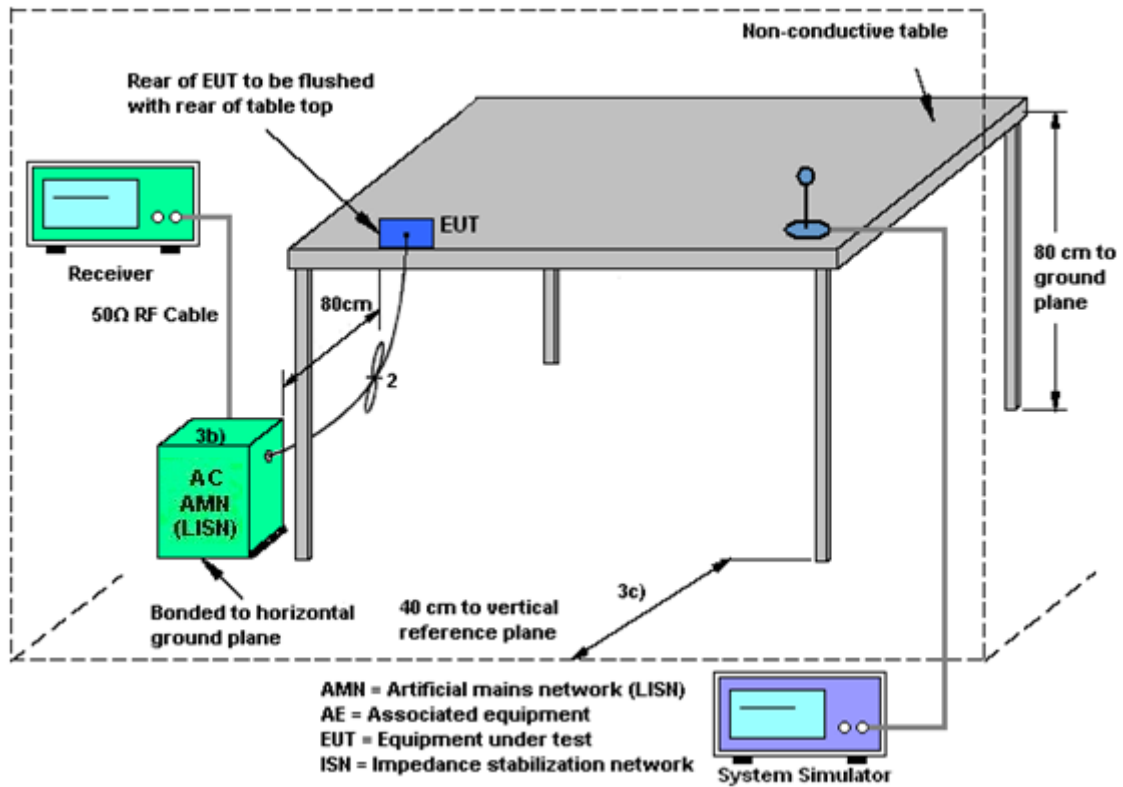
3.5.2 Measuring Instruments

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

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For power measurements on IEEE 802.11 devices,

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

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

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

For PSD measurements, the directional gain calculation follows F)2)f)ii) of KDB 662911 D01 v02r01.

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

where

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

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

N_{ANT} = the total number of antennas

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

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

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

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

For example: If a device has two antenna, $G_{ANT1} = 3.6\text{dBi}$; $G_{ANT2} = 4.2\text{dBi}$

Directional gain of power measurement = $\max(3.6, 4.2) + 0 = 4.2 \text{ dBi}$

Directional gain of PSD measurement = $10 \cdot \log \left[\left(10^{3.6/20} + 10^{4.2/20} \right)^2 / 2 \right] = 6.92 \text{ dBi}$



The directional gain of EUT is listed in the following table.

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 4	Ant. 3	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	-1.90	-1.70	-1.70	1.21	0.00	0.00
Band II	-1.80	-1.80	-1.80	1.21	0.00	0.00
Band III	-2.10	-1.80	-1.80	1.06	0.00	0.00

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

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

Calculation example:

The DG for PSD is derived from formula is

$$10 \times \log \left\{ \left[10^{(-1.90 \text{ dBi} / 20)} + 10^{(-1.70 \text{ dBi} / 20)} \right]^2 / 2 \right\} = 1.21 \text{ dBi}$$



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	100315	9 kHz~30 MHz	Jan. 04, 2021	Dec. 09, 2021~ Dec. 18, 2021	Jan. 03, 2022	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 08, 2021	Dec. 09, 2021~ Dec. 18, 2021	Feb. 07, 2022	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 28, 2020	Dec. 09, 2021~ Dec. 18, 2021	Dec. 27, 2021	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Oct. 25, 2021	Dec. 09, 2021~ Dec. 18, 2021	Oct. 24, 2022	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00991	18GHz~40GHz	May 12, 2021	Dec. 09, 2021~ Dec. 18, 2021	May 11, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55006	1GHz~18GHz	May 06, 2021	Dec. 09, 2021~ Dec. 18, 2021	May 05, 2022	Radiation (03CH15-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-10M-700 0-MR	EC1900247	10MHz-7GHz	Dec. 03, 2021	Dec. 09, 2021~ Dec. 18, 2021	Dec. 02, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 22, 2021	Dec. 09, 2021~ Dec. 18, 2021	Jun. 21, 2022	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 15, 2021	Dec. 09, 2021~ Dec. 18, 2021	Jul. 14, 2022	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May 07, 2021	Dec. 09, 2021~ Dec. 18, 2021	May 06, 2022	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 09, 2021~ Dec. 18, 2021	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 09, 2021~ Dec. 18, 2021	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24 (k5)	RK-000451	N/A	N/A	Dec. 09, 2021~ Dec. 18, 2021	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4PE, 508405/2E	30MHz~18G	Nov. 15, 2021	Dec. 09, 2021~ Dec. 18, 2021	Nov. 14, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 22, 2021	Dec. 09, 2021~ Dec. 18, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 22, 2021	Dec. 09, 2021~ Dec. 18, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Dec. 09, 2021~ Dec. 18, 2021	Mar. 10, 2022	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-15 30-6000-40ST	SN4	1.53GHz Low Pass Filter	Jul. 02, 2021	Dec. 09, 2021~ Dec. 18, 2021	Jul. 01, 2022	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN6	6.75GHz High Pass Filter	Jun. 30, 2021	Dec. 09, 2021~ Dec. 18, 2021	Jun. 29, 2022	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 16, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Nov. 16, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201973	N/A	Oct. 22, 2021	Nov. 16, 2021	Oct. 21, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	Nov. 16, 2021	Nov. 30, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 16, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Nov. 16, 2021	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Nov. 16, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Nov. 22, 2021~Jan. 11, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Meter	DARE	RPR3006W	16I00054SNO12 (NO:113)	10MHz~6GHz	Aug. 17, 2021	Nov. 22, 2021~Jan. 11, 2022	Aug. 16, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Nov. 22, 2021~Jan. 11, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Manframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Nov. 22, 2021~Jan. 11, 2022	Aug. 11, 2022	Conducted (TH05-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.1 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Ching Chen	Temperature:	21~25	°C
Test Date:	2021/11/22-2022/1/11	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	36	5180	17.93	17.48	29.90	27.40	-	-	22.43	22.43	
11a	6Mbps	2	44	5220	17.78	17.48	35.75	32.35	-	-	22.43	22.43	
11a	6Mbps	2	48	5240	17.73	17.58	34.10	32.15	-	-	22.45	22.45	
HT20	MCS0	2	36	5180	19.43	18.73	33.65	32.15	-	-	22.73	22.73	
HT20	MCS0	2	44	5220	19.18	18.53	38.75	40.05	-	-	22.68	22.68	
HT20	MCS0	2	48	5240	19.03	18.48	38.55	37.35	-	-	22.67	22.67	
HT40	MCS0	2	38	5190	37.96	37.76	39.87	39.69	-	-	23.01	23.01	
HT40	MCS0	2	46	5230	37.66	37.06	62.73	53.46	-	-	23.01	23.01	
VHT80	MCS0	2	42	5210	76.24	76.12	82.56	82.40	-	-	23.01	23.01	

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	36	5180	18.80	18.80	21.81	24.00	24.00	-1.70	-1.70	Pass
11a	6Mbps	2	44	5220	19.80	20.00	22.91	24.00	24.00	-1.70	-1.70	Pass
11a	6Mbps	2	48	5240	19.90	20.00	22.96	24.00	24.00	-1.70	-1.70	Pass
HT20	MCS0	2	36	5180	18.80	18.80	21.81	24.00	24.00	-1.70	-1.70	Pass
HT20	MCS0	2	44	5220	19.60	19.90	22.76	24.00	24.00	-1.70	-1.70	Pass
HT20	MCS0	2	48	5240	19.80	19.90	22.86	24.00	24.00	-1.70	-1.70	Pass
HT40	MCS0	2	38	5190	15.70	15.30	18.51	24.00	24.00	-1.70	-1.70	Pass
HT40	MCS0	2	46	5230	18.70	18.20	21.47	24.00	24.00	-1.70	-1.70	Pass
VHT20	MCS0	2	36	5180	18.70	18.70	21.71	24.00	24.00	-1.70	-1.70	Pass
VHT20	MCS0	2	44	5220	19.50	19.80	22.66	24.00	24.00	-1.70	-1.70	Pass
VHT20	MCS0	2	48	5240	19.70	19.80	22.76	24.00	24.00	-1.70	-1.70	Pass
VHT40	MCS0	2	38	5190	15.60	15.20	18.41	24.00	24.00	-1.70	-1.70	Pass
VHT40	MCS0	2	46	5230	18.60	18.10	21.37	24.00	24.00	-1.70	-1.70	Pass
VHT80	MCS0	2	42	5210	16.20	15.60	18.92	24.00	24.00	-1.70	-1.70	Pass
VHT160	MCS0	2	50	5250	13.80	12.80	16.34	24.00	24.00	-1.70	-1.70	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	36	5180			9.56	11.00	1.21		Pass	
11a	6Mbps	2	44	5220			10.54	11.00	1.21		Pass	
11a	6Mbps	2	48	5240			10.85	11.00	1.21		Pass	
HT20	MCS0	2	36	5180			10.38	11.00	1.21		Pass	
HT20	MCS0	2	44	5220			10.20	11.00	1.21		Pass	
HT20	MCS0	2	48	5240			10.44	11.00	1.21		Pass	
HT40	MCS0	2	38	5190			2.73	11.00	1.21		Pass	
HT40	MCS0	2	46	5230			5.99	11.00	1.21		Pass	
VHT80	MCS0	2	42	5210			0.15	11.00	1.21		Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	NTX	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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	52	5260	18.18	17.48	34.25	32.30	23.43		29.43		23.98		
11a	6Mbps	2	60	5300	18.43	17.73	28.00	22.45	23.49		29.49		23.98		
11a	6Mbps	2	64	5320	18.33	17.83	30.55	22.30	23.51		29.51		23.98		
HT20	MCS0	2	52	5260	19.68	18.68	39.70	34.45	23.71		29.71		23.98		
HT20	MCS0	2	60	5300	19.78	18.73	39.00	34.65	23.73		29.73		23.98		
HT20	MCS0	2	64	5320	19.13	18.48	39.30	30.05	23.67		29.67		23.98		
HT40	MCS0	2	54	5270	37.46	37.06	62.82	51.57	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	37.36	37.06	39.78	39.60	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.36	76.00	82.80	82.24	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	52	5260	19.90	19.50	22.71	23.98		-1.80		30	Pass
11a	6Mbps	2	60	5300	19.00	18.20	21.63	23.98		-1.80		30	Pass
11a	6Mbps	2	64	5320	19.30	18.40	21.88	23.98		-1.80		30	Pass
HT20	MCS0	2	52	5260	19.90	19.40	22.67	23.98		-1.80		30	Pass
HT20	MCS0	2	60	5300	20.00	19.40	22.72	23.98		-1.80		30	Pass
HT20	MCS0	2	64	5320	19.80	19.00	22.43	23.98		-1.80		30	Pass
HT40	MCS0	2	54	5270	18.90	18.10	21.53	23.98		-1.80		30	Pass
HT40	MCS0	2	62	5310	16.70	15.70	19.24	23.98		-1.80		30	Pass
VHT20	MCS0	2	52	5260	19.80	19.30	22.57	23.98		-1.80		30	Pass
VHT20	MCS0	2	60	5300	19.90	19.30	22.62	23.98		-1.80		30	Pass
VHT20	MCS0	2	64	5320	19.70	18.90	22.33	23.98		-1.80		30	Pass
VHT40	MCS0	2	54	5270	18.80	18.00	21.43	23.98		-1.80		30	Pass
VHT40	MCS0	2	62	5310	16.60	15.60	19.14	23.98		-1.80		30	Pass
VHT80	MCS0	2	58	5290	15.30	14.00	17.71	23.98		-1.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	52	5260			10.83	11.00	1.21		Pass	
11a	6Mbps	2	60	5300			8.41	11.00	1.21		Pass	
11a	6Mbps	2	64	5320			9.13	11.00	1.21		Pass	
HT20	MCS0	2	52	5260			10.60	11.00	1.21		Pass	
HT20	MCS0	2	60	5300			10.13	11.00	1.21		Pass	
HT20	MCS0	2	64	5320			10.09	11.00	1.21		Pass	
HT40	MCS0	2	54	5270			6.22	11.00	1.21		Pass	
HT40	MCS0	2	62	5310			3.07	11.00	1.21		Pass	
VHT80	MCS0	2	58	5290			-1.40	11.00	1.21		Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3
11a	6Mbps	2	100	5500	17.53	17.83	25.20	30.65	23.44	29.44	23.98	----	----			
11a	6Mbps	2	116	5580	17.43	17.38	24.25	25.20	23.40	29.40	23.98	----	----			
11a	6Mbps	2	140	5700	17.28	17.08	21.80	22.00	23.33	29.33	23.98	----	----			
HT20	MCS0	2	100	5500	18.58	18.63	29.65	31.30	23.69	29.69	23.98	----	----			
HT20	MCS0	2	116	5580	18.68	18.48	29.95	28.50	23.67	29.67	23.98	----	----			
HT20	MCS0	2	140	5700	18.53	18.28	29.00	29.05	23.62	29.62	23.98	----	----			
HT40	MCS0	2	102	5510	36.76	36.76	39.78	39.60	23.98	30.00	23.98	----	----			
HT40	MCS0	2	110	5550	37.16	36.96	53.28	60.57	23.98	30.00	23.98	----	----			
HT40	MCS0	2	134	5670	37.16	36.96	53.19	60.03	23.98	30.00	23.98	----	----			
VHT80	MCS0	2	106	5530	75.88	76.64	82.24	82.08	23.98	30.00	23.98	----	----			
VHT80	MCS0	2	122	5610	75.76	75.88	93.12	97.76	23.98	30.00	23.98	----	----			

Band III straddle channel MIMO																
Mod.	Data Rate	NTX	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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3
11a	6Mbps	2	144	5720	13.79	13.74	21.10	21.45	22.38	28.38	23.98	3.25	3.25			
HT20	MCS0	2	144	5720	14.54	14.34	19.75	22.25	22.57	28.57	23.96	3.85	3.85			
HT40	MCS0	2	142	5710	33.58	33.58	43.89	43.71	23.98	30.00	23.98	3.27	3.27			
VHT80	MCS0	2	138	5690	72.88	72.88	76.92	82.20	23.98	30.00	23.98	3.08	3.4			

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	100	5500	19.60	19.80	22.71	23.98		-1.80		30	Pass
11a	6Mbps	2	116	5580	19.10	19.70	22.42	23.98		-1.80		30	Pass
11a	6Mbps	2	140	5700	17.40	17.50	20.46	23.98		-1.80		30	Pass
HT20	MCS0	2	100	5500	19.40	19.40	22.41	23.98		-1.80		30	Pass
HT20	MCS0	2	116	5580	19.20	19.70	22.47	23.98		-1.80		30	Pass
HT20	MCS0	2	140	5700	18.50	18.70	21.61	23.98		-1.80		30	Pass
HT40	MCS0	2	102	5510	16.40	16.40	19.41	23.98		-1.80		30	Pass
HT40	MCS0	2	110	5550	18.50	18.60	21.56	23.98		-1.80		30	Pass
HT40	MCS0	2	134	5670	18.40	18.70	21.56	23.98		-1.80		30	Pass
VHT20	MCS0	2	100	5500	19.30	19.30	22.31	23.98		-1.80		30	Pass
VHT20	MCS0	2	116	5580	19.10	19.60	22.37	23.98		-1.80		30	Pass
VHT20	MCS0	2	140	5700	18.40	18.60	21.51	23.98		-1.80		30	Pass
VHT40	MCS0	2	102	5510	16.30	16.30	19.31	23.98		-1.80		30	Pass
VHT40	MCS0	2	110	5550	18.40	18.50	21.46	23.98		-1.80		30	Pass
VHT40	MCS0	2	134	5670	18.30	18.60	21.46	23.98		-1.80		30	Pass
VHT80	MCS0	2	106	5530	15.30	15.40	18.36	23.98		-1.80		30	Pass
VHT80	MCS0	2	122	5610	18.30	18.80	21.57	23.98		-1.80		30	Pass
VHT160	MCS0	2	114	5570	14.80	14.90	17.86	23.98		-1.80		30	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	144	5720	19.40	19.80	22.61	23.98		-1.80		30	Pass
HT20	MCS0	2	144	5720	19.50	19.70	22.61	23.96		-1.80		30	Pass
HT40	MCS0	2	142	5710	18.40	18.40	21.41	23.98		-1.80		30	Pass
VHT20	MCS0	2	144	5720	19.40	19.60	22.51	23.98		-1.80		30	Pass
VHT40	MCS0	2	142	5710	18.30	18.30	21.31	23.98		-1.80		30	Pass
VHT80	MCS0	2	138	5690	18.20	18.60	21.41	23.98		-1.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	100	5500			9.90	11.00	1.06		Pass	
11a	6Mbps	2	116	5580			9.35	11.00	1.06		Pass	
11a	6Mbps	2	140	5700			7.69	11.00	1.06		Pass	
HT20	MCS0	2	100	5500			9.28	11.00	1.06		Pass	
HT20	MCS0	2	116	5580			9.84	11.00	1.06		Pass	
HT20	MCS0	2	140	5700			8.53	11.00	1.06		Pass	
HT40	MCS0	2	102	5510			3.21	11.00	1.06		Pass	
HT40	MCS0	2	110	5550			4.62	11.00	1.06		Pass	
HT40	MCS0	2	134	5670			5.10	11.00	1.06		Pass	
VHT80	MCS0	2	106	5530			-0.61	11.00	1.06		Pass	
VHT80	MCS0	2	122	5610			2.63	11.00	1.06		Pass	

Band III straddle channel MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	144	5720			9.42	11.00	1.06		Pass	
HT20	MCS0	2	144	5720			9.87	11.00	1.06		Pass	
HT40	MCS0	2	142	5710			4.83	11.00	1.06		Pass	
VHT80	MCS0	2	138	5690			2.63	11.00	1.06		Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band I 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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	
HE160	MCS0	2	50	5250	Full	157.04	157.04	166.08	165.76	-	-	23.01		

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	36	5180	Full	18.60	18.60	21.61	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	36	5180	26/0	11.20	10.70	13.97	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	36	5180	52/37	13.90	13.20	16.57	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	36	5180	106/53	16.50	16.30	19.41	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	44	5220	Full	19.40	19.70	22.56	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	44	5220	26/4	12.20	11.50	14.87	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	44	5220	52/39	14.00	13.40	16.72	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	44	5220	106/53	17.00	16.80	19.91	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	48	5240	Full	19.60	19.70	22.66	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	48	5240	26/8	11.30	10.30	13.84	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	48	5240	52/40	13.50	12.90	16.22	24.00	24.00	-1.70	-1.70	Pass
HE20	MCS0	2	48	5240	106/54	16.40	16.10	19.26	24.00	24.00	-1.70	-1.70	Pass
HE40	MCS0	2	38	5190	Full	15.50	15.10	18.31	24.00	24.00	-1.70	-1.70	Pass
HE40	MCS0	2	46	5230	Full	18.50	18.00	21.27	24.00	24.00	-1.70	-1.70	Pass
HE80	MCS0	2	42	5210	Full	16.10	15.50	18.82	24.00	24.00	-1.70	-1.70	Pass
HE160	MCS0	2	50	5250	Full	13.90	12.90	16.44	24.00	24.00	-1.70	-1.70	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	36	5180	Full			10.47	11.00	1.21			Pass
HE20	MCS0	2	36	5180	26/0			10.24	11.00	1.21			Pass
HE20	MCS0	2	36	5180	52/37			10.28	11.00	1.21			Pass
HE20	MCS0	2	36	5180	106/53			10.09	11.00	1.21			Pass
HE20	MCS0	2	44	5220	Full			10.17	11.00	1.21			Pass
HE20	MCS0	2	44	5220	26/4			9.81	11.00	1.21			Pass
HE20	MCS0	2	44	5220	52/39			9.92	11.00	1.21			Pass
HE20	MCS0	2	44	5220	106/53			10.16	11.00	1.21			Pass
HE20	MCS0	2	48	5240	Full			10.63	11.00	1.21			Pass
HE20	MCS0	2	48	5240	26/8			10.37	11.00	1.21			Pass
HE20	MCS0	2	48	5240	52/40			10.10	11.00	1.21			Pass
HE20	MCS0	2	48	5240	106/54			9.91	11.00	1.21			Pass
HE160	MCS0	2	50	5250	Full			-5.70	11.00	1.21			Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	52	5260	Full	19.70	19.20	22.47	23.98		-1.80	30	Pass	
HE20	MCS0	2	52	5260	26/0	11.50	10.60	14.08	23.98		-1.80	30	Pass	
HE20	MCS0	2	52	5260	52/37	13.90	12.90	16.44	23.98		-1.80	30	Pass	
HE20	MCS0	2	52	5260	106/53	16.60	15.80	19.23	23.98		-1.80	30	Pass	
HE20	MCS0	2	60	5300	Full	19.80	19.20	22.52	23.98		-1.80	30	Pass	
HE20	MCS0	2	60	5300	26/4	12.30	11.00	14.71	23.98		-1.80	30	Pass	
HE20	MCS0	2	60	5300	52/39	14.10	12.90	16.55	23.98		-1.80	30	Pass	
HE20	MCS0	2	60	5300	106/54	16.80	16.20	19.52	23.98		-1.80	30	Pass	
HE20	MCS0	2	64	5320	Full	19.60	18.80	22.23	23.98		-1.80	30	Pass	
HE20	MCS0	2	64	5320	26/8	10.80	9.40	13.17	23.98		-1.80	30	Pass	
HE20	MCS0	2	64	5320	52/40	13.60	12.30	16.01	23.98		-1.80	30	Pass	
HE20	MCS0	2	64	5320	106/54	16.60	15.60	19.14	23.98		-1.80	30	Pass	
HE40	MCS0	2	54	5270	Full	18.70	17.90	21.33	23.98		-1.80	30	Pass	
HE40	MCS0	2	62	5310	Full	16.50	15.50	19.04	23.98		-1.80	30	Pass	
HE80	MCS0	2	58	5290	Full	15.20	13.90	17.61	23.98		-1.80	30	Pass	

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	52	5260	Full			10.70	11.00	1.21			Pass
HE20	MCS0	2	52	5260	26/0			10.57	11.00	1.21			Pass
HE20	MCS0	2	52	5260	52/37			10.26	11.00	1.21			Pass
HE20	MCS0	2	52	5260	106/53			10.19	11.00	1.21			Pass
HE20	MCS0	2	60	5300	Full			9.98	11.00	1.21			Pass
HE20	MCS0	2	60	5300	26/4			9.80	11.00	1.21			Pass
HE20	MCS0	2	60	5300	52/39			9.63	11.00	1.21			Pass
HE20	MCS0	2	60	5300	106/54			9.67	11.00	1.21			Pass
HE20	MCS0	2	64	5320	Full			9.93	11.00	1.21			Pass
HE20	MCS0	2	64	5320	26/8			9.85	11.00	1.21			Pass
HE20	MCS0	2	64	5320	52/40			9.68	11.00	1.21			Pass
HE20	MCS0	2	64	5320	106/54			9.61	11.00	1.21			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III 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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3
HE160	MCS0	2	114	5570	Full	156.56	156.80	165.44	165.44	23.98		30.00		23.98		----	----

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	100	5500	Full	19.20	19.20	22.21	23.98		-1.80	30	Pass	
HE20	MCS0	2	100	5500	26/0	9.80	10.00	12.91	23.98		-1.80	30	Pass	
HE20	MCS0	2	100	5500	52/37	12.80	12.80	15.81	23.98		-1.80	30	Pass	
HE20	MCS0	2	100	5500	106/53	14.90	15.30	18.11	23.98		-1.80	30	Pass	
HE20	MCS0	2	120	5600	Full	19.00	19.50	22.27	23.98		-1.80	30	Pass	
HE20	MCS0	2	116	5580	26/4	11.30	11.30	14.31	23.98		-1.80	30	Pass	
HE20	MCS0	2	116	5580	52/38	13.20	13.10	16.16	23.98		-1.80	30	Pass	
HE20	MCS0	2	116	5580	106/53	15.90	16.50	19.22	23.98		-1.80	30	Pass	
HE20	MCS0	2	140	5700	Full	18.30	18.50	21.41	23.98		-1.80	30	Pass	
HE20	MCS0	2	140	5700	26/8	8.80	8.90	11.86	23.98		-1.80	30	Pass	
HE20	MCS0	2	140	5700	52/40	12.10	12.30	15.21	23.98		-1.80	30	Pass	
HE20	MCS0	2	140	5700	106/54	14.70	15.20	17.97	23.98		-1.80	30	Pass	
HE40	MCS0	2	102	5510	Full	16.20	16.20	19.21	23.98		-1.80	30	Pass	
HE40	MCS0	2	110	5550	Full	18.30	18.40	21.36	23.98		-1.80	30	Pass	
HE40	MCS0	2	134	5670	Full	18.20	18.50	21.36	23.98		-1.80	30	Pass	
HE80	MCS0	2	106	5530	Full	15.20	15.30	18.26	23.98		-1.80	30	Pass	
HE80	MCS0	2	122	5610	Full	18.20	18.70	21.47	23.98		-1.80	30	Pass	
HE160	MCS0	2	114	5570	Full	14.90	15.00	17.96	23.98		-1.80	30	Pass	

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	144	5720	Full	19.30	19.50	22.41	23.98		-1.80	30	Pass	
HE20	MCS0	2	144	5720	26/8	10.60	10.60	13.61	23.98		-1.80	30	Pass	
HE20	MCS0	2	144	5720	52/40	13.40	13.50	16.46	23.98		-1.80	30	Pass	
HE20	MCS0	2	144	5720	106/54	16.30	16.80	19.57	23.98		-1.80	30	Pass	
HE40	MCS0	2	142	5710	Full	18.20	18.20	21.21	23.98		-1.80	30	Pass	
HE80	MCS0	2	138	5690	Full	18.10	18.50	21.31	23.98		-1.80	30	Pass	

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	100	5500	Full			9.50	11.00	1.06		Pass	
HE20	MCS0	2	100	5500	26/0			8.91	11.00	1.06		Pass	
HE20	MCS0	2	100	5500	52/37			9.14	11.00	1.06		Pass	
HE20	MCS0	2	100	5500	106/53			8.68	11.00	1.06		Pass	
HE20	MCS0	2	116	5580	Full			9.55	11.00	1.06		Pass	
HE20	MCS0	2	116	5580	26/4			9.54	11.00	1.06		Pass	
HE20	MCS0	2	116	5580	52/38			9.49	11.00	1.06		Pass	
HE20	MCS0	2	116	5580	106/53			9.59	11.00	1.06		Pass	
HE20	MCS0	2	140	5700	Full			8.48	11.00	1.06		Pass	
HE20	MCS0	2	140	5700	26/8			8.09	11.00	1.06		Pass	
HE20	MCS0	2	140	5700	52/40			8.47	11.00	1.06		Pass	
HE20	MCS0	2	140	5700	106/54			8.46	11.00	1.06		Pass	
HE160	MCS0	2	114	5570	Full			-4.01	11.00	1.06		Pass	

Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	144	5720	Full			9.90	11.00	1.06		Pass	
HE20	MCS0	2	144	5720	26/8			9.82	11.00	1.06		Pass	
HE20	MCS0	2	144	5720	52/40			9.86	11.00	1.06		Pass	
HE20	MCS0	2	144	5720	106/54			9.79	11.00	1.06		Pass	



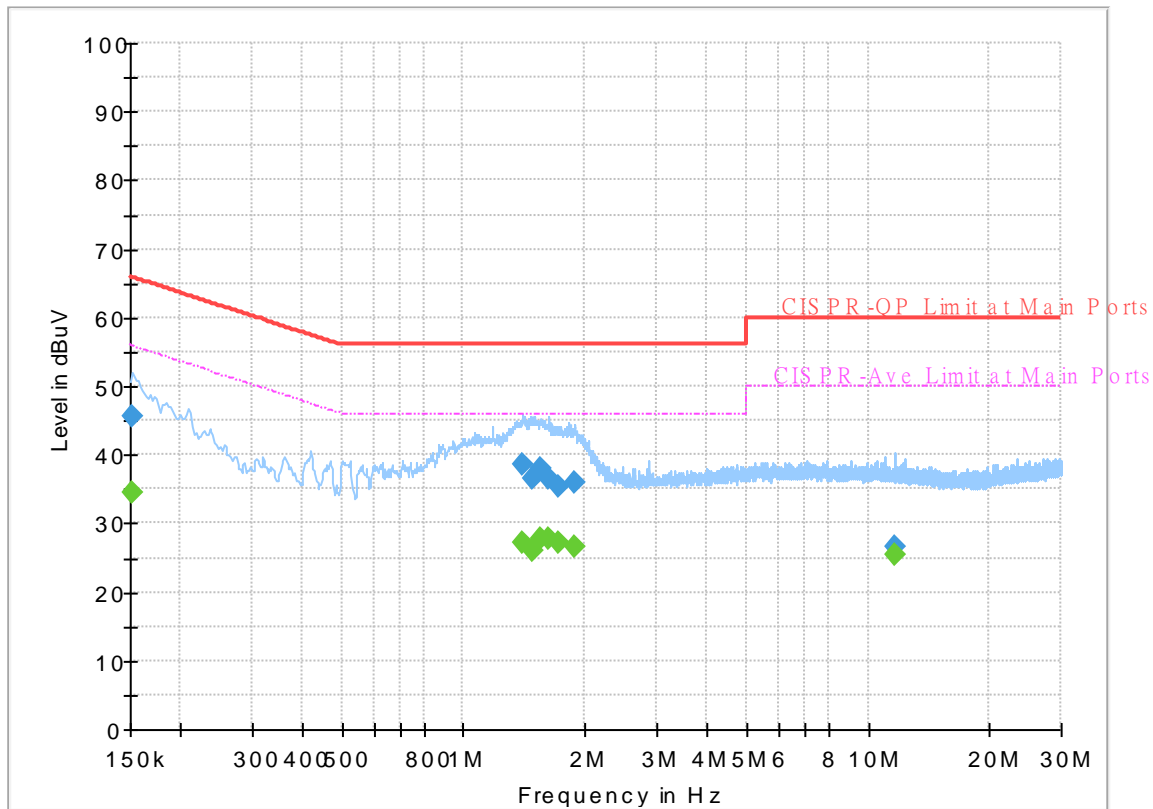
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO : 161608-05
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



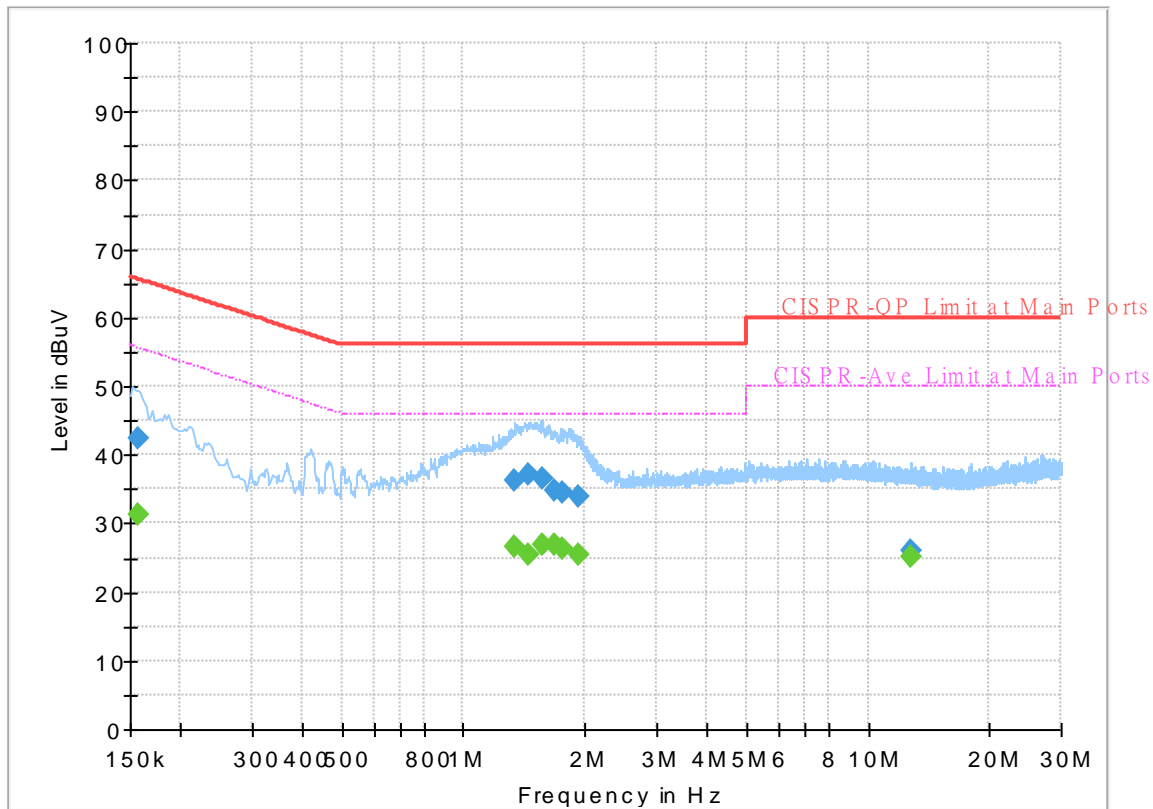
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.62	55.88	21.26	L1	OFF	19.7
0.152250	45.70	---	65.88	20.18	L1	OFF	19.7
1.398750	---	27.14	46.00	18.86	L1	OFF	20.2
1.398750	38.65	---	56.00	17.35	L1	OFF	20.2
1.488750	---	26.13	46.00	19.87	L1	OFF	20.2
1.488750	36.67	---	56.00	19.33	L1	OFF	20.2
1.558500	---	27.77	46.00	18.23	L1	OFF	20.2
1.558500	37.96	---	56.00	18.04	L1	OFF	20.2
1.623750	---	27.73	46.00	18.27	L1	OFF	20.2
1.623750	36.57	---	56.00	19.43	L1	OFF	20.2
1.716000	---	27.23	46.00	18.77	L1	OFF	20.2
1.716000	35.45	---	56.00	20.55	L1	OFF	20.2
1.875750	---	26.56	46.00	19.44	L1	OFF	20.2
1.875750	35.88	---	56.00	20.12	L1	OFF	20.2
11.663250	---	25.57	50.00	24.43	L1	OFF	20.2
11.663250	26.55	---	60.00	33.45	L1	OFF	20.2

EUT Information

Report NO : 161608-05
 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)
0.156750	---	31.25	55.63	24.38	N	OFF	19.7
0.156750	42.40	---	65.63	23.23	N	OFF	19.7
1.338000	---	26.46	46.00	19.54	N	OFF	20.2
1.338000	36.23	---	56.00	19.77	N	OFF	20.2
1.448250	---	25.40	46.00	20.60	N	OFF	20.2
1.448250	37.10	---	56.00	18.90	N	OFF	20.2
1.574250	---	26.93	46.00	19.07	N	OFF	20.2
1.574250	36.46	---	56.00	19.54	N	OFF	20.2
1.671000	---	26.83	46.00	19.17	N	OFF	20.2
1.671000	34.94	---	56.00	21.06	N	OFF	20.2
1.749750	---	26.44	46.00	19.56	N	OFF	20.2
1.749750	34.58	---	56.00	21.42	N	OFF	20.2
1.927500	---	25.56	46.00	20.44	N	OFF	20.2
1.927500	33.95	---	56.00	22.05	N	OFF	20.2
12.759000	---	25.22	50.00	24.78	N	OFF	20.3
12.759000	26.13	---	60.00	33.87	N	OFF	20.3



Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
4+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5148.72	58	-16	74	51.36	31.91	10	35.27	260	234	P	H	
		5148.72	48.35	-5.65	54	41.71	31.91	10	35.27	260	234	A	H	
	*	5180	107.86	-	-	101.22	31.9	10.03	35.29	260	234	P	H	
	*	5180	100.28	-	-	93.64	31.9	10.03	35.29	260	234	A	H	
													H	
													H	
			5149.5	62.01	-11.99	74	55.38	31.9	10	35.27	114	186	P	V
			5149.76	51.9	-2.1	54	45.27	31.9	10	35.27	114	186	A	V
	*		5180	109.86	-	-	103.22	31.9	10.03	35.29	114	186	P	V
	*		5180	102.72	-	-	96.08	31.9	10.03	35.29	114	186	A	V
													V	
													V	
802.11a CH 44 5220MHz		5088.66	48.98	-25.02	74	42.26	32.03	9.93	35.24	250	234	P	H	
		5139.62	39.66	-14.34	54	33	31.94	9.99	35.27	250	234	A	H	
	*	5220	107.14	-	-	100.6	31.78	10.07	35.31	250	234	P	H	
	*	5220	99.16	-	-	92.62	31.78	10.07	35.31	250	234	A	H	
			5425.84	49.08	-24.92	74	42.55	31.7	10.23	35.4	250	234	P	H
			5444.6	39.3	-14.7	54	32.68	31.78	10.25	35.41	250	234	A	H
			5144.04	52.83	-21.17	74	46.19	31.92	9.99	35.27	100	188	P	V
			5148.72	40.88	-13.12	54	34.24	31.91	10	35.27	100	188	A	V
	*		5220	110.86	-	-	104.32	31.78	10.07	35.31	100	188	P	V
	*		5220	102.87	-	-	96.33	31.78	10.07	35.31	100	188	A	V
			5404.28	49.85	-24.15	74	43.41	31.62	10.21	35.39	100	188	P	V
			5400.08	40.35	-13.65	54	33.93	31.6	10.21	35.39	100	188	A	V



802.11a CH 48 5240MHz		5102.7	50.03	-23.97	74	43.24	32.09	9.95	35.25	234	235	P	H
		5089.96	39.95	-14.05	54	33.22	32.04	9.93	35.24	234	235	A	H
	*	5240	107.57	-	-	101.15	31.66	10.08	35.32	234	235	P	H
	*	5240	99.9	-	-	93.48	31.66	10.08	35.32	234	235	A	H
		5435.64	49.2	-24.8	74	42.63	31.74	10.24	35.41	234	235	P	H
		5442.64	39.53	-14.47	54	32.92	31.77	10.25	35.41	234	235	A	H
		5096.98	52.11	-21.89	74	45.34	32.08	9.94	35.25	100	187	P	V
		5148.72	40.65	-13.35	54	34.01	31.91	10	35.27	100	187	A	V
	*	5240	110.72	-	-	104.3	31.66	10.08	35.32	100	187	P	V
	*	5240	103.14	-	-	96.72	31.66	10.08	35.32	100	187	A	V
		5362.84	53.68	-20.32	74	47.49	31.38	10.18	35.37	100	187	P	V
		5399.8	40.36	-13.64	54	33.94	31.6	10.21	35.39	100	187	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 36 5180MHz		10360	56.99	-11.21	68.2	63.62	39.62	14.55	60.8	100	30	P	H	
		10894	50.79	-23.21	74	56.45	40.39	14.82	60.87	-	-	P	H	
		10894	40.77	-13.23	54	46.43	40.39	14.82	60.87	-	-	A	H	
		14491	50.45	-23.55	74	55.77	41.37	16.48	63.17	-	-	P	H	
		14491	40.39	-13.61	54	45.71	41.37	16.48	63.17	-	-	A	H	
		15540	57.85	-16.15	74	64.8	38.4	17.01	62.36	249	1	P	H	
		15540	43.27	-10.73	54	50.22	38.4	17.01	62.36	249	1	A	H	
		17989	58.48	-15.52	74	48.64	48.18	18.93	57.27	-	-	P	H	
		17989	48.28	-5.72	54	38.44	48.18	18.93	57.27	-	-	A	H	
														H
														H
														H
			10360	57.25	-10.95	68.2	63.88	39.62	14.55	60.8	100	310	P	V
			10949	50.34	-23.66	74	55.86	40.5	14.85	60.87	-	-	P	V
			10949	40.32	-13.68	54	45.84	40.5	14.85	60.87	-	-	A	V
			14480	49.76	-24.24	74	55.13	41.34	16.47	63.18	-	-	P	V
			14480	39.75	-14.25	54	45.12	41.34	16.47	63.18	-	-	A	V
			15540	54.77	-19.23	74	61.72	38.4	17.01	62.36	100	45	P	V
			15540	40.37	-13.63	54	47.32	38.4	17.01	62.36	100	45	A	V
			17989	58.67	-15.33	74	48.83	48.18	18.93	57.27	-	-	P	V
		17989	48.68	-5.32	54	38.84	48.18	18.93	57.27	-	-	A	V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 44 5220MHz		10440	56.27	-11.93	68.2	62.81	39.74	14.59	60.87	100	29	P	H	
		10806	50.92	-23.08	74	56.82	40.21	14.78	60.89	-	-	P	H	
		10806	40.91	-13.09	54	46.81	40.21	14.78	60.89	-	-	A	H	
		14480	49.57	-24.43	74	54.94	41.34	16.47	63.18	-	-	P	H	
		14480	39.55	-14.45	54	44.92	41.34	16.47	63.18	-	-	A	H	
		15660	55.13	-18.87	74	62.16	37.8	17.07	61.9	251	359	P	H	
		15660	41.51	-12.49	54	48.54	37.8	17.07	61.9	251	359	A	H	
		17989	58.44	-15.56	74	48.6	48.18	18.93	57.27	-	-	P	H	
		17989	48.42	-5.58	54	38.58	48.18	18.93	57.27	-	-	A	H	
														H
														H
														H
			10440	58.62	-9.58	68.2	65.16	39.74	14.59	60.87	100	309	P	V
			10938	50.68	-23.32	74	56.23	40.48	14.84	60.87	-	-	P	V
			10938	40.67	-13.33	54	46.22	40.48	14.84	60.87	-	-	A	V
			14480	50.19	-23.81	74	55.56	41.34	16.47	63.18	-	-	P	V
			14480	40.16	-13.84	54	45.53	41.34	16.47	63.18	-	-	A	V
			15660	48.69	-25.31	74	55.72	37.8	17.07	61.9	100	350	P	V
			15660	35.26	-18.74	54	42.29	37.8	17.07	61.9	100	350	A	V
			18000	58.59	-15.41	74	48.49	48.4	18.94	57.24	-	-	P	V
		18000	48.46	-5.54	54	38.36	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 48 5240MHz		10480	57.71	-10.49	68.2	64.23	39.78	14.61	60.91	100	311	P	H	
		10872	50.99	-23.01	74	56.72	40.34	14.81	60.88	-	-	P	H	
		10872	40.98	-13.02	54	46.71	40.34	14.81	60.88	-	-	A	H	
		14500	50.27	-17.93	68.2	55.56	41.4	16.48	63.17	-	-	P	H	
		14500	40.25	-13.75	54	45.54	41.4	16.48	63.17	-	-	A	H	
		15720	54.54	-19.46	74	61.49	37.62	17.1	61.67	249	2	P	H	
		15720	40.83	-13.17	54	47.78	37.62	17.1	61.67	249	2	A	H	
		18000	58.99	-15.01	74	48.89	48.4	18.94	57.24	-	-	P	H	
		18000	48.92	-5.08	54	38.82	48.4	18.94	57.24	-	-	A	H	
														H
														H
														H
			10480	60.3	-7.9	68.2	66.82	39.78	14.61	60.91	100	29	P	V
			11004	50.24	-23.76	74	55.63	40.59	14.88	60.86	-	-	P	V
			11004	40.22	-13.78	54	45.61	40.59	14.88	60.86	-	-	A	V
			14491	50.03	-23.97	74	55.35	41.37	16.48	63.17	-	-	P	V
			14491	40.01	-13.99	54	45.33	41.37	16.48	63.17	-	-	A	V
			15720	46.01	-27.99	74	52.96	37.62	17.1	61.67	-	-	P	V
			18000	59.66	-14.34	74	49.56	48.4	18.94	57.24	-	-	P	V
			18000	49.62	-4.38	54	39.52	48.4	18.94	57.24	-	-	A	V
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 													



Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 36 5180MHz		5148.46	61.05	-12.95	74	54.41	31.91	10	35.27	250	231	P	H	
		5148.72	49.71	-4.29	54	43.07	31.91	10	35.27	250	231	A	H	
	*	5180	108.05	-	-	101.41	31.9	10.03	35.29	250	231	P	H	
	*	5180	100.18	-	-	93.54	31.9	10.03	35.29	250	231	A	H	
													H	
														H
			5146.12	62.62	-11.38	74	55.98	31.92	9.99	35.27	100	183	P	V
			5148.98	52.07	-1.93	54	45.44	31.9	10	35.27	100	183	A	V
		*	5180	111.15	-	-	104.51	31.9	10.03	35.29	100	183	A	V
		*	5180	103.24	-	-	96.6	31.9	10.03	35.29	100	183	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5132.86	49.56	-24.44	74	42.87	31.97	9.98	35.26	250	233	P	H	
		5144.56	39.8	-14.2	54	33.16	31.92	9.99	35.27	250	233	A	H	
		*	5220	107.51	-	-	100.97	31.78	10.07	35.31	250	233	P	H
		*	5220	99.65	-	-	93.11	31.78	10.07	35.31	250	233	A	H
			5390.28	48.97	-25.03	74	42.62	31.54	10.2	35.39	250	233	P	H
			5393.92	39.28	-14.72	54	32.9	31.56	10.21	35.39	250	233	A	H
			5150	57.5	-16.5	74	50.87	31.9	10	35.27	100	188	P	V
			5148.46	41.39	-12.61	54	34.75	31.91	10	35.27	100	188	A	V
		*	5220	111.14	-	-	104.6	31.78	10.07	35.31	100	188	P	V
		*	5220	103.32	-	-	96.78	31.78	10.07	35.31	100	188	A	V
		5350.24	52.8	-21.2	74	46.7	31.3	10.17	35.37	100	188	P	V	
		5406.52	40.3	-13.7	54	33.85	31.63	10.22	35.4	100	188	A	V	



802.11n HT20 CH 48 5240MHz		5132.6	49.78	-24.22	74	43.09	31.97	9.98	35.26	232	234	P	H
		5099.58	39.73	-14.27	54	32.94	32.1	9.94	35.25	232	234	A	H
	*	5240	107.41	-	-	100.99	31.66	10.08	35.32	232	234	P	H
	*	5240	99.72	-	-	93.3	31.66	10.08	35.32	232	234	A	H
		5357.52	48.52	-25.48	74	42.36	31.35	10.18	35.37	232	234	P	H
		5431.16	39.45	-14.55	54	32.9	31.72	10.24	35.41	232	234	A	H
		5097.5	53.26	-20.74	74	46.49	32.08	9.94	35.25	100	187	P	V
		5147.94	40.8	-13.2	54	34.16	31.91	10	35.27	100	187	A	V
	*	5240	111.61	-	-	105.19	31.66	10.08	35.32	100	187	P	V
	*	5240	103.6	-	-	97.18	31.66	10.08	35.32	100	187	A	V
		5370.4	55	-19	74	48.77	31.42	10.19	35.38	100	187	P	V
		5402.32	40.49	-13.51	54	34.06	31.61	10.21	35.39	100	187	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 36 5180MHz		10360	56.59	-11.61	68.2	63.22	39.62	14.55	60.8	100	33	P	H	
		10905	50.32	-23.68	74	55.95	40.41	14.83	60.87	-	-	P	H	
		10905	40.27	-13.73	54	45.9	40.41	14.83	60.87	-	-	A	H	
		14480	50.41	-23.59	74	55.78	41.34	16.47	63.18	-	-	P	H	
		14480	40.36	-13.64	54	45.73	41.34	16.47	63.18	-	-	A	H	
		15540	55.29	-18.71	74	62.24	38.4	17.01	62.36	251	2	P	H	
		15540	43.07	-10.93	54	50.02	38.4	17.01	62.36	251	2	A	H	
		18000	59.02	-14.98	74	48.92	48.4	18.94	57.24	-	-	P	H	
		18000	49.23	-4.77	54	39.13	48.4	18.94	57.24	-	-	A	H	
														H
														H
														H
			10360	58.03	-10.17	68.2	64.66	39.62	14.55	60.8	100	307	P	V
			10894	51.28	-22.72	74	56.94	40.39	14.82	60.87	-	-	P	V
			10894	41.25	-12.75	54	46.91	40.39	14.82	60.87	-	-	A	V
			14470	49.72	-18.48	68.2	55.12	41.31	16.47	63.18	-	-	P	V
			14470	39.69	-14.31	54	45.09	41.31	16.47	63.18	-	-	A	V
			15540	54.69	-19.31	74	61.64	38.4	17.01	62.36	100	46	P	V
			15540	42.77	-11.23	54	49.72	38.4	17.01	62.36	100	46	A	V
		18000	58.66	-15.34	74	48.56	48.4	18.94	57.24	-	-	P	V	
		18000	48.62	-5.38	54	38.52	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
i802.11n HT20 CH 44 5220MHz		10440	57.14	-11.06	68.2	63.68	39.74	14.59	60.87	100	31	P	H	
		10949	50.44	-23.56	74	55.96	40.5	14.85	60.87	-	-	P	H	
		10949	40.42	-13.58	54	45.94	40.5	14.85	60.87	-	-	A	H	
		14480	50.74	-23.26	74	56.11	41.34	16.47	63.18	-	-	P	H	
		14480	40.71	-13.29	54	46.08	41.34	16.47	63.18	-	-	A	H	
		15660	54.6	-19.4	74	61.63	37.8	17.07	61.9	249	2	P	H	
		15660	42.67	-11.33	54	49.7	37.8	17.07	61.9	249	2	A	H	
		17989	58.67	-15.33	74	48.83	48.18	18.93	57.27	-	-	P	H	
		17989	48.7	-5.3	54	38.86	48.18	18.93	57.27	-	-	A	H	
														H
														H
														H
			10440	57.59	-10.61	68.2	64.13	39.74	14.59	60.87	100	309	P	V
			10883	51.03	-22.97	74	56.72	40.37	14.82	60.88	-	-	P	V
			10883	41.01	-12.99	54	46.7	40.37	14.82	60.88	-	-	A	V
			14480	50.11	-23.89	74	55.48	41.34	16.47	63.18	-	-	P	V
			14480	40.1	-13.9	54	45.47	41.34	16.47	63.18	-	-	A	V
			15660	53.7	-20.3	74	60.73	37.8	17.07	61.9	100	44	P	V
			15660	42.17	-11.83	54	49.2	37.8	17.07	61.9	100	44	A	V
			18000	59.26	-14.74	74	49.16	48.4	18.94	57.24	-	-	P	V
		18000	49.27	-4.73	54	39.17	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	56.98	-11.22	68.2	63.5	39.78	14.61	60.91	100	30	P	H
		10982	51.25	-22.75	74	56.68	40.56	14.87	60.86	-	-	P	H
		10982	41.24	-12.76	54	46.67	40.56	14.87	60.86	-	-	A	H
		14491	50.19	-23.81	74	55.51	41.37	16.48	63.17	-	-	P	H
		14491	40.17	-13.83	54	45.49	41.37	16.48	63.17	-	-	A	H
		15720	52.5	-21.5	74	59.45	37.62	17.1	61.67	250	1	P	H
		15720	41.08	-12.92	54	48.03	37.62	17.1	61.67	250	1	A	H
		18000	58.79	-15.21	74	48.69	48.4	18.94	57.24	-	-	P	H
		18000	48.72	-5.28	54	38.62	48.4	18.94	57.24	-	-	A	H
													H
													H
													H
802.11n HT20 CH 48 5240MHZ		10480	58.2	-10	68.2	64.72	39.78	14.61	60.91	100	310	P	V
		10949	50.04	-23.96	74	55.56	40.5	14.85	60.87	-	-	P	V
		10949	40	-14	54	45.52	40.5	14.85	60.87	-	-	A	V
		14470	50.02	-18.18	68.2	55.42	41.31	16.47	63.18	-	-	P	V
		14470	39.99	-14.01	54	45.39	41.31	16.47	63.18	-	-	A	V
		15720	50.65	-23.35	74	57.6	37.62	17.1	61.67	100	46	P	V
		15720	39.7	-14.3	54	46.65	37.62	17.1	61.67	100	46	A	V
		18000	58.02	-15.98	74	47.92	48.4	18.94	57.24	-	-	P	V
		18000	48.01	-5.99	54	37.91	48.4	18.94	57.24	-	-	A	V
													V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 												



Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT40 CH 38 5190MHz		5142.48	59.2	-14.8	74	52.55	31.93	9.99	35.27	300	243	P	H	
		5147.94	46.92	-7.08	54	40.28	31.91	10	35.27	300	243	A	H	
	*	5190	100.39	-	-	93.74	31.9	10.04	35.29	300	243	P	H	
	*	5190	92.51	-	-	85.86	31.9	10.04	35.29	300	243	A	H	
		5445.16	47.83	-26.17	74	41.21	31.78	10.25	35.41	300	243	P	H	
		5433.68	38.96	-15.04	54	32.4	31.73	10.24	35.41	300	243	A	H	
		5146.9	64.08	-9.92	74	57.45	31.91	9.99	35.27	100	186	P	V	
		5149.76	51.28	-2.72	54	44.65	31.9	10	35.27	100	186	A	V	
	*	5190	104.92	-	-	98.27	31.9	10.04	35.29	100	186	P	V	
	*	5190	96.96	-	-	90.31	31.9	10.04	35.29	100	186	A	V	
		5433.68	48.04	-25.96	74	41.48	31.73	10.24	35.41	100	186	P	V	
		5403.16	40.16	-13.84	54	33.73	31.61	10.21	35.39	100	186	A	V	
	802.11n HT40 CH 46 5230MHz		5148.46	53.85	-20.15	74	47.21	31.91	10	35.27	300	243	P	H
			5149.24	40.5	-13.5	54	33.87	31.9	10	35.27	300	243	A	H
*		5230	101.52	-	-	95.04	31.72	10.07	35.31	300	243	P	H	
*		5230	94.38	-	-	87.9	31.72	10.07	35.31	300	243	A	H	
		5449.08	48.1	-25.9	74	41.47	31.8	10.25	35.42	300	243	P	H	
		5449.64	39.24	-14.76	54	32.61	31.8	10.25	35.42	300	243	A	H	
		5150	56.84	-17.16	74	50.21	31.9	10	35.27	100	186	P	V	
		5149.76	43.42	-10.58	54	36.79	31.9	10	35.27	100	186	A	V	
*		5230	107.91	-	-	101.43	31.72	10.07	35.31	100	186	P	V	
*		5230	100	-	-	93.52	31.72	10.07	35.31	100	186	A	V	
	5429.48	49.45	-24.55	74	42.9	31.72	10.24	35.41	100	186	P	V		
	5401.48	40.96	-13.04	54	34.53	31.61	10.21	35.39	100	186	A	V		
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT40 CH 38 5190MHz		10360	49.75	-18.45	68.2	56.38	39.62	14.55	60.8	100	33	P	H	
		10916	50.82	-23.18	74	56.43	40.43	14.83	60.87	-	-	P	H	
		10916	40.81	-13.19	54	46.42	40.43	14.83	60.87	-	-	A	H	
		14470	49.97	-18.23	68.2	55.37	41.31	16.47	63.18	-	-	P	H	
		14470	39.95	-14.05	54	45.35	41.31	16.47	63.18	-	-	A	H	
		15540	46.74	-27.26	74	53.69	38.4	17.01	62.36	-	-	P	H	
		17989	59.23	-14.77	74	49.39	48.18	18.93	57.27	-	-	P	H	
		17989	49.21	-4.79	54	39.37	48.18	18.93	57.27	-	-	A	H	
														H
														H
														H
														H
			10360	49.73	-18.47	68.2	56.36	39.62	14.55	60.8	100	312	P	V
			10762	50.54	-23.46	74	56.63	40.05	14.75	60.89	-	-	P	V
			10762	40.53	-13.47	54	46.62	40.05	14.75	60.89	-	-	A	V
			14491	49.95	-24.05	74	55.27	41.37	16.48	63.17	-	-	P	V
			14491	39.93	-14.07	54	45.25	41.37	16.48	63.17	-	-	A	V
			15540	47.5	-26.5	74	54.45	38.4	17.01	62.36	-	-	P	V
		17989	58	-16	74	48.16	48.18	18.93	57.27	-	-	P	V	
		17989	47.99	-6.01	54	38.15	48.18	18.93	57.27	-	-	A	V	
													V	
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WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10460	53.55	-14.65	68.2	60.08	39.76	14.6	60.89	100	29	P	H
		10949	50.91	-23.09	74	56.43	40.5	14.85	60.87	-	-	P	H
		10949	40.9	-13.1	54	46.42	40.5	14.85	60.87	-	-	A	H
		14500	50.09	-18.11	68.2	55.38	41.4	16.48	63.17	-	-	P	H
		14500	40.07	-13.93	54	45.36	41.4	16.48	63.17	-	-	A	H
		15690	52.54	-21.46	74	59.59	37.65	17.09	61.79	190	342	P	H
		15690	43.22	-10.78	54	50.27	37.65	17.09	61.79	190	342	A	H
		18000	59.36	-14.64	74	49.26	48.4	18.94	57.24	-	-	P	H
		18000	49.38	-4.62	54	39.28	48.4	18.94	57.24	-	-	A	H
													H
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802.11n													
HT40													
CH 46		10460	55.09	-13.11	68.2	61.62	39.76	14.6	60.89	100	308	P	V
5230MHz		10872	49.96	-24.04	74	55.69	40.34	14.81	60.88	-	-	P	V
		10872	39.9	-14.1	54	45.63	40.34	14.81	60.88	-	-	A	V
		14491	51.05	-22.95	74	56.37	41.37	16.48	63.17	-	-	P	V
		14491	40.99	-13.01	54	46.31	41.37	16.48	63.17	-	-	A	V
		15690	52.92	-21.08	74	59.97	37.65	17.09	61.79	100	356	P	V
		15690	43.57	-10.43	54	50.62	37.65	17.09	61.79	100	356	A	V
		18000	58.49	-15.51	74	48.39	48.4	18.94	57.24	-	-	P	V
		18000	48.42	-5.58	54	38.32	48.4	18.94	57.24	-	-	A	V
													V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 												



**Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5147.16	58.24	-15.76	74	51.61	31.91	9.99	35.27	250	234	P	H
		5150.02	49.53	-100.47	150	42.9	31.9	10	35.27	250	234	A	H
	*	5210	99.59	-	-	92.99	31.84	10.06	35.3	250	234	P	H
	*	5210	91.76	-	-	85.16	31.84	10.06	35.3	250	234	A	H
		5421.36	48.82	-25.18	74	42.3	31.69	10.23	35.4	250	234	P	H
		5399.24	42.15	-11.85	54	35.73	31.6	10.21	35.39	250	234	A	H
		5138.06	59.5	-14.5	74	52.84	31.95	9.98	35.27	100	187	P	V
		5150	51.38	-2.62	54	44.75	31.9	10	35.27	100	187	A	V
	*	5210	102.81	-	-	96.21	31.84	10.06	35.3	100	187	P	V
	*	5210	94.99	-	-	88.39	31.84	10.06	35.3	100	187	A	V
		5372.64	49.23	-24.77	74	42.98	31.44	10.19	35.38	100	187	P	V
	5374.32	42.78	-11.22	54	36.52	31.45	10.19	35.38	100	187	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT80 CH 42 5210MHz		10420	49.41	-18.79	68.2	55.96	39.72	14.58	60.85	100	32	P	H	
		10938	50.43	-23.57	74	55.98	40.48	14.84	60.87	-	-	P	H	
		10938	40.41	-13.59	54	45.96	40.48	14.84	60.87	-	-	A	H	
		14470	50.35	-17.85	68.2	55.75	41.31	16.47	63.18	-	-	P	H	
		14470	40.32	-13.68	54	45.72	41.31	16.47	63.18	-	-	A	H	
		15630	45.62	-28.38	74	52.63	37.95	17.06	62.02	-	-	P	H	
		18000	59.23	-14.77	74	49.13	48.4	18.94	57.24	-	-	P	H	
		18000	49.22	-4.78	54	39.12	48.4	18.94	57.24	-	-	A	H	
														H
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														H
														H
														H
			10420	50.03	-18.17	68.2	56.58	39.72	14.58	60.85	100	310	P	V
			10872	50.71	-23.29	74	56.44	40.34	14.81	60.88	-	-	P	V
		10872	40.71	-13.29	54	46.44	40.34	14.81	60.88	-	-	A	V	
		14491	50.25	-23.75	74	55.57	41.37	16.48	63.17	-	-	P	V	
		14491	40.2	-13.8	54	45.52	41.37	16.48	63.17	-	-	A	V	
		15630	45.78	-28.22	74	52.79	37.95	17.06	62.02	-	-	P	V	
		17989	59.41	-14.59	74	49.57	48.18	18.93	57.27	-	-	P	V	
		17989	49.41	-4.59	54	39.57	48.18	18.93	57.27	-	-	A	V	
													V	
													V	
													V	
													V	
													V	

Remark

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
- The emission level close to 18GHz is checked that the average emission level is noise floor only.



Band 1 5150~5250MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		5136.68	49.8	-24.2	74	43.14	31.95	9.98	35.27	254	237	P	H
		5135.66	43.07	-10.93	54	36.4	31.96	9.98	35.27	254	237	A	H
	*	5250	93.55	-	-	87.18	31.6	10.09	35.32	254	237	P	H
	*	5250	85.64	-	-	79.27	31.6	10.09	35.32	254	237	A	H
		5376.02	55.97	-18.03	74	49.7	31.46	10.19	35.38	254	237	P	H
		5376.02	47.88	-6.12	54	41.61	31.46	10.19	35.38	254	237	A	H
		5133.96	54.38	-19.62	74	47.7	31.96	9.98	35.26	100	182	P	V
		5133.96	46.01	-7.99	54	39.33	31.96	9.98	35.26	100	182	A	V
	*	5250	96.48	-	-	90.11	31.6	10.09	35.32	100	182	P	V
	*	5250	88.7	-	-	82.33	31.6	10.09	35.32	100	182	P	V
		5376.02	59.34	-14.66	74	53.07	31.46	10.19	35.38	100	182	P	V
		5383.56	51.87	-2.13	54	45.55	31.5	10.2	35.38	100	182	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10500	46.77	-21.43	68.2	53.28	39.8	14.62	60.93	-	-	P	H
		10850	49.51	-24.49	74	55.29	40.3	14.8	60.88	-	-	P	H
		10850	39.5	-14.5	54	45.28	40.3	14.8	60.88	-	-	A	H
		14491	49.9	-24.1	74	55.22	41.37	16.48	63.17	-	-	P	H
		14491	39.88	-14.12	54	45.2	41.37	16.48	63.17	-	-	A	H
		15750	46.84	-27.16	74	53.63	37.65	17.12	61.56	-	-	P	H
		17989	59.03	-14.97	74	49.19	48.18	18.93	57.27	-	-	P	H
		17989	49.57	-4.43	54	39.73	48.18	18.93	57.27	-	-	A	H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 50		10500	46.65	-21.55	68.2	53.16	39.8	14.62	60.93	-	-	P	V
5250MHz		10795	50.51	-23.49	74	56.45	40.18	14.77	60.89	-	-	P	V
		10795	40.49	-13.51	54	46.43	40.18	14.77	60.89	-	-	A	V
		14500	50.46	-17.74	68.2	55.75	41.4	16.48	63.17	-	-	P	V
		14500	40.44	-13.56	54	45.73	41.4	16.48	63.17	-	-	A	V
		15750	45.79	-28.21	74	52.58	37.65	17.12	61.56	-	-	P	V
		18000	58.46	-15.54	74	48.36	48.4	18.94	57.24	-	-	P	V
		18000	48.42	-5.58	54	38.32	48.4	18.94	57.24	-	-	A	V
													V
													V
													V
													V

Remark	<ol style="list-style-type: none"> 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.
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Band 2 - 5250~5350MHz
WiFi 802.11a (Band Edge @ 3m)

WiFi Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5121.72	51.76	-22.24	74	45.04	32.01	9.97	35.26	246	234	P	H
		5099.28	40.05	-13.95	54	33.26	32.1	9.94	35.25	246	234	A	H
	*	5260	107.83	-	-	101.47	31.58	10.1	35.32	246	234	P	H
	*	5260	100.27	-	-	93.91	31.58	10.1	35.32	246	234	A	H
		5452.32	49.47	-24.53	74	42.84	31.8	10.25	35.42	246	234	P	H
		5444.64	39.55	-14.45	54	32.93	31.78	10.25	35.41	246	234	A	H
		5126.82	53.09	-20.91	74	46.39	31.99	9.97	35.26	100	190	P	V
		5147.56	40.46	-13.54	54	33.83	31.91	9.99	35.27	100	190	A	V
	*	5260	111.05	-	-	104.69	31.58	10.1	35.32	100	190	P	V
	*	5260	103.17	-	-	96.81	31.58	10.1	35.32	100	190	A	V
		5376.72	54.26	-19.74	74	47.99	31.46	10.19	35.38	100	190	P	V
		5429.52	40.55	-13.45	54	34	31.72	10.24	35.41	100	190	A	V
802.11a CH 60 5300MHz		5093.16	50.38	-23.62	74	43.62	32.06	9.94	35.24	272	237	P	H
		5102.68	39.55	-14.45	54	32.76	32.09	9.95	35.25	272	237	A	H
	*	5300	106.91	-	-	100.62	31.5	10.13	35.34	272	237	P	H
	*	5300	99.44	-	-	93.15	31.5	10.13	35.34	272	237	A	H
		5402.88	49.98	-24.02	74	43.55	31.61	10.21	35.39	272	237	P	H
		5457.84	39.69	-14.31	54	33.03	31.82	10.26	35.42	272	237	A	H
		5126.48	50.31	-23.69	74	43.61	31.99	9.97	35.26	100	190	P	V
		5147.9	40.23	-13.77	54	33.59	31.91	10	35.27	100	190	A	V
	*	5300	109.76	-	-	103.47	31.5	10.13	35.34	100	190	P	V
	*	5300	101.69	-	-	95.4	31.5	10.13	35.34	100	190	A	V
		5361.36	58.59	-15.41	74	52.41	31.37	10.18	35.37	100	190	P	V
		5352.48	41.12	-12.88	54	35.01	31.31	10.17	35.37	100	190	A	V



802.11a CH 64 5320MHz	*	5320	107.71	-	-	101.49	31.42	10.15	35.35	260	233	P	H
	*	5320	99.38	-	-	93.16	31.42	10.15	35.35	260	233	A	H
		5351.2	59.4	-14.6	74	53.29	31.31	10.17	35.37	260	233	P	H
		5350.56	47.8	-6.2	54	41.7	31.3	10.17	35.37	260	233	A	H
													H
													H
	*	5320	109.09	-	-	102.87	31.42	10.15	35.35	100	179	P	V
	*	5320	101.34	-	-	95.12	31.42	10.15	35.35	100	179	A	V
		5353.44	61.54	-12.46	74	55.42	31.32	10.17	35.37	100	179	P	V
		5352	48.65	-5.35	54	42.54	31.31	10.17	35.37	100	179	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	58.33	-9.87	68.2	64.83	39.8	14.63	60.93	100	311	P	H
		10971	50.83	-23.17	74	56.29	40.54	14.86	60.86	-	-	P	H
		10971	40.82	-13.18	54	46.28	40.54	14.86	60.86	-	-	A	H
		14500	50.85	-17.35	68.2	56.14	41.4	16.48	63.17	-	-	P	H
		14500	40.84	-13.16	54	46.13	41.4	16.48	63.17	-	-	A	H
		15780	56.25	-17.75	74	62.88	37.68	17.14	61.45	268	8	P	H
		15780	42.57	-11.43	54	49.2	37.68	17.14	61.45	268	8	A	H
		17989	59.34	-14.66	74	49.5	48.18	18.93	57.27	-	-	P	H
		17989	49.29	-4.71	54	39.45	48.18	18.93	57.27	-	-	A	H
													H
													H
													H
802.11a													
CH 52													
5260MHz		10520	59.83	-8.37	68.2	66.33	39.8	14.63	60.93	100	25	P	V
		10927	51.61	-22.39	74	57.19	40.45	14.84	60.87	-	-	P	V
		10927	41.58	-12.42	54	47.16	40.45	14.84	60.87	-	-	A	V
		14480	50.55	-23.45	74	55.92	41.34	16.47	63.18	-	-	P	V
		14480	40.59	-13.41	54	45.96	41.34	16.47	63.18	-	-	A	V
		15780	50.9	-23.1	74	57.53	37.68	17.14	61.45	100	29	P	V
		15780	40.29	-13.71	54	46.92	37.68	17.14	61.45	100	29	A	V
		18000	59.46	-14.54	74	49.36	48.4	18.94	57.24	-	-	P	V
		18000	49.39	-4.61	54	39.29	48.4	18.94	57.24	-	-	A	V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
i802.11a CH 60 5300MHz		10600	57.76	-16.24	74	64.21	39.8	14.67	60.92	100	250	P	H	
		10600	47.45	-6.55	54	53.9	39.8	14.67	60.92	100	250	A	H	
		10773	49.33	-24.67	74	55.37	40.09	14.76	60.89	-	-	P	H	
		10773	39.56	-14.44	54	45.6	40.09	14.76	60.89	-	-	A	H	
		14491	48.73	-25.27	74	54.05	41.37	16.48	63.17	-	-	P	H	
		14491	39.95	-14.05	54	45.27	41.37	16.48	63.17	-	-	A	H	
		15900	50.45	-23.55	74	56.65	37.6	17.19	60.99	100	339	P	H	
		15900	37.6	-16.4	54	43.8	37.6	17.19	60.99	100	339	A	H	
		17978	57.75	-16.25	74	48.15	47.96	18.93	57.29	-	-	P	H	
		17978	47.97	-6.03	54	38.37	47.96	18.93	57.29	-	-	A	H	
														H
														H
			10600	60.23	-13.77	74	66.68	39.8	14.67	60.92	100	50	P	V
			10600	50.88	-3.12	54	57.33	39.8	14.67	60.92	100	50	A	V
			10861	49.21	-24.79	74	54.97	40.32	14.8	60.88	-	-	P	V
			10861	39.43	-14.57	54	45.19	40.32	14.8	60.88	-	-	A	V
			14480	48.65	-25.35	74	54.02	41.34	16.47	63.18	-	-	P	V
			14480	39.88	-14.12	54	45.25	41.34	16.47	63.18	-	-	A	V
			15900	47.16	-26.84	74	53.36	37.6	17.19	60.99	-	-	P	V
			18000	57.54	-16.46	74	47.44	48.4	18.94	57.24	-	-	P	V
		18000	47.76	-6.24	54	37.66	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 64 5320MHz		10640	55.92	-18.08	74	62.34	39.8	14.69	60.91	100	253	P	H	
		10640	46.2	-7.8	54	52.62	39.8	14.69	60.91	100	253	A	H	
		10861	39.47	-34.53	74	45.23	40.32	14.8	60.88	-	-	P	H	
		10861	49.25	-24.75	74	55.01	40.32	14.8	60.88	-	-	P	H	
		14480	48.54	-25.46	74	53.91	41.34	16.47	63.18	-	-	P	H	
		14480	39.77	-14.23	54	45.14	41.34	16.47	63.18	-	-	A	H	
		15960	48.93	-25.07	74	54.92	37.54	17.23	60.76	100	340	P	H	
		15960	37.5	-16.5	54	43.49	37.54	17.23	60.76	100	340	A	H	
		17989	57.66	-16.34	74	47.82	48.18	18.93	57.27	-	-	P	H	
		17989	47.89	-6.11	54	38.05	48.18	18.93	57.27	-	-	A	H	
														H
														H
			10640	60.67	-13.33	74	67.09	39.8	14.69	60.91	100	50	P	V
			10640	50.8	-3.2	54	57.22	39.8	14.69	60.91	100	50	A	V
			10806	48.98	-25.02	74	54.88	40.21	14.78	60.89	-	-	P	V
			10806	39.21	-14.79	54	45.11	40.21	14.78	60.89	-	-	A	V
			14480	48.53	-25.47	74	53.9	41.34	16.47	63.18	-	-	P	V
			14480	38.75	-15.25	54	44.12	41.34	16.47	63.18	-	-	A	V
			15960	46.1	-27.9	74	52.09	37.54	17.23	60.76	-	-	P	V
			17989	57.87	-16.13	74	48.03	48.18	18.93	57.27	-	-	P	V
		17989	48.1	-5.9	54	38.26	48.18	18.93	57.27	-	-	A	V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 													



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5085	49.55	-24.45	74	42.85	32.01	9.93	35.24	247	230	P	H
		5090.78	40	-14	54	33.26	32.04	9.94	35.24	247	230	A	H
	*	5260	108.19	-	-	101.83	31.58	10.1	35.32	247	230	P	H
	*	5260	90.53	-	-	84.17	31.58	10.1	35.32	247	230	A	H
		5449.68	49.05	-24.95	74	42.42	31.8	10.25	35.42	247	230	P	H
		5440.32	39.58	-14.42	54	32.99	31.76	10.24	35.41	247	230	A	H
		5128.86	53.55	-20.45	74	46.85	31.98	9.98	35.26	100	191	P	V
		5149.6	40.47	-13.53	54	33.84	31.9	10	35.27	100	191	A	V
	*	5260	112.03	-	-	105.67	31.58	10.1	35.32	100	191	P	V
	*	5260	103.64	-	-	97.28	31.58	10.1	35.32	100	191	A	V
		5394.24	54.83	-19.17	74	48.44	31.57	10.21	35.39	100	191	P	V
		5436.96	40.48	-13.52	54	33.9	31.75	10.24	35.41	100	191	A	V
802.11n HT20 CH 60 5300MHz		5100.3	49.05	-24.95	74	42.25	32.1	9.95	35.25	230	232	P	H
		5101.32	39.65	-14.35	54	32.86	32.09	9.95	35.25	230	232	A	H
	*	5300	107.57	-	-	101.28	31.5	10.13	35.34	230	232	P	H
	*	5300	99.69	-	-	93.4	31.5	10.13	35.34	230	232	A	H
		5363.04	51.72	-22.28	74	45.53	31.38	10.18	35.37	230	232	P	H
		5350.32	40.38	-13.62	54	34.28	31.3	10.17	35.37	230	232	A	H
		5089.42	49.25	-24.75	74	42.52	32.04	9.93	35.24	100	191	P	V
		5149.6	40.52	-13.48	54	33.89	31.9	10	35.27	100	191	A	V
	*	5300	110.73	-	-	104.44	31.5	10.13	35.34	100	191	P	V
	*	5300	102.97	-	-	96.68	31.5	10.13	35.34	100	191	A	V
	5353.44	61.52	-12.48	74	55.4	31.32	10.17	35.37	100	191	P	V	
	5350.08	42.72	-11.28	54	36.62	31.3	10.17	35.37	100	191	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	106.95	-	-	100.73	31.42	10.15	35.35	250	229	P	H
	*	5320	98.8	-	-	92.58	31.42	10.15	35.35	250	229	A	H
		5353.12	58.39	-15.61	74	52.27	31.32	10.17	35.37	250	229	P	H
		5350.56	47.88	-6.12	54	41.78	31.3	10.17	35.37	250	229	A	H
													H
													H
	*	5320	109.59	-	-	103.37	31.42	10.15	35.35	100	194	P	V
	*	5320	102.16	-	-	95.94	31.42	10.15	35.35	100	194	A	V
		5351.04	65.13	-8.87	74	59.02	31.31	10.17	35.37	100	194	P	V
		5351.04	50.54	-3.46	54	44.43	31.31	10.17	35.37	100	194	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 52 5260MHz		10520	54.29	-13.91	68.2	60.79	39.8	14.63	60.93	-	-	P	H	
		10927	49.15	-24.85	74	54.73	40.45	14.84	60.87	-	-	P	H	
		10927	39.38	-14.62	54	44.96	40.45	14.84	60.87	-	-	A	H	
		14491	49.65	-24.35	74	54.97	41.37	16.48	63.17	-	-	P	H	
		14491	40.87	-13.13	54	46.19	41.37	16.48	63.17	-	-	A	H	
		15780	49.26	-24.74	74	55.89	37.68	17.14	61.45	100	342	P	H	
		15780	39.07	-14.93	54	45.7	37.68	17.14	61.45	100	342	A	H	
		17989	57.86	-16.14	74	48.02	48.18	18.93	57.27	-	-	P	H	
		17989	48.13	-5.87	54	38.29	48.18	18.93	57.27	-	-	A	H	
														H
														H
														H
			10520	56.11	-12.09	68.2	62.61	39.8	14.63	60.93	-	-	P	V
			10949	48.92	-25.08	74	54.44	40.5	14.85	60.87	-	-	P	V
			10949	39.14	-14.86	54	44.66	40.5	14.85	60.87	-	-	A	V
			14490	48.21	-25.79	74	53.53	41.37	16.48	63.17	-	-	P	V
			14490	39.43	-14.57	54	44.75	41.37	16.48	63.17	-	-	A	V
			15780	46.09	-27.91	74	52.72	37.68	17.14	61.45	-	-	P	V
			18000	58.36	-15.64	74	48.26	48.4	18.94	57.24	-	-	P	V
		18000	48.59	-5.41	54	38.49	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 60 5300MHz		10600	56.36	-17.64	74	62.81	39.8	14.67	60.92	100	250	P	H	
		10600	47.12	-6.88	54	53.57	39.8	14.67	60.92	100	250	A	H	
		10938	49.21	-24.79	74	54.76	40.48	14.84	60.87	-	-	P	H	
		10938	39.44	-14.56	54	44.99	40.48	14.84	60.87	-	-	A	H	
		14491	49.42	-24.58	74	54.74	41.37	16.48	63.17	-	-	P	H	
		14491	39.64	-14.36	54	44.96	41.37	16.48	63.17	-	-	A	H	
		15900	46.54	-27.46	74	52.74	37.6	17.19	60.99	-	-	P	H	
		17989	57.15	-16.85	74	47.31	48.18	18.93	57.27	-	-	P	H	
		17989	47.37	-6.63	54	37.53	48.18	18.93	57.27	-	-	A	H	
														H
														H
														H
			10600	60.18	-13.82	74	66.63	39.8	14.67	60.92	100	48	P	V
			10600	50.54	-3.46	54	56.99	39.8	14.67	60.92	100	48	A	V
			10839	48.97	-25.03	74	54.78	40.28	14.79	60.88	-	-	P	V
			10839	39.18	-14.82	54	44.99	40.28	14.79	60.88	-	-	A	V
			14490	48.34	-25.66	74	53.66	41.37	16.48	63.17	-	-	P	V
			14490	39.56	-14.44	54	44.88	41.37	16.48	63.17	-	-	A	V
			15900	45.12	-28.88	74	51.32	37.6	17.19	60.99	-	-	P	V
		17989	56.89	-17.11	74	47.05	48.18	18.93	57.27	-	-	P	V	
		17989	47.12	-6.88	54	37.28	48.18	18.93	57.27	-	-	A	V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 64 5320MHz		10640	56.5	-17.5	74	62.92	39.8	14.69	60.91	100	253	P	H	
		10640	46.99	-7.01	54	53.41	39.8	14.69	60.91	100	253	A	H	
		10971	48.83	-25.17	74	54.29	40.54	14.86	60.86	-	-	P	H	
		10971	38.85	-15.15	54	44.31	40.54	14.86	60.86	-	-	A	H	
		14490	47.9	-26.1	74	53.22	41.37	16.48	63.17	-	-	P	H	
		14490	39.13	-14.87	54	44.45	41.37	16.48	63.17	-	-	A	H	
		15960	47.82	-26.18	74	53.81	37.54	17.23	60.76	-	-	P	H	
		18000	57.03	-16.97	74	46.93	48.4	18.94	57.24	-	-	P	H	
		18000	47.27	-6.73	54	37.17	48.4	18.94	57.24	-	-	A	H	
														H
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														H
			10640	59.84	-14.16	74	66.26	39.8	14.69	60.91	100	48	P	V
			10640	50.66	-3.34	54	57.08	39.8	14.69	60.91	100	48	A	V
			10839	49.11	-24.89	74	54.92	40.28	14.79	60.88	-	-	P	V
			10839	39.34	-14.66	54	45.15	40.28	14.79	60.88	-	-	A	V
			14491	48.62	-25.38	74	53.94	41.37	16.48	63.17	-	-	P	V
			14491	39.85	-14.15	54	45.17	41.37	16.48	63.17	-	-	A	V
			15960	46.56	-27.44	74	52.55	37.54	17.23	60.76	-	-	P	V
			18000	57.08	-16.92	74	46.98	48.4	18.94	57.24	-	-	P	V
		18000	47.21	-6.79	54	37.11	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 													



**Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5127.84	49.81	-24.19	74	43.11	31.99	9.97	35.26	244	233	P	H
		5146.2	41	-13	54	34.36	31.92	9.99	35.27	244	233	A	H
	*	5270	104.04	-	-	97.7	31.56	10.11	35.33	244	233	P	H
	*	5270	96.89	-	-	90.55	31.56	10.11	35.33	244	233	A	H
		5356.56	54.05	-19.95	74	47.9	31.34	10.18	35.37	244	233	P	H
		5351.04	40.94	-13.06	54	34.83	31.31	10.17	35.37	244	233	A	H
		5109.82	50.64	-23.36	74	43.87	32.06	9.96	35.25	100	185	P	V
		5146.54	41.54	-12.46	54	34.91	31.91	9.99	35.27	100	185	A	V
	*	5270	107.37	-	-	101.03	31.56	10.11	35.33	100	185	P	V
	*	5270	99.96	-	-	93.62	31.56	10.11	35.33	100	185	A	V
		5358.48	56	-18	74	49.84	31.35	10.18	35.37	100	185	P	V
		5352.24	42.87	-11.13	54	36.76	31.31	10.17	35.37	100	185	A	V
802.11n HT40 CH 62 5310MHz		5145.18	49.71	-24.29	74	43.07	31.92	9.99	35.27	255	236	P	H
		5131.92	40.1	-13.9	54	33.41	31.97	9.98	35.26	255	236	A	H
	*	5310	101.4	-	-	95.15	31.46	10.14	35.35	255	236	A	H
	*	5310	94.22	-	-	87.97	31.46	10.14	35.35	255	236	A	H
		5351.76	60.31	-13.69	74	54.2	31.31	10.17	35.37	255	236	P	H
		5350.32	49.93	-4.07	54	43.83	31.3	10.17	35.37	255	236	A	H
		5076.16	50.67	-23.33	74	44.03	31.96	9.92	35.24	100	193	P	V
		5131.58	40.59	-13.41	54	33.9	31.97	9.98	35.26	100	193	A	V
	*	5310	104.35	-	-	98.1	31.46	10.14	35.35	100	193	P	V
	*	5310	97.03	-	-	90.78	31.46	10.14	35.35	100	193	A	V
	5351.76	63.3	-10.7	74	57.19	31.31	10.17	35.37	100	193	P	V	
	5351.52	51.48	-2.52	54	45.37	31.31	10.17	35.37	100	193	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT40 CH 54 5270MHz		10540	53.33	-14.87	68.2	59.81	39.8	14.64	60.92	100	28	P	H	
		10960	51.64	-22.36	74	57.14	40.52	14.85	60.87	-	-	P	H	
		10960	41.63	-12.37	54	47.13	40.52	14.85	60.87	-	-	A	H	
		14480	50.8	-23.2	74	56.17	41.34	16.47	63.18	-	-	P	H	
		14480	40.79	-13.21	54	46.16	41.34	16.47	63.18	-	-	A	H	
		15810	48	-26	74	54.49	37.69	17.15	61.33	-	-	P	H	
		18000	58.4	-15.6	74	48.3	48.4	18.94	57.24	-	-	P	H	
		18000	48.36	-5.64	54	38.26	48.4	18.94	57.24	-	-	A	H	
														H
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														H
														H
			10540	53.17	-15.03	68.2	59.65	39.8	14.64	60.92	100	313	P	V
			10795	50.89	-23.11	74	56.83	40.18	14.77	60.89	-	-	P	V
			10795	40.88	-13.12	54	46.82	40.18	14.77	60.89	-	-	A	V
			14470	50.37	-17.83	68.2	55.77	41.31	16.47	63.18	-	-	P	V
			14470	40.35	-13.65	54	45.75	41.31	16.47	63.18	-	-	A	V
			15810	45.03	-28.97	74	51.52	37.69	17.15	61.33	-	-	P	V
		17989	58.23	-15.77	74	48.39	48.18	18.93	57.27	-	-	P	V	
		17989	48.16	-5.84	54	38.32	48.18	18.93	57.27	-	-	A	V	
													V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT40 CH 62 5310MHz		10620	53.13	-20.87	74	59.56	39.8	14.68	60.91	100	255	P	H	
		10620	43.76	-10.24	54	50.19	39.8	14.68	60.91	100	255	A	H	
		14480	50.91	-23.09	74	56.28	41.34	16.47	63.18	-	-	P	H	
		14480	40.89	-13.11	54	46.26	41.34	16.47	63.18	-	-	A	H	
		15930	45.59	-28.41	74	51.68	37.57	17.22	60.88	-	-	P	H	
		18000	58.49	-15.51	74	48.39	48.4	18.94	57.24	-	-	P	H	
		18000	48.46	-5.54	54	38.36	48.4	18.94	57.24	-	-	A	H	
														H
														H
														H
														H
														H
			10620	55.53	-18.47	74	61.96	39.8	14.68	60.91	100	10	P	V
			10620	46.1	-7.9	54	52.53	39.8	14.68	60.91	100	10	A	V
			14491	50.43	-23.57	74	55.75	41.37	16.48	63.17	-	-	P	V
			14491	40.41	-13.59	54	45.73	41.37	16.48	63.17	-	-	A	V
			15930	45.4	-28.6	74	51.49	37.57	17.22	60.88	-	-	P	V
			18000	58.39	-15.61	74	48.29	48.4	18.94	57.24	-	-	P	V
		18000	48.27	-5.73	54	38.17	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 													



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5141.78	48.46	-25.54	74	41.81	31.93	9.99	35.27	247	233	P	H
		5085.68	41.92	-12.08	54	35.22	32.01	9.93	35.24	247	233	A	H
	*	5290	97.18	-	-	90.88	31.52	10.12	35.34	247	233	P	H
	*	5290	90.41	-	-	84.11	31.52	10.12	35.34	247	233	A	H
		5353.92	57.94	-16.06	74	51.82	31.32	10.17	35.37	247	233	P	H
		5358.48	47.83	-6.17	54	41.67	31.35	10.18	35.37	247	233	A	H
		5146.2	50.71	-23.29	74	44.07	31.92	9.99	35.27	100	188	P	V
		5114.24	42.47	-11.53	54	35.72	32.04	9.96	35.25	100	188	A	V
	*	5290	100.67	-	-	94.37	31.52	10.12	35.34	100	188	P	V
	*	5290	93.84	-	-	87.54	31.52	10.12	35.34	100	188	A	V
		5358.48	58.03	-15.97	74	51.87	31.35	10.18	35.37	100	188	P	V
		5353.68	51.55	-2.45	54	45.43	31.32	10.17	35.37	100	188	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT80 CH 58 5290MHz		10580	47.4	-20.8	68.2	53.86	39.8	14.66	60.92	-	-	P	H	
		10960	51.1	-22.9	74	56.6	40.52	14.85	60.87	-	-	P	H	
		10960	41.02	-12.98	54	46.52	40.52	14.85	60.87	-	-	A	H	
		14491	50.19	-23.81	74	55.51	41.37	16.48	63.17	-	-	P	H	
		14491	40.2	-13.8	54	45.52	41.37	16.48	63.17	-	-	A	H	
		15870	45.28	-28.72	74	51.57	37.63	17.18	61.1	-	-	P	H	
		18000	58.87	-15.13	74	48.77	48.4	18.94	57.24	-	-	P	H	
		18000	48.79	-5.21	54	38.69	48.4	18.94	57.24	-	-	A	H	
														H
														H
														H
														H
														H
			10580	51.12	-17.08	68.2	57.58	39.8	14.66	60.92	100	312	P	V
			10850	50.35	-23.65	74	56.13	40.3	14.8	60.88	-	-	P	V
			10850	40.34	-13.66	54	46.12	40.3	14.8	60.88	-	-	A	V
			14480	50.31	-23.69	74	55.68	41.34	16.47	63.18	-	-	P	V
			14480	40.25	-13.75	54	45.62	41.34	16.47	63.18	-	-	A	V
		15870	45.25	-28.75	74	51.54	37.63	17.18	61.1	-	-	P	V	
		18000	58.62	-15.38	74	48.52	48.4	18.94	57.24	-	-	P	V	
		18000	48.46	-5.54	54	38.36	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	
													V	

Remark

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
- The emission level close to 18GHz is checked that the average emission level is noise floor only.



Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 100 5500MHz		5459.92	55.61	-18.39	74	48.95	31.82	10.26	35.42	301	235	P	H	
		5468.4	61.37	-6.83	68.2	54.68	31.84	10.27	35.42	301	235	P	H	
		5460	42.56	-11.44	54	35.9	31.82	10.26	35.42	301	235	A	H	
	*	5500	106.03	-	-	99.27	31.9	10.3	35.44	301	235	P	H	
	*	5500	99.52	-	-	92.76	31.9	10.3	35.44	301	235	A	H	
														H
			5458.96	61.25	-12.75	74	54.59	31.82	10.26	35.42	100	189	P	V
			5469.2	66.04	-2.16	68.2	59.36	31.84	10.27	35.43	100	189	P	V
			5459.44	46.52	-7.48	54	39.86	31.82	10.26	35.42	100	189	A	V
	*		5500	110.83	-	-	104.07	31.9	10.3	35.44	100	189	P	V
	*		5500	102.98	-	-	96.22	31.9	10.3	35.44	100	189	A	V
														V
802.11a CH 116 5580MHz		5433.52	49.28	-24.72	74	42.72	31.73	10.24	35.41	240	46	P	H	
		5464.48	48.1	-20.1	68.2	41.43	31.83	10.26	35.42	240	46	P	H	
		5439.28	39.21	-14.79	54	32.62	31.76	10.24	35.41	240	46	A	H	
	*	5580	107.17	-	-	100.09	32	10.36	35.28	240	46	P	H	
	*	5580	99.52	-	-	92.44	32	10.36	35.28	240	46	A	H	
			5733.185	49.65	-18.55	68.2	42.07	32.03	10.53	34.98	240	46	P	H
			5445.28	53.61	-20.39	74	46.99	31.78	10.25	35.41	100	187	P	V
			5469.76	49.87	-18.33	68.2	43.19	31.84	10.27	35.43	100	187	P	V
			5448.4	40.51	-13.49	54	33.89	31.79	10.25	35.42	100	187	A	V
	*		5580	111.09	-	-	104.01	32	10.36	35.28	100	187	P	V
	*		5580	102.88	-	-	95.8	32	10.36	35.28	100	187	A	V
			5752.715	52.48	-15.72	68.2	44.77	32.1	10.55	34.94	100	187	P	V



802.11a CH 140 5700MHz	*	5700	105.19	-	-	97.84	31.9	10.49	35.04	324	16	P	H
	*	5700	97.24	-	-	89.89	31.9	10.49	35.04	324	16	A	H
		5726.04	61.19	-7.01	68.2	53.66	32	10.52	34.99	324	16	P	H
													H
													H
													H
	*	5700	110.24	-	-	102.89	31.9	10.49	35.04	100	192	P	V
	*	5700	102.27	-	-	94.92	31.9	10.49	35.04	100	192	A	V
		5725.72	65.74	-2.46	68.2	58.21	32	10.52	34.99	100	192	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 100 5500MHz		11000	52.67	-21.33	74	58.05	40.6	14.88	60.86	100	286	P	H	
		11000	42.44	-11.56	54	47.82	40.6	14.88	60.86	100	286	A	H	
		11763	48.05	-25.95	74	54.79	39.15	15.26	61.15	-	-	P	H	
		11763	38.26	-15.74	54	45	39.15	15.26	61.15	-	-	A	H	
		14480	48.87	-25.13	74	54.24	41.34	16.47	63.18	-	-	P	H	
		14480	40.29	-13.71	54	45.66	41.34	16.47	63.18	-	-	A	H	
		16500	51.61	-16.59	68.2	53.19	39.3	17.68	58.56	-	-	P	H	
		18000	57.33	-16.67	74	47.23	48.4	18.94	57.24	-	-	P	H	
		18000	47.58	-6.42	54	37.48	48.4	18.94	57.24	-	-	A	H	
														H
														H
														H
			11000	55.29	-18.71	74	60.67	40.6	14.88	60.86	100	6	P	V
			11000	44.72	-9.28	54	50.1	40.6	14.88	60.86	100	6	A	V
			11752	48.45	-25.55	74	55.15	39.19	15.25	61.14	-	-	P	V
			11752	38.68	-15.32	54	45.38	39.19	15.25	61.14	-	-	A	V
			14480	48.69	-25.31	74	54.06	41.34	16.47	63.18	-	-	P	V
			14480	39.92	-14.08	54	45.29	41.34	16.47	63.18	-	-	A	V
			16500	50.75	-17.45	68.2	52.33	39.3	17.68	58.56	-	-	P	V
			18000	57.8	-16.2	74	47.7	48.4	18.94	57.24	-	-	P	V
		18000	48.01	-5.99	54	37.91	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 116 5580MHz		10894	50.77	-23.23	74	56.43	40.39	14.82	60.87	-	-	P	H	
		10894	40.75	-13.25	54	46.41	40.39	14.82	60.87	-	-	A	H	
		11160	51.59	-22.41	74	57.37	40.12	14.96	60.86	344	35	P	H	
		11160	41.72	-12.28	54	47.5	40.12	14.96	60.86	344	35	A	H	
		14470	50.88	-17.32	68.2	56.28	41.31	16.47	63.18	-	-	P	H	
		14470	40.8	-13.2	54	46.2	41.31	16.47	63.18	-	-	A	H	
		16740	53.57	-14.63	68.2	54.58	39.74	17.88	58.63	100	77	P	H	
		18000	59.06	-14.94	74	48.96	48.4	18.94	57.24	-	-	P	H	
		18000	49.02	-4.98	54	38.92	48.4	18.94	57.24	-	-	A	H	
														H
														H
														H
			10883	50.57	-23.43	74	56.26	40.37	14.82	60.88	-	-	P	V
			10883	40.54	-13.46	54	46.23	40.37	14.82	60.88	-	-	A	V
			11160	52.07	-21.93	74	57.85	40.12	14.96	60.86	100	210	P	V
			11160	41.96	-12.04	54	47.74	40.12	14.96	60.86	100	210	A	V
			14470	50.51	-17.69	68.2	55.91	41.31	16.47	63.18	-	-	P	V
			14470	40.49	-13.51	54	45.89	41.31	16.47	63.18	-	-	A	V
			16740	53.77	-14.43	68.2	54.78	39.74	17.88	58.63	100	46	P	V
			18000	58.86	-15.14	74	48.76	48.4	18.94	57.24	-	-	P	V
		18000	48.82	-5.18	54	38.72	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 140 5700MHz		10949	50.76	-23.24	74	56.28	40.5	14.85	60.87	-	-	P	H	
		10949	40.75	-13.25	54	46.27	40.5	14.85	60.87	-	-	A	H	
		11400	53.42	-20.58	74	59.01	40.2	15.08	60.87	100	33	P	H	
		11400	43.23	-10.77	54	48.82	40.2	15.08	60.87	100	33	A	H	
		14500	50.41	-17.79	68.2	55.7	41.4	16.48	63.17	-	-	P	H	
		14500	40.4	-13.6	54	45.69	41.4	16.48	63.17	-	-	A	H	
		17100	48.61	-19.59	68.2	48.67	40.4	18.18	58.64	-	-	P	H	
		17989	59.33	-14.67	74	49.49	48.18	18.93	57.27	-	-	P	H	
		17989	49.21	-4.79	54	39.37	48.18	18.93	57.27	-	-	A	H	
														H
														H
														H
			10839	50.51	-23.49	74	56.32	40.28	14.79	60.88	-	-	P	V
			10839	40.5	-13.5	54	46.31	40.28	14.79	60.88	-	-	A	V
			11400	53.48	-20.52	74	59.07	40.2	15.08	60.87	100	359	P	V
			11400	44.29	-9.71	54	49.88	40.2	15.08	60.87	100	359	A	V
			14480	50.3	-23.7	74	55.67	41.34	16.47	63.18	-	-	P	V
			14480	41.52	-12.48	54	46.89	41.34	16.47	63.18	-	-	A	V
			17100	49.46	-18.74	68.2	49.52	40.4	18.18	58.64	-	-	P	V
			17989	58.24	-15.76	74	48.4	48.18	18.93	57.27	-	-	P	V
		17989	48.23	-5.77	54	38.39	48.18	18.93	57.27	-	-	A	V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 													



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 100 5500MHz		5459.76	54.55	-19.45	74	47.89	31.82	10.26	35.42	100	228	P	H	
		5470	59.11	-9.09	68.2	52.43	31.84	10.27	35.43	100	228	P	H	
		5459.92	40.47	-13.53	54	33.81	31.82	10.26	35.42	100	228	A	H	
	*	5500	103.34	-	-	96.58	31.9	10.3	35.44	100	228	P	H	
	*	5500	95.6	-	-	88.84	31.9	10.3	35.44	100	228	A	H	
														H
			5459.76	60.99	-13.01	74	54.33	31.82	10.26	35.42	100	189	P	V
			5469.2	66.42	-1.78	68.2	59.74	31.84	10.27	35.43	100	189	P	V
			5459.6	45.53	-8.47	54	38.87	31.82	10.26	35.42	100	189	A	V
	*		5500	110.88	-	-	104.12	31.9	10.3	35.44	100	189	P	V
	*		5500	102.58	-	-	95.82	31.9	10.3	35.44	100	189	A	V
													V	
802.11n HT20 CH 116 5580MHz		5381.92	48.38	-25.62	74	42.07	31.49	10.2	35.38	100	228	P	H	
		5463.28	49.31	-18.89	68.2	42.64	31.83	10.26	35.42	100	228	P	H	
		5452.96	38.62	-15.38	54	31.97	31.81	10.26	35.42	100	228	A	H	
	*	5580	103.57	-	-	96.49	32	10.36	35.28	100	228	P	H	
	*	5580	95.17	-	-	88.09	32	10.36	35.28	100	228	A	H	
			5749.88	49.05	-19.15	68.2	41.36	32.1	10.54	34.95	100	228	P	H
			5409.76	52.75	-21.25	74	46.29	31.64	10.22	35.4	100	193	P	V
			5463.76	50.82	-17.38	68.2	44.15	31.83	10.26	35.42	100	193	P	V
			5452	40.28	-13.72	54	33.65	31.8	10.25	35.42	100	193	A	V
	*		5580	110.67	-	-	103.59	32	10.36	35.28	100	193	P	V
	*		5580	102.43	-	-	95.35	32	10.36	35.28	100	193	A	V
		5751.455	53.64	-14.56	68.2	45.93	32.1	10.55	34.94	100	193	P	V	



802.11n HT20 CH 140 5700MHz	*	5700	105.43	-	-	98.08	31.9	10.49	35.04	400	41	P	H
	*	5700	97.18	-	-	89.83	31.9	10.49	35.04	400	41	A	H
		5725	64.88	-3.32	68.2	57.35	32	10.52	34.99	400	41	P	H
													H
													H
													H
	*	5700	111.55	-	-	104.2	31.9	10.49	35.04	100	200	P	V
	*	5700	103.25	-	-	95.9	31.9	10.49	35.04	100	200	A	V
		5725.56	66.32	-1.88	68.2	58.79	32	10.52	34.99	100	200	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10949	50.58	-23.42	74	56.1	40.5	14.85	60.87	-	-	P	H
		10949	40.86	-13.14	54	46.38	40.5	14.85	60.87	-	-	A	H
		11000	51.43	-22.57	74	56.81	40.6	14.88	60.86	100	24	P	H
		11000	42.35	-11.65	54	47.73	40.6	14.88	60.86	100	24	A	H
		14491	49.26	-24.74	74	54.58	41.37	16.48	63.17	-	-	P	H
		14491	40.38	-13.62	54	45.7	41.37	16.48	63.17	-	-	A	H
		16500	50.41	-17.79	68.2	51.99	39.3	17.68	58.56	-	-	P	H
		18000	57.86	-16.14	74	47.76	48.4	18.94	57.24	-	-	P	H
		18000	48.09	-5.91	54	37.99	48.4	18.94	57.24	-	-	A	H
													H
													H
													H
802.11n													
HT20													
CH 100		10883	49.48	-24.52	74	55.17	40.37	14.82	60.88	-	-	P	V
5500MHz		10883	39.7	-14.3	54	45.39	40.37	14.82	60.88	-	-	A	V
		11000	54.33	-19.67	74	59.71	40.6	14.88	60.86	100	359	P	V
		11000	44.95	-9.05	54	50.33	40.6	14.88	60.86	100	359	A	V
		14480	49.53	-24.47	74	54.9	41.34	16.47	63.18	-	-	P	V
		14480	40.76	-13.24	54	46.13	41.34	16.47	63.18	-	-	A	V
		16500	49.65	-18.55	68.2	51.23	39.3	17.68	58.56	-	-	P	V
		18000	57.85	-16.15	74	47.75	48.4	18.94	57.24	-	-	P	V
		18000	47.88	-6.12	54	37.78	48.4	18.94	57.24	-	-	A	V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10971	50.09	-23.91	74	55.55	40.54	14.86	60.86	-	-	P	H
		10971	40.31	-13.69	54	45.77	40.54	14.86	60.86	-	-	A	H
		11160	50.79	-23.21	74	56.57	40.12	14.96	60.86	100	11	P	H
		11160	41.75	-12.25	54	47.53	40.12	14.96	60.86	100	11	A	H
		14475	50.01	-23.99	74	55.39	41.33	16.47	63.18	-	-	P	H
		14475	41.24	-12.76	54	46.62	41.33	16.47	63.18	-	-	A	H
		16740	49.67	-18.53	68.2	50.68	39.74	17.88	58.63	-	-	P	H
		18000	57.62	-16.38	74	47.52	48.4	18.94	57.24	-	-	P	H
		18000	47.85	-6.15	54	37.75	48.4	18.94	57.24	-	-	A	H
													H
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													H
802.11n													
HT20													
CH 116		10949	50.21	-23.79	74	55.73	40.5	14.85	60.87	-	-	P	V
5580MHz		10949	40.44	-13.56	54	45.96	40.5	14.85	60.87	-	-	A	V
		11160	53.19	-20.81	74	58.97	40.12	14.96	60.86	100	359	P	V
		11160	43.56	-10.44	54	49.34	40.12	14.96	60.86	100	359	A	V
		14491	49.25	-24.75	74	54.57	41.37	16.48	63.17	-	-	P	V
		14491	40.47	-13.53	54	45.79	41.37	16.48	63.17	-	-	A	V
		16740	49.57	-18.63	68.2	50.58	39.74	17.88	58.63	-	-	P	V
		18000	58	-16	74	47.9	48.4	18.94	57.24	-	-	P	V
		18000	48.23	-5.77	54	38.13	48.4	18.94	57.24	-	-	A	V
													V
													V
													V



WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 140 5700MHz		10894	49.77	-24.23	74	55.43	40.39	14.82	60.87	-	-	P	H	
		10894	40	-14	54	45.66	40.39	14.82	60.87	-	-	A	H	
		11400	53.78	-20.22	74	59.37	40.2	15.08	60.87	100	35	P	H	
		11400	44.12	-9.88	54	49.71	40.2	15.08	60.87	100	35	A	H	
		14480	49.29	-24.71	74	54.66	41.34	16.47	63.18	-	-	P	H	
		14480	40.52	-13.48	54	45.89	41.34	16.47	63.18	-	-	A	H	
		17100	54.99	-13.21	68.2	55.05	40.4	18.18	58.64	-	-	P	H	
		18000	57.53	-16.47	74	47.43	48.4	18.94	57.24	-	-	P	H	
		18000	47.76	-6.24	54	37.66	48.4	18.94	57.24	-	-	A	H	
														H
														H
														H
			10905	50.04	-23.96	74	55.67	40.41	14.83	60.87	-	-	P	V
			10905	40.27	-13.73	54	45.9	40.41	14.83	60.87	-	-	A	V
			11400	53.98	-20.02	74	59.57	40.2	15.08	60.87	100	359	P	V
			11400	44.64	-9.36	54	50.23	40.2	15.08	60.87	100	359	A	V
			14495	49.24	-24.76	74	54.54	41.39	16.48	63.17	-	-	P	V
			14495	40.47	-13.53	54	45.77	41.39	16.48	63.17	-	-	A	V
			17100	57.01	-11.19	68.2	57.07	40.4	18.18	58.64	-	-	P	V
			18000	57.45	-16.55	74	47.35	48.4	18.94	57.24	-	-	P	V
		18000	47.68	-6.32	54	37.58	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 													



**Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5459.89	55.34	-18.66	74	48.68	31.82	10.26	35.42	100	232	P	H
		5465.02	58.36	-9.84	68.2	51.68	31.83	10.27	35.42	100	232	P	H
		5459.89	41.4	-12.6	54	34.74	31.82	10.26	35.42	100	232	A	H
	*	5510	99.03	-	-	92.23	31.92	10.3	35.42	100	232	P	H
	*	5510	91.15	-	-	84.35	31.92	10.3	35.42	100	232	A	H
		5757.125	48.27	-19.93	68.2	40.55	32.1	10.55	34.93	100	232	P	H
		5459.62	56.97	-17.03	74	50.31	31.82	10.26	35.42	100	188	P	V
		5468.8	66.47	-1.73	68.2	59.79	31.84	10.27	35.43	100	188	P	V
		5456.38	44.67	-9.33	54	38.02	31.81	10.26	35.42	100	188	A	V
	*	5510	104.18	-	-	97.38	31.92	10.3	35.42	100	188	P	V
	*	5510	96.64	-	-	89.84	31.92	10.3	35.42	100	188	A	V
		5760.59	49.37	-18.83	68.2	41.63	32.1	10.56	34.92	100	188	P	V
802.11n HT40 CH 110 5550MHz		5369.17	48.55	-25.45	74	42.32	31.42	10.19	35.38	100	234	P	H
		5468.53	50.36	-17.84	68.2	43.67	31.84	10.27	35.42	100	234	P	H
		5454.76	39.56	-14.44	54	32.91	31.81	10.26	35.42	100	234	A	H
	*	5550	100.31	-	-	93.31	32	10.34	35.34	100	234	P	H
	*	5550	92.36	-	-	85.36	32	10.34	35.34	100	234	A	H
		5733.185	48.79	-19.41	68.2	41.21	32.03	10.53	34.98	100	234	P	H
		5457.46	52.6	-21.4	74	45.95	31.81	10.26	35.42	100	192	P	V
		5468.53	54.36	-13.84	68.2	47.67	31.84	10.27	35.42	100	192	P	V
		5458.81	41.37	-12.63	54	34.71	31.82	10.26	35.42	100	192	A	V
	*	5550	106.8	-	-	99.8	32	10.34	35.34	100	192	P	V
	*	5550	98.82	-	-	91.82	32	10.34	35.34	100	192	A	V
		5754.92	49.97	-18.23	68.2	42.26	32.1	10.55	34.94	100	192	P	V



802.11n HT40 CH 134 5670MHz		5392.92	46.84	-27.16	74	40.47	31.56	10.2	35.39	250	24	P	H
		5463.22	46.37	-21.83	68.2	39.7	31.83	10.26	35.42	250	24	P	H
		5444.35	38.86	-15.14	54	32.24	31.78	10.25	35.41	250	24	A	H
	*	5670	101.38	-	-	94.12	31.9	10.46	35.1	250	24	P	H
	*	5670	93.84	-	-	86.58	31.9	10.46	35.1	250	24	A	H
		5725.975	59.28	-8.92	68.2	51.75	32	10.52	34.99	250	24	P	H
		5448.05	48.43	-25.57	74	41.81	31.79	10.25	35.42	100	201	P	V
		5464.7	48.66	-19.54	68.2	41.99	31.83	10.26	35.42	100	201	P	V
		5449.9	40.43	-13.57	54	33.8	31.8	10.25	35.42	100	201	A	V
	*	5670	106.57	-	-	99.31	31.9	10.46	35.1	100	201	P	V
	*	5670	99.35	-	-	92.09	31.9	10.46	35.1	100	201	A	V
		5726.5	63.4	-4.8	68.2	55.86	32.01	10.52	34.99	100	201	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10894	49.09	-24.91	74	54.75	40.39	14.82	60.87	-	-	P	H
		10894	39.32	-14.68	54	44.98	40.39	14.82	60.87	-	-	A	H
		11020	48.88	-25.12	74	54.31	40.54	14.89	60.86	100	14	P	H
		11020	40.57	-13.43	54	46	40.54	14.89	60.86	100	14	A	H
		14491	48.77	-25.23	74	54.09	41.37	16.48	63.17	-	-	P	H
		14491	40	-14	54	45.32	41.37	16.48	63.17	-	-	A	H
		16530	48.35	-19.85	68.2	49.92	39.3	17.7	58.57	-	-	P	H
		17989	58.77	-15.23	74	48.93	48.18	18.93	57.27	-	-	P	H
		17989	49	-5	54	39.16	48.18	18.93	57.27	-	-	A	H
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802.11n													
HT40													
CH 102		10839	48.85	-25.15	74	54.66	40.28	14.79	60.88	-	-	P	V
5510MHz		10839	39.08	-14.92	54	44.89	40.28	14.79	60.88	-	-	A	V
		11020	50.21	-23.79	74	55.64	40.54	14.89	60.86	100	359	P	V
		11020	41.56	-12.44	54	46.99	40.54	14.89	60.86	100	359	A	V
		14480	49.1	-24.9	74	54.47	41.34	16.47	63.18	-	-	P	V
		14480	40.33	-13.67	54	45.7	41.34	16.47	63.18	-	-	A	V
		16530	47.27	-20.93	68.2	48.84	39.3	17.7	58.57	-	-	P	V
		18000	57.78	-16.22	74	47.68	48.4	18.94	57.24	-	-	P	V
		18000	48.01	-5.99	54	37.91	48.4	18.94	57.24	-	-	A	V
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WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10872	49.84	-24.16	74	55.57	40.34	14.81	60.88	-	-	P	H
		10872	40.07	-13.93	54	45.8	40.34	14.81	60.88	-	-	A	H
		11100	50.76	-23.24	74	56.39	40.3	14.93	60.86	100	12	P	H
		11100	40.68	-13.32	54	46.31	40.3	14.93	60.86	100	12	A	H
		14491	49.13	-24.87	74	54.45	41.37	16.48	63.17	-	-	P	H
		14491	40.36	-13.64	54	45.68	41.37	16.48	63.17	-	-	A	H
		16650	48.01	-20.19	68.2	49.41	39.4	17.8	58.6	-	-	P	H
		18000	58.83	-15.17	74	48.73	48.4	18.94	57.24	-	-	P	H
		18000	49.06	-4.94	54	38.96	48.4	18.94	57.24	-	-	A	H
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802.11n													
HT40													
CH 110		10850	49.12	-24.88	74	54.9	40.3	14.8	60.88	-	-	P	V
5550MHz		10850	39.35	-14.65	54	45.13	40.3	14.8	60.88	-	-	A	V
		11100	51.1	-22.9	74	56.73	40.3	14.93	60.86	100	359	P	V
		11100	41.62	-12.38	54	47.25	40.3	14.93	60.86	100	359	A	V
		14491	49.25	-24.75	74	54.57	41.37	16.48	63.17	-	-	P	V
		14491	40.48	-13.52	54	45.8	41.37	16.48	63.17	-	-	A	V
		16650	47.79	-20.41	68.2	49.19	39.4	17.8	58.6	-	-	P	V
		17989	57.92	-16.08	74	48.08	48.18	18.93	57.27	-	-	P	V
		17989	48.25	-5.75	54	38.41	48.18	18.93	57.27	-	-	A	V
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WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
i802.11n HT40 CH 134 5670MHz		10927	50.17	-23.83	74	55.75	40.45	14.84	60.87	-	-	P	H	
		10927	40.4	-13.6	54	45.98	40.45	14.84	60.87	-	-	A	H	
		11340	51.36	-22.64	74	57.1	40.08	15.05	60.87	100	34	P	H	
		11340	42.03	-11.97	54	47.77	40.08	15.05	60.87	100	34	A	H	
		14480	49.53	-24.47	74	54.9	41.34	16.47	63.18	-	-	P	H	
		14480	40.94	-13.06	54	46.31	41.34	16.47	63.18	-	-	A	H	
		17010	48.71	-19.49	68.2	49.07	40.22	18.11	58.69	-	-	P	H	
		17989	57.49	-16.51	74	47.65	48.18	18.93	57.27	-	-	P	H	
		17989	47.72	-6.28	54	37.88	48.18	18.93	57.27	-	-	A	H	
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			10905	49.68	-24.32	74	55.31	40.41	14.83	60.87	-	-	P	V
			10905	39.93	-14.07	54	45.56	40.41	14.83	60.87	-	-	A	V
			11340	51.02	-22.98	74	56.76	40.08	15.05	60.87	100	358	P	V
			11340	42.21	-11.79	54	47.95	40.08	15.05	60.87	100	358	A	V
			14491	49.19	-24.81	74	54.51	41.37	16.48	63.17	-	-	P	V
			14491	40.43	-13.57	54	45.75	41.37	16.48	63.17	-	-	A	V
			17010	50.62	-17.58	68.2	50.98	40.22	18.11	58.69	-	-	P	V
			18000	57.48	-16.52	74	47.38	48.4	18.94	57.24	-	-	P	V
		18000	47.66	-6.34	54	37.56	48.4	18.94	57.24	-	-	A	V	
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Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 													



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5459.92	53.71	-20.29	74	47.05	31.82	10.26	35.42	254	52	P	H
		5470	54.98	-13.22	68.2	48.3	31.84	10.27	35.43	254	52	P	H
		5457.52	45.25	-8.75	54	38.59	31.82	10.26	35.42	254	52	A	H
	*	5530	97.02	-	-	90.12	31.96	10.32	35.38	254	52	P	H
	*	5530	89.64	-	-	82.74	31.96	10.32	35.38	254	52	A	H
		5737.595	50.48	-17.72	68.2	42.87	32.05	10.53	34.97	254	52	P	H
		5458	58.04	-15.96	74	51.38	31.82	10.26	35.42	100	187	P	V
		5466.64	59	-9.2	68.2	52.32	31.83	10.27	35.42	100	187	P	V
		5458.96	50.82	-3.18	54	44.16	31.82	10.26	35.42	100	187	A	V
	*	5530	102.02	-	-	95.09	31.97	10.33	35.37	100	187	P	V
	*	5530	94.63	-	-	87.7	31.97	10.33	35.37	100	187	A	V
	5763.11	49.54	-18.66	68.2	41.8	32.1	10.56	34.92	100	187	P	V	
802.11ac VHT80 CH 122 5610MHz		5458.72	49.75	-24.25	74	43.09	31.82	10.26	35.42	247	48	P	H
		5466.64	50.98	-17.22	68.2	44.3	31.83	10.27	35.42	247	48	P	H
		5459.2	42.55	-11.45	54	35.89	31.82	10.26	35.42	247	48	A	H
	*	5610	100.39	-	-	93.24	31.98	10.39	35.22	247	48	P	H
	*	5610	93.57	-	-	86.42	31.98	10.39	35.22	247	48	A	H
		5729.09	52.75	-15.45	68.2	45.2	32.02	10.52	34.99	247	48	P	H
		5457.04	52.63	-21.37	74	45.98	31.81	10.26	35.42	100	191	P	V
		5466.4	54.11	-14.09	68.2	47.43	31.83	10.27	35.42	100	191	P	V
		5453.68	44.96	-9.04	54	38.31	31.81	10.26	35.42	100	191	A	V
	*	5610	105.32	-	-	98.17	31.98	10.39	35.22	100	191	P	V
	*	5610	97.92	-	-	90.77	31.98	10.39	35.22	100	191	A	V
	5729.405	54.86	-13.34	68.2	47.31	32.02	10.52	34.99	100	191	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ac VHT80 CH 106 5530MHz		10784	50.49	-23.51	74	56.47	40.14	14.77	60.89	-	-	P	H	
		10784	40.44	-13.56	54	46.42	40.14	14.77	60.89	-	-	A	H	
		11060	48	-26	74	53.53	40.42	14.91	60.86	-	-	P	H	
		14480	49.92	-24.08	74	55.29	41.34	16.47	63.18	-	-	P	H	
		14480	39.87	-14.13	54	45.24	41.34	16.47	63.18	-	-	A	H	
		16590	47.68	-20.52	68.2	49.22	39.3	17.75	58.59	-	-	P	H	
		18000	58.43	-15.57	74	48.33	48.4	18.94	57.24	-	-	P	H	
		18000	48.46	-5.54	54	38.36	48.4	18.94	57.24	-	-	A	H	
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			10949	50.44	-23.56	74	55.96	40.5	14.85	60.87	-	-	P	V
			10949	40.42	-13.58	54	45.94	40.5	14.85	60.87	-	-	A	V
		11060	48.36	-25.64	74	53.89	40.42	14.91	60.86	-	-	P	V	
		14491	50.23	-23.77	74	55.55	41.37	16.48	63.17	-	-	P	V	
		14491	40.24	-13.76	54	45.56	41.37	16.48	63.17	-	-	A	V	
		16590	48.42	-19.78	68.2	49.96	39.3	17.75	58.59	-	-	P	V	
		18000	58.25	-15.75	74	48.15	48.4	18.94	57.24	-	-	P	V	
		18000	48.76	-5.24	54	38.66	48.4	18.94	57.24	-	-	A	V	
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WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11004	50.22	-23.78	74	55.61	40.59	14.88	60.86	-	-	P	H
		11004	40.27	-13.73	54	45.66	40.59	14.88	60.86	-	-	A	H
		11220	46.75	-27.25	74	52.62	40	14.99	60.86	-	-	P	H
		14491	50.65	-23.35	74	55.97	41.37	16.48	63.17	-	-	P	H
		14491	40.54	-13.46	54	45.86	41.37	16.48	63.17	-	-	A	H
		16830	48.09	-20.11	68.2	48.65	40.13	17.96	58.65	-	-	P	H
		17989	57.63	-16.37	74	47.79	48.18	18.93	57.27	-	-	P	H
		17989	47.61	-6.39	54	37.77	48.18	18.93	57.27	-	-	A	H
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802.11ac													
VHT80													
CH 122		10938	50.68	-23.32	74	56.23	40.48	14.84	60.87	-	-	P	V
5610MHz		10938	40.73	-13.27	54	46.28	40.48	14.84	60.87	-	-	A	V
		11220	47.04	-26.96	74	52.91	40	14.99	60.86	-	-	P	V
		14491	50.47	-23.53	74	55.79	41.37	16.48	63.17	-	-	P	V
		14491	40.46	-13.54	54	45.78	41.37	16.48	63.17	-	-	A	V
		16830	49.78	-18.42	68.2	50.34	40.13	17.96	58.65	-	-	P	V
		17989	59.08	-14.92	74	49.24	48.18	18.93	57.27	-	-	P	V
		17989	49.1	-4.9	54	39.26	48.18	18.93	57.27	-	-	A	V
													V
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													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 												



Band 3 5470~5725MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 114 5570MHz		5446.6	54.61	-19.39	74	47.98	31.79	10.25	35.41	261	231	P	H
		5461	52.14	-16.06	68.2	45.48	31.82	10.26	35.42	261	231	P	H
		5447.8	45.87	-8.13	54	39.24	31.79	10.25	35.41	261	231	A	H
	*	5570	94.34	-	-	87.29	32	10.35	35.3	261	231	P	H
	*	5570	85.11	-	-	78.06	32	10.35	35.3	261	231	A	H
		5728.43	53.6	-14.6	68.2	46.06	32.01	10.52	34.99	261	231	P	H
		5447.5	60.72	-13.28	74	54.09	31.79	10.25	35.41	100	191	P	V
		5461.9	58.55	-9.65	68.2	51.89	31.82	10.26	35.42	100	191	P	V
		5452.3	52.31	-1.69	54	45.68	31.8	10.25	35.42	100	191	A	V
	*	5570	99.54	-	-	92.49	32	10.35	35.3	100	191	P	V
*	5570	91.37	-	-	84.32	32	10.35	35.3	100	191	A	V	
		5727.395	61.46	-6.74	68.2	53.92	32.01	10.52	34.99	100	191	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11ax HE160 Full CH 114 5570MHz		10905	51.62	-22.38	74	57.25	40.41	14.83	60.87	-	-	P	H	
		10905	41.6	-12.4	54	47.23	40.41	14.83	60.87	-	-	A	H	
		11140	49.93	-24.07	74	55.66	40.18	14.95	60.86	-	-	P	H	
		11140	39.88	-14.12	54	45.61	40.18	14.95	60.86	-	-	A	H	
		14480	50.86	-23.14	74	56.23	41.34	16.47	63.18	-	-	P	H	
		14480	40.85	-13.15	54	46.22	41.34	16.47	63.18	-	-	A	H	
		16710	49.21	-18.99	68.2	50.42	39.56	17.85	58.62	-	-	P	H	
		18000	59.4	-14.6	74	49.3	48.4	18.94	57.24	-	-	P	H	
		18000	49.48	-4.52	54	39.38	48.4	18.94	57.24	-	-	A	H	
														H
														H
														H
			10817	51.07	-22.93	74	56.95	40.23	14.78	60.89	-	-	P	V
			10817	41.06	-12.94	54	46.94	40.23	14.78	60.89	-	-	A	V
			11140	49.52	-24.48	74	55.25	40.18	14.95	60.86	-	-	P	V
			11140	39.49	-14.51	54	45.22	40.18	14.95	60.86	-	-	A	V
			14470	50.37	-17.83	68.2	55.77	41.31	16.47	63.18	-	-	P	V
			14470	40.35	-13.65	54	45.75	41.31	16.47	63.18	-	-	A	V
			16710	48.75	-19.45	68.2	49.96	39.56	17.85	58.62	-	-	P	V
			18000	59.48	-14.52	74	49.38	48.4	18.94	57.24	-	-	P	V
		18000	49.47	-4.53	54	39.37	48.4	18.94	57.24	-	-	A	V	
													V	
													V	
													V	

Remark

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
- The emission level close to 18GHz is checked that the average emission level is noise floor only.



Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5416.69	48.3	-25.7	74	41.81	31.67	10.22	35.4	274	43	P	H
		5465.44	48.29	-19.91	68.2	41.61	31.83	10.27	35.42	274	43	P	H
		5458.81	38.59	-15.41	54	31.93	31.82	10.26	35.42	274	43	A	H
	*	5720	107.56	-	-	100.07	31.98	10.51	35	274	43	P	H
	*	5720	99.95	-	-	92.46	31.98	10.51	35	274	43	A	H
		5875.75	50.41	-17.79	68.2	42.21	32.25	10.65	34.7	274	43	P	H
		5440.48	48.51	-25.49	74	41.92	31.76	10.24	35.41	100	201	P	V
		5467.39	48.65	-19.55	68.2	41.97	31.83	10.27	35.42	100	201	P	V
		5452.96	39.39	-14.61	54	32.74	31.81	10.26	35.42	100	201	A	V
	*	5720	112.18	-	-	104.69	31.98	10.51	35	100	201	P	V
	*	5720	103.47	-	-	95.98	31.98	10.51	35	100	198	P	V
			5890.75	55	-13.2	68.2	46.73	32.28	10.66	34.67	100	201	P
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10993	51.02	-22.98	74	56.42	40.59	14.87	60.86	-	-	P	H
		10993	41.24	-12.76	54	46.64	40.59	14.87	60.86	-	-	A	H
		11440	55.35	-18.65	74	60.88	40.24	15.1	60.87	100	34	P	H
		11440	44.92	-9.08	54	50.45	40.24	15.1	60.87	100	34	A	H
		14480	49.91	-24.09	74	55.28	41.34	16.47	63.18	-	-	P	H
		14480	41.14	-12.86	54	46.51	41.34	16.47	63.18	-	-	A	H
		17160	59.94	-8.26	68.2	59.73	40.58	18.23	58.6	-	-	P	H
		18000	57.25	-16.75	74	47.15	48.4	18.94	57.24	-	-	P	H
		18000	47.47	-6.53	54	37.37	48.4	18.94	57.24	-	-	A	H
													H
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													H
802.11a													
CH 144													
5720MHz		10938	50.39	-23.61	74	55.94	40.48	14.84	60.87	-	-	P	V
		10938	40.62	-13.38	54	46.17	40.48	14.84	60.87	-	-	A	V
		11440	55.87	-18.13	74	61.4	40.24	15.1	60.87	100	359	P	V
		11440	45.28	-8.72	54	50.81	40.24	15.1	60.87	100	359	A	V
		14480	49.44	-24.56	74	54.81	41.34	16.47	63.18	-	-	P	V
		14480	40.62	-13.38	54	45.99	41.34	16.47	63.18	-	-	A	V
		17160	53.88	-14.32	68.2	53.67	40.58	18.23	58.6	-	-	P	V
		17989	57.72	-16.28	74	47.88	48.18	18.93	57.27	-	-	P	V
		17989	47.94	-6.06	54	38.1	48.18	18.93	57.27	-	-	A	V
													V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only. 												



**Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5396.41	47.79	-26.21	74	41.39	31.58	10.21	35.39	219	42	P	H
		5467.39	47.3	-20.9	68.2	40.62	31.83	10.27	35.42	219	42	P	H
		5439.31	38.16	-15.84	54	31.57	31.76	10.24	35.41	219	42	A	H
	*	5720	106.93	-	-	99.44	31.98	10.51	35	219	42	P	H
	*	5720	98.65	-	-	91.16	31.98	10.51	35	219	42	A	H
		5898.75	49.73	-18.47	68.2	41.41	32.3	10.67	34.65	219	42	P	H
		5431.51	48.43	-25.57	74	41.87	31.73	10.24	35.41	100	198	P	V
		5464.66	47.73	-20.47	68.2	41.06	31.83	10.26	35.42	100	198	P	V
		5453.74	39.06	-14.94	54	32.41	31.81	10.26	35.42	100	198	A	V
	*	5720	111.59	-	-	104.1	31.98	10.51	35	100	198	P	V
	*	5720	103.47	-	-	95.98	31.98	10.51	35	100	198	A	V
		5887.5	55.87	-12.33	68.2	47.6	32.28	10.66	34.67	100	198	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10795	49.84	-24.16	74	55.78	40.18	14.77	60.89	-	-	P	H
		10795	39.96	-14.04	54	45.9	40.18	14.77	60.89	-	-	A	H
		11440	54.43	-19.57	74	59.96	40.24	15.1	60.87	100	34	P	H
		11440	44.8	-9.2	54	50.33	40.24	15.1	60.87	100	34	A	H
		14491	49.45	-24.55	74	54.77	41.37	16.48	63.17	-	-	P	H
		14491	40.67	-13.33	54	45.99	41.37	16.48	63.17	-	-	A	H
		17160	54.73	-13.47	68.2	54.52	40.58	18.23	58.6	-	-	P	H
		17989	57.48	-16.52	74	47.64	48.18	18.93	57.27	-	-	P	H
		17989	47.71	-6.29	54	37.87	48.18	18.93	57.27	-	-	A	H
													H
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													H
802.11n													
HT20													
CH 144													
5720MHz													
		10861	49.35	-24.65	74	55.11	40.32	14.8	60.88	-	-	P	V
		10861	39.58	-14.42	54	45.34	40.32	14.8	60.88	-	-	A	V
		11440	56	-18	74	61.53	40.24	15.1	60.87	100	359	P	V
		11440	45.48	-8.52	54	51.01	40.24	15.1	60.87	100	359	A	V
		14490	48.91	-25.09	74	54.23	41.37	16.48	63.17	-	-	P	V
		14490	40.14	-13.86	54	45.46	41.37	16.48	63.17	-	-	A	V
		17160	56.33	-11.87	68.2	56.12	40.58	18.23	58.6	-	-	P	V
		18000	57.39	-16.61	74	47.29	48.4	18.94	57.24	-	-	P	V
		18000	47.62	-6.38	54	37.52	48.4	18.94	57.24	-	-	A	V
													V
													V
													V

Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. The emission level close to 18GHz is checked that the average emission level is noise floor only.
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Band 3 - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 4+3, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include frequencies from 5441.65 to 5862.75 MHz with various test results.



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10938	50.54	-23.46	74	56.09	40.48	14.84	60.87	-	-	P	H
		10938	40.76	-13.24	54	46.31	40.48	14.84	60.87	-	-	A	H
		11420	50.46	-23.54	74	56.02	40.22	15.09	60.87	100	34	P	H
		11420	42.61	-11.39	54	48.17	40.22	15.09	60.87	100	34	A	H
		14490	49.22	-24.78	74	54.54	41.37	16.48	63.17	-	-	P	H
		14490	40.46	-13.54	54	45.78	41.37	16.48	63.17	-	-	A	H
		17130	48.34	-19.86	68.2	48.26	40.49	18.21	58.62	-	-	P	H
		17989	58.02	-15.98	74	48.18	48.18	18.93	57.27	-	-	P	H
		17989	48.24	-5.76	54	38.4	48.18	18.93	57.27	-	-	A	H
													H
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													H
802.11n													
HT40													
CH 142													
5710MHz		10795	49.47	-24.53	74	55.41	40.18	14.77	60.89	-	-	P	V
		10795	39.71	-14.29	54	45.65	40.18	14.77	60.89	-	-	A	V
		11420	51.35	-22.65	74	56.91	40.22	15.09	60.87	100	357	P	V
		11420	42.64	-11.36	54	48.2	40.22	15.09	60.87	100	357	A	V
		14491	49.44	-24.56	74	54.76	41.37	16.48	63.17	-	-	P	V
		14491	39.66	-14.34	54	44.98	41.37	16.48	63.17	-	-	A	V
		17130	50.35	-17.85	68.2	50.27	40.49	18.21	58.62	-	-	P	V
		17989	57.91	-16.09	74	48.07	48.18	18.93	57.27	-	-	P	V
		17989	48.14	-5.86	54	38.3	48.18	18.93	57.27	-	-	A	V
													V
													V
													V

Remark

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
- The emission level close to 18GHz is checked that the average emission level is noise floor only.



**Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5429.17	49.85	-24.15	74	43.31	31.72	10.23	35.41	242	46	P	H
		5467	49.72	-18.48	68.2	43.04	31.83	10.27	35.42	242	46	P	H
		5440.87	41.83	-12.17	54	35.24	31.76	10.24	35.41	242	46	A	H
	*	5690	101.13	-	-	93.81	31.9	10.48	35.06	242	46	P	H
	*	5690	93.59	-	-	86.27	31.9	10.48	35.06	242	46	A	H
		5898.55	52.2	-16	68.2	43.88	32.3	10.67	34.65	242	46	P	H
		5458.42	50.94	-23.06	74	44.28	31.82	10.26	35.42	100	195	P	V
		5469.34	50.47	-17.73	68.2	43.79	31.84	10.27	35.43	100	195	P	V
		5451.79	44.05	-9.95	54	37.42	31.8	10.25	35.42	100	195	A	V
	*	5690	105.31	-	-	97.99	31.9	10.48	35.06	100	195	P	V
	*	5690	97.89	-	-	90.57	31.9	10.48	35.06	100	195	A	V
		5859	51.87	-16.33	68.2	43.74	32.22	10.64	34.73	100	195	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10872	50.66	-23.34	74	56.39	40.34	14.81	60.88	-	-	P	H
		10872	40.66	-13.34	54	46.39	40.34	14.81	60.88	-	-	A	H
		11380	46.52	-27.48	74	52.16	40.16	15.07	60.87	-	-	P	H
		14470	49.98	-18.22	68.2	55.38	41.31	16.47	63.18	-	-	P	H
		14470	39.91	-14.09	54	45.31	41.31	16.47	63.18	-	-	A	H
		17070	48.45	-19.75	68.2	48.61	40.34	18.16	58.66	-	-	P	H
		18000	58.79	-15.21	74	48.69	48.4	18.94	57.24	-	-	P	H
		18000	48.72	-5.28	54	38.62	48.4	18.94	57.24	-	-	A	H
													H
													H
													H
													H
802.11ac													
VHT80													
CH 138		10894	50.66	-23.34	74	56.32	40.39	14.82	60.87	-	-	P	V
5690MHz		10894	40.65	-13.35	54	46.31	40.39	14.82	60.87	-	-	A	V
		11380	47.71	-26.29	74	53.35	40.16	15.07	60.87	-	-	P	V
		14470	50.57	-17.63	68.2	55.97	41.31	16.47	63.18	-	-	P	V
		14470	40.55	-13.45	54	45.95	41.31	16.47	63.18	-	-	A	V
		17070	50.56	-17.64	68.2	50.72	40.34	18.16	58.66	-	-	P	V
		17989	58.44	-15.56	74	48.6	48.18	18.93	57.27	-	-	P	V
		17989	48.44	-5.56	54	38.6	48.18	18.93	57.27	-	-	A	V
													V
													V
													V
													V
Remark	<ol style="list-style-type: none"> 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only. 												



Emission above 18GHz

WIFI 802.11ax HE160 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ax HE160 Full SHF		20968	37	-37	74	56.98	38.09	-3.36	54.71	-	-	P	H	
		38194	45.9	-22.3	68.2	60.44	43.76	-1.11	57.19	-	-	P	H	
													H	
													H	
													H	
													H	
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														H
														H
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														H
														H
														H
														H
			25968	41.49	-26.71	68.2	58.34	39.09	-2.65	53.29	-	-	P	V
			38866	46.05	-27.95	74	60.09	43.85	-1.26	56.63	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 													



Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ax HE160 Full LF		30	22.18	-17.82	40	29.47	24.59	0.61	32.49	-	-	P	H	
		88.2	25	-18.5	43.5	41.89	14.36	1.25	32.5	-	-	P	H	
		97.9	28.85	-14.65	43.5	44.47	15.57	1.3	32.49	-	-	P	H	
		166.77	27.7	-15.8	43.5	42.42	15.95	1.82	32.49	-	-	P	H	
		186.17	27.37	-16.13	43.5	43.23	14.76	1.85	32.47	-	-	P	H	
		896.21	33.16	-12.84	46	31.85	28.87	4.09	31.65	-	-	P	H	
														H
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														H
														H
														H
			33.88	29.37	-10.63	40	38.52	22.72	0.66	32.53	-	-	P	V
			65.89	24.51	-15.49	40	44.04	11.92	1.09	32.54	-	-	P	V
			95.96	25.86	-17.64	43.5	41.6	15.45	1.29	32.48	-	-	P	V
			166.77	23.49	-20.01	43.5	38.21	15.95	1.82	32.49	-	-	P	V
			213.33	22.24	-21.26	43.5	37.65	15	2.02	32.43	-	-	P	V
			894.27	33.75	-12.25	46	32.46	28.86	4.09	31.66	-	-	P	V
														V
													V	
													V	
													V	
													V	
													V	

Remark

- No other spurious found.
- All results are PASS against limit line.
- The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

- Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
- Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

Note symbol

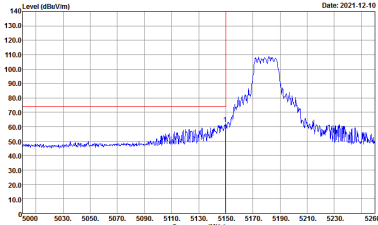
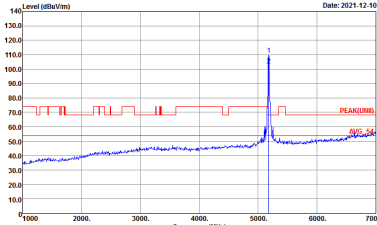
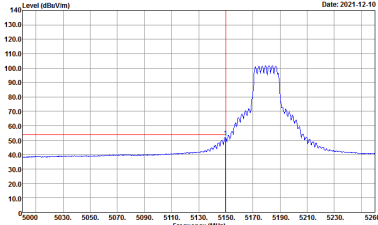
-L	Low channel location
-R	High channel location



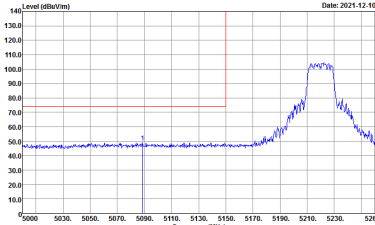
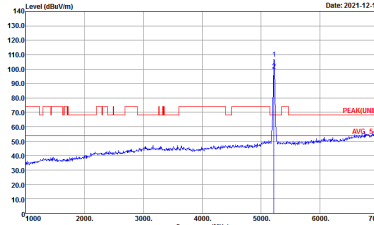
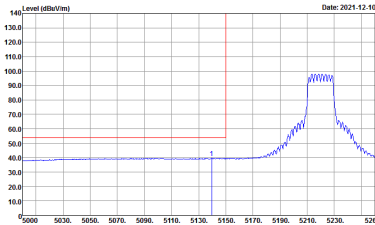
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+3	Horizontal	Fundamental
<p align="center">Peak</p>	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p align="center">Left blank</p>

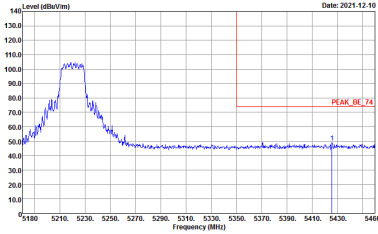
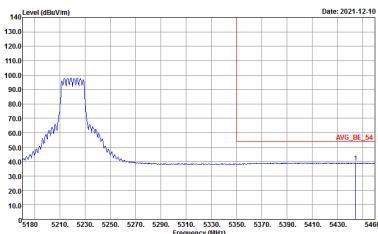


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

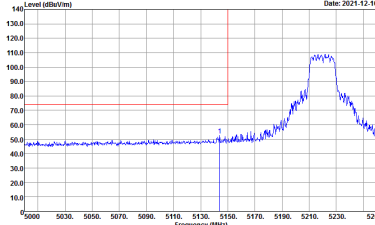
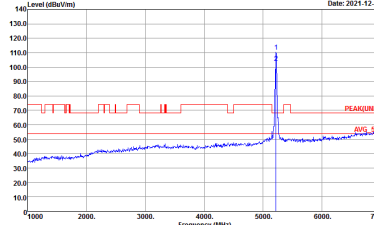
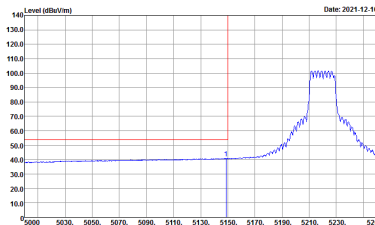


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

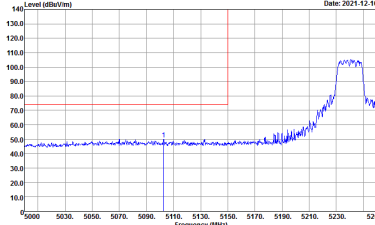
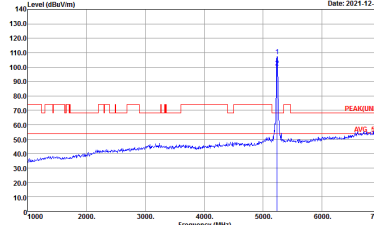
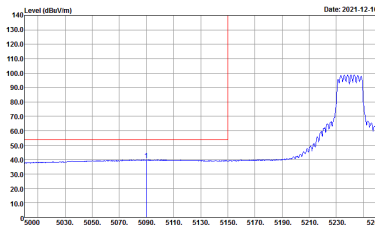


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

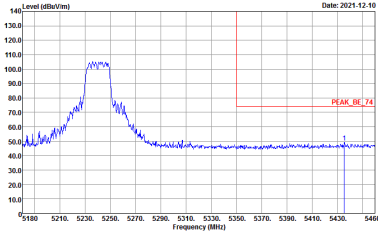
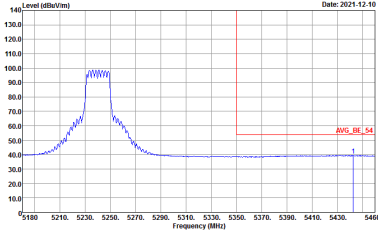


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4+3	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

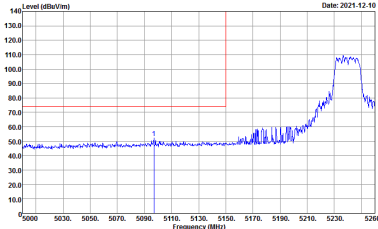
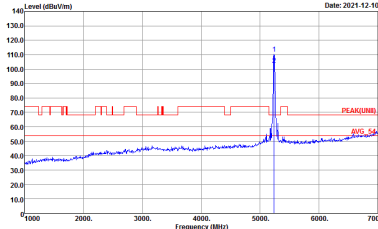
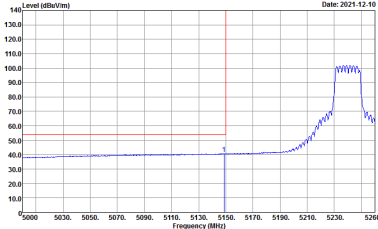


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

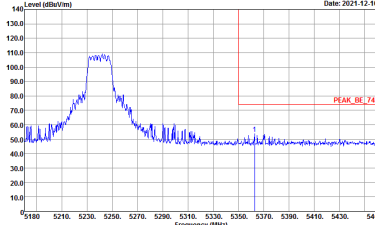
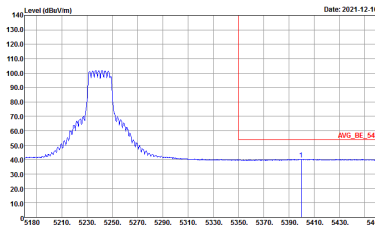


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



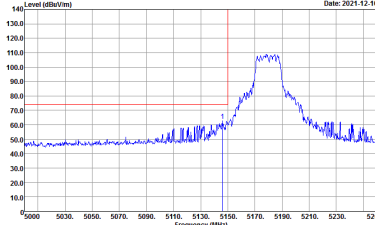
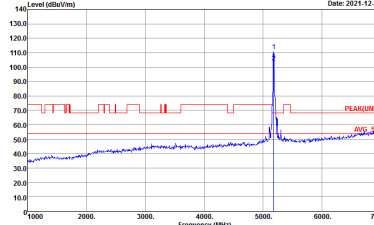
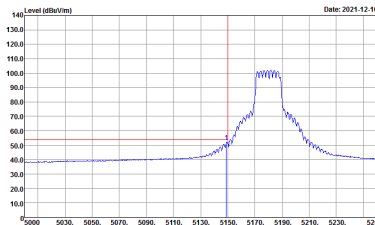
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



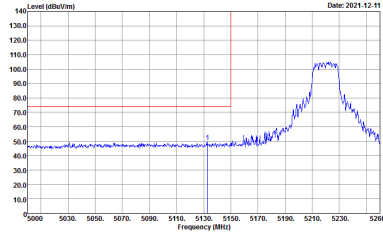
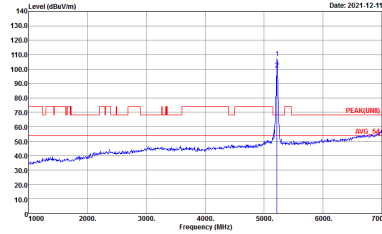
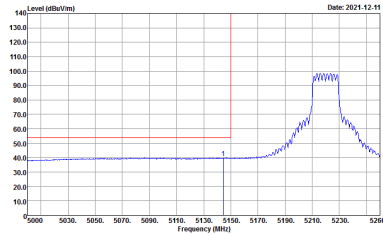
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

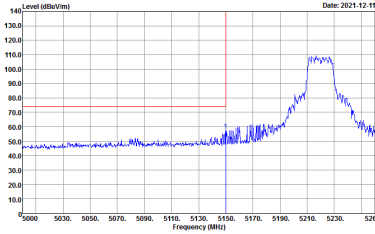
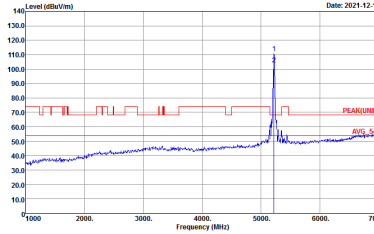
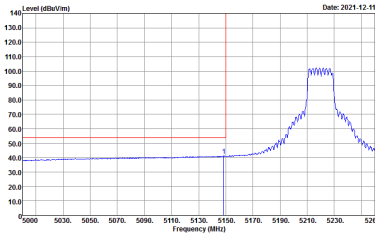


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
4+3	Horizontal	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>

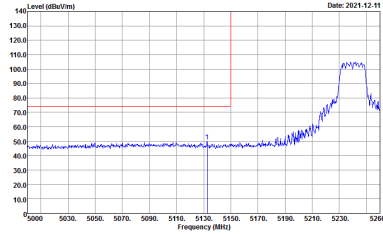
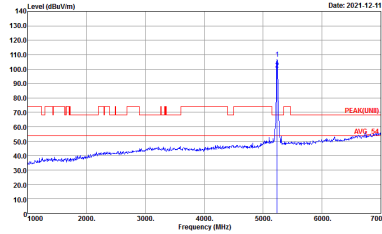
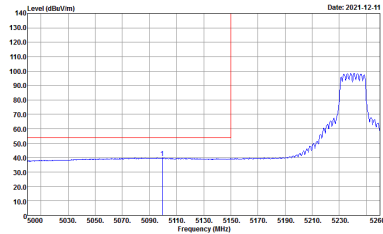


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>

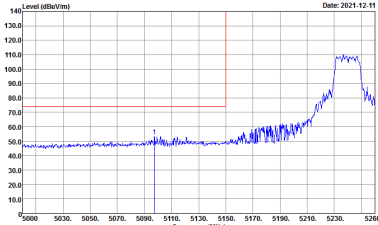
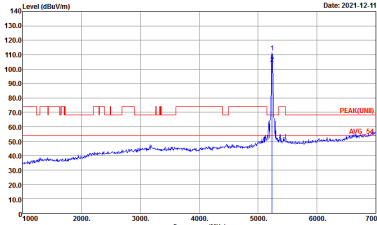
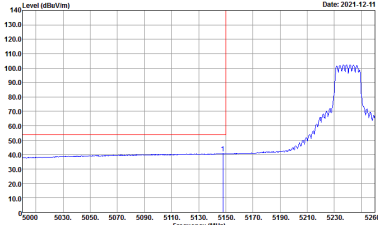


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

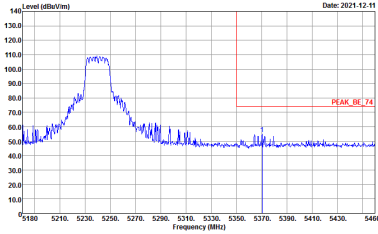
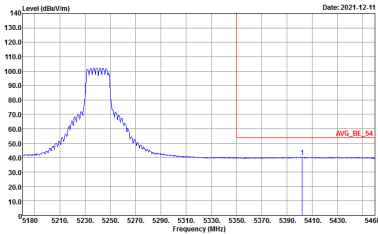


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
4+3	Horizontal	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>



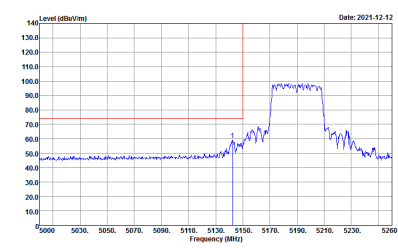
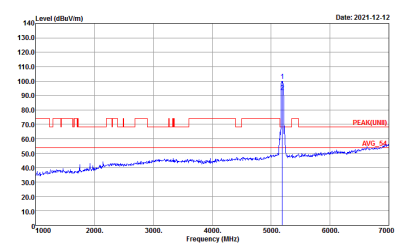
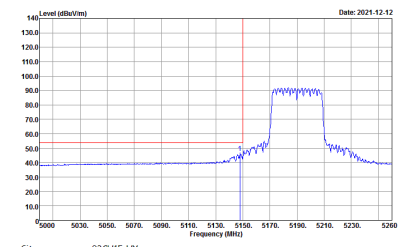
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



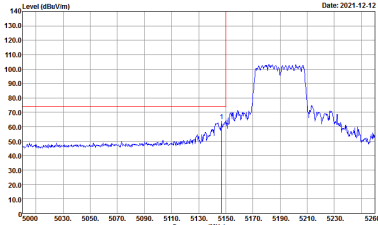
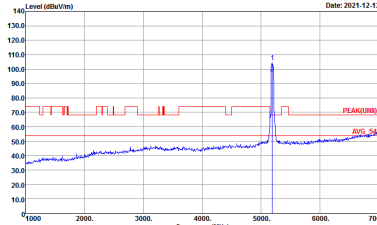
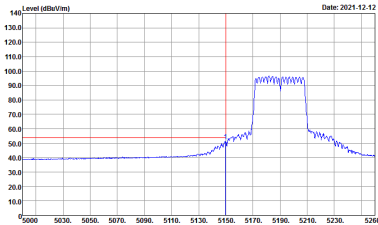
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

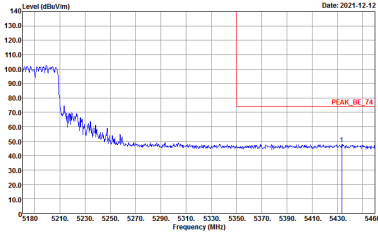
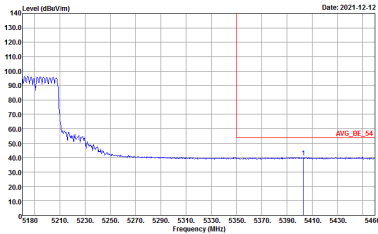


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto</p>	Left blank

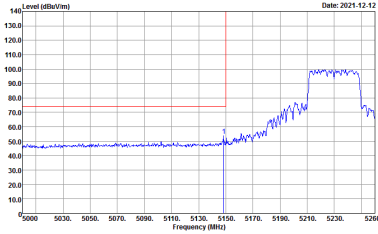
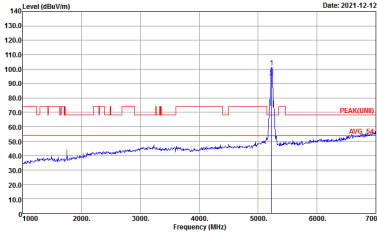
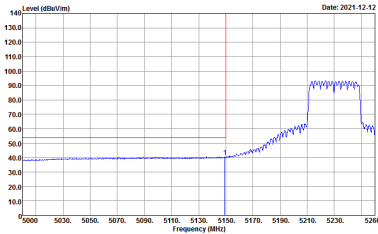


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

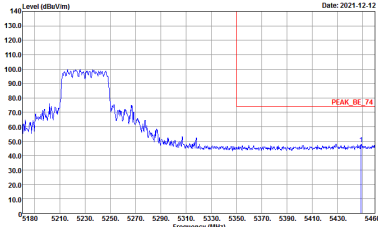
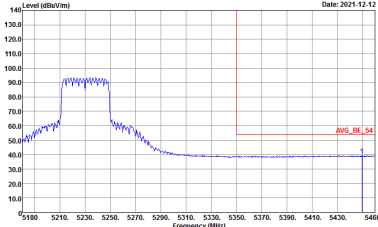


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto</p>	<p>Left blank</p>

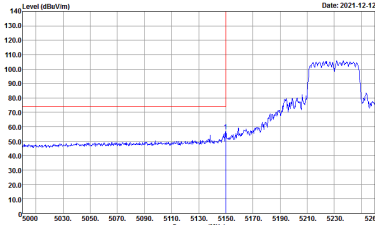
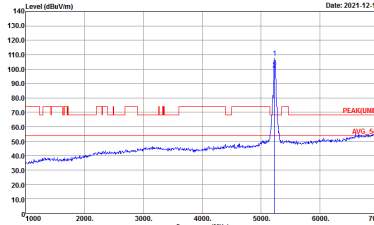
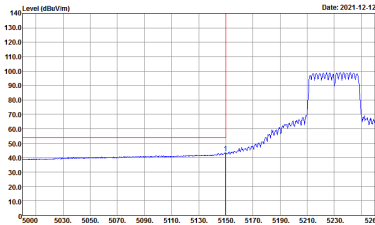


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

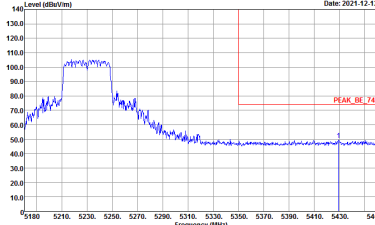
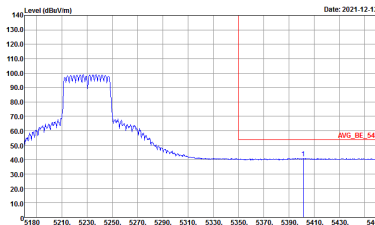


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



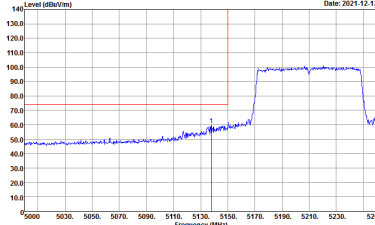
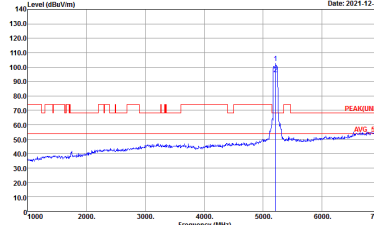
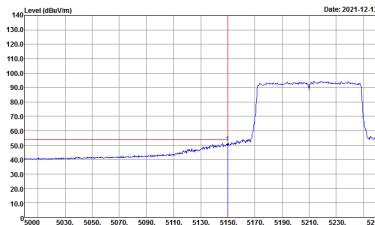
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank

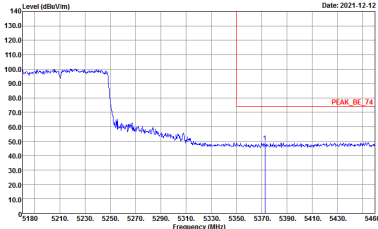
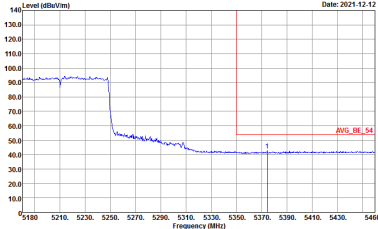


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	Left blank



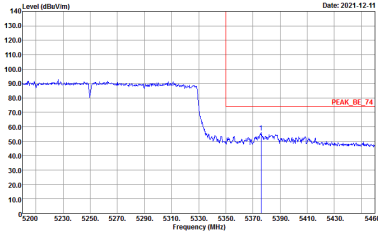
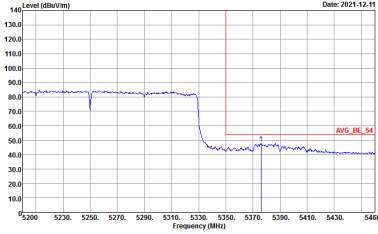
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	<p>Left blank</p>



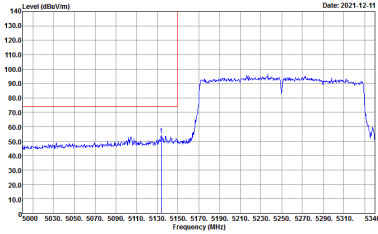
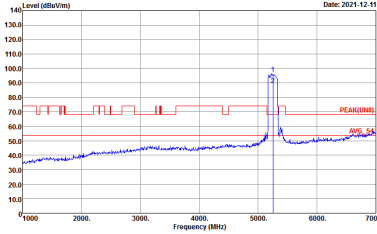
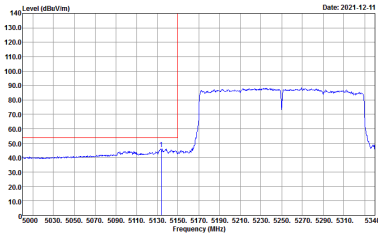
Band 1 5150~5250MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

Table with 2 columns (WIFI, ANT) and 2 rows (4+3, Peak, Avg.). It contains spectral analysis graphs for Horizontal and Fundamental signals, and a 'Left blank' section. Each graph shows Level (dBuV/m) vs Frequency (MHz) with specific site and condition details.

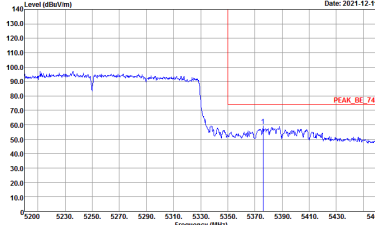
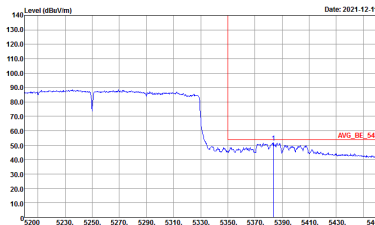


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	<p>Left blank</p>



Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_1620_20211025 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



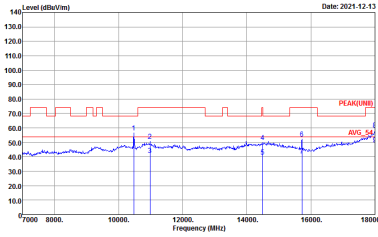
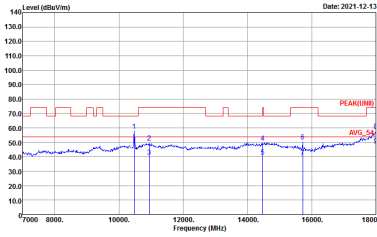
**Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
4+3	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_1620_20211025 HORIZONTAL</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 9120D_1620_20211025 VERTICAL</p>



**Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



**Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



**Band 1 - 5150~5250MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



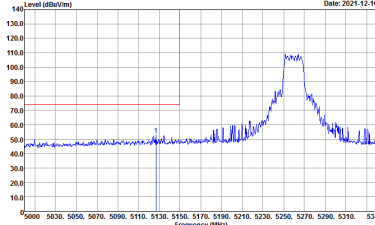
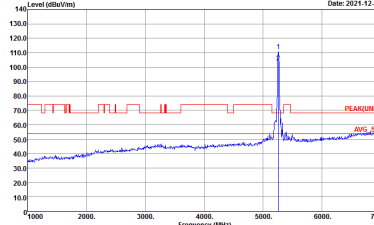
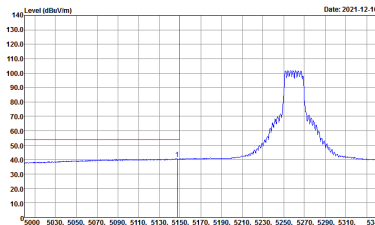
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

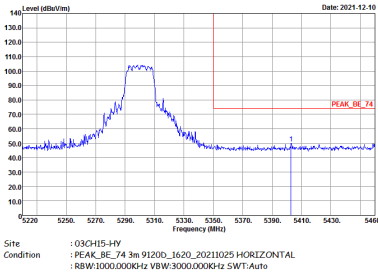
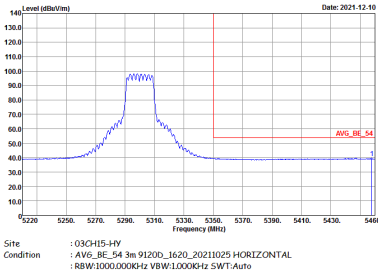


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4+3	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

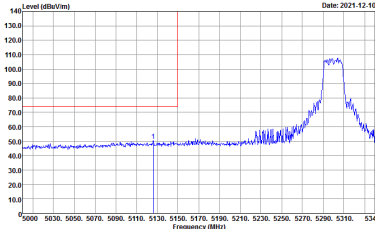
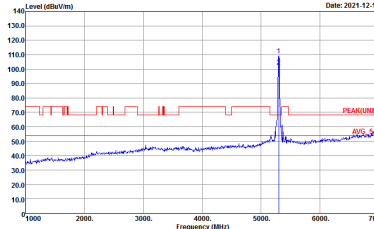
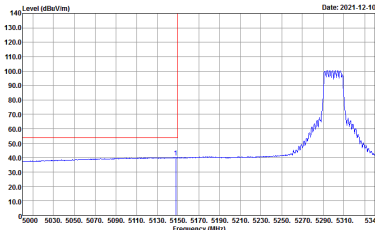


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

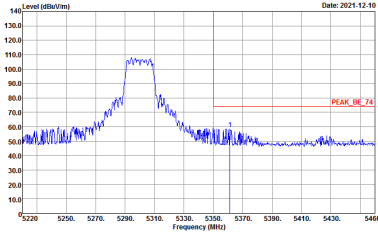
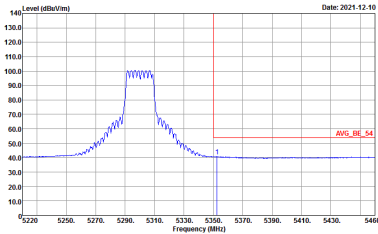


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4+3	Horizontal	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>

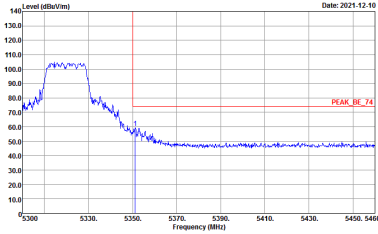
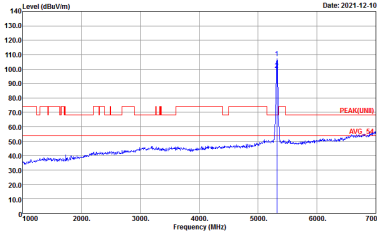
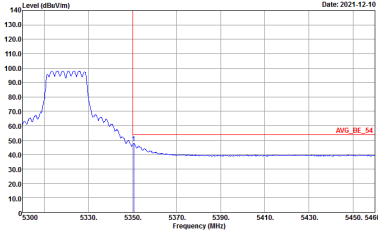


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



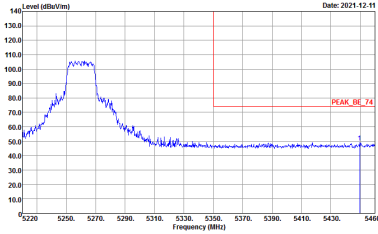
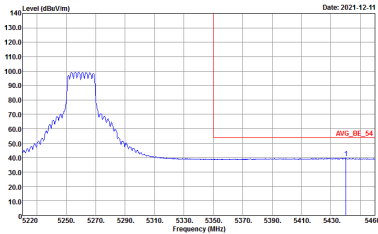
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4+3	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(FUNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



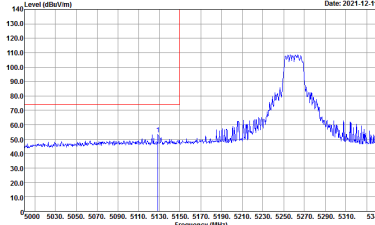
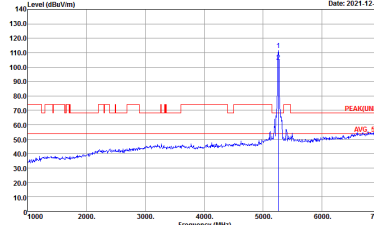
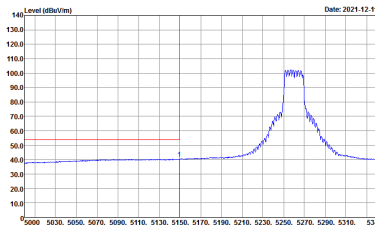
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

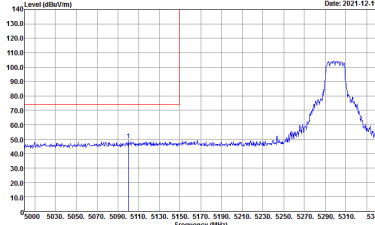
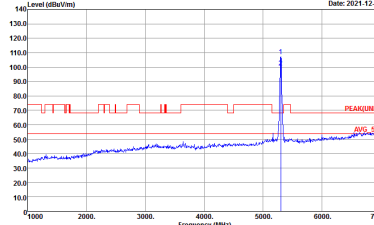
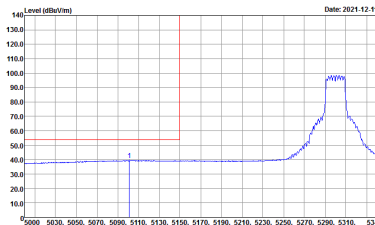


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

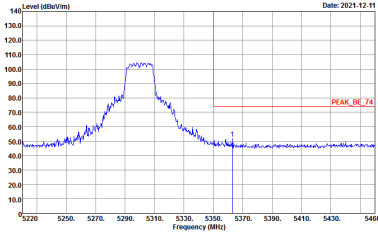
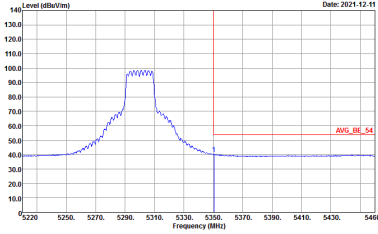


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>

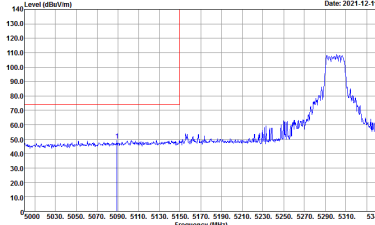
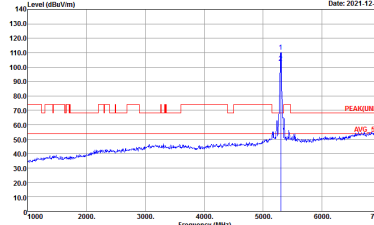
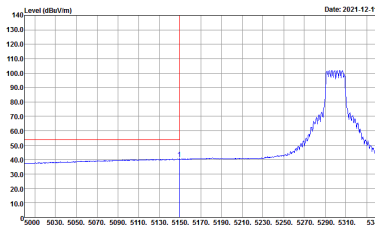


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

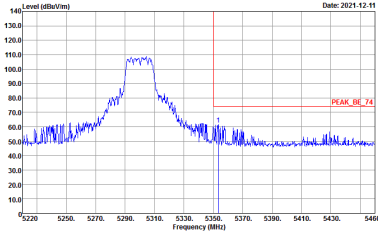
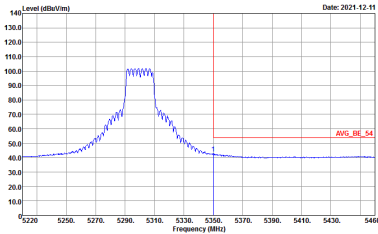


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
4+3	Horizontal	Vertical
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

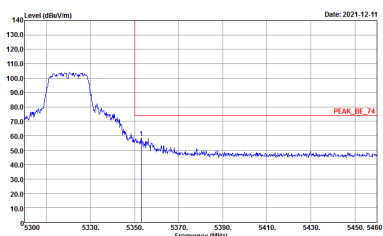
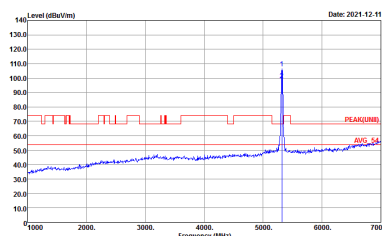
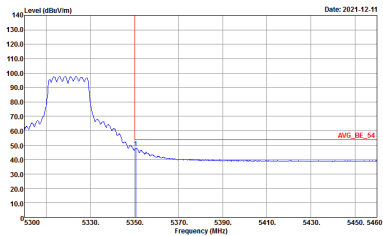


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

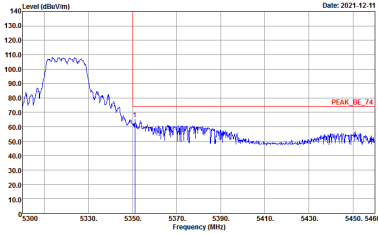
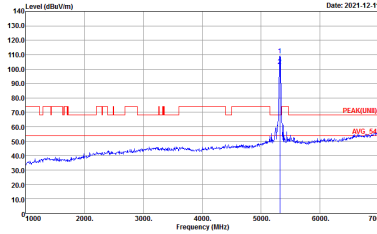
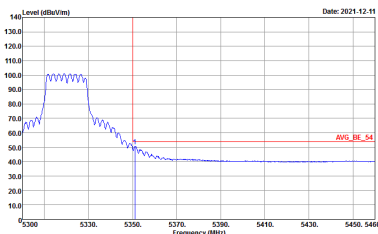


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNB) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



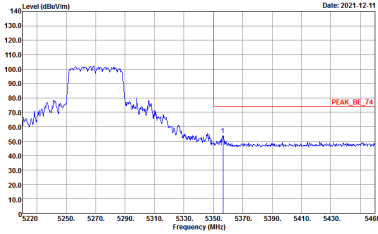
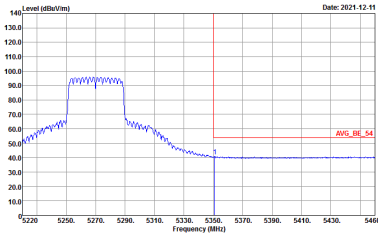
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UN)I 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



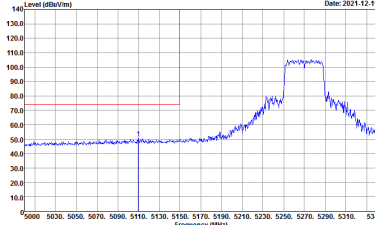
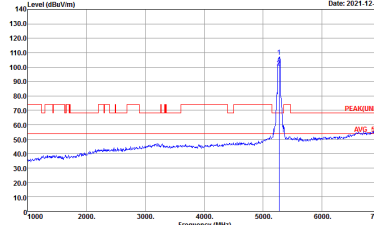
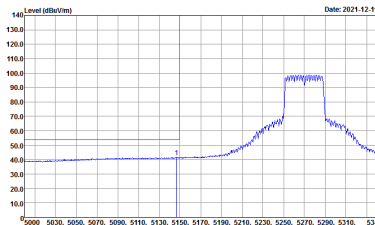
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
4+3	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	<p>Left blank</p>

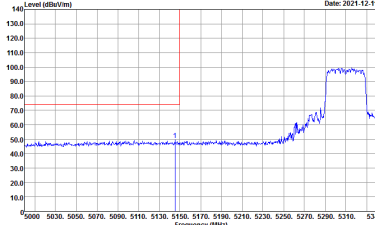
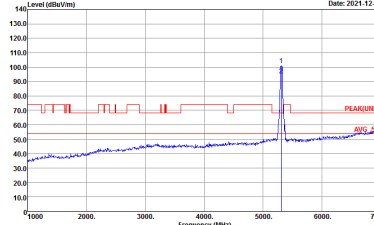
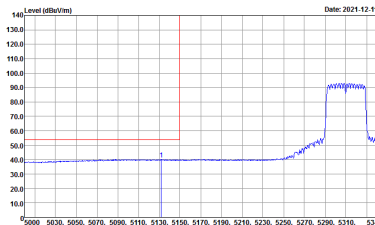


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
4+3	Vertical	Vertical
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

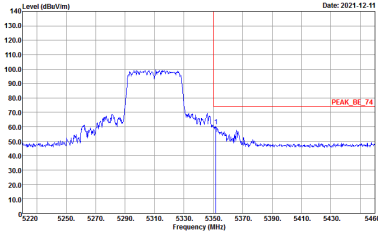
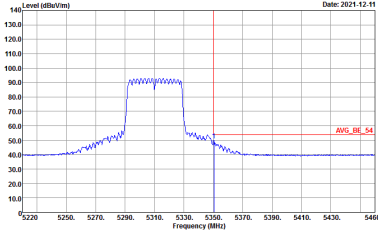


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
4+3	Vertical	Vertical
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto</p>	Left blank

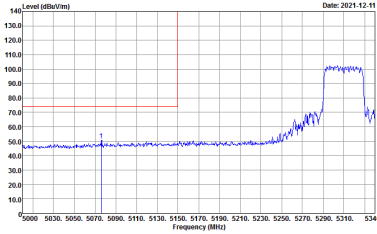
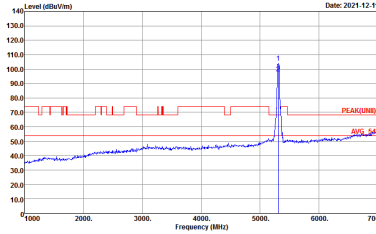
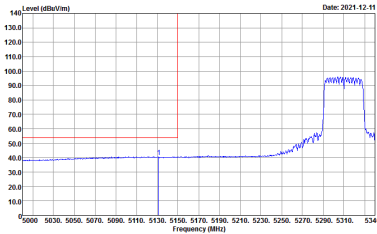


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto</p>	<p>Left blank</p>



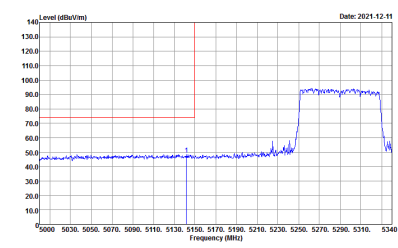
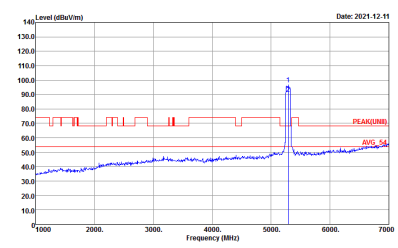
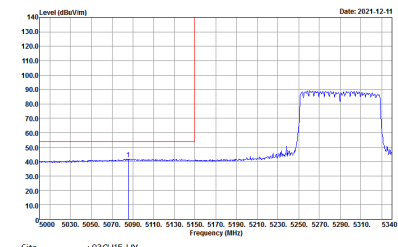
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



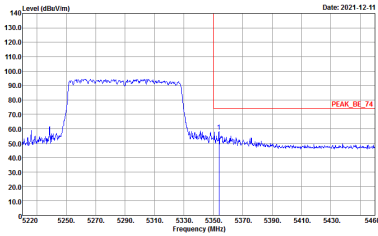
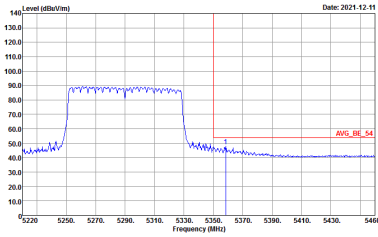
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
4+3	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWF:Auto</p>	Left blank



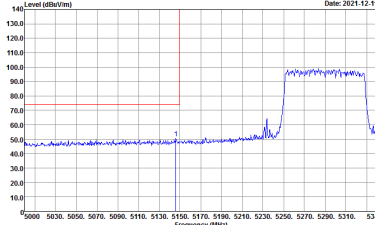
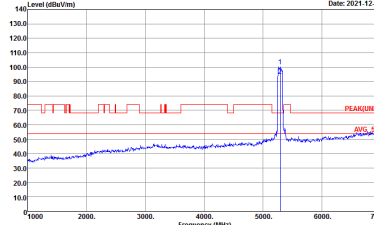
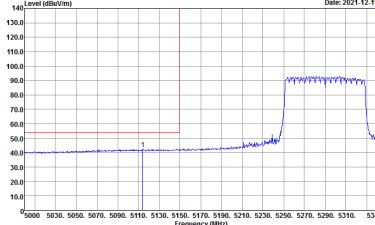
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

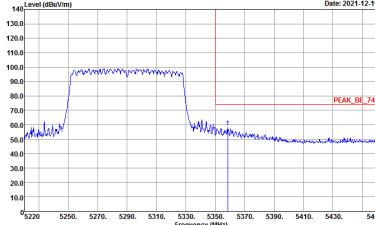
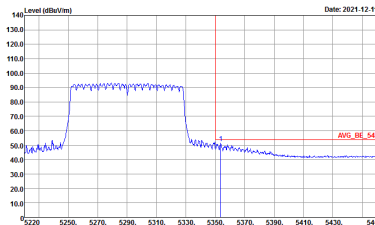


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
4+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:30.000KHz SWT:Auto</p>	<p>Left blank</p>



Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_1620_20211025 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



**Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



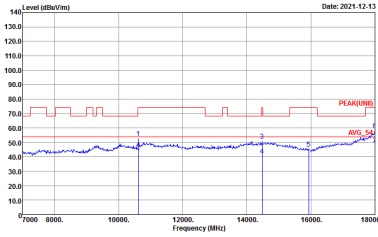
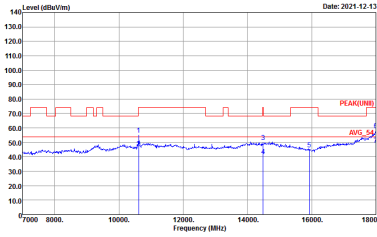
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAk(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAk(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



**Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
4+3	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>

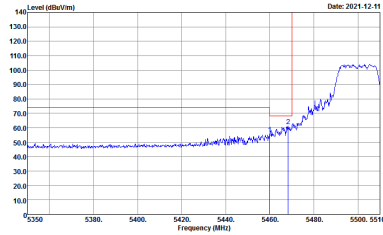
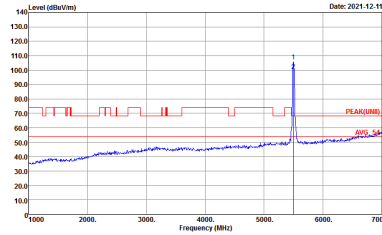
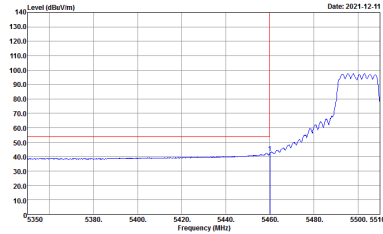


**Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

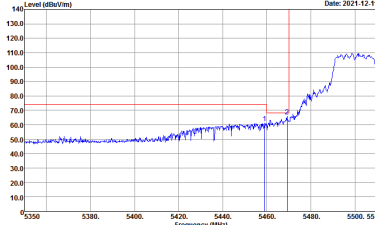
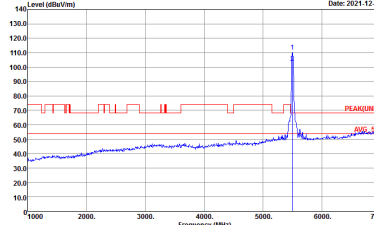
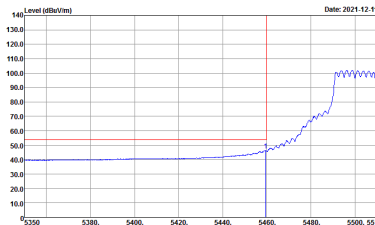
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
4+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 VERTICAL</p>



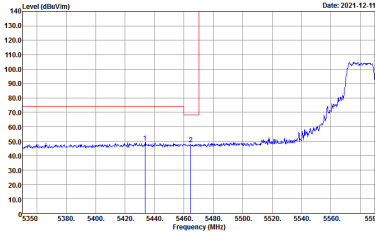
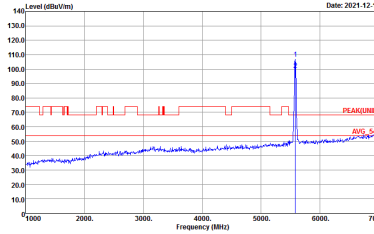
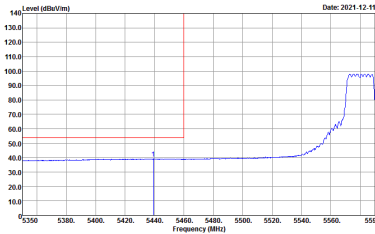
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
4+3	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p align="center">Left blank</p>

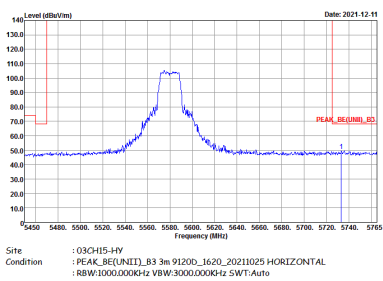


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
4+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNI1)_B3 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNI1) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH15-HY Condition : AVG_BE(UNI1)_B3 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

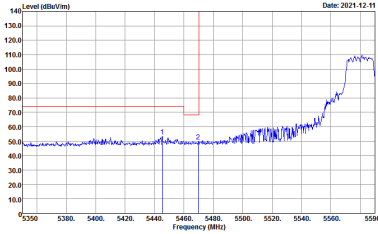
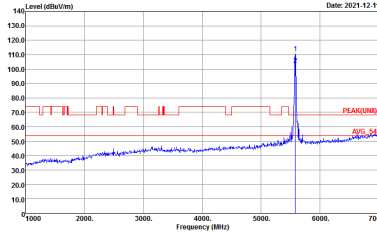
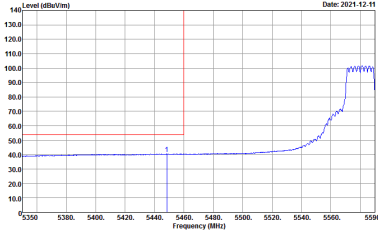


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNI1)_B3 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNI1) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNI1)_B3 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNI)_B3 3m 91200_1620_20211025 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

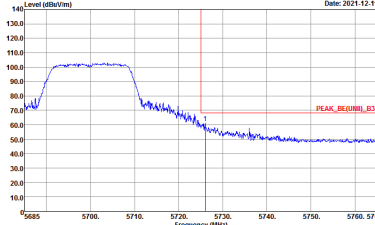
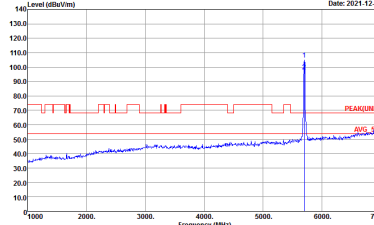


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
4+3	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UNI1)_B3 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UNI1) 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE(UNI1)_B3 3m 91200_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
4+3	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1620_20211025 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
4+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE(UHII)_B3 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK(UHII) 3m 91200_1620_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>