



FCC RADIO TEST REPORT

FCC ID : 2AWRO-8762
Equipment : Wireless Tablet
Model Name : T76N2B
Applicant : Abyssal Plain LLC
CASTLE HILLS
1100 NW LOOP 410, SUITE 700, SAN
ANTONIO, TEXAS, 78213
Standard : FCC Part 15 Subpart E §15.407

The product was received on Oct. 14, 2020 and testing was started from Oct. 20, 2020 and completed on Nov. 17, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR072932-01E	01	Initial issue of report	Jan. 12, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
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
3.5	15.207	AC Conducted Emission	Pass
3.6	15.407(c)	Automatically Discontinue Transmission	Pass
3.7	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 declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Amy Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Wireless Tablet
Model Name	T76N2B
FCC ID	2AWRO-8762
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE

1.2 Product Specification of Equipment Under Test

Product Specification subjective to this standard				
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz			
Maximum Output Power to Antenna	<5180 MHz ~ 5240 MHz>			
	<Ant. 1>			
	802.11a	13.60	dBm	0.0229 W
	802.11n HT20	13.90	dBm	0.0245 W
	802.11n HT40	13.30	dBm	0.0214 W
	802.11ac VHT20	13.40	dBm	0.0219 W
	802.11ac VHT40	12.90	dBm	0.0195 W
	802.11ac VHT80	9.50	dBm	0.0089 W
	<Ant. 2>			
	802.11a	13.80	dBm	0.0240 W
	802.11n HT20	13.90	dBm	0.0245 W
	802.11n HT40	13.30	dBm	0.0214 W
	802.11ac VHT20	13.40	dBm	0.0219 W
	802.11ac VHT40	12.90	dBm	0.0195 W
	802.11ac VHT80	10.30	dBm	0.0107 W

Product Specification subjective to this standard				
Maximum Output Power to Antenna	<5260 MHz ~ 5320 MHz>			
	<Ant. 1>			
	802.11a	13.70	dBm	0.0234 W
	802.11n HT20	13.90	dBm	0.0245 W
	802.11n HT40	13.40	dBm	0.0219 W
	802.11ac VHT20	13.40	dBm	0.0219 W
	802.11ac VHT40	12.90	dBm	0.0195 W
	802.11ac VHT80	10.70	dBm	0.0117 W
	<Ant. 2>			
	802.11a	13.80	dBm	0.0240 W
	802.11n HT20	13.70	dBm	0.0234 W
	802.11n HT40	13.40	dBm	0.0219 W
	802.11ac VHT20	13.20	dBm	0.0209 W
	802.11ac VHT40	12.90	dBm	0.0195 W
	802.11ac VHT80	11.80	dBm	0.0151 W
	<5500 MHz ~ 5720 MHz>			
	<Ant. 1>			
	802.11a	13.90	dBm	0.0245 W
	802.11n HT20	13.90	dBm	0.0245 W
	802.11n HT40	13.20	dBm	0.0209 W
802.11ac VHT20	13.40	dBm	0.0219 W	
802.11ac VHT40	12.70	dBm	0.0186 W	
802.11ac VHT80	12.80	dBm	0.0191 W	
<Ant. 2>				
802.11a	13.90	dBm	0.0245 W	
802.11n HT20	13.90	dBm	0.0245 W	
802.11n HT40	13.40	dBm	0.0219 W	
802.11ac VHT20	13.40	dBm	0.0219 W	
802.11ac VHT40	12.90	dBm	0.0195 W	
802.11ac VHT80	12.80	dBm	0.0191 W	
99% Occupied Bandwidth	<Ant. 1>			
	802.11a	16.93	MHz	
	802.11n HT20	17.83	MHz	
	802.11n HT40	36.76	MHz	
	802.11ac VHT80	76.96	MHz	
	<Ant. 2>			
	802.11a	16.93	MHz	
	802.11n HT20	17.83	MHz	
	802.11n HT40	36.66	MHz	
	802.11ac VHT80	76.84	MHz	

Product Specification subjective to this standard	
Antenna Gain	<5180 MHz ~ 5240 MHz> Ant. 1 : 2.50 dBi Ant. 2 : 1.30 dBi
	<5260 MHz ~ 5320 MHz> Ant. 1 : 2.60 dBi Ant. 2 : 1.10 dBi
	<5500 MHz ~ 5720 MHz> Ant. 1 : 2.30 dBi Ant. 2 : 1.60 dBi
Antenna Type	WLAN Ant. 1: PIFA Antenna Ant. 2: PIFA Antenna
Type of Modulation	802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)

Note: 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 are made to the EUT during all test items.

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, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978		
Test Site No.	Sporton Site No.		
	TH05-HY	CO05-HY	DFS02-HY

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

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory		
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855		
Test Site No.	Sporton Site No.		
	03CH15-HY		

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

FCC designation No.: TW1190 and TW0007



1.5 Applicable Standards

According to the specifications of 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.
- ♦ ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

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, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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

Frequency Band	Channel	Freq. (MHz)	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 in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "[#]" were 802.11ac VHT80.

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + H Pattern + MicroSD Card + Earphone + USB Cable (Charging from AC Adapter (AP15))
Remark: For Radiated Test Cases, the tests were performed with Adapter (AP15).	

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

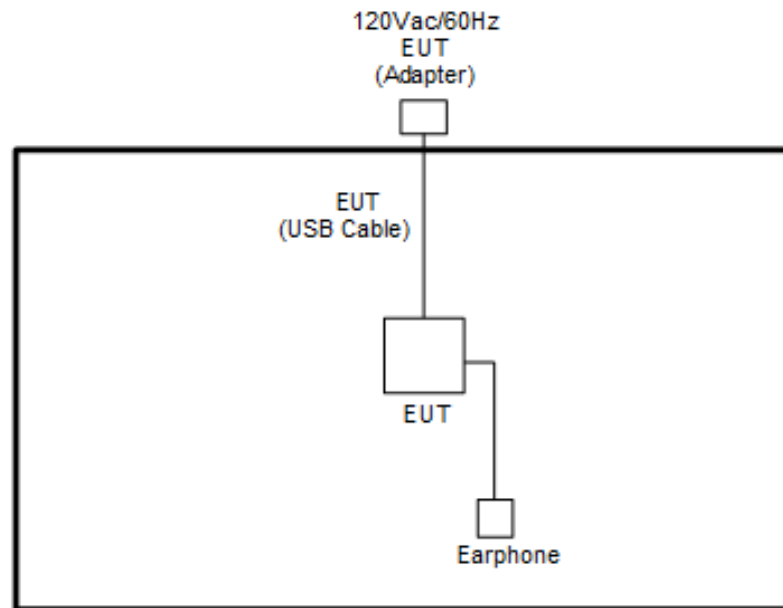
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

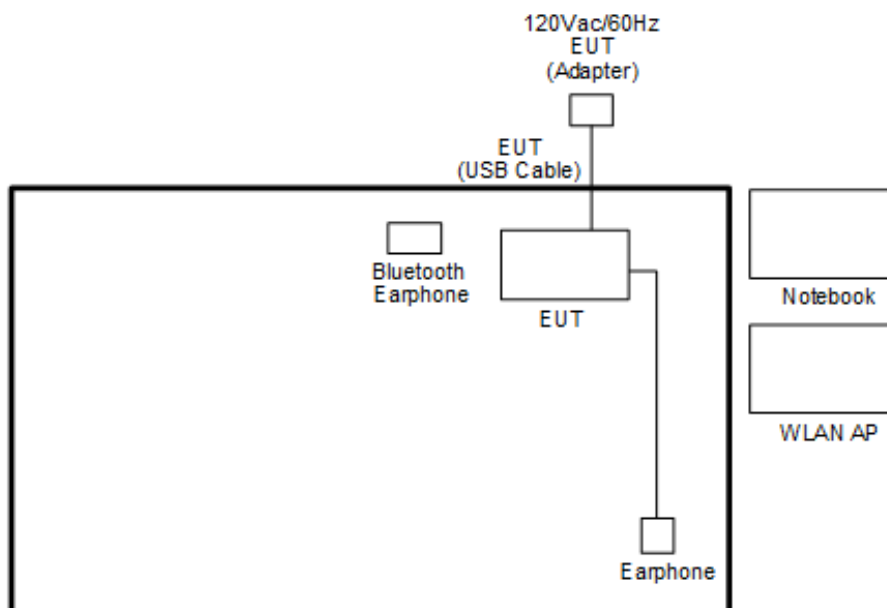
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
4.	Notebook	DELL	Latitude E3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	Earphone	N/A	N/A	N/A	Unshielded, 1.15m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "CMD" 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 10dB 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.

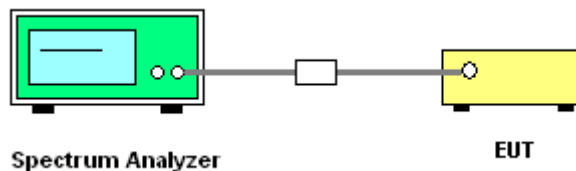
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

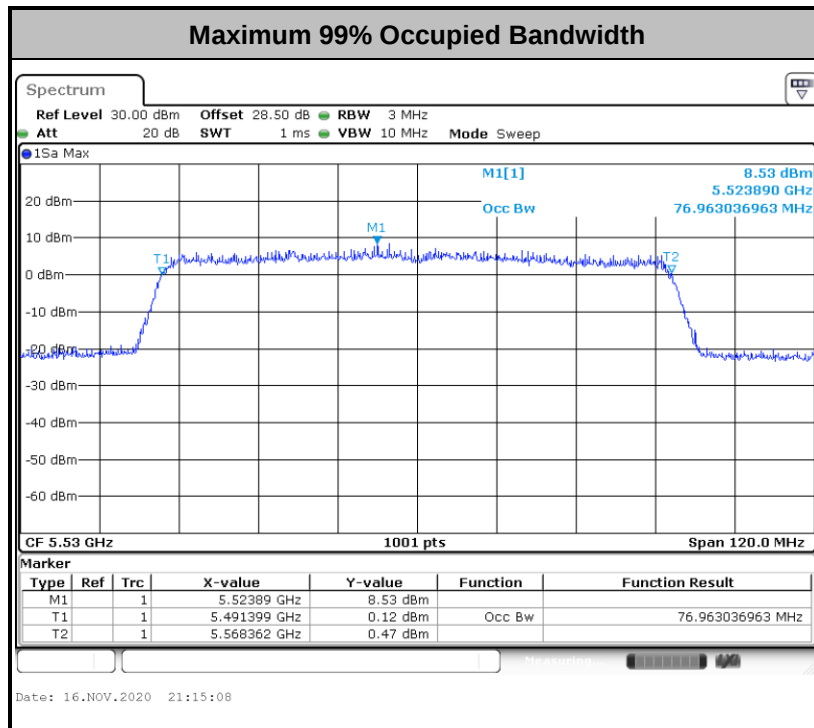
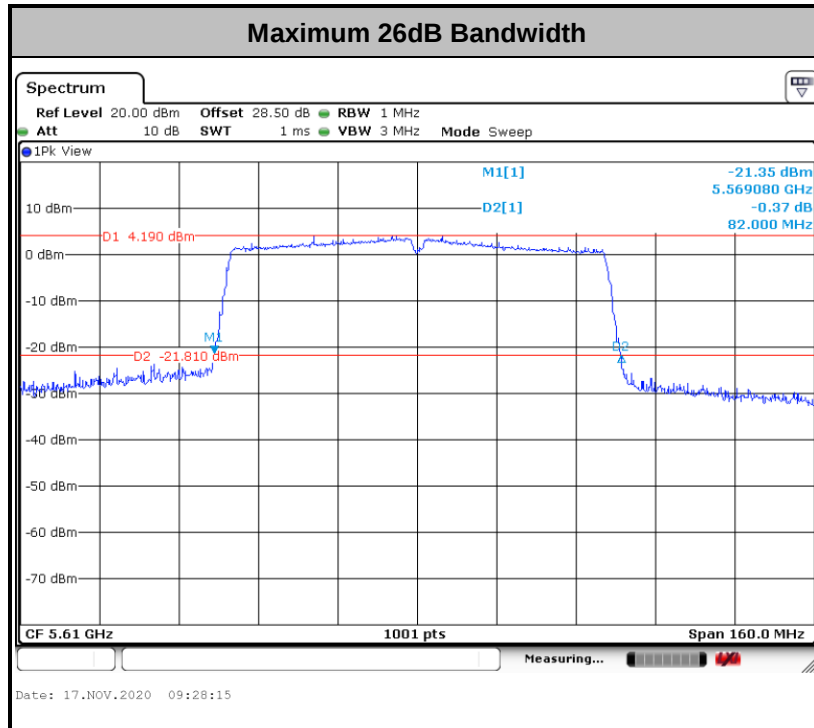
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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.



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 $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

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

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

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

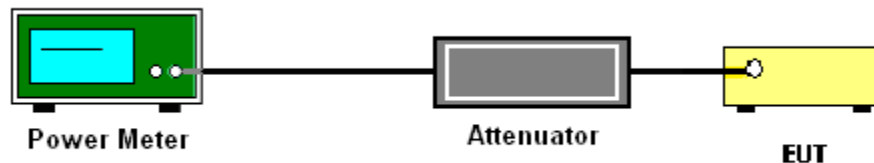
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using an 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.

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

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

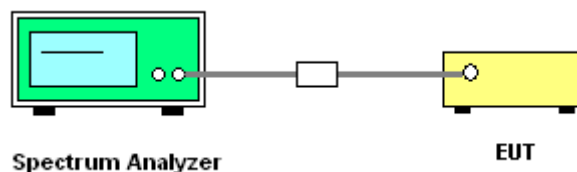
Section F) Maximum power spectral density.

Method SA-3

(power averaging (rms) detection with max hold):

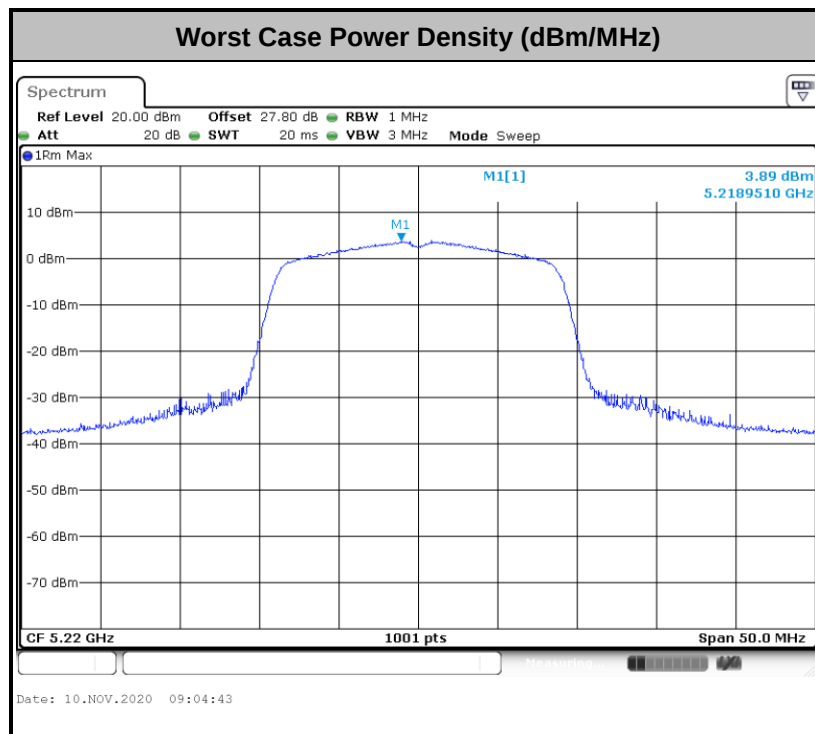
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time $\leq$ (number of points in sweep) $\times$ T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
 - Detector = power averaging (rms).
 - Trace mode = max hold.
 - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
-
1. The RF output of EUT was 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.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

- (2) Unwanted spurious emissions fallen 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.

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



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

See list of measuring equipment of this test report.

3.4.3 Test Procedures

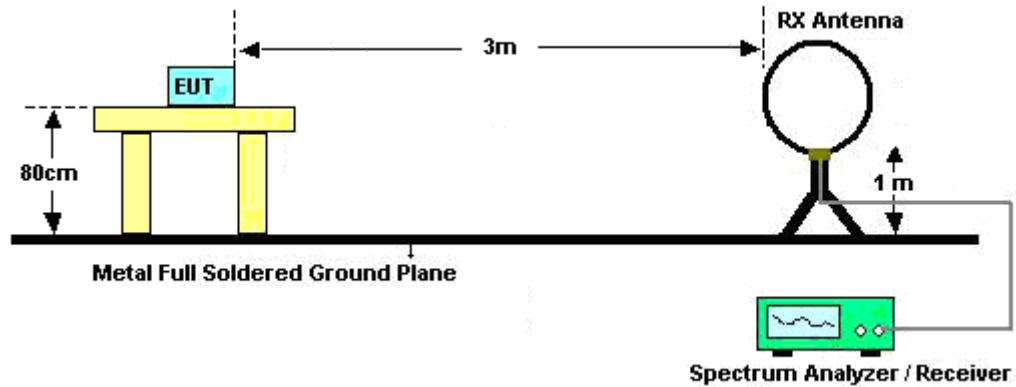
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak 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 1000MHz

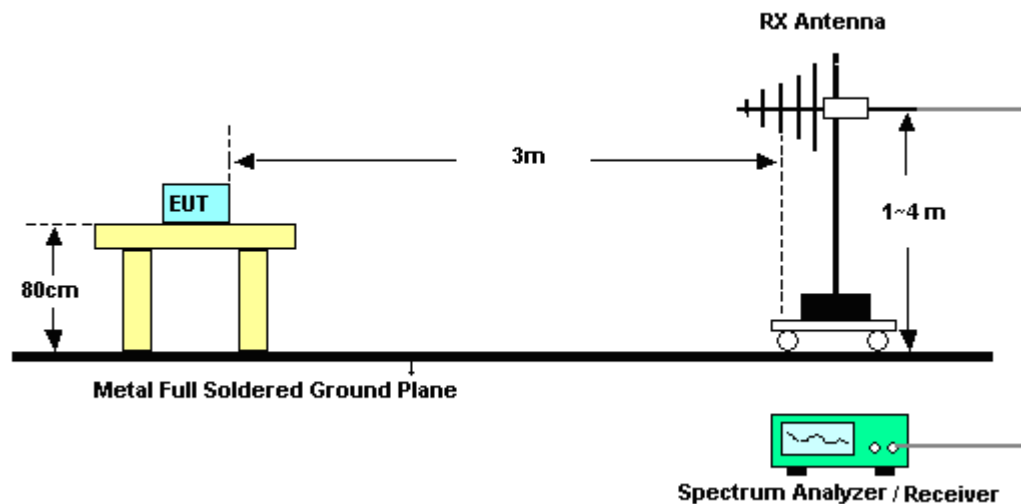
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
 3. The EUT was set 3 meters from the interference receiving antenna which was 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 was 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. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
 7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

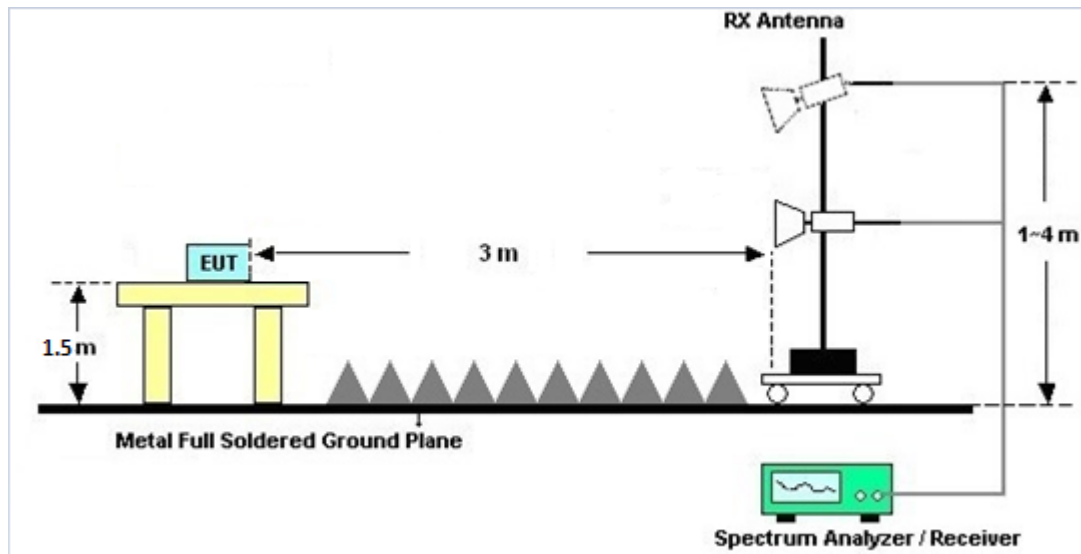
For radiated emissions below 30MHz



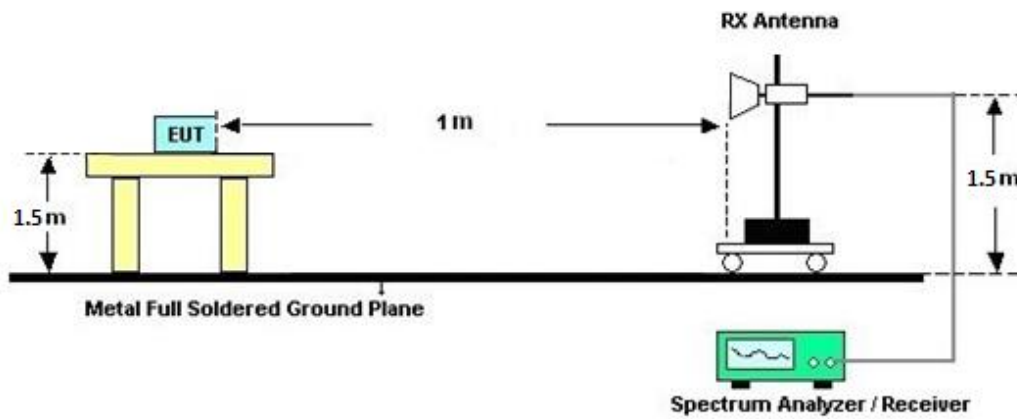
For radiated emissions from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz



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

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

There is a comparison data 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.

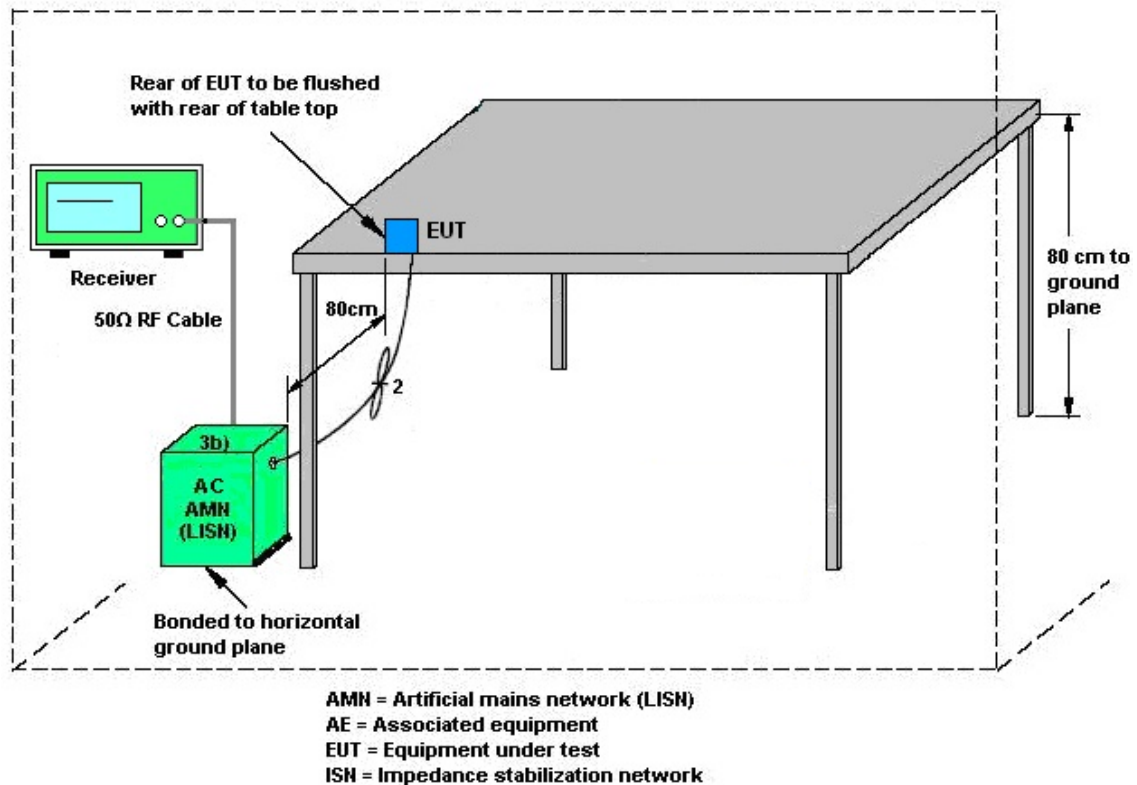
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
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 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

- A. Information start: make EUT supply information to the access point.
- B. Information stop: stop supplying information to the access point.

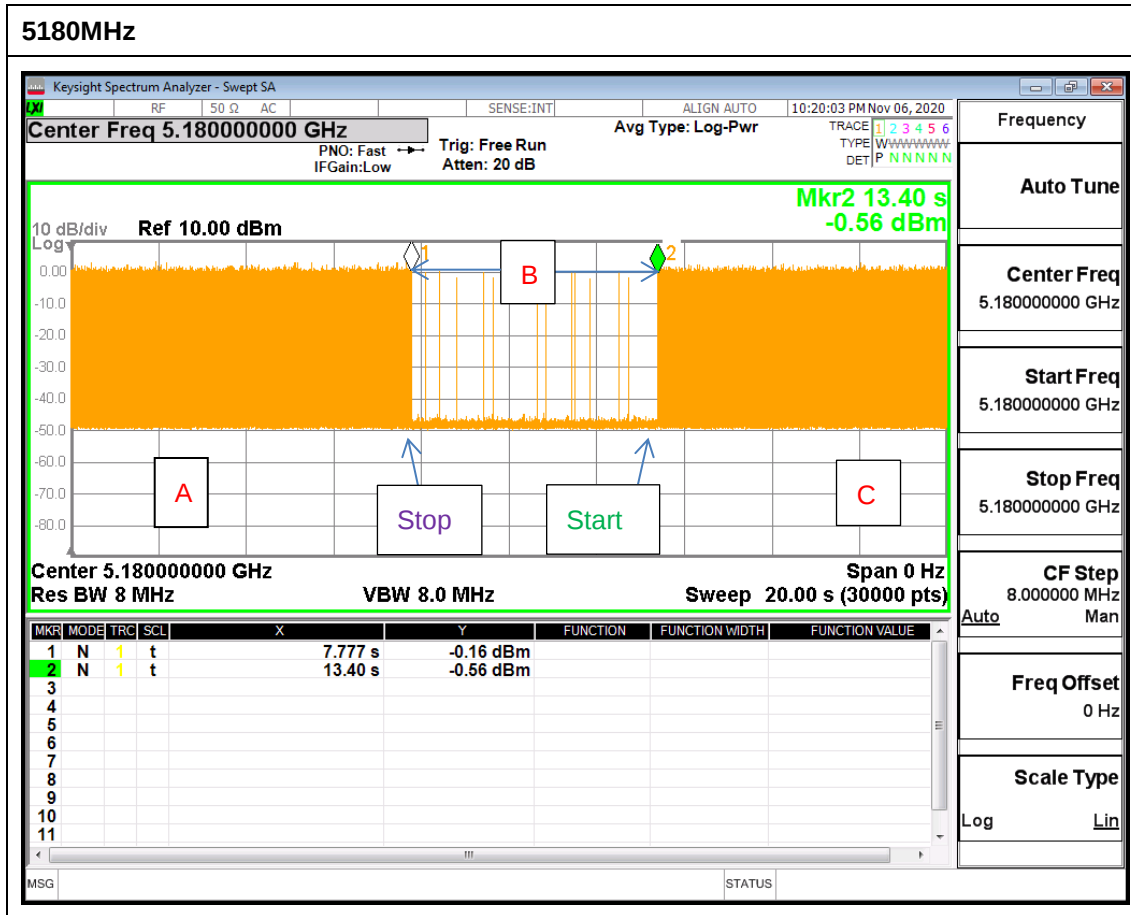
While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

- C. Information start: make EUT supply information to the access point again.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



5180MHz



Note : The control / signalling information during the period B is precluded.



3.7 Antenna Requirements

3.7.1 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.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	Oct. 30, 2020~Nov. 09, 2020	Jan. 08, 2021	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL6111D&00800N1D01N-06	41912&05	30MHz to 1GHz	Feb. 09, 2020	Oct. 30, 2020~Nov. 09, 2020	Feb. 08, 2021	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 27, 2019	Oct. 30, 2020~Nov. 09, 2020	Dec. 26, 2020	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02114	1-18GHz	Aug. 04, 2020	Oct. 30, 2020~Nov. 09, 2020	Aug. 03, 2021	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 10, 2019	Oct. 30, 2020~Nov. 09, 2020	Dec. 09, 2020	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800055006	1GHz~18GHz	May 07, 2020	Oct. 30, 2020~Nov. 09, 2020	May 06, 2021	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 21, 2020	Oct. 30, 2020~Nov. 09, 2020	Aug. 20, 2021	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 13, 2019	Oct. 30, 2020~Nov. 09, 2020	Dec. 12, 2020	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Feb. 10, 2020	Oct. 30, 2020~Nov. 09, 2020	Feb. 09, 2021	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May 04, 2020	Oct. 30, 2020~Nov. 09, 2020	May 03, 2021	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Oct. 30, 2020~Nov. 09, 2020	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Oct. 30, 2020~Nov. 09, 2020	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Oct. 30, 2020~Nov. 09, 2020	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/4	30M-18G	Apr. 14, 2020	Oct. 30, 2020~Nov. 09, 2020	Apr. 13, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9838/4PE	30M-18G	Apr. 14, 2020	Oct. 30, 2020~Nov. 09, 2020	Apr. 13, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY37710/4	30M-18G	Apr. 17, 2020	Oct. 30, 2020~Nov. 09, 2020	Apr. 16, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 25, 2020	Oct. 30, 2020~Nov. 09, 2020	Feb. 24, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 25, 2020	Oct. 30, 2020~Nov. 09, 2020	Feb. 24, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 12, 2020	Oct. 30, 2020~Nov. 09, 2020	Mar. 11, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN4	1.53G Low Pass	Jul. 03, 2020	Oct. 30, 2020~Nov. 09, 2020	Jul. 02, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40S T	SN6	6.75GHz High Pass Filter	Jul. 03, 2020	Oct. 30, 2020~Nov. 09, 2020	Jul. 02, 2021	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	Oct. 20, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Oct. 20, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 07, 2019	Oct. 20, 2020	Nov. 06, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 20, 2019	Oct. 20, 2020	Nov. 19, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Oct. 20, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Oct. 20, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Oct. 20, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Oct. 28, 2020~ Nov. 17, 2020	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SN O10	10MHz~6GHz	Dec. 23, 2019	Oct. 28, 2020~ Nov. 17, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	May 05, 2020	Oct. 28, 2020~ Nov. 17, 2020	May 04, 2021	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Oct. 28, 2020~ Nov. 17, 2020	Mar. 16, 2021	Conducted (TH05-HY)
Spectrum Analyzer	Keysight	N9010A	MY56070412	10Hz~7GHz	Aug. 27, 2020	Nov. 06, 2020	Aug. 26, 2021	DFS (DFS02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7
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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
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

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

Test Engineer:	Shiming Liu/Kathy Chen	Temperature:	22.8~23.6	°C
Test Date:	2020/10/28~2020/11/17	Relative Humidity:	53.6~54.7	%

TEST RESULTS DATA
26dB and 99% OBW

Band I single antenna													
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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	16.68	16.68	21.58	21.53	-		22.22	22.22	
11a	6Mbps	1	44	5220	16.83	16.68	21.38	21.13	-		22.26	22.22	
11a	6Mbps	1	48	5240	16.73	16.73	22.13	21.68	-		22.24	22.24	
HT20	MCS0	1	36	5180	17.83	17.73	24.83	22.33	-		22.51	22.49	
HT20	MCS0	1	44	5220	17.73	17.78	22.08	22.43	-		22.49	22.50	
HT20	MCS0	1	48	5240	17.78	17.68	23.98	22.93	-		22.50	22.48	
HT40	MCS0	1	38	5190	36.56	36.56	41.54	41.36	-		23.01	23.01	
HT40	MCS0	1	46	5230	36.56	36.26	41.45	41.45	-		23.01	23.01	
VHT80	MCS0	1	42	5210	76.72	76.72	81.84	81.68	-		23.01	23.01	

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	13.60	13.60		24.00	24.00	2.50	1.30		Pass
11a	6Mbps	1	44	5220	13.60	13.80		24.00	24.00	2.50	1.30		Pass
11a	6Mbps	1	48	5240	13.60	13.80		24.00	24.00	2.50	1.30		Pass
HT20	MCS0	1	36	5180	13.90	13.90		24.00	24.00	2.50	1.30		Pass
HT20	MCS0	1	44	5220	13.80	13.80		24.00	24.00	2.50	1.30		Pass
HT20	MCS0	1	48	5240	13.80	13.70		24.00	24.00	2.50	1.30		Pass
HT40	MCS0	1	38	5190	12.40	13.30		24.00	24.00	2.50	1.30		Pass
HT40	MCS0	1	46	5230	13.30	13.10		24.00	24.00	2.50	1.30		Pass
VHT20	MCS0	1	36	5180	13.40	13.40		24.00	24.00	2.50	1.30		Pass
VHT20	MCS0	1	44	5220	13.30	13.40		24.00	24.00	2.50	1.30		Pass
VHT20	MCS0	1	48	5240	13.30	13.40		24.00	24.00	2.50	1.30		Pass
VHT40	MCS0	1	38	5190	12.30	12.90		24.00	24.00	2.50	1.30		Pass
VHT40	MCS0	1	46	5230	12.90	12.80		24.00	24.00	2.50	1.30		Pass
VHT80	MCS0	1	42	5210	9.50	10.30		24.00	24.00	2.50	1.30		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	3.35	3.49		11.00	11.00	2.50	1.30	Pass
11a	6Mbps	1	44	5220	3.36	3.60		11.00	11.00	2.50	1.30	Pass
11a	6Mbps	1	48	5240	3.28	3.59		11.00	11.00	2.50	1.30	Pass
HT20	MCS0	1	36	5180	3.62	3.80		11.00	11.00	2.50	1.30	Pass
HT20	MCS0	1	44	5220	3.63	3.89		11.00	11.00	2.50	1.30	Pass
HT20	MCS0	1	48	5240	3.67	3.72		11.00	11.00	2.50	1.30	Pass
HT40	MCS0	1	38	5190	-0.57	0.45		11.00	11.00	2.50	1.30	Pass
HT40	MCS0	1	46	5230	0.46	0.42		11.00	11.00	2.50	1.30	Pass
VHT80	MCS0	1	42	5210	-7.50	-6.20		11.00	11.00	2.50	1.30	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.78	16.73	22.38	21.38	23.25	23.24	29.25	29.24	23.98	23.98	
11a	6Mbps	1	60	5300	16.78	16.78	21.78	21.48	23.25	23.25	29.25	29.25	23.98	23.98	
11a	6Mbps	1	64	5320	16.73	16.78	21.08	21.28	23.24	23.25	29.24	29.25	23.98	23.98	
HT20	MCS0	1	52	5260	17.78	17.73	23.88	21.78	23.50	23.49	29.50	29.49	23.98	23.98	
HT20	MCS0	1	60	5300	17.78	17.73	22.53	24.43	23.50	23.49	29.50	29.49	23.98	23.98	
HT20	MCS0	1	64	5320	17.73	17.78	22.63	22.28	23.49	23.50	29.49	29.50	23.98	23.98	
HT40	MCS0	1	54	5270	36.76	36.46	41.63	41.63	23.98	23.98	30.00	30.00	23.98	23.98	
HT40	MCS0	1	62	5310	36.56	36.36	41.81	41.36	23.98	23.98	30.00	30.00	23.98	23.98	
VHT80	MCS0	1	58	5290	76.84	76.48	81.84	81.68	23.98	23.98	30.00	30.00	23.98	23.98	

TEST RESULTS DATA
Average Power Table

FCC Band II single antenna													
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 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	13.70	13.70		23.98	23.98	2.60	1.10	26.99	Pass
11a	6Mbps	1	60	5300	13.60	13.80		23.98	23.98	2.60	1.10	26.99	Pass
11a	6Mbps	1	64	5320	13.60	13.60		23.98	23.98	2.60	1.10	26.99	Pass
HT20	MCS0	1	52	5260	13.60	13.70		23.98	23.98	2.60	1.10	26.99	Pass
HT20	MCS0	1	60	5300	13.80	13.60		23.98	23.98	2.60	1.10	26.99	Pass
HT20	MCS0	1	64	5320	13.90	13.60		23.98	23.98	2.60	1.10	26.99	Pass
HT40	MCS0	1	54	5270	13.40	13.40		23.98	23.98	2.60	1.10	26.99	Pass
HT40	MCS0	1	62	5310	13.20	13.40		23.98	23.98	2.60	1.10	26.99	Pass
VHT20	MCS0	1	52	5260	13.10	13.20		23.98	23.98	2.60	1.10	26.99	Pass
VHT20	MCS0	1	60	5300	13.10	13.20		23.98	23.98	2.60	1.10	26.99	Pass
VHT20	MCS0	1	64	5320	13.40	13.10		23.98	23.98	2.60	1.10	26.99	Pass
VHT40	MCS0	1	54	5270	12.90	12.90		23.98	23.98	2.60	1.10	26.99	Pass
VHT40	MCS0	1	62	5310	12.80	12.90		23.98	23.98	2.60	1.10	26.99	Pass
VHT80	MCS0	1	58	5290	10.70	11.80		23.98	23.98	2.60	1.10	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	3.33	3.77		11.00	11.00	2.60	1.10	Pass
11a	6Mbps	1	60	5300	3.29	3.62		11.00	11.00	2.60	1.10	Pass
11a	6Mbps	1	64	5320	3.31	3.32		11.00	11.00	2.60	1.10	Pass
HT20	MCS0	1	52	5260	3.38	3.60		11.00	11.00	2.60	1.10	Pass
HT20	MCS0	1	60	5300	3.56	3.47		11.00	11.00	2.60	1.10	Pass
HT20	MCS0	1	64	5320	3.61	3.46		11.00	11.00	2.60	1.10	Pass
HT40	MCS0	1	54	5270	0.26	0.26		11.00	11.00	2.60	1.10	Pass
HT40	MCS0	1	62	5310	0.54	0.48		11.00	11.00	2.60	1.10	Pass
VHT80	MCS0	1	58	5290	-6.07	-4.85		11.00	11.00	2.60	1.10	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.78	16.83	21.13	22.08	23.25	23.26	29.25	29.26	23.98	23.98	----	----
11a	6Mbps	1	116	5580	16.78	16.93	21.63	23.83	23.25	23.29	29.25	29.29	23.98	23.98	----	----
11a	6Mbps	1	140	5700	16.93	16.78	21.28	22.93	23.29	23.25	29.29	29.25	23.98	23.98	----	----
HT20	MCS0	1	100	5500	17.78	17.73	21.33	21.83	23.50	23.49	29.50	29.49	23.98	23.98	----	----
HT20	MCS0	1	116	5580	17.78	17.83	21.58	27.22	23.50	23.51	29.50	29.51	23.98	23.98	----	----
HT20	MCS0	1	140	5700	17.83	17.78	24.53	26.07	23.51	23.50	29.51	29.50	23.98	23.98	----	----
HT40	MCS0	1	102	5510	36.56	36.36	42.08	41.36	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	110	5550	36.56	36.56	41.81	44.24	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	134	5670	36.56	36.66	41.81	41.45	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	106	5530	76.96	76.84	81.84	82.00	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	122	5610	76.60	76.48	82.00	81.52	23.98	23.98	30.00	30.00	23.98	23.98	----	----

Band III straddle channel single antenna																
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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.44	13.39	15.54	16.34	22.28	22.27	28.28	28.27	22.91	23.13	3.192	3.142
HT20	MCS0	1	144	5720	13.94	13.89	15.84	16.84	22.44	22.43	28.44	28.43	23.00	23.26	3.791	3.742
HT40	MCS0	1	142	5710	33.38	33.38	36.13	35.86	23.98	23.98	30.00	30.00	23.98	23.98	2.892	2.892
VHT80	MCS0	1	138	5690	73.60	73.36	75.92	75.76	23.98	23.98	30.00	30.00	23.98	23.98	3.2	3.2

TEST RESULTS DATA
Average Power Table

FCC Band III single antenna													
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 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	13.90	13.90		23.98	23.98	2.30	1.60	26.99	Pass
11a	6Mbps	1	116	5580	13.80	13.90		23.98	23.98	2.30	1.60	26.99	Pass
11a	6Mbps	1	140	5700	13.60	13.60		23.98	23.98	2.30	1.60	26.99	Pass
HT20	MCS0	1	100	5500	13.80	13.70		23.98	23.98	2.30	1.60	26.99	Pass
HT20	MCS0	1	116	5580	13.70	13.90		23.98	23.98	2.30	1.60	26.99	Pass
HT20	MCS0	1	140	5700	13.90	13.90		23.98	23.98	2.30	1.60	26.99	Pass
HT40	MCS0	1	102	5510	13.10	13.40		23.98	23.98	2.30	1.60	26.99	Pass
HT40	MCS0	1	110	5550	13.10	13.40		23.98	23.98	2.30	1.60	26.99	Pass
HT40	MCS0	1	134	5670	13.20	13.30		23.98	23.98	2.30	1.60	26.99	Pass
VHT20	MCS0	1	100	5500	13.40	13.10		23.98	23.98	2.30	1.60	26.99	Pass
VHT20	MCS0	1	116	5580	13.30	13.20		23.98	23.98	2.30	1.60	26.99	Pass
VHT20	MCS0	1	140	5700	13.40	13.40		23.98	23.98	2.30	1.60	26.99	Pass
VHT40	MCS0	1	102	5510	12.60	12.60		23.98	23.98	2.30	1.60	26.99	Pass
VHT40	MCS0	1	110	5550	12.70	12.60		23.98	23.98	2.30	1.60	26.99	Pass
VHT40	MCS0	1	134	5670	12.60	12.90		23.98	23.98	2.30	1.60	26.99	Pass
VHT80	MCS0	1	106	5530	9.50	8.30		23.98	23.98	2.30	1.60	26.99	Pass
VHT80	MCS0	1	122	5610	12.70	12.80		23.98	23.98	2.30	1.60	26.99	Pass

FCC Band III straddle channel single antenna													
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 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	13.60	13.60		22.91	23.13	2.30	1.60	26.99	Pass
HT20	MCS0	1	144	5720	13.90	13.90		23.00	23.26	2.30	1.60	26.99	Pass
HT40	MCS0	1	142	5710	13.10	13.30		23.98	23.98	2.30	1.60	26.99	Pass
VHT20	MCS0	1	144	5720	13.40	13.40		23.98	23.98	2.30	1.60	26.99	Pass
VHT40	MCS0	1	142	5710	12.70	12.80		23.98	23.98	2.30	1.60	26.99	Pass
VHT80	MCS0	1	138	5690	12.80	12.60		23.98	23.98	2.30	1.60	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	3.56	3.85		11.00	11.00	2.30	1.60	Pass
11a	6Mbps	1	116	5580	3.74	3.67		11.00	11.00	2.30	1.60	Pass
11a	6Mbps	1	140	5700	3.68	3.73		11.00	11.00	2.30	1.60	Pass
HT20	MCS0	1	100	5500	3.67	3.65		11.00	11.00	2.30	1.60	Pass
HT20	MCS0	1	116	5580	3.55	3.74		11.00	11.00	2.30	1.60	Pass
HT20	MCS0	1	140	5700	3.34	3.69		11.00	11.00	2.30	1.60	Pass
HT40	MCS0	1	102	5510	0.42	0.72		11.00	11.00	2.30	1.60	Pass
HT40	MCS0	1	110	5550	0.23	0.65		11.00	11.00	2.30	1.60	Pass
HT40	MCS0	1	134	5670	0.19	0.52		11.00	11.00	2.30	1.60	Pass
VHT80	MCS0	1	106	5530	-7.31	-8.16		11.00	11.00	2.30	1.60	Pass
VHT80	MCS0	1	122	5610	-4.00	-3.55		11.00	11.00	2.30	1.60	Pass

Band III straddle channel single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	144	5720	3.37	3.61		11.00	11.00	2.30	1.60	Pass
HT20	MCS0	1	144	5720	3.39	3.76		11.00	11.00	2.30	1.60	Pass
HT40	MCS0	1	142	5710	0.18	0.52		11.00	11.00	2.30	1.60	Pass
VHT80	MCS0	1	138	5690	-4.18	-3.43		11.00	11.00	2.30	1.60	Pass



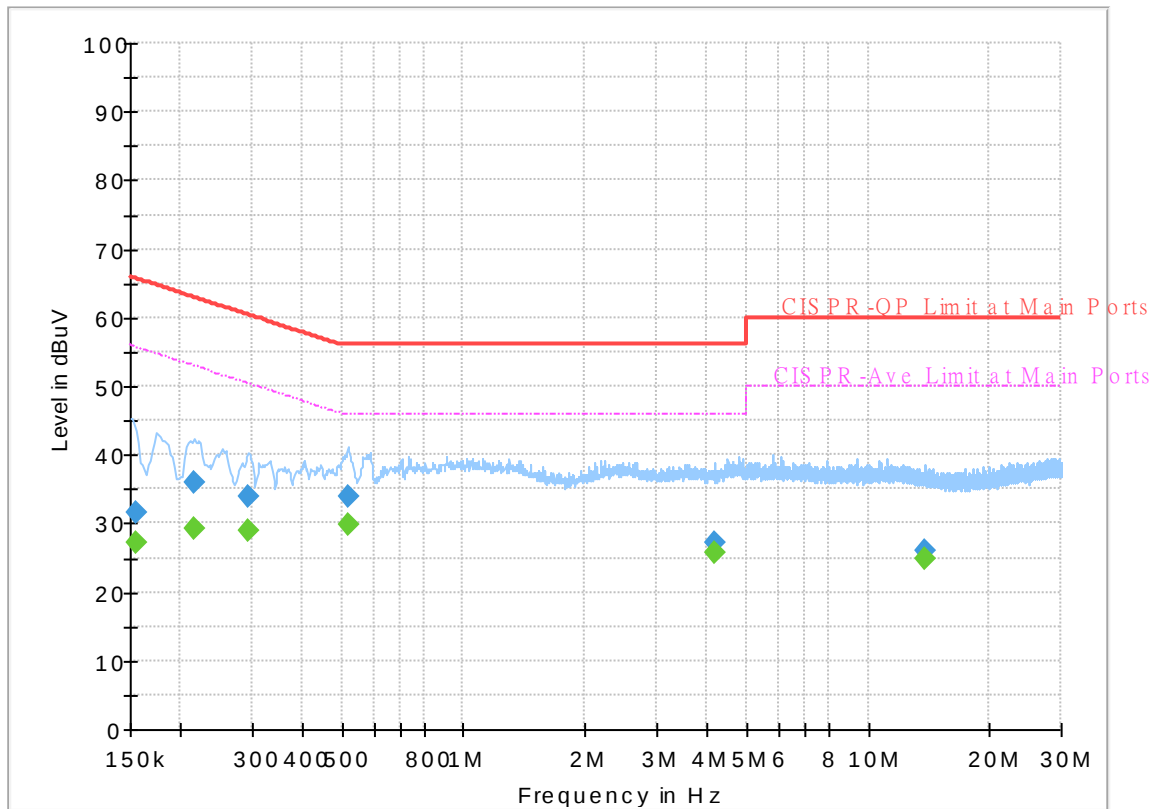
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang and Bor-Shiang,Huang	Temperature :	24~26℃
		Relative Humidity :	38~41%

EUT Information

Report NO : 072932-01
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



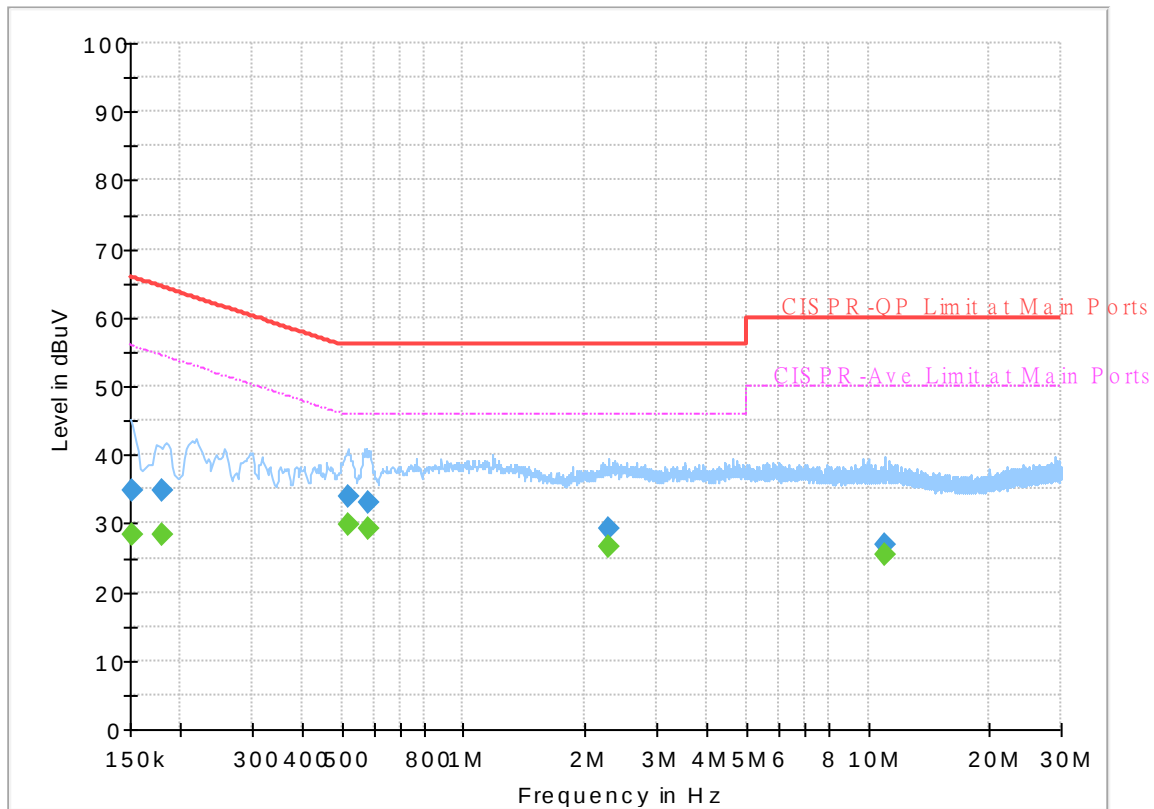
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154725	---	27.08	55.74	28.66	L1	OFF	19.6
0.154725	31.45	---	65.74	34.29	L1	OFF	19.6
0.217140	---	29.16	52.93	23.77	L1	OFF	19.6
0.217140	36.00	---	62.93	26.93	L1	OFF	19.6
0.293370	---	28.96	50.43	21.47	L1	OFF	19.6
0.293370	33.86	---	60.43	26.57	L1	OFF	19.6
0.519090	---	29.94	46.00	16.06	L1	OFF	19.6
0.519090	34.06	---	56.00	21.94	L1	OFF	19.6
4.179750	---	25.64	46.00	20.36	L1	OFF	19.7
4.179750	27.33	---	56.00	28.67	L1	OFF	19.7
13.899210	---	24.77	50.00	25.23	L1	OFF	20.2
13.899210	25.93	---	60.00	34.07	L1	OFF	20.2

EUT Information

Report NO : 072932-01
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)
0.151958	---	28.44	55.89	27.45	N	OFF	19.5
0.151958	34.77	---	65.89	31.12	N	OFF	19.5
0.180150	---	28.39	54.48	26.09	N	OFF	19.5
0.180150	34.85	---	64.48	29.63	N	OFF	19.5
0.520800	---	29.74	46.00	16.26	N	OFF	19.5
0.520800	33.85	---	56.00	22.15	N	OFF	19.5
0.580920	---	29.25	46.00	16.75	N	OFF	19.5
0.580920	33.15	---	56.00	22.85	N	OFF	19.5
2.289750	---	26.70	46.00	19.30	N	OFF	19.6
2.289750	29.29	---	56.00	26.71	N	OFF	19.6
10.966830	---	25.39	50.00	24.61	N	OFF	19.8
10.966830	26.78	---	60.00	33.22	N	OFF	19.8



Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature :	22.1~25.6°C
		Relative Humidity :	47~65%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5146.38	55.07	-18.93	74	42.5	32.09	10.49	30.01	100	292	P	H
		5150	47.83	-6.17	54	35.25	32.1	10.49	30.01	100	292	A	H
	*	5180	110.28	-	-	97.77	31.98	10.54	30.01	100	292	P	H
	*	5180	103.18	-	-	90.67	31.98	10.54	30.01	100	292	A	H
		5046.54	53.67	-20.33	74	41.57	31.78	10.34	30.02	281	43	P	V
		5150	45.13	-8.87	54	32.55	32.1	10.49	30.01	281	43	A	V
	*	5180	105.35	-	-	92.84	31.98	10.54	30.01	281	43	P	V
	*	5180	98.21	-	-	85.7	31.98	10.54	30.01	281	43	A	V
802.11a CH 44 5220MHz		5096.72	54.37	-19.63	74	41.97	31.99	10.42	30.01	100	305	P	H
		5149.76	45.87	-8.13	54	33.29	32.1	10.49	30.01	100	305	A	H
	*	5220	110.14	-	-	97.83	31.74	10.58	30.01	100	305	P	H
	*	5220	102.81	-	-	90.5	31.74	10.58	30.01	100	305	A	H
		5368.72	51.8	-22.2	74	39.64	31.51	10.65	30	100	305	P	H
		5350	43.85	-10.15	54	31.81	31.4	10.64	30	100	305	A	H
		5100.62	53.97	-20.03	74	41.56	32	10.42	30.01	355	317	P	V
		5150	44.3	-9.7	54	31.72	32.1	10.49	30.01	355	317	A	V
	*	5220	106.9	-	-	94.59	31.74	10.58	30.01	355	317	P	V
	*	5220	99.6	-	-	87.29	31.74	10.58	30.01	355	317	A	V
		5425.56	51.5	-22.5	74	38.95	31.85	10.69	29.99	355	317	P	V
		5384.12	42.41	-11.59	54	30.16	31.6	10.65	30	355	317	A	V



802.11a CH 48 5240MHz		5137.28	54.15	-19.85	74	41.61	32.07	10.48	30.01	100	303	P	H
		5150	45.18	-8.82	54	32.6	32.1	10.49	30.01	100	303	A	H
	*	5240	110.8	-	-	98.64	31.58	10.59	30.01	100	303	P	H
	*	5240	102.75	-	-	90.59	31.58	10.59	30.01	100	303	A	H
		5355.28	52.01	-21.99	74	39.94	31.43	10.64	30	100	303	P	H
		5351.92	44.36	-9.64	54	32.31	31.41	10.64	30	100	303	A	H
		5137.28	52.97	-21.03	74	40.43	32.07	10.48	30.01	333	318	P	V
		5150	44.39	-9.61	54	31.81	32.1	10.49	30.01	333	318	A	V
	*	5240	107.36	-	-	95.2	31.58	10.59	30.01	333	318	P	V
	*	5240	100.16	-	-	88	31.58	10.59	30.01	333	318	A	V
		5360.04	51.25	-22.75	74	39.15	31.46	10.64	30	333	318	P	V
		5369.84	42.64	-11.36	54	30.47	31.52	10.65	30	333	318	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. 1	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	47.51	-20.69	68.2	54.34	39.66	14.41	60.9	100	0	P	H
		15540	47.49	-26.51	74	54.42	38.5	17.28	62.71	100	0	P	H
		18000	62.47	-11.53	74	50.04	50.5	19.83	57.9	100	29	P	H
		18000	52.31	-1.69	54	39.88	50.5	19.83	57.9	100	29	A	H
		10360	48.01	-20.19	68.2	54.84	39.66	14.41	60.9	100	0	P	V
		15540	48.75	-25.25	74	55.68	38.5	17.28	62.71	100	0	P	V
		18000	61.8	-12.2	74	49.37	50.5	19.83	57.9	100	21	P	V
		18000	51.54	-2.46	54	39.11	50.5	19.83	57.9	100	21	A	V
802.11a CH 44 5220MHz		10440	49.79	-18.41	68.2	56.5	39.9	14.41	61.02	100	0	P	H
		15660	46.95	-27.05	74	53.96	37.78	17.34	62.13	100	0	P	H
		17993.7	61.87	-12.13	74	49.67	50.29	19.82	57.91	100	30	P	H
		17993.7	51.69	-2.31	54	39.49	50.29	19.82	57.91	100	30	A	H
		10440	49.9	-18.3	68.2	56.61	39.9	14.41	61.02	100	0	P	V
		15660	47.41	-26.59	74	54.42	37.78	17.34	62.13	100	0	P	V
		17968.5	61.57	-12.43	74	50.26	49.46	19.79	57.94	100	20	P	V
		17968.5	50.32	-3.68	54	39.01	49.46	19.79	57.94	100	20	A	V
802.11a CH 48 5240MHz		10480	48.01	-20.19	68.2	54.77	39.9	14.41	61.07	100	0	P	H
		15720	46.51	-27.49	74	53.44	37.54	17.37	61.84	100	0	P	H
		17989	61.9	-12.1	74	49.85	50.14	19.82	57.91	100	28	P	H
		17989	51.7	-2.3	54	39.65	50.14	19.82	57.91	100	28	A	H
		10480	47.84	-20.36	68.2	54.6	39.9	14.41	61.07	100	0	P	V
		15720	49.98	-24.02	74	56.91	37.54	17.37	61.84	100	0	P	V
		18000	62.62	-11.38	74	50.19	50.5	19.83	57.9	100	17	P	V
		18000	51.56	-2.44	54	39.13	50.5	19.83	57.9	100	17	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5148.98	56.92	-17.08	74	44.34	32.1	10.49	30.01	100	289	P	H
		5150	47.98	-6.02	54	35.4	32.1	10.49	30.01	100	289	A	H
	*	5180	110.08	-	-	97.57	31.98	10.54	30.01	100	289	P	H
	*	5180	102.79	-	-	90.28	31.98	10.54	30.01	100	289	A	H
		5133.12	53.61	-20.39	74	41.08	32.07	10.47	30.01	282	45	P	V
		5150	44.96	-9.04	54	32.38	32.1	10.49	30.01	282	45	A	V
	*	5180	104.81	-	-	92.3	31.98	10.54	30.01	282	45	P	V
	*	5180	97.55	-	-	85.04	31.98	10.54	30.01	282	45	A	V
802.11n HT20 CH 44 5220MHz		5104.26	53.57	-20.43	74	41.14	32.01	10.43	30.01	100	304	P	H
		5149.5	45.62	-8.38	54	33.04	32.1	10.49	30.01	100	304	A	H
	*	5220	109.05	-	-	96.74	31.74	10.58	30.01	100	304	P	H
	*	5220	101.8	-	-	89.49	31.74	10.58	30.01	100	304	A	H
		5379.36	51.16	-22.84	74	38.93	31.58	10.65	30	100	304	P	H
		5350	43.32	-10.68	54	31.28	31.4	10.64	30	100	304	A	H
		5102.44	52.6	-21.4	74	40.19	32	10.42	30.01	355	315	P	V
		5149.5	43.99	-10.01	54	31.41	32.1	10.49	30.01	355	315	A	V
	*	5220	105.5	-	-	93.19	31.74	10.58	30.01	355	315	P	V
	*	5220	98.03	-	-	85.72	31.74	10.58	30.01	355	315	A	V
		5408.76	51.6	-22.4	74	39.18	31.75	10.67	30	355	315	P	V
		5458.88	42.26	-11.74	54	29.5	32.02	10.73	29.99	355	315	A	V



802.11n HT20 CH 48 5240MHz		5116.22	53.52	-20.48	74	41.06	32.03	10.44	30.01	100	304	P	H
		5149.76	45.11	-8.89	54	32.53	32.1	10.49	30.01	100	304	A	H
	*	5240	109.55	-	-	97.39	31.58	10.59	30.01	100	304	P	H
	*	5240	102.24	-	-	90.08	31.58	10.59	30.01	100	304	A	H
		5442.08	51.68	-22.32	74	39.01	31.95	10.71	29.99	100	304	P	H
		5351.64	43.64	-10.36	54	31.59	31.41	10.64	30	100	304	A	H
		5111.28	52.6	-21.4	74	40.15	32.02	10.44	30.01	334	316	P	V
		5149.5	43.96	-10.04	54	31.38	32.1	10.49	30.01	334	316	A	V
	*	5240	106.22	-	-	94.06	31.58	10.59	30.01	334	316	P	V
	*	5240	98.9	-	-	86.74	31.58	10.59	30.01	334	316	A	V
		5445.72	50.73	-23.27	74	38.04	31.97	10.71	29.99	334	316	P	V
		5458.04	42.33	-11.67	54	29.57	32.02	10.73	29.99	334	316	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. 1	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	48.82	-19.38	68.2	55.65	39.66	14.41	60.9	100	0	P	H
		15540	49.21	-24.79	74	56.14	38.5	17.28	62.71	100	0	P	H
		18000	63.47	-10.53	74	51.04	50.5	19.83	57.9	100	88	P	H
		18000	51.77	-2.23	54	39.34	50.5	19.83	57.9	100	88	A	H
		10360	48.18	-20.02	68.2	55.01	39.66	14.41	60.9	100	0	P	V
		15540	49.79	-24.21	74	56.72	38.5	17.28	62.71	100	0	P	V
		18000	61.75	-12.25	74	49.32	50.5	19.83	57.9	100	39	P	V
		18000	51.9	-2.1	54	39.47	50.5	19.83	57.9	100	39	A	V
802.11n HT20 CH 44 5220MHz		10440	48.02	-20.18	68.2	54.73	39.9	14.41	61.02	100	0	P	H
		15660	47.95	-26.05	74	54.96	37.78	17.34	62.13	100	0	P	H
		18000	61.75	-12.25	74	49.32	50.5	19.83	57.9	100	56	P	H
		18000	51.89	-2.11	54	39.46	50.5	19.83	57.9	100	56	A	H
		10440	49.48	-18.72	68.2	56.19	39.9	14.41	61.02	100	0	P	V
		15660	49.89	-24.11	74	56.9	37.78	17.34	62.13	100	0	P	V
		17989	60.83	-13.17	74	48.78	50.14	19.82	57.91	100	36	P	V
		17989	51.49	-2.51	54	39.44	50.14	19.82	57.91	100	36	A	V
802.11n HT20 CH 48 5240MHz		10480	47.49	-20.71	68.2	54.25	39.9	13.8	61.07	100	0	P	H
		15720	46.27	-27.73	74	53.2	37.54	16.74	61.84	100	0	P	H
		18000	62.21	-11.79	74	49.78	50.5	19.03	57.9	100	29	P	H
		18000	51.97	-2.03	54	39.54	50.5	19.03	57.9	100	29	A	H
		10480	47.29	-20.91	68.2	54.05	39.9	13.8	61.07	100	0	P	V
		15720	49.08	-24.92	74	56.01	37.54	16.74	61.84	100	0	P	V
		18000	61.75	-12.25	74	49.32	50.5	19.03	57.9	100	78	P	V
		18000	51.87	-2.13	54	39.44	50.5	19.03	57.9	100	78	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5146.64	61.77	-12.23	74	49.2	32.09	10.49	30.01	100	290	P	H
		5150	52.9	-1.1	54	40.32	32.1	10.49	30.01	100	290	A	H
	*	5190	105.42	-	-	92.94	31.94	10.55	30.01	100	290	P	H
	*	5190	98.51	-	-	86.03	31.94	10.55	30.01	100	290	A	H
		5457.48	52.01	-21.99	74	39.26	32.01	10.73	29.99	100	290	P	H
		5457.76	42.64	-11.36	54	29.88	32.02	10.73	29.99	100	290	A	H
		5148.2	56.43	-17.57	74	43.85	32.1	10.49	30.01	314	44	P	V
		5150	47.82	-6.18	54	35.24	32.1	10.49	30.01	314	44	A	V
	*	5190	101.18	-	-	88.7	31.94	10.55	30.01	314	44	P	V
	*	5190	93.86	-	-	81.38	31.94	10.55	30.01	314	44	A	V
		5408.2	52.26	-21.74	74	39.84	31.75	10.67	30	314	44	P	V
		5457.2	42.38	-11.62	54	29.63	32.01	10.73	29.99	314	44	A	V
802.11n HT40 CH 46 5230MHz		5143	54.12	-19.88	74	41.56	32.09	10.48	30.01	100	305	P	H
		5149.5	45.61	-8.39	54	33.03	32.1	10.49	30.01	100	305	A	H
	*	5230	106.84	-	-	94.61	31.66	10.58	30.01	100	305	P	H
	*	5230	99.5	-	-	87.27	31.66	10.58	30.01	100	305	A	H
		5358.08	50.95	-23.05	74	38.86	31.45	10.64	30	100	305	P	H
		5352.2	43.43	-10.57	54	31.38	31.41	10.64	30	100	305	A	H
		5145.86	53.44	-20.56	74	40.87	32.09	10.49	30.01	333	315	P	V
		5149.5	44.16	-9.84	54	31.58	32.1	10.49	30.01	333	315	A	V
	*	5230	103.41	-	-	91.18	31.66	10.58	30.01	333	315	P	V
	*	5230	96.09	-	-	83.86	31.66	10.58	30.01	333	315	A	V
		5445.16	50.68	-23.32	74	37.99	31.97	10.71	29.99	333	315	P	V
		5459.44	42.29	-11.71	54	29.53	32.02	10.73	29.99	333	315	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. 1	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		10380	47.03	-21.17	68.2	53.77	39.78	14.41	60.93	100	0	P	H
		15570	47.6	-26.4	74	54.52	38.35	17.29	62.56	100	0	P	H
		17980.52	60.71	-13.29	74	48.96	49.86	19.81	57.92	100	79	P	H
		17980.52	51.02	-2.98	54	39.27	49.86	19.81	57.92	100	79	A	H
		10380	47.25	-20.95	68.2	53.99	39.78	14.41	60.93	100	0	P	V
		15570	47.49	-26.51	74	54.41	38.35	17.29	62.56	100	0	P	V
		18000	61.77	-12.23	74	49.34	50.5	19.83	57.9	100	58	P	V
		18000	51.91	-2.09	54	39.48	50.5	19.83	57.9	100	58	A	V
802.11n HT40 CH 46 5230MHz		10460	46.91	-21.29	68.2	53.64	39.9	14.41	61.04	100	0	P	H
		15690	47.11	-26.89	74	54.18	37.57	17.35	61.99	100	0	P	H
		17989	61.33	-12.67	74	49.28	50.14	19.82	57.91	100	46	P	H
		17989	51.42	-2.58	54	39.37	50.14	19.82	57.91	100	46	A	H
		10460	48.32	-19.88	68.2	55.05	39.9	14.41	61.04	100	0	P	V
		15690	47.41	-26.59	74	54.48	37.57	17.35	61.99	100	0	P	V
		18000	61.66	-12.34	74	49.23	50.5	19.83	57.9	100	79	P	V
		18000	51.9	-2.1	54	39.47	50.5	19.83	57.9	100	79	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5150	63.01	-10.99	74	50.43	32.1	10.49	30.01	100	303	P	H
		5150	53.14	-0.86	54	40.56	32.1	10.49	30.01	100	303	A	H
	*	5210	99.25	-	-	86.87	31.82	10.57	30.01	100	303	P	H
	*	5210	91.91	-	-	79.53	31.82	10.57	30.01	100	303	A	H
		5443.2	51.73	-22.27	74	39.05	31.96	10.71	29.99	100	303	P	H
		5350.24	42.78	-11.22	54	30.74	31.4	10.64	30	100	303	A	H
		5146.38	60.83	-13.17	74	48.26	32.09	10.49	30.01	323	319	P	V
		5150	51.07	-2.93	54	38.49	32.1	10.49	30.01	323	319	A	V
	*	5206	96.09	-	-	83.68	31.85	10.57	30.01	323	319	P	V
	*	5210	88.9	-	-	76.52	31.82	10.57	30.01	323	319	A	V
		5354.72	51.78	-22.22	74	39.71	31.43	10.64	30	323	319	P	V
		5455.8	42.06	-11.94	54	29.31	32.01	10.73	29.99	323	319	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. 1	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	48.09	-20.11	68.2	54.77	39.9	14.41	60.99	100	0	P	H
		15630	46.59	-27.41	74	53.56	37.99	17.32	62.28	100	0	P	H
		17989	61.36	-12.64	74	49.31	50.14	19.82	57.91	100	39	P	H
		17989	51.51	-2.49	54	39.46	50.14	19.82	57.91	100	39	A	H
		10420	47.54	-20.66	68.2	54.22	39.9	14.41	60.99	100	0	P	V
		15630	46.64	-27.36	74	53.61	37.99	17.32	62.28	100	0	P	V
		17989	61.38	-12.62	74	49.33	50.14	19.82	57.91	100	19	P	V
		17989	51.6	-2.4	54	39.55	50.14	19.82	57.91	100	19	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	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		5099.96	54.22	-19.78	74	41.81	32	10.42	30.01	100	305	P	H
		5147.56	45.27	-8.73	54	32.69	32.1	10.49	30.01	100	305	A	H
	*	5260	110.4	-	-	98.32	31.48	10.6	30	100	305	P	H
	*	5260	102.96	-	-	90.88	31.48	10.6	30	100	305	A	H
		5356.8	53.21	-20.79	74	41.13	31.44	10.64	30	100	305	P	H
		5351.52	44.23	-9.77	54	32.18	31.41	10.64	30	100	305	A	H
		5111.52	53.57	-20.43	74	41.12	32.02	10.44	30.01	334	313	P	V
		5149.94	43.85	-10.15	54	31.27	32.1	10.49	30.01	334	313	A	V
	*	5260	106.53	-	-	94.45	31.48	10.6	30	334	313	P	V
	*	5260	99.19	-	-	87.11	31.48	10.6	30	334	313	A	V
		5370.24	51.1	-22.9	74	38.93	31.52	10.65	30	334	313	P	V
		5370.96	42.63	-11.37	54	30.45	31.53	10.65	30	334	313	A	V
802.11a CH 60 5300MHz		5126.82	52.63	-21.37	74	40.13	32.05	10.46	30.01	100	303	P	H
		5131.58	44.36	-9.64	54	31.84	32.06	10.47	30.01	100	303	A	H
	*	5300	110.54	-	-	98.53	31.4	10.61	30	100	303	P	H
	*	5300	103.18	-	-	91.17	31.4	10.61	30	100	303	A	H
		5361.36	53.88	-20.12	74	41.77	31.47	10.64	30	100	303	P	H
		5350.08	44.87	-9.13	54	32.83	31.4	10.64	30	100	303	A	H
		5136	53.64	-20.36	74	41.11	32.07	10.47	30.01	328	318	P	V
		5133.28	43.63	-10.37	54	31.1	32.07	10.47	30.01	328	318	A	V
	*	5300	107.01	-	-	95	31.4	10.61	30	328	318	P	V
	*	5300	99.6	-	-	87.59	31.4	10.61	30	328	318	A	V
		5413.2	51.53	-22.47	74	39.07	31.78	10.68	30	328	318	P	V
		5380.56	43	-11	54	30.77	31.58	10.65	30	328	318	A	V



802.11a CH 64 5320MHz	*	5320	110.92	-	-	98.9	31.4	10.62	30	100	303	P	H
	*	5320	103.12	-	-	91.1	31.4	10.62	30	100	303	A	H
		5350.72	54.77	-19.23	74	42.73	31.4	10.64	30	100	303	P	H
		5350.08	46.45	-7.55	54	34.41	31.4	10.64	30	100	303	A	H
	*	5320	104.37	-	-	92.35	31.4	10.62	30	317	46	P	V
	*	5320	97.1	-	-	85.08	31.4	10.62	30	317	46	A	V
		5356.16	51.68	-22.32	74	39.6	31.44	10.64	30	317	46	P	V
		5350.24	43.14	-10.86	54	31.1	31.4	10.64	30	317	46	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	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		10520	48.9	-19.3	68.2	55.72	39.88	14.4	61.1	100	0	P	H
		15780	47.43	-26.57	74	53.93	37.66	17.4	61.56	100	0	P	H
		18000	62.28	-11.72	74	49.85	50.5	19.83	57.9	100	29	P	H
		18000	52.07	-1.93	54	39.64	50.5	19.83	57.9	100	29	A	H
		10520	47.56	-20.64	68.2	54.38	39.88	14.4	61.1	100	0	P	V
		15780	49.28	-24.72	74	55.78	37.66	17.4	61.56	100	0	P	V
		18000	62.64	-11.36	74	50.21	50.5	19.83	57.9	100	19	P	V
		18000	52.45	-1.55	54	40.02	50.5	19.83	57.9	100	19	A	V
802.11a CH 60 5300MHz		10600	48.11	-25.89	74	55.01	39.8	14.4	61.1	100	0	P	H
		15900	45.88	-28.12	74	52.1	37.3	17.46	60.98	100	0	P	H
		18000	62.34	-11.66	74	49.91	50.5	19.83	57.9	100	31	P	H
		18000	52.3	-1.7	54	39.87	50.5	19.83	57.9	100	31	A	H
		10600	49.78	-24.22	74	56.68	39.8	14.4	61.1	100	0	P	V
		15900	48.59	-25.41	74	54.81	37.3	17.46	60.98	100	0	P	V
		17989	61.78	-12.22	74	49.73	50.14	19.82	57.91	100	19	P	V
		17989	51.53	-2.47	54	39.48	50.14	19.82	57.91	100	19	A	V
802.11a CH 64 5320MHz		10640	48.77	-25.23	74	55.6	39.88	14.39	61.1	100	0	P	H
		15960	46.4	-27.6	74	52.42	37.18	17.49	60.69	100	0	P	H
		18000	62.4	-11.6	74	49.97	50.5	19.83	57.9	100	33	P	H
		18000	52.15	-1.85	54	39.72	50.5	19.83	57.9	100	33	A	H
		10640	48.51	-25.49	74	55.34	39.88	14.39	61.1	100	0	P	V
		15960	49.92	-24.08	74	55.94	37.18	17.49	60.69	100	0	P	V
		17989	62.18	-11.82	74	50.13	50.14	19.82	57.91	100	20	P	V
		17989	51.07	-2.93	54	39.02	50.14	19.82	57.91	100	20	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 HT20 (Band Edge @ 3m)

WIFI Ant. 1	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		5139.74	53.47	-20.53	74	40.92	32.08	10.48	30.01	100	305	P	H
		5148.92	45.18	-8.82	54	32.6	32.1	10.49	30.01	100	305	A	H
	*	5260	109.45	-	-	97.37	31.48	10.6	30	100	305	P	H
	*	5260	102.1	-	-	90.02	31.48	10.6	30	100	305	A	H
		5400.48	52.22	-21.78	74	39.86	31.7	10.66	30	100	305	P	H
		5350.32	44.1	-9.9	54	32.06	31.4	10.64	30	100	305	A	H
		5139.06	52.1	-21.9	74	39.55	32.08	10.48	30.01	333	314	P	V
		5149.26	43.83	-10.17	54	31.25	32.1	10.49	30.01	333	314	A	V
	*	5260	105.59	-	-	93.51	31.48	10.6	30	333	314	P	V
	*	5260	98.43	-	-	86.35	31.48	10.6	30	333	314	A	V
		5407.44	51.4	-22.6	74	38.99	31.74	10.67	30	333	314	P	V
		5372.16	42.63	-11.37	54	30.45	31.53	10.65	30	333	314	A	V
802.11n HT20 CH 60 5300MHz		5131.92	53.1	-20.9	74	40.58	32.06	10.47	30.01	100	303	P	H
		5133.62	44.31	-9.69	54	31.78	32.07	10.47	30.01	100	303	A	H
	*	5300	110.02	-	-	98.01	31.4	10.61	30	100	303	P	H
	*	5300	102.74	-	-	90.73	31.4	10.61	30	100	303	A	H
		5358.72	54.01	-19.99	74	41.92	31.45	10.64	30	100	303	P	H
		5352	44.75	-9.25	54	32.7	31.41	10.64	30	100	303	A	H
		5138.04	51.87	-22.13	74	39.32	32.08	10.48	30.01	332	317	P	V
		5132.94	43.59	-10.41	54	31.06	32.07	10.47	30.01	332	317	A	V
	*	5300	106.63	-	-	94.62	31.4	10.61	30	332	317	P	V
	*	5300	99.11	-	-	87.1	31.4	10.61	30	332	317	A	V
		5356.8	51.26	-22.74	74	39.18	31.44	10.64	30	332	317	P	V
		5378.64	42.87	-11.13	54	30.65	31.57	10.65	30	332	317	A	V



802.11n HT20 CH 64 5320MHz	*	5320	109.97	-	-	97.95	31.4	10.62	30	100	299	P	H
	*	5320	102.56	-	-	90.54	31.4	10.62	30	100	299	A	H
		5350.08	56.31	-17.69	74	44.27	31.4	10.64	30	100	299	P	H
		5350.08	46.83	-7.17	54	34.79	31.4	10.64	30	100	299	A	H
	*	5320	105.93	-	-	93.91	31.4	10.62	30	366	356	P	V
	*	5320	98.68	-	-	86.66	31.4	10.62	30	366	356	A	V
		5412.64	52.48	-21.52	74	40.02	31.78	10.68	30	366	356	P	V
		5350.08	43.7	-10.3	54	31.66	31.4	10.64	30	366	356	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 HT20 (Harmonic @ 3m)

WIFI Ant. 1	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	46.88	-21.32	68.2	53.7	39.88	14.4	61.1	100	0	P	H
		15780	47.05	-26.95	74	53.55	37.66	17.4	61.56	100	0	P	H
		17956	61	-13	74	50.12	49.05	19.78	57.95	100	77	P	H
		17956	50.34	-3.66	54	39.46	49.05	19.78	57.95	100	77	A	H
		10520	46.52	-21.68	68.2	53.34	39.88	14.4	61.1	100	0	P	V
		15780	48.06	-25.94	74	54.56	37.66	17.4	61.56	100	0	P	V
		18000	61.95	-12.05	74	49.52	50.5	19.83	57.9	100	39	P	V
		18000	51.94	-2.06	54	39.51	50.5	19.83	57.9	100	39	A	V
802.11n HT20 CH 60 5300MHz		10600	47.43	-26.57	74	54.33	39.8	14.4	61.1	100	0	P	H
		15900	45.61	-28.39	74	51.83	37.3	17.46	60.98	100	0	P	H
		18000	61.45	-12.55	74	49.02	50.5	19.83	57.9	100	73	P	H
		18000	51.75	-2.25	54	39.32	50.5	19.83	57.9	100	73	A	H
		10600	49.08	-24.92	74	55.98	39.8	14.4	61.1	100	0	P	V
		15900	49.76	-24.24	74	55.98	37.3	17.46	60.98	100	0	P	V
		17989	61.41	-12.59	74	49.36	50.14	19.82	57.91	100	48	P	V
		17989	51.71	-2.29	54	39.66	50.14	19.82	57.91	100	48	A	V
802.11n HT20 CH 64 5320MHz		10640	47.74	-26.26	74	54.57	39.88	14.39	61.1	100	0	P	H
		15960	46.47	-27.53	74	52.49	37.18	17.49	60.69	100	0	P	H
		18000	61.51	-12.49	74	49.08	50.5	19.83	57.9	100	56	P	H
		18000	51.8	-2.2	54	39.37	50.5	19.83	57.9	100	56	A	H
		10640	47.85	-26.15	74	54.68	39.88	14.39	61.1	100	0	P	V
		15960	48.28	-25.72	74	54.3	37.18	17.49	60.69	100	0	P	V
		18000	61.8	-12.2	74	49.37	50.5	19.83	57.9	100	28	P	V
		18000	51.81	-2.19	54	39.38	50.5	19.83	57.9	100	28	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5138.72	53.46	-20.54	74	40.91	32.08	10.48	30.01	100	302	P	H
		5149.6	44.28	-9.72	54	31.7	32.1	10.49	30.01	100	302	A	H
	*	5270	106.13	-	-	94.07	31.46	10.6	30	100	302	P	H
	*	5270	98.77	-	-	86.71	31.46	10.6	30	100	302	A	H
		5360.16	53.33	-20.67	74	41.23	31.46	10.64	30	100	302	P	H
		5350.08	44.11	-9.89	54	32.07	31.4	10.64	30	100	302	A	H
		5105.4	52.27	-21.73	74	39.84	32.01	10.43	30.01	353	317	P	V
		5149.94	43.68	-10.32	54	31.1	32.1	10.49	30.01	353	317	A	V
	*	5270	101.31	-	-	89.25	31.46	10.6	30	353	317	P	V
	*	5270	94.54	-	-	82.48	31.46	10.6	30	353	317	A	V
		5380.8	51.43	-22.57	74	39.2	31.58	10.65	30	353	317	P	V
		5429.04	42.37	-11.63	54	29.79	31.87	10.7	29.99	353	317	A	V
802.11n HT40 CH 62 5310MHz		5126.14	52.55	-21.45	74	40.05	32.05	10.46	30.01	100	304	P	H
		5149.6	44.46	-9.54	54	31.88	32.1	10.49	30.01	100	304	A	H
	*	5310	107.4	-	-	95.38	31.4	10.62	30	100	304	P	H
	*	5310	100.1	-	-	88.08	31.4	10.62	30	100	304	A	H
		5350.32	58.46	-15.54	74	46.42	31.4	10.64	30	100	304	P	H
		5350.08	51.07	-2.93	54	39.03	31.4	10.64	30	100	304	A	H
		5143.14	53.46	-20.54	74	40.9	32.09	10.48	30.01	313	323	P	V
		5145.52	43.5	-10.5	54	30.93	32.09	10.49	30.01	313	323	A	V
	*	5310	100.92	-	-	88.9	31.4	10.62	30	313	323	P	V
	*	5310	94.56	-	-	82.54	31.4	10.62	30	313	323	A	V
		5351.28	53.22	-20.78	74	41.17	31.41	10.64	30	313	323	P	V
		5350.08	45.52	-8.48	54	33.48	31.4	10.64	30	313	323	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. 1	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	46.04	-22.16	68.2	52.88	39.86	14.4	61.1	100	0	P	H
		15810	46.02	-27.98	74	52.36	37.66	17.41	61.41	100	0	P	H
		18000	61.46	-12.54	74	49.03	50.5	19.83	57.9	100	78	P	H
		18000	51.9	-2.1	54	39.47	50.5	19.83	57.9	100	78	A	H
		10540	46.65	-21.55	68.2	53.49	39.86	14.4	61.1	100	0	P	V
		15810	47.95	-26.05	74	54.29	37.66	17.41	61.41	100	0	P	V
		18000	61.79	-12.21	74	49.36	50.5	19.83	57.9	100	75	P	V
		18000	51.64	-2.36	54	39.21	50.5	19.83	57.9	100	75	A	V
802.11n HT40 CH 62 5310MHz		10620	47.51	-26.49	74	54.38	39.84	14.39	61.1	100	0	P	H
		15930	46.23	-27.77	74	52.35	37.24	17.48	60.84	100	0	P	H
		17989	61.01	-12.99	74	48.96	50.14	19.82	57.91	100	102	P	H
		17989	51.5	-2.5	54	39.45	50.14	19.82	57.91	100	102	A	H
		10620	48.8	-25.2	74	55.67	39.84	14.39	61.1	100	0	P	V
		15930	47.44	-26.56	74	53.56	37.24	17.48	60.84	100	0	P	V
		18000	61.51	-12.49	74	49.08	50.5	19.83	57.9	100	62	P	V
		18000	51.8	-2.2	54	39.37	50.5	19.83	57.9	100	62	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5136.34	52.42	-21.58	74	39.89	32.07	10.47	30.01	100	301	P	H
		5149.94	43.63	-10.37	54	31.05	32.1	10.49	30.01	100	301	A	H
	*	5290	99.39	-	-	87.36	31.42	10.61	30	100	301	P	H
	*	5290	92.49	-	-	80.46	31.42	10.61	30	100	301	A	H
		5351.52	58.53	-15.47	74	46.48	31.41	10.64	30	100	301	P	H
		5350.32	51.63	-2.37	54	39.59	31.4	10.64	30	100	301	A	H
		5065.28	52.55	-21.45	74	40.34	31.86	10.37	30.02	334	318	P	V
		5149.6	43.69	-10.31	54	31.11	32.1	10.49	30.01	334	318	A	V
	*	5290	96.99	-	-	84.96	31.42	10.61	30	334	318	P	V
	*	5290	90.26	-	-	78.23	31.42	10.61	30	334	318	A	V
		5358.24	57	-17	74	44.91	31.45	10.64	30	334	318	P	V
		5350.08	48.13	-5.87	54	36.09	31.4	10.64	30	334	318	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. 1	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	46.72	-21.48	68.2	53.6	39.82	14.4	61.1	100	0	P	H
		15870	47.63	-26.37	74	53.88	37.42	17.45	61.12	100	0	P	H
		18000	61.19	-12.81	74	48.76	50.5	19.83	57.9	100	18	P	H
		18000	51.83	-2.17	54	39.4	50.5	19.83	57.9	100	18	A	H
		10580	47.07	-21.13	68.2	53.95	39.82	14.4	61.1	100	0	P	V
		15870	47.5	-26.5	74	53.75	37.42	17.45	61.12	100	0	P	V
		18000	61.99	-12.01	74	49.56	50.5	19.83	57.9	100	41	P	V
		18000	51.93	-2.07	54	39.5	50.5	19.83	57.9	100	41	A	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5450.32	54.65	-19.35	74	41.92	32	10.72	29.99	100	299	P	H
		5468.08	58.4	-9.8	68.2	45.61	32.04	10.74	29.99	100	299	P	H
		5460	46.33	-7.67	54	33.57	32.02	10.73	29.99	100	299	A	H
	*	5500	111.75	-	-	98.86	32.1	10.78	29.99	100	299	P	H
	*	5500	104.44	-	-	91.55	32.1	10.78	29.99	100	299	A	H
		5351.44	52.66	-21.34	74	40.61	31.41	10.64	30	297	139	P	V
		5468.88	53.85	-14.35	68.2	41.06	32.04	10.74	29.99	297	139	P	V
		5459.76	43.26	-10.74	54	30.5	32.02	10.73	29.99	297	139	A	V
	*	5500	105.48	-	-	92.59	32.1	10.78	29.99	297	139	P	V
	*	5500	97.82	-	-	84.93	32.1	10.78	29.99	297	139	A	V
802.11a CH 116 5580MHz		5442.88	50.82	-23.18	74	38.14	31.96	10.71	29.99	100	297	P	H
		5469.52	50.68	-17.52	68.2	37.89	32.04	10.74	29.99	100	297	P	H
		5459.92	43.85	-10.15	54	31.09	32.02	10.73	29.99	100	297	A	H
	*	5580	111.35	-	-	98.59	31.94	10.87	30.05	100	297	P	H
	*	5580	103.39	-	-	90.63	31.94	10.87	30.05	100	297	A	H
		5743.895	52.17	-16.03	68.2	39.1	32.38	10.86	30.17	100	297	P	H
		5433.52	50.24	-23.76	74	37.63	31.9	10.7	29.99	388	343	P	V
		5460.64	49.03	-19.17	68.2	36.27	32.02	10.73	29.99	388	343	P	V
		5459.92	42.59	-11.41	54	29.83	32.02	10.73	29.99	388	343	A	V
	*	5580	104.33	-	-	91.57	31.94	10.87	30.05	388	343	P	V
	*	5580	97.03	-	-	84.27	31.94	10.87	30.05	388	343	A	V
		5755.55	50.98	-17.22	68.2	37.89	32.4	10.86	30.17	388	343	P	V



802.11a CH 140 5700MHz	*	5700	113.53	-	-	100.59	32.2	10.87	30.13	100	294	P	H
	*	5700	106.15	-	-	93.21	32.2	10.87	30.13	100	294	A	H
		5725	63.65	-4.55	68.2	50.63	32.3	10.87	30.15	100	294	P	H
	*	5700	106.2	-	-	93.26	32.2	10.87	30.13	291	154	P	V
	*	5700	99	-	-	86.06	32.2	10.87	30.13	291	154	A	V
		5725.16	55.48	-12.72	68.2	42.46	32.3	10.87	30.15	291	154	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	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	49.19	-24.81	74	55.32	40.6	14.37	61.1	100	0	P	H
		16500	48.31	-19.89	68.2	50.3	39.3	18.11	59.4	100	0	P	H
		18000	62.27	-11.73	74	49.84	50.5	19.83	57.9	100	30	P	H
		18000	52.18	-1.82	54	39.75	50.5	19.83	57.9	100	30	A	H
		11000	49.58	-24.42	74	55.71	40.6	14.37	61.1	100	0	P	V
		16500	49.25	-18.95	68.2	51.24	39.3	18.11	59.4	100	0	P	V
		18000	62.52	-11.48	74	50.09	50.5	19.83	57.9	100	14	P	V
		18000	51.67	-2.33	54	39.24	50.5	19.83	57.9	100	14	A	V
802.11a CH 116 5580MHz		11160	48.47	-25.53	74	54.89	40.08	14.54	61.04	100	0	P	H
		16740	49.21	-18.99	68.2	50.19	39.88	18.4	59.26	100	0	P	H
		18000	60.63	-13.37	74	48.2	50.5	19.83	57.9	100	34	P	H
		18000	50.92	-3.08	54	38.49	50.5	19.83	57.9	100	34	A	H
		11160	48.21	-25.79	74	54.63	40.08	14.54	61.04	100	0	P	V
		16740	49.53	-18.67	68.2	50.51	39.88	18.4	59.26	100	0	P	V
		17989	60.63	-13.37	74	48.58	50.14	19.82	57.91	100	245	P	V
		17989	50.84	-3.16	54	38.79	50.14	19.82	57.91	100	245	A	V
802.11a CH 140 5700MHz		11400	48.78	-25.22	74	54.73	40.2	14.79	60.94	100	0	P	H
		17100	50.12	-18.08	68.2	50.38	39.9	18.82	58.98	100	0	P	H
		18000	61.57	-12.43	74	49.14	50.5	19.83	57.9	100	29	P	H
		18000	51.4	-2.6	54	38.97	50.5	19.83	57.9	100	29	A	H
		11400	48.72	-25.28	74	54.67	40.2	14.79	60.94	100	0	P	V
		17100	50.47	-17.73	68.2	50.73	39.9	18.82	58.98	100	0	P	V
		18000	62.52	-11.48	74	50.09	50.5	19.83	57.9	100	14	P	V
		18000	52.27	-1.73	54	39.84	50.5	19.83	57.9	100	14	A	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5457.52	54.48	-19.52	74	41.72	32.02	10.73	29.99	100	298	P	H
		5469.36	55.96	-12.24	68.2	43.17	32.04	10.74	29.99	100	298	P	H
		5459.6	46.22	-7.78	54	33.46	32.02	10.73	29.99	100	298	A	H
	*	5500	111.25	-	-	98.36	32.1	10.78	29.99	100	298	P	H
	*	5500	103.54	-	-	90.65	32.1	10.78	29.99	100	298	A	H
		5457.52	52.62	-21.38	74	39.86	32.02	10.73	29.99	314	51	P	V
		5461.68	54.09	-14.11	68.2	41.33	32.02	10.73	29.99	314	51	P	V
		5459.92	43.34	-10.66	54	30.58	32.02	10.73	29.99	314	51	A	V
	*	5500	104.62	-	-	91.73	32.1	10.78	29.99	314	51	P	V
	*	5500	94.85	-	-	81.96	32.1	10.78	29.99	314	51	A	V
802.11n HT20 CH 116 5580MHz		5449.84	51.86	-22.14	74	39.13	32	10.72	29.99	100	298	P	H
		5469.28	50.97	-17.23	68.2	38.18	32.04	10.74	29.99	100	298	P	H
		5459.68	44.13	-9.87	54	31.37	32.02	10.73	29.99	100	298	A	H
	*	5580	110.33	-	-	97.57	31.94	10.87	30.05	100	298	P	H
	*	5580	102.96	-	-	90.2	31.94	10.87	30.05	100	298	A	H
		5738.54	52.11	-16.09	68.2	39.05	32.35	10.87	30.16	100	298	P	H
		5417.68	50.43	-23.57	74	37.93	31.81	10.68	29.99	299	314	P	V
		5467.12	50.01	-18.19	68.2	37.23	32.03	10.74	29.99	299	314	P	V
		5459.92	42.84	-11.16	54	30.08	32.02	10.73	29.99	299	314	A	V
	*	5580	104.41	-	-	91.65	31.94	10.87	30.05	299	314	P	V
	*	5580	97.12	-	-	84.36	31.94	10.87	30.05	299	314	A	V
		5725.31	50.88	-17.32	68.2	37.86	32.3	10.87	30.15	299	314	P	V



802.11n HT20 CH 140 5700MHz	*	5700	112.97	-	-	100.03	32.2	10.87	30.13	100	294	P	H
	*	5700	105.5	-	-	92.56	32.2	10.87	30.13	100	294	A	H
		5726.04	62.5	-5.7	68.2	49.48	32.3	10.87	30.15	100	294	P	H
	*	5700	105.34	-	-	92.4	32.2	10.87	30.13	292	149	P	V
	*	5700	98.11	-	-	85.17	32.2	10.87	30.13	292	149	A	V
		5725.56	57.23	-10.97	68.2	44.21	32.3	10.87	30.15	292	149	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 HT20 (Harmonic @ 3m)

WIFI Ant. 1	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		11000	48.99	-25.01	74	55.12	40.6	14.37	61.1	100	0	P	H
		16500	48.58	-19.62	68.2	50.57	39.3	18.11	59.4	100	0	P	H
		18000	61.78	-12.22	74	49.35	50.5	19.83	57.9	100	67	P	H
		18000	51.84	-2.16	54	39.41	50.5	19.83	57.9	100	67	A	H
		11000	48.82	-25.18	74	54.95	40.6	14.37	61.1	100	0	P	V
		16500	49.28	-18.92	68.2	51.27	39.3	18.11	59.4	100	0	P	V
		17989	61	-13	74	48.95	50.14	19.82	57.91	100	82	P	V
		17989	51.31	-2.69	54	39.26	50.14	19.82	57.91	100	82	A	V
802.11n HT20 CH 116 5580MHz		11160	48.2	-25.8	74	54.62	40.08	14.54	61.04	100	0	P	H
		16740	49.58	-18.62	68.2	50.56	39.88	18.4	59.26	100	0	P	H
		18000	61.55	-12.45	74	49.12	50.5	19.83	57.9	100	79	P	H
		18000	51.9	-2.1	54	39.47	50.5	19.83	57.9	100	79	A	H
		11160	48.21	-25.79	74	54.63	40.08	14.54	61.04	100	0	P	V
		16740	48.91	-19.29	68.2	49.89	39.88	18.4	59.26	100	0	P	V
		18000	61.46	-12.54	74	49.03	50.5	19.83	57.9	100	39	P	V
		18000	51.8	-2.2	54	39.37	50.5	19.83	57.9	100	39	A	V
802.11n HT20 CH 140 5700MHz		11400	46.83	-27.17	74	52.78	40.2	14.79	60.94	100	0	P	H
		17100	49.89	-18.31	68.2	50.15	39.9	18.82	58.98	100	0	P	H
		18000	61.35	-12.65	74	48.92	50.5	19.83	57.9	100	38	P	H
		18000	51.5	-2.5	54	39.07	50.5	19.83	57.9	100	38	A	H
		11400	47	-27	74	52.95	40.2	14.79	60.94	100	0	P	V
		17100	50.55	-17.65	68.2	50.81	39.9	18.82	58.98	100	0	P	V
		18000	61.4	-12.6	74	48.97	50.5	19.83	57.9	100	91	P	V
		18000	51.37	-2.63	54	38.94	50.5	19.83	57.9	100	91	A	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5458.48	56.43	-17.57	74	43.67	32.02	10.73	29.99	100	302	P	H
		5466.64	59.29	-8.91	68.2	46.51	32.03	10.74	29.99	100	302	P	H
		5459.92	49.65	-4.35	54	36.89	32.02	10.73	29.99	100	302	A	H
	*	5510	106.41	-	-	93.54	32.08	10.79	30	100	302	P	H
	*	5510	99.11	-	-	86.24	32.08	10.79	30	100	302	A	H
		5754.29	51.04	-17.16	68.2	37.95	32.4	10.86	30.17	100	302	P	H
		5380.48	50.79	-23.21	74	38.56	31.58	10.65	30	262	144	P	V
		5468.32	54.65	-13.55	68.2	41.86	32.04	10.74	29.99	262	144	P	V
		5459.92	44.49	-9.51	54	31.73	32.02	10.73	29.99	262	144	A	V
	*	5510	101.63	-	-	88.76	32.08	10.79	30	262	144	P	V
	*	5510	94.32	-	-	81.45	32.08	10.79	30	262	144	A	V
		5730.665	51.1	-17.1	68.2	38.07	32.32	10.87	30.16	262	144	P	V
802.11n HT40 CH 110 5550MHz		5397.76	52.83	-21.17	74	40.48	31.69	10.66	30	100	297	P	H
		5462.8	52.73	-15.47	68.2	39.95	32.03	10.74	29.99	100	297	P	H
		5459.68	45.09	-8.91	54	32.33	32.02	10.73	29.99	100	297	A	H
	*	5550	107.95	-	-	95.14	32	10.84	30.03	100	297	P	H
	*	5550	99.83	-	-	87.02	32	10.84	30.03	100	297	A	H
		5730.035	52.6	-15.6	68.2	39.57	32.32	10.87	30.16	100	297	P	H
		5457.28	51.87	-22.13	74	39.12	32.01	10.73	29.99	387	270	P	V
		5468.8	51.17	-17.03	68.2	38.38	32.04	10.74	29.99	387	270	P	V
		5459.92	43.01	-10.99	54	30.25	32.02	10.73	29.99	387	270	A	V
	*	5550	102.53	-	-	89.72	32	10.84	30.03	387	270	P	V
	*	5550	94.42	-	-	81.61	32	10.84	30.03	387	270	A	V
		5734.445	52.87	-15.33	68.2	39.82	32.34	10.87	30.16	387	270	P	V



802.11n HT40 CH 134 5670MHz		5368.2	51.04	-22.96	74	38.88	31.51	10.65	30	100	295	P	H
		5461.65	51.15	-17.05	68.2	38.39	32.02	10.73	29.99	100	295	P	H
		5457.45	42.25	-11.75	54	29.5	32.01	10.73	29.99	100	295	A	H
	*	5670	107.43	-	-	94.64	32.02	10.88	30.11	100	295	P	H
	*	5670	99.98	-	-	87.19	32.02	10.88	30.11	100	295	A	H
		5731.4	53.94	-14.26	68.2	40.9	32.33	10.87	30.16	100	295	P	H
		5419.65	49.7	-24.3	74	37.19	31.82	10.68	29.99	308	300	P	V
		5461.65	49.38	-18.82	68.2	36.62	32.02	10.73	29.99	308	300	P	V
		5458.15	41.99	-12.01	54	29.23	32.02	10.73	29.99	308	300	A	V
	*	5670	101.7	-	-	88.91	32.02	10.88	30.11	308	300	P	V
	*	5670	94.55	-	-	81.76	32.02	10.88	30.11	308	300	A	V
		5755.9	53.16	-15.04	68.2	40.07	32.4	10.86	30.17	308	300	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. 1	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		11020	48.78	-25.22	74	54.96	40.52	14.39	61.09	100	0	P	H
		16530	48.76	-19.44	68.2	50.64	39.36	18.14	59.38	100	0	P	H
		17981.1	60.97	-13.03	74	49.2	49.88	19.81	57.92	100	30	P	H
		17981.1	50.82	-3.18	54	39.05	49.88	19.81	57.92	100	30	A	H
		11020	49.16	-24.84	74	55.34	40.52	14.39	61.09	100	0	P	V
		16530	48.62	-19.58	68.2	50.5	39.36	18.14	59.38	100	0	P	V
		18000	63.17	-10.83	74	50.74	50.5	19.83	57.9	100	20	P	V
		18000	51.53	-2.47	54	39.1	50.5	19.83	57.9	100	20	A	V
802.11n HT40 CH 110 5550MHz		11100	48.58	-25.42	74	54.97	40.2	14.47	61.06	100	0	P	H
		16650	48.23	-19.97	68.2	49.7	39.55	18.29	59.31	100	0	P	H
		18000	61.2	-12.8	74	48.77	50.5	19.83	57.9	100	32	P	H
		18000	51.08	-2.92	54	38.65	50.5	19.83	57.9	100	32	A	H
		11100	47.42	-26.58	74	53.81	40.2	14.47	61.06	100	0	P	V
		16650	48.16	-20.04	68.2	49.63	39.55	18.29	59.31	100	0	P	V
		17993.7	60.6	-13.4	74	48.4	50.29	19.82	57.91	100	214	P	V
		17993.7	50.68	-3.32	54	38.48	50.29	19.82	57.91	100	214	A	V
802.11n HT40 CH 134 5670MHz		11340	46.98	-27.02	74	53.13	40.08	14.73	60.96	100	0	P	H
		17010	49.73	-18.47	68.2	50.1	39.99	18.73	59.09	100	0	P	H
		18000	61.43	-12.57	74	49	50.5	19.83	57.9	100	32	P	H
		18000	51.52	-2.48	54	39.09	50.5	19.83	57.9	100	32	A	H
		11340	47.7	-26.3	74	53.85	40.08	14.73	60.96	100	0	P	V
		17010	51.06	-17.14	68.2	51.43	39.99	18.73	59.09	100	0	P	V
		18000	60.35	-13.65	74	47.92	50.5	19.83	57.9	100	214	P	V
		18000	50.46	-3.54	54	38.03	50.5	19.83	57.9	100	214	A	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5459.68	60.92	-13.08	74	48.16	32.02	10.73	29.99	100	302	P	H
		5469.28	61.64	-6.56	68.2	48.85	32.04	10.74	29.99	100	302	P	H
		5458.24	52.8	-1.2	54	40.04	32.02	10.73	29.99	100	302	A	H
	*	5530	100.2	-	-	87.36	32.04	10.81	30.01	100	302	P	H
	*	5530	92.53	-	-	79.69	32.04	10.81	30.01	100	302	A	H
		5765	51.32	-16.88	68.2	38.24	32.4	10.86	30.18	100	302	P	H
		5453.92	53.2	-20.8	74	40.46	32.01	10.72	29.99	290	297	P	V
		5469.76	55.37	-12.83	68.2	42.58	32.04	10.74	29.99	290	297	P	V
		5458.48	46.63	-7.37	54	33.87	32.02	10.73	29.99	290	297	A	V
	*	5530	95.58	-	-	82.74	32.04	10.81	30.01	290	297	P	V
	*	5530	87.8	-	-	74.96	32.04	10.81	30.01	290	297	A	V
		5742.32	51.45	-16.75	68.2	38.38	32.37	10.86	30.16	290	297	P	V
802.11ac VHT80 CH 122 5610MHz		5455.36	51.57	-22.43	74	38.82	32.01	10.73	29.99	100	301	P	H
		5468.8	51.86	-16.34	68.2	39.07	32.04	10.74	29.99	100	301	P	H
		5459.92	43.72	-10.28	54	30.96	32.02	10.73	29.99	100	301	A	H
	*	5610	101.82	-	-	89.1	31.9	10.89	30.07	100	301	P	H
	*	5610	94.84	-	-	82.12	31.9	10.89	30.07	100	301	A	H
		5750.51	51.67	-16.53	68.2	38.58	32.4	10.86	30.17	100	301	P	H
		5440.72	50.46	-23.54	74	37.8	31.94	10.71	29.99	312	299	P	V
		5466.64	50.44	-17.76	68.2	37.66	32.03	10.74	29.99	312	299	P	V
		5459.92	42.25	-11.75	54	29.49	32.02	10.73	29.99	312	299	A	V
	*	5610	97.26	-	-	84.54	31.9	10.89	30.07	312	299	P	V
	*	5610	90.18	-	-	77.46	31.9	10.89	30.07	312	299	A	V
		5740.115	51.88	-16.32	68.2	38.82	32.36	10.86	30.16	312	299	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. 1	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		11060	48.83	-25.17	74	55.12	40.36	14.43	61.08	100	0	P	H
		16590	49.11	-19.09	68.2	50.76	39.48	18.22	59.35	100	0	P	H
		18000	62.35	-11.65	74	49.92	50.5	19.83	57.9	100	52	P	H
		18000	52.07	-1.93	54	39.64	50.5	19.83	57.9	100	52	A	H
		11060	48.79	-25.21	74	55.08	40.36	14.43	61.08	100	0	P	V
		16590	48.75	-19.45	68.2	50.4	39.48	18.22	59.35	100	0	P	V
		18000	61.85	-12.15	74	49.42	50.5	19.83	57.9	100	23	P	V
		18000	51.57	-2.43	54	39.14	50.5	19.83	57.9	100	23	A	V
802.11ac VHT80 CH 122 5610MHz		11220	48.38	-25.62	74	54.79	40	14.6	61.01	100	0	P	H
		16830	50.51	-17.69	68.2	50.94	40.27	18.5	59.2	100	0	P	H
		18000	62.37	-11.63	74	49.94	50.5	19.83	57.9	100	50	P	H
		18000	52.2	-1.8	54	39.77	50.5	19.83	57.9	100	50	A	H
		11220	48.22	-25.78	74	54.63	40	14.6	61.01	100	0	P	V
		16830	51.13	-17.07	68.2	51.56	40.27	18.5	59.2	100	0	P	V
		18000	62.27	-11.73	74	49.84	50.5	19.83	57.9	100	21	P	V
		18000	51.99	-2.01	54	39.56	50.5	19.83	57.9	100	21	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	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 144 5720MHz		5440.87	50.92	-23.08	74	38.25	31.95	10.71	29.99	100	297	P	H
		5463.1	51.08	-17.12	68.2	38.3	32.03	10.74	29.99	100	297	P	H
		5457.64	42.42	-11.58	54	29.66	32.02	10.73	29.99	100	297	A	H
	*	5720	111.27	-	-	98.27	32.28	10.87	30.15	100	297	P	H
	*	5720	103.94	-	-	90.94	32.28	10.87	30.15	100	297	A	H
		5949.74	53.25	-14.95	68.2	39.63	32.7	11.23	30.31	100	297	P	H
		5386.66	50.92	-23.08	74	38.65	31.62	10.65	30	275	153	P	V
		5461.54	50.97	-17.23	68.2	38.21	32.02	10.73	29.99	275	153	P	V
		5459.59	42.17	-11.83	54	29.41	32.02	10.73	29.99	275	153	A	V
	*	5720	105.42	-	-	92.42	32.28	10.87	30.15	275	153	P	V
	*	5720	98.29	-	-	85.29	32.28	10.87	30.15	275	153	A	V
		5920.36	53.59	-14.61	68.2	40.15	32.58	11.15	30.29	275	153	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	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 144 5720MHz		11440	48.39	-25.61	74	54.23	40.24	14.84	60.92	100	0	P	H
		17160	50.77	-17.43	68.2	50.77	40.02	18.89	58.91	100	0	P	H
		18000	61.87	-12.13	74	49.44	50.5	19.83	57.9	100	28	P	H
		18000	51.72	-2.28	54	39.29	50.5	19.83	57.9	100	28	A	H
		11440	48.82	-25.18	74	54.66	40.24	14.84	60.92	100	0	P	V
		17160	50.02	-18.18	68.2	50.02	40.02	18.89	58.91	100	0	P	V
		18000	62.39	-11.61	74	49.96	50.5	19.83	57.9	100	20	P	V
		18000	52.17	-1.83	54	39.74	50.5	19.83	57.9	100	20	A	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5427.61	52.31	-21.69	74	39.74	31.87	10.69	29.99	100	297	P	H
		5469.34	49.44	-18.76	68.2	36.65	32.04	10.74	29.99	100	297	P	H
		5459.98	42.36	-11.64	54	29.6	32.02	10.73	29.99	100	297	A	H
	*	5720	111.15	-	-	98.15	32.28	10.87	30.15	100	297	P	H
	*	5720	103.85	-	-	90.85	32.28	10.87	30.15	100	297	A	H
		5914.12	53.2	-15	68.2	39.79	32.56	11.14	30.29	100	297	P	H
		5427.22	51.2	-22.8	74	38.64	31.86	10.69	29.99	273	153	P	V
		5465.05	51.15	-17.05	68.2	38.37	32.03	10.74	29.99	273	153	P	V
		5459.98	42.18	-11.82	54	29.42	32.02	10.73	29.99	273	153	A	V
	*	5720	105.52	-	-	92.52	32.28	10.87	30.15	273	153	P	V
	*	5720	98.21	-	-	85.21	32.28	10.87	30.15	273	153	A	V
		5890.98	52.44	-15.76	68.2	39.15	32.48	11.08	30.27	273	153	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. 1	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		11440	46.94	-27.06	74	52.78	40.24	14.84	60.92	100	0	P	H
		17160	50.03	-18.17	68.2	50.03	40.02	18.89	58.91	100	0	P	H
		18000	61.79	-12.21	74	49.36	50.5	19.83	57.9	100	75	P	H
		18000	51.82	-2.18	54	39.39	50.5	19.83	57.9	100	75	A	H
		11440	48.71	-25.29	74	54.55	40.24	14.84	60.92	100	0	P	V
		17160	50.16	-18.04	68.2	50.16	40.02	18.89	58.91	100	0	P	V
		18000	61.55	-12.45	74	49.12	50.5	19.83	57.9	100	75	P	V
		18000	51.87	-2.13	54	39.44	50.5	19.83	57.9	100	75	A	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 HT40 (Band Edge @ 3m)

WIFI Ant. 1	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 142 5710MHz		5423.71	51.57	-22.43	74	39.03	31.84	10.69	29.99	100	297	P	H
		5468.95	51.49	-16.71	68.2	38.7	32.04	10.74	29.99	100	297	P	H
		5457.25	42.54	-11.46	54	29.79	32.01	10.73	29.99	100	297	A	H
	*	5710	108.27	-	-	95.3	32.24	10.87	30.14	100	297	P	H
	*	5710	97.57	-	-	84.6	32.24	10.87	30.14	100	297	A	H
		5852.5	54.03	-14.17	68.2	40.88	32.41	10.98	30.24	100	297	P	H
		5406.94	51.39	-22.61	74	38.98	31.74	10.67	30	391	304	P	V
		5466.61	51.09	-17.11	68.2	38.31	32.03	10.74	29.99	391	304	P	V
		5458.81	42.15	-11.85	54	29.39	32.02	10.73	29.99	391	304	A	V
	*	5710	101.2	-	-	88.23	32.24	10.87	30.14	391	304	P	V
	*	5710	93.39	-	-	80.42	32.24	10.87	30.14	391	304	A	V
		5912.75	54.11	-14.09	68.2	40.72	32.55	11.13	30.29	391	304	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 HT40 (Harmonic @ 3m)

WIFI Ant. 1	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 142 5710MHz		11420	47.45	-26.55	74	53.34	40.22	14.82	60.93	100	0	P	H
		17130	50.67	-17.53	68.2	50.8	39.96	18.85	58.94	100	0	P	H
		18000	62.07	-11.93	74	49.64	50.5	19.83	57.9	100	50	P	H
		18000	51.54	-2.46	54	39.11	50.5	19.83	57.9	100	50	A	H
		11420	48.07	-25.93	74	53.96	40.22	14.82	60.93	100	0	P	V
		17130	50.36	-17.84	68.2	50.49	39.96	18.85	58.94	100	0	P	V
		18000	61.87	-12.13	74	49.44	50.5	19.83	57.9	100	21	P	V
		18000	51.58	-2.42	54	39.15	50.5	19.83	57.9	100	21	A	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 (Band Edge @ 3m)

WIFI Ant. 1	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		5381.59	52.86	-21.14	74	40.62	31.59	10.65	30	100	298	P	H
		5464.27	51.79	-16.41	68.2	39.01	32.03	10.74	29.99	100	298	P	H
		5458.81	42.52	-11.48	54	29.76	32.02	10.73	29.99	100	298	A	H
	*	5690	103.99	-	-	91.1	32.14	10.88	30.13	100	298	P	H
	*	5690	95.47	-	-	82.58	32.14	10.88	30.13	100	298	A	H
		5940.5	53.51	-14.69	68.2	39.96	32.66	11.2	30.31	100	298	P	H
		5429.95	52.21	-21.79	74	39.62	31.88	10.7	29.99	396	305	P	V
		5465.05	51.72	-16.48	68.2	38.94	32.03	10.74	29.99	396	305	P	V
		5458.03	42.2	-11.8	54	29.44	32.02	10.73	29.99	396	305	A	V
	*	5690	96.29	-	-	83.4	32.14	10.88	30.13	396	305	P	V
	*	5690	88.85	-	-	75.96	32.14	10.88	30.13	396	305	A	V
		5885.75	53.63	-14.57	68.2	40.36	32.47	11.07	30.27	396	305	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. 1	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		11380	47.67	-26.33	74	53.69	40.16	14.77	60.95	100	0	P	H
		17070	51.89	-16.31	68.2	52.19	39.93	18.79	59.02	100	0	P	H
		18000	61.93	-12.07	74	49.5	50.5	19.83	57.9	100	52	P	H
		18000	51.87	-2.13	54	39.44	50.5	19.83	57.9	100	52	A	H
		11380	47.71	-26.29	74	53.73	40.16	14.77	60.95	100	0	P	V
		17070	50.21	-17.99	68.2	50.51	39.93	18.79	59.02	100	0	P	V
		18000	62.54	-11.46	74	50.11	50.5	19.83	57.9	100	22	P	V
		18000	51.57	-2.43	54	39.14	50.5	19.83	57.9	100	22	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission above 18GHz
5GHz WIFI 802.11ac VHT80 (SHF)

WIFI Ant. 1	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)
5GHz		23610	41.81	-32.19	74	42.24	39.85	13.02	53.3	150	0	P	H
802.11ac		39780	49.85	-24.15	74	39.53	45.01	19.96	54.65	150	0	P	H
VHT80		23522	41.65	-26.55	68.2	42.19	39.73	13.03	53.3	150	0	P	V
SHF		39890	49.89	-24.11	74	39.14	45.06	20.17	54.48	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		85.29	29.82	-10.18	40	46.7	14.28	1.26	32.42	-	-	P	H
		111.48	31.25	-12.25	43.5	44.98	17.18	1.45	32.36	-	-	P	H
		151.25	31.59	-11.91	43.5	45.12	17.23	1.7	32.46	-	-	P	H
		496.57	38.31	-7.69	46	43.84	23.8	3.11	32.44	100	0	P	H
		717.73	32.85	-13.15	46	34.76	26.78	3.73	32.42	-	-	P	H
		903	32.96	-13.04	46	31.96	28.6	4.31	31.91	-	-	P	H
		84.32	24.68	-15.32	40	41.77	14.09	1.25	32.43	-	-	P	V
		119.24	27.52	-15.98	43.5	40.85	17.59	1.5	32.42	-	-	P	V
		248.25	27.32	-18.68	46	39.51	17.96	2.26	32.41	-	-	P	V
		496.57	33.52	-12.48	46	39.05	23.8	3.11	32.44	-	-	P	V
		715.79	38.92	-7.08	46	40.94	26.67	3.73	32.42	100	0	P	V
		896.21	35.49	-10.51	46	34.57	28.58	4.29	31.95	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



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

WIFI Ant. 2	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		5149.76	54.75	-19.25	74	42.17	32.1	10.49	30.01	100	102	P	H
		5150	46.49	-7.51	54	33.91	32.1	10.49	30.01	100	102	A	H
	*	5180	110.96	-	-	98.45	31.98	10.54	30.01	100	102	P	H
	*	5180	103.54	-	-	91.03	31.98	10.54	30.01	100	102	A	H
		5121.68	52.93	-21.07	74	40.45	32.04	10.45	30.01	298	287	P	V
		5149.5	43.58	-10.42	54	31	32.1	10.49	30.01	298	287	A	V
	*	5180	103.34	-	-	90.83	31.98	10.54	30.01	298	287	P	V
	*	5180	95.96	-	-	83.45	31.98	10.54	30.01	298	287	A	V
802.11a CH 44 5220MHz		5133.64	54.02	-19.98	74	41.49	32.07	10.47	30.01	100	99	P	H
		5150	44.79	-9.21	54	32.21	32.1	10.49	30.01	100	99	A	H
	*	5220	111.14	-	-	98.83	31.74	10.58	30.01	100	99	P	H
	*	5220	103.47	-	-	91.16	31.74	10.58	30.01	100	99	A	H
		5367.6	52.74	-21.26	74	40.58	31.51	10.65	30	100	99	P	H
		5350	43.36	-10.64	54	31.32	31.4	10.64	30	100	99	A	H
		5111.8	53.18	-20.82	74	40.73	32.02	10.44	30.01	294	289	P	V
		5143.78	43.19	-10.81	54	30.62	32.09	10.49	30.01	294	289	A	V
	*	5220	103.38	-	-	91.07	31.74	10.58	30.01	294	289	P	V
	*	5220	96.13	-	-	83.82	31.74	10.58	30.01	294	289	A	V
		5451.88	51.52	-22.48	74	38.79	32	10.72	29.99	294	289	P	V
		5458.6	42.05	-11.95	54	29.29	32.02	10.73	29.99	294	289	A	V



802.11a CH 48 5240MHz		5086.06	53.23	-20.77	74	40.9	31.94	10.4	30.01	100	100	P	H
		5150	44.61	-9.39	54	32.03	32.1	10.49	30.01	100	100	A	H
	*	5240	111.03	-	-	98.87	31.58	10.59	30.01	100	100	P	H
	*	5240	101.71	-	-	89.55	31.58	10.59	30.01	100	100	A	H
		5354.72	52.5	-21.5	74	40.43	31.43	10.64	30	100	100	P	H
		5350.24	43.71	-10.29	54	31.67	31.4	10.64	30	100	100	A	H
		5143.78	53.22	-20.78	74	40.65	32.09	10.49	30.01	312	288	P	V
		5145.6	43.09	-10.91	54	30.52	32.09	10.49	30.01	312	288	A	V
	*	5240	103.99	-	-	91.83	31.58	10.59	30.01	312	288	P	V
	*	5240	96.68	-	-	84.52	31.58	10.59	30.01	312	288	A	V
		5412.12	51.53	-22.47	74	39.08	31.77	10.68	30	312	288	P	V
		5460	42.08	-11.92	54	29.32	32.02	10.73	29.99	312	288	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. 2	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	48.07	-20.13	68.2	54.9	39.66	14.41	60.9	100	0	P	H
		15540	47.2	-26.8	74	54.13	38.5	17.28	62.71	100	0	P	H
		18000	62.75	-11.25	74	50.32	50.5	19.83	57.9	100	30	P	H
		18000	51.65	-2.35	54	39.22	50.5	19.83	57.9	100	30	A	H
		10360	48.57	-19.63	68.2	55.4	39.66	14.41	60.9	100	0	P	V
		15540	48.15	-25.85	74	55.08	38.5	17.28	62.71	100	0	P	V
		18000	62.57	-11.43	74	50.14	50.5	19.83	57.9	100	15	P	V
		18000	51.52	-2.48	54	39.09	50.5	19.83	57.9	100	15	A	V
802.11a CH 44 5220MHz		10440	49.08	-19.12	68.2	55.79	39.9	14.41	61.02	100	0	P	H
		15660	47.05	-26.95	74	54.06	37.78	17.34	62.13	100	0	P	H
		18000	61.97	-12.03	74	49.54	50.5	19.83	57.9	100	21	P	H
		18000	51.79	-2.21	54	39.36	50.5	19.83	57.9	100	21	A	H
		10440	48.06	-20.14	68.2	54.77	39.9	14.41	61.02	100	0	P	V
		15660	47.37	-26.63	74	54.38	37.78	17.34	62.13	100	0	P	V
		18000	62.38	-11.62	74	49.95	50.5	19.83	57.9	100	19	P	V
		18000	52.17	-1.83	54	39.74	50.5	19.83	57.9	100	19	A	V
802.11a CH 48 5240MHz		10480	47.77	-20.43	68.2	54.53	39.9	14.41	61.07	100	0	P	H
		15720	47.05	-26.95	74	53.98	37.54	17.37	61.84	100	0	P	H
		17989	62.36	-11.64	74	50.31	50.14	19.82	57.91	100	31	P	H
		17989	51.18	-2.82	54	39.13	50.14	19.82	57.91	100	31	A	H
		10480	48.05	-20.15	68.2	54.81	39.9	14.41	61.07	100	0	P	V
		15720	48.27	-25.73	74	55.2	37.54	17.37	61.84	100	0	P	V
		18000	62.41	-11.59	74	49.98	50.5	19.83	57.9	100	20	P	V
		18000	52.21	-1.79	54	39.78	50.5	19.83	57.9	100	20	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5150	54.88	-19.12	74	42.3	32.1	10.49	30.01	100	102	P	H
		5150	46.15	-7.85	54	33.57	32.1	10.49	30.01	100	102	A	H
	*	5180	110.72	-	-	98.21	31.98	10.54	30.01	100	102	P	H
	*	5180	102.48	-	-	89.97	31.98	10.54	30.01	100	102	A	H
		5126.62	52.98	-21.02	74	40.48	32.05	10.46	30.01	300	288	P	V
		5150	43.56	-10.44	54	30.98	32.1	10.49	30.01	300	288	A	V
	*	5180	102.62	-	-	90.11	31.98	10.54	30.01	300	288	P	V
	*	5180	95.26	-	-	82.75	31.98	10.54	30.01	300	288	A	V
802.11n HT20 CH 44 5220MHz		5147.68	52.3	-21.7	74	39.72	32.1	10.49	30.01	100	100	P	H
		5148.98	44.39	-9.61	54	31.81	32.1	10.49	30.01	100	100	A	H
	*	5220	109.73	-	-	97.42	31.74	10.58	30.01	100	100	P	H
	*	5220	101.82	-	-	89.51	31.74	10.58	30.01	100	100	A	H
		5362.84	51.28	-22.72	74	39.16	31.48	10.64	30	100	100	P	H
		5350	43.1	-10.9	54	31.06	31.4	10.64	30	100	100	A	H
		5040.56	51.91	-22.09	74	39.86	31.74	10.33	30.02	357	160	P	V
		5143.26	43.04	-10.96	54	30.48	32.09	10.48	30.01	357	160	A	V
	*	5220	101.87	-	-	89.56	31.74	10.58	30.01	357	160	P	V
	*	5220	94.62	-	-	82.31	31.74	10.58	30.01	357	160	A	V
		5456.92	50.71	-23.29	74	37.96	32.01	10.73	29.99	357	160	P	V
		5460	42.31	-11.69	54	29.55	32.02	10.73	29.99	357	160	A	V



802.11n HT20 CH 48 5240MHz		5084.24	52.31	-21.69	74	39.98	31.94	10.4	30.01	112	99	P	H
		5150	44.39	-9.61	54	31.81	32.1	10.49	30.01	112	99	A	H
	*	5240	109.91	-	-	97.75	31.58	10.59	30.01	112	99	P	H
	*	5240	102.05	-	-	89.89	31.58	10.59	30.01	112	99	A	H
		5439	51.08	-22.92	74	38.43	31.93	10.71	29.99	112	99	P	H
		5350	43.33	-10.67	54	31.29	31.4	10.64	30	112	99	A	H
		5000.26	52.17	-21.83	74	40.42	31.5	10.27	30.02	400	146	P	V
		5135.98	42.99	-11.01	54	30.46	32.07	10.47	30.01	400	146	A	V
	*	5240	102.49	-	-	90.33	31.58	10.59	30.01	400	146	P	V
	*	5240	94.92	-	-	82.76	31.58	10.59	30.01	400	146	A	V
		5404.84	51.76	-22.24	74	39.36	31.73	10.67	30	400	146	P	V
		5460	42.29	-11.71	54	29.53	32.02	10.73	29.99	400	146	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. 2	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	47.61	-20.59	68.2	54.44	39.66	14.41	60.9	100	0	P	H
		15540	46.91	-27.09	74	53.84	38.5	17.28	62.71	100	0	P	H
		18000	60.99	-13.01	74	48.56	50.5	19.83	57.9	100	36	P	H
		18000	51.08	-2.92	54	38.65	50.5	19.83	57.9	100	36	A	H
		10360	48.07	-20.13	68.2	54.9	39.66	14.41	60.9	100	0	P	V
		15540	47.12	-26.88	74	54.05	38.5	17.28	62.71	100	0	P	V
		18000	61.42	-12.58	74	48.99	50.5	19.83	57.9	100	231	P	V
		18000	51.41	-2.59	54	38.98	50.5	19.83	57.9	100	231	A	V
802.11n HT20 CH 44 5220MHz		10440	47.63	-20.57	68.2	54.34	39.9	14.41	61.02	100	0	P	H
		15660	47.62	-26.38	74	54.63	37.78	17.34	62.13	100	0	P	H
		17981.1	62.06	-11.94	74	50.29	49.88	19.81	57.92	100	20	P	H
		17981.1	50.02	-3.98	54	38.25	49.88	19.81	57.92	100	20	A	H
		10440	47.72	-20.48	68.2	54.43	39.9	14.41	61.02	100	0	P	V
		15660	46.67	-27.33	74	53.68	37.78	17.34	62.13	100	0	P	V
		18000	62.4	-11.6	74	49.97	50.5	19.83	57.9	100	30	P	V
		18000	51.76	-2.24	54	39.33	50.5	19.83	57.9	100	30	A	V
802.11n HT20 CH 48 5240MHz		10480	49.39	-18.81	68.2	56.15	39.9	14.41	61.07	100	0	P	H
		15720	47.23	-26.77	74	54.16	37.54	17.37	61.84	100	0	P	H
		18000	62.67	-11.33	74	50.24	50.5	19.83	57.9	100	31	P	H
		18000	52.54	-1.46	54	40.11	50.5	19.83	57.9	100	31	A	H
		10480	48.8	-19.4	68.2	55.56	39.9	14.41	61.07	100	0	P	V
		15720	47.04	-26.96	74	53.97	37.54	17.37	61.84	100	0	P	V
		18000	62.41	-11.59	74	49.98	50.5	19.83	57.9	100	19	P	V
		18000	52.19	-1.81	54	39.76	50.5	19.83	57.9	100	19	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5148.46	57.44	-16.56	74	44.86	32.1	10.49	30.01	100	100	P	H
		5150	50.86	-3.14	54	38.28	32.1	10.49	30.01	100	100	A	H
	*	5190	106.78	-	-	94.3	31.94	10.55	30.01	100	100	P	H
	*	5190	100.11	-	-	87.63	31.94	10.55	30.01	100	100	A	H
		5350.52	51.04	-22.96	74	39	31.4	10.64	30	100	100	P	H
		5351.36	42.79	-11.21	54	30.74	31.41	10.64	30	100	100	A	H
		5149.5	53.11	-20.89	74	40.53	32.1	10.49	30.01	300	286	P	V
		5150	45.79	-8.21	54	33.21	32.1	10.49	30.01	300	286	A	V
	*	5190	99.9	-	-	87.42	31.94	10.55	30.01	300	286	P	V
	*	5190	92.61	-	-	80.13	31.94	10.55	30.01	300	286	A	V
		5430.88	49.65	-24.35	74	37.05	31.89	10.7	29.99	300	286	P	V
		5460	42.05	-11.95	54	29.29	32.02	10.73	29.99	300	286	A	V
802.11n HT40 CH 46 5230MHz		5135.72	52	-22	74	39.47	32.07	10.47	30.01	100	98	P	H
		5149.76	44.4	-9.6	54	31.82	32.1	10.49	30.01	100	98	A	H
	*	5230	106.46	-	-	94.23	31.66	10.58	30.01	100	98	P	H
	*	5230	99.24	-	-	87.01	31.66	10.58	30.01	100	98	A	H
		5353.6	50.84	-23.16	74	38.78	31.42	10.64	30	100	98	P	H
		5350.24	43.36	-10.64	54	31.32	31.4	10.64	30	100	98	A	H
		5131.04	52.95	-21.05	74	40.43	32.06	10.47	30.01	400	145	P	V
		5134.68	43.09	-10.91	54	30.56	32.07	10.47	30.01	400	145	A	V
	*	5230	99.96	-	-	87.73	31.66	10.58	30.01	400	145	P	V
	*	5230	92.54	-	-	80.31	31.66	10.58	30.01	400	145	A	V
		5457.2	51.42	-22.58	74	38.67	32.01	10.73	29.99	400	145	P	V
		5456.36	42.26	-11.74	54	29.51	32.01	10.73	29.99	400	145	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. 2	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		10380	48.75	-19.45	68.2	55.49	39.78	14.41	60.93	100	0	P	H
		15570	47.73	-26.27	74	54.65	38.35	17.29	62.56	100	0	P	H
		18000	62.29	-11.71	74	49.86	50.5	19.83	57.9	100	29	P	H
		18000	52.17	-1.83	54	39.74	50.5	19.83	57.9	100	29	A	H
		10380	48.24	-19.96	68.2	54.98	39.78	14.41	60.93	100	0	P	V
		15570	48.14	-25.86	74	55.06	38.35	17.29	62.56	100	0	P	V
		18000	62.08	-11.92	74	49.65	50.5	19.83	57.9	100	20	P	V
		18000	51.87	-2.13	54	39.44	50.5	19.83	57.9	100	20	A	V
802.11n HT40 CH 46 5230MHz		10460	48.04	-20.16	68.2	54.77	39.9	14.41	61.04	100	0	P	H
		15690	48.07	-25.93	74	55.14	37.57	17.35	61.99	100	0	P	H
		17989	62.26	-11.74	74	50.21	50.14	19.82	57.91	100	32	P	H
		17989	51.18	-2.82	54	39.13	50.14	19.82	57.91	100	32	A	H
		10460	48.06	-20.14	68.2	54.79	39.9	14.41	61.04	100	0	P	V
		15690	47.06	-26.94	74	54.13	37.57	17.35	61.99	100	0	P	V
		18000	62.06	-11.94	74	49.63	50.5	19.83	57.9	100	18	P	V
		18000	51.9	-2.1	54	39.47	50.5	19.83	57.9	100	18	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5150	60.41	-13.59	74	47.83	32.1	10.49	30.01	100	97	P	H
		5150	53.45	-0.55	54	40.87	32.1	10.49	30.01	100	97	P	H
	*	5210	103	-	-	90.62	31.82	10.57	30.01	100	97	P	H
	*	5210	95.27	-	-	82.89	31.82	10.57	30.01	100	97	A	H
		5354.72	51.78	-22.22	74	39.71	31.43	10.64	30	100	97	P	H
		5350	43.24	-10.76	54	31.2	31.4	10.64	30	100	97	A	H
		5148.2	54.9	-19.1	74	42.32	32.1	10.49	30.01	293	286	P	V
		5149.76	46.88	-7.12	54	34.3	32.1	10.49	30.01	293	286	A	V
	*	5210	95.49	-	-	83.11	31.82	10.57	30.01	293	286	P	V
	*	5210	88.18	-	-	75.8	31.82	10.57	30.01	293	286	A	V
		5411.56	50.96	-23.04	74	38.52	31.77	10.67	30	293	286	P	V
		5458.32	42.35	-11.65	54	29.59	32.02	10.73	29.99	293	286	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. 2	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	48.83	-19.37	68.2	55.51	39.9	14.41	60.99	100	0	P	H
		15630	46.38	-27.62	74	53.35	37.99	17.32	62.28	100	0	P	H
		18000	62.39	-11.61	74	49.96	50.5	19.83	57.9	100	30	P	H
		18000	52.18	-1.82	54	39.75	50.5	19.83	57.9	100	30	A	H
		10420	48.45	-19.75	68.2	55.13	39.9	14.41	60.99	100	0	P	V
		15630	46.73	-27.27	74	53.7	37.99	17.32	62.28	100	0	P	V
		17989	62.46	-11.54	74	50.41	50.14	19.82	57.91	100	19	P	V
		17989	52.25	-1.75	54	40.2	50.14	19.82	57.91	100	19	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 2	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		5080.24	53.55	-20.45	74	41.26	31.92	10.39	30.02	113	96	P	H
		5149.94	44.07	-9.93	54	31.49	32.1	10.49	30.01	113	96	A	H
	*	5260	109.79	-	-	97.71	31.48	10.6	30	113	96	P	H
	*	5260	102.59	-	-	90.51	31.48	10.6	30	113	96	A	H
		5384.16	52.87	-21.13	74	40.62	31.6	10.65	30	113	96	P	H
		5350.08	43.59	-10.41	54	31.55	31.4	10.64	30	113	96	A	H
		5057.8	52.69	-21.31	74	40.52	31.83	10.36	30.02	400	154	P	V
		5140.76	43.13	-10.87	54	30.58	32.08	10.48	30.01	400	154	A	V
	*	5260	102.91	-	-	90.83	31.48	10.6	30	400	154	P	V
	*	5260	95.58	-	-	83.5	31.48	10.6	30	400	154	A	V
		5400.48	51.84	-22.16	74	39.48	31.7	10.66	30	400	154	P	V
		5457.12	42.28	-11.72	54	29.53	32.01	10.73	29.99	400	154	A	V
802.11a CH 60 5300MHz		5139.4	52.71	-21.29	74	40.16	32.08	10.48	30.01	133	94	P	H
		5148.92	43.9	-10.1	54	31.32	32.1	10.49	30.01	133	94	A	H
	*	5300	109.78	-	-	97.77	31.4	10.61	30	133	94	P	H
	*	5300	102.47	-	-	90.46	31.4	10.61	30	133	94	A	H
		5354.4	53.5	-20.5	74	41.43	31.43	10.64	30	133	94	P	H
		5351.52	44.74	-9.26	54	32.69	31.41	10.64	30	133	94	A	H
		5127.84	52.79	-21.21	74	40.28	32.06	10.46	30.01	394	155	P	V
		5142.46	43.08	-10.92	54	30.53	32.08	10.48	30.01	394	155	A	V
	*	5300	102.07	-	-	90.06	31.4	10.61	30	394	155	P	V
	*	5300	94.76	-	-	82.75	31.4	10.61	30	394	155	A	V
		5450.4	52.28	-21.72	74	39.55	32	10.72	29.99	394	155	P	V
		5460	42.33	-11.67	54	29.57	32.02	10.73	29.99	394	155	A	V



802.11a CH 64 5320MHz	*	5320	109.63	-	-	97.61	31.4	10.62	30	100	96	P	H
	*	5320	101.99	-	-	89.97	31.4	10.62	30	100	96	A	H
		5361.76	53.69	-20.31	74	41.58	31.47	10.64	30	100	96	P	H
		5350.08	45.46	-8.54	54	33.42	31.4	10.64	30	100	96	A	H
	*	5320	103.36	-	-	91.34	31.4	10.62	30	317	285	P	V
	*	5320	95.69	-	-	83.67	31.4	10.62	30	317	285	A	V
		5360.8	51.49	-22.51	74	39.39	31.46	10.64	30	317	285	P	V
		5350.24	42.36	-11.64	54	30.32	31.4	10.64	30	317	285	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	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		10520	47.62	-20.58	68.2	54.44	39.88	14.4	61.1	100	0	P	H
		15780	47.24	-26.76	74	53.74	37.66	17.4	61.56	100	0	P	H
		18000	62.12	-11.88	74	49.69	50.5	19.83	57.9	100	32	P	H
		18000	51.58	-2.42	54	39.15	50.5	19.83	57.9	100	32	A	H
		10520	47.89	-20.31	68.2	54.71	39.88	14.4	61.1	100	0	P	V
		15780	48.61	-25.39	74	55.11	37.66	17.4	61.56	100	0	P	V
		18000	61.5	-12.5	74	49.07	50.5	19.83	57.9	100	22	P	V
		18000	51.37	-2.63	54	38.94	50.5	19.83	57.9	100	22	A	V
802.11a CH 60 5300MHz		10600	49.1	-24.9	74	56	39.8	14.4	61.1	100	0	P	H
		15900	46.37	-27.63	74	52.59	37.3	17.46	60.98	100	0	P	H
		18000	62.05	-11.95	74	49.62	50.5	19.83	57.9	100	29	P	H
		18000	51.88	-2.12	54	39.45	50.5	19.83	57.9	100	29	A	H
		10600	48.15	-25.85	74	55.05	39.8	14.4	61.1	100	0	P	V
		15900	48.5	-25.5	74	54.72	37.3	17.46	60.98	100	0	P	V
		17989	62.12	-11.88	74	50.07	50.14	19.82	57.91	100	20	P	V
		17989	51.15	-2.85	54	39.1	50.14	19.82	57.91	100	20	A	V
802.11a CH 64 5320MHz		10640	48.54	-25.46	74	55.37	39.88	14.39	61.1	100	0	P	H
		15960	47.59	-26.41	74	53.61	37.18	17.49	60.69	100	0	P	H
		18000	62.76	-11.24	74	50.33	50.5	19.83	57.9	100	30	P	H
		18000	51.57	-2.43	54	39.14	50.5	19.83	57.9	100	30	A	H
		10640	48.96	-25.04	74	55.79	39.88	14.39	61.1	100	0	P	V
		15960	48.99	-25.01	74	55.01	37.18	17.49	60.69	100	0	P	V
		18000	61.69	-12.31	74	49.26	50.5	19.83	57.9	100	22	P	V
		18000	51.49	-2.51	54	39.06	50.5	19.83	57.9	100	22	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 HT20 (Band Edge @ 3m)

WIFI Ant. 2	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		5145.18	54.26	-19.74	74	41.69	32.09	10.49	30.01	100	100	P	H
		5148.24	44.26	-9.74	54	31.68	32.1	10.49	30.01	100	100	A	H
	*	5260	109.49	-	-	97.41	31.48	10.6	30	100	100	P	H
	*	5260	101.76	-	-	89.68	31.48	10.6	30	100	100	A	H
		5389.68	52.79	-21.21	74	40.49	31.64	10.66	30	100	100	P	H
		5350.08	43.86	-10.14	54	31.82	31.4	10.64	30	100	100	A	H
		5118.32	52.8	-21.2	74	40.32	32.04	10.45	30.01	400	154	P	V
		5138.72	43.19	-10.81	54	30.64	32.08	10.48	30.01	400	154	A	V
	*	5260	102.48	-	-	90.4	31.48	10.6	30	400	154	P	V
	*	5260	95.26	-	-	83.18	31.48	10.6	30	400	154	A	V
		5409.12	52.39	-21.61	74	39.97	31.75	10.67	30	400	154	P	V
		5459.52	42.3	-11.7	54	29.54	32.02	10.73	29.99	400	154	A	V
802.11n HT20 CH 60 5300MHz		5106.42	52.71	-21.29	74	40.28	32.01	10.43	30.01	131	97	P	H
		5148.58	43.94	-10.06	54	31.36	32.1	10.49	30.01	131	97	A	H
	*	5300	109.2	-	-	97.19	31.4	10.61	30	131	97	P	H
	*	5300	101.92	-	-	89.91	31.4	10.61	30	131	97	A	H
		5412.96	52.68	-21.32	74	40.22	31.78	10.68	30	131	97	P	H
		5350.56	44.66	-9.34	54	32.62	31.4	10.64	30	131	97	A	H
		5058.48	52.36	-21.64	74	40.19	31.83	10.36	30.02	393	153	P	V
		5134.64	43.11	-10.89	54	30.58	32.07	10.47	30.01	393	153	A	V
	*	5300	101.59	-	-	89.58	31.4	10.61	30	393	153	P	V
	*	5300	94.33	-	-	82.32	31.4	10.61	30	393	153	A	V
		5451.36	52.29	-21.71	74	39.56	32	10.72	29.99	393	153	P	V
		5456.16	42.37	-11.63	54	29.62	32.01	10.73	29.99	393	153	A	V



802.11n HT20 CH 64 5320MHz	*	5320	108.55	-	-	96.53	31.4	10.62	30	100	96	P	H
	*	5320	101.27	-	-	89.25	31.4	10.62	30	100	96	A	H
		5380.32	52.11	-21.89	74	39.88	31.58	10.65	30	100	96	P	H
		5350.08	45.51	-8.49	54	33.47	31.4	10.64	30	100	96	A	H
	*	5320	102.18	-	-	90.16	31.4	10.62	30	317	285	P	V
	*	5320	94.93	-	-	82.91	31.4	10.62	30	317	285	A	V
		5352.32	51.54	-22.46	74	39.49	31.41	10.64	30	317	285	P	V
		5350.24	42.41	-11.59	54	30.37	31.4	10.64	30	317	285	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 HT20 (Harmonic @ 3m)

WIFI Ant. 2	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	48.23	-19.97	68.2	55.05	39.88	14.4	61.1	100	0	P	H
		15780	47.63	-26.37	74	54.13	37.66	17.4	61.56	100	0	P	H
		18000	62.32	-11.68	74	49.89	50.5	19.83	57.9	100	30	P	H
		18000	52.09	-1.91	54	39.66	50.5	19.83	57.9	100	30	A	H
		10520	47.67	-20.53	68.2	54.49	39.88	14.4	61.1	100	0	P	V
		15780	46.9	-27.1	74	53.4	37.66	17.4	61.56	100	0	P	V
		18000	62.88	-11.12	74	50.45	50.5	19.83	57.9	100	18	P	V
		18000	52.65	-1.35	54	40.22	50.5	19.83	57.9	100	18	A	V
802.11n HT20 CH 60 5300MHz		10600	47.7	-26.3	74	54.6	39.8	14.4	61.1	100	0	P	H
		15900	46.81	-27.19	74	53.03	37.3	17.46	60.98	100	0	P	H
		18000	61.95	-12.05	74	49.52	50.5	19.83	57.9	100	29	P	H
		18000	51.81	-2.19	54	39.38	50.5	19.83	57.9	100	29	A	H
		10600	48.25	-25.75	74	55.15	39.8	14.4	61.1	100	0	P	V
		15900	48.32	-25.68	74	54.54	37.3	17.46	60.98	100	0	P	V
		17989	61.78	-12.22	74	49.73	50.14	19.82	57.91	100	18	P	V
		17989	51.56	-2.44	54	39.51	50.14	19.82	57.91	100	18	A	V
802.11n HT20 CH 64 5320MHz		10640	48.8	-25.2	74	55.63	39.88	14.39	61.1	100	0	P	H
		15960	46.22	-27.78	74	52.24	37.18	17.49	60.69	100	0	P	H
		18000	61.35	-12.65	74	48.92	50.5	19.83	57.9	100	30	P	H
		18000	51.19	-2.81	54	38.76	50.5	19.83	57.9	100	30	A	H
		10640	49.44	-24.56	74	56.27	39.88	14.39	61.1	100	0	P	V
		15960	46.25	-27.75	74	52.27	37.18	17.49	60.69	100	0	P	V
		17989	62.18	-11.82	74	50.13	50.14	19.82	57.91	100	21	P	V
		17989	51.86	-2.14	54	39.81	50.14	19.82	57.91	100	21	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5010.54	52.77	-21.23	74	40.94	31.56	10.29	30.02	100	97	P	H
		5149.6	43.85	-10.15	54	31.27	32.1	10.49	30.01	100	97	A	H
	*	5270	106.42	-	-	94.36	31.46	10.6	30	100	97	P	H
	*	5270	99	-	-	86.94	31.46	10.6	30	100	97	A	H
		5358	52.8	-21.2	74	40.71	31.45	10.64	30	100	97	P	H
		5350.32	43.92	-10.08	54	31.88	31.4	10.64	30	100	97	A	H
		5107.1	52.89	-21.11	74	40.46	32.01	10.43	30.01	400	154	P	V
		5142.46	43.06	-10.94	54	30.51	32.08	10.48	30.01	400	154	A	V
	*	5270	98.4	-	-	86.34	31.46	10.6	30	400	154	P	V
	*	5270	92.19	-	-	80.13	31.46	10.6	30	400	154	A	V
		5417.04	51.67	-22.33	74	39.18	31.8	10.68	29.99	400	154	P	V
		5460	42.29	-11.71	54	29.53	32.02	10.73	29.99	400	154	A	V
802.11n HT40 CH 62 5310MHz		5140.76	52.84	-21.16	74	40.29	32.08	10.48	30.01	119	96	P	H
		5148.92	44.12	-9.88	54	31.54	32.1	10.49	30.01	119	96	A	H
	*	5310	105.63	-	-	93.61	31.4	10.62	30	119	96	P	H
	*	5310	99.49	-	-	87.47	31.4	10.62	30	119	96	A	H
		5351.28	63.69	-10.31	74	51.64	31.41	10.64	30	119	96	P	H
		5350.08	52.72	-1.28	54	40.68	31.4	10.64	30	119	96	A	H
		5059.5	51.92	-22.08	74	39.74	31.84	10.36	30.02	318	284	P	V
		5149.6	43.07	-10.93	54	30.49	32.1	10.49	30.01	318	284	A	V
	*	5310	99.32	-	-	87.3	31.4	10.62	30	318	284	P	V
	*	5310	92.87	-	-	80.85	31.4	10.62	30	318	284	A	V
		5350.08	55.73	-18.27	74	43.69	31.4	10.64	30	318	284	P	V
		5350.08	46.67	-7.33	54	34.63	31.4	10.64	30	318	284	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. 2	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	46.91	-21.29	68.2	53.75	39.86	14.4	61.1	100	0	P	H
		15810	46.6	-27.4	74	52.94	37.66	17.41	61.41	100	0	P	H
		18000	61.81	-12.19	74	49.38	50.5	19.83	57.9	100	29	P	H
		18000	51.6	-2.4	54	39.17	50.5	19.83	57.9	100	29	A	H
		10540	47.19	-21.01	68.2	54.03	39.86	14.4	61.1	100	0	P	V
		15810	46.55	-27.45	74	52.89	37.66	17.41	61.41	100	0	P	V
		18000	62.11	-11.89	74	49.68	50.5	19.83	57.9	100	20	P	V
		18000	51.89	-2.11	54	39.46	50.5	19.83	57.9	100	20	A	V
802.11n HT40 CH 62 5310MHz		10620	48.22	-25.78	74	55.09	39.84	14.39	61.1	100	0	P	H
		15930	46.58	-27.42	74	52.7	37.24	17.48	60.84	100	0	P	H
		18000	62.57	-11.43	74	50.14	50.5	19.83	57.9	100	19	P	H
		18000	52.17	-1.83	54	39.74	50.5	19.83	57.9	100	19	A	H
		10620	47.95	-26.05	74	54.82	39.84	14.39	61.1	100	0	P	V
		15930	46.5	-27.5	74	52.62	37.24	17.48	60.84	100	0	P	V
		18000	61.86	-12.14	74	49.43	50.5	19.83	57.9	100	31	P	V
		18000	51.65	-2.35	54	39.22	50.5	19.83	57.9	100	31	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5074.8	53.15	-20.85	74	40.89	31.9	10.38	30.02	100	95	P	H
		5149.26	43.74	-10.26	54	31.16	32.1	10.49	30.01	100	95	A	H
	*	5290	101.15	-	-	89.12	31.42	10.61	30	100	95	P	H
	*	5290	94.24	-	-	82.21	31.42	10.61	30	100	95	A	H
		5351.04	61.46	-12.54	74	49.41	31.41	10.64	30	100	95	P	H
		5350.08	52.92	-1.08	54	40.88	31.4	10.64	30	100	95	A	H
		5136.68	52.52	-21.48	74	39.99	32.07	10.47	30.01	324	285	P	V
		5148.92	43.13	-10.87	54	30.55	32.1	10.49	30.01	324	285	A	V
	*	5290	94.73	-	-	82.7	31.42	10.61	30	324	285	P	V
	*	5290	87.35	-	-	75.32	31.42	10.61	30	324	285	A	V
		5360.16	55.7	-18.3	74	43.6	31.46	10.64	30	324	285	P	V
		5350.08	46.78	-7.22	54	34.74	31.4	10.64	30	324	285	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. 2	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	47.82	-20.38	68.2	54.7	39.82	14.4	61.1	100	0	P	H
		15870	48.01	-25.99	74	54.26	37.42	17.45	61.12	100	0	P	H
		18000	62.12	-11.88	74	49.69	50.5	19.83	57.9	100	32	P	H
		18000	51.91	-2.09	54	39.48	50.5	19.83	57.9	100	32	A	H
		10580	47.95	-20.25	68.2	54.83	39.82	14.4	61.1	100	0	P	V
		15870	47.19	-26.81	74	53.44	37.42	17.45	61.12	100	0	P	V
		18000	61.86	-12.14	74	49.43	50.5	19.83	57.9	100	23	P	V
		18000	51.67	-2.33	54	39.24	50.5	19.83	57.9	100	23	A	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5365.04	52.81	-21.19	74	40.68	31.49	10.64	30	100	106	P	H
		5470	55.13	-13.07	68.2	42.34	32.04	10.74	29.99	100	106	P	H
		5460	44.44	-9.56	54	31.68	32.02	10.73	29.99	100	106	A	H
	*	5500	108.58	-	-	95.69	32.1	10.78	29.99	100	106	P	H
	*	5500	101.15	-	-	88.26	32.1	10.78	29.99	100	106	A	H
		5399.6	51.22	-22.78	74	38.86	31.7	10.66	30	334	285	P	V
		5468.24	52.35	-15.85	68.2	39.56	32.04	10.74	29.99	334	285	P	V
		5459.28	42.45	-11.55	54	29.69	32.02	10.73	29.99	334	285	A	V
	*	5500	101.62	-	-	88.73	32.1	10.78	29.99	334	285	P	V
	*	5500	93.78	-	-	80.89	32.1	10.78	29.99	334	285	A	V
802.11a CH 116 5580MHz		5413.6	51.97	-22.03	74	39.51	31.78	10.68	30	108	104	P	H
		5465.68	52.99	-15.21	68.2	40.21	32.03	10.74	29.99	108	104	P	H
		5459.92	43.4	-10.6	54	30.64	32.02	10.73	29.99	108	104	A	H
	*	5580	108.3	-	-	95.54	31.94	10.87	30.05	108	104	P	H
	*	5580	101.1	-	-	88.34	31.94	10.87	30.05	108	104	A	H
		5747.675	52.19	-16.01	68.2	39.11	32.39	10.86	30.17	108	104	P	H
		5431.84	51.3	-22.7	74	38.7	31.89	10.7	29.99	100	243	P	V
		5462.8	50.71	-17.49	68.2	37.93	32.03	10.74	29.99	100	243	P	V
		5459.44	42.36	-11.64	54	29.6	32.02	10.73	29.99	100	243	A	V
	*	5580	102.5	-	-	89.74	31.94	10.87	30.05	100	243	P	V
	*	5580	94.79	-	-	82.03	31.94	10.87	30.05	100	243	A	V
		5737.28	52.36	-15.84	68.2	39.3	32.35	10.87	30.16	100	243	P	V



802.11a CH 140 5700MHz	*	5700	107.01	-	-	94.07	32.2	10.87	30.13	100	110	P	H
	*	5700	99.64	-	-	86.7	32.2	10.87	30.13	100	110	A	H
		5726.68	53.46	-14.74	68.2	40.43	32.31	10.87	30.15	100	110	P	H
	*	5700	104.63	-	-	91.69	32.2	10.87	30.13	329	298	P	V
	*	5700	97.3	-	-	84.36	32.2	10.87	30.13	329	298	A	V
		5746.84	52.56	-15.64	68.2	39.48	32.39	10.86	30.17	329	298	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 2	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	49.92	-24.08	74	56.05	40.6	14.37	61.1	100	0	P	H
		16500	49.04	-19.16	68.2	51.03	39.3	18.11	59.4	100	0	P	H
		18000	62.65	-11.35	74	50.22	50.5	19.83	57.9	100	29	P	H
		18000	51.57	-2.43	54	39.14	50.5	19.83	57.9	100	29	A	H
		11000	49.63	-24.37	74	55.76	40.6	14.37	61.1	100	0	P	V
		16500	50.15	-18.05	68.2	52.14	39.3	18.11	59.4	100	0	P	V
		17989	62.2	-11.8	74	50.15	50.14	19.82	57.91	100	21	P	V
		17989	51.22	-2.78	54	39.17	50.14	19.82	57.91	100	21	A	V
802.11a CH 116 5580MHz		11160	48.13	-25.87	74	54.55	40.08	14.54	61.04	100	0	P	H
		16740	49.39	-18.81	68.2	50.37	39.88	18.4	59.26	100	0	P	H
		18000	62.76	-11.24	74	50.33	50.5	19.83	57.9	100	28	P	H
		18000	51.79	-2.21	54	39.36	50.5	19.83	57.9	100	28	A	H
		11160	48.51	-25.49	74	54.93	40.08	14.54	61.04	100	0	P	V
		16740	50.86	-17.34	68.2	51.84	39.88	18.4	59.26	100	0	P	V
		17989	61.9	-12.1	74	49.85	50.14	19.82	57.91	100	19	P	V
		17989	51.48	-2.52	54	39.43	50.14	19.82	57.91	100	19	A	V
802.11a CH 140 5700MHz		11400	47.73	-26.27	74	53.68	40.2	14.79	60.94	100	0	P	H
		17100	50.31	-17.89	68.2	50.57	39.9	18.82	58.98	100	0	P	H
		18000	61.18	-12.82	74	48.75	50.5	19.83	57.9	100	36	P	H
		18000	51.27	-2.73	54	38.84	50.5	19.83	57.9	100	36	A	H
		11400	48.52	-25.48	74	54.47	40.2	14.79	60.94	100	0	P	V
		17100	50.12	-18.08	68.2	50.38	39.9	18.82	58.98	100	0	P	V
		18000	61.93	-12.07	74	49.5	50.5	19.83	57.9	100	231	P	V
		18000	51.62	-2.38	54	39.19	50.5	19.83	57.9	100	231	A	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5454.64	53.25	-20.75	74	40.5	32.01	10.73	29.99	100	107	P	H
		5468.72	58.88	-9.32	68.2	46.09	32.04	10.74	29.99	100	107	P	H
		5460	44.44	-9.56	54	31.68	32.02	10.73	29.99	100	107	A	H
	*	5500	108.01	-	-	95.12	32.1	10.78	29.99	100	107	P	H
	*	5500	100.35	-	-	87.46	32.1	10.78	29.99	100	107	A	H
		5452.72	51.89	-22.11	74	39.15	32.01	10.72	29.99	317	285	P	V
		5469.36	50.66	-17.54	68.2	37.87	32.04	10.74	29.99	317	285	P	V
		5459.76	42.55	-11.45	54	29.79	32.02	10.73	29.99	317	285	A	V
	*	5500	101	-	-	88.11	32.1	10.78	29.99	317	285	P	V
	*	5500	93.17	-	-	80.28	32.1	10.78	29.99	317	285	A	V
802.11n HT20 CH 116 5580MHz		5378.8	51.25	-22.75	74	39.03	31.57	10.65	30	100	105	P	H
		5466.4	50.13	-18.07	68.2	37.35	32.03	10.74	29.99	100	105	P	H
		5458.72	43.45	-10.55	54	30.69	32.02	10.73	29.99	100	105	A	H
	*	5580	107.92	-	-	95.16	31.94	10.87	30.05	100	105	P	H
	*	5580	98.15	-	-	85.39	31.94	10.87	30.05	100	105	A	H
		5742.32	51.17	-17.03	68.2	38.1	32.37	10.86	30.16	100	105	P	H
		5416.48	50.61	-23.39	74	38.13	31.8	10.68	30	100	244	P	V
		5466.88	50.78	-17.42	68.2	38	32.03	10.74	29.99	100	244	P	V
		5459.68	42.41	-11.59	54	29.65	32.02	10.73	29.99	100	244	A	V
	*	5580	101.57	-	-	88.81	31.94	10.87	30.05	100	244	P	V
	*	5580	91.63	-	-	78.87	31.94	10.87	30.05	100	244	A	V
		5752.085	52.2	-16	68.2	39.11	32.4	10.86	30.17	100	244	P	V



802.11n HT20 CH 140 5700MHz	*	5700	106.67	-	-	93.73	32.2	10.87	30.13	100	105	P	H
	*	5700	99.43	-	-	86.49	32.2	10.87	30.13	100	105	A	H
		5725.88	54.41	-13.79	68.2	41.39	32.3	10.87	30.15	100	105	P	H
	*	5700	104.54	-	-	91.6	32.2	10.87	30.13	347	299	P	V
	*	5700	97.18	-	-	84.24	32.2	10.87	30.13	347	299	A	V
		5725.64	53	-15.2	68.2	39.98	32.3	10.87	30.15	347	299	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 HT20 (Harmonic @ 3m)

WIFI Ant. 2	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		11000	49.35	-24.65	74	55.48	40.6	14.37	61.1	100	0	P	H
		16500	49.16	-19.04	68.2	51.15	39.3	18.11	59.4	100	0	P	H
		18000	61.77	-12.23	74	49.34	50.5	19.83	57.9	100	36	P	H
		18000	51.46	-2.54	54	39.03	50.5	19.83	57.9	100	36	A	H
		11000	49.16	-24.84	74	55.29	40.6	14.37	61.1	100	0	P	V
		16500	49.72	-18.48	68.2	51.71	39.3	18.11	59.4	100	0	P	V
		18000	61.13	-12.87	74	48.7	50.5	19.83	57.9	100	235	P	V
		18000	50.64	-3.36	54	38.21	50.5	19.83	57.9	100	235	A	V
802.11n HT20 CH 116 5580MHz		11160	49.54	-24.46	74	55.96	40.08	14.54	61.04	100	0	P	H
		16740	51.39	-16.81	68.2	52.37	39.88	18.4	59.26	100	0	P	H
		17993.7	61.97	-12.03	74	49.77	50.29	19.82	57.91	100	33	P	H
		17993.7	51.75	-2.25	54	39.55	50.29	19.82	57.91	100	33	A	H
		11160	48.86	-25.14	74	55.28	40.08	14.54	61.04	100	0	P	V
		16740	50.15	-18.05	68.2	51.13	39.88	18.4	59.26	100	0	P	V
		17993.7	62.36	-11.64	74	50.16	50.29	19.82	57.91	100	18	P	V
		17993.7	52.23	-1.77	54	40.03	50.29	19.82	57.91	100	18	A	V
802.11n HT20 CH 140 5700MHz		11400	49.02	-24.98	74	54.97	40.2	14.79	60.94	100	0	P	H
		17100	50.41	-17.79	68.2	50.67	39.9	18.82	58.98	100	0	P	H
		17993.7	62.34	-11.66	74	50.14	50.29	19.82	57.91	100	30	P	H
		17993.7	52.07	-1.93	54	39.87	50.29	19.82	57.91	100	30	A	H
		11400	48.96	-25.04	74	54.91	40.2	14.79	60.94	100	0	P	V
		17100	51.69	-16.51	68.2	51.95	39.9	18.82	58.98	100	0	P	V
		18000	62.31	-11.69	74	49.88	50.5	19.83	57.9	100	19	P	V
		18000	52.09	-1.91	54	39.66	50.5	19.83	57.9	100	19	A	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5456.8	56.16	-17.84	74	43.41	32.01	10.73	29.99	100	106	P	H
		5469.04	60.39	-7.81	68.2	47.6	32.04	10.74	29.99	100	106	P	H
		5459.92	49.32	-4.68	54	36.56	32.02	10.73	29.99	100	106	A	H
	*	5510	105.24	-	-	92.37	32.08	10.79	30	100	106	P	H
	*	5510	97.84	-	-	84.97	32.08	10.79	30	100	106	A	H
		5754.605	52.04	-16.16	68.2	38.95	32.4	10.86	30.17	100	106	P	H
		5422.96	51.56	-22.44	74	39.02	31.84	10.69	29.99	313	305	P	V
		5467.12	53.33	-14.87	68.2	40.55	32.03	10.74	29.99	313	305	P	V
		5459.92	43.3	-10.7	54	30.54	32.02	10.73	29.99	313	305	A	V
	*	5510	98.48	-	-	85.61	32.08	10.79	30	313	305	P	V
	*	5510	91.05	-	-	78.18	32.08	10.79	30	313	305	A	V
		5759.015	52.73	-15.47	68.2	39.65	32.4	10.86	30.18	313	305	P	V
802.11n HT40 CH 110 5550MHz		5411.2	52.77	-21.23	74	40.33	31.77	10.67	30	100	105	P	H
		5465.44	52.09	-16.11	68.2	39.31	32.03	10.74	29.99	100	105	P	H
		5459.92	44.03	-9.97	54	31.27	32.02	10.73	29.99	100	105	A	H
	*	5550	104.22	-	-	91.41	32	10.84	30.03	100	105	P	H
	*	5550	97.4	-	-	84.59	32	10.84	30.03	100	105	A	H
		5764.685	51.89	-16.31	68.2	38.81	32.4	10.86	30.18	100	105	P	H
		5355.28	51.41	-22.59	74	39.34	31.43	10.64	30	399	180	P	V
		5459.92	50.79	-23.21	74	38.03	32.02	10.73	29.99	399	180	P	V
		5459.92	42.55	-11.45	54	29.79	32.02	10.73	29.99	399	180	A	V
	*	5550	97.93	-	-	85.12	32	10.84	30.03	399	180	P	V
	*	5550	90.98	-	-	78.17	32	10.84	30.03	399	180	A	V
		5758.07	52.39	-15.81	68.2	39.31	32.4	10.86	30.18	399	180	P	V



802.11n HT40 CH 134 5670MHz		5369.6	51.08	-22.92	74	38.91	31.52	10.65	30	100	107	P	H
		5460.95	49.94	-18.26	68.2	37.18	32.02	10.73	29.99	100	107	P	H
		5459.9	41.11	-12.89	54	28.35	32.02	10.73	29.99	100	107	A	H
	*	5670	100.77	-	-	87.98	32.02	10.88	30.11	100	107	P	H
	*	5670	93.58	-	-	80.79	32.02	10.88	30.11	100	107	A	H
		5737	52.27	-15.93	68.2	39.21	32.35	10.87	30.16	100	107	P	H
		5399	50.9	-23.1	74	38.55	31.69	10.66	30	300	301	P	V
		5466.2	50.65	-17.55	68.2	37.87	32.03	10.74	29.99	300	301	P	V
		5459.55	40.77	-13.23	54	28.01	32.02	10.73	29.99	300	301	A	V
	*	5670	96.75	-	-	83.96	32.02	10.88	30.11	300	301	P	V
	*	5670	90.16	-	-	77.37	32.02	10.88	30.11	300	301	A	V
		5730.7	51.49	-16.71	68.2	38.46	32.32	10.87	30.16	300	301	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. 2	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		11020	49.77	-24.23	74	55.95	40.52	14.39	61.09	100	0	P	H
		16530	49.7	-18.5	68.2	51.58	39.36	18.14	59.38	100	0	P	H
		18000	62.66	-11.34	74	50.23	50.5	19.83	57.9	100	33	P	H
		18000	52.48	-1.52	54	40.05	50.5	19.83	57.9	100	33	A	H
		11020	49.96	-24.04	74	56.14	40.52	14.39	61.09	100	0	P	V
		16530	48.38	-19.82	68.2	50.26	39.36	18.14	59.38	100	0	P	V
		18000	62.16	-11.84	74	49.73	50.5	19.83	57.9	100	18	P	V
		18000	51.95	-2.05	54	39.52	50.5	19.83	57.9	100	18	A	V
802.11n HT40 CH 110 5550MHz		11100	48.67	-25.33	74	55.06	40.2	14.47	61.06	100	0	P	H
		16650	49.06	-19.14	68.2	50.53	39.55	18.29	59.31	100	0	P	H
		17989	62.1	-11.9	74	50.05	50.14	19.82	57.91	100	29	P	H
		17989	51.84	-2.16	54	39.79	50.14	19.82	57.91	100	29	A	H
		11100	48.04	-25.96	74	54.43	40.2	14.47	61.06	100	0	P	V
		16650	49.52	-18.68	68.2	50.99	39.55	18.29	59.31	100	0	P	V
		18000	62.69	-11.31	74	50.26	50.5	19.83	57.9	100	22	P	V
		18000	52.54	-1.46	54	40.11	50.5	19.83	57.9	100	22	A	V
802.11n HT40 CH 134 5670MHz		11340	48.5	-25.5	74	54.65	40.08	14.73	60.96	100	0	P	H
		17010	49.27	-18.93	68.2	49.64	39.99	18.73	59.09	100	0	P	H
		18000	62.34	-11.66	74	49.91	50.5	19.83	57.9	100	32	P	H
		18000	52.11	-1.89	54	39.68	50.5	19.83	57.9	100	32	A	H
		11340	47.87	-26.13	74	54.02	40.08	14.73	60.96	100	0	P	V
		17010	50.52	-17.68	68.2	50.89	39.99	18.73	59.09	100	0	P	V
		17989	62.37	-11.63	74	50.32	50.14	19.82	57.91	100	19	P	V
		17989	52.15	-1.85	54	40.1	50.14	19.82	57.91	100	19	A	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5451.28	61.05	-12.95	74	48.32	32	10.72	29.99	100	105	P	H
		5467.36	61.68	-6.52	68.2	48.9	32.03	10.74	29.99	100	105	P	H
		5458.24	52.3	-1.7	54	39.54	32.02	10.73	29.99	100	105	A	H
	*	5530	99.5	-	-	86.66	32.04	10.81	30.01	100	105	P	H
	*	5530	91.85	-	-	79.01	32.04	10.81	30.01	100	105	A	H
		5729.09	52.68	-15.52	68.2	39.64	32.32	10.87	30.15	100	105	P	H
		5455.6	53.22	-20.78	74	40.47	32.01	10.73	29.99	399	182	P	V
		5468.08	54.8	-13.4	68.2	42.01	32.04	10.74	29.99	399	182	P	V
		5458	45.69	-8.31	54	32.93	32.02	10.73	29.99	399	182	A	V
	*	5530	93.01	-	-	80.17	32.04	10.81	30.01	399	182	P	V
	*	5530	85.9	-	-	73.06	32.04	10.81	30.01	399	182	A	V
		5727.83	51.86	-16.34	68.2	38.83	32.31	10.87	30.15	399	182	P	V
802.11ac VHT80 CH 122 5610MHz		5426.08	50.83	-23.17	74	38.27	31.86	10.69	29.99	100	104	P	H
		5468.56	51.79	-16.41	68.2	39	32.04	10.74	29.99	100	104	P	H
		5459.68	42.83	-11.17	54	30.07	32.02	10.73	29.99	100	104	A	H
	*	5610	99.53	-	-	86.81	31.9	10.89	30.07	100	104	P	H
	*	5610	92.93	-	-	80.21	31.9	10.89	30.07	100	104	A	H
		5745.155	52.33	-15.87	68.2	39.26	32.38	10.86	30.17	100	104	P	H
		5433.52	51.12	-22.88	74	38.51	31.9	10.7	29.99	303	304	P	V
		5466.64	50.74	-17.46	68.2	37.96	32.03	10.74	29.99	303	304	P	V
		5458.48	42.1	-11.9	54	29.34	32.02	10.73	29.99	303	304	A	V
	*	5610	95.3	-	-	82.58	31.9	10.89	30.07	303	304	P	V
	*	5610	88.13	-	-	75.41	31.9	10.89	30.07	303	304	A	V
		5755.235	51.85	-16.35	68.2	38.76	32.4	10.86	30.17	303	304	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. 2	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		11060	48.48	-25.52	74	54.77	40.36	14.43	61.08	100	0	P	H
		16590	48.72	-19.48	68.2	50.37	39.48	18.22	59.35	100	0	P	H
		17989	61.15	-12.85	74	49.1	50.14	19.82	57.91	100	32	P	H
		17989	51.23	-2.77	54	39.18	50.14	19.82	57.91	100	32	A	H
		11060	48.8	-25.2	74	55.09	40.36	14.43	61.08	100	0	P	V
		16590	48.86	-19.34	68.2	50.51	39.48	18.22	59.35	100	0	P	V
		18000	61.36	-12.64	74	48.93	50.5	19.83	57.9	100	236	P	V
		18000	51.27	-2.73	54	38.84	50.5	19.83	57.9	100	236	A	V
802.11ac VHT80 CH 122 5610MHz		11220	48.42	-25.58	74	54.83	40	14.6	61.01	100	0	P	H
		16830	50.32	-17.88	68.2	50.75	40.27	18.5	59.2	100	0	P	H
		17989	60.42	-13.58	74	48.37	50.14	19.82	57.91	100	37	P	H
		17989	50.51	-3.49	54	38.46	50.14	19.82	57.91	100	37	A	H
		11220	47.91	-26.09	74	54.32	40	14.6	61.01	100	0	P	V
		16830	49.55	-18.65	68.2	49.98	40.27	18.5	59.2	100	0	P	V
		17989	60.38	-13.62	74	48.33	50.14	19.82	57.91	100	247	P	V
		17989	50.47	-3.53	54	38.42	50.14	19.82	57.91	100	247	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 2	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 144 5720MHz		5406.55	51.83	-22.17	74	39.42	31.74	10.67	30	100	107	P	H
		5463.88	51.83	-16.37	68.2	39.05	32.03	10.74	29.99	100	107	P	H
		5459.59	42.48	-11.52	54	29.72	32.02	10.73	29.99	100	107	A	H
	*	5720	107.22	-	-	94.22	32.28	10.87	30.15	100	107	P	H
	*	5720	99.46	-	-	86.46	32.28	10.87	30.15	100	107	A	H
		5910	53.59	-14.61	68.2	40.21	32.54	11.13	30.29	100	107	P	H
		5447.11	52.08	-21.92	74	39.37	31.98	10.72	29.99	100	242	P	V
		5467.78	51.82	-16.38	68.2	39.03	32.04	10.74	29.99	100	242	P	V
		5459.98	42.21	-11.79	54	29.45	32.02	10.73	29.99	100	242	A	V
	*	5720	102.08	-	-	89.08	32.28	10.87	30.15	100	242	P	V
	*	5720	94.19	-	-	81.19	32.28	10.87	30.15	100	242	A	V
		5945.5	53.38	-14.82	68.2	39.79	32.68	11.22	30.31	100	242	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 2	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 144 5720MHz		11440	48.02	-25.98	74	53.86	40.24	14.84	60.92	100	0	P	H
		17160	50.08	-18.12	68.2	50.08	40.02	18.89	58.91	100	0	P	H
		18000	61.21	-12.79	74	48.78	50.5	19.83	57.9	100	35	P	H
		18000	50.62	-3.38	54	38.19	50.5	19.83	57.9	100	35	A	H
		11440	47.59	-26.41	74	53.43	40.24	14.84	60.92	100	0	P	V
		17160	50.98	-17.22	68.2	50.98	40.02	18.89	58.91	100	0	P	V
		17989	61.77	-12.23	74	49.72	50.14	19.82	57.91	100	252	P	V
		17989	51.08	-2.92	54	39.03	50.14	19.82	57.91	100	252	A	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5419.42	52.29	-21.71	74	39.78	31.82	10.68	29.99	100	106	P	H
		5465.05	50.84	-17.36	68.2	38.06	32.03	10.74	29.99	100	106	P	H
		5459.2	42.47	-11.53	54	29.71	32.02	10.73	29.99	100	106	A	H
	*	5720	106.55	-	-	93.55	32.28	10.87	30.15	100	106	P	H
	*	5720	96.51	-	-	83.51	32.28	10.87	30.15	100	106	A	H
		5941.5	53.76	-14.44	68.2	40.19	32.67	11.21	30.31	100	106	P	H
		5381.98	51.9	-22.1	74	39.66	31.59	10.65	30	400	297	P	V
		5459.98	50.87	-23.13	74	38.11	32.02	10.73	29.99	400	297	P	V
		5459.2	42.24	-11.76	54	29.48	32.02	10.73	29.99	400	297	A	V
	*	5720	101.88	-	-	88.88	32.28	10.87	30.15	400	297	P	V
	*	5720	91.71	-	-	78.71	32.28	10.87	30.15	400	297	A	V
		5886.5	52.84	-15.36	68.2	39.57	32.47	11.07	30.27	400	297	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. 2	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		11440	48.31	-25.69	74	54.15	40.24	14.84	60.92	100	0	P	H
		17160	49.53	-18.67	68.2	49.53	40.02	18.89	58.91	100	0	P	H
		18000	62.05	-11.95	74	49.62	50.5	19.83	57.9	100	33	P	H
		18000	51.87	-2.13	54	39.44	50.5	19.83	57.9	100	33	A	H
		11440	49.59	-24.41	74	55.43	40.24	14.84	60.92	100	0	P	V
		17160	50.27	-17.93	68.2	50.27	40.02	18.89	58.91	100	0	P	V
		18000	62.44	-11.56	74	50.01	50.5	19.83	57.9	100	19	P	V
		18000	52.29	-1.71	54	39.86	50.5	19.83	57.9	100	19	A	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 HT40 (Band Edge @ 3m)

WIFI Ant. 2	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 142 5710MHz		5442.43	53.16	-20.84	74	40.49	31.95	10.71	29.99	100	105	P	H
		5469.73	53.1	-15.1	68.2	40.31	32.04	10.74	29.99	100	105	P	H
		5458.81	42.53	-11.47	54	29.77	32.02	10.73	29.99	100	105	A	H
	*	5710	104.49	-	-	91.52	32.24	10.87	30.14	100	105	P	H
	*	5710	96.18	-	-	83.21	32.24	10.87	30.14	100	105	A	H
		5947.75	53.42	-14.78	68.2	39.82	32.69	11.22	30.31	100	105	P	H
		5442.82	51.79	-22.21	74	39.11	31.96	10.71	29.99	400	185	P	V
		5469.34	51.05	-17.15	68.2	38.26	32.04	10.74	29.99	400	185	P	V
		5458.81	42.22	-11.78	54	29.46	32.02	10.73	29.99	400	185	A	V
	*	5710	98.37	-	-	85.4	32.24	10.87	30.14	400	185	P	V
	*	5710	91.09	-	-	78.12	32.24	10.87	30.14	400	185	A	V
		5946.75	53.04	-15.16	68.2	39.44	32.69	11.22	30.31	400	185	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 HT40 (Harmonic @ 3m)

WIFI Ant. 2	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 142 5710MHz		11420	48.63	-25.37	74	54.52	40.22	14.82	60.93	100	0	P	H
		17130	49.99	-18.21	68.2	50.12	39.96	18.85	58.94	100	0	P	H
		18000	62.6	-11.4	74	50.17	50.5	19.83	57.9	100	28	P	H
		18000	52.45	-1.55	54	40.02	50.5	19.83	57.9	100	28	A	H
		11420	48.18	-25.82	74	54.07	40.22	14.82	60.93	100	0	P	V
		17130	49.73	-18.47	68.2	49.86	39.96	18.85	58.94	100	0	P	V
		18000	62.36	-11.64	74	49.93	50.5	19.83	57.9	100	18	P	V
		18000	52.2	-1.8	54	39.77	50.5	19.83	57.9	100	18	A	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5389.78	52.81	-21.19	74	40.51	31.64	10.66	30	100	105	P	H
		5469.34	51.65	-16.55	68.2	38.86	32.04	10.74	29.99	100	105	P	H
		5459.98	42.46	-11.54	54	29.7	32.02	10.73	29.99	100	105	A	H
	*	5690	99.39	-	-	86.5	32.14	10.88	30.13	100	105	P	H
	*	5690	91.36	-	-	78.47	32.14	10.88	30.13	100	105	A	H
		5930	53.3	-14.9	68.2	39.8	32.62	11.18	30.3	100	105	P	H
		5413.18	51.18	-22.82	74	38.72	31.78	10.68	30	400	185	P	V
		5467	50.33	-17.87	68.2	37.55	32.03	10.74	29.99	400	185	P	V
		5456.86	42.19	-11.81	54	29.44	32.01	10.73	29.99	400	185	A	V
	*	5690	94.32	-	-	81.43	32.14	10.88	30.13	400	185	P	V
	*	5690	86.51	-	-	73.62	32.14	10.88	30.13	400	185	A	V
		5867	53.5	-14.7	68.2	40.3	32.43	11.02	30.25	400	185	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. 2	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		11380	47.53	-26.47	74	53.55	40.16	14.77	60.95	100	0	P	H
		17070	50.06	-18.14	68.2	50.36	39.93	18.79	59.02	100	0	P	H
		17978	60.56	-13.44	74	48.92	49.77	19.8	57.93	100	34	P	H
		17978	49.85	-4.15	54	38.21	49.77	19.8	57.93	100	34	A	H
		11380	48.05	-25.95	74	54.07	40.16	14.77	60.95	100	0	P	V
		17070	49.99	-18.21	68.2	50.29	39.93	18.79	59.02	100	0	P	V
		18000	60.63	-13.37	74	48.2	50.5	19.83	57.9	100	245	P	V
		18000	50.7	-3.3	54	38.27	50.5	19.83	57.9	100	245	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission above 18GHz
5GHz WIFI 802.11ac VHT80 (SHF)

WIFI Ant. 2	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)
5GHz		24666	38.2	-30	68.2	38.47	40	13.23	53.5	150	0	P	H
802.11ac		36216	44.55	-23.65	68.2	39.79	42.69	18.67	56.6	150	0	P	H
VHT80		22928	39.34	-34.66	74	41.97	38.53	12.43	53.59	150	0	P	V
SHF		37514	45.63	-22.57	68.2	40.77	42.71	18.73	56.58	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI Ant. 2	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)
5GHz 802.11ac VHT80 LF		83.35	29.14	-10.86	40	46.38	13.97	1.24	32.45	-	-	P	H
		109.54	31.64	-11.86	43.5	45.64	16.93	1.42	32.35	-	-	P	H
		149.31	31.31	-12.19	43.5	44.78	17.32	1.68	32.47	-	-	P	H
		197.81	28.15	-15.35	43.5	43.4	15.13	2	32.38	-	-	P	H
		496.57	38.24	-7.76	46	43.77	23.8	3.11	32.44	100	0	P	H
		945.68	33.48	-12.52	46	30.41	29.84	4.46	31.23	-	-	P	H
		84.32	25.02	-14.98	40	42.11	14.09	1.25	32.43	-	-	P	V
		120.21	27.33	-16.17	43.5	40.6	17.65	1.51	32.43	-	-	P	V
		248.25	26.74	-19.26	46	38.93	17.96	2.26	32.41	-	-	P	V
		496.57	33.41	-12.59	46	38.94	23.8	3.11	32.44	-	-	P	V
		746.83	32.72	-13.28	46	33.7	27.66	3.82	32.46	-	-	P	V
		848.68	38.06	-7.94	46	37.13	28.61	4.12	31.8	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



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	H orizontal or V ertical



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.	
2		(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

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

For Peak Limit @ 2390MHz:

1. 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)
2. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

1. 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)
2. 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

Test Engineer :	Leo Lee, Mancy Chou, and Bigshow Wang	Temperature :	22.1~25.6°C
		Relative Humidity :	47~65%

Note symbol

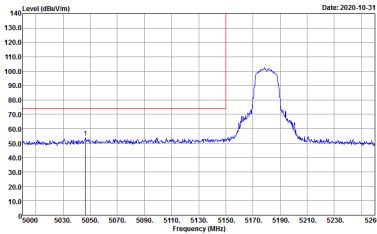
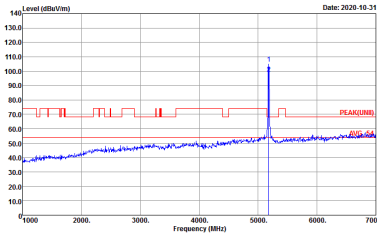
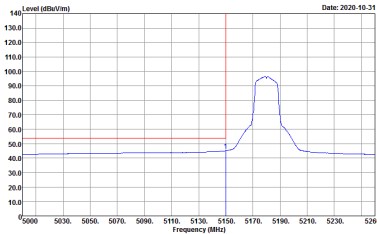
-L	Low channel location
-R	High channel location



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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AV6_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

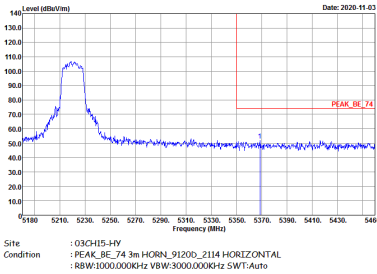
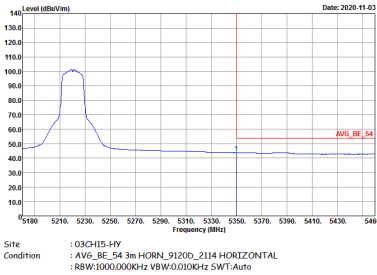


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

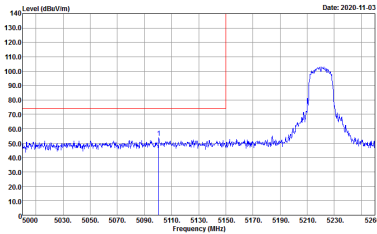
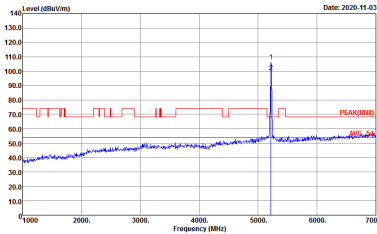
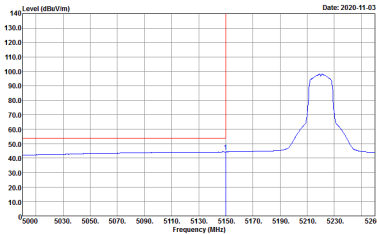


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

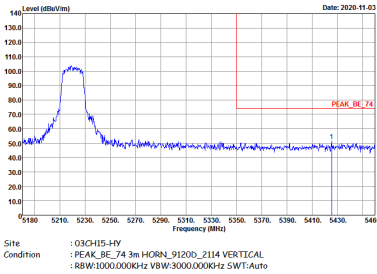
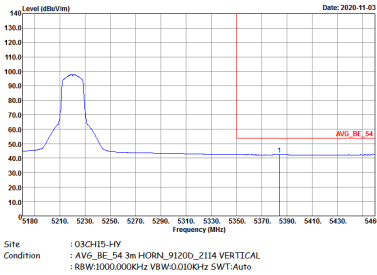


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

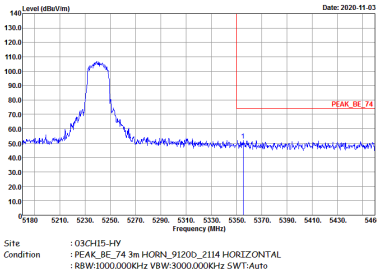
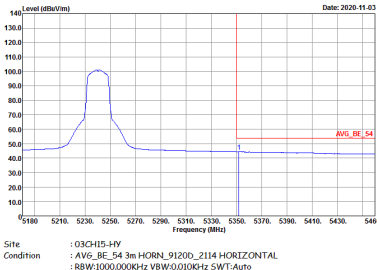


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

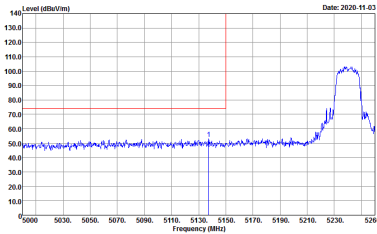
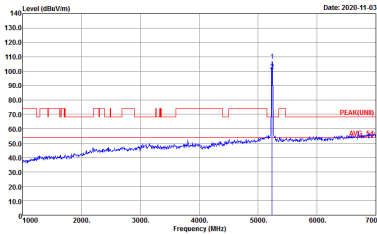
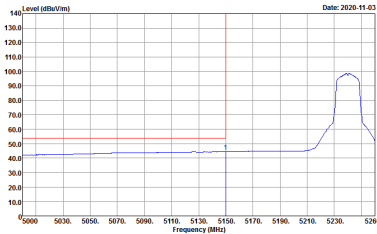


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AV6_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

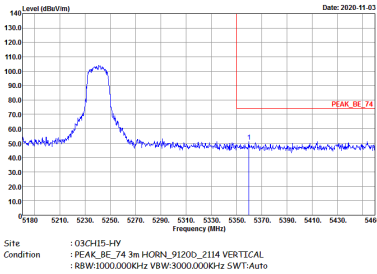
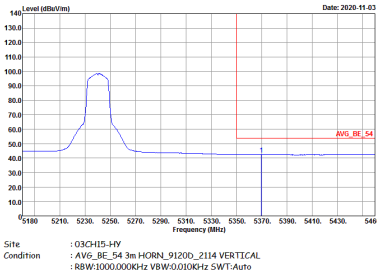


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



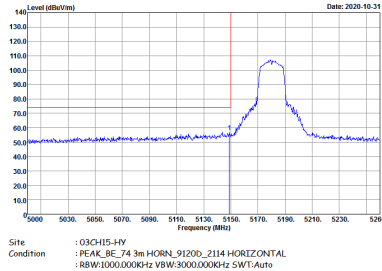
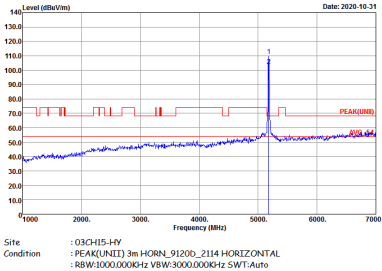
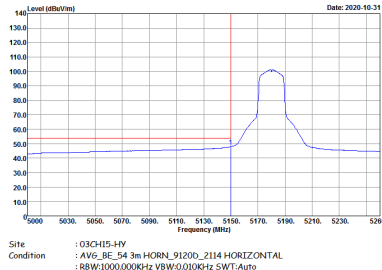
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



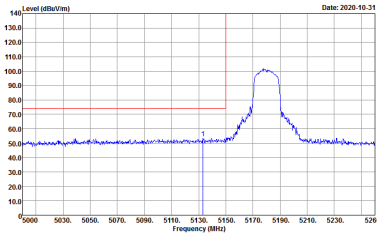
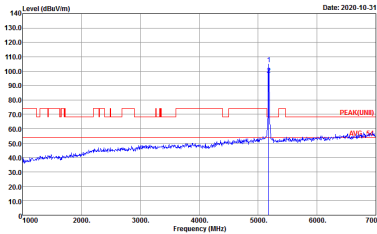
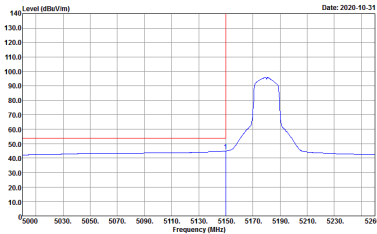
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



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	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

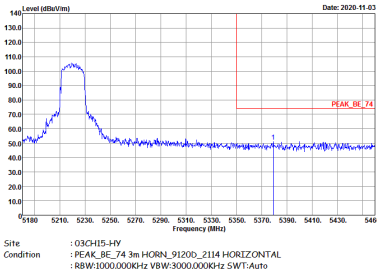
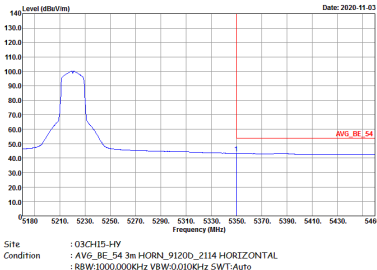


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.100KHz SWT:Auto	Left blank

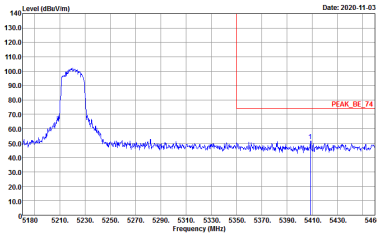
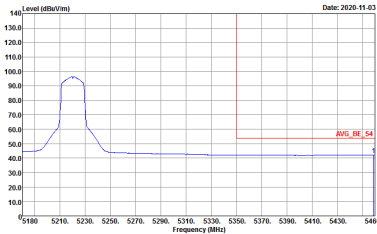


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

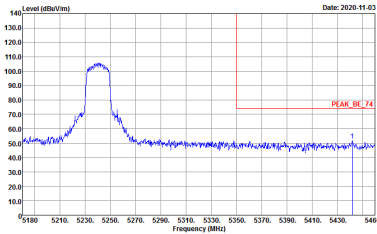
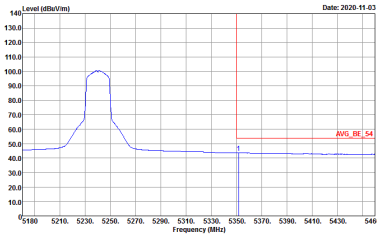


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

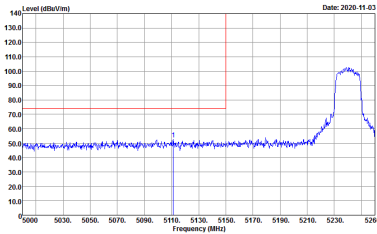
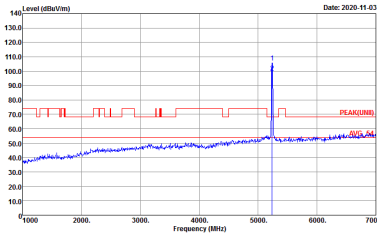
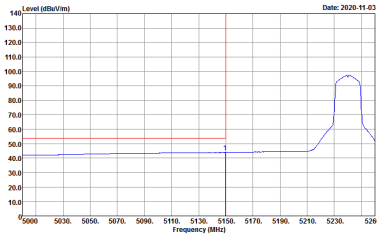


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

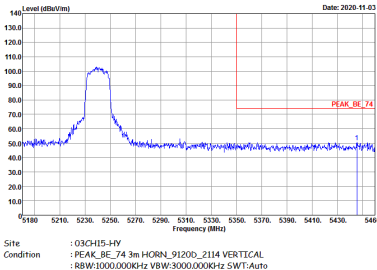
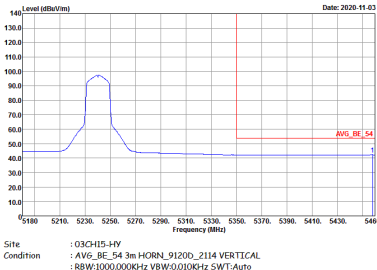


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



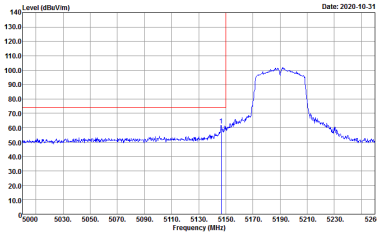
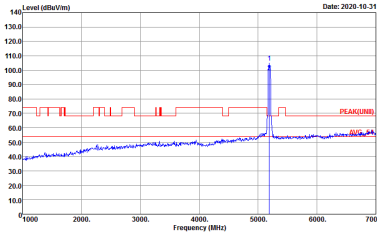
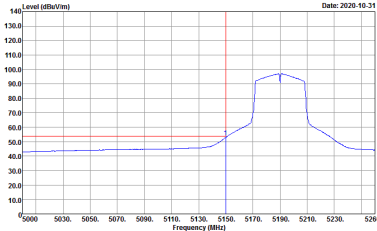
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



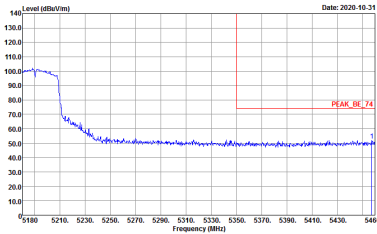
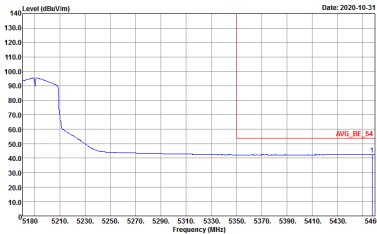
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



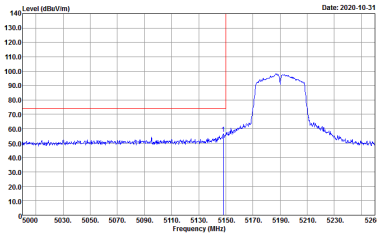
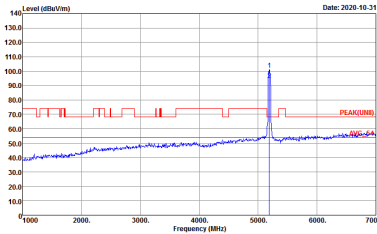
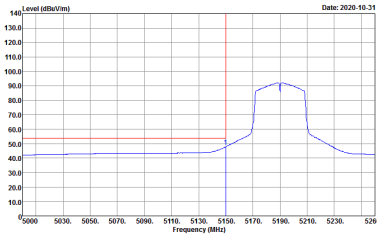
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

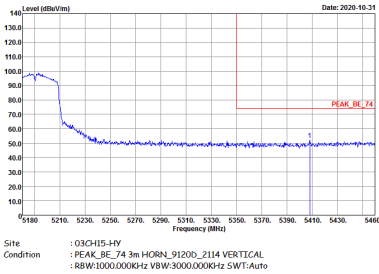
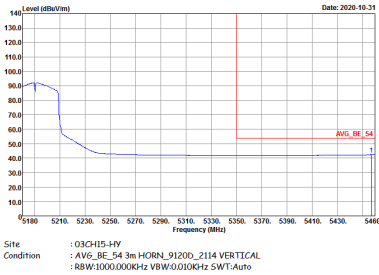


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

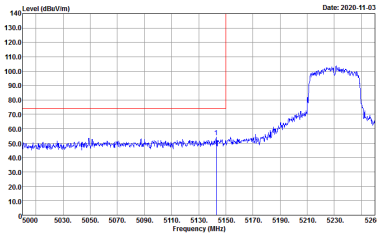
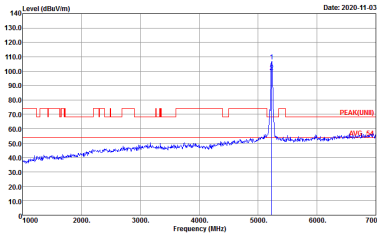
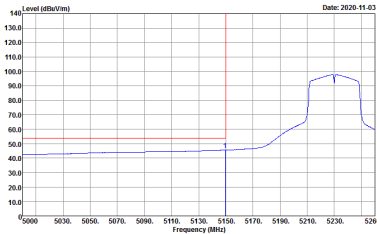


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

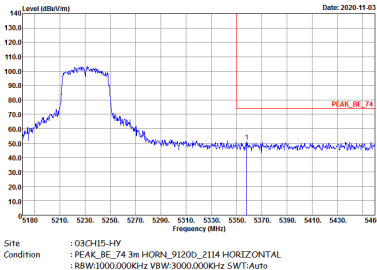
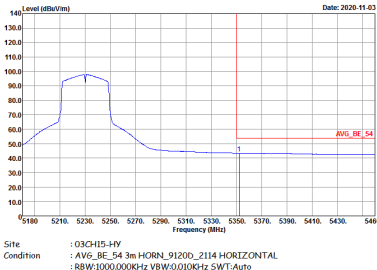


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2020-11-03	 Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2020-11-03
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Date: 2020-11-03	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



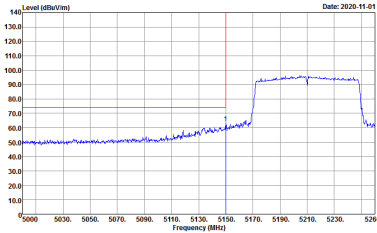
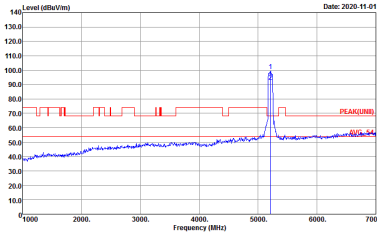
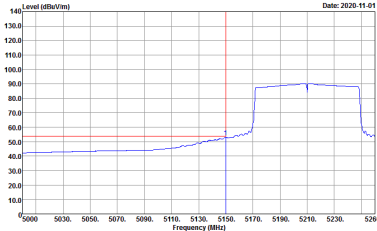
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AV6_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



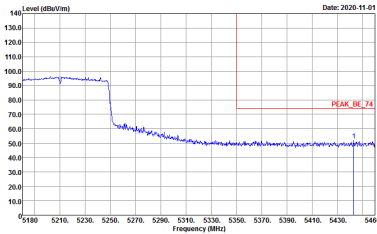
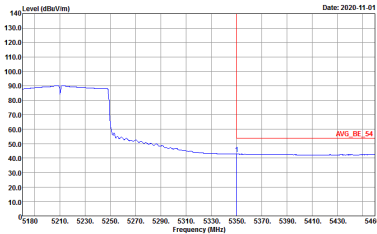
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



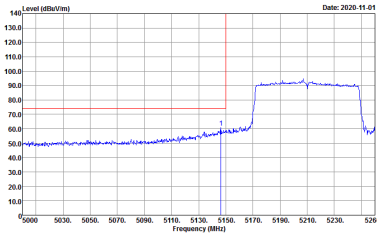
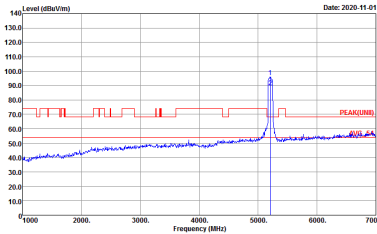
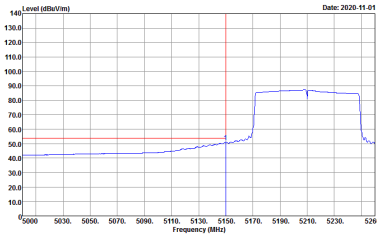
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

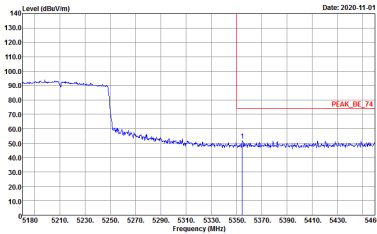
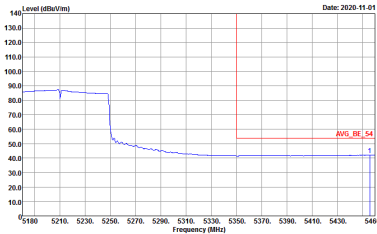


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

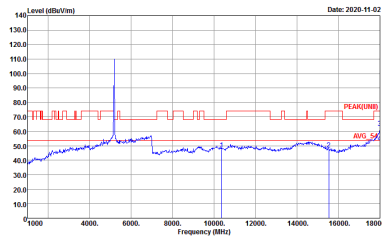
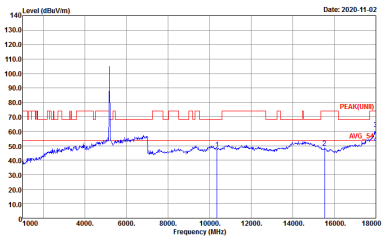


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2020-11-01	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2020-11-01
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Date: 2020-11-01	Left blank

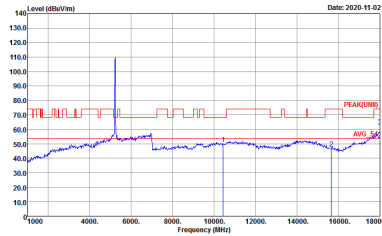
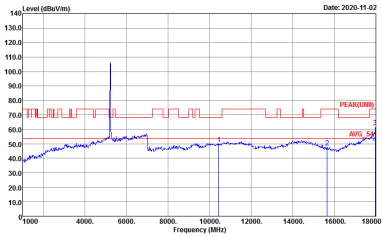


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

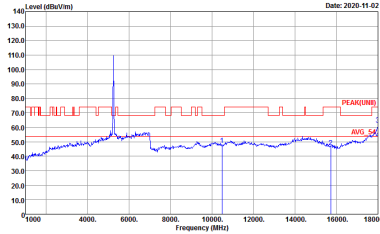
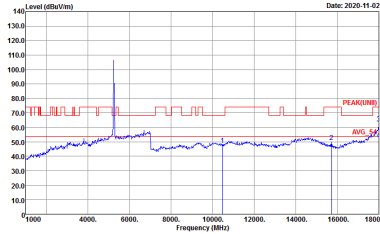
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

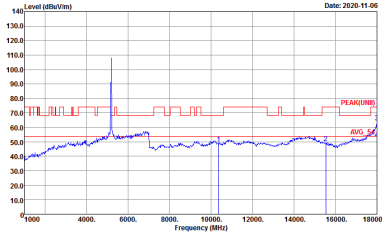
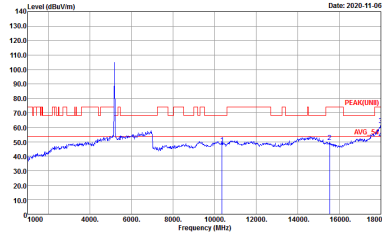


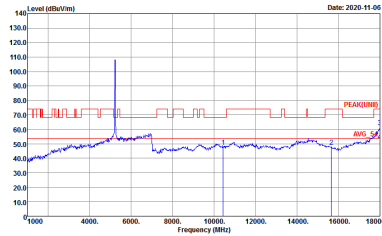
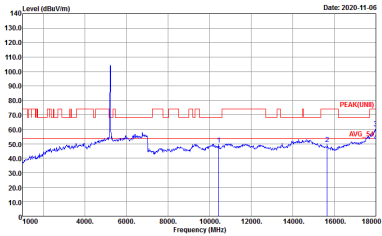
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL



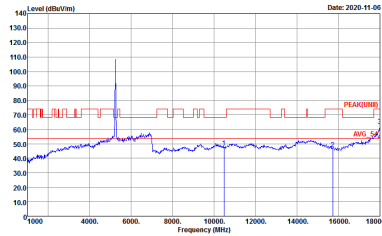
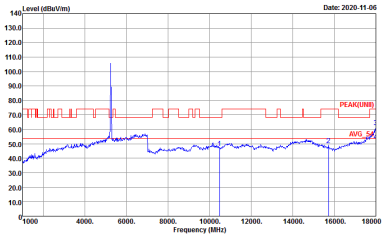
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

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

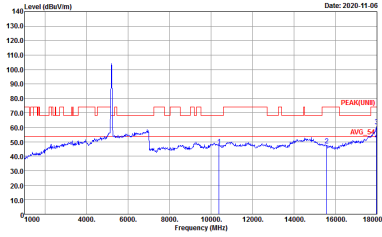
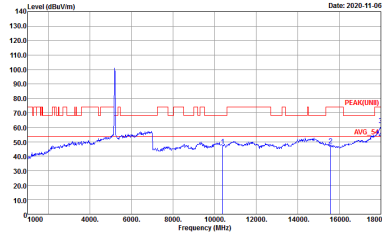
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CHI5-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

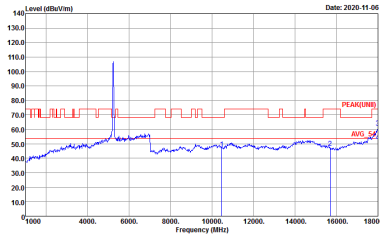
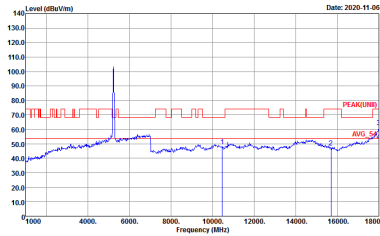


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

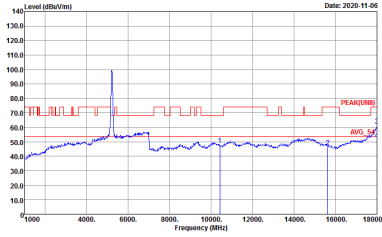
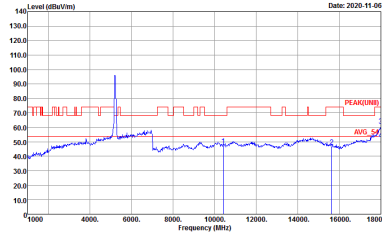
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL



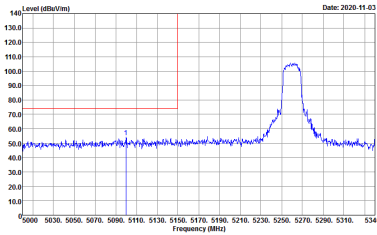
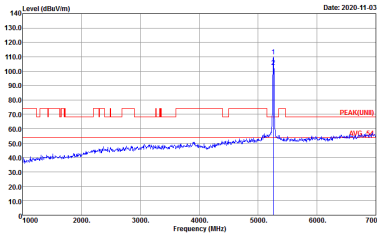
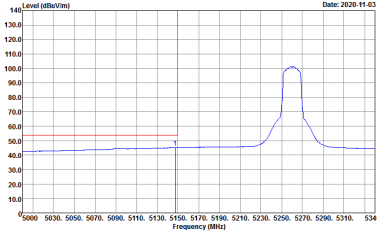
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

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

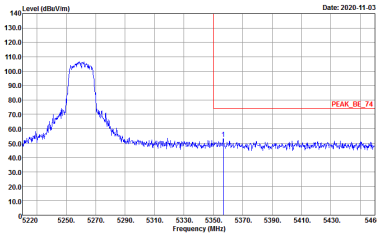
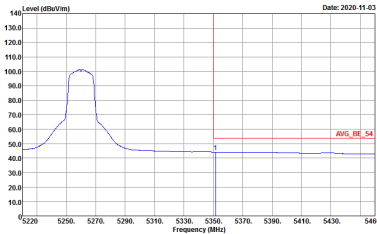
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL



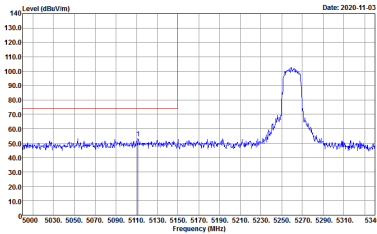
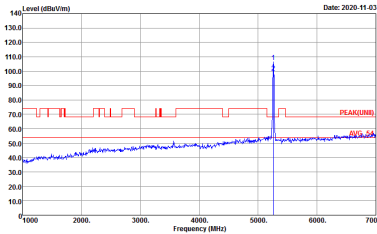
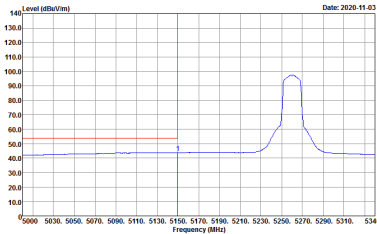
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

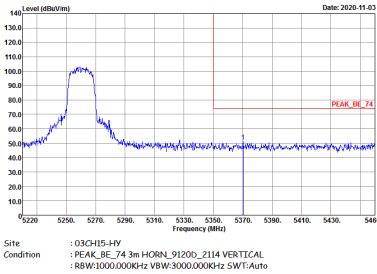
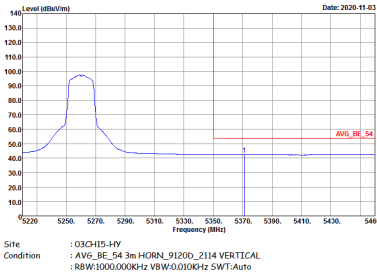


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

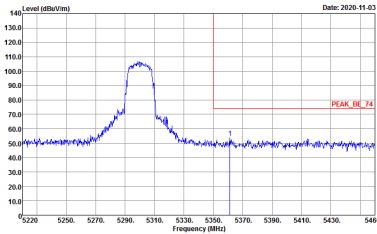
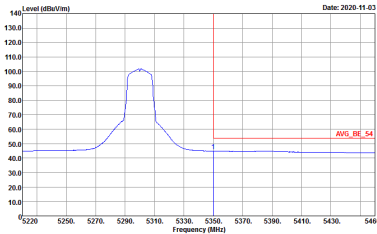


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

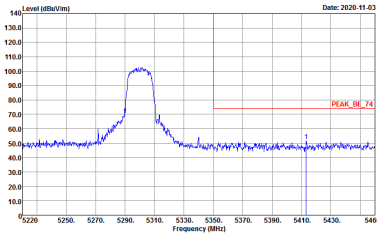
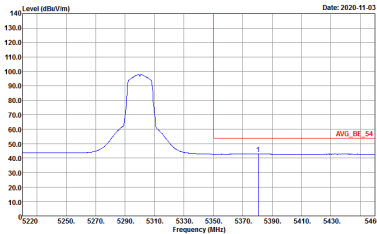


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

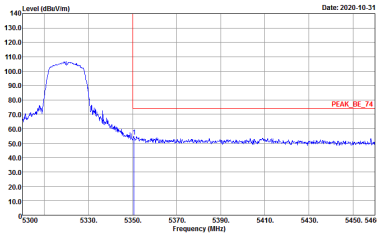
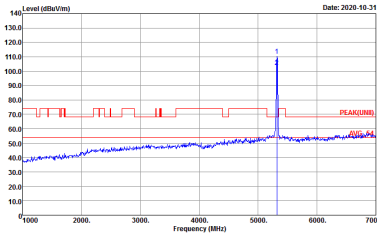
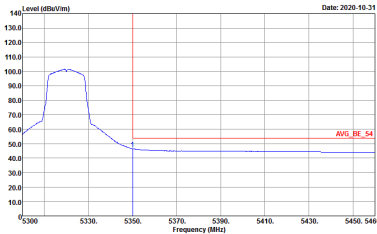


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

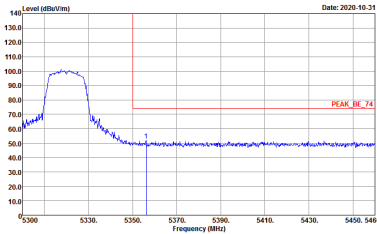
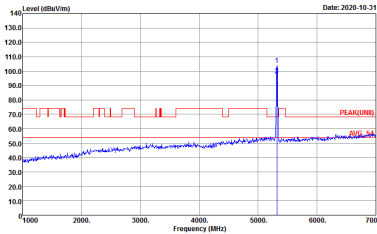
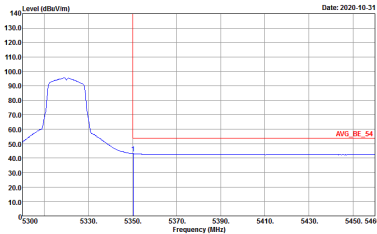


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

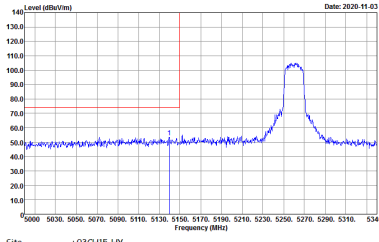
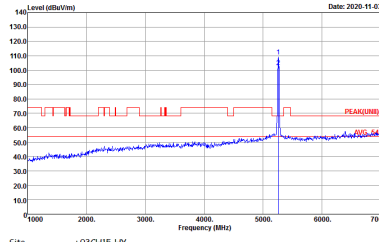
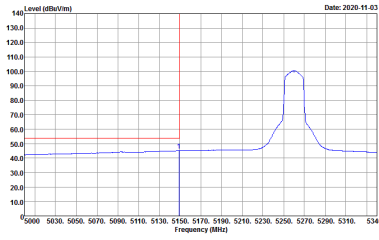


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UWB) 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

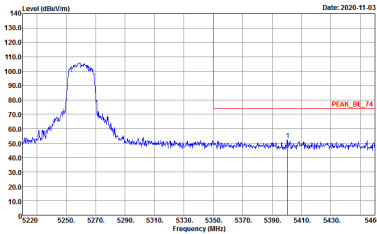
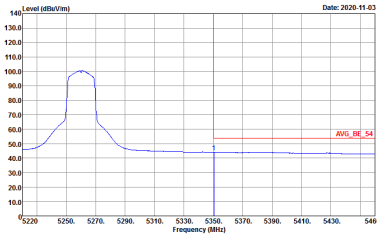


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINB) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	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	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

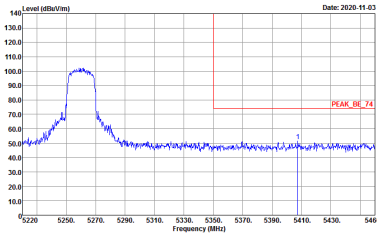
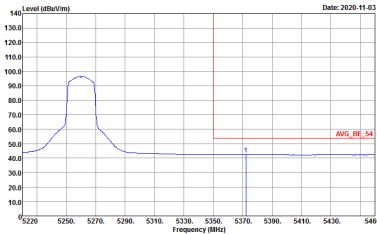


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AV6_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

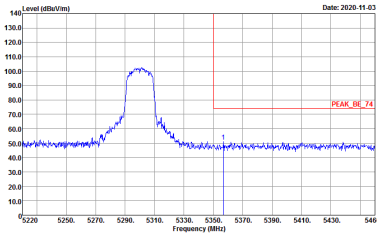
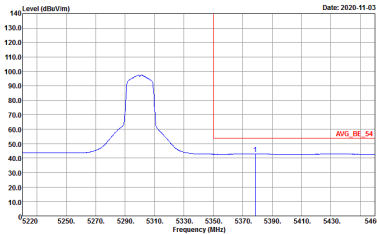


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

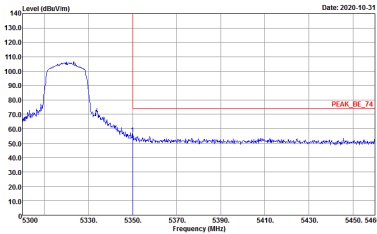
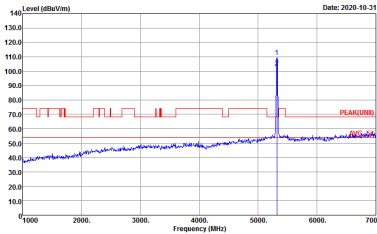
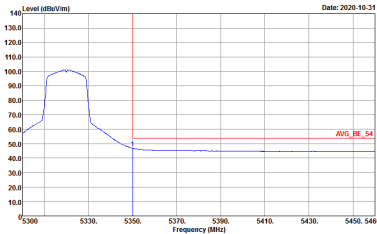


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



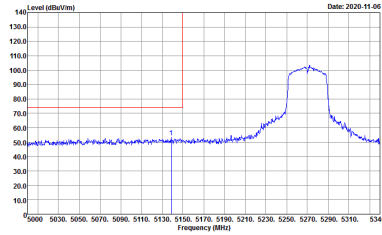
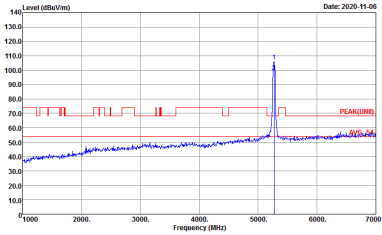
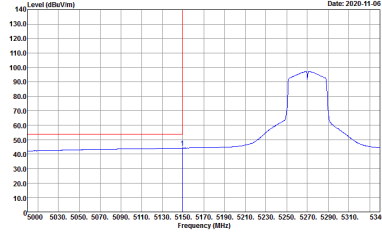
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UWB) 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



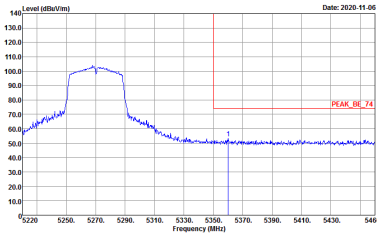
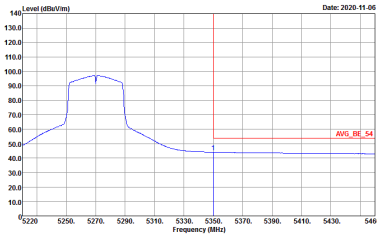
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



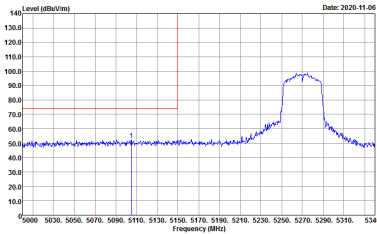
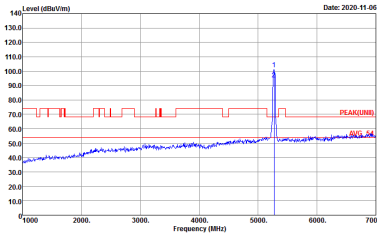
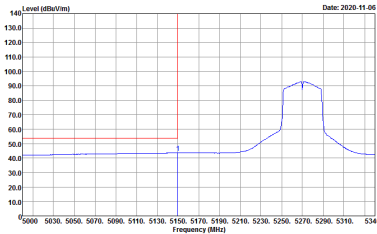
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

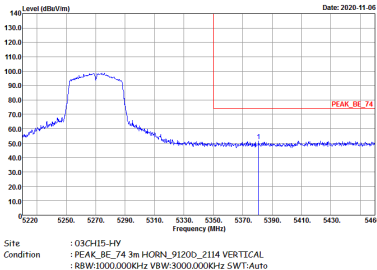
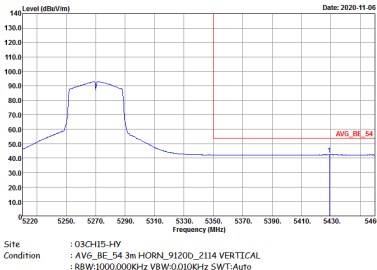


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2020-11-06	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Date: 2020-11-06	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

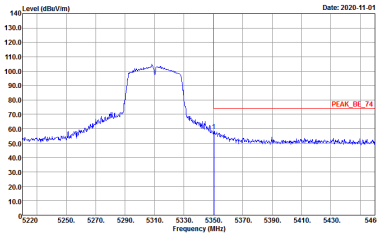
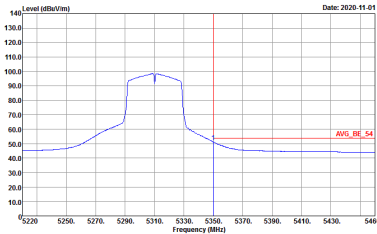


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak		Left blank
Avg.		Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

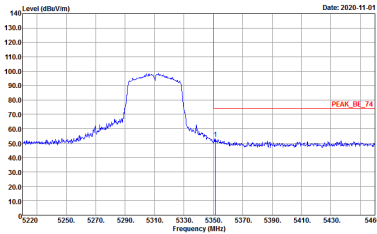
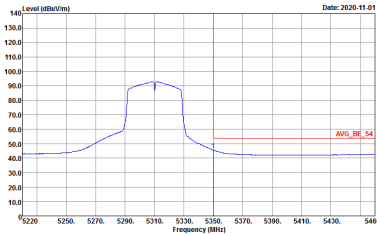


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

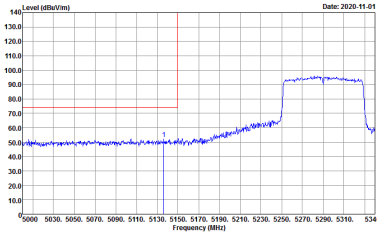
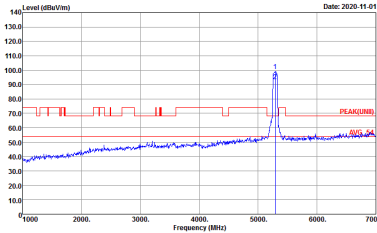
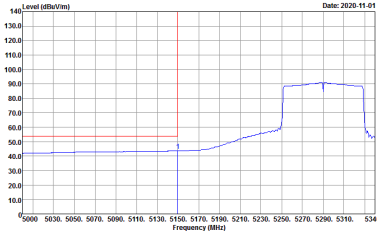


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

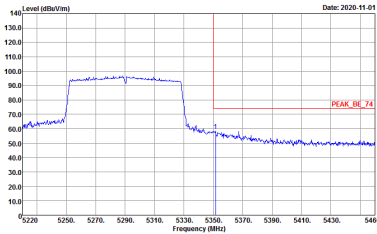
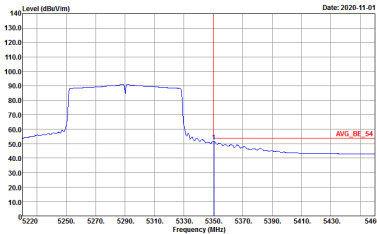


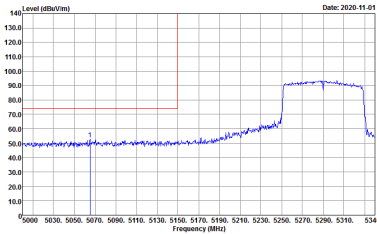
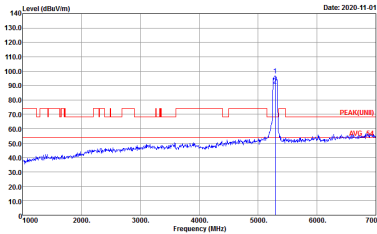
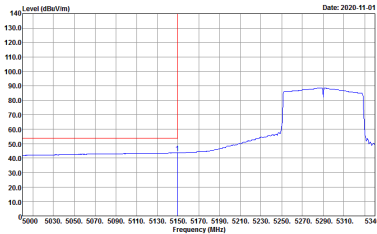
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

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

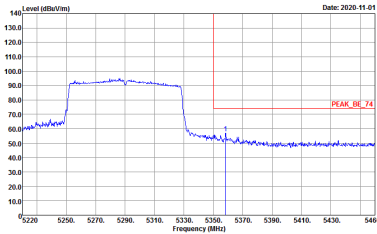
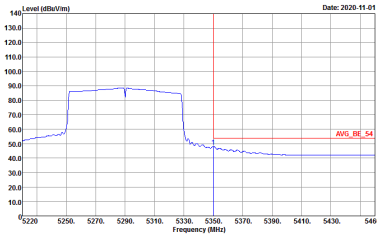
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



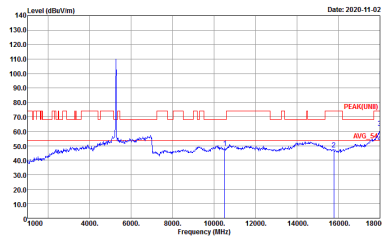
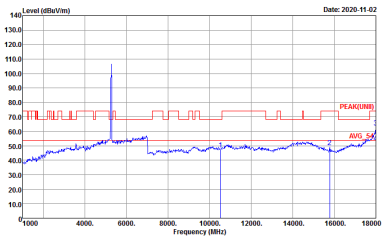
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

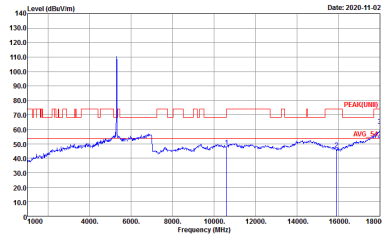
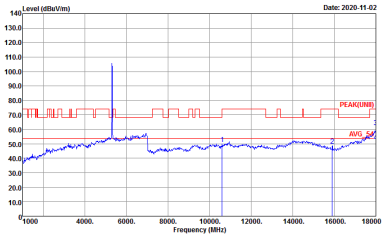


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

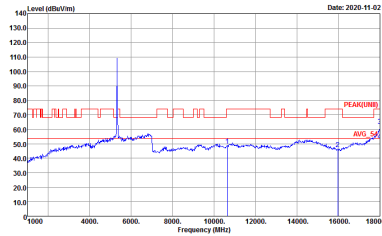
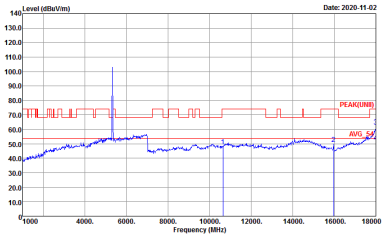
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

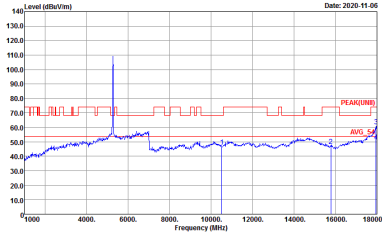
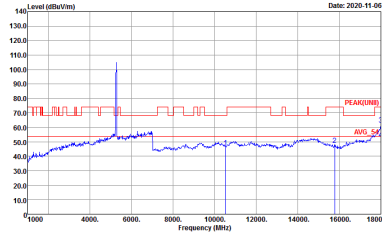


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

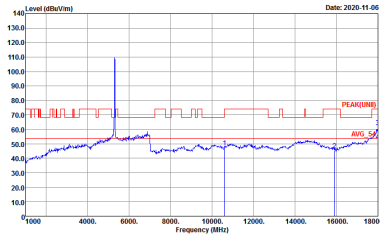
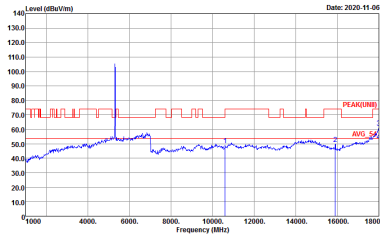


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

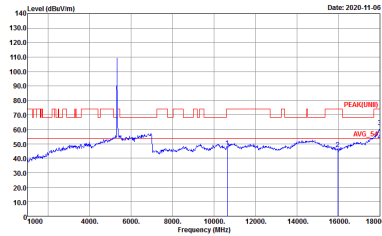
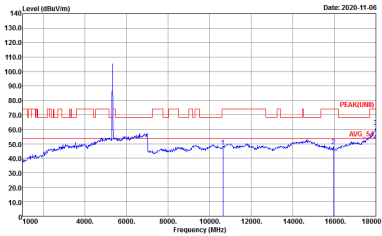
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL



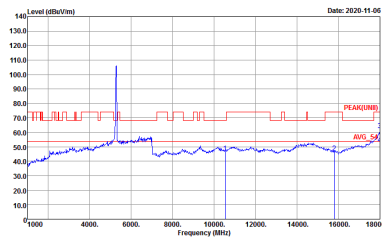
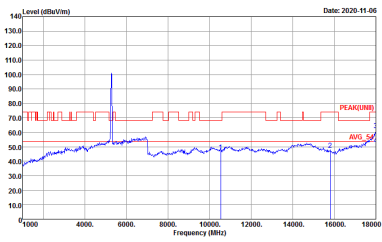
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CHI5-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL



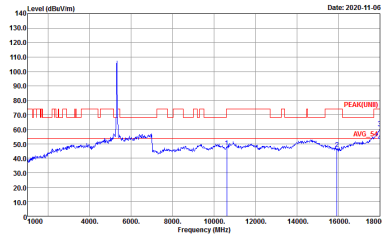
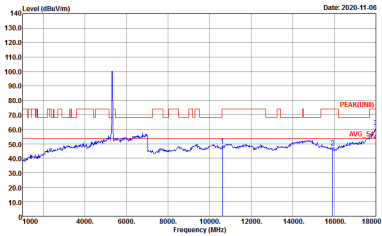
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CHI5-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL



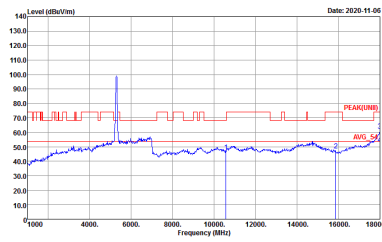
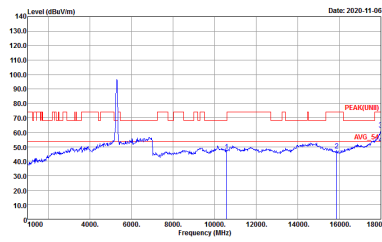
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL

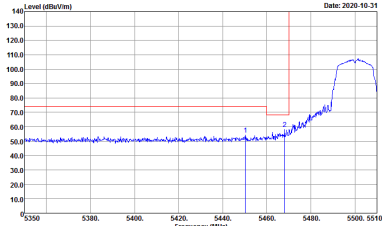
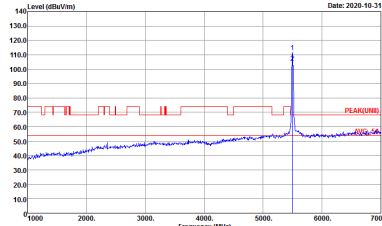
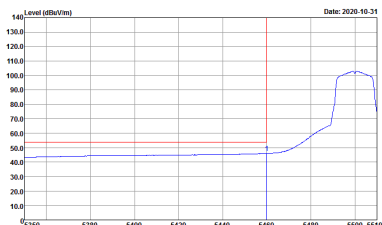


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_9120D_2114 VERTICAL

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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL

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

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

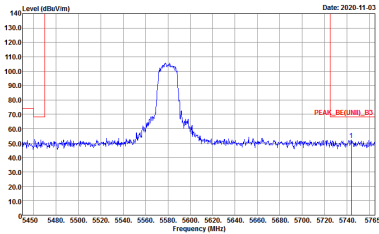


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

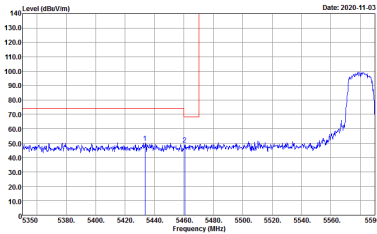
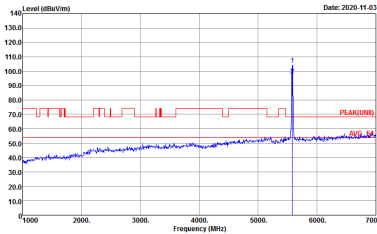
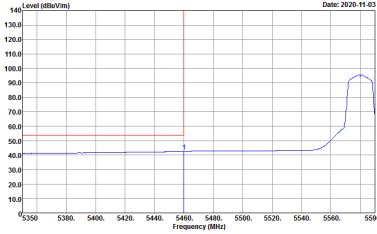


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

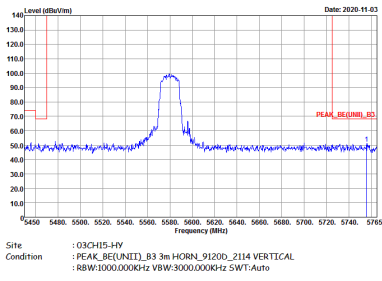


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BC(UNIT)_R3 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

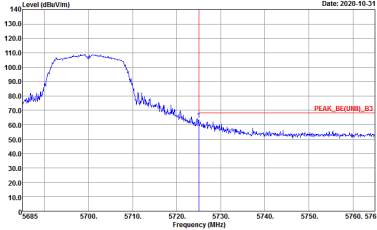
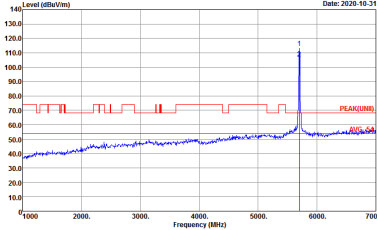


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

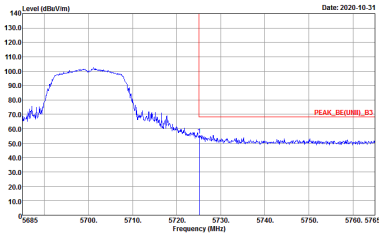
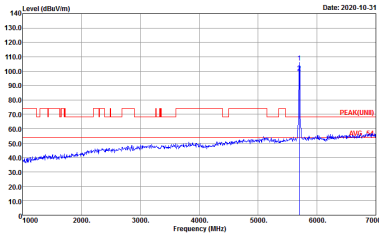


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

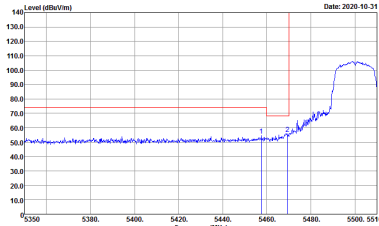
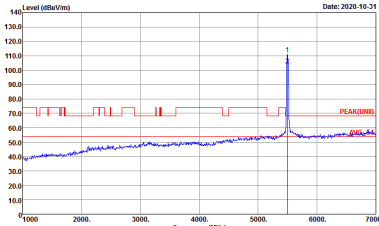
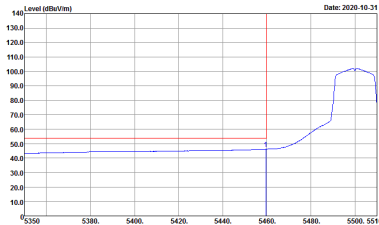


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : : PEAK_BC(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

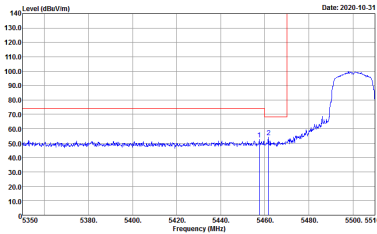
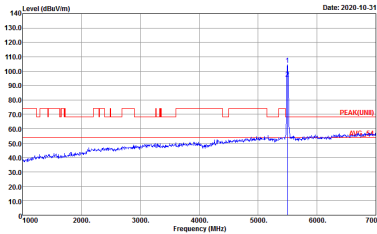
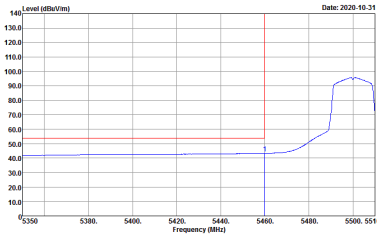


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_B3(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

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

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

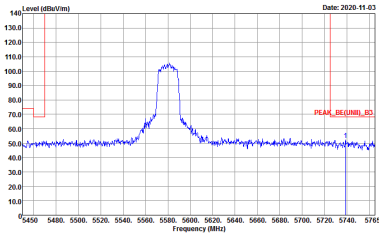


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

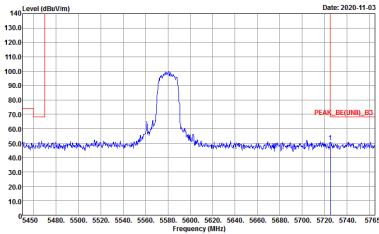


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BC(UNIT)_R3 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

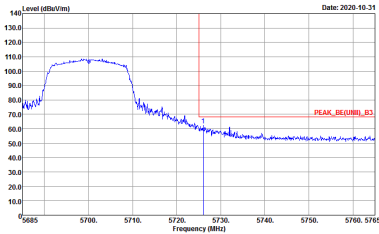
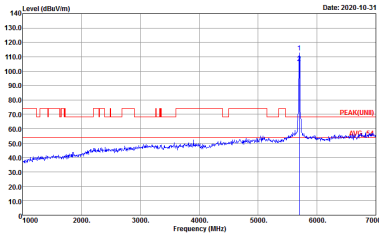


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

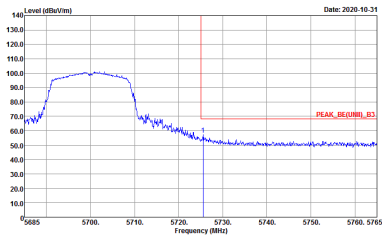
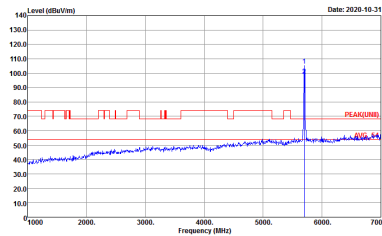


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEA1_01(UNIT)_R3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

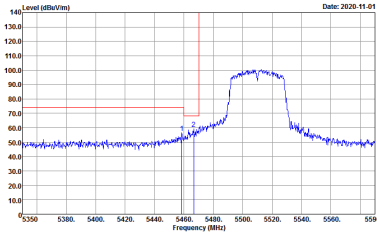
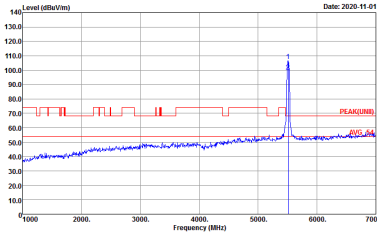
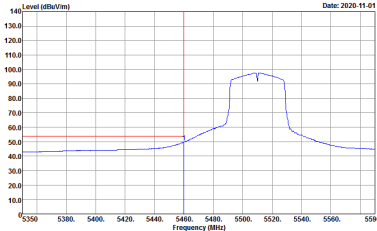


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CHI5-HY Condition : : PEAK_BC(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CHI5-HY Condition : : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

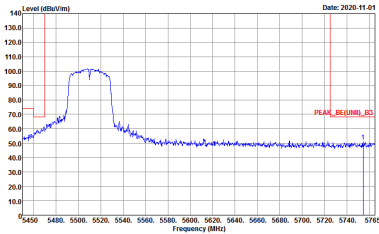


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH15-HY Condition : PEAK_BC(UNIT)_R3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

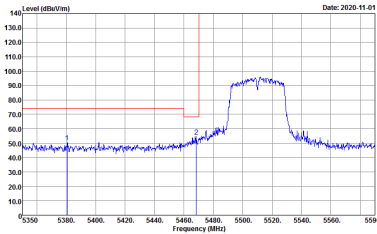
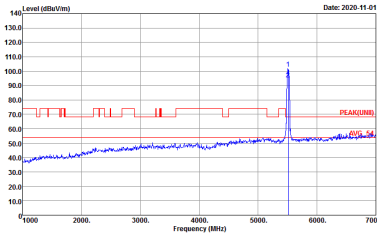
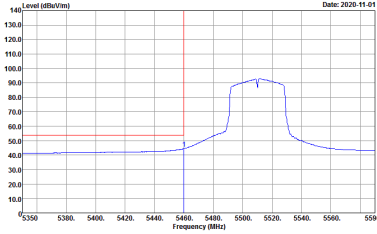
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

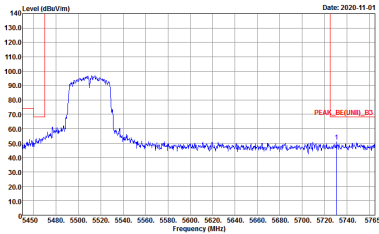


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BC(UNIT)_R3 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2020-11-01	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

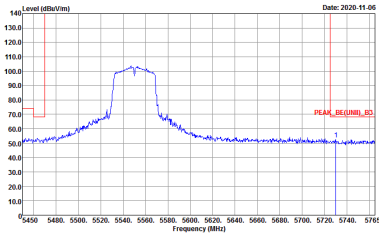


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BC(UNIT)_R3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2020-11-01	Left blank

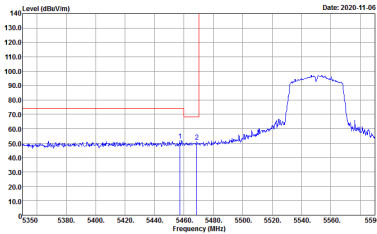
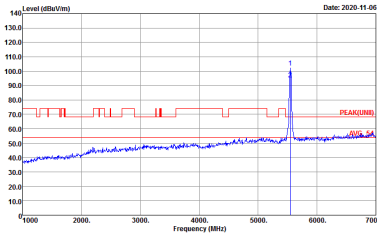
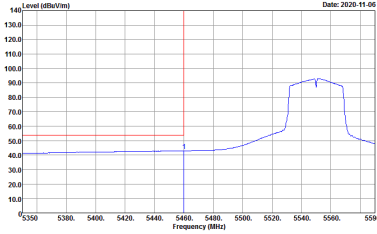


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

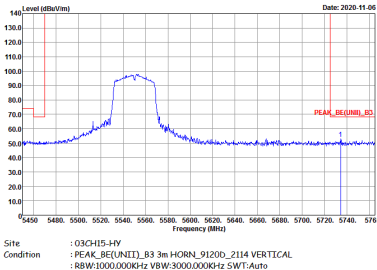


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BC(UNIT)_R3 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

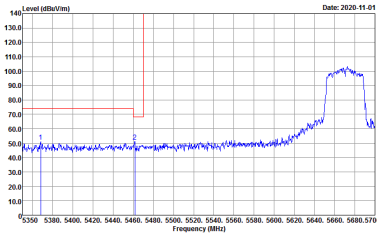
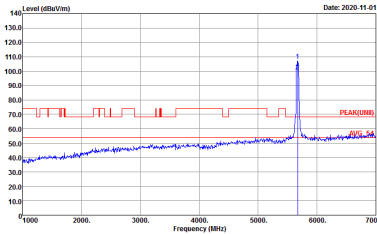
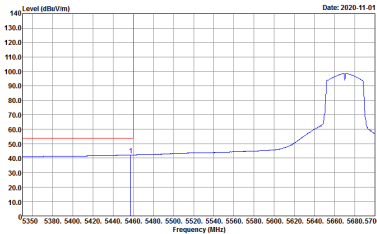


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

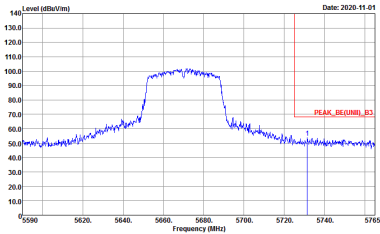


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak		Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 09CH15-HY Condition : PEAK_B3(UNIT)_B3 3m HORN_91200_2114 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank