

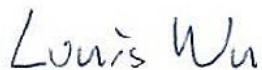


FCC RADIO TEST REPORT

FCC ID : 2ALBE-0301
Equipment : Digital Media Receiver
Model Name : VN94DQ
Applicant : Amazon.com Services LLC
410 Terry Avenue N Seattle, WA
98109-5210 United States
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jul. 27, 2017 and testing was started from Dec. 21, 2020 and completed on Jun. 10, 2021. 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 variant 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.



Approved by: Louis Wu

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



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History of this test report

Report No.	Version	Description	Issued Date
FR832715-06	01	Initial issue of report	Jun. 28, 2021
FR832715-06	02	Revise applicant information	Dec. 16, 2021
FR832715-06	03	Revise typo in Product Specification subjective to this standard	Jan. 04, 2022

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
-	15.207	AC Conducted Emission	Pass
3.5	15.407(c)	Automatically Discontinue Transmission	Pass
3.6	15.203 15.407(a)	Antenna Requirement	Pass

Note:

1. Not required means after assessing, test items are not necessary to carry out.
2. This is a variant report by adding WLAN 5GHz Band 2 and Band 3. All the test cases were performed on original report which can be referred to Sporton Report Number FR742716-01D.

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: Alan Liu

Report Producer: Celery Wei



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	VN94DQ
FCC ID	2ALBE-0301
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE

Remark: The above EUT's information was declared by manufacturer.

1.2 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx/Rx Frequency Range	5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Average Output Power to antenna	<5260 MHz ~ 5320 MHz> <Ant. 1> 802.11a: 20.10 dBm / 0.1023 W 802.11n HT20: 20.00 dBm / 0.1000 W 802.11n HT40: 17.30 dBm / 0.0537 W 802.11ac VHT20: 19.90 dBm / 0.0977 W 802.11ac VHT40: 17.20 dBm / 0.0525 W 802.11ac VHT80: 12.30 dBm / 0.0170 W <Ant. 2> 802.11a: 19.80 dBm / 0.0955 W 802.11n HT20: 19.70 dBm / 0.0933 W 802.11n HT40: 17.30 dBm / 0.0537 W 802.11ac VHT20: 19.60 dBm / 0.0912 W 802.11ac VHT40: 17.20 dBm / 0.0525 W 802.11ac VHT80: 13.80 dBm / 0.0240 W MIMO<Ant. 1 + 2> 802.11a: 19.96 dBm / 0.0991 W 802.11n HT20: 19.91 dBm / 0.0980 W 802.11n HT40: 19.81 dBm / 0.0958 W 802.11ac VHT20: 19.81 dBm / 0.0958 W 802.11ac VHT40: 19.71 dBm / 0.0936 W 802.11ac VHT80: 16.26 dBm / 0.0423 W

Product Specification subjective to this standard	
Maximum Average Output Power to antenna	<5500 MHz ~ 5720 MHz>
	<Ant. 1>
	802.11a: 20.00 dBm / 0.1000 W
	802.11n HT20: 19.70 dBm / 0.0933 W
	802.11n HT40: 19.10 dBm / 0.0813 W
	802.11ac VHT20: 19.60 dBm / 0.0912 W
	802.11ac VHT40: 19.00 dBm / 0.0794 W
	802.11ac VHT80: 18.90 dBm / 0.0776 W
	<Ant. 2>
	802.11a: 19.40 dBm / 0.0871 W
	802.11n HT20: 19.30 dBm / 0.0851 W
	802.11n HT40: 19.80 dBm / 0.0955 W
	802.11ac VHT20: 19.20 dBm / 0.0832 W
	802.11ac VHT40: 19.70 dBm / 0.0933 W
	802.11ac VHT80: 19.40 dBm / 0.0871 W
	MIMO<Ant. 1 + 2>
	802.11a: 19.56 dBm / 0.0904 W
	802.11n HT20: 19.67 dBm / 0.0926 W
	802.11n HT40: 21.36 dBm / 0.1369 W
	802.11ac VHT20: 19.57 dBm / 0.0905 W
	802.11ac VHT40: 21.26 dBm / 0.1337 W
	802.11ac VHT80: 21.01 dBm / 0.1263 W

Product Specification subjective to this standard			
99% Occupied Bandwidth	<Ant. 1>		
	802.11a: 19.98 MHz		
	802.11n HT20: 22.53 MHz		
	802.11n HT40: 37.58 MHz		
	802.11ac VHT80: 77.20 MHz		
	<Ant. 2>		
	802.11a: 25.27 MHz		
	802.11n HT20: 26.82 MHz		
	802.11n HT40: 44.57 MHz		
	802.11ac VHT80: 77.20 MHz		
	MIMO<Ant. 1>		
	802.11a: 17.38 MHz		
	802.11n HT20: 18.43 MHz		
	802.11n HT40: 37.46 MHz		
	802.11ac VHT80: 77.44 MHz		
	MIMO<Ant. 2>		
802.11a: 17.38 MHz			
802.11n HT20: 18.13 MHz			
802.11n HT40: 37.78 MHz			
802.11ac VHT80: 76.84 MHz			
Antenna Type / Gain	<5260 MHz ~ 5320 MHz> <Ant. 1>: Fixed Internal Antenna / 4.29 dBi <Ant. 2>: Fixed Internal Antenna / 5.31 dBi <5500 MHz ~ 5720 MHz> <Ant. 1>: Fixed Internal Antenna / 5.58 dBi <Ant. 2>: Fixed Internal Antenna / 4.46 dBi		
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)		
Antenna Function Description		Ant. 1	Ant. 2
	802.11 a/n/ac	V	V
	802.11 a/n/ac MIMO	V	V

Remark:

1. MIMO Ant. 1+2 is a calculated result from sum of the power MIMO Ant. 1 and MIMO Ant. 2.
2. For other wireless features of this EUT, test report will be issued separately.
3. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.3 Modification of EUT

No modifications 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 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH02-HY
Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH15-HY (TAF Code: 3786)
Remark:	The Radiated Emission Test item subcontracted to Sporton International Inc. Wensan Laboratory

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

FCC designation No.: TW1190 and TW3786

1.5 Applicable Standards

According to the specifications 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.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ 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

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: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

2.1 Carrier Frequency and Channel

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

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

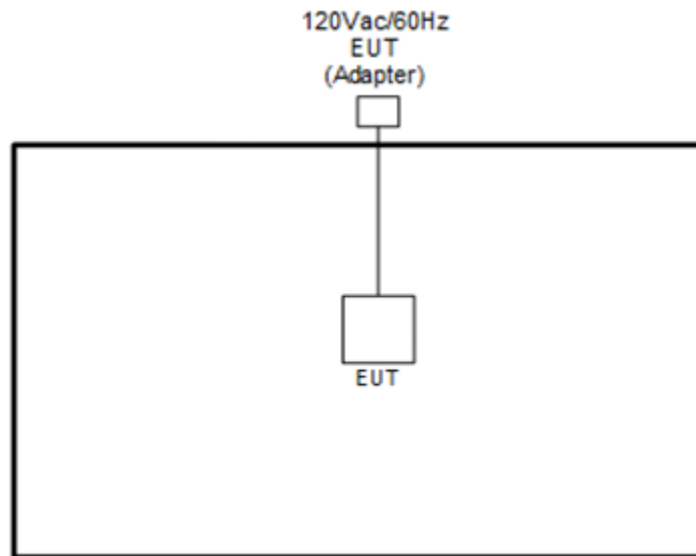
Ch. #		Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20
L	Low	52	100
M	Middle	60	116
H	High	64	140
Straddle		-	144

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

Ch. #		Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80
L	Low	-	106
M	Middle	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



2.4 EUT Operation Test Setup

The RF test items, utility "Compliance tool 1.0.0.87 / Compliance tool 1.0.1.11" 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.

2.5 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

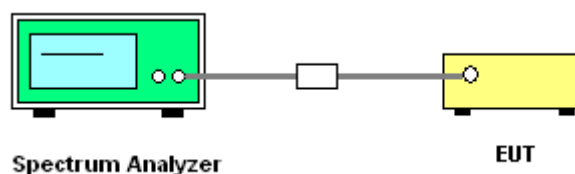
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

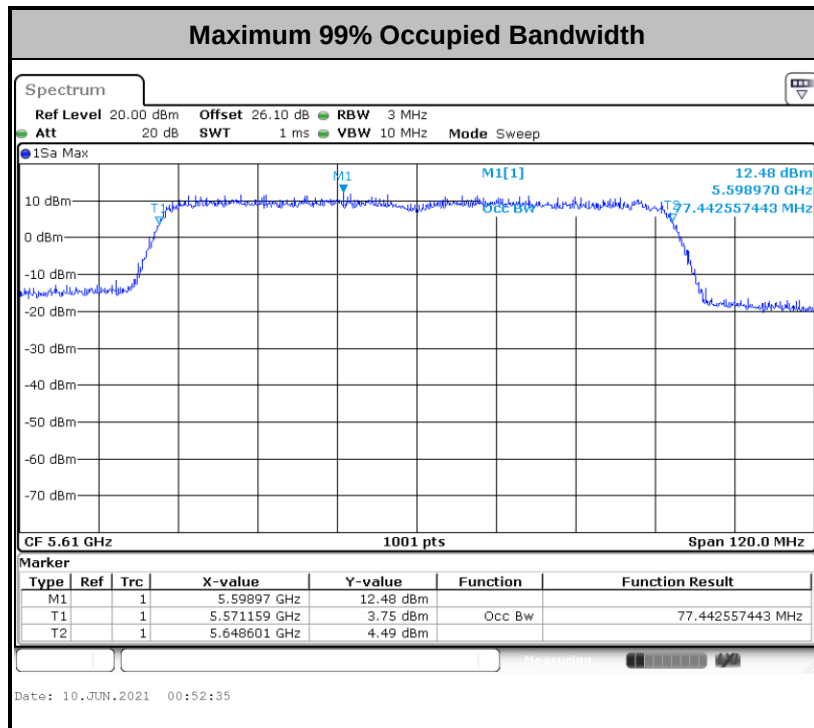
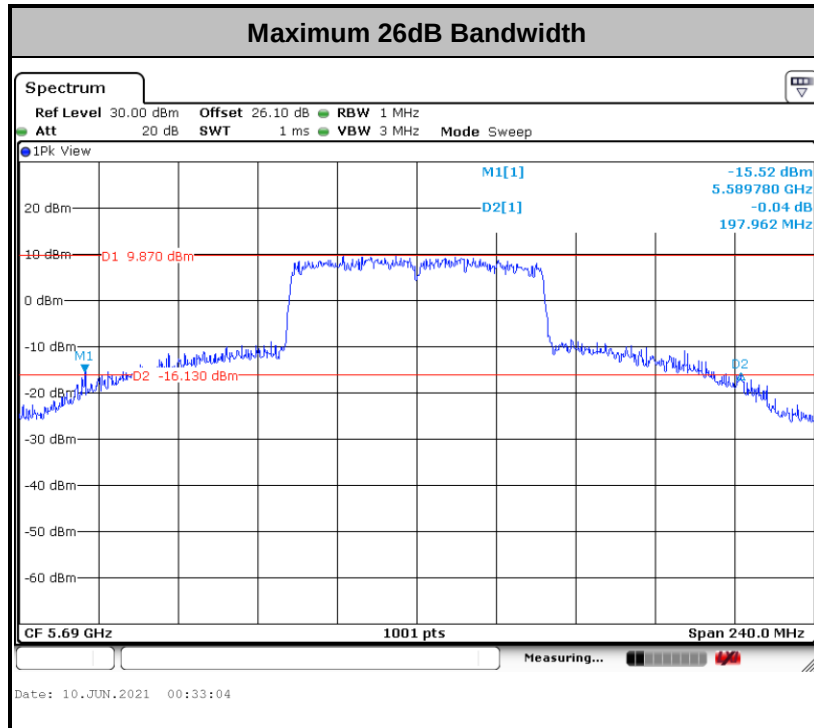
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

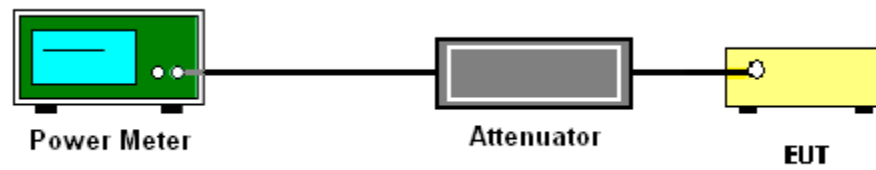
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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 5.25–5.725 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

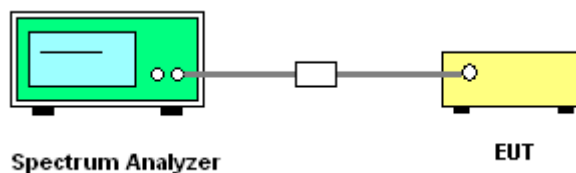
(power averaging (rms) detection with max hold):

- 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. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

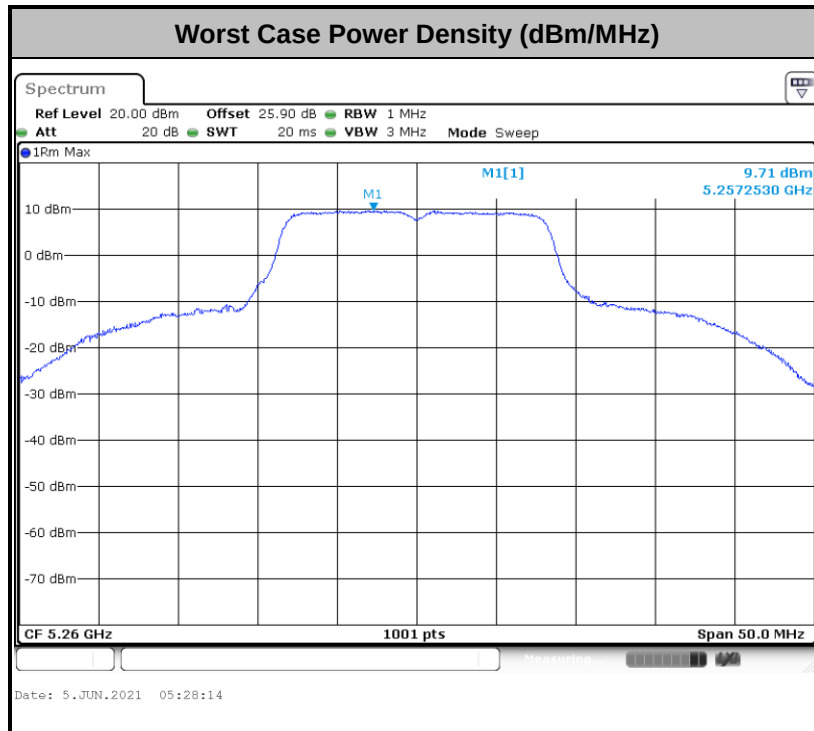
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 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.

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

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

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

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

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

3.4.2 Measuring Instruments

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 1000 MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW $\geq$ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

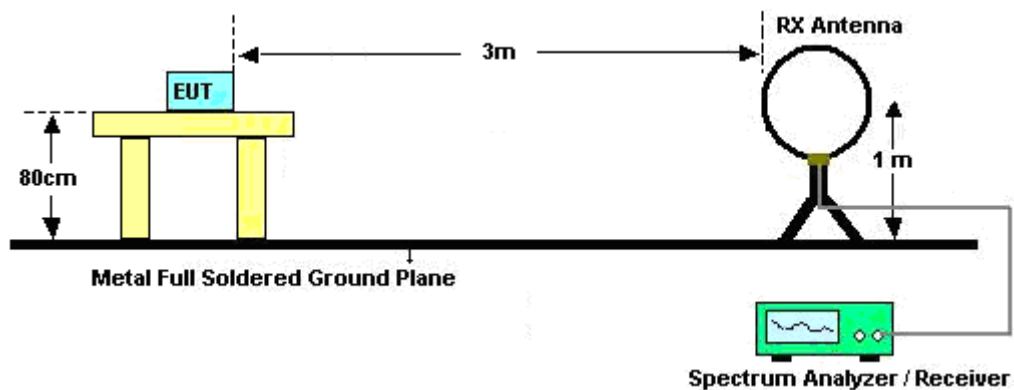
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

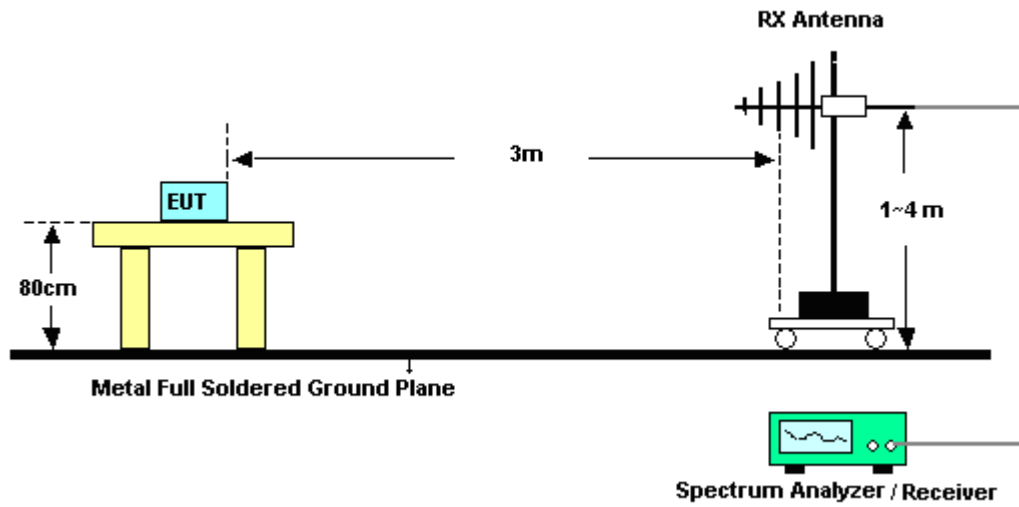
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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 1 GHz, 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 1 GHz, the emission level of the EUT in peak mode was 20 dB 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

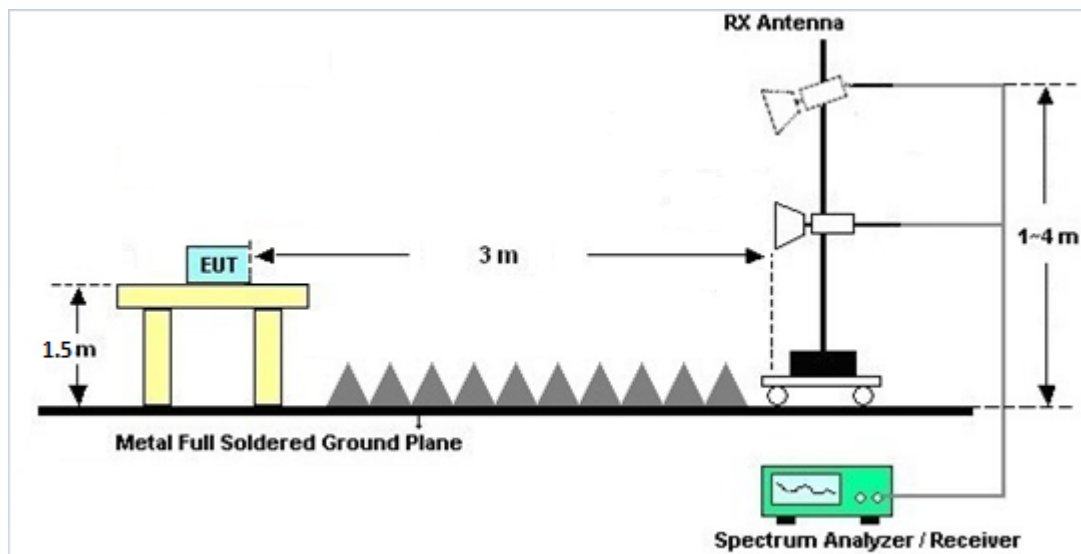
For radiated emissions below 30MHz



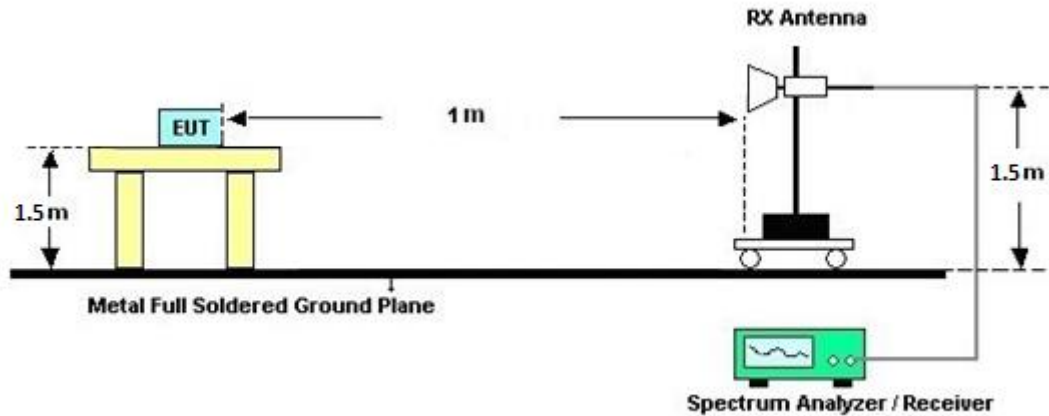
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.



3.5 Automatically Discontinue Transmission

3.5.1 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.

3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log(\text{NANT}/\text{NSS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

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

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

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

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

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

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band II	4.29	5.31	5.31	7.83	0.00	1.83
Band III	5.58	4.46	5.58	8.05	0.00	2.05

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

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



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	Jul. 14, 2020	Jan. 01, 2021~ Jun. 01, 2021	Jul. 13, 2021	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	41912 & 05	30MHz~1GHz	Feb. 09, 2020	Jan. 01, 2021~ Feb. 07, 2021	Feb. 08, 2021	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 11, 2020	Feb. 07, 2021~ Feb. 08, 2021	Oct. 10, 2021	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	41912 & 05	30MHz~1GHz	Feb. 08, 2021	Feb. 08, 2021~ Jun. 01, 2021	Feb. 07, 2022	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 28, 2020	Jan. 01, 2021~ Jun. 01, 2021	Dec. 27, 2021	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-016 20	1GHz~18GHz	Nov. 03, 2020	Jan. 01, 2021~ Jun. 01, 2021	Nov. 02, 2021	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 251	18GHz~40GHz	Dec. 02, 2020	Jan.01, 2021~ Jun. 01, 2021	Dec. 01, 2021	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055006	1GHz~18GHz	May 07, 2020	Jan.01, 2021~ May 05, 2021	May 06, 2021	Radiation (03CH15-HY)
Amplifier	EMCI	EMC118A45S E	980791	1GHz~18GHz	Nov. 16, 2020	May 05, 2021~ May 06, 2021	Nov. 15, 2021	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055006	1GHz~18GHz	May 06, 2021	May 06, 2021~ Jun. 01, 2021	May 05, 2022	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY532701 95	1GHz~26.5GHz	Aug. 21, 2020	Jan. 01, 2021~ Jun. 01, 2021	Aug. 20, 2021	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Oct. 27, 2020	Jan. 01, 2021~ Jun. 01, 2021	Oct. 26, 2021	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY541300 85	20MHz~8.4GHz	Nov. 02, 2020	Jan. 01, 2021~ Jun. 01, 2021	Nov. 01, 2021	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY501801 36	3Hz~44GHz	May 04, 2020	Jan. 01, 2021~ May 02, 2021	May 03, 2021	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 85	10Hz~44GHz	Mar. 05, 2021	May 03, 2021~ Jun. 01, 2021	Mar. 04, 2022	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 01, 2021~ Jun. 01, 2021	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 01, 2021~ Jun. 01, 2021	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k 5)	RK-00045 1	N/A	N/A	Jan. 01, 2021~ Jun. 01, 2021	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/ 4, MY9838/4 PE,508405 /2E	30MHz~18G	Nov. 16, 2020	Jan. 01, 2021~ Jun. 01, 2021	Nov. 15, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 25, 2020	Jan. 01, 2021~ Feb. 22, 2021	Feb. 24, 2021	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 22, 2021	Feb. 22, 2021~ Jun. 01, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 25, 2020	Jan. 01, 2021~ Feb. 22, 2021	Feb. 24, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 22, 2021	Feb. 22, 2021~ Jun. 01, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz~30MHz	Mar. 12, 2020	Jan. 01, 2021~ Mar. 10, 2021	Mar. 11, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971- 4	9kHz to 18GHz	Feb. 24, 2021	Mar. 10, 2021~ Mar. 11, 2021	Feb. 24, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz~30MHz	Mar. 11, 2021	Mar. 11, 2021~ Jun. 01, 2021	Mar. 10, 2022	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-1 530-6000-40S T	SN4	1.53GHz Low Pass Filter	Jul. 03, 2020	Jan. 01, 2021~ Jun. 01, 2021	Jul. 02, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000 -40ST	SN6	6.75GHz High Pass Filter	Jul. 01, 2020	Jan. 01, 2021~ Jun. 01, 2021	Jun. 30, 2021	Radiation (03CH15-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Dec. 21, 2020~ Feb. 28, 2021	Mar. 01, 2021	Conducted (TH02-HY)
Hygrometer	Testo	DTM-303A	TP157075	N/A	Jan. 03, 2021	Feb. 28, 2021~ Jun. 10, 2021	Jan. 02, 2022	Conducted (TH02-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO12	10MHz~6GHz	Dec. 16, 2020	Dec. 21, 2020~ Jun. 10, 2021	Dec. 15, 2021	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Dec. 21, 2020~ Jun. 10, 2021	Jul. 21, 2021	Conducted (TH02-HY)
Switch Box & RF Cable	Burgeon	ETF058	EC130048 4	N/A	Nov. 19, 2020	Dec. 21, 2020~ Jun. 10, 2021	Nov. 18, 2021	Conducted (TH02-HY)

5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

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

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

Test Engineer:	Shiming Liu	Temperature:	21.7~24.9	°C
Test Date:	2020/12/21~2021/6/10	Relative Humidity:	49.5~55.6	%

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	19.98	25.27	41.80	44.65	23.98	23.98	30.00	30.00	23.98	23.98	
11a	6Mbps	1	60	5300	17.83	18.03	35.05	37.45	23.51	23.56	29.51	29.56	23.98	23.98	
11a	6Mbps	1	64	5320	17.23	17.23	22.90	22.95	23.36	23.36	29.36	29.36	23.98	23.98	
HT20	MCS0	1	52	5260	22.53	24.98	47.80	48.90	23.98	23.98	30.00	30.00	23.98	23.98	
HT20	MCS0	1	60	5300	18.53	18.78	32.85	44.00	23.68	23.74	29.68	29.74	23.98	23.98	
HT20	MCS0	1	64	5320	18.18	18.23	23.10	23.25	23.60	23.61	29.60	29.61	23.98	23.98	
HT40	MCS0	1	54	5270	37.56	37.06	69.89	40.88	23.98	23.98	30.00	30.00	23.98	23.98	
HT40	MCS0	1	62	5310	36.76	36.86	40.87	41.08	23.98	23.98	30.00	30.00	23.98	23.98	
VHT80	MCS0	1	58	5290	76.96	76.96	83.20	82.24	23.98	23.98	30.00	30.00	23.98	23.98	

Band II MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	17.28	17.38	23.15	22.60	23.38		29.38		23.98		
11a	6Mbps	2	60	5300	17.28	17.38	22.95	22.50	23.38		29.38		23.98		
11a	6Mbps	2	64	5320	17.28	17.08	22.95	22.50	23.33		29.33		23.98		
HT20	MCS0	2	52	5260	18.23	18.08	23.15	22.95	23.57		29.57		23.98		
HT20	MCS0	2	60	5300	18.23	18.13	23.05	23.10	23.58		29.58		23.98		
HT20	MCS0	2	64	5320	18.28	18.08	23.15	22.90	23.57		29.57		23.98		
HT40	MCS0	2	54	5270	37.46	36.76	65.60	46.03	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.76	36.76	40.80	40.69	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.96	76.72	83.20	81.92	23.98		30.00		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	20.10	19.80		23.98	23.98	4.29	5.31	26.99	Pass
11a	6Mbps	1	60	5300	18.90	18.40		23.98	23.98	4.29	5.31	26.99	Pass
11a	6Mbps	1	64	5320	16.40	15.90		23.98	23.98	4.29	5.31	26.99	Pass
HT20	MCS0	1	52	5260	20.00	19.70		23.98	23.98	4.29	5.31	26.99	Pass
HT20	MCS0	1	60	5300	18.70	18.30		23.98	23.98	4.29	5.31	26.99	Pass
HT20	MCS0	1	64	5320	15.70	15.80		23.98	23.98	4.29	5.31	26.99	Pass
HT40	MCS0	1	54	5270	17.30	17.30		23.98	23.98	4.29	5.31	26.99	Pass
HT40	MCS0	1	62	5310	12.50	14.30		23.98	23.98	4.29	5.31	26.99	Pass
VHT20	MCS0	1	52	5260	19.90	19.60		23.98	23.98	4.29	5.31	26.99	Pass
VHT20	MCS0	1	60	5300	18.60	18.20		23.98	23.98	4.29	5.31	26.99	Pass
VHT20	MCS0	1	64	5320	15.60	15.70		23.98	23.98	4.29	5.31	26.99	Pass
VHT40	MCS0	1	54	5270	17.20	17.20		23.98	23.98	4.29	5.31	26.99	Pass
VHT40	MCS0	1	62	5310	12.40	14.20		23.98	23.98	4.29	5.31	26.99	Pass
VHT80	MCS0	1	58	5290	12.30	13.80		23.98	23.98	4.29	5.31	26.99	Pass

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	17.00	16.90	19.96	23.98		5.31		26.99	Pass
11a	6Mbps	2	60	5300	17.10	16.80	19.96	23.98		5.31		26.99	Pass
11a	6Mbps	2	64	5320	16.20	16.40	19.31	23.98		5.31		26.99	Pass
HT20	MCS0	2	52	5260	16.40	16.50	19.46	23.98		5.31		26.99	Pass
HT20	MCS0	2	60	5300	17.00	16.80	19.91	23.98		5.31		26.99	Pass
HT20	MCS0	2	64	5320	16.00	16.20	19.11	23.98		5.31		26.99	Pass
HT40	MCS0	2	54	5270	16.70	16.90	19.81	23.98		5.31		26.99	Pass
HT40	MCS0	2	62	5310	11.60	12.00	14.81	23.98		5.31		26.99	Pass
VHT20	MCS0	2	52	5260	16.30	16.40	19.36	23.98		5.31		26.99	Pass
VHT20	MCS0	2	60	5300	16.90	16.70	19.81	23.98		5.31		26.99	Pass
VHT20	MCS0	2	64	5320	15.90	16.10	19.01	23.98		5.31		26.99	Pass
VHT40	MCS0	2	54	5270	16.60	16.80	19.71	23.98		5.31		26.99	Pass
VHT40	MCS0	2	62	5310	11.50	11.90	14.71	23.98		5.31		26.99	Pass
VHT80	MCS0	2	58	5290	13.20	13.30	16.26	23.98		5.31		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	9.71	9.49		11.00	11.00	4.29	5.31	Pass
11a	6Mbps	1	60	5300	8.05	7.59		11.00	11.00	4.29	5.31	Pass
11a	6Mbps	1	64	5320	5.52	5.03		11.00	11.00	4.29	5.31	Pass
HT20	MCS0	1	52	5260	9.63	9.22		11.00	11.00	4.29	5.31	Pass
HT20	MCS0	1	60	5300	8.03	7.53		11.00	11.00	4.29	5.31	Pass
HT20	MCS0	1	64	5320	4.67	5.10		11.00	11.00	4.29	5.31	Pass
HT40	MCS0	1	54	5270	3.51	3.56		11.00	11.00	4.29	5.31	Pass
HT40	MCS0	1	62	5310	-1.49	0.72		11.00	11.00	4.29	5.31	Pass
VHT80	MCS0	1	58	5290	-4.21	-2.82		11.00	11.00	4.29	5.31	Pass

Band II MIMO												
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	2	52	5260			9.10	9.17		7.83		Pass
11a	6Mbps	2	60	5300			9.07	9.17		7.83		Pass
11a	6Mbps	2	64	5320			8.33	9.17		7.83		Pass
HT20	MCS0	2	52	5260			8.85	9.17		7.83		Pass
HT20	MCS0	2	60	5300			8.96	9.17		7.83		Pass
HT20	MCS0	2	64	5320			8.18	9.17		7.83		Pass
HT40	MCS0	2	54	5270			5.80	9.17		7.83		Pass
HT40	MCS0	2	62	5310			1.11	9.17		7.83		Pass
VHT80	MCS0	2	58	5290			-0.41	9.17		7.83		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 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	17.38	17.23	27.05	23.10	23.40	23.36	29.40	29.36	23.98	23.98	----	----
11a	6Mbps	1	116	5580	19.53	25.27	40.45	44.63	23.91	23.98	29.91	30.00	23.98	23.98	----	----
11a	6Mbps	1	140	5700	17.23	17.33	22.95	23.25	23.36	23.39	29.36	29.39	23.98	23.98	----	----
HT20	MCS0	1	100	5500	18.23	18.23	24.35	23.40	23.61	23.61	29.61	29.61	23.98	23.98	----	----
HT20	MCS0	1	116	5580	21.93	26.82	47.65	49.10	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT20	MCS0	1	140	5700	18.23	18.23	23.00	23.00	23.61	23.61	29.61	29.61	23.98	23.98	----	----
HT40	MCS0	1	102	5510	36.76	36.76	41.02	40.78	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	110	5550	36.86	37.26	40.99	75.66	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	134	5670	36.86	36.86	41.23	41.38	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	106	5530	77.08	77.08	82.40	81.92	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	122	5610	77.20	77.20	82.40	82.72	23.98	23.98	30.00	30.00	23.98	23.98	----	----

Band III MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 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	2	100	5500	17.28	17.13	22.90	22.45	23.34		29.34		23.98		----	----
11a	6Mbps	2	116	5580	17.28	17.23	23.00	22.40	23.36		29.36		23.98		----	----
11a	6Mbps	2	140	5700	17.38	17.13	23.20	22.60	23.34		29.34		23.98		----	----
HT20	MCS0	2	100	5500	18.28	18.03	23.05	22.80	23.56		29.56		23.98		----	----
HT20	MCS0	2	116	5580	18.28	18.08	23.15	22.95	23.57		29.57		23.98		----	----
HT20	MCS0	2	140	5700	18.43	18.08	23.40	22.80	23.57		29.57		23.98		----	----
HT40	MCS0	2	102	5510	36.86	36.66	41.14	41.02	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	36.96	36.86	41.30	47.35	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.96	36.86	41.47	40.90	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	77.08	76.96	83.04	82.40	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	77.44	76.84	110.17	81.32	23.98		30.00		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	14.89	16.44	25.75	26.30	22.73	23.16	28.73	29.16	23.98	23.98	3.15	3.15
HT20	MCS0	1	144	5720	15.04	17.09	28.85	29.73	22.77	23.33	28.77	29.33	23.98	23.98	3.8	3.75
HT40	MCS0	1	142	5710	37.58	44.57	62.71	66.07	23.98	23.98	30.00	30.00	23.98	23.98	3.18	3.18
VHT80	MCS0	1	138	5690	74.08	74.32	117.72	135.22	23.98	23.98	30.00	30.00	23.98	23.98	2.602	2.602

Band III straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 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	2	144	5720	13.64	13.64	16.55	16.20	22.35		28.35		23.10		3.15	3.15
HT20	MCS0	2	144	5720	14.14	14.09	16.55	16.65	22.49		28.49		23.19		3.75	3.75
HT40	MCS0	2	142	5710	34.38	37.78	62.35	61.99	23.98		30.00		23.98		3.18	3.18
VHT80	MCS0	2	138	5690	74.32	73.96	132.10	125.87	23.98		30.00		23.98		2.602	2.602

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	17.70	16.40		23.98	23.98	5.58	4.46	26.99	Pass
11a	6Mbps	1	116	5580	20.00	19.40		23.98	23.98	5.58	4.46	26.99	Pass
11a	6Mbps	1	140	5700	14.80	15.80		23.98	23.98	5.58	4.46	26.99	Pass
HT20	MCS0	1	100	5500	17.20	16.40		23.98	23.98	5.58	4.46	26.99	Pass
HT20	MCS0	1	116	5580	19.70	19.30		23.98	23.98	5.58	4.46	26.99	Pass
HT20	MCS0	1	140	5700	15.20	15.80		23.98	23.98	5.58	4.46	26.99	Pass
HT40	MCS0	1	102	5510	13.60	13.10		23.98	23.98	5.58	4.46	26.99	Pass
HT40	MCS0	1	110	5550	17.10	17.60		23.98	23.98	5.58	4.46	26.99	Pass
HT40	MCS0	1	134	5670	16.50	15.90		23.98	23.98	5.58	4.46	26.99	Pass
VHT20	MCS0	1	100	5500	17.10	16.30		23.98	23.98	5.58	4.46	26.99	Pass
VHT20	MCS0	1	116	5580	19.60	19.20		23.98	23.98	5.58	4.46	26.99	Pass
VHT20	MCS0	1	140	5700	15.10	15.70		23.98	23.98	5.58	4.46	26.99	Pass
VHT40	MCS0	1	102	5510	13.50	13.00		23.98	23.98	5.58	4.46	26.99	Pass
VHT40	MCS0	1	110	5550	17.00	17.50		23.98	23.98	5.58	4.46	26.99	Pass
VHT40	MCS0	1	134	5670	16.40	15.80		23.98	23.98	5.58	4.46	26.99	Pass
VHT80	MCS0	1	106	5530	10.60	10.80		23.98	23.98	5.58	4.46	26.99	Pass
VHT80	MCS0	1	122	5610	16.10	16.10		23.98	23.98	5.58	4.46	26.99	Pass

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	16.50	16.50	19.51	23.98		5.58		26.99	Pass
11a	6Mbps	2	116	5580	16.70	16.40	19.56	23.98		5.58		26.99	Pass
11a	6Mbps	2	140	5700	14.30	14.70	17.51	23.98		5.58		26.99	Pass
HT20	MCS0	2	100	5500	16.10	16.10	19.11	23.98		5.58		26.99	Pass
HT20	MCS0	2	116	5580	16.60	16.40	19.51	23.98		5.58		26.99	Pass
HT20	MCS0	2	140	5700	14.90	15.20	18.06	23.98		5.58		26.99	Pass
HT40	MCS0	2	102	5510	12.70	12.70	15.71	23.98		5.58		26.99	Pass
HT40	MCS0	2	110	5550	16.90	17.00	19.96	23.98		5.58		26.99	Pass
HT40	MCS0	2	134	5670	15.40	15.20	18.31	23.98		5.58		26.99	Pass
VHT20	MCS0	2	100	5500	16.00	16.00	19.01	23.98		5.58		26.99	Pass
VHT20	MCS0	2	116	5580	16.50	16.30	19.41	23.98		5.58		26.99	Pass
VHT20	MCS0	2	140	5700	14.80	15.10	17.96	23.98		5.58		26.99	Pass
VHT40	MCS0	2	102	5510	12.60	12.60	15.61	23.98		5.58		26.99	Pass
VHT40	MCS0	2	110	5550	16.80	16.90	19.86	23.98		5.58		26.99	Pass
VHT40	MCS0	2	134	5670	15.30	15.10	18.21	23.98		5.58		26.99	Pass
VHT80	MCS0	2	106	5530	9.10	9.20	12.16	23.98		5.58		26.99	Pass
VHT80	MCS0	2	122	5610	14.90	14.90	17.91	23.98		5.58		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	18.80	19.00		23.98	23.98	5.58	4.46	26.99	Pass
HT20	MCS0	1	144	5720	18.80	18.80		23.98	23.98	5.58	4.46	26.99	Pass
HT40	MCS0	1	142	5710	19.10	19.80		23.98	23.98	5.58	4.46	26.99	Pass
VHT20	MCS0	1	144	5720	18.70	18.70		23.98	23.98	5.58	4.46	26.99	Pass
VHT40	MCS0	1	142	5710	19.00	19.70		23.98	23.98	5.58	4.46	26.99	Pass
VHT80	MCS0	1	138	5690	18.90	19.40		23.98	23.98	5.58	4.46	26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	15.90	16.50	19.22	23.10		5.58		26.99	Pass
HT20	MCS0	2	144	5720	16.40	16.90	19.67	23.19		5.58		26.99	Pass
HT40	MCS0	2	142	5710	18.20	18.50	21.36	23.98		5.58		26.99	Pass
VHT20	MCS0	2	144	5720	16.30	16.80	19.57	23.98		5.58		26.99	Pass
VHT40	MCS0	2	142	5710	18.10	18.40	21.26	23.98		5.58		26.99	Pass
VHT80	MCS0	2	138	5690	17.80	18.20	21.01	23.98		5.58		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	7.13	5.59		11.00	11.00	5.58	4.46	Pass
11a	6Mbps	1	116	5580	9.23	8.83		11.00	11.00	5.58	4.46	Pass
11a	6Mbps	1	140	5700	3.79	4.94		11.00	11.00	5.58	4.46	Pass
HT20	MCS0	1	100	5500	6.60	5.62		11.00	11.00	5.58	4.46	Pass
HT20	MCS0	1	116	5580	9.26	8.48		11.00	11.00	5.58	4.46	Pass
HT20	MCS0	1	140	5700	4.09	4.70		11.00	11.00	5.58	4.46	Pass
HT40	MCS0	1	102	5510	-0.08	-0.63		11.00	11.00	5.58	4.46	Pass
HT40	MCS0	1	110	5550	3.54	3.77		11.00	11.00	5.58	4.46	Pass
HT40	MCS0	1	134	5670	2.93	2.10		11.00	11.00	5.58	4.46	Pass
VHT80	MCS0	1	106	5530	-6.25	-6.05		11.00	11.00	5.58	4.46	Pass
VHT80	MCS0	1	122	5610	-0.84	-0.71		11.00	11.00	5.58	4.46	Pass

Band III MIMO												
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	2	100	5500			8.42	8.95		8.05		Pass
11a	6Mbps	2	116	5580			8.87	8.95		8.05		Pass
11a	6Mbps	2	140	5700			6.84	8.95		8.05		Pass
HT20	MCS0	2	100	5500			8.15	8.95		8.05		Pass
HT20	MCS0	2	116	5580			8.72	8.95		8.05		Pass
HT20	MCS0	2	140	5700			6.96	8.95		8.05		Pass
HT40	MCS0	2	102	5510			1.71	8.95		8.05		Pass
HT40	MCS0	2	110	5550			5.98	8.95		8.05		Pass
HT40	MCS0	2	134	5670			4.49	8.95		8.05		Pass
VHT80	MCS0	2	106	5530			-4.62	8.95		8.05		Pass
VHT80	MCS0	2	122	5610			1.47	8.95		8.05		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	8.33	8.69		11.00	11.00	5.58	4.46	Pass
HT20	MCS0	1	144	5720	8.32	7.95		11.00	11.00	5.58	4.46	Pass
HT40	MCS0	1	142	5710	5.39	5.91		11.00	11.00	5.58	4.46	Pass
VHT80	MCS0	1	138	5690	2.66	3.07		11.00	11.00	5.58	4.46	Pass

Band III straddle channel MIMO												
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	2	144	5720			8.69	8.95		8.05		Pass
HT20	MCS0	2	144	5720			8.81	8.95		8.05		Pass
HT40	MCS0	2	142	5710			7.53	8.95		8.05		Pass
VHT80	MCS0	2	138	5690			4.56	8.95		8.05		Pass



Appendix B. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.2°C
		Relative Humidity :	48~60%

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5147.9	52.8	-21.2	74	41.01	31.8	10	30.01	250	116	P	H
		5149.26	43.75	-10.25	54	31.96	31.8	10	30.01	250	116	A	H
	*	5260	115.43	-	-	104.13	31.2	10.1	30	250	116	P	H
	*	5260	107.48	-	-	96.18	31.2	10.1	30	250	116	A	H
		5358.96	55.88	-18.12	74	44.55	31.15	10.18	30	250	116	P	H
		5351.28	46.17	-7.83	54	34.89	31.11	10.17	30	250	116	A	H
		5098.94	52.95	-21.05	74	41.22	31.8	9.94	30.01	294	71	P	V
		5148.92	43.35	-10.65	54	31.56	31.8	10	30.01	294	71	A	V
	*	5260	114.32	-	-	103.02	31.2	10.1	30	294	71	P	V
	*	5260	106.42	-	-	95.12	31.2	10.1	30	294	71	A	V
		5361.84	54.66	-19.34	74	43.31	31.17	10.18	30	294	71	P	V
		5352	44.73	-9.27	54	33.45	31.11	10.17	30	294	71	A	V
802.11a CH 60 5300MHz		5127.84	52.6	-21.4	74	40.84	31.8	9.97	30.01	256	107	P	H
		5141.44	42.87	-11.13	54	31.09	31.8	9.99	30.01	256	107	A	H
	*	5300	114.03	-	-	102.7	31.2	10.13	30	256	107	P	H
	*	5300	106.39	-	-	95.06	31.2	10.13	30	256	107	A	H
		5350.56	62.22	-11.78	74	50.95	31.1	10.17	30	256	107	P	H
		5350.56	53.06	-0.94	54	41.79	31.1	10.17	30	256	107	A	H
		5117.64	53.59	-20.41	74	41.84	31.8	9.96	30.01	273	66	P	V
		5141.1	42.54	-11.46	54	30.76	31.8	9.99	30.01	273	66	A	V
	*	5300	112.19	-	-	100.86	31.2	10.13	30	273	66	P	V
	*	5300	104.63	-	-	93.3	31.2	10.13	30	273	66	A	V
		5350.08	59.9	-14.1	74	48.63	31.1	10.17	30	273	66	P	V
		5350.32	51.23	-2.77	54	39.96	31.1	10.17	30	273	66	A	V



802.11a CH 64 5320MHz	*	5320	111.73	-	-	100.42	31.16	10.15	30	250	115	P	H
	*	5320	104.33	-	-	93.02	31.16	10.15	30	250	115	A	H
		5351.2	66.11	-7.89	74	54.83	31.11	10.17	30	250	115	P	H
		5350.08	53.26	-0.74	54	41.99	31.1	10.17	30	250	115	A	H
	*	5320	109.68	-	-	98.37	31.16	10.15	30	319	67	P	V
	*	5320	102.12	-	-	90.81	31.16	10.15	30	319	67	A	V
		5351.2	61.04	-12.96	74	49.76	31.11	10.17	30	319	67	P	V
		5350.24	50.42	-3.58	54	39.15	31.1	10.17	30	319	67	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	51.88	-16.32	68.2	58.74	39.7	14.54	61.1	100	0	P	H
		15780	47.11	-26.89	74	54.07	37.16	17.44	61.56	100	0	P	H
		18000	61.84	-12.16	74	51.7	49	19.04	57.9	100	31	P	H
		18000	51.47	-2.53	54	41.33	49	19.04	57.9	100	31	A	H
		10520	49.3	-18.9	68.2	56.16	39.7	14.54	61.1	100	0	P	V
		15780	46.74	-27.26	74	53.7	37.16	17.44	61.56	100	0	P	V
		18000	60.36	-13.64	74	50.22	49	19.04	57.9	100	19	P	V
		18000	49.15	-4.85	54	39.01	49	19.04	57.9	100	19	A	V
802.11a CH 60 5300MHz		10600	49.96	-24.04	74	56.78	39.7	14.58	61.1	100	0	P	H
		15900	45.9	-28.1	74	52.18	37.2	17.5	60.98	100	0	P	H
		18000	60.9	-13.1	74	50.76	49	19.04	57.9	100	29	P	H
		18000	50.68	-3.32	54	40.54	49	19.04	57.9	100	29	A	H
		10600	49.39	-24.61	74	56.21	39.7	14.58	61.1	100	0	P	V
		15900	47.23	-26.77	74	53.51	37.2	17.5	60.98	100	0	P	V
		17978	60.29	-13.71	74	50.59	48.6	19.03	57.93	100	18	P	V
		17978	50.07	-3.93	54	40.37	48.6	19.03	57.93	100	18	A	V
802.11a CH 64 5320MHz		10640	49.8	-24.2	74	56.52	39.78	14.6	61.1	100	0	P	H
		15960	46.62	-27.38	74	52.51	37.26	17.54	60.69	100	0	P	H
		18000	59.9	-14.1	74	49.76	49	19.04	57.9	100	31	P	H
		18000	49.78	-4.22	54	39.64	49	19.04	57.9	100	31	A	H
		10640	49.9	-24.1	74	56.62	39.78	14.6	61.1	400	0	P	V
		15960	46.27	-27.73	74	52.16	37.26	17.54	60.69	100	0	P	V
		18000	60.05	-13.95	74	49.91	49	19.04	57.9	100	19	P	V
		18000	49.88	-4.12	54	39.74	49	19.04	57.9	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 802.11n 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		5145.18	52.9	-21.1	74	41.12	31.8	9.99	30.01	269	117	P	H
		5148.24	43.99	-10.01	54	32.2	31.8	10	30.01	269	117	A	H
	*	5260	115.37	-	-	104.07	31.2	10.1	30	269	117	P	H
	*	5260	107.52	-	-	96.22	31.2	10.1	30	269	117	A	H
		5353.68	59.36	-14.64	74	48.07	31.12	10.17	30	269	117	P	H
		5350.08	46.42	-7.58	54	35.15	31.1	10.17	30	269	117	A	H
		5128.52	52.58	-21.42	74	40.82	31.8	9.97	30.01	345	79	P	V
		5147.22	43.5	-10.5	54	31.72	31.8	9.99	30.01	345	79	A	V
	*	5260	114.88	-	-	103.58	31.2	10.1	30	345	79	P	V
	*	5260	105.76	-	-	94.46	31.2	10.1	30	345	79	A	V
		5352.48	55.24	-18.76	74	43.96	31.11	10.17	30	345	79	P	V
		5350.08	44.52	-9.48	54	33.25	31.1	10.17	30	345	79	A	V
802.11n HT20 CH 60 5300MHz		5138.72	52.46	-21.54	74	40.68	31.8	9.99	30.01	262	118	P	H
		5079.22	43	-11	54	31.34	31.76	9.92	30.02	262	118	A	H
	*	5300	114.03	-	-	102.7	31.2	10.13	30	262	118	P	H
	*	5300	105.97	-	-	94.64	31.2	10.13	30	262	118	A	H
		5350.08	63.68	-10.32	74	52.41	31.1	10.17	30	262	118	P	H
		5350.08	53.04	-0.96	54	41.77	31.1	10.17	30	262	118	A	H
		5089.76	52.66	-21.34	74	40.96	31.78	9.93	30.01	272	67	P	V
		5141.44	42.41	-11.59	54	30.63	31.8	9.99	30.01	272	67	A	V
	*	5300	112.22	-	-	100.89	31.2	10.13	30	272	67	P	V
	*	5300	104.5	-	-	93.17	31.2	10.13	30	272	67	A	V
		5350.56	60.01	-13.99	74	48.74	31.1	10.17	30	272	67	P	V
		5350.08	51.42	-2.58	54	40.15	31.1	10.17	30	272	67	A	V



802.11n HT20 CH 64 5320MHz	*	5320	111.27	-	-	99.96	31.16	10.15	30	253	115	P	H
	*	5320	103.31	-	-	92	31.16	10.15	30	253	115	A	H
		5350.08	62.78	-11.22	74	51.51	31.1	10.17	30	253	115	P	H
		5350.56	51.48	-2.52	54	40.21	31.1	10.17	30	253	115	A	H
	*	5320	109.25	-	-	97.94	31.16	10.15	30	299	67	P	V
	*	5320	101.47	-	-	90.16	31.16	10.15	30	299	67	A	V
		5350.08	60.52	-13.48	74	49.25	31.1	10.17	30	299	67	P	V
		5351.36	49.69	-4.31	54	38.41	31.11	10.17	30	299	67	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	50.46	-17.74	68.2	57.32	39.7	14.54	61.1	100	0	P	H
		15780	46.19	-27.81	74	53.15	37.16	17.44	61.56	100	0	P	H
		18000	60.78	-13.22	74	50.64	49	19.04	57.9	100	19	P	H
		18000	50.72	-3.28	54	40.58	49	19.04	57.9	100	19	A	H
		10520	48.8	-19.4	68.2	55.66	39.7	14.54	61.1	100	0	P	V
		15780	47.48	-26.52	74	54.44	37.16	17.44	61.56	100	0	P	V
		18000	60.24	-13.76	74	50.1	49	19.04	57.9	100	33	P	V
		18000	50.2	-3.8	54	40.06	49	19.04	57.9	100	33	A	V
802.11n HT20 CH 60 5300MHz		10600	49.96	-24.04	74	56.78	39.7	14.58	61.1	100	0	P	H
		15900	47.11	-26.89	74	53.39	37.2	17.5	60.98	100	0	P	H
		17989	61.38	-12.62	74	51.46	48.8	19.03	57.91	100	32	P	H
		17989	51.21	-2.79	54	41.29	48.8	19.03	57.91	100	32	A	H
		10600	48.72	-25.28	74	55.54	39.7	14.58	61.1	100	0	P	V
		15900	46.38	-27.62	74	52.66	37.2	17.5	60.98	100	0	P	V
		18000	60.48	-13.52	74	50.34	49	19.04	57.9	100	23	P	V
		18000	50.3	-3.7	54	40.16	49	19.04	57.9	100	23	A	V
802.11n HT20 CH 64 5320MHz		10640	49.97	-24.03	74	56.69	39.78	14.6	61.1	100	0	P	H
		15960	47.12	-26.88	74	53.01	37.26	17.54	60.69	100	0	P	H
		17989	60.16	-13.84	74	50.24	48.8	19.03	57.91	100	29	P	H
		17989	50.1	-3.9	54	40.18	48.8	19.03	57.91	100	29	A	H
		10640	49.71	-24.29	74	56.43	39.78	14.6	61.1	100	0	P	V
		15960	46.86	-27.14	74	52.75	37.26	17.54	60.69	100	0	P	V
		17989	59.68	-14.32	74	49.76	48.8	19.03	57.91	100	17	P	V
		17989	49.56	-4.44	54	39.64	48.8	19.03	57.91	100	17	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		5145.18	52.83	-21.17	74	41.05	31.8	9.99	30.01	266	107	P	H
		5149.6	44.23	-9.77	54	32.44	31.8	10	30.01	266	107	A	H
	*	5270	108.57	-	-	97.26	31.2	10.11	30	266	107	P	H
	*	5270	99.99	-	-	88.68	31.2	10.11	30	266	107	A	H
		5360.4	59.09	-14.91	74	47.75	31.16	10.18	30	266	107	P	H
		5353.92	50.23	-3.77	54	38.94	31.12	10.17	30	266	107	A	H
		5146.2	54.24	-19.76	74	42.46	31.8	9.99	30.01	295	82	P	V
		5149.94	45.05	-8.95	54	33.26	31.8	10	30.01	295	82	A	V
	*	5270	110.18	-	-	98.87	31.2	10.11	30	295	82	P	V
	*	5270	102.02	-	-	90.71	31.2	10.11	30	295	82	A	V
		5350.32	60.03	-13.97	74	48.76	31.1	10.17	30	295	82	P	V
		5353.68	52.05	-1.95	54	40.76	31.12	10.17	30	295	82	A	V
802.11n HT40 CH 62 5310MHz		5140.42	52.07	-21.93	74	40.29	31.8	9.99	30.01	277	76	P	H
		5143.48	42.41	-11.59	54	30.63	31.8	9.99	30.01	277	76	A	H
	*	5310	99.2	-	-	87.88	31.18	10.14	30	277	76	P	H
	*	5310	92.03	-	-	80.71	31.18	10.14	30	277	76	A	H
		5350.32	56.09	-17.91	74	44.82	31.1	10.17	30	277	76	P	H
		5351.04	46.73	-7.27	54	35.45	31.11	10.17	30	277	76	A	H
		5136.68	51.93	-22.07	74	40.16	31.8	9.98	30.01	290	82	P	V
		5142.46	42.73	-11.27	54	30.95	31.8	9.99	30.01	290	82	A	V
	*	5310	105.9	-	-	94.58	31.18	10.14	30	290	82	P	V
	*	5310	97.48	-	-	86.16	31.18	10.14	30	290	82	A	V
		5352.72	60.63	-13.37	74	49.34	31.12	10.17	30	290	82	P	V
		5350.56	51.57	-2.43	54	40.3	31.1	10.17	30	290	82	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	49.44	-18.76	68.2	56.11	39.7	14.55	60.92	100	0	P	H
		15810	47.28	-26.72	74	54.05	37.11	17.45	61.33	100	0	P	H
		18000	60.69	-13.31	74	49.89	49	19.04	57.24	100	28	P	H
		18000	50.66	-3.34	54	39.86	49	19.04	57.24	100	28	A	H
		10540	47.72	-20.48	68.2	54.39	39.7	14.55	60.92	100	0	P	V
		15810	47.37	-26.63	74	54.14	37.11	17.45	61.33	100	0	P	V
		17988.9	60.63	-13.37	74	50.07	48.8	19.03	57.27	100	18	P	V
		17988.9	50.62	-3.38	54	40.06	48.8	19.03	57.27	100	18	A	V
802.11n HT40 CH 62 5310MHz		10620	49.48	-24.52	74	56.06	39.74	14.59	60.91	100	0	P	H
		15930	46.74	-27.26	74	52.86	37.23	17.53	60.88	100	0	P	H
		17988.9	60.2	-13.8	74	49.64	48.8	19.03	57.27	100	30	P	H
		17988.9	50.21	-3.79	54	39.65	48.8	19.03	57.27	100	30	A	H
		10620	49.48	-24.52	74	56.06	39.74	14.59	60.91	100	0	P	V
		15930	47.1	-26.9	74	53.22	37.23	17.53	60.88	100	0	P	V
		18000	61	-13	74	50.2	49	19.04	57.24	100	17	P	V
		18000	50.96	-3.04	54	40.16	49	19.04	57.24	100	17	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		5144.16	52.13	-21.87	74	40.35	31.8	9.99	30.01	269	103	P	H
		5146.2	43.77	-10.23	54	31.99	31.8	9.99	30.01	269	103	A	H
	*	5290	99.14	-	-	87.82	31.2	10.12	30	269	103	P	H
	*	5290	91.59	-	-	80.27	31.2	10.12	30	269	103	A	H
		5354.4	59.16	-14.84	74	47.86	31.13	10.17	30	269	103	P	H
		5351.52	49.28	-4.72	54	38	31.11	10.17	30	269	103	A	H
		5147.56	53.25	-20.75	74	41.47	31.8	9.99	30.01	311	77	P	V
		5147.56	44.84	-9.16	54	33.06	31.8	9.99	30.01	311	77	A	V
	*	5290	101.64	-	-	90.32	31.2	10.12	30	311	77	P	V
	*	5290	93.67	-	-	82.35	31.2	10.12	30	311	77	A	V
		5363.04	60.04	-13.96	74	48.68	31.18	10.18	30	311	77	P	V
		5351.52	52.12	-1.88	54	40.84	31.11	10.17	30	311	77	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	48.65	-19.55	68.2	55.3	39.7	14.57	60.92	100	0	P	H
		15870	47.66	-26.34	74	54.1	37.17	17.49	61.1	100	0	P	H
		18000	60.32	-13.68	74	49.52	49	19.04	57.24	100	29	P	H
		18000	50.38	-3.62	54	39.58	49	19.04	57.24	100	29	A	H
		10580	48.41	-19.79	68.2	55.06	39.7	14.57	60.92	100	0	P	V
		15870	47.07	-26.93	74	53.51	37.17	17.49	61.1	100	0	P	V
		18000	61.45	-12.55	74	50.65	49	19.04	57.24	100	19	P	V
		18000	51.44	-2.56	54	40.64	49	19.04	57.24	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 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5458.96	62.71	-11.29	74	50.84	31.6	10.26	29.99	253	116	P	H
		5469.04	65.3	-2.9	68.2	53.42	31.6	10.27	29.99	253	116	P	H
		5458.32	52.08	-1.92	54	40.21	31.6	10.26	29.99	253	116	A	H
	*	5500	110.91	-	-	99	31.6	10.3	29.99	253	116	P	H
	*	5500	103.48	-	-	91.57	31.6	10.3	29.99	253	116	A	H
		5451.76	60.71	-13.29	74	48.85	31.6	10.25	29.99	253	63	P	V
		5466	64.53	-3.67	68.2	52.65	31.6	10.27	29.99	253	63	P	V
		5458.48	51.32	-2.68	54	39.45	31.6	10.26	29.99	253	63	A	V
	*	5500	110.49	-	-	98.58	31.6	10.3	29.99	253	63	P	V
	*	5500	102.96	-	-	91.05	31.6	10.3	29.99	253	63	A	V
802.11a CH 116 5580MHz		5459.2	53.86	-20.14	74	41.99	31.6	10.26	29.99	244	113	P	H
		5464.72	54.14	-14.06	68.2	42.26	31.6	10.27	29.99	244	113	P	H
		5459.68	43.97	-10.03	54	32.1	31.6	10.26	29.99	244	113	A	H
	*	5580	113.56	-	-	101.69	31.56	10.36	30.05	244	113	P	H
	*	5580	105.54	-	-	93.67	31.56	10.36	30.05	244	113	A	H
		5741.06	51.68	-16.52	68.2	39.52	31.78	10.54	30.16	244	113	P	H
		5414.56	52.93	-21.07	74	41.25	31.46	10.22	30	259	59	P	V
		5463.28	52.53	-15.67	68.2	40.66	31.6	10.26	29.99	259	59	P	V
		5459.68	43.24	-10.76	54	31.37	31.6	10.26	29.99	259	59	A	V
	*	5580	113.06	-	-	101.19	31.56	10.36	30.05	259	59	P	V
	*	5580	105.04	-	-	93.17	31.56	10.36	30.05	259	59	A	V
		5739.485	50.83	-17.37	68.2	38.68	31.78	10.53	30.16	259	59	P	V



802.11a CH 140 5700MHz	*	5700	108.83	-	-	96.77	31.7	10.49	30.13	251	97	P	H
	*	5700	101.33	-	-	89.27	31.7	10.49	30.13	251	97	A	H
		5725.64	65.62	-2.58	68.2	53.5	31.75	10.52	30.15	251	97	P	H
	*	5700	108.34	-	-	96.28	31.7	10.49	30.13	281	81	P	V
	*	5700	100.86	-	-	88.8	31.7	10.49	30.13	281	81	A	V
		5725.8	64.65	-3.55	68.2	52.53	31.75	10.52	30.15	281	81	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	49.62	-24.38	74	55.53	40.4	14.79	61.1	100	0	P	H
		16500	47.55	-20.65	68.2	50.11	38.9	17.94	59.4	100	0	P	H
		18000	60.9	-13.1	74	50.76	49	19.04	57.9	100	30	P	H
		18000	50.56	-3.44	54	40.42	49	19.04	57.9	100	30	A	H
		11000	49.97	-24.03	74	55.88	40.4	14.79	61.1	100	0	P	V
		16500	48.42	-19.78	68.2	50.98	38.9	17.94	59.4	100	0	P	V
		18000	61.15	-12.85	74	51.01	49	19.04	57.9	100	18	P	V
		18000	51.02	-2.98	54	40.88	49	19.04	57.9	100	18	A	V
802.11a CH 116 5580MHz		11160	49.65	-24.35	74	55.86	39.96	14.87	61.04	100	0	P	H
		16740	50.67	-17.53	68.2	51.87	39.94	18.12	59.26	100	0	P	H
		17989	59.98	-14.02	74	50.06	48.8	19.03	57.91	100	29	P	H
		17989	49.74	-4.26	54	39.82	48.8	19.03	57.91	100	29	A	H
		11160	48.95	-25.05	74	55.16	39.96	14.87	61.04	100	0	P	V
		16740	51.84	-16.36	68.2	53.04	39.94	18.12	59.26	100	0	P	V
		17978	60.87	-13.13	74	51.17	48.6	19.03	57.93	100	20	P	V
		17978	50.89	-3.11	54	41.19	48.6	19.03	57.93	100	20	A	V
802.11a CH 140 5700MHz		11400	48.82	-25.18	74	54.77	40	14.99	60.94	100	0	P	H
		17100	50.75	-17.45	68.2	50.75	40.6	18.38	58.98	100	0	P	H
		17989	60.18	-13.82	74	50.26	48.8	19.03	57.91	100	33	P	H
		17989	50.1	-3.9	54	40.18	48.8	19.03	57.91	100	33	A	H
		11400	48.83	-25.17	74	54.78	40	14.99	60.94	100	0	P	V
		17100	50.41	-17.79	68.2	50.41	40.6	18.38	58.98	100	0	P	V
		18000	61.22	-12.78	74	51.08	49	19.04	57.9	100	22	P	V
		18000	51.14	-2.86	54	41	49	19.04	57.9	100	22	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		5460.08	61.95	-6.25	68.2	50.08	31.6	10.26	29.99	252	123	P	H
		5467.76	65.7	-2.5	68.2	53.82	31.6	10.27	29.99	252	123	P	H
		5459.44	51.33	-2.67	54	39.46	31.6	10.26	29.99	252	123	A	H
	*	5500	111.75	-	-	99.84	31.6	10.3	29.99	252	123	P	H
	*	5500	103.27	-	-	91.36	31.6	10.3	29.99	252	123	A	H
		5459.6	59.95	-14.05	74	48.08	31.6	10.26	29.99	253	57	P	V
		5467.6	63.46	-4.74	68.2	51.58	31.6	10.27	29.99	253	57	P	V
		5459.44	50.12	-3.88	54	38.25	31.6	10.26	29.99	253	57	A	V
	*	5500	110.68	-	-	98.77	31.6	10.3	29.99	253	57	P	V
	*	5500	102.2	-	-	90.29	31.6	10.3	29.99	253	57	A	V
802.11n HT20 CH 116 5580MHz		5419.6	53.98	-20.02	74	42.26	31.48	10.23	29.99	250	111	P	H
		5470	54.6	-13.6	68.2	42.72	31.6	10.27	29.99	250	111	P	H
		5459.44	44.44	-9.56	54	32.57	31.6	10.26	29.99	250	111	A	H
	*	5580	115.03	-	-	103.16	31.56	10.36	30.05	250	111	P	H
	*	5580	106.23	-	-	94.36	31.56	10.36	30.05	250	111	A	H
		5740.745	52.07	-16.13	68.2	39.92	31.78	10.53	30.16	250	111	P	H
		5402.08	53.19	-20.81	74	41.57	31.41	10.21	30	326	87	P	V
		5467.36	52.95	-15.25	68.2	41.07	31.6	10.27	29.99	326	87	P	V
		5459.44	43.36	-10.64	54	31.49	31.6	10.26	29.99	326	87	A	V
	*	5580	115.03	-	-	103.16	31.56	10.36	30.05	326	87	P	V
	*	5580	106.23	-	-	94.36	31.56	10.36	30.05	326	87	A	V
		5732.24	52.62	-15.58	68.2	40.49	31.76	10.53	30.16	326	87	P	V



802.11n HT20 CH 140 5700MHz	*	5700	108.33	-	-	96.27	31.7	10.49	30.13	250	95	P	H
	*	5700	99.99	-	-	87.93	31.7	10.49	30.13	250	95	A	H
		5725.16	67.13	-1.07	68.2	55.01	31.75	10.52	30.15	250	95	P	H
	*	5700	109.7	-	-	97.64	31.7	10.49	30.13	350	90	P	V
	*	5700	101.87	-	-	89.81	31.7	10.49	30.13	350	90	A	V
		5725	66.48	-1.72	68.2	54.36	31.75	10.52	30.15	350	90	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	49.95	-24.05	74	55.86	40.4	14.79	61.1	100	0	P	H
		16500	48.16	-20.04	68.2	50.72	38.9	17.94	59.4	100	0	P	H
		17989	59.93	-14.07	74	50.01	48.8	19.03	57.91	100	30	P	H
		17989	49.83	-4.17	54	39.91	48.8	19.03	57.91	100	30	A	H
		11000	49.64	-24.36	74	55.55	40.4	14.79	61.1	100	0	P	V
		16500	48.23	-19.97	68.2	50.79	38.9	17.94	59.4	100	0	P	V
		18000	60.38	-13.62	74	50.24	49	19.04	57.9	100	23	P	V
		18000	50.3	-3.7	54	40.16	49	19.04	57.9	100	23	A	V
802.11n HT20 CH 116 5580MHz		11160	48.91	-25.09	74	55.12	39.96	14.87	61.04	100	0	P	H
		16740	50.67	-17.53	68.2	51.87	39.94	18.12	59.26	100	0	P	H
		18000	59.87	-14.13	74	49.73	49	19.04	57.9	100	22	P	H
		18000	50.01	-3.99	54	39.87	49	19.04	57.9	100	22	A	H
		11160	49.34	-24.66	74	55.55	39.96	14.87	61.04	100	0	P	V
		16740	49.88	-18.32	68.2	51.08	39.94	18.12	59.26	100	0	P	V
		17989	59.96	-14.04	74	50.04	48.8	19.03	57.91	100	25	P	V
		17989	49.91	-4.09	54	39.99	48.8	19.03	57.91	100	25	A	V
802.11n HT20 CH 140 5700MHz		11400	48.41	-25.59	74	54.36	40	14.99	60.94	100	0	P	H
		17100	50.62	-17.58	68.2	50.62	40.6	18.38	58.98	100	0	P	H
		17989	60.06	-13.94	74	50.14	48.8	19.03	57.91	100	35	P	H
		17989	50.54	-3.46	54	40.62	48.8	19.03	57.91	100	35	A	H
		11400	48.35	-25.65	74	54.3	40	14.99	60.94	100	0	P	V
		17100	50.91	-17.29	68.2	50.91	40.6	18.38	58.98	100	0	P	V
		17989	60.08	-13.92	74	50.16	48.8	19.03	57.91	100	21	P	V
		17989	49.78	-4.22	54	39.86	48.8	19.03	57.91	100	21	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		5458.54	59.15	-14.85	74	47.28	31.6	10.26	29.99	100	98	P	H
		5468.26	63.69	-4.51	68.2	51.81	31.6	10.27	29.99	100	98	P	H
		5452.6	49.81	-4.19	54	37.95	31.6	10.25	29.99	100	98	A	H
	*	5510	102.63	-	-	90.75	31.58	10.3	30	100	98	P	H
	*	5510	95.3	-	-	83.42	31.58	10.3	30	100	98	A	H
		5736.335	49.95	-18.25	68.2	37.81	31.77	10.53	30.16	100	98	P	H
		5459.89	63.72	-10.28	74	51.85	31.6	10.26	29.99	296	72	P	V
		5469.07	65.78	-2.42	68.2	53.9	31.6	10.27	29.99	296	72	P	V
		5452.33	52.47	-1.53	54	40.61	31.6	10.25	29.99	296	72	A	V
	*	5510	106.95	-	-	95.07	31.58	10.3	30	296	72	P	V
	*	5510	98.59	-	-	86.71	31.58	10.3	30	296	72	A	V
		5759.33	49.67	-18.53	68.2	37.49	31.8	10.56	30.18	296	72	P	V
802.11n HT40 CH 110 5550MHz		5459.08	57.14	-16.86	74	45.27	31.6	10.26	29.99	100	89	P	H
		5466.64	59.88	-8.32	68.2	48	31.6	10.27	29.99	100	89	P	H
		5452.33	49.6	-4.4	54	37.74	31.6	10.25	29.99	100	89	A	H
	*	5550	106.77	-	-	94.96	31.5	10.34	30.03	100	89	P	H
	*	5550	98.57	-	-	86.76	31.5	10.34	30.03	100	89	A	H
		5755.55	50.42	-17.78	68.2	38.24	31.8	10.55	30.17	100	89	P	H
		5459.35	60.19	-13.81	74	48.32	31.6	10.26	29.99	311	72	P	V
		5466.91	62.15	-6.05	68.2	50.27	31.6	10.27	29.99	311	72	P	V
		5452.33	52.58	-1.42	54	40.72	31.6	10.25	29.99	311	72	A	V
	*	5550	109.78	-	-	97.97	31.5	10.34	30.03	311	72	P	V
	*	5550	101.95	-	-	90.14	31.5	10.34	30.03	311	72	A	V
		5730.98	51.11	-17.09	68.2	38.99	31.76	10.52	30.16	311	72	P	V



802.11n HT40 CH 134 5670MHz		5451.01	50.59	-23.41	74	38.73	31.6	10.25	29.99	100	112	P	H
		5466.55	50.31	-17.89	68.2	38.43	31.6	10.27	29.99	100	112	P	H
		5416.6	41.6	-12.4	54	29.91	31.47	10.22	30	100	112	A	H
	*	5670	105.11	-	-	93.06	31.7	10.46	30.11	100	112	P	H
	*	5670	97.89	-	-	85.84	31.7	10.46	30.11	100	112	A	H
		5725.1	64.86	-3.34	68.2	52.74	31.75	10.52	30.15	100	112	P	H
		5455.45	51.87	-22.13	74	40	31.6	10.26	29.99	346	71	P	V
		5467.29	50.4	-17.8	68.2	38.52	31.6	10.27	29.99	346	71	P	V
		5439.17	42.51	-11.49	54	30.7	31.56	10.24	29.99	346	71	A	V
	*	5670	108.36	-	-	96.31	31.7	10.46	30.11	346	71	P	V
	*	5670	100.71	-	-	88.66	31.7	10.46	30.11	346	71	A	V
		5725.975	64.99	-3.21	68.2	52.87	31.75	10.52	30.15	346	71	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	49.51	-24.49	74	55.21	40.36	14.8	60.86	100	0	P	H
		16530	49.41	-18.79	68.2	51.15	38.87	17.96	58.57	100	0	P	H
		18000	60.73	-13.27	74	49.93	49	19.04	57.24	100	27	P	H
		18000	50.48	-3.52	54	39.68	49	19.04	57.24	100	27	A	H
		11020	49.87	-24.13	74	55.57	40.36	14.8	60.86	100	0	P	V
		16530	49.28	-18.92	68.2	51.02	38.87	17.96	58.57	100	0	P	V
		18000	60.83	-13.17	74	50.03	49	19.04	57.24	100	51	P	V
		18000	50.39	-3.61	54	39.59	49	19.04	57.24	100	51	A	V
802.11n HT40 CH 110 5550MHz		11100	49.01	-24.99	74	54.83	40.2	14.84	60.86	100	0	P	H
		16650	50.31	-17.89	68.2	51.61	39.25	18.05	58.6	100	0	P	H
		18000	60.87	-13.13	74	50.07	49	19.04	57.24	100	32	P	H
		18000	50.38	-3.62	54	39.58	49	19.04	57.24	100	32	A	H
		11100	49.53	-24.47	74	55.35	40.2	14.84	60.86	100	0	P	V
		16650	49.88	-18.32	68.2	51.18	39.25	18.05	58.6	100	0	P	V
		18000	61.39	-12.61	74	50.59	49	19.04	57.24	100	38	P	V
		18000	50.67	-3.33	54	39.87	49	19.04	57.24	100	38	A	V
802.11n HT40 CH 134 5670MHz		11340	48.82	-25.18	74	54.79	39.94	14.96	60.87	100	0	P	H
		17010	51.18	-17.02	68.2	50.95	40.6	18.32	58.69	100	0	P	H
		18000	60.1	-13.9	74	49.3	49	19.04	57.24	100	39	P	H
		18000	50.48	-3.52	54	39.68	49	19.04	57.24	100	39	A	H
		11340	48.94	-25.06	74	54.91	39.94	14.96	60.87	100	0	P	V
		17010	52.22	-15.98	68.2	51.99	40.6	18.32	58.69	100	0	P	V
		18000	60.37	-13.63	74	49.57	49	19.04	57.24	100	24	P	V
		18000	50.66	-3.34	54	39.86	49	19.04	57.24	100	24	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		5451.52	58.6	-15.4	74	46.74	31.6	10.25	29.99	100	91	P	H
		5464.75	59.57	-8.63	68.2	47.69	31.6	10.27	29.99	100	91	P	H
		5459.89	50.47	-3.53	54	38.6	31.6	10.26	29.99	100	91	A	H
	*	5530	97.48	-	-	85.63	31.54	10.32	30.01	100	91	P	H
	*	5530	89.38	-	-	77.53	31.54	10.32	30.01	100	91	A	H
		5729.09	50.29	-17.91	68.2	38.16	31.76	10.52	30.15	100	91	P	H
		5456.38	62.7	-11.3	74	50.83	31.6	10.26	29.99	331	71	P	V
		5464.21	63.11	-5.09	68.2	51.24	31.6	10.26	29.99	331	71	P	V
		5458.54	53.01	-0.99	54	41.14	31.6	10.26	29.99	331	71	A	V
	*	5530	101.27	-	-	89.42	31.54	10.32	30.01	331	71	P	V
	*	5530	93.27	-	-	81.42	31.54	10.32	30.01	331	71	A	V
		5746.415	50.42	-17.78	68.2	38.26	31.79	10.54	30.17	331	71	P	V
802.11ac VHT80 CH 122 5610MHz		5459.08	57.81	-16.19	74	45.94	31.6	10.26	29.99	100	131	P	H
		5469.61	59.72	-8.48	68.2	47.84	31.6	10.27	29.99	100	131	P	H
		5457.46	48.67	-5.33	54	36.8	31.6	10.26	29.99	100	131	A	H
	*	5610	103.96	-	-	92.02	31.62	10.39	30.07	100	131	A	H
	*	5610	95.17	-	-	83.23	31.62	10.39	30.07	100	131	A	H
		5729.72	59.91	-8.29	68.2	47.79	31.76	10.52	30.16	100	131	P	H
		5456.38	62.19	-11.81	74	50.32	31.6	10.26	29.99	322	72	P	V
		5466.37	63.57	-4.63	68.2	51.69	31.6	10.27	29.99	322	72	P	V
		5458.81	53.09	-0.91	54	41.22	31.6	10.26	29.99	322	72	A	V
	*	5610	106.99	-	-	95.05	31.62	10.39	30.07	322	72	P	V
	*	5610	98.36	-	-	86.42	31.62	10.39	30.07	322	72	A	V
		5731.295	60.96	-7.24	68.2	48.84	31.76	10.52	30.16	322	72	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	49.85	-24.15	74	55.61	40.28	14.82	60.86	100	0	P	H
		16590	49.32	-18.88	68.2	51.09	38.81	18.01	58.59	100	0	P	H
		18000	60.54	-13.46	74	49.74	49	19.04	57.24	100	47	P	H
		18000	50.39	-3.61	54	39.59	49	19.04	57.24	100	47	A	H
		11059	49.84	-24.16	74	55.61	40.28	14.81	60.86	100	0	P	V
		16590	49.62	-18.58	68.2	51.39	38.81	18.01	58.59	100	0	P	V
		17989	60.37	-13.63	74	49.81	48.8	19.03	57.27	100	64	P	V
		17989	50.43	-3.57	54	39.87	48.8	19.03	57.27	100	64	A	V
802.11ac VHT80 CH 122 5610MHz		11220	49.09	-24.91	74	55.23	39.82	14.9	60.86	100	0	P	H
		16830	50.86	-17.34	68.2	51	40.33	18.18	58.65	100	0	P	H
		17989	59.85	-14.15	74	49.29	48.8	19.03	57.27	100	28	P	H
		17989	50.43	-3.57	54	39.87	48.8	19.03	57.27	100	28	A	H
		11220	49.16	-24.84	74	55.3	39.82	14.9	60.86	100	0	P	V
		16830	51.68	-16.52	68.2	51.82	40.33	18.18	58.65	100	0	P	V
		18000	60.28	-13.72	74	49.48	49	19.04	57.24	100	40	P	V
		18000	50.39	-3.61	54	39.59	49	19.04	57.24	100	40	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	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)
802.11a CH 144 5720MHz		5403.43	51.07	-22.93	74	39.45	31.41	10.21	30	234	94	P	H
		5469.34	50.86	-17.34	68.2	38.98	31.6	10.27	29.99	234	94	P	H
		5403.43	41.73	-12.27	54	30.11	31.41	10.21	30	234	94	A	H
	*	5720	113.5	-	-	101.4	31.74	10.51	30.15	234	94	P	H
	*	5720	105.53	-	-	93.43	31.74	10.51	30.15	234	94	A	H
		5892.5	53.05	-15.15	68.2	40.58	32.08	10.66	30.27	234	94	P	H
		5440.87	51.19	-22.81	74	39.38	31.56	10.24	29.99	322	81	P	V
		5463.88	50.38	-17.82	68.2	38.51	31.6	10.26	29.99	322	81	P	V
		5406.16	41.97	-12.03	54	30.33	31.42	10.22	30	322	81	A	V
	*	5720	113.45	-	-	101.35	31.74	10.51	30.15	322	81	P	V
	*	5720	105.61	-	-	93.51	31.74	10.51	30.15	322	81	A	V
		5857.5	52.03	-16.17	68.2	39.63	32.01	10.64	30.25	322	81	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	49.33	-24.67	74	55.2	40.04	15.01	60.92	100	0	P	H
		17160	51.89	-16.31	68.2	51.65	40.72	18.43	58.91	100	0	P	H
		18000	60.25	-13.75	74	50.11	49	19.04	57.9	100	31	P	H
		18000	50.37	-3.63	54	40.23	49	19.04	57.9	100	31	A	H
		11440	49.23	-24.77	74	55.1	40.04	15.01	60.92	100	0	P	V
		17160	51.3	-16.9	68.2	51.06	40.72	18.43	58.91	100	0	P	V
		18000	60.3	-13.7	74	50.16	49	19.04	57.9	100	19	P	V
		18000	50.25	-3.75	54	40.11	49	19.04	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 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		5399.53	52.18	-21.82	74	40.57	31.4	10.21	30	250	96	P	H
		5461.54	51.65	-16.55	68.2	39.78	31.6	10.26	29.99	250	96	P	H
		5403.82	42.33	-11.67	54	30.7	31.42	10.21	30	250	96	A	H
	*	5720	114.61	-	-	102.51	31.74	10.51	30.15	250	96	P	H
	*	5720	106.26	-	-	94.16	31.74	10.51	30.15	250	96	A	H
		5931.25	52.64	-15.56	68.2	40.09	32.16	10.69	30.3	250	96	P	H
		5397.58	53.72	-20.28	74	42.12	31.39	10.21	30	356	87	P	V
		5461.15	50.71	-17.49	68.2	38.84	31.6	10.26	29.99	356	87	P	V
		5406.94	42.24	-11.76	54	30.59	31.43	10.22	30	356	87	A	V
	*	5720	114.08	-	-	101.98	31.74	10.51	30.15	356	87	P	V
	*	5720	106.1	-	-	94	31.74	10.51	30.15	356	87	A	V
		5852.75	53.01	-15.19	68.2	40.6	32.01	10.64	30.24	356	87	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	47.95	-26.05	74	53.82	40.04	15.01	60.92	100	0	P	H
		17160	51.68	-16.52	68.2	51.44	40.72	18.43	58.91	100	0	P	H
		18000	59.3	-14.7	74	49.16	49	19.04	57.9	100	25	P	H
		18000	50.06	-3.94	54	39.92	49	19.04	57.9	100	25	A	H
		11440	47.55	-26.45	74	53.42	40.04	15.01	60.92	100	0	P	V
		17160	51.72	-16.48	68.2	51.48	40.72	18.43	58.91	100	0	P	V
		18000	59.86	-14.14	74	49.72	49	19.04	57.9	100	31	P	V
		18000	50.26	-3.74	54	40.12	49	19.04	57.9	100	31	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		5400.7	51.41	-22.59	74	39.8	31.4	10.21	30	268	99	P	H
		5462.32	50.75	-17.45	68.2	38.88	31.6	10.26	29.99	268	99	P	H
		5453.74	42.8	-11.2	54	30.93	31.6	10.26	29.99	268	99	A	H
	*	5710	108.19	-	-	96.11	31.72	10.5	30.14	268	99	A	H
	*	5710	98.5	-	-	86.42	31.72	10.5	30.14	268	99	P	H
		5855	56.56	-11.64	68.2	44.16	32.01	10.64	30.25	268	99	P	H
		5433.46	51.88	-22.12	74	40.1	31.53	10.24	29.99	291	59	P	V
		5463.88	51.14	-17.06	68.2	39.27	31.6	10.26	29.99	291	59	P	V
		5458.03	43.72	-10.28	54	31.85	31.6	10.26	29.99	291	59	A	V
	*	5710	111.1	-	-	99.02	31.72	10.5	30.14	291	59	P	V
	*	5710	103	-	-	90.92	31.72	10.5	30.14	291	59	A	V
		5850.75	56.04	-12.16	68.2	43.64	32	10.64	30.24	291	59	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	49.28	-24.72	74	55.13	40.02	15	60.87	100	0	P	H
		17130	51.02	-17.18	68.2	50.58	40.66	18.4	58.62	100	0	P	H
		18000	60.79	-13.21	74	49.99	49	19.04	57.24	100	32	P	H
		18000	50.46	-3.54	54	39.66	49	19.04	57.24	100	32	A	H
		11420	49.91	-24.09	74	55.76	40.02	15	60.87	100	0	P	V
		17130	50.9	-17.3	68.2	50.46	40.66	18.4	58.62	100	0	P	V
		17989	61.49	-12.51	74	50.93	48.8	19.03	57.27	100	47	P	V
		17989	50.2	-3.8	54	39.64	48.8	19.03	57.27	100	47	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		5450.23	57.62	-16.38	74	45.76	31.6	10.25	29.99	270	99	P	H
		5466.61	56.64	-11.56	68.2	44.76	31.6	10.27	29.99	270	99	P	H
		5452.57	48.68	-5.32	54	36.82	31.6	10.25	29.99	270	99	A	H
	*	5690	104.92	-	-	92.87	31.7	10.48	30.13	270	99	P	H
	*	5690	96.97	-	-	84.92	31.7	10.48	30.13	270	99	A	H
		5855.25	64.21	-3.99	68.2	51.81	32.01	10.64	30.25	270	99	P	H
		5448.67	59.3	-14.7	74	47.45	31.59	10.25	29.99	311	61	P	V
		5463.49	58.79	-9.41	68.2	46.92	31.6	10.26	29.99	311	61	P	V
		5452.18	51.16	-2.84	54	39.3	31.6	10.25	29.99	311	61	A	V
	*	5690	107.58	-	-	95.53	31.7	10.48	30.13	311	61	P	V
	*	5690	99.97	-	-	87.92	31.7	10.48	30.13	311	61	A	V
		5858.75	62.25	-5.95	68.2	49.84	32.02	10.64	30.25	311	61	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	49.98	-24.02	74	55.89	39.98	14.98	60.87	100	0	P	H
		17070	51.43	-16.77	68.2	51.13	40.6	18.36	58.66	100	0	P	H
		17989	60.37	-13.63	74	49.81	48.8	19.03	57.27	100	55	P	H
		17989	50.36	-3.64	54	39.8	48.8	19.03	57.27	100	55	A	H
		11380	48.38	-25.62	74	54.29	39.98	14.98	60.87	100	0	P	V
		17070	50.86	-17.34	68.2	50.56	40.6	18.36	58.66	100	0	P	V
		18000	61.22	-12.78	74	50.42	49	19.04	57.24	100	33	P	V
		18000	50.48	-3.52	54	39.68	49	19.04	57.24	100	33	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Emission above 18GHz****WIFI 802.11a (SHF @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a SHF		22352	40.21	-33.79	74	43.62	38.89	12.26	54.56	150	0	P	H
		35436	44.94	-23.26	68.2	43.07	41.94	18.6	58.67	150	0	P	H
		21982	39.18	-29.02	68.2	43.34	38.4	12.14	54.7	150	0	P	V
		36656	45.5	-22.7	68.2	41.6	43.33	18.81	58.24	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

**Emission below 1GHz****WIFI 802.11a (LF @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a LF		73.65	26.64	-13.36	40	45.36	12.6	1.2	32.52	-	-	P	H
		131.85	27.5	-16	43.5	40.83	17.55	1.64	32.52	-	-	P	H
		158.04	24.89	-18.61	43.5	38.97	16.62	1.8	32.5	-	-	P	H
		250.19	21.74	-24.26	46	33.46	18.4	2.28	32.4	-	-	P	H
		565.44	29.89	-16.11	46	33.06	26.14	3.27	32.58	-	-	P	H
		736.16	35.84	-10.16	46	36.98	27.62	3.69	32.45	100	0	P	H
		74.62	30.53	-9.47	40	49.12	12.7	1.22	32.51	-	-	P	V
		129.91	28.02	-15.48	43.5	41.38	17.55	1.62	32.53	-	-	P	V
		565.44	33.61	-12.39	46	36.78	26.14	3.27	32.58	-	-	P	V
		613.94	31.3	-14.7	46	34.91	25.4	3.41	32.42	-	-	P	V
		663.41	30.14	-15.86	46	32.8	26.21	3.51	32.38	-	-	P	V
		736.16	38.34	-7.66	46	39.48	27.62	3.69	32.45	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5092.14	54.75	-19.25	74	43.04	31.78	9.94	30.01	266	296	P	H
		5098.94	46.65	-7.35	54	34.92	31.8	9.94	30.01	266	296	A	H
	*	5260	114.14	-	-	102.84	31.2	10.1	30	266	296	P	H
	*	5260	106.27	-	-	94.97	31.2	10.1	30	266	296	A	H
		5423.04	55.66	-18.34	74	43.93	31.49	10.23	29.99	266	296	P	H
		5418	46.47	-7.53	54	34.76	31.47	10.23	29.99	266	296	A	H
		5107.1	52.73	-21.27	74	40.99	31.8	9.95	30.01	280	286	P	V
		5097.92	45.41	-8.59	54	33.68	31.8	9.94	30.01	280	286	A	V
	*	5260	113.8	-	-	102.5	31.2	10.1	30	280	286	P	V
	*	5260	105.95	-	-	94.65	31.2	10.1	30	280	286	A	V
		5424.24	55.92	-18.08	74	44.18	31.5	10.23	29.99	280	286	P	V
		5418	47.72	-6.28	54	36.01	31.47	10.23	29.99	280	286	A	V
802.11a CH 60 5300MHz		5134.98	54.47	-19.53	74	42.7	31.8	9.98	30.01	264	255	P	H
		5138.72	44.45	-9.55	54	32.67	31.8	9.99	30.01	264	255	A	H
	*	5300	113.22	-	-	101.89	31.2	10.13	30	264	255	P	H
	*	5300	105.47	-	-	94.14	31.2	10.13	30	264	255	A	H
		5359.92	61.84	-12.16	74	50.5	31.16	10.18	30	264	255	P	H
		5350.08	52.16	-1.84	54	40.89	31.1	10.17	30	264	255	A	H
		5138.72	53.78	-20.22	74	42	31.8	9.99	30.01	337	280	P	V
		5141.44	43.89	-10.11	54	32.11	31.8	9.99	30.01	337	280	A	V
	*	5300	112.22	-	-	100.89	31.2	10.13	30	337	280	P	V
	*	5300	104.54	-	-	93.21	31.2	10.13	30	337	280	A	V
		5359.44	61.71	-12.29	74	50.37	31.16	10.18	30	337	280	P	V
		5350.32	51.64	-2.36	54	40.37	31.1	10.17	30	337	280	A	V



802.11a CH 64 5320MHz	*	5320	110.59	-	-	99.28	31.16	10.15	30	251	256	P	H
	*	5320	103.02	-	-	91.71	31.16	10.15	30	251	256	A	H
		5350.08	61.98	-12.02	74	50.71	31.1	10.17	30	251	256	P	H
		5350.08	52.69	-1.31	54	41.42	31.1	10.17	30	251	256	A	H
	*	5320	110.25	-	-	98.94	31.16	10.15	30	259	287	P	V
	*	5320	102.71	-	-	91.4	31.16	10.15	30	259	287	A	V
		5351.52	64.1	-9.9	74	52.82	31.11	10.17	30	259	287	P	V
		5350.08	52.36	-1.64	54	41.09	31.1	10.17	30	259	287	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	52.64	-15.56	68.2	59.5	39.7	14.54	61.1	100	0	P	H
		15780	47.82	-26.18	74	54.78	37.16	17.44	61.56	100	0	P	H
		18000	59.16	-14.84	74	49.02	49	19.04	57.9	100	55	P	H
		18000	50.34	-3.66	54	40.2	49	19.04	57.9	100	55	A	H
		10520	52.78	-15.42	68.2	59.64	39.7	14.54	61.1	100	0	P	V
		15780	47.18	-26.82	74	54.14	37.16	17.44	61.56	100	0	P	V
		18000	59.52	-14.48	74	49.38	49	19.04	57.9	100	36	P	V
		18000	50.11	-3.89	54	39.97	49	19.04	57.9	100	36	A	V
802.11a CH 60 5300MHz		10600	57.42	-16.58	74	64.24	39.7	14.58	61.1	222	207	P	H
		10600	48.01	-5.99	54	54.83	39.7	14.58	61.1	222	207	A	H
		15900	46.25	-27.75	74	52.53	37.2	17.5	60.98	100	0	P	H
		18000	60.07	-13.93	74	49.93	49	19.04	57.9	100	32	P	H
		18000	49.89	-4.11	54	39.75	49	19.04	57.9	100	32	A	H
		10600	55.23	-18.77	74	62.05	39.7	14.58	61.1	300	251	P	V
		10600	45.19	-8.81	54	52.01	39.7	14.58	61.1	300	251	A	V
		15900	46.81	-27.19	74	53.09	37.2	17.5	60.98	100	0	P	V
		17989	59.11	-14.89	74	49.19	48.8	19.03	57.91	100	67	P	V
		17989	50.02	-3.98	54	40.1	48.8	19.03	57.91	100	67	A	V
802.11a CH 64 5320MHz		10640	49.93	-24.07	74	56.65	39.78	14.6	61.1	100	0	P	H
		15960	46.9	-27.1	74	52.79	37.26	17.54	60.69	100	0	P	H
		17989	59.58	-14.42	74	49.66	48.8	19.03	57.91	100	31	P	H
		17989	50.16	-3.84	54	40.24	48.8	19.03	57.91	100	31	A	H
		10640	49.56	-24.44	74	56.28	39.78	14.6	61.1	100	0	P	V
		15960	46.38	-27.62	74	52.27	37.26	17.54	60.69	100	0	P	V
		18000	60.51	-13.49	74	50.37	49	19.04	57.9	100	55	P	V
		18000	49.72	-4.28	54	39.58	49	19.04	57.9	100	55	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		5092.14	55.16	-18.84	74	43.45	31.78	9.94	30.01	270	298	P	H
		5102	46.03	-7.97	54	34.29	31.8	9.95	30.01	270	298	A	H
	*	5260	114.8	-	-	103.5	31.2	10.1	30	270	298	P	H
	*	5260	106.27	-	-	94.97	31.2	10.1	30	270	298	A	H
		5426.88	56.28	-17.72	74	44.53	31.51	10.23	29.99	270	298	P	H
		5416.08	46.3	-7.7	54	34.62	31.46	10.22	30	270	298	A	H
		5106.08	54.54	-19.46	74	42.8	31.8	9.95	30.01	267	287	P	V
		5098.6	44.88	-9.12	54	33.15	31.8	9.94	30.01	267	287	A	V
	*	5260	113.42	-	-	102.12	31.2	10.1	30	267	287	P	V
	*	5260	105.9	-	-	94.6	31.2	10.1	30	267	287	A	V
		5413.2	56.31	-17.69	74	44.64	31.45	10.22	30	267	287	P	V
		5419.2	47.61	-6.39	54	35.89	31.48	10.23	29.99	267	287	A	V
802.11n HT20 CH 60 5300MHz		5132.26	53.66	-20.34	74	41.89	31.8	9.98	30.01	253	255	P	H
		5136.34	44.53	-9.47	54	32.76	31.8	9.98	30.01	253	255	A	H
	*	5300	113.33	-	-	102	31.2	10.13	30	253	255	P	H
	*	5300	105.07	-	-	93.74	31.2	10.13	30	253	255	A	H
		5351.52	62.49	-11.51	74	51.21	31.11	10.17	30	253	255	P	H
		5350.08	52.64	-1.36	54	41.37	31.1	10.17	30	253	255	A	H
		5133.96	53.57	-20.43	74	41.8	31.8	9.98	30.01	258	285	P	V
		5143.48	44.56	-9.44	54	32.78	31.8	9.99	30.01	258	285	A	V
	*	5300	112.55	-	-	101.22	31.2	10.13	30	258	285	P	V
	*	5300	104.53	-	-	93.2	31.2	10.13	30	258	285	A	V
		5352.96	62.23	-11.77	74	50.94	31.12	10.17	30	258	285	P	V
		5350.32	51.71	-2.29	54	40.44	31.1	10.17	30	258	285	A	V



802.11n HT20 CH 64 5320MHz	*	5320	110.41	-	-	99.1	31.16	10.15	30	268	257	P	H
	*	5320	102.5	-	-	91.19	31.16	10.15	30	268	257	A	H
		5353.76	62.61	-11.39	74	51.32	31.12	10.17	30	268	257	P	H
		5350.08	52.45	-1.55	54	41.18	31.1	10.17	30	268	257	A	H
	*	5320	110.73	-	-	99.42	31.16	10.15	30	259	285	P	V
	*	5320	102.2	-	-	90.89	31.16	10.15	30	259	285	A	V
		5351.2	65.53	-8.47	74	54.25	31.11	10.17	30	259	285	P	V
		5350.08	52.51	-1.49	54	41.24	31.1	10.17	30	259	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	53.42	-14.78	68.2	60.28	39.7	14.54	61.1	100	0	P	H
		15780	46.93	-27.07	74	53.89	37.16	17.44	61.56	100	0	P	H
		17989	58.97	-15.03	74	49.05	48.8	19.03	57.91	100	32	P	H
		17989	50.72	-3.28	54	40.8	48.8	19.03	57.91	100	32	A	H
		10520	51	-17.2	68.2	57.86	39.7	14.54	61.1	100	0	P	V
		15780	46.63	-27.37	74	53.59	37.16	17.44	61.56	100	0	P	V
		17989	59.11	-14.89	74	49.19	48.8	19.03	57.91	100	36	P	V
		17989	50.14	-3.86	54	40.22	48.8	19.03	57.91	100	36	A	V
802.11n HT20 CH 60 5300MHz		10600	57.47	-16.53	74	64.29	39.7	14.58	61.1	225	226	P	H
		10600	47.25	-6.75	54	54.07	39.7	14.58	61.1	225	226	A	H
		15900	47.24	-26.76	74	53.52	37.2	17.5	60.98	100	0	P	H
		17989	59.28	-14.72	74	49.36	48.8	19.03	57.91	100	34	P	H
		17989	50.14	-3.86	54	40.22	48.8	19.03	57.91	100	34	A	H
		10600	54.72	-19.28	74	61.54	39.7	14.58	61.1	300	258	P	V
		10600	44.87	-9.13	54	51.69	39.7	14.58	61.1	300	258	A	V
		15900	46.13	-27.87	74	52.41	37.2	17.5	60.98	100	0	P	V
		17989	59.19	-14.81	74	49.27	48.8	19.03	57.91	100	58	P	V
		17989	49.82	-4.18	54	39.9	48.8	19.03	57.91	100	58	A	V
802.11n HT20 CH 64 5320MHz		10640	54.41	-19.59	74	61.13	39.78	14.6	61.1	207	223	P	H
		10640	45.14	-8.86	54	51.86	39.78	14.6	61.1	207	223	A	H
		15960	46.21	-27.79	74	52.1	37.26	17.54	60.69	100	0	P	H
		17989	59.52	-14.48	74	49.6	48.8	19.03	57.91	100	28	P	H
		10640	49.63	-24.37	74	56.35	39.78	14.6	61.1	100	0	P	V
		15960	46.82	-27.18	74	52.71	37.26	17.54	60.69	100	0	P	V
		18000	59.56	-14.44	74	49.42	49	19.04	57.9	100	54	P	V
		18000	49.72	-4.28	54	39.58	49	19.04	57.9	100	54	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		5142.12	54.41	-19.59	74	42.63	31.8	9.99	30.01	264	251	P	H
		5149.94	45.69	-8.31	54	33.9	31.8	10	30.01	264	251	A	H
	*	5270	108.87	-	-	97.56	31.2	10.11	30	264	251	P	H
	*	5270	101	-	-	89.69	31.2	10.11	30	264	251	A	H
		5353.68	59.85	-14.15	74	48.56	31.12	10.17	30	264	251	P	H
		5353.44	51.51	-2.49	54	40.22	31.12	10.17	30	264	251	A	H
		5145.18	54.54	-19.46	74	42.76	31.8	9.99	30.01	291	269	P	V
		5149.6	45.95	-8.05	54	34.16	31.8	10	30.01	291	269	A	V
	*	5270	108.81	-	-	97.5	31.2	10.11	30	291	269	P	V
	*	5270	101.15	-	-	89.84	31.2	10.11	30	291	269	A	V
		5352.96	60.17	-13.83	74	48.88	31.12	10.17	30	291	269	P	V
		5353.68	52.13	-1.87	54	40.84	31.12	10.17	30	291	269	A	V
802.11n HT40 CH 62 5310MHz		5041.48	52.83	-21.17	74	41.34	31.63	9.88	30.02	298	257	P	H
		5138.38	44.45	-9.55	54	32.67	31.8	9.99	30.01	298	257	A	H
	*	5310	106.36	-	-	95.04	31.18	10.14	30	298	257	P	H
	*	5310	98.52	-	-	87.2	31.18	10.14	30	298	257	A	H
		5356.08	62.12	-11.88	74	50.81	31.14	10.17	30	298	257	P	H
		5350.56	52.08	-1.92	54	40.81	31.1	10.17	30	298	257	A	H
		5149.6	52.45	-21.55	74	40.66	31.8	10	30.01	276	278	P	V
		5138.04	44.09	-9.91	54	32.32	31.8	9.98	30.01	276	278	A	V
	*	5310	106.19	-	-	94.87	31.18	10.14	30	276	278	P	V
	*	5310	98.48	-	-	87.16	31.18	10.14	30	276	278	A	V
		5352.24	61.24	-12.76	74	49.96	31.11	10.17	30	276	278	P	V
		5350.8	52.31	-1.69	54	41.04	31.1	10.17	30	276	278	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	51.39	-16.81	68.2	58.06	39.7	14.55	60.92	100	0	P	H
		15810	46.84	-27.16	74	53.61	37.11	17.45	61.33	100	0	P	H
		17977.8	59.79	-14.21	74	49.45	48.6	19.03	57.29	300	241	P	H
		17977.8	49.97	-4.03	54	39.63	48.6	19.03	57.29	300	241	A	H
		10540	48.72	-19.48	68.2	55.39	39.7	14.55	60.92	100	0	P	V
		15810	46.39	-27.61	74	53.16	37.11	17.45	61.33	100	0	P	V
		17988.9	60.46	-13.54	74	49.9	48.8	19.03	57.27	100	134	P	V
		17988.9	50.51	-3.49	54	39.95	48.8	19.03	57.27	100	134	A	V
802.11n HT40 CH 62 5310MHz		10620	49.83	-24.17	74	56.41	39.74	14.59	60.91	100	0	P	H
		15930	46.25	-27.75	74	52.37	37.23	17.53	60.88	100	0	P	H
		17988.9	60.11	-13.89	74	49.55	48.8	19.03	57.27	300	274	P	H
		17988.9	50.49	-3.51	54	39.93	48.8	19.03	57.27	300	274	A	H
		10620	49.98	-24.02	74	56.56	39.74	14.59	60.91	100	0	P	V
		15930	45.98	-28.02	74	52.1	37.23	17.53	60.88	100	0	P	V
		17988.9	59.88	-14.12	74	49.32	48.8	19.03	57.27	100	132	P	V
		17988.9	50.07	-3.93	54	39.51	48.8	19.03	57.27	100	132	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		5138.38	58.21	-15.79	74	46.43	31.8	9.99	30.01	267	256	P	H
		5143.48	49.43	-4.57	54	37.65	31.8	9.99	30.01	267	256	A	H
	*	5290	103.49	-	-	92.17	31.2	10.12	30	267	256	P	H
	*	5290	94.98	-	-	83.66	31.2	10.12	30	267	256	A	H
		5354.4	60.08	-13.92	74	48.78	31.13	10.17	30	267	256	P	H
		5352.48	50.73	-3.27	54	39.45	31.11	10.17	30	267	256	A	H
		5147.56	56.57	-17.43	74	44.79	31.8	9.99	30.01	278	269	P	V
		5138.72	48.48	-5.52	54	36.7	31.8	9.99	30.01	278	269	A	V
	*	5290	102.89	-	-	91.57	31.2	10.12	30	278	269	P	V
	*	5290	94.86	-	-	83.54	31.2	10.12	30	278	269	A	V
		5351.04	59.72	-14.28	74	48.44	31.11	10.17	30	278	269	P	V
		5350.08	50.98	-3.02	54	39.71	31.1	10.17	30	278	269	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	48.42	-19.78	68.2	55.07	39.7	14.57	60.92	100	0	P	H
		15870	47.33	-26.67	74	53.77	37.17	17.49	61.1	100	0	P	H
		18000	59.74	-14.26	74	48.94	49	19.04	57.24	300	262	P	H
		18000	50.21	-3.79	54	39.41	49	19.04	57.24	300	262	A	H
		10580	47.87	-20.33	68.2	54.52	39.7	14.57	60.92	100	0	P	V
		15870	46.84	-27.16	74	53.28	37.17	17.49	61.1	100	0	P	V
		18000	59.77	-14.23	74	48.97	49	19.04	57.24	100	135	P	V
		18000	50.17	-3.83	54	39.37	49	19.04	57.24	100	135	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	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)
802.11a CH 100 5500MHz		5459.6	59.62	-14.38	74	47.75	31.6	10.26	29.99	250	263	P	H
		5469.2	64.64	-3.56	68.2	52.76	31.6	10.27	29.99	250	263	P	H
		5460	50.07	-3.93	54	38.2	31.6	10.26	29.99	250	263	A	H
	*	5500	110.95	-	-	99.04	31.6	10.3	29.99	250	263	P	H
	*	5500	103.45	-	-	91.54	31.6	10.3	29.99	250	263	A	H
		5450.32	60.22	-13.78	74	48.36	31.6	10.25	29.99	296	281	P	V
		5469.36	65.01	-3.19	68.2	53.13	31.6	10.27	29.99	296	281	P	V
		5460	49.83	-4.17	54	37.96	31.6	10.26	29.99	296	281	A	V
	*	5500	111.09	-	-	99.18	31.6	10.3	29.99	296	281	P	V
	*	5500	103.53	-	-	91.62	31.6	10.3	29.99	296	281	A	V
802.11a CH 116 5580MHz		5425.36	54.82	-19.18	74	43.08	31.5	10.23	29.99	250	259	P	H
		5466.88	53.47	-14.73	68.2	41.59	31.6	10.27	29.99	250	259	P	H
		5418.88	45.64	-8.36	54	33.92	31.48	10.23	29.99	250	259	A	H
	*	5580	114.36	-	-	102.49	31.56	10.36	30.05	250	259	P	H
	*	5580	106.54	-	-	94.67	31.56	10.36	30.05	250	259	A	H
		5739.17	54.3	-13.9	68.2	42.15	31.78	10.53	30.16	250	259	P	H
		5413.6	54.21	-19.79	74	42.54	31.45	10.22	30	307	287	P	V
		5465.68	53.19	-15.01	68.2	41.31	31.6	10.27	29.99	307	287	P	V
		5422.24	45.49	-8.51	54	33.76	31.49	10.23	29.99	307	287	A	V
	*	5580	114.51	-	-	102.64	31.56	10.36	30.05	307	287	P	V
	*	5580	106.56	-	-	94.69	31.56	10.36	30.05	307	287	A	V
		5745.155	54.28	-13.92	68.2	42.12	31.79	10.54	30.17	307	287	P	V



802.11a CH 140 5700MHz	*	5700	108.89	-	-	96.83	31.7	10.49	30.13	250	260	P	H
	*	5700	101.42	-	-	89.36	31.7	10.49	30.13	250	260	A	H
		5725.72	66.4	-1.8	68.2	54.28	31.75	10.52	30.15	250	260	P	H
	*	5700	109.35	-	-	97.29	31.7	10.49	30.13	296	293	P	V
	*	5700	101.9	-	-	89.84	31.7	10.49	30.13	296	293	A	V
		5726.76	66.62	-1.58	68.2	54.5	31.75	10.52	30.15	296	293	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	56.14	-17.86	74	62.05	40.4	14.79	61.1	218	218	P	H
		11000	45.17	-8.83	54	51.08	40.4	14.79	61.1	218	218	A	H
		16500	49.39	-18.81	68.2	51.95	38.9	17.94	59.4	100	0	P	H
		18000	59.34	-14.66	74	49.2	49	19.04	57.9	100	55	P	H
		18000	50.02	-3.98	54	39.88	49	19.04	57.9	100	55	A	H
		11000	53.42	-20.58	74	59.33	40.4	14.79	61.1	290	341	P	V
		11000	43.67	-10.33	54	49.58	40.4	14.79	61.1	290	341	A	V
		16500	47.71	-20.49	68.2	50.27	38.9	17.94	59.4	100	0	P	V
		17989	59.82	-14.18	74	49.9	48.8	19.03	57.91	100	54	P	V
		17989	50.49	-3.51	54	40.57	48.8	19.03	57.91	100	54	A	V
802.11a CH 116 5580MHz		11160	58.7	-15.3	74	64.91	39.96	14.87	61.04	290	198	P	H
		11160	48.07	-5.93	54	54.28	39.96	14.87	61.04	290	198	A	H
		16740	50.53	-17.67	68.2	51.73	39.94	18.12	59.26	100	0	P	H
		17989	59.31	-14.69	74	49.39	48.8	19.03	57.91	100	35	P	H
		17989	49.78	-4.22	54	39.86	48.8	19.03	57.91	100	35	A	H
		11160	56.17	-17.83	74	62.38	39.96	14.87	61.04	283	342	P	V
		11160	46.8	-7.2	54	53.01	39.96	14.87	61.04	283	342	A	V
		16740	51.16	-17.04	68.2	52.36	39.94	18.12	59.26	100	0	P	V
		17989	58.48	-15.52	74	48.56	48.8	19.03	57.91	100	63	P	V
		17989	49.69	-4.31	54	39.77	48.8	19.03	57.91	100	63	A	V



802.11a CH 140 5700MHz		11400	53.36	-20.64	74	59.31	40	14.99	60.94	322	217	P	H
		11400	43.39	-10.61	54	49.34	40	14.99	60.94	322	217	A	H
		17100	50.36	-17.84	68.2	50.36	40.6	18.38	58.98	100	0	P	H
		18000	59.9	-14.1	74	49.76	49	19.04	57.9	100	28	P	H
		18000	50.05	-3.95	54	39.91	49	19.04	57.9	100	28	A	H
		11400	49.37	-24.63	74	55.32	40	14.99	60.94	100	0	P	V
		17100	50.59	-17.61	68.2	50.59	40.6	18.38	58.98	100	0	P	V
		17989	58.95	-15.05	74	49.03	48.8	19.03	57.91	100	71	P	V
		17989	49.8	-4.2	54	39.88	48.8	19.03	57.91	100	71	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		5459.12	60.85	-13.15	74	48.98	31.6	10.26	29.99	250	262	P	H
		5469.68	64.77	-3.43	68.2	52.89	31.6	10.27	29.99	250	262	P	H
		5459.28	50.28	-3.72	54	38.41	31.6	10.26	29.99	250	262	A	H
	*	5500	110.84	-	-	98.93	31.6	10.3	29.99	250	262	P	H
	*	5500	103.27	-	-	91.36	31.6	10.3	29.99	250	262	A	H
		5459.92	58.54	-15.46	74	46.67	31.6	10.26	29.99	300	283	P	V
		5469.36	65.14	-3.06	68.2	53.26	31.6	10.27	29.99	300	283	P	V
		5460	49.34	-4.66	54	37.47	31.6	10.26	29.99	300	283	A	V
	*	5500	110.86	-	-	98.95	31.6	10.3	29.99	300	283	P	V
	*	5500	102.94	-	-	91.03	31.6	10.3	29.99	300	283	A	V
802.11n HT20 CH 116 5580MHz		5424.16	55.37	-18.63	74	43.63	31.5	10.23	29.99	250	260	P	H
		5465.92	54.03	-14.17	68.2	42.15	31.6	10.27	29.99	250	260	P	H
		5416.96	45.31	-8.69	54	33.61	31.47	10.22	29.99	250	260	A	H
	*	5580	114.43	-	-	102.56	31.56	10.36	30.05	250	260	P	H
	*	5580	106.38	-	-	94.51	31.56	10.36	30.05	250	260	A	H
		5741.06	53.11	-15.09	68.2	40.95	31.78	10.54	30.16	250	260	P	H
		5423.68	54.48	-19.52	74	42.75	31.49	10.23	29.99	308	287	P	V
		5466.64	54.08	-14.12	68.2	42.2	31.6	10.27	29.99	308	287	P	V
		5421.52	45.43	-8.57	54	33.7	31.49	10.23	29.99	308	287	A	V
	*	5580	114.25	-	-	102.38	31.56	10.36	30.05	308	287	P	V
	*	5580	106.38	-	-	94.51	31.56	10.36	30.05	308	287	A	V
		5739.17	53.81	-14.39	68.2	41.66	31.78	10.53	30.16	308	287	P	V



802.11n HT20 CH 140 5700MHz	*	5700	109.44	-	-	97.38	31.7	10.49	30.13	250	262	P	H
	*	5700	101.33	-	-	89.27	31.7	10.49	30.13	250	262	A	H
		5725.4	66.05	-2.15	68.2	53.93	31.75	10.52	30.15	250	262	P	H
	*	5700	110.24	-	-	98.18	31.7	10.49	30.13	298	291	P	V
	*	5700	101.93	-	-	89.87	31.7	10.49	30.13	298	291	A	V
		5726.2	66.88	-1.32	68.2	54.76	31.75	10.52	30.15	298	291	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	54.23	-19.77	74	60.14	40.4	14.79	61.1	291	218	P	H
		11000	44.94	-9.06	54	50.85	40.4	14.79	61.1	291	218	A	H
		16500	48.03	-20.17	68.2	50.59	38.9	17.94	59.4	100	0	P	H
		18000	58.77	-15.23	74	48.63	49	19.04	57.9	100	31	P	H
		18000	50.14	-3.86	54	40	49	19.04	57.9	100	31	A	H
		11000	49.83	-24.17	74	55.74	40.4	14.79	61.1	100	0	P	V
		16500	47.57	-20.63	68.2	50.13	38.9	17.94	59.4	100	0	P	V
		18000	59.86	-14.14	74	49.72	49	19.04	57.9	100	63	P	V
		18000	50	-4	54	39.86	49	19.04	57.9	100	63	A	V
802.11n HT20 CH 116 5580MHz		11160	56.79	-17.21	74	63	39.96	14.87	61.04	300	216	P	H
		11160	47.23	-6.77	54	53.44	39.96	14.87	61.04	300	216	A	H
		16740	50.63	-17.57	68.2	51.83	39.94	18.12	59.26	100	0	P	H
		18000	60.08	-13.92	74	49.94	49	19.04	57.9	100	26	P	H
		18000	50.07	-3.93	54	39.93	49	19.04	57.9	100	26	A	H
		11160	56.09	-17.91	74	62.3	39.96	14.87	61.04	291	338	P	V
		11160	46.39	-7.61	54	52.6	39.96	14.87	61.04	291	338	A	V
		16740	50.28	-17.92	68.2	51.48	39.94	18.12	59.26	100	0	P	V
		17989	59.03	-14.97	74	49.11	48.8	19.03	57.91	100	56	P	V
		17989	49.71	-4.29	54	39.79	48.8	19.03	57.91	100	56	A	V



802.11n HT20 CH 140 5700MHz		11400	52.54	-21.46	74	58.49	40	14.99	60.94	100	320	P	H
		11400	43.4	-10.6	54	49.35	40	14.99	60.94	100	320	A	H
		17100	51.52	-16.68	68.2	51.52	40.6	18.38	58.98	100	0	P	H
		17993.7	62.04	-11.96	74	52.02	48.89	19.04	57.91	100	33	P	H
		17993.7	51.11	-2.89	54	41.09	48.89	19.04	57.91	100	33	A	H
		11400	49.97	-24.03	74	55.92	40	14.99	60.94	100	0	P	V
		17100	50.94	-17.26	68.2	50.94	40.6	18.38	58.98	100	0	P	V
		17974.8	59.78	-14.22	74	50.14	48.55	19.02	57.93	100	18	P	V
		17974.8	49.5	-4.5	54	39.86	48.55	19.02	57.93	100	18	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		5458.81	62.28	-11.72	74	50.41	31.6	10.26	29.99	253	254	P	H
		5468.8	66.54	-1.66	68.2	54.66	31.6	10.27	29.99	253	254	P	H
		5459.89	50.99	-3.01	54	39.12	31.6	10.26	29.99	253	254	A	H
	*	5510	104.54	-	-	92.66	31.58	10.3	30	253	254	P	H
	*	5510	94.72	-	-	82.84	31.58	10.3	30	253	254	A	H
		5758.385	50.75	-17.45	68.2	38.58	31.8	10.55	30.18	253	254	P	H
		5459.89	60.44	-13.56	74	48.57	31.6	10.26	29.99	302	283	P	V
		5468.8	66.28	-1.92	68.2	54.4	31.6	10.27	29.99	302	283	P	V
		5459.89	51.19	-2.81	54	39.32	31.6	10.26	29.99	302	283	A	V
	*	5510	106.4	-	-	94.52	31.58	10.3	30	302	283	P	V
	*	5510	96.64	-	-	84.76	31.58	10.3	30	302	283	A	V
		5738.54	50.22	-17.98	68.2	38.07	31.78	10.53	30.16	302	283	P	V
802.11n HT40 CH 110 5550MHz		5448.01	60.37	-13.63	74	48.52	31.59	10.25	29.99	248	264	P	H
		5469.88	63.07	-5.13	68.2	51.19	31.6	10.27	29.99	248	264	P	H
		5452.33	51.76	-2.24	54	39.9	31.6	10.25	29.99	248	264	A	H
	*	5550	109.99	-	-	98.18	31.5	10.34	30.03	248	264	P	H
	*	5550	101.67	-	-	89.86	31.5	10.34	30.03	248	264	A	H
		5725.31	52.03	-16.17	68.2	39.91	31.75	10.52	30.15	248	264	P	H
		5459.35	61.29	-12.71	74	49.42	31.6	10.26	29.99	281	288	P	V
		5469.88	63.38	-4.82	68.2	51.5	31.6	10.27	29.99	281	288	P	V
		5452.33	51.83	-2.17	54	39.97	31.6	10.25	29.99	281	288	A	V
	*	5550	109.37	-	-	97.56	31.5	10.34	30.03	281	288	P	V
	*	5550	101.3	-	-	89.49	31.5	10.34	30.03	281	288	A	V
		5755.55	51.55	-16.65	68.2	39.37	31.8	10.55	30.17	281	288	P	V



802.11n HT40 CH 134 5670MHz		5455.82	49.94	-24.06	74	38.07	31.6	10.26	29.99	266	265	P	H
		5465.07	49.84	-18.36	68.2	37.96	31.6	10.27	29.99	266	265	P	H
		5440.65	41.78	-12.22	54	29.97	31.56	10.24	29.99	266	265	A	H
	*	5670	107.19	-	-	95.14	31.7	10.46	30.11	266	265	P	H
	*	5670	97.38	-	-	85.33	31.7	10.46	30.11	266	265	A	H
		5730.7	66.75	-1.45	68.2	54.63	31.76	10.52	30.16	266	265	P	H
		5407.35	51.28	-22.72	74	39.63	31.43	10.22	30	298	278	P	V
		5462.11	50.01	-18.19	68.2	38.14	31.6	10.26	29.99	298	278	P	V
		5451.38	41.79	-12.21	54	29.93	31.6	10.25	29.99	298	278	A	V
	*	5670	108	-	-	95.95	31.7	10.46	30.11	298	278	P	V
	*	5670	99.96	-	-	87.91	31.7	10.46	30.11	298	278	A	V
		5727.375	66.33	-1.87	68.2	54.21	31.75	10.52	30.15	298	278	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	49.91	-24.09	74	55.61	40.36	14.8	60.86	100	0	P	H
		16530	49.35	-18.85	68.2	51.09	38.87	17.96	58.57	100	0	P	H
		17988.9	59.74	-14.26	74	49.18	48.8	19.03	57.27	300	241	P	H
		17988.9	49.92	-4.08	54	39.36	48.8	19.03	57.27	300	241	A	H
		11020	49.46	-24.54	74	55.16	40.36	14.8	60.86	100	0	P	V
		16530	48.84	-19.36	68.2	50.58	38.87	17.96	58.57	100	0	P	V
		18000	59.8	-14.2	74	49	49	19.04	57.24	100	124	P	V
		18000	50.06	-3.94	54	39.26	49	19.04	57.24	100	124	A	V
802.11n HT40 CH 110 5550MHz		11100	55.55	-18.45	74	61.37	40.2	14.84	60.86	293	195	P	H
		11100	45.73	-8.27	54	51.55	40.2	14.84	60.86	293	195	A	H
		16650	49.62	-18.58	68.2	50.92	39.25	18.05	58.6	100	0	P	H
		18000	60.03	-13.97	74	49.23	49	19.04	57.24	300	262	P	H
		18000	50.22	-3.78	54	39.42	49	19.04	57.24	300	262	A	H
		11100	49.97	-24.03	74	55.79	40.2	14.84	60.86	100	0	P	V
		16650	49.27	-18.93	68.2	50.57	39.25	18.05	58.6	100	0	P	V
		18000	60.08	-13.92	74	49.28	49	19.04	57.24	100	102	P	V
		18000	50.24	-3.76	54	39.44	49	19.04	57.24	100	102	A	V
802.11n HT40 CH 134 5670MHz		11340	48.34	-25.66	74	54.31	39.94	14.96	60.87	100	0	P	H
		17010	50.01	-18.19	68.2	49.78	40.6	18.32	58.69	100	0	P	H
		18000	60.42	-13.58	74	49.62	49	19.04	57.24	300	235	P	H
		18000	50.61	-3.39	54	39.81	49	19.04	57.24	300	235	A	H
		11340	47.56	-26.44	74	53.53	39.94	14.96	60.87	100	0	P	V
		17010	50.15	-18.05	68.2	49.92	40.6	18.32	58.69	100	0	P	V
		18000	60.31	-13.69	74	49.51	49	19.04	57.24	100	136	P	V
		18000	50.5	-3.5	54	39.7	49	19.04	57.24	100	136	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		5459.62	60.29	-13.71	74	48.42	31.6	10.26	29.99	251	256	P	H
		5465.02	61.62	-6.58	68.2	49.74	31.6	10.27	29.99	251	256	P	H
		5459.89	51.92	-2.08	54	40.05	31.6	10.26	29.99	251	256	A	H
	*	5530	99.37	-	-	87.52	31.54	10.32	30.01	251	256	P	H
	*	5530	91.59	-	-	79.74	31.54	10.32	30.01	251	256	A	H
		5725.94	50.21	-17.99	68.2	38.09	31.75	10.52	30.15	251	256	P	H
		5458	62.23	-11.77	74	50.36	31.6	10.26	29.99	287	278	P	V
		5466.37	62.13	-6.07	68.2	50.25	31.6	10.27	29.99	287	278	P	V
		5459.89	52.57	-1.43	54	40.7	31.6	10.26	29.99	287	278	A	V
	*	5530	100.75	-	-	88.9	31.54	10.32	30.01	287	278	P	V
	*	5530	92.06	-	-	80.21	31.54	10.32	30.01	287	278	A	V
		5727.83	50.35	-17.85	68.2	38.22	31.76	10.52	30.15	287	278	P	V
802.11ac VHT80 CH 122 5610MHz		5457.73	61.22	-12.78	74	49.35	31.6	10.26	29.99	249	259	P	H
		5468.26	63.2	-5	68.2	51.32	31.6	10.27	29.99	249	259	P	H
		5456.65	51.75	-2.25	54	39.88	31.6	10.26	29.99	249	259	A	H
	*	5610	105.4	-	-	93.46	31.62	10.39	30.07	249	259	P	H
	*	5610	97.09	-	-	85.15	31.62	10.39	30.07	249	259	A	H
		5724.995	64.03	-85.97	150	51.91	31.75	10.52	30.15	249	259	P	H
		5459.89	62.01	-11.99	74	50.14	31.6	10.26	29.99	279	278	P	V
		5467.99	64.72	-3.48	68.2	52.84	31.6	10.27	29.99	279	278	P	V
		5459.89	52.76	-1.24	54	40.89	31.6	10.26	29.99	279	278	A	V
	*	5610	105.41	-	-	93.47	31.62	10.39	30.07	279	278	P	V
	*	5610	97.6	-	-	85.66	31.62	10.39	30.07	279	278	A	V
		5725.625	64.48	-3.72	68.2	52.36	31.75	10.52	30.15	279	278	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	49.58	-24.42	74	55.34	40.28	14.82	60.86	100	0	P	H
		16590	48.5	-19.7	68.2	50.27	38.81	18.01	58.59	100	0	P	H
		18000	60.63	-13.37	74	49.83	49	19.04	57.24	300	241	P	H
		18000	50.73	-3.27	54	39.93	49	19.04	57.24	300	241	A	H
		11060	49.26	-24.74	74	55.02	40.28	14.82	60.86	100	0	P	V
		16590	48.41	-19.79	68.2	50.18	38.81	18.01	58.59	100	0	P	V
		18000	59.7	-14.3	74	48.9	49	19.04	57.24	100	143	P	V
		18000	50.3	-3.7	54	39.5	49	19.04	57.24	100	143	A	V
802.11ac VHT80 CH 122 5610MHz		11220	49.94	-24.06	74	56.08	39.82	14.9	60.86	100	0	P	H
		16830	50.56	-17.64	68.2	50.7	40.33	18.18	58.65	100	0	P	H
		18000	59.89	-14.11	74	49.09	49	19.04	57.24	300	253	P	H
		18000	50.07	-3.93	54	39.27	49	19.04	57.24	300	253	A	H
		11220	48.14	-25.86	74	54.28	39.82	14.9	60.86	100	0	P	V
		16830	50.59	-17.61	68.2	50.73	40.33	18.18	58.65	100	0	P	V
		17988.9	60.3	-13.7	74	49.74	48.8	19.03	57.27	100	126	P	V
		17988.9	50.52	-3.48	54	39.96	48.8	19.03	57.27	100	126	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	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)
802.11a CH 144 5720MHz		5392.9	51.7	-22.3	74	40.14	31.36	10.2	30	250	263	P	H
		5468.56	51.12	-17.08	68.2	39.24	31.6	10.27	29.99	250	263	P	H
		5401.87	42.42	-11.58	54	30.8	31.41	10.21	30	250	263	A	H
	*	5720	112.74	-	-	100.64	31.74	10.51	30.15	250	263	P	H
	*	5720	104.91	-	-	92.81	31.74	10.51	30.15	250	263	A	H
		5885.5	53.14	-15.06	68.2	40.68	32.07	10.66	30.27	250	263	P	H
		5393.29	52.55	-21.45	74	40.99	31.36	10.2	30	317	293	P	V
		5465.05	51.16	-17.04	68.2	39.28	31.6	10.27	29.99	317	293	P	V
		5404.99	42.39	-11.61	54	30.76	31.42	10.21	30	317	293	A	V
	*	5720	113.01	-	-	100.91	31.74	10.51	30.15	317	293	P	V
	*	5720	105.2	-	-	93.1	31.74	10.51	30.15	317	293	A	V
		5886.25	53.4	-14.8	68.2	40.94	32.07	10.66	30.27	317	293	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	56.48	-17.52	74	62.35	40.04	15.01	60.92	339	215	P	H
		11440	45.65	-8.35	54	51.52	40.04	15.01	60.92	339	215	A	H
		17160	50.51	-17.69	68.2	50.27	40.72	18.43	58.91	100	0	P	H
		18000	59.29	-14.71	74	49.15	49	19.04	57.9	100	18	P	H
		18000	49.94	-4.06	54	39.8	49	19.04	57.9	100	18	A	H
		11440	49.77	-24.23	74	55.64	40.04	15.01	60.92	100	0	P	V
		17160	50.68	-17.52	68.2	50.44	40.72	18.43	58.91	100	0	P	V
		17978	59.47	-14.53	74	49.77	48.6	19.03	57.93	100	55	P	V
		17978	50.72	-3.28	54	41.02	48.6	19.03	57.93	100	55	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		5424.88	50.7	-23.3	74	38.96	31.5	10.23	29.99	240	259	P	H
		5460.76	49.84	-18.36	68.2	37.97	31.6	10.26	29.99	240	259	P	H
		5405.38	42.19	-11.81	54	30.56	31.42	10.21	30	240	259	A	H
	*	5720	113.13	-	-	101.03	31.74	10.51	30.15	240	259	P	H
	*	5720	104.81	-	-	92.71	31.74	10.51	30.15	240	259	A	H
		5858.5	53.43	-14.77	68.2	41.02	32.02	10.64	30.25	240	259	P	H
		5459.98	51.82	-22.18	74	39.95	31.6	10.26	29.99	307	285	P	V
		5468.17	49.99	-18.21	68.2	38.11	31.6	10.27	29.99	307	285	P	V
		5402.26	42.31	-11.69	54	30.69	31.41	10.21	30	307	285	A	V
	*	5720	112.75	-	-	100.65	31.74	10.51	30.15	307	285	P	V
	*	5720	104.71	-	-	92.61	31.74	10.51	30.15	307	285	A	V
		5861	52.65	-15.55	68.2	40.24	32.02	10.64	30.25	307	285	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	57.51	-16.49	74	63.38	40.04	15.01	60.92	100	321	P	H
		11440	47.71	-6.29	54	53.58	40.04	15.01	60.92	100	321	A	H
		17160	52.12	-16.08	68.2	51.88	40.72	18.43	58.91	100	0	P	H
		18000	61.46	-12.54	74	51.32	49	19.04	57.9	100	31	P	H
		18000	51.31	-2.69	54	41.17	49	19.04	57.9	100	31	A	H
		11440	55.94	-18.06	74	61.81	40.04	15.01	60.92	292	339	P	V
		11440	45.31	-8.69	54	51.18	40.04	15.01	60.92	292	339	A	V
		17160	51.98	-16.22	68.2	51.74	40.72	18.43	58.91	100	0	P	V
		18000	60.28	-13.72	74	50.14	49	19.04	57.9	100	19	P	V
		18000	50.09	-3.91	54	39.95	49	19.04	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		5412.4	52.29	-21.71	74	40.62	31.45	10.22	30	242	261	P	H
		5463.49	51.65	-16.55	68.2	39.78	31.6	10.26	29.99	242	261	P	H
		5458.42	43.54	-10.46	54	31.67	31.6	10.26	29.99	242	261	A	H
	*	5710	111.44	-	-	99.36	31.72	10.5	30.14	242	261	P	H
	*	5710	103.61	-	-	91.53	31.72	10.5	30.14	242	261	A	H
		5851.75	58.72	-9.48	68.2	46.32	32	10.64	30.24	242	261	P	H
		5454.91	52.11	-21.89	74	40.24	31.6	10.26	29.99	360	285	P	V
		5465.05	52.03	-16.17	68.2	40.15	31.6	10.27	29.99	360	285	P	V
		5459.59	43.69	-10.31	54	31.82	31.6	10.26	29.99	360	285	A	V
	*	5710	110.69	-	-	98.61	31.72	10.5	30.14	360	285	P	V
	*	5710	102.68	-	-	90.6	31.72	10.5	30.14	360	285	A	V
		5852.5	59.31	-8.89	68.2	46.9	32.01	10.64	30.24	360	285	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	54.29	-19.71	74	60.14	40.02	15	60.87	329	210	P	H
		11420	44.43	-9.57	54	50.28	40.02	15	60.87	329	210	A	H
		17130	49.73	-18.47	68.2	49.29	40.66	18.4	58.62	100	0	P	H
		18000	59.74	-14.26	74	48.94	49	19.04	57.24	300	230	P	H
		18000	49.82	-4.18	54	39.02	49	19.04	57.24	300	230	A	H
		11420	49.71	-24.29	74	55.56	40.02	15	60.87	100	0	P	V
		17130	50.29	-17.91	68.2	49.85	40.66	18.4	58.62	100	0	P	V
		18000	59.65	-14.35	74	48.85	49	19.04	57.24	100	135	P	V
		18000	49.73	-4.27	54	38.93	49	19.04	57.24	100	135	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		5454.91	59.12	-14.88	74	47.25	31.6	10.26	29.99	245	257	P	H
		5467	59.72	-8.48	68.2	47.84	31.6	10.27	29.99	245	257	P	H
		5459.98	51.51	-2.49	54	39.64	31.6	10.26	29.99	245	257	A	H
	*	5690	108.75	-	-	96.7	31.7	10.48	30.13	245	257	P	H
	*	5690	99.97	-	-	87.92	31.7	10.48	30.13	245	257	A	H
		5854.6	65.3	-2.9	68.2	52.9	32.01	10.64	30.25	245	257	P	H
		5423.71	58.16	-15.84	74	46.43	31.49	10.23	29.99	371	285	P	V
		5464.66	60.41	-7.79	68.2	48.54	31.6	10.26	29.99	371	285	P	V
		5459.98	50.78	-3.22	54	38.91	31.6	10.26	29.99	371	285	A	V
	*	5690	106.93	-	-	94.88	31.7	10.48	30.13	371	285	P	V
	*	5690	99.15	-	-	87.1	31.7	10.48	30.13	371	285	A	V
		5850.4	66.08	-2.12	68.2	53.68	32	10.64	30.24	371	285	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	49.78	-24.22	74	55.69	39.98	14.98	60.87	100	0	P	H
		17070	50.75	-17.45	68.2	50.45	40.6	18.36	58.66	100	0	P	H
		18000	60.84	-13.16	74	50.04	49	19.04	57.24	300	263	P	H
		18000	50.73	-3.27	54	39.93	49	19.04	57.24	300	263	A	H
		11380	49.62	-24.38	74	55.53	39.98	14.98	60.87	100	0	P	V
		17070	50.27	-17.93	68.2	49.97	40.6	18.36	58.66	100	0	P	V
		18000	59.74	-14.26	74	48.94	49	19.04	57.24	100	125	P	V
		18000	49.85	-4.15	54	39.05	49	19.04	57.24	100	125	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	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)
5GHz		27614	41.25	-26.95	68.2	39.54	39.72	15.58	53.59	150	0	P	H
802.11ac		34566	44.18	-24.02	68.2	42.96	41.33	18.3	58.41	150	0	P	H
VHT80		20156	37.44	-36.56	74	42.77	38.35	11.22	54.9	150	0	P	V
SHF		31024	41.85	-26.35	68.2	40.75	40.4	16.44	55.74	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

WIFI 802.11n VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n VHT80 LF		73.65	26.61	-13.39	40	45.33	12.6	1.2	32.52	-	-	P	H
		129.91	27.22	-16.28	43.5	40.58	17.55	1.62	32.53	-	-	P	H
		159.98	24.7	-18.8	43.5	38.91	16.48	1.81	32.5	-	-	P	H
		713.85	36.43	-9.57	46	38.66	26.6	3.62	32.45	-	-	P	H
		741.98	32.85	-13.15	46	33.8	27.8	3.7	32.45	-	-	P	H
		894.27	37.46	-8.54	46	36.11	28.86	4.15	31.66	100	0	P	H
		74.62	30.04	-9.96	40	48.63	12.7	1.22	32.51	100	0	P	V
		125.06	28.13	-15.37	43.5	41.64	17.44	1.59	32.54	-	-	P	V
		194.9	23.71	-19.79	43.5	39.35	14.79	2.02	32.45	-	-	P	V
		565.44	33.64	-12.36	46	36.81	26.14	3.27	32.58	-	-	P	V
		613.94	31.41	-14.59	46	35.02	25.4	3.41	32.42	-	-	P	V
		716.76	34.7	-11.3	46	36.81	26.71	3.63	32.45	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5045.22	53.58	-20.42	74	42.05	31.66	9.89	30.02	242	106	P	H
		5048.62	44.23	-9.77	54	32.67	31.69	9.89	30.02	242	106	A	H
	*	5260	116.46	-	-	105.16	31.2	10.1	30	242	106	P	H
	*	5260	108.51	-	-	97.21	31.2	10.1	30	242	106	A	H
		5361.6	55.1	-18.9	74	43.75	31.17	10.18	30	242	106	P	H
		5365.44	44.98	-9.02	54	33.61	31.19	10.18	30	242	106	A	H
		5105.4	52.96	-21.04	74	41.22	31.8	9.95	30.01	248	71	P	V
		5044.88	43.72	-10.28	54	32.19	31.66	9.89	30.02	248	71	A	V
	*	5260	115.4	-	-	104.1	31.2	10.1	30	248	71	P	V
	*	5260	107.59	-	-	96.29	31.2	10.1	30	248	71	A	V
		5371.2	54.28	-19.72	74	42.86	31.23	10.19	30	248	71	P	V
		5350.32	44.7	-9.3	54	33.43	31.1	10.17	30	248	71	A	V
802.11a CH 60 5300MHz		5133.96	53.4	-20.6	74	41.63	31.8	9.98	30.01	250	100	P	H
		5134.64	43.61	-10.39	54	31.84	31.8	9.98	30.01	250	100	A	H
	*	5300	114.73	-	-	103.4	31.2	10.13	30	250	100	P	H
	*	5300	106.95	-	-	95.62	31.2	10.13	30	250	100	A	H
		5350.56	62.9	-11.1	74	51.63	31.1	10.17	30	250	100	P	H
		5350.08	52.1	-1.9	54	40.83	31.1	10.17	30	250	100	A	H
		5133.62	53.84	-20.16	74	42.07	31.8	9.98	30.01	250	288	P	V
		5138.38	44.43	-9.57	54	32.65	31.8	9.99	30.01	250	288	A	V
	*	5300	114.33	-	-	103	31.2	10.13	30	250	288	P	V
	*	5300	106.6	-	-	95.27	31.2	10.13	30	250	288	A	V
		5352.96	61.53	-12.47	74	50.24	31.12	10.17	30	250	288	P	V
		5350.08	51.98	-2.02	54	40.71	31.1	10.17	30	250	288	A	V



802.11a CH 64 5320MHz	*	5320	112.18	-	-	100.87	31.16	10.15	30	251	101	P	H
	*	5320	104.88	-	-	93.57	31.16	10.15	30	251	101	A	H
		5350.24	63.06	-10.94	74	51.79	31.1	10.17	30	251	101	P	H
		5350.08	52.58	-1.42	54	41.31	31.1	10.17	30	251	101	A	H
	*	5320	112.12	-	-	100.81	31.16	10.15	30	251	289	P	V
	*	5320	104.53	-	-	93.22	31.16	10.15	30	251	289	A	V
		5350.72	62.36	-11.64	74	51.09	31.1	10.17	30	251	289	P	V
		5350.08	52.7	-1.3	54	41.43	31.1	10.17	30	251	289	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+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	56.62	-11.58	68.2	63.48	39.7	14.54	61.1	100	0	P	H
		15780	48.79	-25.21	74	55.75	37.16	17.44	61.56	100	0	P	H
		17968.5	60.43	-13.57	74	50.92	48.43	19.02	57.94	100	31	P	H
		17968.5	50.28	-3.72	54	40.77	48.43	19.02	57.94	100	31	A	H
		10520	54.57	-13.63	68.2	61.43	39.7	14.54	61.1	100	0	P	V
		15780	46.96	-27.04	74	53.92	37.16	17.44	61.56	100	0	P	V
		17993.7	59.69	-14.31	74	49.67	48.89	19.04	57.91	100	20	P	V
		17993.7	49.47	-4.53	54	39.45	48.89	19.04	57.91	100	20	A	V
802.11a CH 60 5300MHz		10600	59.3	-14.7	74	66.12	39.7	14.58	61.1	198	201	P	H
		10600	48.66	-5.34	54	55.48	39.7	14.58	61.1	198	201	A	H
		15900	46.66	-27.34	74	52.94	37.2	17.5	60.98	100	0	P	H
		18000	60.25	-13.75	74	50.11	49	19.04	57.9	100	31	P	H
		18000	50.2	-3.8	54	40.06	49	19.04	57.9	100	31	A	H
		10600	56.56	-17.44	74	63.38	39.7	14.58	61.1	301	246	P	V
		10600	45.16	-8.84	54	51.98	39.7	14.58	61.1	301	246	A	V
		15900	46.91	-27.09	74	53.19	37.2	17.5	60.98	100	0	P	V
		17978	59.96	-14.04	74	50.26	48.6	19.03	57.93	100	21	P	V
		17978	49.88	-4.12	54	40.18	48.6	19.03	57.93	100	21	A	V



802.11a CH 64 5320MHz		10640	58.02	-15.98	74	64.74	39.78	14.6	61.1	203	202	P	H
		10640	46.32	-7.68	54	53.04	39.78	14.6	61.1	203	202	A	H
		15960	47.76	-26.24	74	53.65	37.26	17.54	60.69	100	0	P	H
		18000	60.6	-13.4	74	50.46	49	19.04	57.9	100	32	P	H
		18000	50.26	-3.74	54	40.12	49	19.04	57.9	100	32	A	H
		10640	52.76	-21.24	74	59.48	39.78	14.6	61.1	308	248	P	V
		10640	42.99	-11.01	54	49.71	39.78	14.6	61.1	308	248	A	V
		15960	46.4	-27.6	74	52.29	37.26	17.54	60.69	100	0	P	V
		17978	60.17	-13.83	74	50.47	48.6	19.03	57.93	100	22	P	V
		17978	50.06	-3.94	54	40.36	48.6	19.03	57.93	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. 1+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	52.26	-21.74	74	40.48	31.8	9.99	30.01	237	107	P	H
		5047.6	43.51	-10.49	54	31.96	31.68	9.89	30.02	237	107	A	H
	*	5260	114.76	-	-	103.46	31.2	10.1	30	237	107	P	H
	*	5260	107.08	-	-	95.78	31.2	10.1	30	237	107	A	H
		5350.32	55.2	-18.8	74	43.93	31.1	10.17	30	237	107	P	H
		5350.56	45.15	-8.85	54	33.88	31.1	10.17	30	237	107	A	H
		5149.94	52.56	-21.44	74	40.77	31.8	10	30.01	250	84	P	V
		5047.94	43.22	-10.78	54	31.67	31.68	9.89	30.02	250	84	A	V
	*	5260	113.34	-	-	102.04	31.2	10.1	30	250	84	P	V
	*	5260	105.81	-	-	94.51	31.2	10.1	30	250	84	A	V
		5371.68	54.38	-19.62	74	42.96	31.23	10.19	30	250	84	P	V
		5350.56	43.96	-10.04	54	32.69	31.1	10.17	30	250	84	A	V
802.11n HT20 CH 60 5300MHz		5125.46	51.3	-22.7	74	39.54	31.8	9.97	30.01	252	108	P	H
		5144.5	42.89	-11.11	54	31.11	31.8	9.99	30.01	252	108	A	H
	*	5300	113.33	-	-	102	31.2	10.13	30	252	108	P	H
	*	5300	106.02	-	-	94.69	31.2	10.13	30	252	108	A	H
		5356.8	61.53	-12.47	74	50.21	31.14	10.18	30	252	108	P	H
		5350.08	51.82	-2.18	54	40.55	31.1	10.17	30	252	108	A	H
		5134.64	52.61	-21.39	74	40.84	31.8	9.98	30.01	251	288	P	V
		5144.5	43.58	-10.42	54	31.8	31.8	9.99	30.01	251	288	A	V
	*	5300	113.38	-	-	102.05	31.2	10.13	30	251	288	P	V
	*	5300	105.19	-	-	93.86	31.2	10.13	30	251	288	A	V
		5351.04	61.48	-12.52	74	50.2	31.11	10.17	30	251	288	P	V
		5350.08	51.69	-2.31	54	40.42	31.1	10.17	30	251	288	A	V



802.11n HT20 CH 64 5320MHz	*	5320	111.04	-	-	99.73	31.16	10.15	30	249	108	P	H
	*	5320	103.55	-	-	92.24	31.16	10.15	30	249	108	A	H
		5354.56	61.87	-12.13	74	50.57	31.13	10.17	30	249	108	P	H
		5350.08	51.33	-2.67	54	40.06	31.1	10.17	30	249	108	A	H
	*	5320	110.83	-	-	99.52	31.16	10.15	30	252	298	P	V
	*	5320	103.04	-	-	91.73	31.16	10.15	30	252	298	A	V
		5350.24	64.63	-9.37	74	53.36	31.1	10.17	30	252	298	P	V
		5351.52	52.31	-1.69	54	41.03	31.11	10.17	30	252	298	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+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	56.44	-11.76	68.2	63.3	39.7	14.54	61.1	100	0	P	H
		15780	45.88	-28.12	74	52.84	37.16	17.44	61.56	100	0	P	H
		18000	59.4	-14.6	74	49.26	49	19.04	57.9	100	30	P	H
		18000	49.36	-4.64	54	39.22	49	19.04	57.9	100	30	A	H
		10520	53.11	-15.09	68.2	59.97	39.7	14.54	61.1	100	0	P	V
		15780	47.95	-26.05	74	54.91	37.16	17.44	61.56	100	0	P	V
		18000	59.4	-14.6	74	49.26	49	19.04	57.9	100	20	P	V
		18000	49.31	-4.69	54	39.17	49	19.04	57.9	100	20	A	V
802.11n HT20 CH 60 5300MHz		10600	59.84	-14.16	74	66.48	39.7	14.58	60.92	201	345	P	H
		10600	49.35	-4.65	54	55.99	39.7	14.58	60.92	201	345	A	H
		15900	46.87	-27.13	74	53.16	37.2	17.5	60.99	100	0	P	H
		18000	60.65	-13.35	74	49.85	49	19.04	57.24	100	29	P	H
		18000	50.64	-3.36	54	39.84	49	19.04	57.24	100	29	A	H
		10600	57.25	-16.75	74	63.89	39.7	14.58	60.92	202	76	P	V
		10600	45.44	-8.56	54	52.08	39.7	14.58	60.92	202	76	A	V
		15900	46.68	-27.32	74	52.97	37.2	17.5	60.99	100	0	P	V
		17988.9	60.9	-13.1	74	50.34	48.8	19.03	57.27	100	19	P	V
		17988.9	50.89	-3.11	54	40.33	48.8	19.03	57.27	100	19	A	V
802.11n HT20 CH 64 5320MHz		10640	56.41	-17.59	74	63.13	39.78	14.6	61.1	226	222	P	H
		10640	45.59	-8.41	54	52.31	39.78	14.6	61.1	226	222	A	H
		15960	47.68	-26.32	74	53.57	37.26	17.54	60.69	100	0	P	H
		18000	60.73	-13.27	74	50.59	49	19.04	57.9	304	230	P	H
		18000	50.11	-3.89	54	39.97	49	19.04	57.9	304	230	A	H
		10640	49.96	-24.04	74	56.68	39.78	14.6	61.1	100	0	P	V
		15960	47.16	-26.84	74	53.05	37.26	17.54	60.69	100	0	P	V
		17981.1	59.87	-14.13	74	50.1	48.66	19.03	57.92	243	305	P	V
		17981.1	49.18	-4.82	54	39.41	48.66	19.03	57.92	243	305	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+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		5145.86	54.27	-19.73	74	42.49	31.8	9.99	30.01	322	272	P	H
		5147.22	45.24	-8.76	54	33.46	31.8	9.99	30.01	322	272	A	H
	*	5270	109.25	-	-	97.94	31.2	10.11	30	322	272	P	H
	*	5270	101.63	-	-	90.32	31.2	10.11	30	322	272	A	H
		5354.4	58.76	-15.24	74	47.46	31.13	10.17	30	322	272	P	H
		5353.92	50.82	-3.18	54	39.53	31.12	10.17	30	322	272	A	H
		5133.62	53.8	-20.2	74	42.03	31.8	9.98	30.01	263	76	P	V
		5148.24	44.88	-9.12	54	33.09	31.8	10	30.01	263	76	A	V
	*	5270	110.28	-	-	98.97	31.2	10.11	30	263	76	P	V
	*	5270	103.09	-	-	91.78	31.2	10.11	30	263	76	A	V
		5354.16	62.49	-11.51	74	51.2	31.12	10.17	30	263	76	P	V
		5353.44	52.23	-1.77	54	40.94	31.12	10.17	30	263	76	A	V
802.11n HT40 CH 62 5310MHz		5133.28	52.22	-21.78	74	40.45	31.8	9.98	30.01	335	279	P	H
		5145.52	43.38	-10.62	54	31.6	31.8	9.99	30.01	335	279	A	H
	*	5310	104.24	-	-	92.92	31.18	10.14	30	335	279	P	H
	*	5310	96.58	-	-	85.26	31.18	10.14	30	335	279	A	H
		5354.64	60.28	-13.72	74	48.98	31.13	10.17	30	335	279	P	H
		5352	50.64	-3.36	54	39.36	31.11	10.17	30	335	279	A	H
		5085.68	51.14	-22.86	74	39.45	31.77	9.93	30.01	288	76	P	V
		5130.22	42.77	-11.23	54	31	31.8	9.98	30.01	288	76	A	V
	*	5310	105.56	-	-	94.24	31.18	10.14	30	288	76	P	V
	*	5310	97.93	-	-	86.61	31.18	10.14	30	288	76	A	V
		5352.48	61.44	-12.56	74	50.16	31.11	10.17	30	288	76	P	V
		5350.08	52.77	-1.23	54	41.5	31.1	10.17	30	288	76	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+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	52.17	-16.03	68.2	58.84	39.7	14.55	60.92	100	0	P	H
		15810	46.59	-27.41	74	53.36	37.11	17.45	61.33	100	0	P	H
		18000	60.28	-13.72	74	49.48	49	19.04	57.24	100	128	P	H
		18000	50.46	-3.54	54	39.66	49	19.04	57.24	100	128	A	H
		10540	50.78	-17.42	68.2	57.45	39.7	14.55	60.92	100	0	P	V
		15810	47.58	-26.42	74	54.35	37.11	17.45	61.33	100	0	P	V
		17988.9	60.4	-13.6	74	49.84	48.8	19.03	57.27	300	274	P	V
		17988.9	50.6	-3.4	54	40.04	48.8	19.03	57.27	300	274	A	V
802.11n HT40 CH 62 5310MHz		10620	48.91	-25.09	74	55.49	39.74	14.59	60.91	100	0	P	H
		15930	46.55	-27.45	74	52.67	37.23	17.53	60.88	100	0	P	H
		17988.9	60.25	-13.75	74	49.69	48.8	19.03	57.27	100	134	P	H
		17988.9	50.41	-3.59	54	39.85	48.8	19.03	57.27	100	134	A	H
		10620	48.72	-25.28	74	55.3	39.74	14.59	60.91	100	0	P	V
		15930	46.03	-27.97	74	52.15	37.23	17.53	60.88	100	0	P	V
		18000	59.87	-14.13	74	49.07	49	19.04	57.24	300	264	P	V
		18000	50.14	-3.86	54	39.34	49	19.04	57.24	300	264	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+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		5145.86	56.06	-17.94	74	44.28	31.8	9.99	30.01	250	265	P	H
		5143.82	47.78	-6.22	54	36	31.8	9.99	30.01	250	265	A	H
	*	5290	101.63	-	-	90.31	31.2	10.12	30	250	265	P	H
	*	5290	94.82	-	-	83.5	31.2	10.12	30	250	265	A	H
		5356.32	60.6	-13.4	74	49.28	31.14	10.18	30	250	265	P	H
		5364.72	52.04	-1.96	54	40.67	31.19	10.18	30	250	265	A	H
		5147.9	55.25	-18.75	74	43.46	31.8	10	30.01	250	77	P	V
		5134.98	46.82	-7.18	54	35.05	31.8	9.98	30.01	250	77	A	V
	*	5290	104.28	-	-	92.96	31.2	10.12	30	250	77	P	V
	*	5290	96.83	-	-	85.51	31.2	10.12	30	250	77	A	V
		5363.76	60.81	-13.19	74	49.45	31.18	10.18	30	250	77	P	V
		5351.76	52.02	-1.98	54	40.74	31.11	10.17	30	250	77	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+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	48.48	-19.72	68.2	55.13	39.7	14.57	60.92	100	0	P	H
		15870	47.25	-26.75	74	53.69	37.17	17.49	61.1	100	0	P	H
		17988.9	60.23	-13.77	74	49.67	48.8	19.03	57.27	100	0	P	H
		17988.9	50.03	-3.97	54	39.47	48.8	19.03	57.27	100	0	A	H
		10580	47.73	-20.47	68.2	54.38	39.7	14.57	60.92	100	0	P	V
		15870	47.46	-26.54	74	53.9	37.17	17.49	61.1	100	0	P	V
		17977.8	59.96	-14.04	74	49.62	48.6	19.03	57.29	100	20	P	V
		17977.8	50.01	-3.99	54	39.67	48.6	19.03	57.29	100	20	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5460.08	59.93	-8.27	68.2	48.06	31.6	10.26	29.99	246	260	P	H
		5469.68	64.35	-3.85	68.2	52.47	31.6	10.27	29.99	246	260	P	H
		5458.96	50.89	-3.11	54	39.02	31.6	10.26	29.99	246	260	A	H
	*	5500	112.86	-	-	100.95	31.6	10.3	29.99	246	260	P	H
	*	5500	105.41	-	-	93.5	31.6	10.3	29.99	246	260	A	H
		5457.84	59.68	-14.32	74	47.81	31.6	10.26	29.99	237	284	P	V
		5469.52	65.33	-2.87	68.2	53.45	31.6	10.27	29.99	237	284	P	V
		5458.8	50.43	-3.57	54	38.56	31.6	10.26	29.99	237	284	A	V
	*	5500	113.5	-	-	101.59	31.6	10.3	29.99	237	284	P	V
	*	5500	106.68	-	-	94.77	31.6	10.3	29.99	237	284	A	V
802.11a CH 116 5580MHz		5425.6	54.37	-19.63	74	42.63	31.5	10.23	29.99	248	251	P	H
		5462.8	53.93	-14.27	68.2	42.06	31.6	10.26	29.99	248	251	P	H
		5420.8	44.97	-9.03	54	33.25	31.48	10.23	29.99	248	251	A	H
	*	5580	116.31	-	-	104.44	31.56	10.36	30.05	248	251	P	H
	*	5580	108.48	-	-	96.61	31.56	10.36	30.05	248	251	A	H
		5744.84	53.65	-14.55	68.2	41.49	31.79	10.54	30.17	248	251	P	H
		5457.28	54.38	-19.62	74	42.51	31.6	10.26	29.99	232	290	P	V
		5462.08	55.19	-13.01	68.2	43.32	31.6	10.26	29.99	232	290	P	V
		5456.56	44.61	-9.39	54	32.74	31.6	10.26	29.99	232	290	A	V
	*	5580	116.73	-	-	104.86	31.56	10.36	30.05	232	290	P	V
	*	5580	108.8	-	-	96.93	31.56	10.36	30.05	232	290	A	V
		5742.635	54	-14.2	68.2	41.83	31.79	10.54	30.16	232	290	P	V



802.11a CH 140 5700MHz	*	5700	110.23	-	-	98.17	31.7	10.49	30.13	233	87	P	H
	*	5700	102.65	-	-	90.59	31.7	10.49	30.13	233	87	A	H
		5725.8	65.97	-2.23	68.2	53.85	31.75	10.52	30.15	233	87	P	H
	*	5700	110.44	-	-	98.38	31.7	10.49	30.13	247	286	P	V
	*	5700	102.63	-	-	90.57	31.7	10.49	30.13	247	286	A	V
		5727.08	62.16	-6.04	68.2	50.04	31.75	10.52	30.15	247	286	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+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	55.33	-18.67	74	61.24	40.4	14.79	61.1	310	201	P	H
		11000	45.65	-8.35	54	51.56	40.4	14.79	61.1	310	201	A	H
		16500	48.28	-19.92	68.2	50.84	38.9	17.94	59.4	100	0	P	H
		18000	60.67	-13.33	74	50.53	49	19.04	57.9	308	258	P	H
		18000	49.05	-4.95	54	38.91	49	19.04	57.9	308	258	A	H
		11000	53.49	-20.51	74	59.4	40.4	14.79	61.1	307	338	P	V
		11000	44.11	-9.89	54	50.02	40.4	14.79	61.1	307	338	A	V
		16500	48.71	-19.49	68.2	51.27	38.9	17.94	59.4	100	0	P	V
		18000	60.5	-13.5	74	50.36	49	19.04	57.9	267	316	P	V
		18000	48.98	-5.02	54	38.84	49	19.04	57.9	267	316	A	V
802.11a CH 116 5580MHz		11160	59.01	-14.99	74	65.22	39.96	14.87	61.04	300	196	P	H
		11160	49.02	-4.98	54	55.23	39.96	14.87	61.04	300	196	A	H
		16740	53.08	-15.12	68.2	54.28	39.94	18.12	59.26	100	0	P	H
		17993.7	61.16	-12.84	74	51.14	48.89	19.04	57.91	306	255	P	H
		17993.7	50.78	-3.22	54	40.76	48.89	19.04	57.91	306	255	A	H
		11160	57.71	-16.29	74	63.92	39.96	14.87	61.04	305	338	P	V
		11160	47.71	-6.29	54	53.92	39.96	14.87	61.04	305	338	A	V
		16740	50.72	-17.48	68.2	51.92	39.94	18.12	59.26	100	0	P	V
		17993.7	60.81	-13.19	74	50.79	48.89	19.04	57.91	266	317	P	V
		17993.7	50.63	-3.37	54	40.61	48.89	19.04	57.91	266	317	A	V



802.11a CH 140 5700MHz		11420	49.09	-24.91	74	55	40.02	15	60.93	100	0	P	H
		17130	50.83	-17.37	68.2	50.71	40.66	18.4	58.94	100	0	P	H
		18000	60.26	-13.74	74	50.12	49	19.04	57.9	260	307	P	H
		18000	48.48	-5.52	54	38.34	49	19.04	57.9	260	307	A	H
		11420	49.59	-24.41	74	55.5	40.02	15	60.93	100	0	P	V
		17130	50.25	-17.95	68.2	50.13	40.66	18.4	58.94	100	0	P	V
		17993.7	61.35	-12.65	74	51.33	48.89	19.04	57.91	260	315	P	V
		17993.7	50.17	-3.83	54	40.15	48.89	19.04	57.91	260	315	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+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		5457.68	61.16	-12.84	74	49.29	31.6	10.26	29.99	253	257	P	H
		5469.84	64.9	-3.3	68.2	53.02	31.6	10.27	29.99	253	257	P	H
		5459.76	50.1	-3.9	54	38.23	31.6	10.26	29.99	253	257	A	H
	*	5500	111.41	-	-	99.5	31.6	10.3	29.99	253	257	P	H
	*	5500	104.02	-	-	92.11	31.6	10.3	29.99	253	257	A	H
		5451.76	59.69	-14.31	74	47.83	31.6	10.25	29.99	236	285	P	V
		5469.36	63.76	-4.44	68.2	51.88	31.6	10.27	29.99	236	285	P	V
		5459.28	49.65	-4.35	54	37.78	31.6	10.26	29.99	236	285	A	V
	*	5500	112.04	-	-	100.13	31.6	10.3	29.99	236	285	P	V
	*	5500	103.9	-	-	91.99	31.6	10.3	29.99	236	285	A	V
802.11n HT20 CH 116 5580MHz		5415.52	53.83	-20.17	74	42.15	31.46	10.22	30	244	260	P	H
		5463.28	54.32	-13.88	68.2	42.45	31.6	10.26	29.99	244	260	P	H
		5418.88	44.33	-9.67	54	32.61	31.48	10.23	29.99	244	260	A	H
	*	5580	114.55	-	-	102.68	31.56	10.36	30.05	244	260	P	H
	*	5580	106.22	-	-	94.35	31.56	10.36	30.05	244	260	A	H
		5732.87	53.07	-15.13	68.2	40.93	31.77	10.53	30.16	244	260	P	H
		5412.4	53.35	-20.65	74	41.68	31.45	10.22	30	256	300	P	V
		5461.12	52.85	-15.35	68.2	40.98	31.6	10.26	29.99	256	300	P	V
		5421.52	43.83	-10.17	54	32.1	31.49	10.23	29.99	256	300	A	V
	*	5580	114.49	-	-	102.62	31.56	10.36	30.05	256	300	P	V
	*	5580	106.71	-	-	94.84	31.56	10.36	30.05	256	300	A	V
		5745.47	52.89	-15.31	68.2	40.73	31.79	10.54	30.17	256	300	P	V



802.11n HT20 CH 140 5700MHz	*	5700	109.02	-	-	96.96	31.7	10.49	30.13	251	87	P	H
	*	5700	101.22	-	-	89.16	31.7	10.49	30.13	251	87	A	H
		5726.6	64.94	-3.26	68.2	52.82	31.75	10.52	30.15	251	87	P	H
	*	5700	108.89	-	-	96.83	31.7	10.49	30.13	267	74	P	V
	*	5700	101.65	-	-	89.59	31.7	10.49	30.13	267	74	A	V
		5725.16	64.02	-4.18	68.2	51.9	31.75	10.52	30.15	267	74	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+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	54.25	-19.75	74	60.16	40.4	14.79	61.1	286	198	P	H
		11000	44.64	-9.36	54	50.55	40.4	14.79	61.1	286	198	A	H
		16500	48.36	-19.84	68.2	50.92	38.9	17.94	59.4	100	0	P	H
		17987.4	60.53	-13.47	74	50.65	48.77	19.03	57.92	304	245	P	H
		17987.4	48.61	-5.39	54	38.73	48.77	19.03	57.92	304	245	A	H
		11000	49.85	-24.15	74	55.76	40.4	14.79	61.1	100	0	P	V
		16500	48.44	-19.76	68.2	51	38.9	17.94	59.4	100	0	P	V
		17993.7	60.54	-13.46	74	50.52	48.89	19.04	57.91	265	307	P	V
		17993.7	48.72	-5.28	54	38.7	48.89	19.04	57.91	265	307	A	V
802.11n HT20 CH 116 5580MHz		11160	58.37	-15.63	74	64.58	39.96	14.87	61.04	299	196	P	H
		11160	48.25	-5.75	54	54.46	39.96	14.87	61.04	299	196	A	H
		16740	51.13	-17.07	68.2	52.33	39.94	18.12	59.26	100	0	P	H
		17993.7	60.68	-13.32	74	50.66	48.89	19.04	57.91	308	264	P	H
		17993.7	49.86	-4.14	54	39.84	48.89	19.04	57.91	308	264	A	H
		11160	57.05	-16.95	74	63.26	39.96	14.87	61.04	100	0	P	V
		11160	47.23	-6.77	54	53.44	39.96	14.87	61.04	100	0	A	V
		16740	50.43	-17.77	68.2	51.63	39.94	18.12	59.26	100	0	P	V
		17981.1	60.32	-13.68	74	50.55	48.66	19.03	57.92	269	287	P	V
		17981.1	49.6	-4.4	54	39.83	48.66	19.03	57.92	269	287	A	V



802.11n HT20 CH 140 5700MHz		11400	52.28	-21.72	74	58.23	40	14.99	60.94	314	213	P	H
		11400	42.34	-11.66	54	48.29	40	14.99	60.94	314	213	A	H
		17100	52.03	-16.17	68.2	52.03	40.6	18.38	58.98	100	0	P	H
		17987.4	60.84	-13.16	74	50.96	48.77	19.03	57.92	304	332	P	H
		17987.4	49.14	-4.86	54	39.26	48.77	19.03	57.92	304	332	A	H
		11400	48.93	-25.07	74	54.88	40	14.99	60.94	100	0	P	V
		17100	51.67	-16.53	68.2	51.67	40.6	18.38	58.98	100	0	P	V
		17987.4	60.65	-13.35	74	50.77	48.77	19.03	57.92	254	301	P	V
		17987.4	49.13	-4.87	54	39.25	48.77	19.03	57.92	254	301	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+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		5458.54	60.7	-13.3	74	48.83	31.6	10.26	29.99	250	265	P	H
		5469.07	64.41	-3.79	68.2	52.53	31.6	10.27	29.99	250	265	P	H
		5459.08	51.08	-2.92	54	39.21	31.6	10.26	29.99	250	265	A	H
	*	5510	105.22	-	-	93.34	31.58	10.3	30	250	265	P	H
	*	5510	97.96	-	-	86.08	31.58	10.3	30	250	265	A	H
		5743.895	51.4	-16.8	68.2	39.24	31.79	10.54	30.17	250	265	P	H
		5459.89	62.03	-11.97	74	50.16	31.6	10.26	29.99	250	68	P	V
		5469.34	65.43	-2.77	68.2	53.55	31.6	10.27	29.99	250	68	P	V
		5459.89	52.74	-1.26	54	40.87	31.6	10.26	29.99	250	68	A	V
	*	5510	106.47	-	-	94.59	31.58	10.3	30	250	68	P	V
	*	5510	99.14	-	-	87.26	31.58	10.3	30	250	68	A	V
		5735.39	50.77	-17.43	68.2	38.63	31.77	10.53	30.16	250	68	P	V
802.11n HT40 CH 110 5550MHz		5453.68	60.05	-13.95	74	48.18	31.6	10.26	29.99	250	266	P	H
		5469.07	62.9	-5.3	68.2	51.02	31.6	10.27	29.99	250	266	P	H
		5452.33	52.1	-1.9	54	40.24	31.6	10.25	29.99	250	266	A	H
	*	5550	109.88	-	-	98.07	31.5	10.34	30.03	250	266	P	H
	*	5550	101.9	-	-	90.09	31.5	10.34	30.03	250	266	A	H
		5738.54	53.14	-15.06	68.2	40.99	31.78	10.53	30.16	250	266	P	H
		5456.11	61.91	-12.09	74	50.04	31.6	10.26	29.99	250	67	P	V
		5464.75	64.53	-3.67	68.2	52.65	31.6	10.27	29.99	250	67	P	V
		5452.33	53.19	-0.81	54	41.33	31.6	10.25	29.99	250	67	A	V
	*	5550	111.06	-	-	99.25	31.5	10.34	30.03	250	67	P	V
	*	5550	103.55	-	-	91.74	31.5	10.34	30.03	250	67	A	V
		5732.87	51.76	-16.44	68.2	39.62	31.77	10.53	30.16	250	67	P	V



802.11n HT40 CH 134 5670MHz		5457.3	52.77	-21.23	74	40.9	31.6	10.26	29.99	250	263	P	H
		5463.59	51.75	-16.45	68.2	39.88	31.6	10.26	29.99	250	263	P	H
		5443.98	43.22	-10.78	54	31.38	31.58	10.25	29.99	250	263	A	H
	*	5670	107.72	-	-	95.67	31.7	10.46	30.11	250	263	P	H
	*	5670	99.07	-	-	87.02	31.7	10.46	30.11	250	263	A	H
		5726.15	63.77	-4.43	68.2	51.65	31.75	10.52	30.15	250	263	P	H
		5416.6	52.63	-21.37	74	40.94	31.47	10.22	30	250	64	P	V
		5463.59	51.58	-16.62	68.2	39.71	31.6	10.26	29.99	250	64	P	V
		5459.89	43.77	-10.23	54	31.9	31.6	10.26	29.99	250	64	A	V
	*	5670	109.67	-	-	97.62	31.7	10.46	30.11	250	64	P	V
	*	5670	101.45	-	-	89.4	31.7	10.46	30.11	250	64	A	V
		5727.025	64.99	-3.21	68.2	52.87	31.75	10.52	30.15	250	64	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+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	52.44	-21.56	74	58.14	40.36	14.8	60.86	322	241	P	H
		11020	43.63	-10.37	54	49.33	40.36	14.8	60.86	322	241	A	H
		16530	49.69	-18.51	68.2	51.43	38.87	17.96	58.57	100	0	P	H
		17988.9	59.74	-14.26	74	49.18	48.8	19.03	57.27	100	134	P	H
		17988.9	50	-4	54	39.44	48.8	19.03	57.27	100	134	A	H
		11020	49.91	-24.09	74	55.61	40.36	14.8	60.86	100	0	P	V
		16530	48.81	-19.39	68.2	50.55	38.87	17.96	58.57	100	0	P	V
		18000	60.53	-13.47	74	49.73	49	19.04	57.24	300	241	P	V
		18000	50.71	-3.29	54	39.91	49	19.04	57.24	300	241	A	V
802.11n HT40 CH 110 5550MHz		11100	55.4	-18.6	74	61.22	40.2	14.84	60.86	335	218	P	H
		11100	46.15	-7.85	54	51.97	40.2	14.84	60.86	335	218	A	H
		16650	49.87	-18.33	68.2	51.17	39.25	18.05	58.6	100	0	P	H
		17988.9	60.14	-13.86	74	49.58	48.8	19.03	57.27	100	132	P	H
		17988.9	50.32	-3.68	54	39.76	48.8	19.03	57.27	100	132	A	H
		11100	49.95	-24.05	74	55.77	40.2	14.84	60.86	100	0	P	V
		16650	49.85	-18.35	68.2	51.15	39.25	18.05	58.6	100	0	P	V
		18000	59.98	-14.02	74	49.18	49	19.04	57.24	300	314	P	V
		18000	50.24	-3.76	54	39.44	49	19.04	57.24	300	314	A	V
802.11n HT40 CH 134 5670MHz		11340	48.74	-25.26	74	54.71	39.94	14.96	60.87	100	0	P	H
		17010	51.05	-17.15	68.2	50.82	40.6	18.32	58.69	100	0	P	H
		17988.9	60.44	-13.56	74	49.88	48.8	19.03	57.27	100	121	P	H
		17988.9	50.26	-3.74	54	39.7	48.8	19.03	57.27	100	121	A	H
		11340	48.4	-25.6	74	54.37	39.94	14.96	60.87	100	0	P	V
		17010	51.23	-16.97	68.2	51	40.6	18.32	58.69	100	0	P	V
		17988.9	60.63	-13.37	74	50.07	48.8	19.03	57.27	300	274	P	V
		17988.9	50.6	-3.4	54	40.04	48.8	19.03	57.27	300	274	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+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		5458.54	59.29	-14.71	74	47.42	31.6	10.26	29.99	250	261	P	H
		5463.94	59.7	-8.5	68.2	47.83	31.6	10.26	29.99	250	261	P	H
		5459.62	50.91	-3.09	54	39.04	31.6	10.26	29.99	250	261	A	H
	*	5530	99.12	-	-	87.27	31.54	10.32	30.01	250	261	P	H
	*	5530	91.27	-	-	79.42	31.54	10.32	30.01	250	261	A	H
		5761.85	52.43	-15.77	68.2	40.25	31.8	10.56	30.18	250	261	P	H
		5458	61.3	-12.7	74	49.43	31.6	10.26	29.99	250	68	P	V
		5465.02	62.63	-5.57	68.2	50.75	31.6	10.27	29.99	250	68	P	V
		5459.89	53.1	-0.9	54	41.23	31.6	10.26	29.99	250	68	A	V
	*	5530	100.43	-	-	88.58	31.54	10.32	30.01	250	68	P	V
	*	5530	92.11	-	-	80.26	31.54	10.32	30.01	250	68	A	V
		5725	51.34	-16.86	68.2	39.22	31.75	10.52	30.15	250	68	P	V
802.11ac VHT80 CH 122 5610MHz		5454.49	58.87	-15.13	74	47	31.6	10.26	29.99	246	273	P	H
		5469.07	59.49	-8.71	68.2	47.61	31.6	10.27	29.99	246	273	P	H
		5459.62	51.26	-2.74	54	39.39	31.6	10.26	29.99	246	273	A	H
	*	5610	104.87	-	-	92.93	31.62	10.39	30.07	246	273	P	H
	*	5610	97.53	-	-	85.59	31.62	10.39	30.07	246	273	A	H
		5730.35	60.09	-8.11	68.2	47.97	31.76	10.52	30.16	246	273	P	H
		5459.89	59.49	-14.51	74	47.62	31.6	10.26	29.99	263	66	P	V
		5468.8	60.64	-7.56	68.2	48.76	31.6	10.27	29.99	263	66	P	V
		5454.76	52.34	-1.66	54	40.47	31.6	10.26	29.99	263	66	A	V
	*	5610	106.36	-	-	94.42	31.62	10.39	30.07	263	66	P	V
	*	5610	98.65	-	-	86.71	31.62	10.39	30.07	263	66	A	V
		5737.595	58.94	-9.26	68.2	46.79	31.78	10.53	30.16	263	66	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+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	49.92	-24.08	74	55.68	40.28	14.82	60.86	100	0	P	H
		16590	49.44	-18.76	68.2	51.21	38.81	18.01	58.59	100	0	P	H
		17988.9	60.14	-13.86	74	49.58	48.8	19.03	57.27	300	247	P	H
		17988.9	50.33	-3.67	54	39.77	48.8	19.03	57.27	300	247	A	H
		11060	49.94	-24.06	74	55.7	40.28	14.82	60.86	100	0	P	V
		16590	48.5	-19.7	68.2	50.27	38.81	18.01	58.59	100	0	P	V
		17988.9	60.34	-13.66	74	49.78	48.8	19.03	57.27	100	136	P	V
		17988.9	50.54	-3.46	54	39.98	48.8	19.03	57.27	100	136	A	V
802.11ac VHT80 CH 122 5610MHz		11220	48.62	-25.38	74	54.76	39.82	14.9	60.86	100	0	P	H
		16830	51.19	-17.01	68.2	51.33	40.33	18.18	58.65	100	0	P	H
		17977.8	60.24	-13.76	74	49.9	48.6	19.03	57.29	300	274	P	H
		17977.8	50.09	-3.91	54	39.75	48.6	19.03	57.29	300	274	A	H
		11220	48.57	-25.43	74	54.71	39.82	14.9	60.86	100	0	P	V
		16830	50.87	-17.33	68.2	51.01	40.33	18.18	58.65	100	0	P	V
		18000	60.35	-13.65	74	49.55	49	19.04	57.24	100	129	P	V
		18000	50.74	-3.26	54	39.94	49	19.04	57.24	100	129	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5452.18	52.23	-21.77	74	40.37	31.6	10.25	29.99	244	88	P	H
		5464.66	52.28	-15.92	68.2	40.41	31.6	10.26	29.99	244	88	P	H
		5394.85	42.95	-11.05	54	31.37	31.37	10.21	30	244	88	A	H
	*	5720	115.56	-	-	103.46	31.74	10.51	30.15	244	88	P	H
	*	5720	107.7	-	-	95.6	31.74	10.51	30.15	244	88	A	H
		5865.5	53.21	-14.99	68.2	40.78	32.03	10.65	30.25	244	88	P	H
		5404.99	52.61	-21.39	74	40.98	31.42	10.21	30	253	69	P	V
		5465.05	51.68	-16.52	68.2	39.8	31.6	10.27	29.99	253	69	P	V
		5404.21	43.56	-10.44	54	31.93	31.42	10.21	30	253	69	A	V
	*	5720	115.9	-	-	103.8	31.74	10.51	30.15	253	69	P	V
	*	5720	107.91	-	-	95.81	31.74	10.51	30.15	253	69	A	V
		5878	52.73	-15.47	68.2	40.28	32.06	10.65	30.26	253	69	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+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	57.84	-16.16	74	63.71	40.04	15.01	60.92	327	212	P	H
		11440	48.39	-5.61	54	54.26	40.04	15.01	60.92	327	212	A	H
		17160	51.55	-16.65	68.2	51.31	40.72	18.43	58.91	100	0	P	H
		17993.7	61.21	-12.79	74	51.19	48.89	19.04	57.91	304	256	P	H
		17993.7	49.44	-4.56	54	39.42	48.89	19.04	57.91	301	346	A	H
		11440	57.18	-16.82	74	63.05	40.04	15.01	60.92	306	339	P	V
		11440	47.67	-6.33	54	53.54	40.04	15.01	60.92	306	339	A	V
		17160	50.93	-17.27	68.2	50.69	40.72	18.43	58.91	100	0	P	V
		17987.4	61.28	-12.72	74	51.4	48.77	19.03	57.92	264	315	P	V
		17987.4	49.86	-4.14	54	39.98	48.77	19.03	57.92	274	298	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+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		5426.44	51.32	-22.68	74	39.57	31.51	10.23	29.99	238	90	P	H
		5464.27	50.89	-17.31	68.2	39.02	31.6	10.26	29.99	238	90	P	H
		5394.85	42.02	-11.98	54	30.44	31.37	10.21	30	238	90	A	H
	*	5720	113.59	-	-	101.49	31.74	10.51	30.15	238	90	P	H
	*	5720	105.86	-	-	93.76	31.74	10.51	30.15	238	90	A	H
		5873.75	53.27	-14.93	68.2	40.83	32.05	10.65	30.26	238	90	P	H
		5440.48	51.63	-22.37	74	39.82	31.56	10.24	29.99	253	76	P	V
		5468.95	51.16	-17.04	68.2	39.28	31.6	10.27	29.99	253	76	P	V
		5402.65	42.48	-11.52	54	30.86	31.41	10.21	30	253	76	A	V
	*	5720	113.92	-	-	101.82	31.74	10.51	30.15	253	76	P	V
	*	5720	106.34	-	-	94.24	31.74	10.51	30.15	253	76	A	V
		5885	53.38	-14.82	68.2	40.92	32.07	10.66	30.27	253	76	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+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	57.46	-16.54	74	63.33	40.04	15.01	60.92	355	211	P	H
		11440	47.19	-6.81	54	53.06	40.04	15.01	60.92	355	211	A	H
		17160	53.84	-14.36	68.2	53.6	40.72	18.43	58.91	100	0	P	H
		17993.7	59.96	-14.04	74	49.94	48.89	19.04	57.91	301	346	P	H
		17993.7	49.44	-4.56	54	39.42	48.89	19.04	57.91	301	346	A	H
		11440	56.93	-17.07	74	62.8	40.04	15.01	60.92	291	339	P	V
		11440	47.04	-6.96	54	52.91	40.04	15.01	60.92	291	339	A	V
		17160	51.84	-16.36	68.2	51.6	40.72	18.43	58.91	100	0	P	V
		17987.4	60.38	-13.62	74	50.5	48.77	19.03	57.92	274	298	P	V
		17987.4	49.86	-4.14	54	39.98	48.77	19.03	57.92	274	298	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+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		5420.2	51.49	-22.51	74	39.77	31.48	10.23	29.99	271	262	P	H
		5463.49	51.58	-16.62	68.2	39.71	31.6	10.26	29.99	271	262	P	H
		5456.47	43.36	-10.64	54	31.49	31.6	10.26	29.99	271	262	A	H
	*	5710	111.93	-	-	99.85	31.72	10.5	30.14	271	262	P	H
	*	5710	103.16	-	-	91.08	31.72	10.5	30.14	271	262	A	H
		5862.25	56.82	-11.38	68.2	44.41	32.02	10.64	30.25	271	262	P	H
		5398.75	52.16	-21.84	74	40.56	31.39	10.21	30	324	57	P	V
		5469.34	51.37	-16.83	68.2	39.49	31.6	10.27	29.99	324	57	P	V
		5454.52	43.54	-10.46	54	31.67	31.6	10.26	29.99	324	57	A	V
	*	5710	111.44	-	-	99.36	31.72	10.5	30.14	324	57	P	V
	*	5710	104.17	-	-	92.09	31.72	10.5	30.14	324	57	A	V
		5854.75	56.93	-11.27	68.2	44.53	32.01	10.64	30.25	324	57	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+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	54.15	-19.85	74	60	40.02	15	60.87	326	209	P	H
		11420	45.55	-8.45	54	51.4	40.02	15	60.87	326	209	A	H
		17130	50.06	-18.14	68.2	49.62	40.66	18.4	58.62	100	0	P	H
		17988.9	59.93	-14.07	74	49.37	48.8	19.03	57.27	100	124	P	H
		17988.9	50.25	-3.75	54	39.69	48.8	19.03	57.27	100	124	A	H
		11420	49.91	-24.09	74	55.76	40.02	15	60.87	100	0	P	V
		17130	51.08	-17.12	68.2	50.64	40.66	18.4	58.62	100	0	P	V
		17988.9	61.06	-12.94	74	50.5	48.8	19.03	57.27	300	275	P	V
		17988.9	50.59	-3.41	54	40.03	48.8	19.03	57.27	300	275	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+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		5451.01	56.47	-17.53	74	44.61	31.6	10.25	29.99	251	256	P	H
		5461.54	58.1	-10.1	68.2	46.23	31.6	10.26	29.99	251	256	P	H
		5458.81	50.12	-3.88	54	38.25	31.6	10.26	29.99	251	256	A	H
	*	5690	107.79	-	-	95.74	31.7	10.48	30.13	251	256	P	H
	*	5690	99.61	-	-	87.56	31.7	10.48	30.13	251	256	A	H
		5850	65.07	-3.13	68.2	52.67	32	10.64	30.24	251	256	P	H
		5448.28	56.57	-17.43	74	44.72	31.59	10.25	29.99	312	59	P	V
		5462.71	56.95	-11.25	68.2	45.08	31.6	10.26	29.99	312	59	P	V
		5458.81	49.29	-4.71	54	37.42	31.6	10.26	29.99	312	59	A	V
	*	5690	107.56	-	-	95.51	31.7	10.48	30.13	312	59	P	V
	*	5690	100.4	-	-	88.35	31.7	10.48	30.13	312	59	A	V
		5850	62.85	-5.35	68.2	50.45	32	10.64	30.24	312	59	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+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	49.96	-24.04	74	55.87	39.98	14.98	60.87	100	0	P	H
		17070	50.5	-17.7	68.2	50.2	40.6	18.36	58.66	100	0	P	H
		17988.9	60.28	-13.72	74	49.72	48.8	19.03	57.27	300	230	P	H
		17988.9	50.52	-3.48	54	39.96	48.8	19.03	57.27	300	230	A	H
		11380	49.16	-24.84	74	55.07	39.98	14.98	60.87	100	0	P	V
		17070	50.82	-17.38	68.2	50.52	40.6	18.36	58.66	100	0	P	V
		18000	60.42	-13.58	74	49.62	49	19.04	57.24	100	137	P	V
		18000	50.73	-3.27	54	39.93	49	19.04	57.24	100	137	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Emission above 18GHz****WIFI 802.11n HT40 (SHF @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 SHF		22312	40.04	-33.96	74	43.53	38.84	12.25	54.58	150	0	P	H
		35754	46.07	-22.13	68.2	44.11	42.05	18.61	58.7	150	0	P	H
		23544	40.49	-27.71	68.2	43.22	38.68	12.56	53.97	150	0	P	V
		33994	43.19	-25.01	68.2	41.37	41.79	17.92	57.89	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

**Emission below 1GHz****WIFI 802.11n HT40 (LF @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		73.65	26.79	-13.21	40	45.51	12.6	1.2	32.52	-	-	P	H
		132.82	27.96	-15.54	43.5	41.39	17.45	1.64	32.52	-	-	P	H
		159.01	25.5	-18	43.5	39.59	16.61	1.8	32.5	-	-	P	H
		291.9	22.82	-23.18	46	33.98	18.94	2.38	32.48	-	-	P	H
		717.73	35.43	-10.57	46	37.49	26.76	3.63	32.45	-	-	P	H
		745.86	35.67	-10.33	46	36.53	27.88	3.71	32.45	100	0	P	H
		74.62	30.15	-9.85	40	48.74	12.7	1.22	32.51	-	-	P	V
		127	28.01	-15.49	43.5	41.47	17.46	1.61	32.53	-	-	P	V
		565.44	32.92	-13.08	46	36.09	26.14	3.27	32.58	-	-	P	V
		613.94	31.05	-14.95	46	34.66	25.4	3.41	32.42	-	-	P	V
		741.98	31.76	-14.24	46	32.71	27.8	3.7	32.45	-	-	P	V
		885.54	36.72	-9.28	46	35.43	28.86	4.13	31.7	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	P eak or A verage
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.	
1+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”.



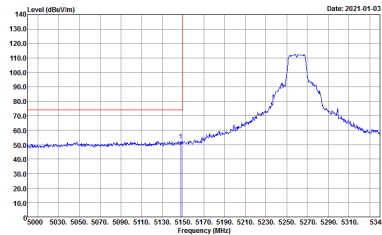
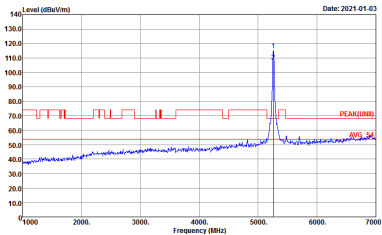
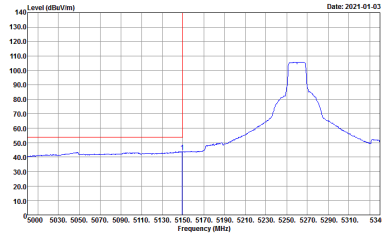
Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.2°C
		Relative Humidity :	48~60%

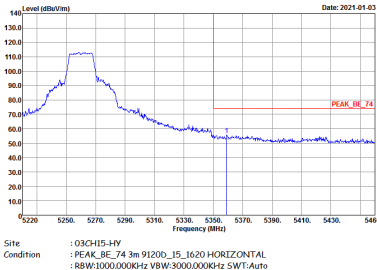
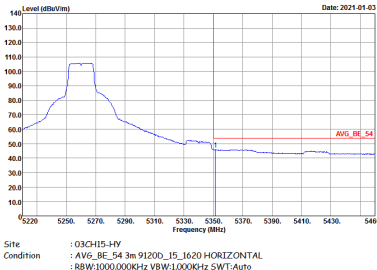
Note symbol

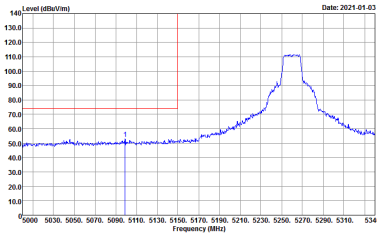
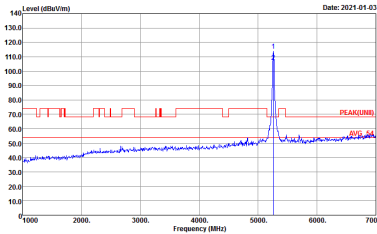
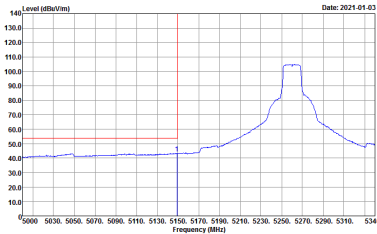
-L	Low channel location
-R	High channel location

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

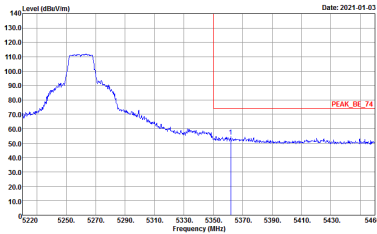
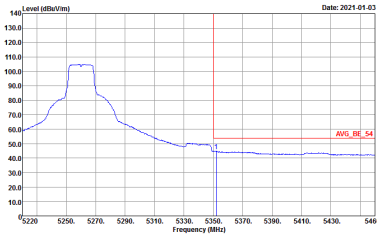
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



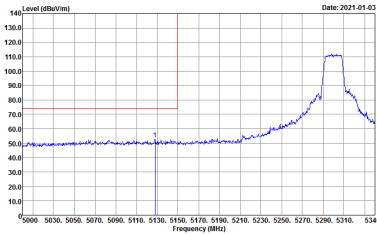
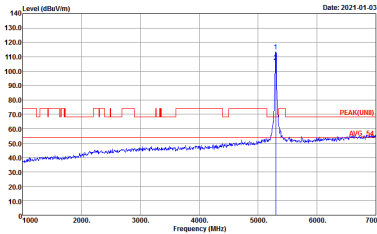
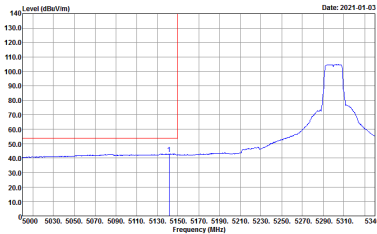
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz 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 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

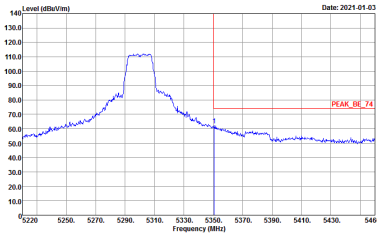
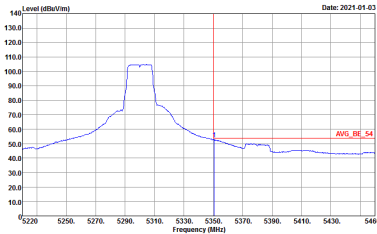


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

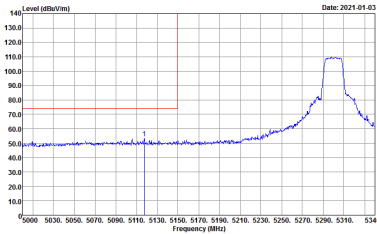
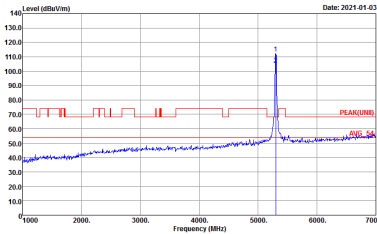
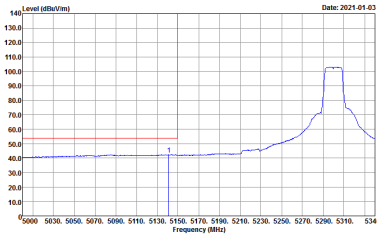


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

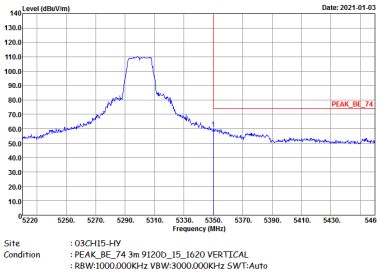
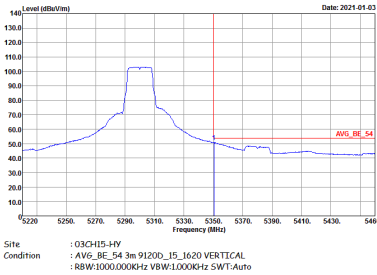


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

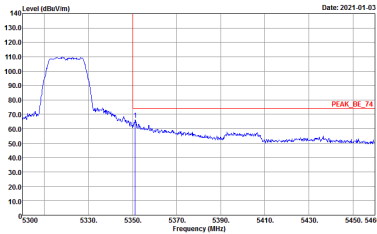
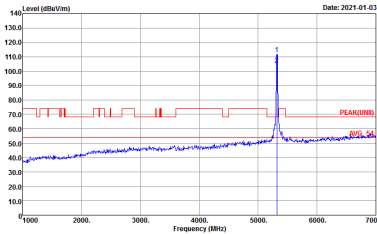
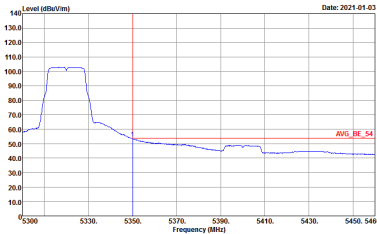


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

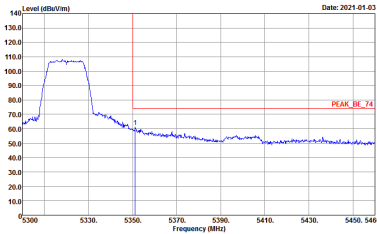
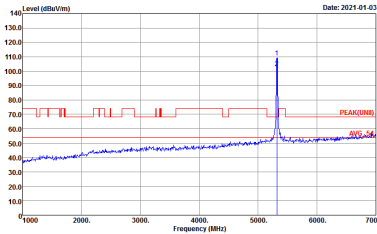
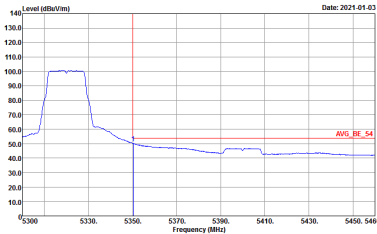


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



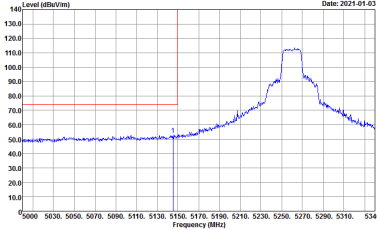
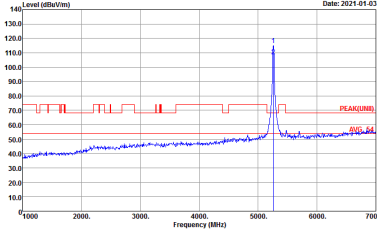
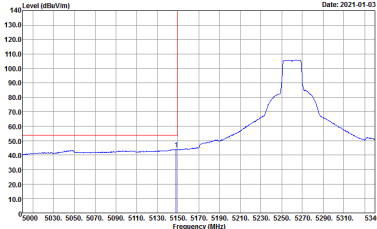
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : : PEAK(FUND) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



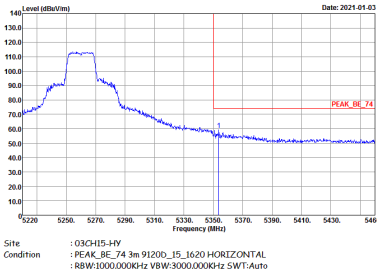
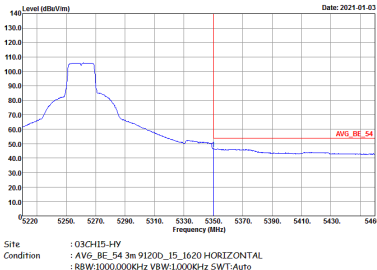
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_FUND 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz 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 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

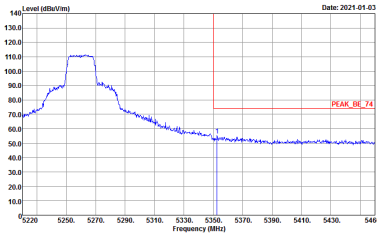
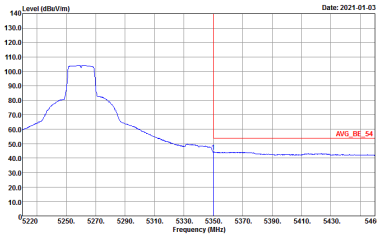


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



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 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

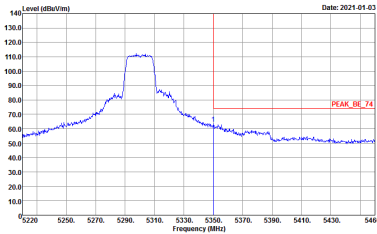
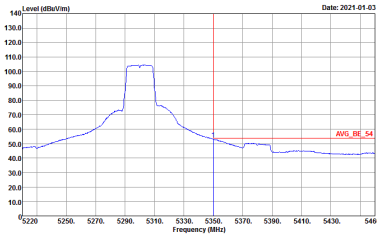


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

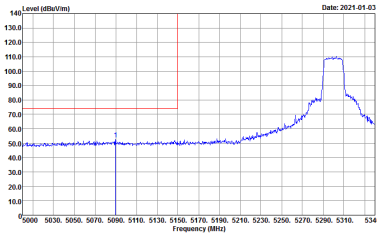
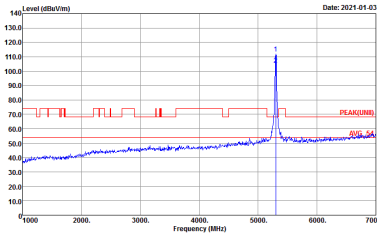
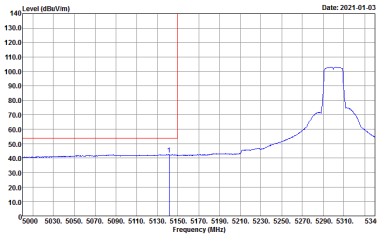


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE1) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

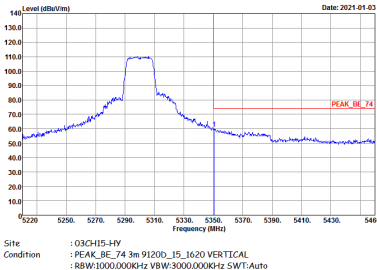
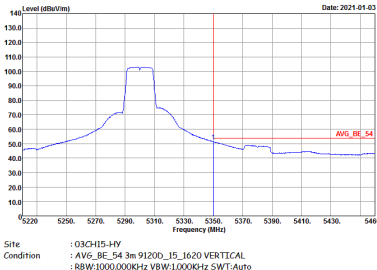


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

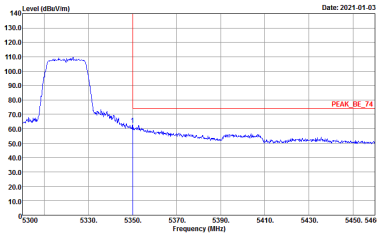
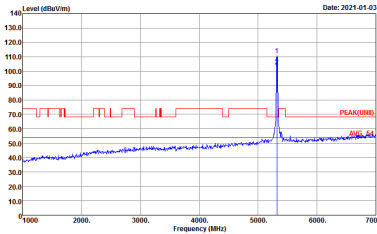
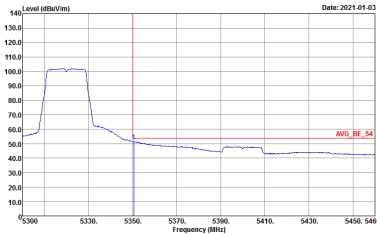


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

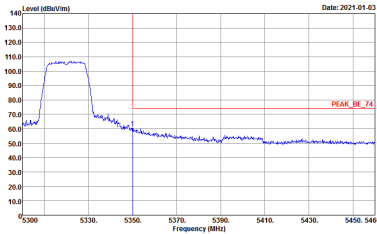
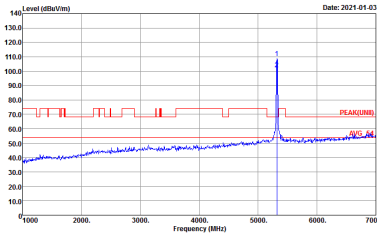
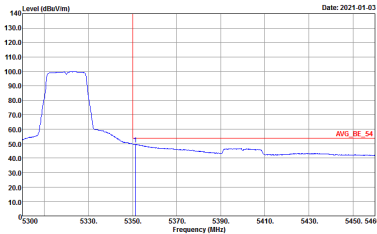


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



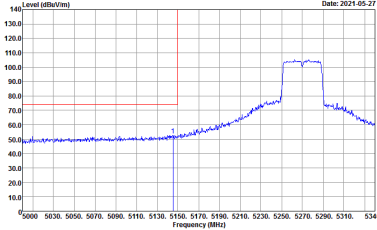
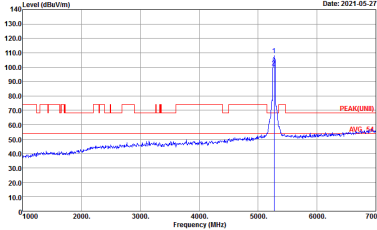
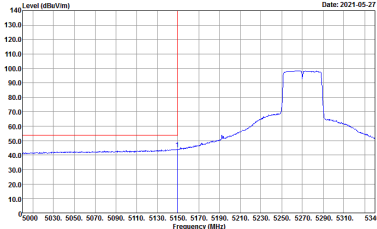
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



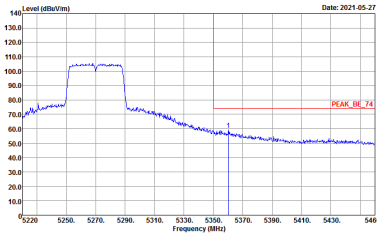
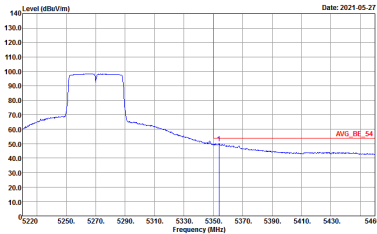
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



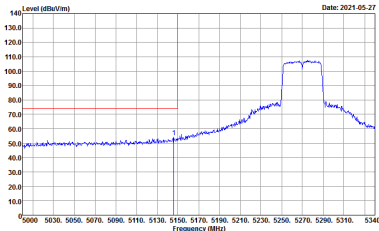
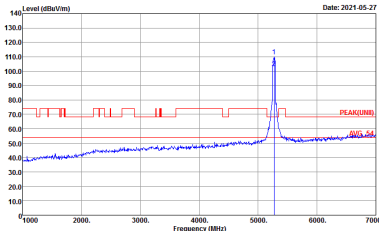
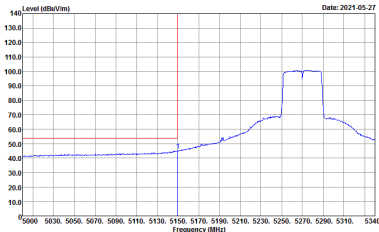
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

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 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

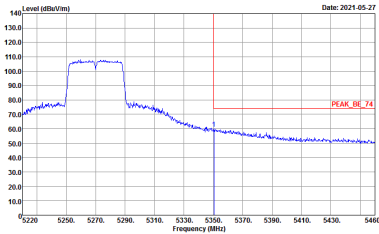
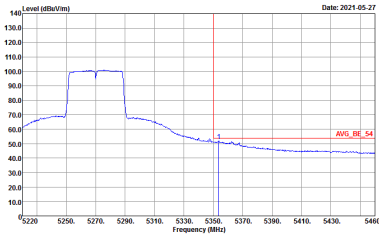


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

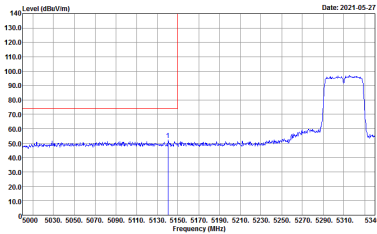
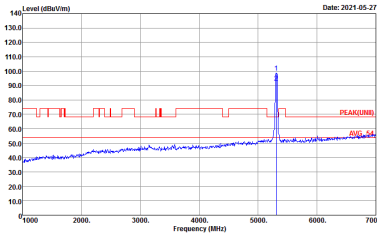
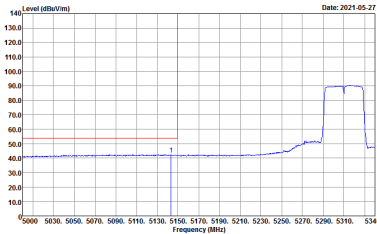


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE1) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

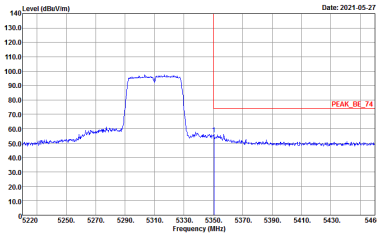
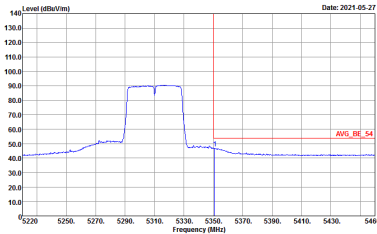


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2021-05-27	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2021-05-27	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 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE1) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

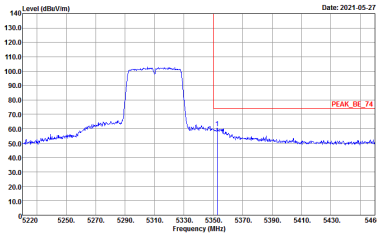
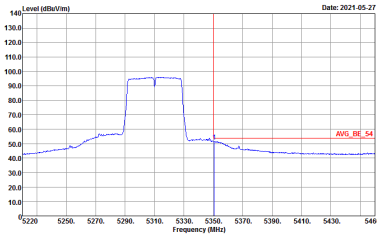


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



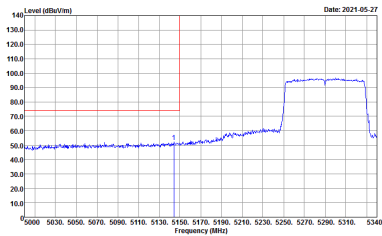
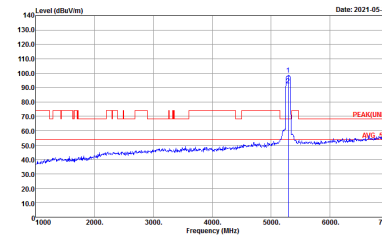
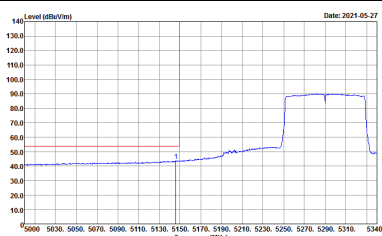
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



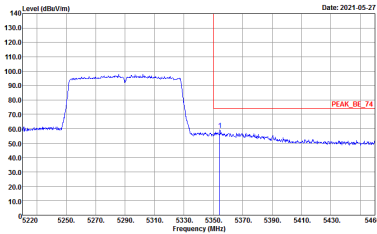
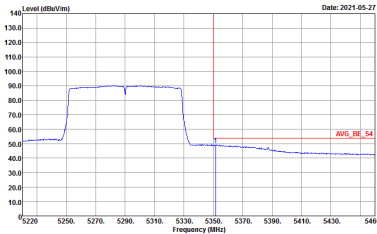
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

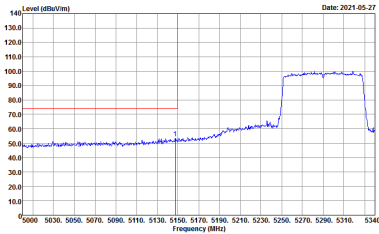
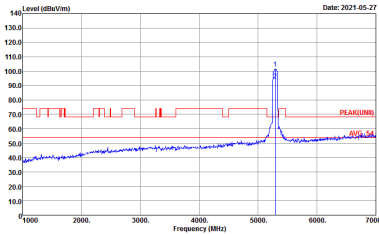
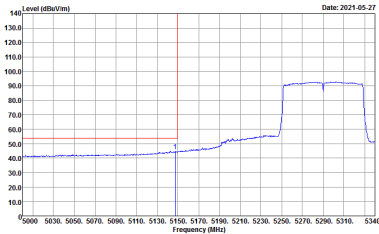


Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

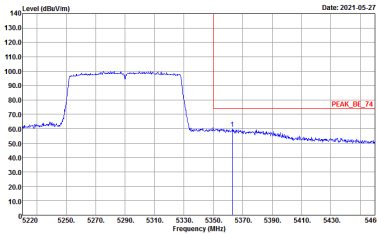
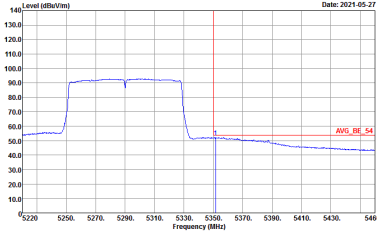
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank



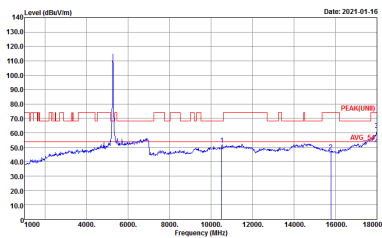
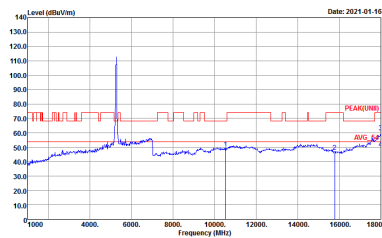
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

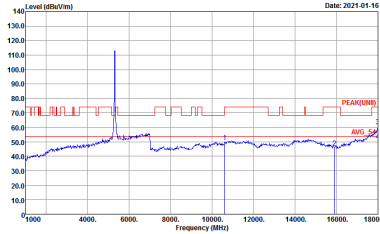
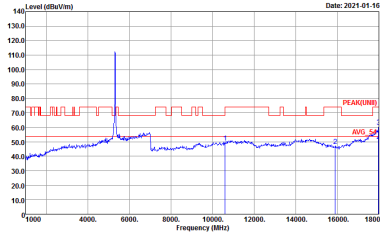
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE1) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



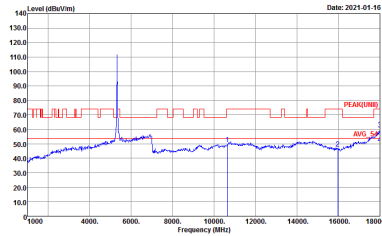
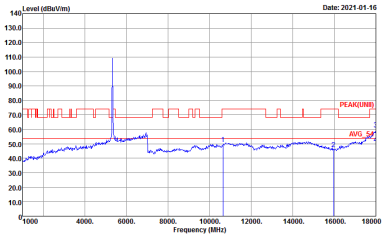
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000kHz VBW:3000.000kHz 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 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL

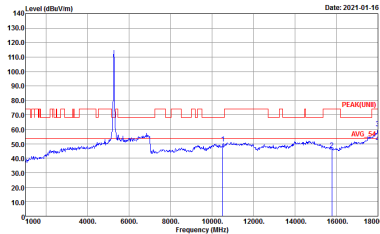
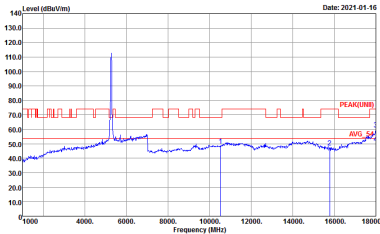
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



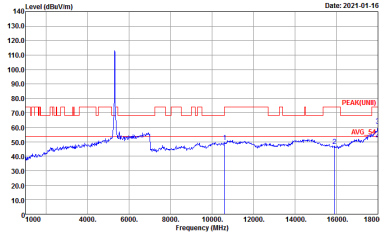
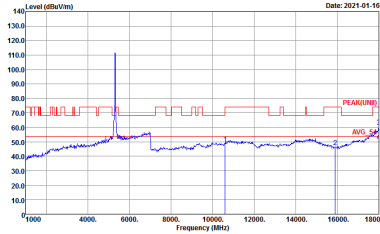
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



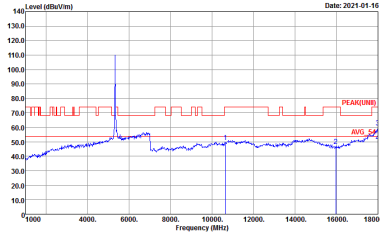
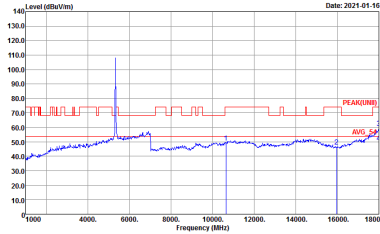
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

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 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



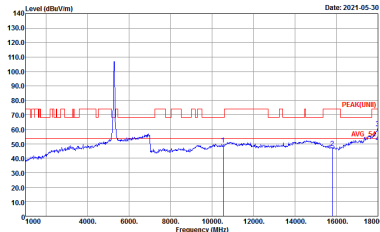
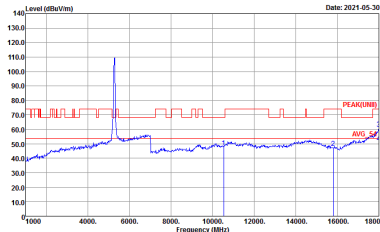
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



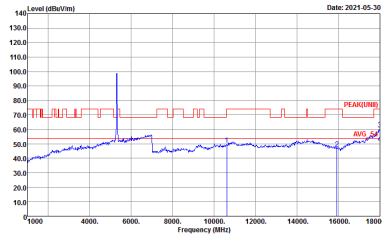
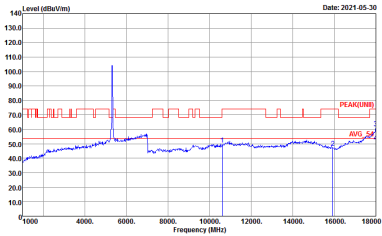
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



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

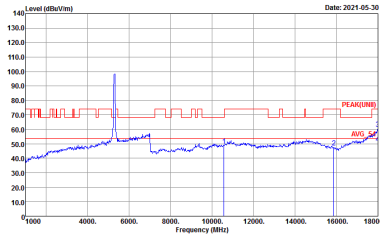
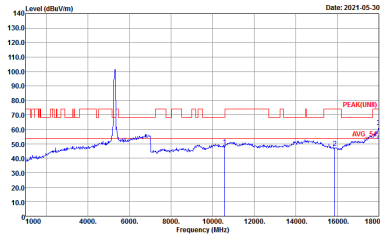
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



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 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL

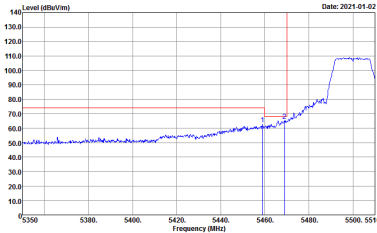
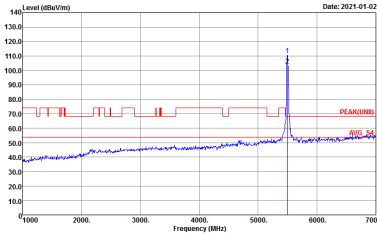
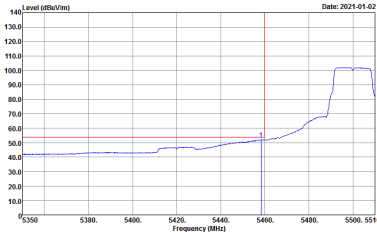


Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

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 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



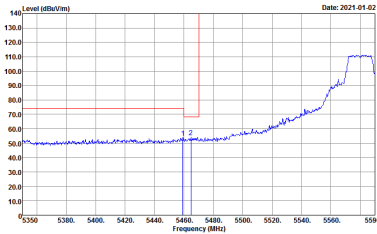
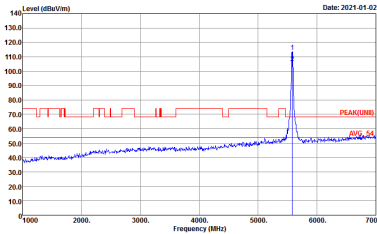
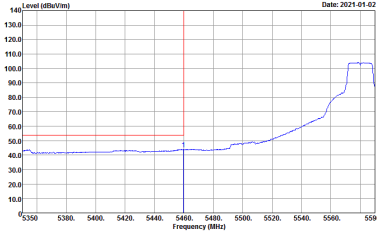
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

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 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

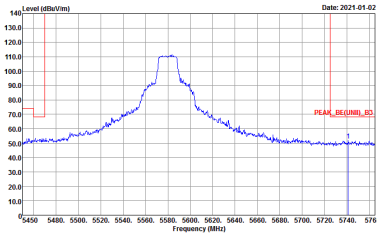


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

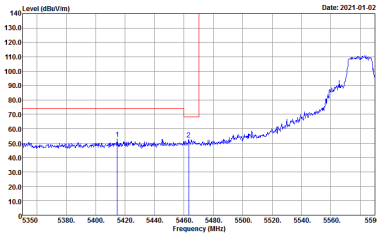
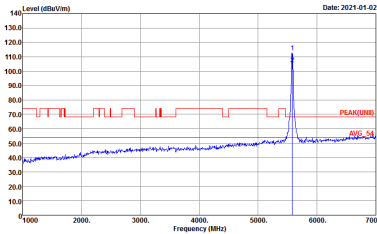
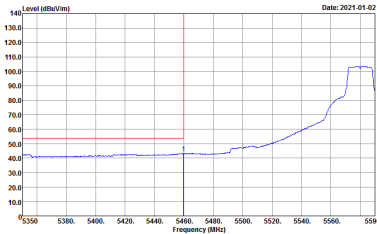


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

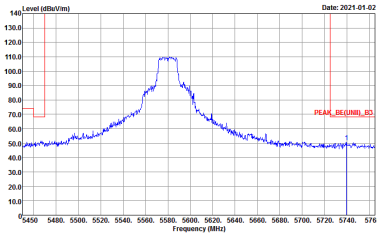


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_06(UNIT)_05 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

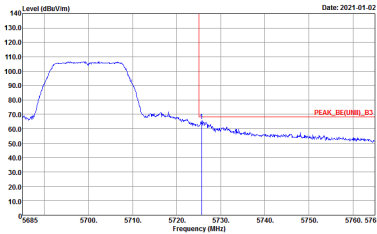
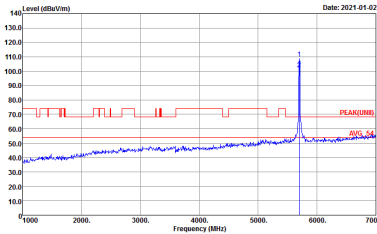


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

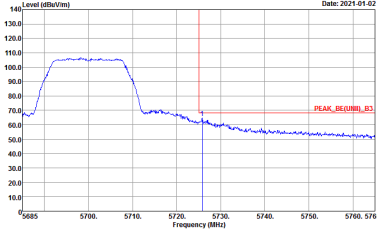
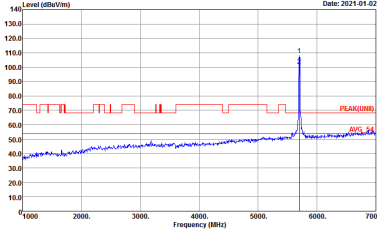


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_06(UNIT)_03 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



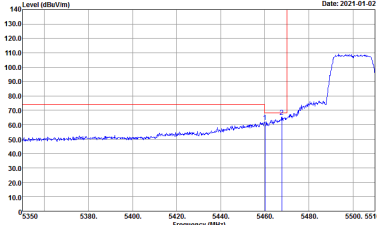
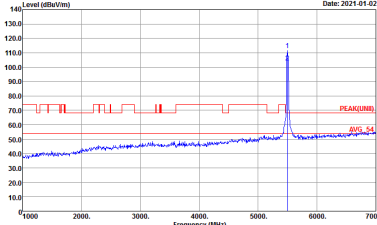
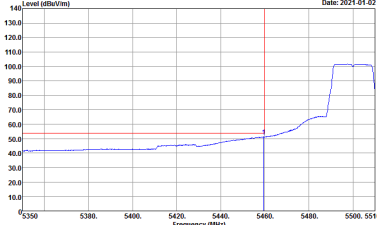
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CHI5-HY Condition : :PEAK_BC(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CHI5-HY Condition : :PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



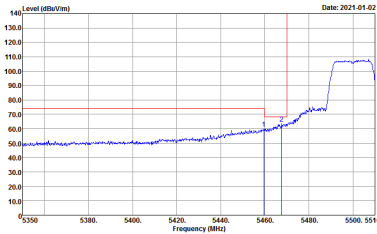
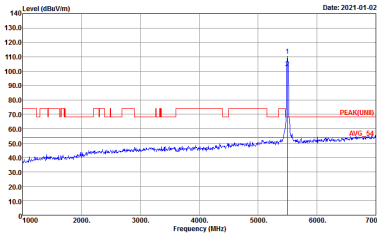
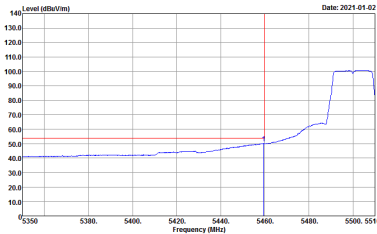
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BC(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



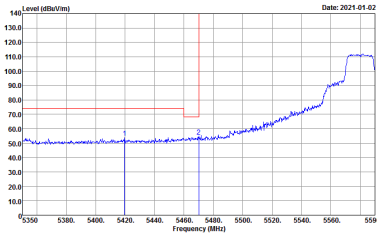
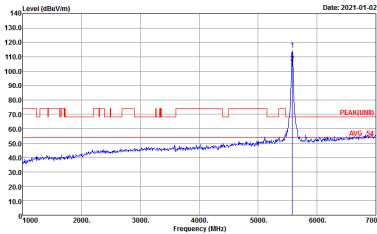
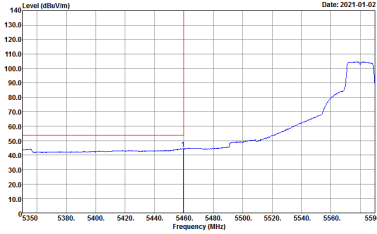
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

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 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT)_3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

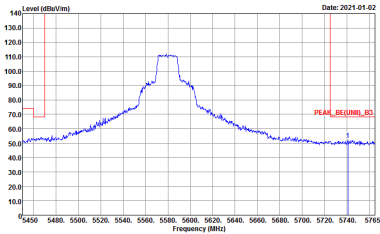


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

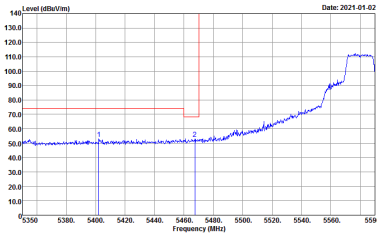
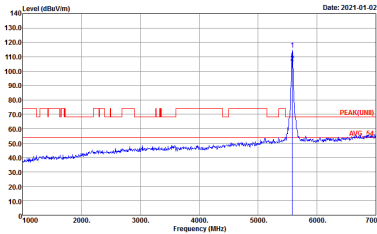
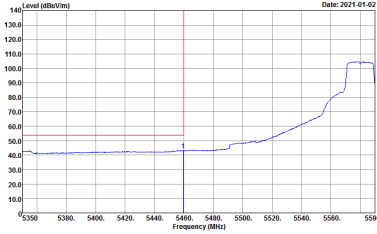


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

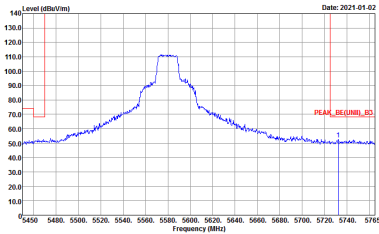


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 09CH15-HV Condition : :PEAK_BC(UNIT)_R3 3m 91200_15_1620 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2021-01-02	Left blank

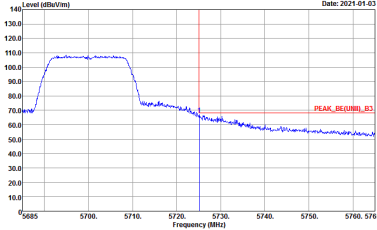
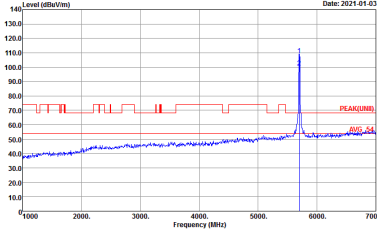


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AV6_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

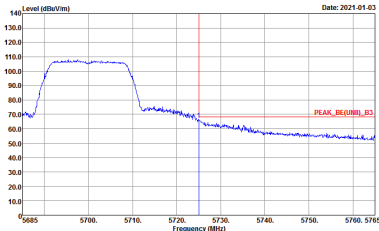
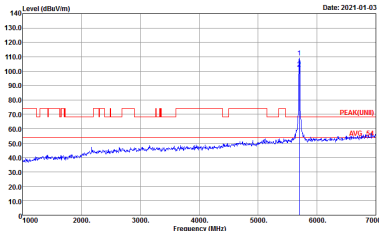


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : :PEAK_BC(UNIT)_R3 3m 91200_15_1620 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2021-01-02 PEA4_BC(UNIT)_R3	Left blank



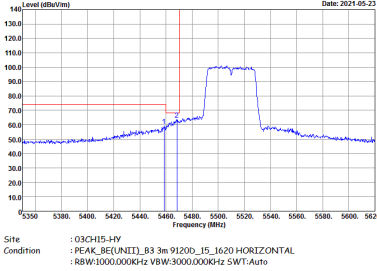
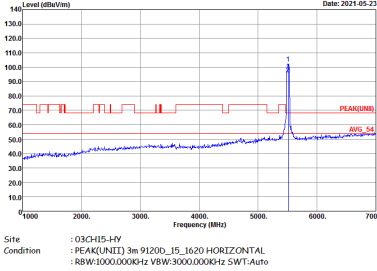
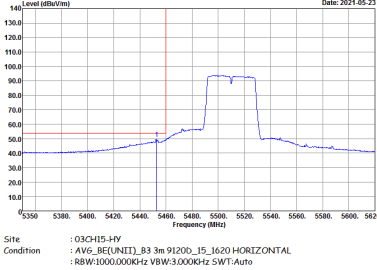
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CHI5-HY Condition : :PEAK_BC(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CHI5-HY Condition : :PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



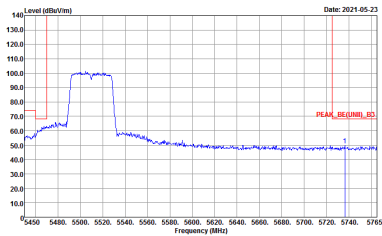
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH15-HY Condition : PEAK_86(UNIT)_R3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_86(UNIT)_R3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



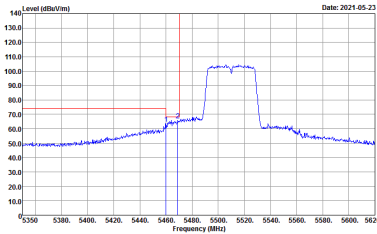
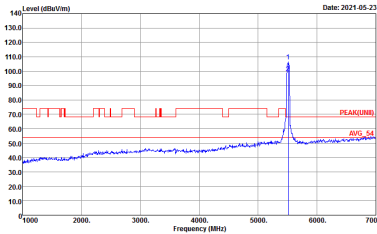
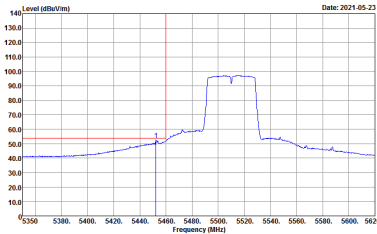
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

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 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

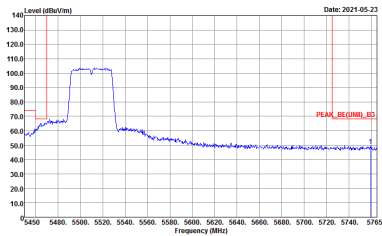


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : :PEAK_BC(UNIT)_B3 3m 91200_15_1620 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2021-05-23	Left blank

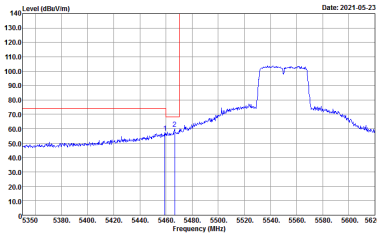
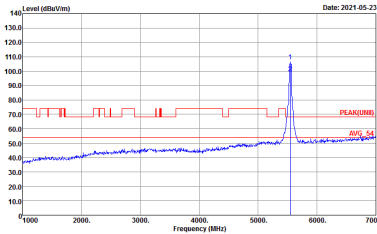
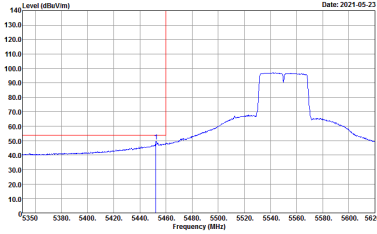


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

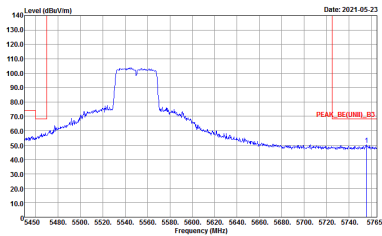


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_05(UNIT)_R3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

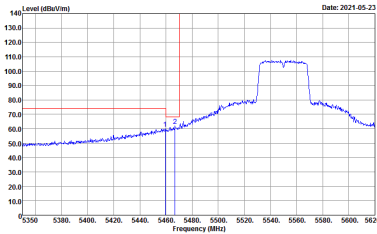
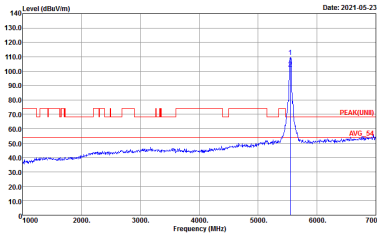
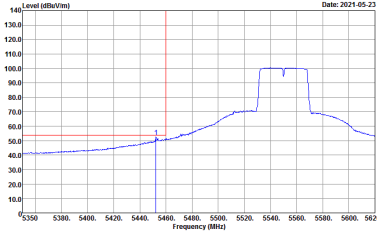


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

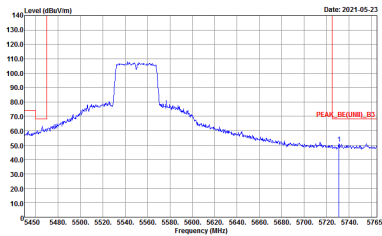


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : :PEAK_BC(UNIT)_B3 3m 91200_15_1620 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2021-05-23	Left blank

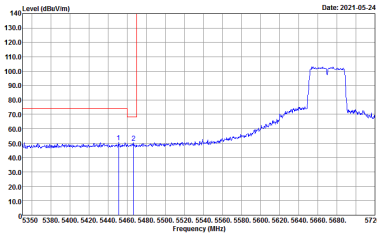
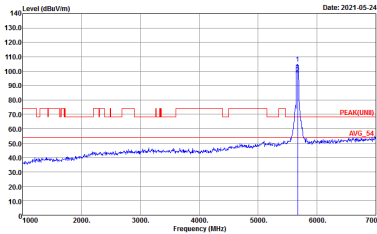
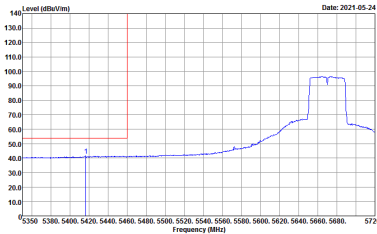


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : : PEAK(UNIT) 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

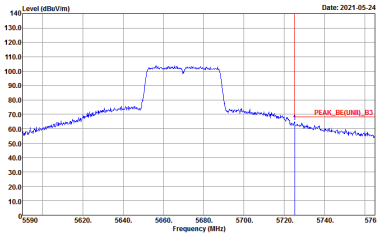


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : :PEAK_BC(UNIT)_R3 3m 91200_15_1620 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2021-05-23	Left blank

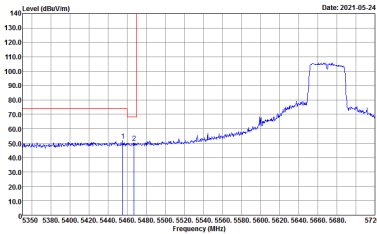
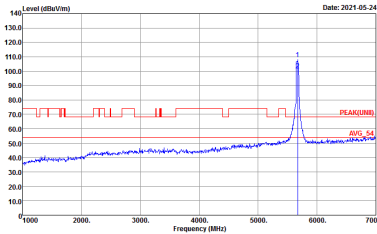
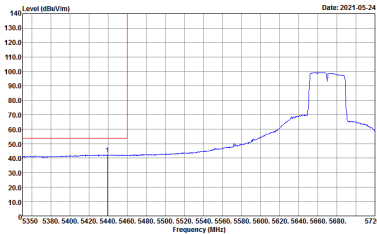


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

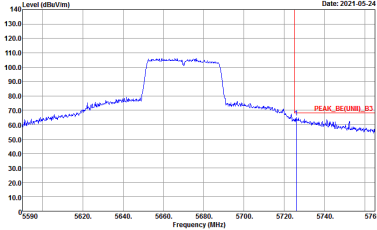


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BC(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



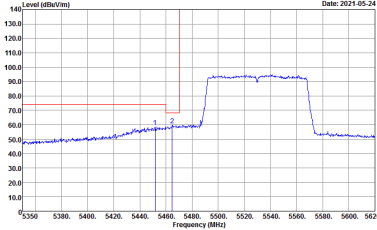
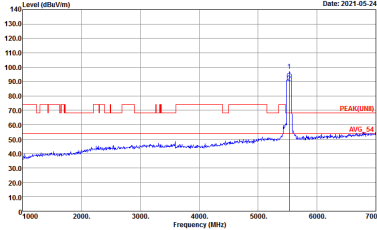
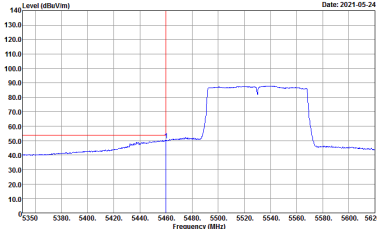
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



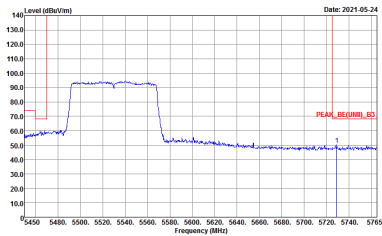
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 09CHI5-HY Condition : PEAK_BC(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



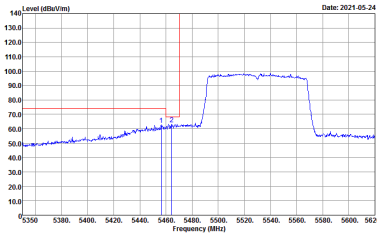
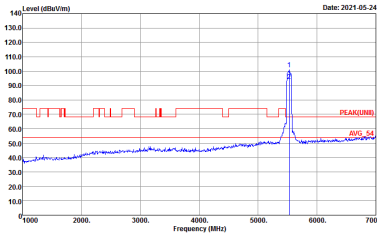
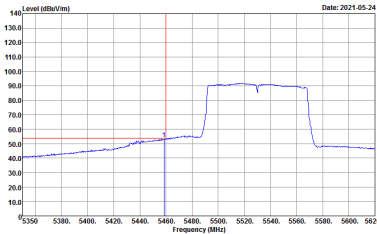
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

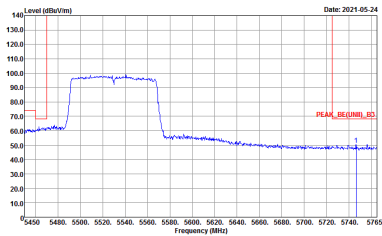


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BC(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2021-05-24	Left blank

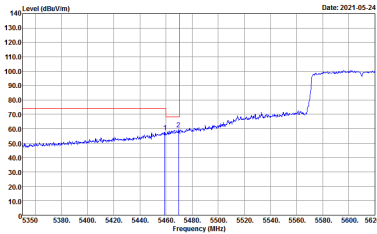
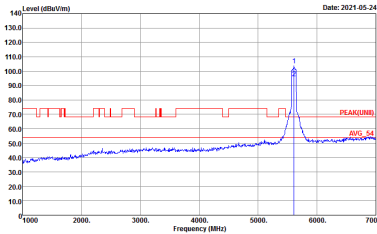
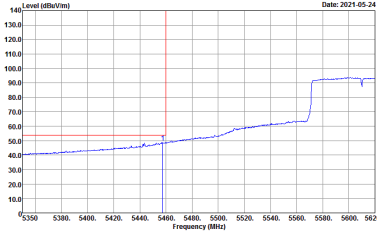


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

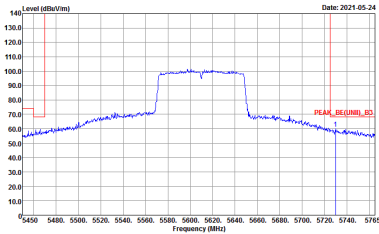


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : :PEAK_BC(UNIT)_R3 3m 91200_15_1620 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2021-05-24	Left blank

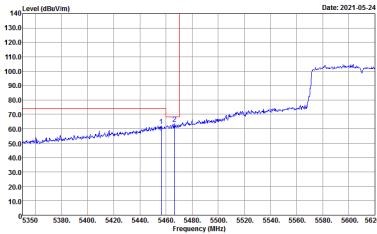
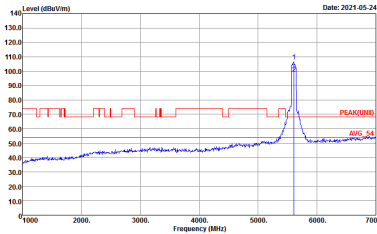
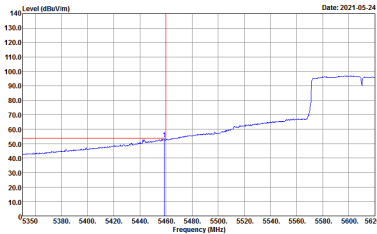


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

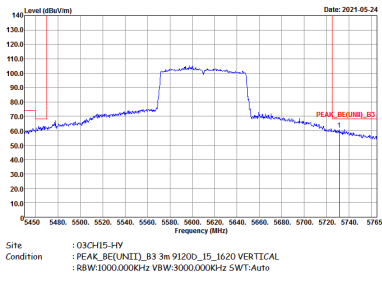


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : :PEAK_BC(UNIT)_B3 3m 91200_15_1620 HORIZONTAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2021-05-24	Left blank

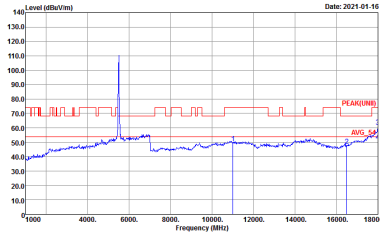
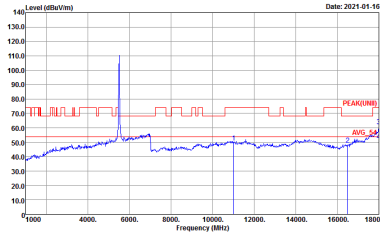


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

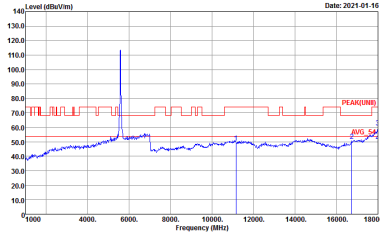
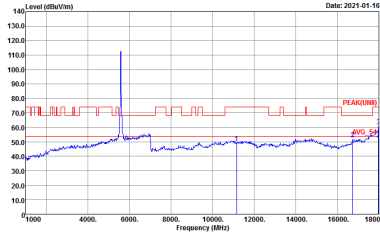


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Vertical	Fundamental
Peak	 Site : 09CH15-HV Condition : :PEAK_BC(UNIT)_R3 3m 91200_15_1620 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2021-05-24	Left blank

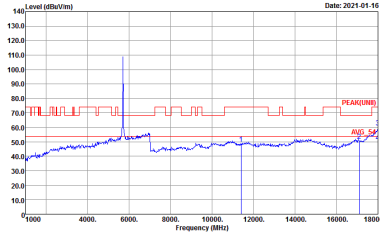
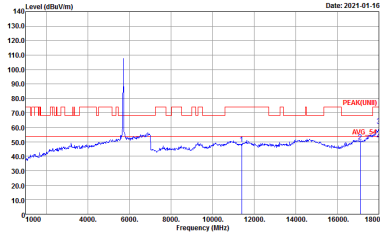
Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



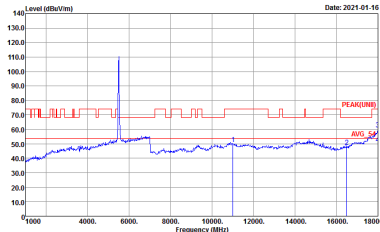
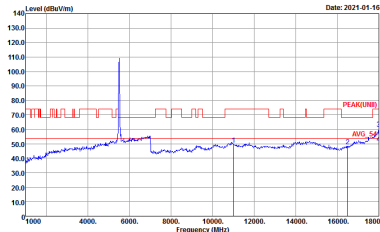
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



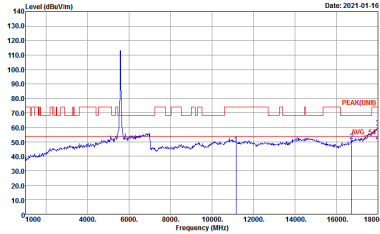
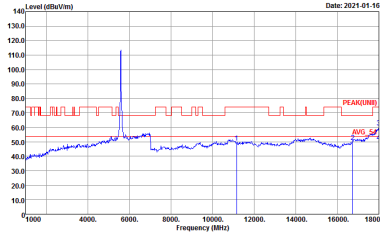
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



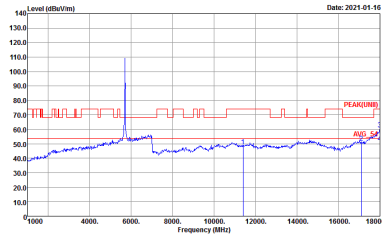
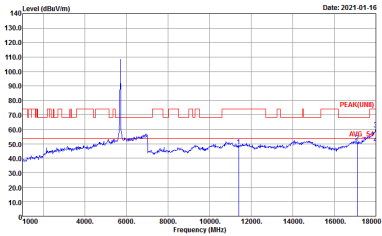
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



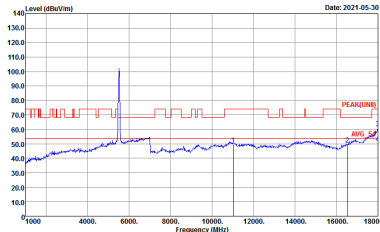
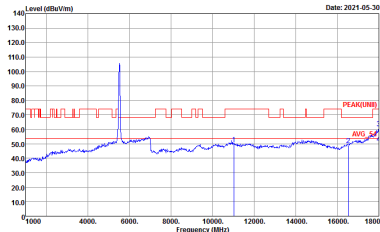
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



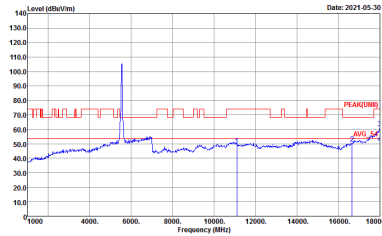
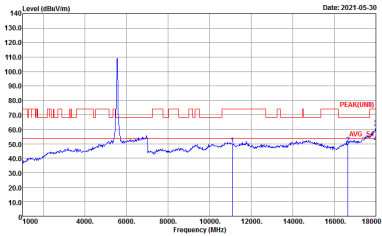
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



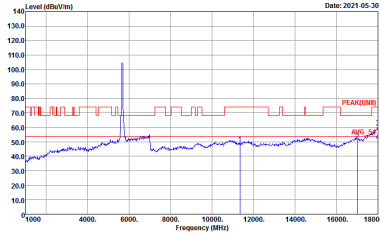
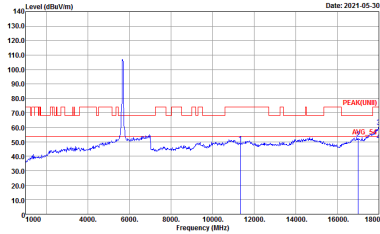
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



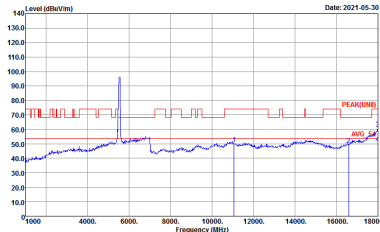
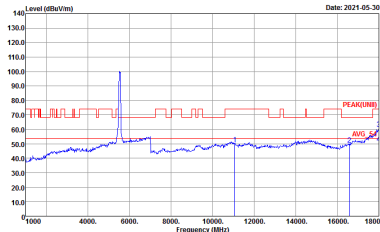
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



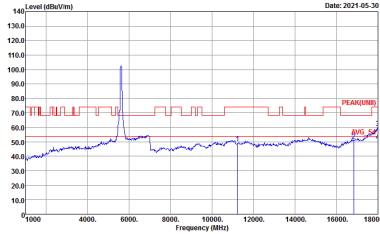
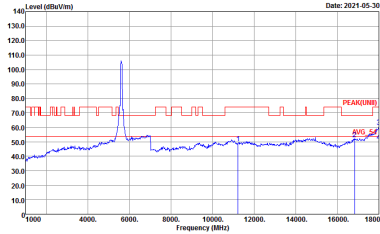
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



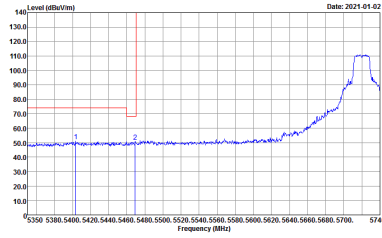
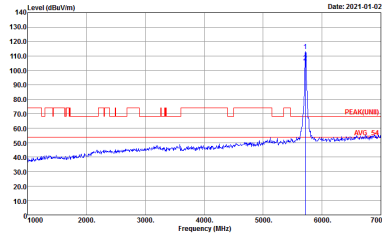
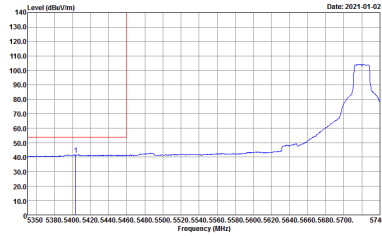
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL

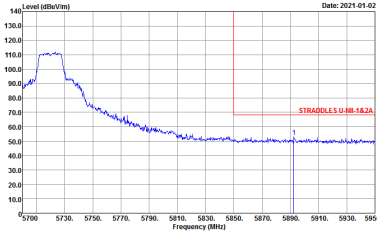


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL

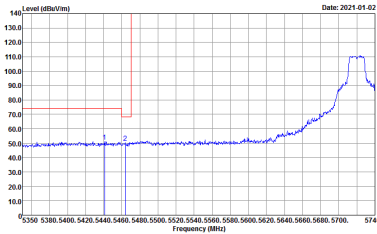
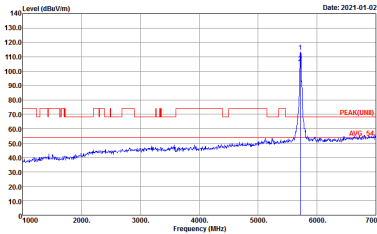
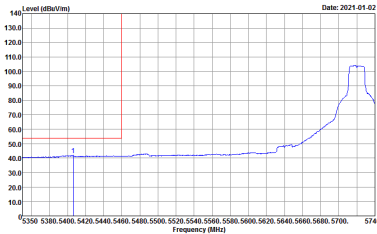
Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

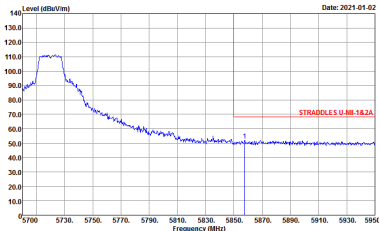


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : STRADOLE'S U-NIT 142A 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



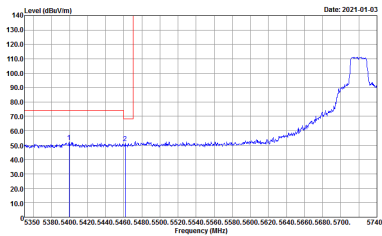
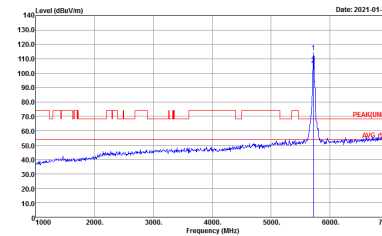
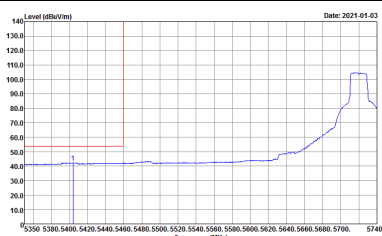
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDOLES U-NIT-1A2A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE1) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank



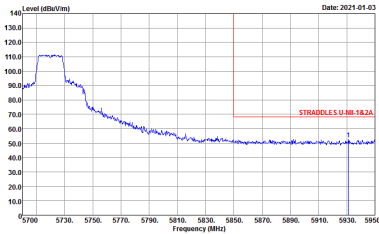
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : STRADOLE'S U-NIT 142A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



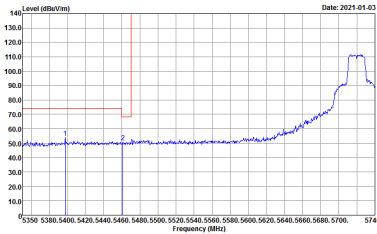
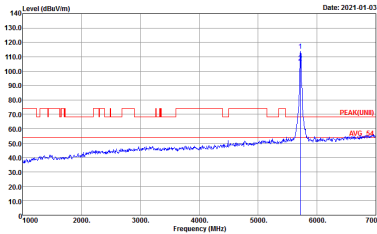
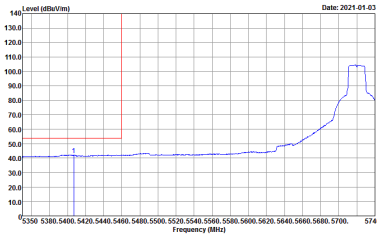
Band 3 – Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NII-142A 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : U-NII-142A AVERAGE 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

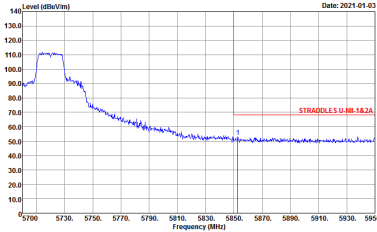


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : STRADOLE'S U-NB 14.2A 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



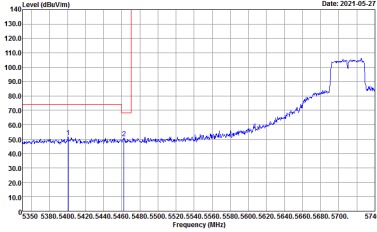
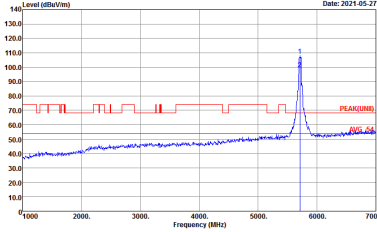
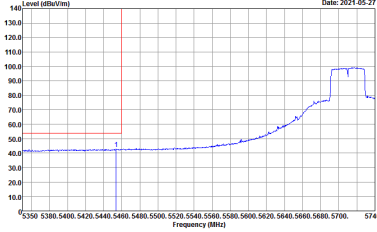
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDOLES U-NIT-1A2A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE1) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank



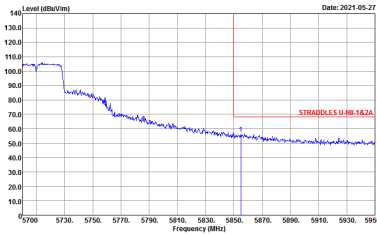
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : STRADOLE'S U-NIT 142A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



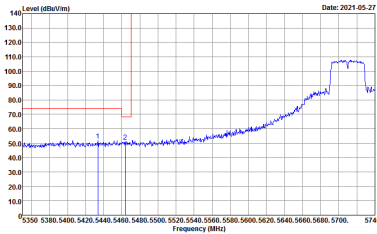
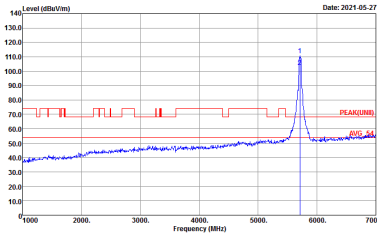
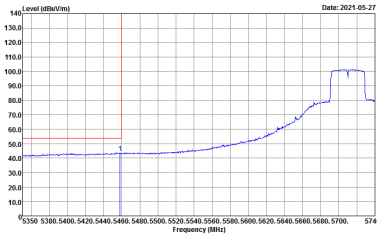
Band 3 – Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NII-142A 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : U-NII-142A AVERAGE 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

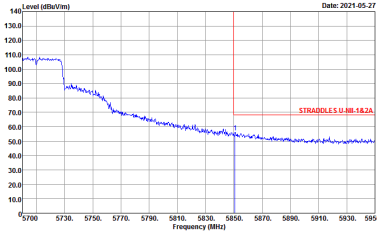


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : STRADOLE'S U-NIT 142A 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SMT:Auto	Left blank



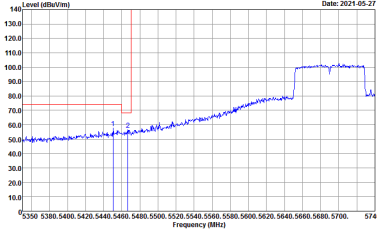
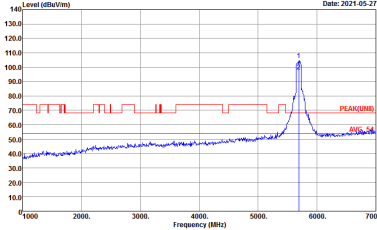
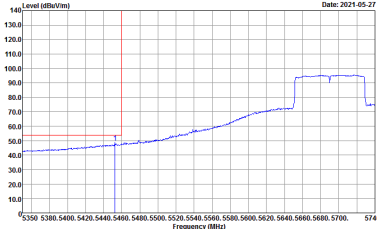
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADOLEX U-NIT-1A2A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE1) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



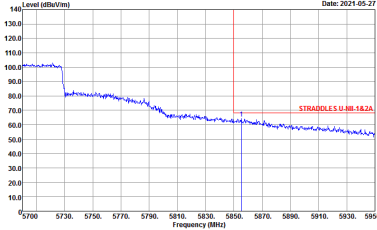
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : STRADOLE'S U-NIT 142A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



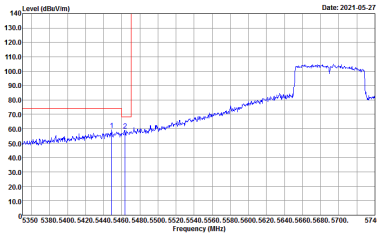
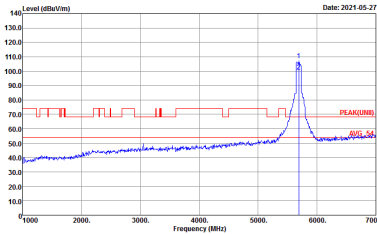
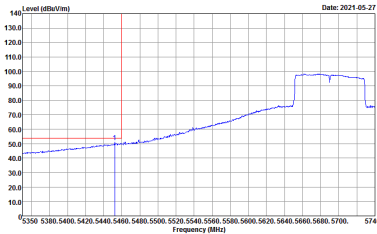
Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NII-1A2A 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : U-NII-1A2A AVERAGE 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

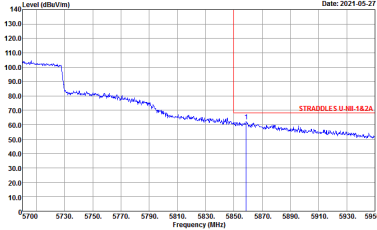


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : STRADOLE'S U-NIT 142A 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDOLES U-NIT-1A2A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(LINE1) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

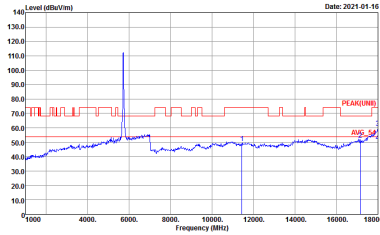
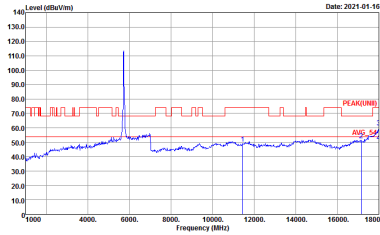


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : STRADOLE'S U-NIT 142A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



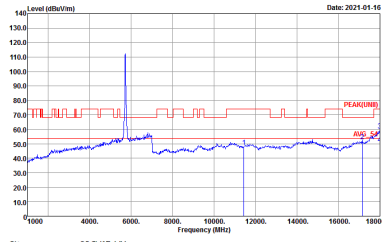
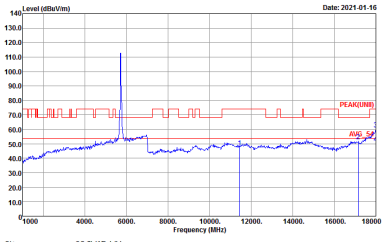
Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL

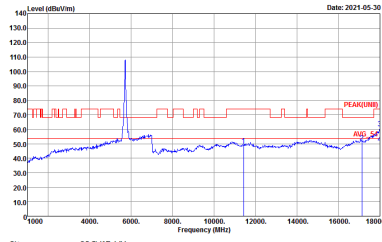
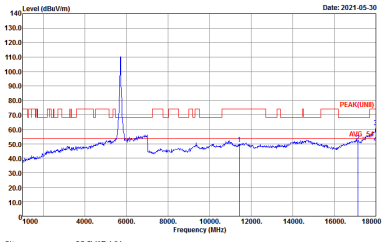


Band 3 – Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL

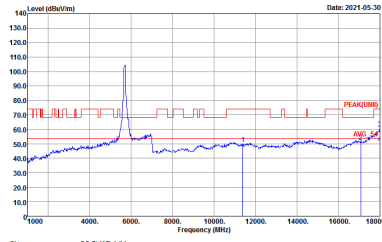
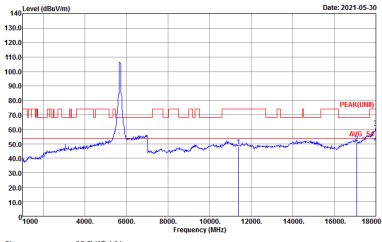


Band 3 – Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

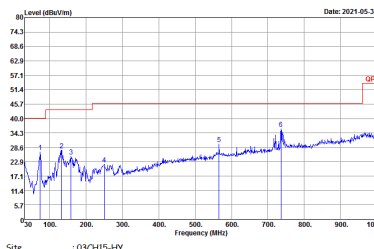
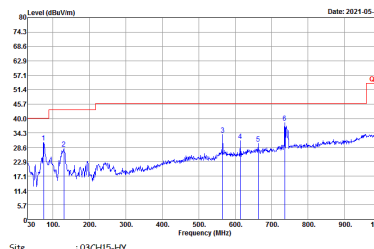
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL



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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL	 Site : 03CH15-14Y Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL

Emission below 1GHz
5GHz WIFI 802.11a (LF)

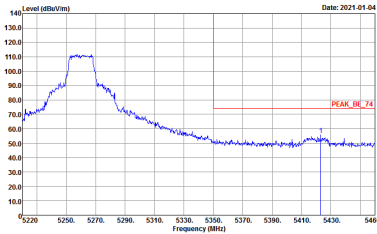
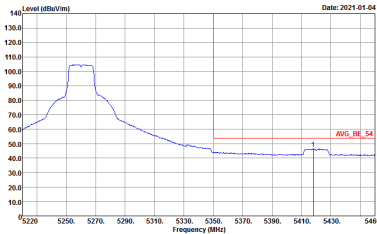
WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH15-HY Condition : QP 3m BIL06_41912_20210208 HORIZONTAL	 Site : 03CH15-HY Condition : QP 3m BIL06_41912_20210208 VERTICAL



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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(FUND) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2021-01-04	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto Date: 2021-01-04	Left blank

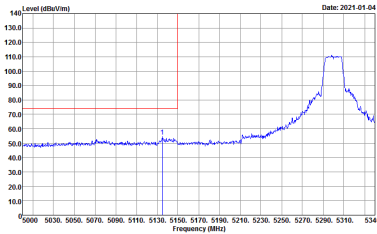
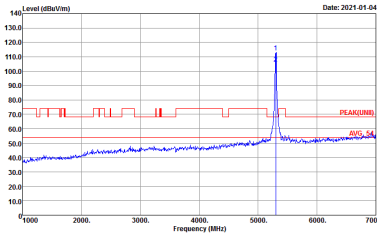
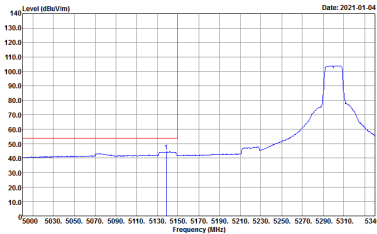


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(LINE) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

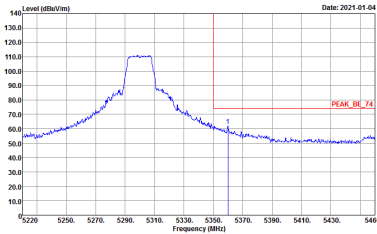
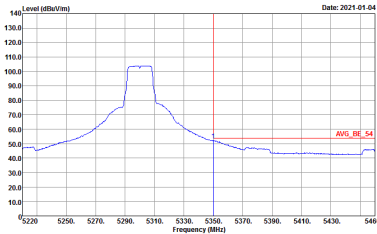


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(FUND) 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank