FCC RADIO TEST REPORT

FCC ID	:	**2AYXP-6253**
Equipment	:	**Electronic Display Device**
Model Name	:	**M2L4EK**
Applicant	:	**Avalite Bakerite LLC** **101 East Park Boulevard** **Plano, TX 75074**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Mar. 18, 2021 and testing was started from Mar. 30, 2021 and completed on Apr. 24, 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 report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR0N1024-01D	01	Initial issue of report	May 12, 2021
FR0N1024-01D	02	Revise List of Measuring Equipment	Jun. 23, 2021
FR0N1024-01D	03	1. Correct the WPC function is supporting receive only 2. Add the description for WPC charging mode 3. Revise Radiated Spurious Emission Data	Jun. 25, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.403(i)	26dB Bandwidth	Pass
3.1	2.1049	99% Occupied Bandwidth	Reporting only
3.2	15.407(a)	Maximum Conducted Output Power	Pass
3.3	15.407(a)	Power Spectral Density	Pass
3.4	15.407(b)	Unwanted Emissions	Pass
3.5	15.207	AC Conducted Emission	Pass
3.6	15.407(c)	Automatically Discontinue Transmission	Pass
3.7	15.203 15.407(a)	Antenna Requirement	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Ruby Zou

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Electronic Display Device
Model Name	M2L4EK
FCC ID	2AYXP-6253
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE WPC Receive only

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	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Average Output Power to antenna	**<5180 MHz ~ 5240 MHz>** 802.11a: 16.20 dBm / 0.0417 W 802.11n HT20: 16.30 dBm / 0.0427 W 802.11n HT40: 15.00 dBm / 0.0316 W 802.11ac VHT20: 16.20 dBm / 0.0417 W 802.11ac VHT40: 14.90 dBm / 0.0309 W 802.11ac VHT80: 12.80 dBm / 0.0191 W **<5260 MHz ~ 5320 MHz>** 802.11a: 15.90 dBm / 0.0389 W 802.11n HT20: 16.20 dBm / 0.0417 W 802.11n HT40: 15.00 dBm / 0.0316 W 802.11ac VHT20: 16.10 dBm / 0.0407 W 802.11ac VHT40: 14.90 dBm / 0.0309 W 802.11ac VHT80: 12.80 dBm / 0.0191 W **<5500 MHz ~ 5720 MHz>** 802.11a: 15.90 dBm / 0.0389 W 802.11n HT20: 16.20 dBm / 0.0417 W 802.11n HT40: 14.90 dBm / 0.0309 W 802.11ac VHT20: 16.10 dBm / 0.0407 W 802.11ac VHT40: 14.80 dBm / 0.0302 W 802.11ac VHT80: 14.40 dBm / 0.0275 W

Product Specification subjective to this standard	
99% Occupied Bandwidth	802.11a: 16.65 MHz 802.11n HT20: 17.75 MHz 802.11n HT40: 36.40 MHz 802.11ac VHT80: 76.32 MHz
Antenna Gain	<5180 MHz ~ 5240 MHz> : 3.60 dBi <5260 MHz ~ 5320 MHz> : 3.20 dBi <5500 MHz ~ 5720 MHz> : 3.00 dBi
Antenna Type	Monopole Antenna
Type of Modulation	802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)

Note: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.3 Modification of EUT

No modifications are made to the EUT during all test items.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	TH02-HY, CO05-HY; DFS02-HY

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

Test Site	Sporton International Inc. Wensan Laboratory.
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH13-HY (TAF Code: 3786)
Remark	The Radiated Spurious 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.
- ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane and WPC Charging Mode) were recorded in this report.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "#" were 802.11ac VHT80.

2.2 Test Mode

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

Modulation	Data Rate
802.11a	**6 Mbps**
802.11n HT20	**MCS0**
802.11n HT40	**MCS0**
802.11ac VHT20 (Covered by HT20)	**MCS0**
802.11ac VHT40 (Covered by HT40)	**MCS0**
802.11ac VHT80	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + USB Cable (Charging from Adapter (AP15))

Remark:
1. For Radiated Test Cases, the tests were performed with Adapter (AP15).
2. For AC Conducted Emission test item, the special software tool was used for changing screens automatically and was made the EUT send transmitting signal for all testing.
3. The worst mode is 11ac VHT80 CH58, so we additional verified the worst case (11ac VHT80 CH58) under WPC charging mode and found it passed the test.

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

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

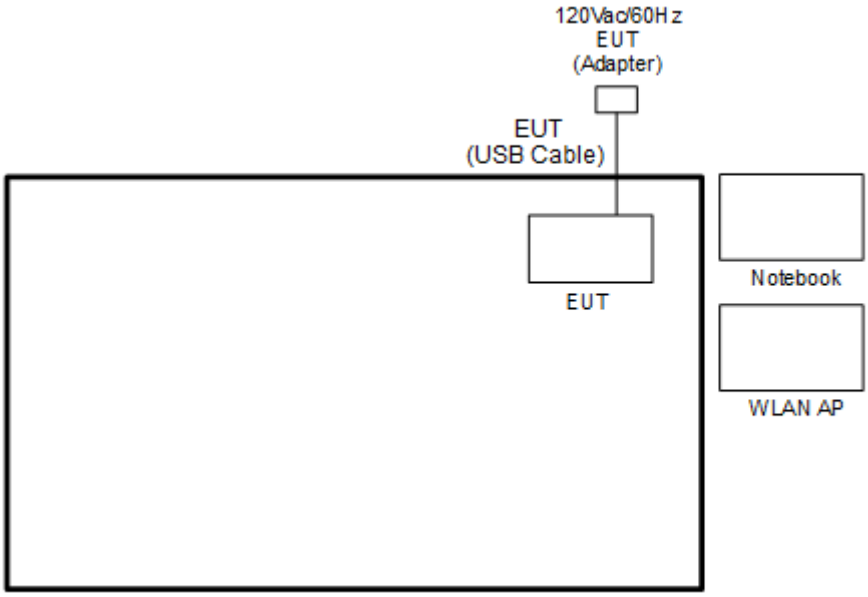
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

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

2.3 Connection Diagram of Test System

<AC Conducted Emission>



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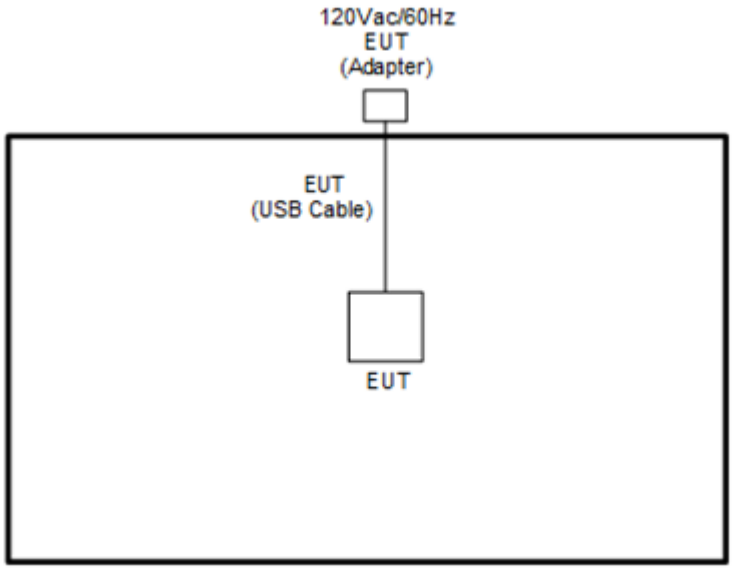
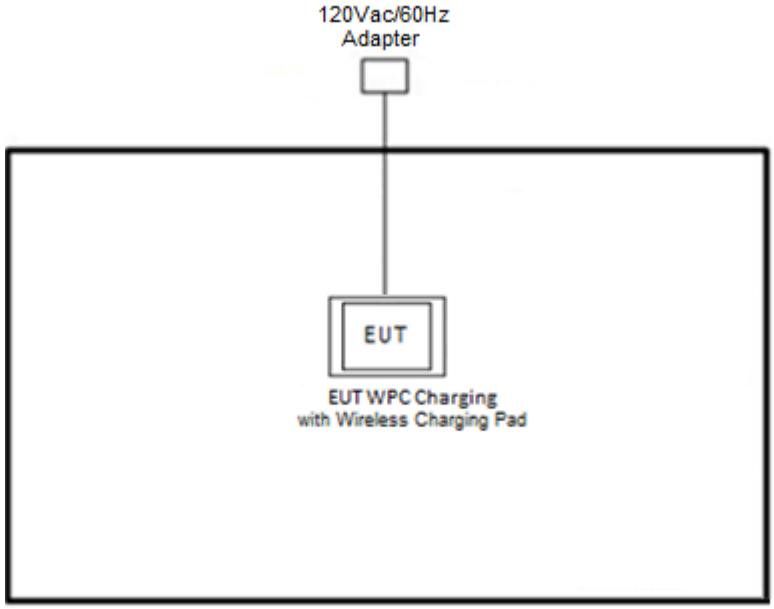


<WPC Charging Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded,1.8m
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Wireless Charging Pad	belkin	F7U027	K7SF7U027	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “CMD & 10.0.18362.1256” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.
Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
= 4.2 + 10 = 14.2 (dB)

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.

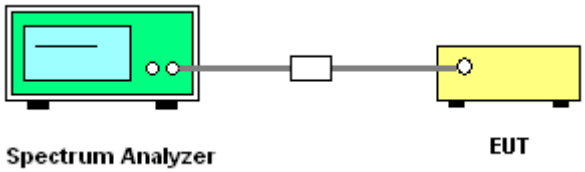
3.1.2 Measuring Instruments

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) ≥ 3 * RBW.
8. Measure and record the results in the test report.

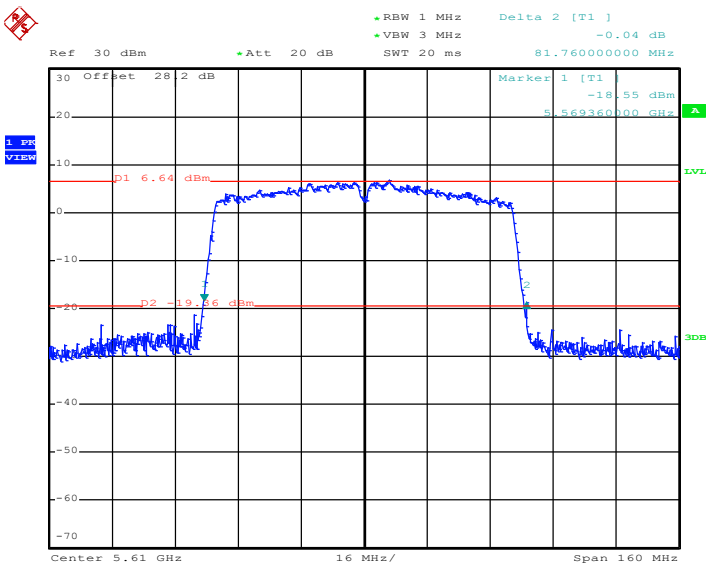
3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



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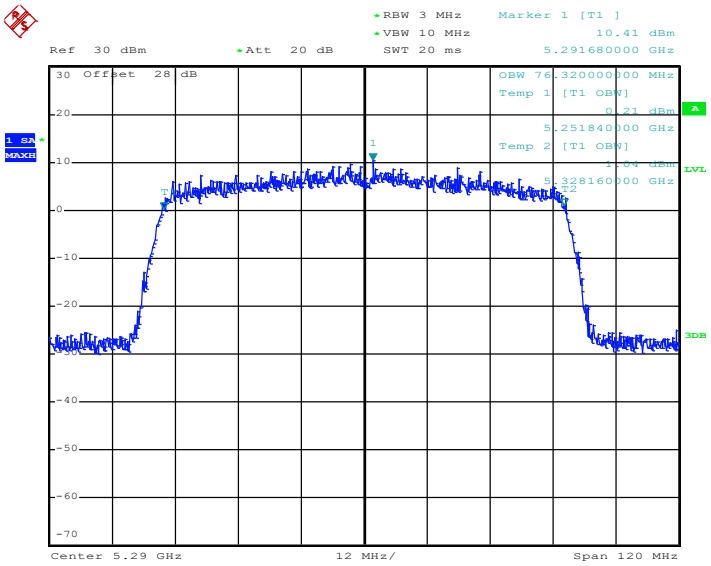
Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

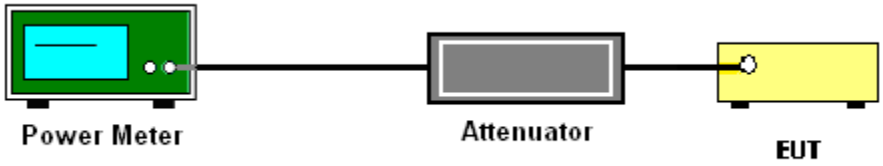
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

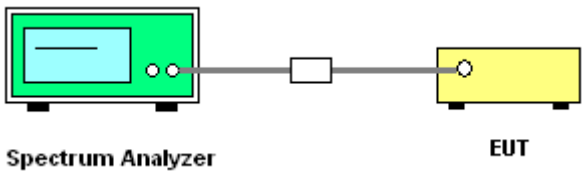
 # Method SA-3 #

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

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

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

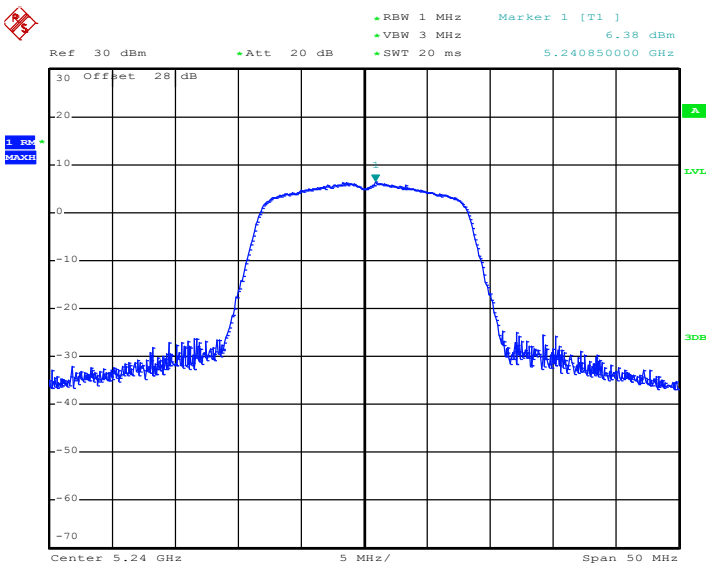
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.
(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

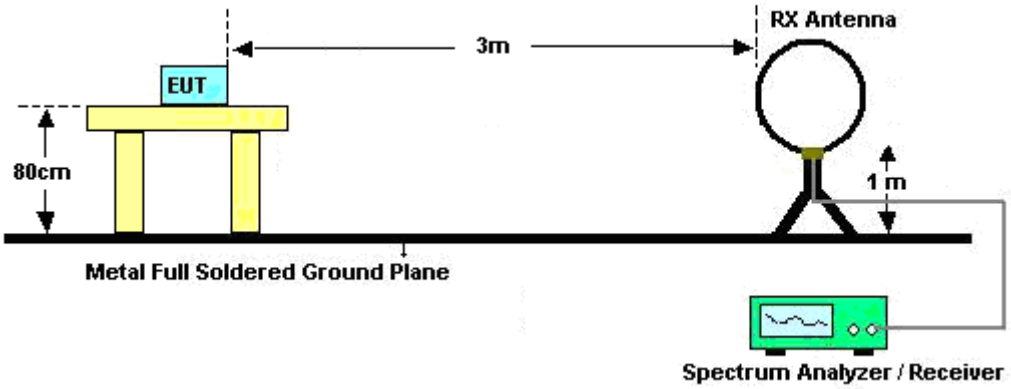
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

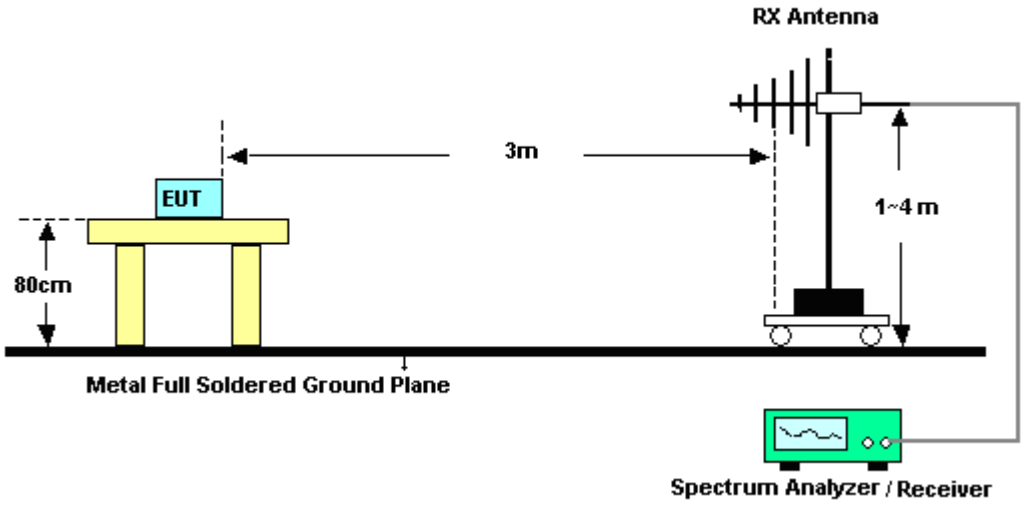
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

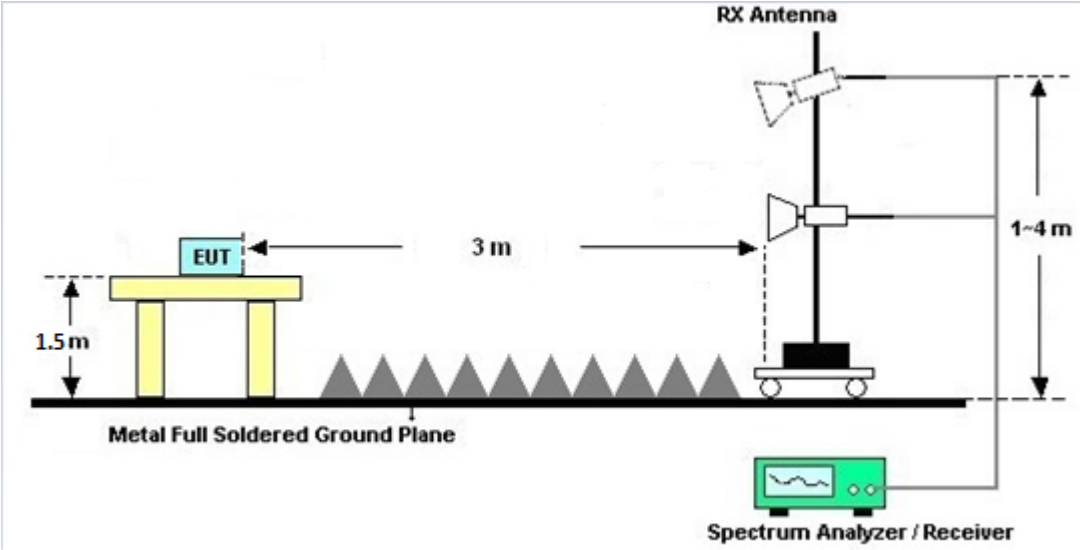
For radiated emissions below 30MHz



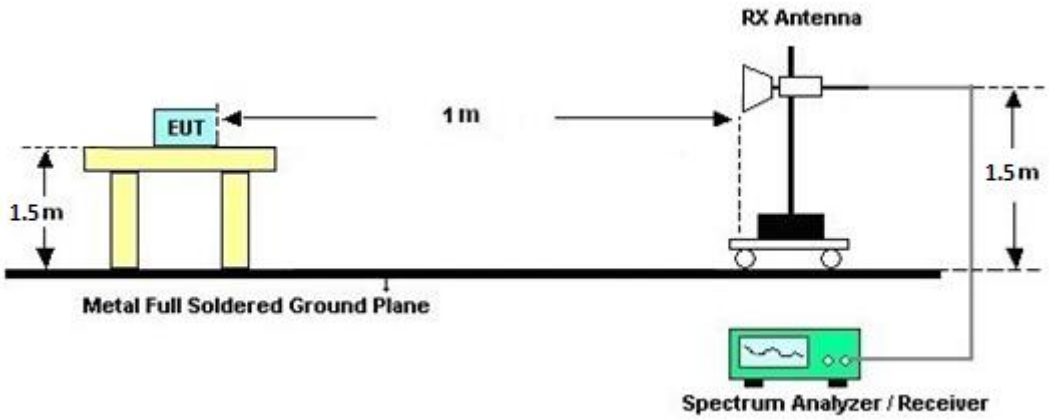
For radiated emissions from 30MHz to 1GHz



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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

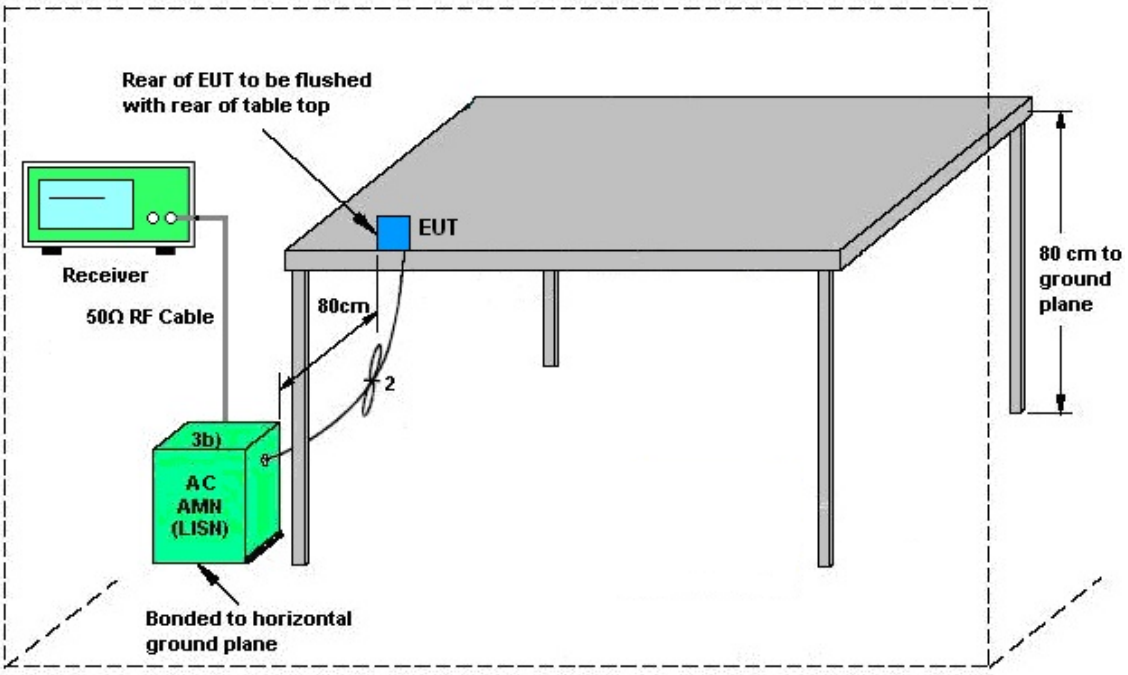
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

A. Information start: make EUT supply information to the access point.

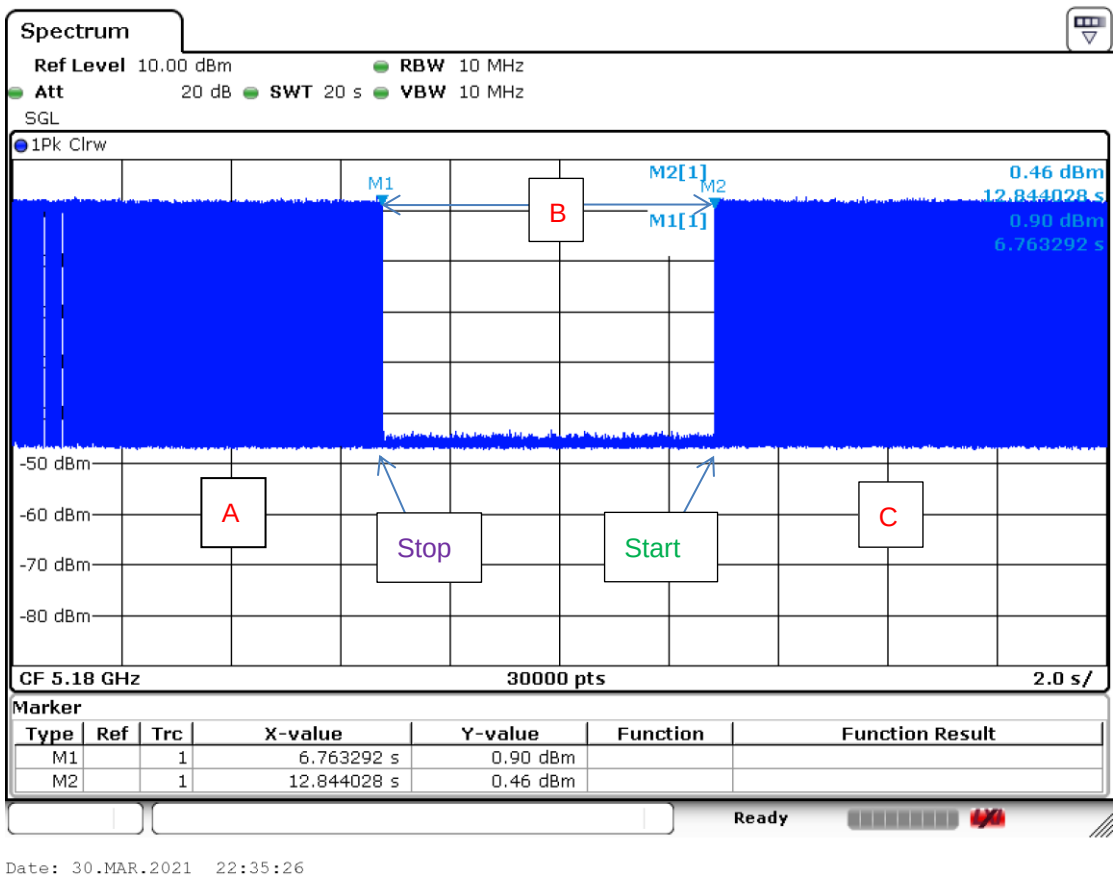
B. Information stop: stop supplying information to the access point.

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

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

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

5180MHz



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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

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

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jul. 14, 2020	Apr. 01, 2021~ Apr. 23, 2021	Jul. 13, 2021	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 16, 2020	Apr. 01, 2021~ Apr. 23, 2021	Dec. 15, 2021	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	40103&07	30MHz to 1GHz	Apr. 29, 2020	Apr. 01, 2021~ Apr. 23, 2021	Apr. 28, 2021	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jul. 15, 2020	Apr. 01, 2021~ Apr. 23, 2021	Jul. 14, 2021	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590074	1GHz~18GHz	May 19, 2020	Apr. 01, 2021~ Apr. 23, 2021	May 18, 2021	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Oct. 28, 2020	Apr. 01, 2021~ Apr. 23, 2021	Oct. 27, 2021	Radiation (03CH13-HY)
Signal Generator	Anritsu	MG3694C	163401	0.1Hz~40GHz	Jan. 31, 2021	Apr. 01, 2021~ Apr. 23, 2021	Jan. 30, 2022	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 18, 2021	Apr. 01, 2021~ Apr. 23, 2021	Mar. 17, 2022	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 01, 2021~ Apr. 23, 2021	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 01, 2021~ Apr. 23, 2021	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 01, 2021~ Apr. 23, 2021	N/A	Radiation (03CH13-HY)
Software	Audix	E3 6.2009-8-24	RK-000992	N/A	N/A	Apr. 01, 2021~ Apr. 23, 2021	N/A	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 11, 2020	Apr. 01, 2021~ Apr. 23, 2021	Dec. 10, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Feb. 10, 2021	Apr. 01, 2021~ Apr. 23, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30M-18G	Feb. 10, 2021	Apr. 01, 2021~ Apr. 23, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Feb. 22, 2021	Apr. 01, 2021~ Apr. 23, 2021	Feb. 21, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz~40GHz	Mar. 11, 2021	Apr. 01, 2021~ Apr. 23, 2021	Mar. 10, 2022	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30M-18G	Feb. 10, 2021	Apr. 01, 2021~ Apr. 23, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Apr. 01, 2021~ Apr. 23, 2021	Mar. 10, 2022	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 11, 2020	Apr. 01, 2021~ Apr. 23, 2021	Dec. 10, 2021	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 15, 2020	Apr. 01, 2021~ Apr. 23, 2021	Sep. 14, 2021	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN5	6.75GHz High Pass Filter	Mar. 11, 2021	Apr. 01, 2021~ Apr. 23, 2021	Mar. 10, 2022	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN2	3GHz High Pass Filter	Jul. 13, 2020	Apr. 01, 2021~ Apr. 23, 2021	Jul. 12, 2021	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303A	TP182676	N/A	Nov. 18, 2020	Apr. 01, 2021~ Apr. 23, 2021	Nov. 17, 2021	Radiation (03CH13-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 03, 2021	Apr. 03, 2021~ Apr. 24, 2021	Mar. 02, 2022	Conducted (TH02-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Dec. 16, 2020	Apr. 03, 2021~ Apr. 24, 2021	Dec. 15, 2021	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Jan. 21, 2021	Apr. 03, 2021~ Apr. 24, 2021	Jan. 20, 2022	Conducted (TH02-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Apr. 03, 2021~ Apr. 24, 2021	Mar. 16, 2022	Conducted (TH02-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 07, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Apr. 07, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Apr. 07, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Apr. 07, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 07, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Feb. 25, 2021	Apr. 07, 2021	Feb. 24, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Apr. 07, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV30	100895	9kHz~30GHz	Apr. 29, 2020	Mar. 30, 2021	Apr. 28, 2021	DFS (DFS02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.3**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.8**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.1**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.6**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Mina Liu	Temperature:	21~25	°C
Test Date:	2021/04/03~2021/04/24	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	-	16.55	-	23.65	-		-	22.19		
11a	6Mbps	1	44	5220	-	16.60	-	29.05	-		-	22.20		
11a	6Mbps	1	48	5240	-	16.65	-	21.70	-		-	22.21		
HT20	MCS0	1	36	5180	-	17.75	-	30.10	-		-	22.49		
HT20	MCS0	1	44	5220	-	17.70	-	29.30	-		-	22.48		
HT20	MCS0	1	48	5240	-	17.70	-	28.55	-		-	22.48		
HT40	MCS0	1	38	5190	-	36.20	-	41.40	-		-	23.01		
HT40	MCS0	1	46	5230	-	36.30	-	41.40	-		-	23.01		
VHT80	MCS0	1	42	5210	-	76.20	-	81.28	-		-	23.01		

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	-	16.20		-	24.00	-	3.60		Pass
11a	6Mbps	1	44	5220	-	16.00		-	24.00	-	3.60		Pass
11a	6Mbps	1	48	5240	-	15.90		-	24.00	-	3.60		Pass
HT20	MCS0	1	36	5180	-	16.30		-	24.00	-	3.60		Pass
HT20	MCS0	1	44	5220	-	16.10		-	24.00	-	3.60		Pass
HT20	MCS0	1	48	5240	-	16.10		-	24.00	-	3.60		Pass
HT40	MCS0	1	38	5190	-	13.80		-	24.00	-	3.60		Pass
HT40	MCS0	1	46	5230	-	15.00		-	24.00	-	3.60		Pass
VHT20	MCS0	1	36	5180	-	16.20		-	24.00	-	3.60		Pass
VHT20	MCS0	1	44	5220	-	16.00		-	24.00	-	3.60		Pass
VHT20	MCS0	1	48	5240	-	16.00		-	24.00	-	3.60		Pass
VHT40	MCS0	1	38	5190	-	13.70		-	24.00	-	3.60		Pass
VHT40	MCS0	1	46	5230	-	14.90		-	24.00	-	3.60		Pass
VHT80	MCS0	1	42	5210	-	12.80		-	24.00	-	3.60		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	-	6.37		-	11.00	-	3.60		Pass
11a	6Mbps	1	44	5220	-	6.36		-	11.00	-	3.60		Pass
11a	6Mbps	1	48	5240	-	6.38		-	11.00	-	3.60		Pass
HT20	MCS0	1	36	5180	-	6.31		-	11.00	-	3.60		Pass
HT20	MCS0	1	44	5220	-	6.28		-	11.00	-	3.60		Pass
HT20	MCS0	1	48	5240	-	6.27		-	11.00	-	3.60		Pass
HT40	MCS0	1	38	5190	-	1.49		-	11.00	-	3.60		Pass
HT40	MCS0	1	46	5230	-	2.50		-	11.00	-	3.60		Pass
VHT80	MCS0	1	42	5210	-	-2.93		-	11.00	-	3.60		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	-	16.65	-	21.80	-	23.21	-	29.21	-	23.98	
11a	6Mbps	1	60	5300	-	16.55	-	21.40	-	23.19	-	29.19	-	23.98	
11a	6Mbps	1	64	5320	-	16.65	-	25.00	-	23.21	-	29.21	-	23.98	
HT20	MCS0	1	52	5260	-	17.65	-	31.05	-	23.47	-	29.47	-	23.98	
HT20	MCS0	1	60	5300	-	17.70	-	30.15	-	23.48	-	29.48	-	23.98	
HT20	MCS0	1	64	5320	-	17.70	-	31.05	-	23.48	-	29.48	-	23.98	
HT40	MCS0	1	54	5270	-	36.30	-	41.58	-	23.98	-	30.00	-	23.98	
HT40	MCS0	1	62	5310	-	36.30	-	41.58	-	23.98	-	30.00	-	23.98	
VHT80	MCS0	1	58	5290	-	76.32	-	80.96	-	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	-	15.30		-	23.98	-	3.20	26.99	Pass
11a	6Mbps	1	60	5300	-	15.90		-	23.98	-	3.20	26.99	Pass
11a	6Mbps	1	64	5320	-	15.90		-	23.98	-	3.20	26.99	Pass
HT20	MCS0	1	52	5260	-	15.90		-	23.98	-	3.20	26.99	Pass
HT20	MCS0	1	60	5300	-	16.00		-	23.98	-	3.20	26.99	Pass
HT20	MCS0	1	64	5320	-	16.20		-	23.98	-	3.20	26.99	Pass
HT40	MCS0	1	54	5270	-	15.00		-	23.98	-	3.20	26.99	Pass
HT40	MCS0	1	62	5310	-	14.60		-	23.98	-	3.20	26.99	Pass
VHT20	MCS0	1	52	5260	-	15.80		-	23.98	-	3.20	26.99	Pass
VHT20	MCS0	1	60	5300	-	15.90		-	23.98	-	3.20	26.99	Pass
VHT20	MCS0	1	64	5320	-	16.10		-	23.98	-	3.20	26.99	Pass
VHT40	MCS0	1	54	5270	-	14.90		-	23.98	-	3.20	26.99	Pass
VHT40	MCS0	1	62	5310	-	14.50		-	23.98	-	3.20	26.99	Pass
VHT80	MCS0	1	58	5290	-	12.80		-	23.98	-	3.20	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	-	5.86		-	11.00	-	3.20		Pass
11a	6Mbps	1	60	5300	-	6.16		-	11.00	-	3.20		Pass
11a	6Mbps	1	64	5320	-	6.05		-	11.00	-	3.20		Pass
HT20	MCS0	1	52	5260	-	6.30		-	11.00	-	3.20		Pass
HT20	MCS0	1	60	5300	-	5.91		-	11.00	-	3.20		Pass
HT20	MCS0	1	64	5320	-	5.98		-	11.00	-	3.20		Pass
HT40	MCS0	1	54	5270	-	2.52		-	11.00	-	3.20		Pass
HT40	MCS0	1	62	5310	-	1.87		-	11.00	-	3.20		Pass
VHT80	MCS0	1	58	5290	-	-2.95		-	11.00	-	3.20		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	-	16.60	-	25.10	-	23.20	-	29.20	-	23.98	----	----
11a	6Mbps	1	116	5580	-	16.55	-	21.20	-	23.19	-	29.19	-	23.98	----	----
11a	6Mbps	1	140	5700	-	16.55	-	23.15	-	23.19	-	29.19	-	23.98	----	----
HT20	MCS0	1	100	5500	-	17.70	-	29.50	-	23.48	-	29.48	-	23.98	----	----
HT20	MCS0	1	116	5580	-	17.70	-	29.75	-	23.48	-	29.48	-	23.98	----	----
HT20	MCS0	1	140	5700	-	17.65	-	25.65	-	23.47	-	29.47	-	23.98	----	----
HT40	MCS0	1	102	5510	-	36.10	-	41.40	-	23.98	-	30.00	-	23.98	----	----
HT40	MCS0	1	110	5550	-	36.30	-	41.40	-	23.98	-	30.00	-	23.98	----	----
HT40	MCS0	1	134	5670	-	36.40	-	41.22	-	23.98	-	30.00	-	23.98	----	----
VHT80	MCS0	1	106	5530	-	76.08	-	81.60	-	23.98	-	30.00	-	23.98	----	----
VHT80	MCS0	1	122	5610	-	76.20	-	81.76	-	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	-	13.35	-	19.90	-	22.25	-	28.25	-	23.98	-	2.55
HT20	MCS0	1	144	5720	-	13.90	-	21.30	-	22.43	-	28.43	-	23.98	-	2.55
HT40	MCS0	1	142	5710	-	33.30	-	35.88	-	23.98	-	30.00	-	23.98	-	2.5
VHT80	MCS0	1	138	5690	-	73.28	-	75.80	-	23.98	-	30.00	-	23.98	-	2.56

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	-	15.90		-	23.98	-	3.00	26.99	Pass
11a	6Mbps	1	116	5580	-	15.60		-	23.98	-	3.00	26.99	Pass
11a	6Mbps	1	140	5700	-	15.50		-	23.98	-	3.00	26.99	Pass
HT20	MCS0	1	100	5500	-	16.20		-	23.98	-	3.00	26.99	Pass
HT20	MCS0	1	116	5580	-	16.00		-	23.98	-	3.00	26.99	Pass
HT20	MCS0	1	140	5700	-	14.10		-	23.98	-	3.00	26.99	Pass
HT40	MCS0	1	102	5510	-	13.10		-	23.98	-	3.00	26.99	Pass
HT40	MCS0	1	110	5550	-	14.70		-	23.98	-	3.00	26.99	Pass
HT40	MCS0	1	134	5670	-	14.90		-	23.98	-	3.00	26.99	Pass
VHT20	MCS0	1	100	5500	-	16.10		-	23.98	-	3.00	26.99	Pass
VHT20	MCS0	1	116	5580	-	15.90		-	23.98	-	3.00	26.99	Pass
VHT20	MCS0	1	140	5700	-	14.00		-	23.98	-	3.00	26.99	Pass
VHT40	MCS0	1	102	5510	-	13.00		-	23.98	-	3.00	26.99	Pass
VHT40	MCS0	1	110	5550	-	14.60		-	23.98	-	3.00	26.99	Pass
VHT80	MCS0	1	106	5530	-	13.80		-	23.98	-	3.00	26.99	Pass
VHT80	MCS0	1	122	5610	-	14.40		-	23.98	-	3.00	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	-	15.90		-	23.98	-	3.00	26.99	Pass
HT20	MCS0	1	144	5720	-	15.70		-	23.98	-	3.00	26.99	Pass
HT40	MCS0	1	142	5710	-	14.90		-	23.98	-	3.00	26.99	Pass
VHT20	MCS0	1	144	5720	-	15.60		-	23.98	-	3.00	26.99	Pass
VHT40	MCS0	1	142	5710	-	14.80		-	23.98	-	3.00	26.99	Pass
VHT80	MCS0	1	138	5690	-	14.20		-	23.98	-	3.00	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	-	6.32		-	11.00	-	3.00		Pass
11a	6Mbps	1	116	5580	-	6.10		-	11.00	-	3.00		Pass
11a	6Mbps	1	140	5700	-	5.96		-	11.00	-	3.00		Pass
HT20	MCS0	1	100	5500	-	6.31		-	11.00	-	3.00		Pass
HT20	MCS0	1	116	5580	-	6.19		-	11.00	-	3.00		Pass
HT20	MCS0	1	140	5700	-	4.07		-	11.00	-	3.00		Pass
HT40	MCS0	1	102	5510	-	0.62		-	11.00	-	3.00		Pass
HT40	MCS0	1	110	5550	-	2.39		-	11.00	-	3.00		Pass
HT40	MCS0	1	134	5670	-	2.18		-	11.00	-	3.00		Pass
VHT80	MCS0	1	106	5530	-	-1.81		-	11.00	-	3.00		Pass
VHT80	MCS0	1	122	5610	-	-1.30		-	11.00	-	3.00		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	-	6.12		-	11.00	-	3.00		Pass
HT20	MCS0	1	144	5720	-	6.05		-	11.00	-	3.00		Pass
HT40	MCS0	1	142	5710	-	2.48		-	11.00	-	3.00		Pass
VHT80	MCS0	1	138	5690	-	-1.50		-	11.00	-	3.00		Pass

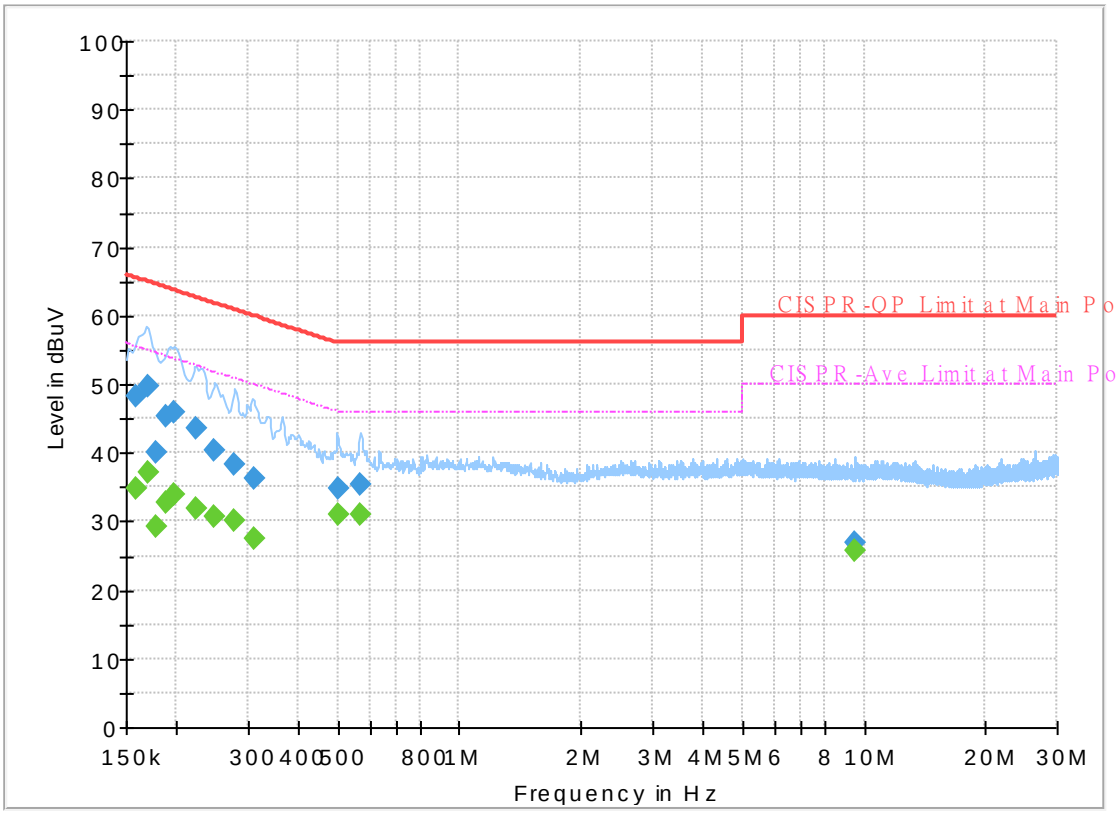
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	**Temperature :**	23~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO :	0N1024-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



Final_Result

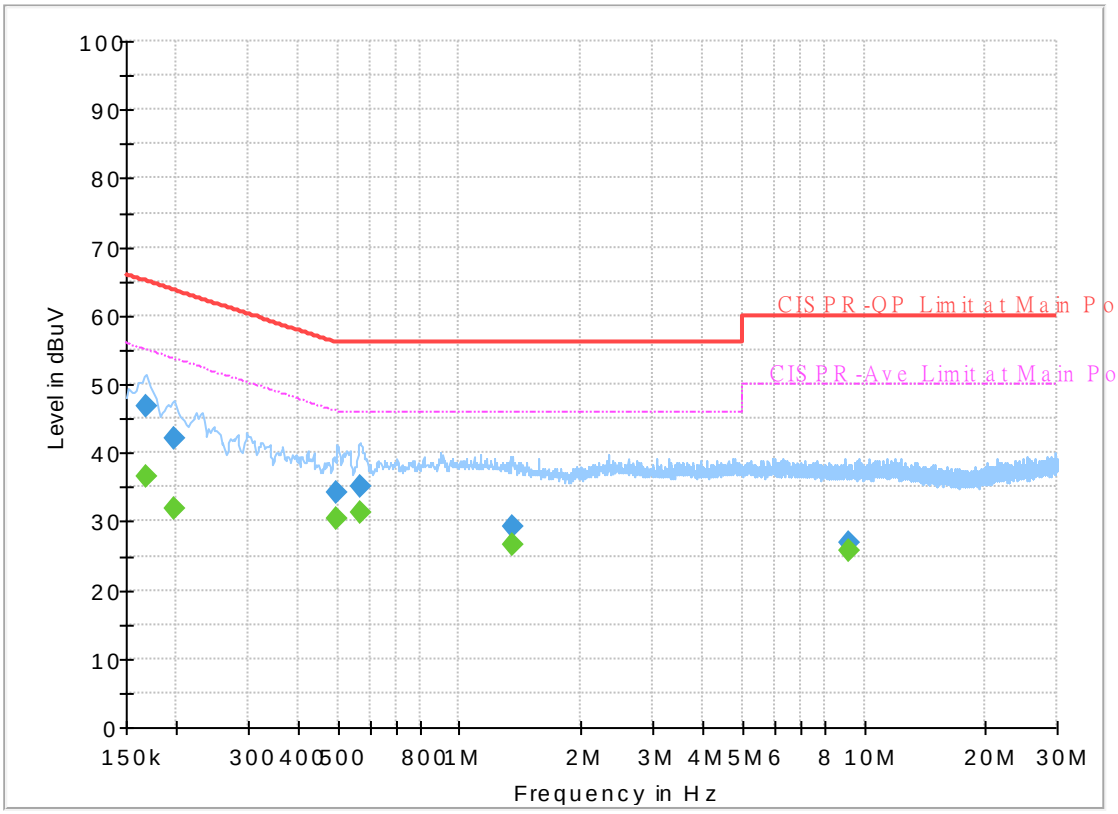
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	34.72	55.52	20.80	L1	OFF	19.7
0.159000	48.15	---	65.52	17.37	L1	OFF	19.7
0.170250	---	37.14	54.95	17.81	L1	OFF	19.7
0.170250	49.66	---	64.95	15.29	L1	OFF	19.7
0.177000	---	29.22	54.63	25.41	L1	OFF	19.7
0.177000	40.04	---	64.63	24.59	L1	OFF	19.7
0.188250	---	32.82	54.11	21.29	L1	OFF	19.7
0.188250	45.19	---	64.11	18.92	L1	OFF	19.7
0.197250	---	33.96	53.73	19.77	L1	OFF	19.7
0.197250	45.84	---	63.73	17.89	L1	OFF	19.7
0.224250	---	31.80	52.66	20.86	L1	OFF	19.7
0.224250	43.49	---	62.66	19.17	L1	OFF	19.7
0.249000	---	30.71	51.79	21.08	L1	OFF	19.7
0.249000	40.44	---	61.79	21.35	L1	OFF	19.7
0.278250	---	30.11	50.87	20.76	L1	OFF	19.7
0.278250	38.23	---	60.87	22.64	L1	OFF	19.7
0.309750	---	27.62	49.98	22.36	L1	OFF	19.7
0.309750	36.21	---	59.98	23.77	L1	OFF	19.7
0.501000	---	31.10	46.00	14.90	L1	OFF	19.9
0.501000	34.76	---	56.00	21.24	L1	OFF	19.9
0.566250	---	31.08	46.00	14.92	L1	OFF	19.9

0.566250	**35.52**	**---**	**56.00**	**20.48**	**L1**	**OFF**	**19.9**
9.467250	**---**	**25.60**	**50.00**	**24.40**	**L1**	**OFF**	**20.2**
9.467250	**26.90**	**---**	**60.00**	**33.10**	**L1**	**OFF**	**20.2**

EUT Information

Report NO :	0N1024-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	36.60	55.06	18.46	N	OFF	19.7
0.168000	46.85	---	65.06	18.21	N	OFF	19.7
0.197250	---	31.75	53.73	21.98	N	OFF	19.7
0.197250	42.15	---	63.73	21.58	N	OFF	19.7
0.498750	---	30.46	46.02	15.56	N	OFF	19.9
0.498750	34.32	---	56.02	21.70	N	OFF	19.9
0.566250	---	31.27	46.00	14.73	N	OFF	20.0
0.566250	34.98	---	56.00	21.02	N	OFF	20.0
1.351500	---	26.70	46.00	19.30	N	OFF	20.3
1.351500	29.25	---	56.00	26.75	N	OFF	20.3
9.125250	---	25.68	50.00	24.32	N	OFF	20.2
9.125250	26.93	---	60.00	33.07	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Daniel Lee, Jacky Hong and Wilson Wu	Temperature :	20~25°C
		Relative Humidity :	50~60%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5145.86	62.76	-11.24	74	51.98	31.91	6.28	27.41	100	146	P	H
		5149.5	48.98	-5.02	54	38.21	31.9	6.28	27.41	100	146	A	H
	*	5180	108.66	-	-	98	31.78	6.28	27.4	100	146	P	H
	*	5180	101.6	-	-	90.94	31.78	6.28	27.4	100	146	A	H
		5149.24	57.66	-16.34	74	46.89	31.9	6.28	27.41	382	360	P	V
		5150	47.97	-6.03	54	37.2	31.9	6.28	27.41	382	360	A	V
	*	5180	107.79	-	-	97.13	31.78	6.28	27.4	382	360	P	V
	*	5180	100.61	-	-	89.95	31.78	6.28	27.4	382	360	A	V
802.11a CH 44 5220MHz		5136.24	52.65	-21.35	74	41.86	31.93	6.27	27.41	100	160	P	H
		5147.42	45.02	-8.98	54	34.24	31.91	6.28	27.41	100	160	A	H
	*	5220	108.52	-	-	98.07	31.54	6.3	27.39	100	160	P	H
	*	5220	101.33	-	-	90.88	31.54	6.3	27.39	100	160	A	H
		5393.08	50.66	-23.34	74	40.15	31.47	6.39	27.35	100	160	P	H
		5390.56	42.2	-11.8	54	31.7	31.46	6.39	27.35	100	160	A	H
		5100.62	52.63	-21.37	74	41.78	32	6.27	27.42	400	350	P	V
		5092.82	44.15	-9.85	54	33.36	31.96	6.26	27.43	400	350	A	V
	*	5220	108.32	-	-	97.87	31.54	6.3	27.39	400	350	P	V
	*	5220	100.45	-	-	90	31.54	6.3	27.39	400	350	A	V
		5363.68	51.08	-22.92	74	40.72	31.35	6.37	27.36	400	350	P	V
		5353.88	41.72	-12.28	54	31.39	31.32	6.37	27.36	400	350	A	V

802.11a CH 48 5240MHz		5030.68	52.16	-21.84	74	41.73	31.62	6.25	27.44	102	164	P	H
		5135.46	44.23	-9.77	54	33.44	31.93	6.27	27.41	102	164	A	H
	*	5240	108.18	-	-	97.88	31.38	6.31	27.39	102	164	P	H
	*	5240	100.57	-	-	90.27	31.38	6.31	27.39	102	164	A	H
		5394.48	50.7	-23.3	74	40.18	31.48	6.39	27.35	102	164	P	H
		5350	42.87	-11.13	54	32.57	31.3	6.36	27.36	102	164	A	H
		5064.48	51.74	-22.26	74	41.12	31.79	6.26	27.43	395	351	P	V
		5113.62	43.98	-10.02	54	33.16	31.97	6.27	27.42	395	351	A	V
	*	5240	108.06	-	-	97.76	31.38	6.31	27.39	395	351	P	V
	*	5240	100.39	-	-	90.09	31.38	6.31	27.39	395	351	A	V
		5378.52	51.03	-22.97	74	40.59	31.41	6.38	27.35	395	351	P	V
		5406.8	41.8	-12.2	54	31.22	31.53	6.39	27.34	395	351	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	54.18	-14.02	68.2	60.7	39.84	10.15	56.51	100	0	P	H
		15540	46.65	-27.35	74	51.86	38.6	12.03	55.84	100	0	P	H
		17967	56.98	-17.02	74	53.13	47.18	13.17	56.5	109	207	P	H
		17967	47.22	-6.78	54	43.37	47.18	13.17	56.5	109	207	A	H
		10360	49.04	-19.16	68.2	55.56	39.84	10.15	56.51	100	0	P	V
		15540	45.57	-28.43	74	50.78	38.6	12.03	55.84	100	0	P	V
		17967	55.4	-18.6	74	51.55	47.18	13.17	56.5	137	210	P	V
		17967	47.03	-6.97	54	43.18	47.18	13.17	56.5	137	210	A	V
802.11a CH 44 5220MHz		10440	53.06	-15.14	68.2	59.37	39.96	10.19	56.46	100	0	P	H
		15660	44.36	-29.64	74	49.8	38.3	12.04	55.78	100	0	P	H
		17989	55.52	-18.48	74	51.02	47.79	13.19	56.48	105	222	P	H
		17989	45.66	-8.34	54	41.16	47.79	13.19	56.48	105	222	A	H
		10440	49.86	-18.34	68.2	56.17	39.96	10.19	56.46	100	0	P	V
		15660	45.05	-28.95	74	50.49	38.3	12.04	55.78	100	0	P	V
		18000	56.6	-17.4	74	51.77	48.1	13.2	56.47	151	212	P	V
		18000	46.39	-7.61	54	41.56	48.1	13.2	56.47	151	212	A	V

802.11a CH 48 5240MHz		10480	53.18	-15.02	68.2	59.48	39.92	10.21	56.43	100	0	P	H
		15720	45.06	-28.94	74	50.54	38.22	12.05	55.75	100	0	P	H
		17945	55.37	-18.63	74	52.16	46.56	13.16	56.51	111	205	P	H
		17945	45.4	-8.6	54	42.19	46.56	13.16	56.51	111	205	A	H
		10480	49.94	-18.26	68.2	56.24	39.92	10.21	56.43	100	0	P	V
		15720	44.92	-29.08	74	50.4	38.22	12.05	55.75	100	0	P	V
		17989	56.44	-17.56	74	51.94	47.79	13.19	56.48	135	205	P	V
		17989	45.77	-8.23	54	41.27	47.79	13.19	56.48	135	205	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.16	64.38	-9.62	74	53.6	31.91	6.28	27.41	100	146	P	H
		5150	49.51	-4.49	54	38.74	31.9	6.28	27.41	100	146	A	H
802.11n	*	5180	108.72	-	-	98.06	31.78	6.28	27.4	100	146	P	H
HT20	*	5180	101.43	-	-	90.77	31.78	6.28	27.4	100	146	A	H
CH 36		5148.2	63.47	-10.53	74	52.7	31.9	6.28	27.41	382	358	P	V
5180MHz		5150	48.5	-5.5	54	37.73	31.9	6.28	27.41	382	358	A	V
	*	5180	108.66	-	-	98	31.78	6.28	27.4	382	358	P	V
	*	5180	101.28	-	-	90.62	31.78	6.28	27.4	382	358	A	V
		5109.46	54.15	-19.85	74	43.32	31.98	6.27	27.42	100	70	P	H
		5149.5	45.64	-8.36	54	34.87	31.9	6.28	27.41	100	70	A	H
	*	5220	109.15	-	-	98.7	31.54	6.3	27.39	100	70	P	H
	*	5220	102	-	-	91.55	31.54	6.3	27.39	100	70	A	H
802.11n		5367.88	51.5	-22.5	74	41.11	31.37	6.37	27.35	100	70	P	H
HT20		5350	42.74	-11.26	54	32.44	31.3	6.36	27.36	100	70	A	H
CH 44		5075.4	53.58	-20.42	74	42.9	31.85	6.26	27.43	400	332	P	V
5220MHz		5132.08	44.31	-9.69	54	33.52	31.94	6.27	27.42	400	332	A	V
	*	5220	107.64	-	-	97.19	31.54	6.3	27.39	400	332	P	V
	*	5220	100.38	-	-	89.93	31.54	6.3	27.39	400	332	A	V
		5395.88	51.51	-22.49	74	40.99	31.48	6.39	27.35	400	332	P	V
		5384.12	42.02	-11.98	54	31.55	31.44	6.38	27.35	400	332	A	V

		5073.58	53.04	-20.96	74	42.37	31.84	6.26	27.43	100	164	P	H
		5149.76	43.92	-10.08	54	33.15	31.9	6.28	27.41	100	164	A	H
	*	5240	108.36	-	-	98.06	31.38	6.31	27.39	100	164	P	H
	*	5240	100.97	-	-	90.67	31.38	6.31	27.39	100	164	A	H
802.11n		5395.6	51.46	-22.54	74	40.94	31.48	6.39	27.35	100	164	P	H
HT20		5358.08	42.35	-11.65	54	32.01	31.33	6.37	27.36	100	164	A	H
CH 48		5098.02	53.25	-20.75	74	42.42	31.99	6.26	27.42	377	332	P	V
5240MHz		5148.46	44.02	-9.98	54	33.25	31.9	6.28	27.41	377	332	A	V
	*	5240	108.2	-	-	97.9	31.38	6.31	27.39	377	332	P	V
	*	5240	100.67	-	-	90.37	31.38	6.31	27.39	377	332	A	V
		5455.24	52.51	-21.49	74	41.72	31.71	6.41	27.33	377	332	P	V
		5410.16	42.06	-11.94	54	31.47	31.54	6.39	27.34	377	332	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	51.37	-16.83	68.2	57.89	39.84	10.15	56.51	100	0	P	H
		15540	46.87	-27.13	74	52.08	38.6	12.03	55.84	100	0	P	H
		17989	55.3	-18.7	74	50.8	47.79	13.19	56.48	132	252	P	H
		17989	47.94	-6.06	54	43.44	47.79	13.19	56.48	132	252	A	H
		10360	48.36	-19.84	68.2	54.88	39.84	10.15	56.51	100	0	P	V
		15540	44.99	-29.01	74	50.2	38.6	12.03	55.84	100	0	P	V
		17989	54.92	-19.08	74	50.42	47.79	13.19	56.48	103	211	P	V
		17989	47.79	-6.21	54	43.29	47.79	13.19	56.48	103	211	A	V
802.11n HT20 CH 44 5220MHz		10440	50.57	-17.63	68.2	56.88	39.96	10.19	56.46	100	0	P	H
		15660	44.72	-29.28	74	50.16	38.3	12.04	55.78	100	0	P	H
		17956	54.63	-19.37	74	51.1	46.87	13.16	56.5	139	231	P	H
		17956	46.96	-7.04	54	43.43	46.87	13.16	56.5	139	231	A	H
		10440	48.29	-19.91	68.2	54.6	39.96	10.19	56.46	100	0	P	V
		15660	44.07	-29.93	74	49.51	38.3	12.04	55.78	100	0	P	V
		17945	54.53	-19.47	74	51.32	46.56	13.16	56.51	122	221	P	V
		17945	46.33	-7.67	54	43.12	46.56	13.16	56.51	122	221	A	V

802.11n HT20 CH 48 5240MHz		10480	53.16	-15.04	68.2	59.46	39.92	10.21	56.43	100	0	P	H
		15720	44.33	-29.67	74	49.81	38.22	12.05	55.75	100	0	P	H
		17989	55.13	-18.87	74	50.63	47.79	13.19	56.48	132	262	P	H
		17989	48.12	-5.88	54	43.62	47.79	13.19	56.48	132	262	A	H
		10480	48.76	-19.44	68.2	55.06	39.92	10.21	56.43	100	0	P	V
		15720	45.6	-28.4	74	51.08	38.22	12.05	55.75	100	0	P	V
		17989	56.39	-17.61	74	51.89	47.79	13.19	56.48	120	241	P	V
		17989	47.9	-6.1	54	43.4	47.79	13.19	56.48	120	241	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5149.76	66.28	-7.72	74	55.51	31.9	6.28	27.41	100	152	P	H
		5148.72	50.5	-3.5	54	39.73	31.9	6.28	27.41	100	152	A	H
	*	5190	103.63	-	-	93	31.74	6.29	27.4	100	152	P	H
	*	5190	96	-	-	85.37	31.74	6.29	27.4	100	152	A	H
		5391.12	50.52	-23.48	74	40.02	31.46	6.39	27.35	100	152	P	H
		5444.88	42.77	-11.23	54	32.02	31.68	6.4	27.33	100	152	A	H
		5148.72	64.99	-9.01	74	54.22	31.9	6.28	27.41	385	340	P	V
		5150	50.36	-3.64	54	39.59	31.9	6.28	27.41	385	340	A	V
	*	5190	102.93	-	-	92.3	31.74	6.29	27.4	385	340	P	V
	*	5190	96.06	-	-	85.43	31.74	6.29	27.4	385	340	A	V
		5435.08	49.91	-24.09	74	39.21	31.64	6.4	27.34	385	340	P	V
		5451.32	42.65	-11.35	54	31.87	31.7	6.41	27.33	385	340	A	V
802.11n HT40 CH 46 5230MHz		5149.76	57.73	-16.27	74	46.96	31.9	6.28	27.41	100	165	P	H
		5148.72	45.72	-8.28	54	34.95	31.9	6.28	27.41	100	165	A	H
	*	5230	104.57	-	-	94.2	31.46	6.3	27.39	100	165	P	H
	*	5230	97.56	-	-	87.19	31.46	6.3	27.39	100	165	A	H
		5357.8	50.92	-23.08	74	40.58	31.33	6.37	27.36	100	165	P	H
		5351.08	43.16	-10.84	54	32.85	31.3	6.37	27.36	100	165	A	H
		5143	54.53	-19.47	74	43.75	31.91	6.28	27.41	377	333	P	V
		5148.98	45.01	-8.99	54	34.24	31.9	6.28	27.41	377	333	A	V
	*	5230	104.27	-	-	93.9	31.46	6.3	27.39	377	333	P	V
	*	5230	97.15	-	-	86.78	31.46	6.3	27.39	377	333	A	V
		5353.32	51.07	-22.93	74	40.75	31.31	6.37	27.36	377	333	P	V
		5355.84	42.96	-11.04	54	32.63	31.32	6.37	27.36	377	333	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	47.48	-20.72	68.2	53.89	39.92	10.16	56.49	100	0	P	H
		15570	45.35	-28.65	74	50.7	38.45	12.03	55.83	100	0	P	H
		17934	55.42	-18.58	74	52.54	46.25	13.15	56.52	136	207	P	H
		17934	46.29	-7.71	54	43.41	46.25	13.15	56.52	136	207	A	H
		10380	47.72	-20.48	68.2	54.13	39.92	10.16	56.49	100	0	P	V
		15570	44.96	-29.04	74	50.31	38.45	12.03	55.83	100	0	P	V
		17978	54.86	-19.14	74	50.68	47.48	13.19	56.49	137	218	P	V
		17978	47.59	-6.41	54	43.41	47.48	13.19	56.49	137	218	A	V
802.11n HT40 CH 46 5230MHz		10460	50.49	-17.71	68.2	56.79	39.94	10.2	56.44	100	0	P	H
		15690	45.53	-28.47	74	50.95	38.3	12.04	55.76	100	0	P	H
		17978	55.27	-18.73	74	51.09	47.48	13.19	56.49	124	221	P	H
		17978	47.66	-6.34	54	43.48	47.48	13.19	56.49	124	221	A	H
		10460	47.96	-20.24	68.2	54.26	39.94	10.2	56.44	100	0	P	V
		15690	45.24	-28.76	74	50.66	38.3	12.04	55.76	100	0	P	V
		17967	54.8	-19.2	74	50.95	47.18	13.17	56.5	112	241	P	V
		17967	47.11	-6.89	54	43.26	47.18	13.17	56.5	112	241	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5124.02	55.75	-18.25	74	44.95	31.95	6.27	27.42	100	152	P	H
		5150	49.98	-4.02	54	39.21	31.9	6.28	27.41	100	152	A	H
	*	5210	99.41	-	-	88.89	31.62	6.3	27.4	100	152	P	H
	*	5210	92.44	-	-	81.92	31.62	6.3	27.4	100	152	A	H
		5410.72	50.8	-23.2	74	40.21	31.54	6.39	27.34	100	152	P	H
		5458.88	44.14	-9.86	54	33.34	31.72	6.41	27.33	100	152	A	H
		5115.44	55.29	-18.71	74	44.47	31.97	6.27	27.42	339	334	P	V
		5147.94	49.25	-4.75	54	38.48	31.9	6.28	27.41	339	334	A	V
	*	5210	98.05	-	-	87.53	31.62	6.3	27.4	339	334	P	V
	*	5210	91.13	-	-	80.61	31.62	6.3	27.4	339	334	A	V
		5453.84	50.12	-23.88	74	39.33	31.71	6.41	27.33	339	334	P	V
		5400.64	43.79	-10.21	54	33.25	31.5	6.39	27.35	339	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	47.28	-20.92	68.2	53.59	39.98	10.18	56.47	100	0	P	H
		15630	45.79	-28.21	74	51.26	38.3	12.03	55.8	100	0	P	H
		17978	54.92	-19.08	74	50.74	47.48	13.19	56.49	134	213	P	H
		17978	47.59	-6.41	54	43.41	47.48	13.19	56.49	134	213	A	H
		10420	46.83	-21.37	68.2	53.14	39.98	10.18	56.47	100	0	P	V
		15630	44.42	-29.58	74	49.89	38.3	12.03	55.8	100	0	P	V
		17978	55.41	-18.59	74	51.23	47.48	13.19	56.49	109	216	P	V
		17978	47.32	-6.68	54	43.14	47.48	13.19	56.49	109	216	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5146.54	53.65	-20.35	74	42.87	31.91	6.28	27.41	100	76	P	H
		5148.58	44.37	-9.63	54	33.6	31.9	6.28	27.41	100	76	A	H
	*	5260	108.99	-	-	98.75	31.3	6.32	27.38	100	76	P	H
	*	5260	101.74	-	-	91.5	31.3	6.32	27.38	100	76	A	H
		5376.48	51.27	-22.73	74	40.83	31.41	6.38	27.35	100	76	P	H
		5350.56	43.81	-10.19	54	33.5	31.3	6.37	27.36	100	76	A	H
		5113.22	52.71	-21.29	74	41.89	31.97	6.27	27.42	375	333	P	V
		5122.06	43.98	-10.02	54	33.17	31.96	6.27	27.42	375	333	A	V
	*	5260	107.38	-	-	97.14	31.3	6.32	27.38	375	333	P	V
	*	5260	100.27	-	-	90.03	31.3	6.32	27.38	375	333	A	V
		5393.76	51.37	-22.63	74	40.85	31.48	6.39	27.35	375	333	P	V
		5390.16	42.3	-11.7	54	31.8	31.46	6.39	27.35	375	333	A	V
802.11a CH 60 5300MHz		5028.9	52.67	-21.33	74	42.24	31.62	6.25	27.44	100	76	P	H
		5128.18	43.91	-10.09	54	33.12	31.94	6.27	27.42	100	76	A	H
	*	5300	109.5	-	-	99.23	31.3	6.34	27.37	100	76	P	H
	*	5300	102.23	-	-	91.96	31.3	6.34	27.37	100	76	A	H
		5350.8	54.49	-19.51	74	44.18	31.3	6.37	27.36	100	76	P	H
		5351.04	45.56	-8.44	54	35.25	31.3	6.37	27.36	100	76	A	H
		5081.26	52.4	-21.6	74	41.68	31.89	6.26	27.43	393	333	P	V
		5130.9	43.61	-10.39	54	32.82	31.94	6.27	27.42	393	333	A	V
	*	5300	108.49	-	-	98.22	31.3	6.34	27.37	393	333	P	V
	*	5300	100.84	-	-	90.57	31.3	6.34	27.37	393	333	A	V
		5423.04	51.45	-22.55	74	40.8	31.59	6.4	27.34	393	333	P	V
		5350.8	43.3	-10.7	54	32.99	31.3	6.37	27.36	393	333	A	V

802.11a CH 64 5320MHz	*	5320	108.71	-	-	98.43	31.3	6.35	27.37	103	149	P	H
	*	5320	101.17	-	-	90.89	31.3	6.35	27.37	103	149	A	H
		5350.24	56.95	-17.05	74	46.64	31.3	6.37	27.36	103	149	P	H
		5350.4	46.99	-7.01	54	36.68	31.3	6.37	27.36	103	149	A	H
	*	5320	107.52	-	-	97.24	31.3	6.35	27.37	346	339	P	V
	*	5320	100	-	-	89.72	31.3	6.35	27.37	346	339	A	V
		5350.08	54.92	-19.08	74	44.61	31.3	6.37	27.36	346	339	P	V
		5351.04	45.02	-8.98	54	34.71	31.3	6.37	27.36	346	339	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	52.98	-15.22	68.2	59.2	39.96	10.23	56.41	100	0	P	H
		15780	44.26	-29.74	74	49.95	37.98	12.05	55.72	100	0	P	H
		18000	56.04	-17.96	74	51.21	48.1	13.2	56.47	115	218	P	H
		18000	46.15	-7.85	54	41.32	48.1	13.2	56.47	115	218	A	H
		10520	47.92	-20.28	68.2	54.14	39.96	10.23	56.41	100	0	P	V
		15780	44.42	-29.58	74	50.11	37.98	12.05	55.72	100	0	P	V
		17989	56.23	-17.77	74	51.73	47.79	13.19	56.48	140	222	P	V
		17989	46.33	-7.67	54	41.83	47.79	13.19	56.48	140	222	A	V
802.11a CH 60 5300MHz		10600	58.78	-15.22	74	64.67	40.2	10.27	56.36	100	125	P	H
		10600	46.87	-7.13	54	52.76	40.2	10.27	56.36	100	125	A	H
		15900	44.56	-29.44	74	50.35	37.8	12.07	55.66	100	0	P	H
		18000	55.82	-18.18	74	50.99	48.1	13.2	56.47	116	211	P	H
		18000	45.68	-8.32	54	40.85	48.1	13.2	56.47	116	211	A	H
		10600	48.56	-25.44	74	54.45	40.2	10.27	56.36	100	0	P	V
		15900	45.17	-28.83	74	50.96	37.8	12.07	55.66	100	0	P	V
		18000	56.57	-17.43	74	51.74	48.1	13.2	56.47	140	222	P	V
		18000	46.15	-7.85	54	41.32	48.1	13.2	56.47	140	222	A	V
		10600	48.56	-25.44	74	54.45	40.2	10.27	56.36	100	0	P	V

802.11a CH 64 5320MHz		10640	56.55	-17.45	74	62.4	40.2	10.29	56.34	100	126	P	H
		10640	45.95	-8.05	54	51.8	40.2	10.29	56.34	100	126	A	H
		15960	44.47	-29.53	74	50.23	37.8	12.07	55.63	100	0	P	H
		17989	56.13	-17.87	74	51.63	47.79	13.19	56.48	109	228	P	H
		17989	47.92	-6.08	54	43.42	47.79	13.19	56.48	109	228	A	H
		10640	50.09	-23.91	74	55.94	40.2	10.29	56.34	100	0	P	V
		15960	43.45	-30.55	74	49.21	37.8	12.07	55.63	100	0	P	V
		17978	55.2	-18.8	74	51.02	47.48	13.19	56.49	142	215	P	V
		17978	47.47	-6.53	54	43.29	47.48	13.19	56.49	142	215	A	V
		10640	50.09	-23.91	74	55.94	40.2	10.29	56.34	100	0	P	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)
		5096.9	54.52	-19.48	74	43.7	31.98	6.26	27.42	100	67	P	H
		5148.92	44.34	-9.66	54	33.57	31.9	6.28	27.41	100	67	A	H
	*	5260	109.15	-	-	98.91	31.3	6.32	27.38	100	67	P	H
	*	5260	102.07	-	-	91.83	31.3	6.32	27.38	100	67	A	H
802.11n		5370	52.65	-21.35	74	42.24	31.38	6.38	27.35	100	67	P	H
HT20		5350.32	43.81	-10.19	54	33.5	31.3	6.37	27.36	100	67	A	H
CH 52		5105.06	52.23	-21.77	74	41.39	31.99	6.27	27.42	356	329	P	V
5260MHz		5097.58	43.65	-10.35	54	32.82	31.99	6.26	27.42	356	329	A	V
	*	5260	107.2	-	-	96.96	31.3	6.32	27.38	356	329	P	V
	*	5260	99.98	-	-	89.74	31.3	6.32	27.38	356	329	A	V
		5370.96	51.02	-22.98	74	40.61	31.38	6.38	27.35	356	329	P	V
		5428.56	42.15	-11.85	54	31.48	31.61	6.4	27.34	356	329	A	V
		5073.44	52.41	-21.59	74	41.74	31.84	6.26	27.43	100	76	P	H
		5129.88	43.89	-10.11	54	33.1	31.94	6.27	27.42	100	76	A	H
	*	5300	109.53	-	-	99.26	31.3	6.34	27.37	100	76	P	H
	*	5300	101.77	-	-	91.5	31.3	6.34	27.37	100	76	A	H
802.11n		5359.2	54.04	-19.96	74	43.69	31.34	6.37	27.36	100	76	P	H
HT20		5351.28	45.47	-8.53	54	35.15	31.31	6.37	27.36	100	76	A	H
CH 60		5092.48	52.9	-21.1	74	42.12	31.95	6.26	27.43	391	333	P	V
5300MHz		5132.94	43.47	-10.53	54	32.69	31.93	6.27	27.42	391	333	A	V
	*	5300	108.47	-	-	98.2	31.3	6.34	27.37	391	333	P	V
	*	5300	100.39	-	-	90.12	31.3	6.34	27.37	391	333	A	V
		5350.32	51.8	-22.2	74	41.49	31.3	6.37	27.36	391	333	P	V
		5350.32	43.5	-10.5	54	33.19	31.3	6.37	27.36	391	333	A	V

802.11n HT20 CH 64 5320MHz	*	5320	108.28	-	-	98	31.3	6.35	27.37	118	149	P	H
	*	5320	100.91	-	-	90.63	31.3	6.35	27.37	118	149	A	H
		5353.76	58.28	-15.72	74	47.95	31.32	6.37	27.36	118	149	P	H
		5350.4	47.82	-6.18	54	37.51	31.3	6.37	27.36	118	149	A	H
	*	5320	106.78	-	-	96.5	31.3	6.35	27.37	386	332	P	V
	*	5320	99.61	-	-	89.33	31.3	6.35	27.37	386	332	A	V
		5351.52	55.61	-18.39	74	45.29	31.31	6.37	27.36	386	332	P	V
		5350.08	46.15	-7.85	54	35.84	31.3	6.37	27.36	386	332	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	51.31	-16.89	68.2	57.53	39.96	10.23	56.41	100	0	P	H
		15780	44.83	-29.17	74	50.52	37.98	12.05	55.72	100	0	P	H
		17978	54.97	-19.03	74	50.79	47.48	13.19	56.49	131	217	P	H
		17978	47.56	-6.44	54	43.38	47.48	13.19	56.49	131	217	A	H
		10520	48.89	-19.31	68.2	55.11	39.96	10.23	56.41	100	0	P	V
		15780	44.35	-29.65	74	50.04	37.98	12.05	55.72	100	0	P	V
		17989	54.79	-19.21	74	50.29	47.79	13.19	56.48	108	252	P	V
		17989	48.12	-5.88	54	43.62	47.79	13.19	56.48	108	252	A	V
802.11n HT20 CH 60 5300MHz		10600	57.9	-16.1	74	63.79	40.2	10.27	56.36	109	115	P	H
		10600	45.89	-8.11	54	51.78	40.2	10.27	56.36	109	115	A	H
		15900	44.5	-29.5	74	50.29	37.8	12.07	55.66	100	0	P	H
		17967	54.82	-19.18	74	50.97	47.18	13.17	56.5	134	182	P	H
		17967	47.38	-6.62	54	43.53	47.18	13.17	56.5	134	182	A	H
		10600	48.88	-25.12	74	54.77	40.2	10.27	56.36	100	0	P	V
		15900	45.35	-28.65	74	51.14	37.8	12.07	55.66	100	0	P	V
		17956	55.36	-18.64	74	51.83	46.87	13.16	56.5	127	229	P	V
		17956	46.87	-7.13	54	43.34	46.87	13.16	56.5	127	229	A	V
		10600	48.88	-25.12	74	54.77	40.2	10.27	56.36	100	0	P	V

802.11n HT20 CH 64 5320MHz		10640	55.77	-18.23	74	61.62	40.2	10.29	56.34	100	125	P	H
		10640	44.92	-9.08	54	50.77	40.2	10.29	56.34	100	125	A	H
		15960	43.37	-30.63	74	49.13	37.8	12.07	55.63	100	0	P	H
		17956	54.21	-19.79	74	50.68	46.87	13.16	56.5	125	229	P	H
		17956	46.95	-7.05	54	43.42	46.87	13.16	56.5	125	229	A	H
		10640	48.78	-25.22	74	54.63	40.2	10.29	56.34	100	0	P	V
		15960	43.57	-30.43	74	49.33	37.8	12.07	55.63	100	0	P	V
		17956	55.11	-18.89	74	51.58	46.87	13.16	56.5	132	208	P	V
		17956	46.93	-7.07	54	43.4	46.87	13.16	56.5	132	208	A	V
		10640	48.78	-25.22	74	54.63	40.2	10.29	56.34	100	0	P	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		5133.62	53.75	-20.25	74	42.97	31.93	6.27	27.42	100	73	P	H
		5105.4	44.9	-9.1	54	34.06	31.99	6.27	27.42	100	73	A	H
	*	5270	106.31	-	-	96.07	31.3	6.32	27.38	100	73	P	H
	*	5270	98.6	-	-	88.36	31.3	6.32	27.38	100	73	A	H
		5355.84	52.55	-21.45	74	42.22	31.32	6.37	27.36	100	73	P	H
		5351.52	45.22	-8.78	54	34.9	31.31	6.37	27.36	100	73	A	H
		5022.1	52.24	-21.76	74	41.84	31.59	6.25	27.44	376	339	P	V
		5107.44	44.43	-9.57	54	33.59	31.99	6.27	27.42	376	339	A	V
	*	5270	104.12	-	-	93.88	31.3	6.32	27.38	376	339	P	V
	*	5270	96.55	-	-	86.31	31.3	6.32	27.38	376	339	A	V
		5395.2	51.42	-22.58	74	40.9	31.48	6.39	27.35	376	339	P	V
		5370.48	43.4	-10.6	54	32.99	31.38	6.38	27.35	376	339	A	V
802.11n HT40 CH 62 5310MHz		5079.9	52.48	-21.52	74	41.77	31.88	6.26	27.43	100	149	P	H
		5116.28	44.09	-9.91	54	33.27	31.97	6.27	27.42	100	149	A	H
	*	5310	104.41	-	-	94.14	31.3	6.34	27.37	100	149	P	H
	*	5310	97.11	-	-	86.84	31.3	6.34	27.37	100	149	A	H
		5350.56	64.05	-9.95	74	53.74	31.3	6.37	27.36	100	149	P	H
		5350.08	50.75	-3.25	54	40.44	31.3	6.37	27.36	100	149	A	H
		5128.52	52.79	-21.21	74	42	31.94	6.27	27.42	345	331	P	V
		5133.62	44.1	-9.9	54	33.32	31.93	6.27	27.42	345	331	A	V
	*	5310	101.88	-	-	91.61	31.3	6.34	27.37	345	331	P	V
	*	5310	94.63	-	-	84.36	31.3	6.34	27.37	345	331	A	V
		5350.08	61.13	-12.87	74	50.82	31.3	6.37	27.36	345	331	P	V
		5351.76	48.58	-5.42	54	38.26	31.31	6.37	27.36	345	331	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	49.28	-18.92	68.2	55.42	40.02	10.24	56.4	100	0	P	H
		15810	44.17	-29.83	74	49.93	37.89	12.06	55.71	100	0	P	H
		17934	55.42	-18.58	74	52.54	46.25	13.15	56.52	122	203	P	H
		17934	46.35	-7.65	54	43.47	46.25	13.15	56.52	122	203	A	H
		10540	47.76	-20.44	68.2	53.9	40.02	10.24	56.4	100	0	P	V
		15810	42.9	-31.1	74	48.66	37.89	12.06	55.71	100	0	P	V
		17967	54.73	-19.27	74	50.88	47.18	13.17	56.5	136	233	P	V
		17967	47.5	-6.5	54	43.65	47.18	13.17	56.5	136	233	A	V
802.11n HT40 CH 62 5310MHz		10620	49.34	-24.66	74	55.21	40.2	10.28	56.35	100	0	P	H
		15930	44.27	-29.73	74	50.05	37.8	12.07	55.65	100	0	P	H
		17978	55.26	-18.74	74	51.08	47.48	13.19	56.49	128	223	P	H
		17978	47.41	-6.59	54	43.23	47.48	13.19	56.49	128	223	A	H
		10620	48.74	-25.26	74	54.61	40.2	10.28	56.35	100	0	P	V
		15930	45.34	-28.66	74	51.12	37.8	12.07	55.65	100	0	P	V
		17978	54.56	-19.44	74	50.38	47.48	13.19	56.49	108	153	P	V
		17978	47.57	-6.43	54	43.39	47.48	13.19	56.49	108	153	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		5064.94	52.33	-21.67	74	41.71	31.79	6.26	27.43	101	150	P	H
		5123.08	45.68	-8.32	54	34.88	31.95	6.27	27.42	101	150	A	H
	*	5290	99.08	-	-	88.81	31.3	6.34	27.37	101	150	P	H
	*	5290	91.87	-	-	81.6	31.3	6.34	27.37	101	150	A	H
		5361.6	57.53	-16.47	74	47.17	31.35	6.37	27.36	101	150	P	H
		5351.52	50.78	-3.22	54	40.46	31.31	6.37	27.36	101	150	A	H
		5037.74	52.17	-21.83	74	41.71	31.65	6.25	27.44	330	330	P	V
		5083.64	45.33	-8.67	54	34.6	31.9	6.26	27.43	330	330	A	V
	*	5290	97.17	-	-	86.9	31.3	6.34	27.37	330	330	P	V
	*	5290	90.22	-	-	79.95	31.3	6.34	27.37	330	330	A	V
		5355.36	54.05	-19.95	74	43.72	31.32	6.37	27.36	330	330	P	V
		5350.56	47.67	-6.33	54	37.36	31.3	6.37	27.36	330	330	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	47.46	-20.74	68.2	53.43	40.14	10.26	56.37	100	0	P	H
		15870	43.93	-30.07	74	49.7	37.83	12.07	55.67	100	0	P	H
		17967	54.7	-19.3	74	50.85	47.18	13.17	56.5	126	225	P	H
		17967	47.14	-6.86	54	43.29	47.18	13.17	56.5	126	225	A	H
		10580	47.18	-21.02	68.2	53.15	40.14	10.26	56.37	100	0	P	V
		15870	43.22	-30.78	74	48.99	37.83	12.07	55.67	100	0	P	V
		17967	55.01	-18.99	74	51.16	47.18	13.17	56.5	132	211	P	V
		17967	47.22	-6.78	54	43.37	47.18	13.17	56.5	132	211	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5458.96	56.21	-17.79	74	45.41	31.72	6.41	27.33	102	153	P	H
		5468.72	57.89	-10.31	68.2	47.07	31.74	6.41	27.33	102	153	P	H
		5459.44	46.78	-7.22	54	35.98	31.72	6.41	27.33	102	153	A	H
	*	5500	109.88	-	-	98.98	31.8	6.42	27.32	102	153	P	H
	*	5500	102.06	-	-	91.16	31.8	6.42	27.32	102	153	A	H
		5459	53.06	-20.94	74	42.26	31.72	6.41	27.33	340	340	P	V
		5468.4	54.14	-14.06	68.2	43.32	31.74	6.41	27.33	340	340	P	V
		5458.96	44.02	-9.98	54	33.22	31.72	6.41	27.33	340	340	A	V
	*	5500	106.67	-	-	95.77	31.8	6.42	27.32	340	340	P	V
	*	5500	98.84	-	-	87.94	31.8	6.42	27.32	340	340	A	V
802.11a CH 116 5580MHz		5449.12	52.53	-21.47	74	41.76	31.7	6.4	27.33	100	76	P	H
		5468.32	51.23	-16.97	68.2	40.41	31.74	6.41	27.33	100	76	P	H
		5457.52	43.72	-10.28	54	32.92	31.72	6.41	27.33	100	76	A	H
	*	5580	109.69	-	-	98.81	31.82	6.44	27.38	100	76	P	H
	*	5580	102.25	-	-	91.37	31.82	6.44	27.38	100	76	A	H
		5750.51	51.69	-16.51	68.2	40.69	32.1	6.4	27.5	100	76	P	H
		5450.8	51.68	-22.32	74	40.9	31.7	6.41	27.33	352	333	P	V
		5466.64	51.01	-17.19	68.2	40.2	31.73	6.41	27.33	352	333	P	V
		5455.6	42.79	-11.21	54	32	31.71	6.41	27.33	352	333	A	V
	*	5580	107.49	-	-	96.61	31.82	6.44	27.38	352	333	P	V
	*	5580	100.26	-	-	89.38	31.82	6.44	27.38	352	333	A	V
		5737.28	51.03	-17.17	68.2	40.04	32.07	6.41	27.49	352	333	P	V

802.11a CH 140 5700MHz	*	5700	109.72	-	-	98.76	32	6.42	27.46	100	150	P	H
	*	5700	102.45	-	-	91.49	32	6.42	27.46	100	150	A	H
		5727.64	64.54	-3.66	68.2	53.55	32.06	6.41	27.48	100	150	P	H
	*	5700	105.74	-	-	94.78	32	6.42	27.46	336	339	P	V
	*	5700	98.04	-	-	87.08	32	6.42	27.46	336	339	A	V
		5728.92	58.12	-10.08	68.2	47.13	32.06	6.41	27.48	336	339	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	49.17	-24.83	74	54.43	40.4	10.47	56.13	100	0	P	H
		16500	45.67	-22.53	68.2	49.42	39.4	12.26	55.41	100	0	P	H
		17989	56.64	-17.36	74	52.14	47.79	13.19	56.48	105	209	P	H
		17989	47.9	-6.1	54	43.4	47.79	13.19	56.48	105	209	A	H
		11000	47.17	-26.83	74	52.43	40.4	10.47	56.13	100	0	P	V
		16500	45.98	-22.22	68.2	49.73	39.4	12.26	55.41	100	0	P	V
		17956	56.45	-17.55	74	52.92	46.87	13.16	56.5	153	205	P	V
		17956	46.96	-7.04	54	43.43	46.87	13.16	56.5	153	205	A	V
802.11a CH 116 5580MHz		11160	49.67	-24.33	74	55.27	39.88	10.54	56.02	100	0	P	H
		16740	47.1	-21.1	68.2	50.28	40.08	12.35	55.61	100	0	P	H
		17989	55.9	-18.1	74	51.4	47.79	13.19	56.48	100	217	P	H
		17989	45.8	-8.2	54	41.3	47.79	13.19	56.48	100	217	A	H
		11160	47.71	-26.29	74	53.31	39.88	10.54	56.02	100	0	P	V
		16740	47.13	-21.07	68.2	50.31	40.08	12.35	55.61	100	0	P	V
		17989	55.4	-18.6	74	50.9	47.79	13.19	56.48	140	205	P	V
		17989	45.17	-8.83	54	40.67	47.79	13.19	56.48	140	205	A	V

802.11a CH 140 5700MHz		11400	53.46	-20.54	74	58.88	39.8	10.64	55.86	100	125	P	H
		11400	42.89	-11.11	54	48.31	39.8	10.64	55.86	100	125	A	H
		17100	47.65	-20.55	68.2	51.36	39.8	12.52	56.03	100	0	P	H
		17978	55.39	-18.61	74	51.21	47.48	13.19	56.49	105	208	P	H
		17978	45.8	-8.2	54	41.62	47.48	13.19	56.49	105	208	P	H
		11400	47.95	-26.05	74	53.37	39.8	10.64	55.86	100	0	P	V
		17100	48.34	-19.86	68.2	52.05	39.8	12.52	56.03	100	0	P	V
		17978	55.83	-18.17	74	51.65	47.48	13.19	56.49	135	217	P	V
		17978	46.09	-7.91	54	41.91	47.48	13.19	56.49	135	217	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 (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)
		5460	57.76	-10.44	68.2	46.96	31.72	6.41	27.33	100	147	P	H
		5469.36	64.88	-3.32	68.2	54.06	31.74	6.41	27.33	100	147	P	H
		5457.04	47.51	-6.49	54	36.72	31.71	6.41	27.33	100	147	A	H
802.11n	*	5500	109.98	-	-	99.08	31.8	6.42	27.32	100	147	P	H
HT20	*	5500	102.6	-	-	91.7	31.8	6.42	27.32	100	147	A	H
CH 100		5459.12	53.51	-20.49	74	42.71	31.72	6.41	27.33	345	332	P	V
5500MHz		5468.4	60.43	-7.77	68.2	49.61	31.74	6.41	27.33	345	332	P	V
		5458.64	44.79	-9.21	54	33.99	31.72	6.41	27.33	345	332	A	V
	*	5500	107.7	-	-	96.8	31.8	6.42	27.32	345	332	P	V
	*	5500	99.81	-	-	88.91	31.8	6.42	27.32	345	332	A	V
		5423.44	50.76	-23.24	74	40.11	31.59	6.4	27.34	104	152	P	H
		5468.56	51.85	-16.35	68.2	41.03	31.74	6.41	27.33	104	152	P	H
		5458.96	43.16	-10.84	54	32.36	31.72	6.41	27.33	104	152	A	H
	*	5580	109.34	-	-	98.46	31.82	6.44	27.38	104	152	P	H
802.11n	*	5580	102.04	-	-	91.16	31.82	6.44	27.38	104	152	A	H
HT20		5749.25	50.96	-17.24	68.2	39.95	32.1	6.41	27.5	104	152	P	H
CH 116		5446.96	51.22	-22.78	74	40.46	31.69	6.4	27.33	352	326	P	V
5580MHz		5462.56	50.44	-17.76	68.2	39.63	31.73	6.41	27.33	352	326	P	V
		5455.12	42.54	-11.46	54	31.75	31.71	6.41	27.33	352	326	A	V
	*	5580	107.5	-	-	96.62	31.82	6.44	27.38	352	326	P	V
	*	5580	99.59	-	-	88.71	31.82	6.44	27.38	352	326	A	V
		5739.485	51.23	-16.97	68.2	40.23	32.08	6.41	27.49	352	326	P	V

802.11n HT20 CH 140 5700MHz	*	5700	109.06	-	-	98.1	32	6.42	27.46	100	150	P	H
	*	5700	101.26	-	-	90.3	32	6.42	27.46	100	150	A	H
		5725.4	63.56	-4.64	68.2	52.58	32.05	6.41	27.48	100	150	P	H
	*	5700	104.46	-	-	93.5	32	6.42	27.46	355	323	P	V
	*	5700	97.37	-	-	86.41	32	6.42	27.46	355	323	A	V
		5726.44	61.3	-6.9	68.2	50.32	32.05	6.41	27.48	355	323	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	53.04	-20.96	74	58.3	40.4	10.47	56.13	100	114	P	H
		11000	42.45	-11.55	54	47.71	40.4	10.47	56.13	100	114	A	H
		16500	43.46	-24.74	68.2	47.21	39.4	12.26	55.41	100	0	P	H
		17967	53.51	-20.49	74	49.66	47.18	13.17	56.5	113	205	P	H
		11000	48.14	-25.86	74	53.4	40.4	10.47	56.13	100	0	P	V
		16500	44.28	-23.92	68.2	48.03	39.4	12.26	55.41	100	0	P	V
		17989	52.98	-21.02	74	48.48	47.79	13.19	56.48	140	199	P	V
		17989	43.28	-10.72	54	38.78	47.79	13.19	56.48	140	199	A	V
		11000	48.14	-25.86	74	53.4	40.4	10.47	56.13	100	0	P	V
802.11n HT20 CH 116 5580MHz		11160	48.96	-25.04	74	54.56	39.88	10.54	56.02	100	0	P	H
		16740	43.78	-24.42	68.2	46.96	40.08	12.35	55.61	100	0	P	H
		17978	52.62	-21.38	74	48.44	47.48	13.19	56.49	115	223	P	H
		17978	42.74	-11.26	54	38.56	47.48	13.19	56.49	115	223	A	H
		11160	46.44	-27.56	74	52.04	39.88	10.54	56.02	100	0	P	V
		16740	45.63	-22.57	68.2	48.81	40.08	12.35	55.61	100	0	P	V
		18000	52.37	-21.63	74	47.54	48.1	13.2	56.47	135	227	P	V
		18000	42.51	-11.49	54	37.68	48.1	13.2	56.47	135	227	A	V

802.11n HT20 CH 140 5700MHz		11400	48.5	-25.5	74	53.92	39.8	10.64	55.86	100	0	P	H
		17100	47.9	-20.3	68.2	51.61	39.8	12.52	56.03	100	0	P	H
		17978	56.53	-17.47	74	52.35	47.48	13.19	56.49	113	214	P	H
		17978	46.74	-7.26	54	42.56	47.48	13.19	56.49	113	214	A	H
		11400	47.83	-26.17	74	53.25	39.8	10.64	55.86	100	0	P	V
		17100	48.06	-20.14	68.2	51.77	39.8	12.52	56.03	100	0	P	V
		17967	55.91	-18.09	74	52.06	47.18	13.17	56.5	141	199	P	V
		17967	46.21	-7.79	54	42.36	47.18	13.17	56.5	141	199	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)
		5459.44	57.82	-16.18	74	47.02	31.72	6.41	27.33	106	146	P	H
		5469.04	62.64	-5.56	68.2	51.82	31.74	6.41	27.33	106	146	P	H
		5459.44	45.79	-8.21	54	34.99	31.72	6.41	27.33	106	146	A	H
	*	5510	104	-	-	93.13	31.78	6.42	27.33	106	146	P	H
802.11n	*	5510	96.58	-	-	85.71	31.78	6.42	27.33	106	146	A	H
HT40		5760.905	51.97	-16.23	68.2	40.98	32.1	6.4	27.51	106	146	P	H
CH 102		5454.88	51.88	-22.12	74	41.09	31.71	6.41	27.33	340	338	P	V
5510MHz		5469.04	58.76	-9.44	68.2	47.94	31.74	6.41	27.33	340	338	P	V
		5459.68	43.79	-10.21	54	32.99	31.72	6.41	27.33	340	338	A	V
	*	5510	100.98	-	-	90.11	31.78	6.42	27.33	340	338	P	V
	*	5510	93.54	-	-	82.67	31.78	6.42	27.33	340	338	A	V
		5754.605	51.64	-16.56	68.2	40.64	32.1	6.4	27.5	340	338	P	V
		5449.84	52.43	-21.57	74	41.66	31.7	6.4	27.33	100	172	P	H
		5466.16	53.02	-15.18	68.2	42.21	31.73	6.41	27.33	100	172	P	H
		5455.84	43.95	-10.05	54	33.16	31.71	6.41	27.33	100	172	A	H
	*	5550	105.4	-	-	94.63	31.7	6.43	27.36	100	172	P	H
802.11n	*	5550	97.24	-	-	86.47	31.7	6.43	27.36	100	172	A	H
HT40		5734.76	51.55	-16.65	68.2	40.56	32.07	6.41	27.49	100	172	P	H
CH 110		5399.44	52.2	-21.8	74	41.66	31.5	6.39	27.35	354	339	P	V
5550MHz		5465.68	52.18	-16.02	68.2	41.37	31.73	6.41	27.33	354	339	P	V
		5441.92	42.99	-11.01	54	32.26	31.67	6.4	27.34	354	339	A	V
	*	5550	102.86	-	-	92.09	31.7	6.43	27.36	354	339	P	V
	*	5550	95.11	-	-	84.34	31.7	6.43	27.36	354	339	A	V
		5745.47	51.96	-16.24	68.2	40.96	32.09	6.41	27.5	354	339	P	V

		5423.85	51.46	-22.54	74	40.8	31.6	6.4	27.34	100	146	P	H
		5469.35	53.03	-15.17	68.2	42.21	31.74	6.41	27.33	100	146	P	H
		5434.35	42.82	-11.18	54	32.12	31.64	6.4	27.34	100	146	A	H
	*	5670	105.73	-	-	94.86	31.88	6.43	27.44	100	146	P	H
802.11n	*	5670	98.58	-	-	87.71	31.88	6.43	27.44	100	146	A	H
HT40		5744.84	56.86	-11.34	68.2	45.86	32.09	6.41	27.5	100	146	P	H
CH 134		5450.1	51.4	-22.6	74	40.62	31.7	6.41	27.33	336	332	P	V
5670MHz		5469.35	50.6	-17.6	68.2	39.78	31.74	6.41	27.33	336	332	P	V
		5459.55	42.19	-11.81	54	31.39	31.72	6.41	27.33	336	332	A	V
	*	5670	102.45	-	-	91.58	31.88	6.43	27.44	336	332	P	V
	*	5670	95.03	-	-	84.16	31.88	6.43	27.44	336	332	A	V
		5727.2	54.56	-13.64	68.2	43.58	32.05	6.41	27.48	336	332	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)
		11020	47.21	-26.79	74	52.53	40.32	10.48	56.12	100	0	P	H
		16530	46.07	-22.13	68.2	49.84	39.4	12.27	55.44	100	0	P	H
802.11n		18000	56.39	-17.61	74	51.56	48.1	13.2	56.47	117	197	P	H
HT40		18000	46.48	-7.52	54	41.65	48.1	13.2	56.47	117	197	A	H
CH 102		11020	47.44	-26.56	74	52.76	40.32	10.48	56.12	100	0	P	V
5510MHz		16530	45.35	-22.85	68.2	49.12	39.4	12.27	55.44	100	0	P	V
		17989	55.87	-18.13	74	51.37	47.79	13.19	56.48	147	215	P	V
		17989	45.9	-8.1	54	41.4	47.79	13.19	56.48	147	215	A	V
		11100	47.63	-26.37	74	53.18	40	10.51	56.06	100	0	P	H
		16650	46.83	-21.37	68.2	50.36	39.7	12.31	55.54	100	0	P	H
802.11n		17978	55.61	-18.39	74	51.43	47.48	13.19	56.49	115	217	P	H
HT40		17978	45.81	-8.19	54	41.63	47.48	13.19	56.49	115	217	A	H
CH 110		11100	47.97	-26.03	74	53.52	40	10.51	56.06	100	0	P	V
5550MHz		16650	45.63	-22.57	68.2	49.16	39.7	12.31	55.54	100	0	P	V
		17989	55.71	-18.29	74	51.21	47.79	13.19	56.48	149	228	P	V
		17989	45.87	-8.13	54	41.37	47.79	13.19	56.48	149	228	A	V

802.11n HT40 CH 134 5670MHz		11340	47.83	-26.17	74	53.38	39.74	10.61	55.9	100	0	P	H
		17010	47.43	-20.77	68.2	50.67	40.16	12.45	55.85	100	0	P	H
		17989	55.06	-18.94	74	50.56	47.79	13.19	56.48	117	205	P	H
		17989	45.14	-8.86	54	40.64	47.79	13.19	56.48	117	205	A	H
		11340	47.45	-26.55	74	53	39.74	10.61	55.9	100	0	P	V
		17010	47.11	-21.09	68.2	50.35	40.16	12.45	55.85	100	0	P	V
		18000	56.35	-17.65	74	51.52	48.1	13.2	56.47	150	216	P	V
		18000	46.52	-7.48	54	41.69	48.1	13.2	56.47	150	216	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)
		5457.04	59.45	-14.55	74	48.66	31.71	6.41	27.33	100	146	P	H
		5469.76	60.19	-8.01	68.2	49.37	31.74	6.41	27.33	100	146	P	H
		5455.6	49.66	-4.34	54	38.87	31.71	6.41	27.33	100	146	A	H
	*	5530	101.68	-	-	90.85	31.74	6.43	27.34	100	146	P	H
802.11ac	*	5530	94.51	-	-	83.68	31.74	6.43	27.34	100	146	A	H
VHT80		5725	51.18	-17.02	68.2	40.2	32.05	6.41	27.48	100	146	P	H
CH 106		5459.2	55.87	-18.13	74	45.07	31.72	6.41	27.33	400	342	P	V
5530MHz		5468.08	56.04	-12.16	68.2	45.22	31.74	6.41	27.33	400	342	P	V
		5454.16	46.9	-7.1	54	36.11	31.71	6.41	27.33	400	342	A	V
	*	5530	99.83	-	-	89	31.74	6.43	27.34	400	342	P	V
	*	5530	92.23	-	-	81.4	31.74	6.43	27.34	400	342	A	V
		5734.76	50.62	-17.58	68.2	39.63	32.07	6.41	27.49	400	342	P	V
		5436.4	52.85	-21.15	74	42.14	31.65	6.4	27.34	101	152	P	H
		5469.76	49.63	-18.57	68.2	38.81	31.74	6.41	27.33	101	152	P	H
		5459.68	44.68	-9.32	54	33.88	31.72	6.41	27.33	101	152	A	H
	*	5610	102.41	-	-	91.48	31.88	6.45	27.4	101	152	P	H
802.11ac	*	5610	94.82	-	-	83.89	31.88	6.45	27.4	101	152	A	H
VHT80		5743.895	52.08	-16.12	68.2	41.08	32.09	6.41	27.5	101	152	P	H
CH 122		5442.88	51.11	-22.89	74	40.37	31.67	6.4	27.33	345	331	P	V
5610MHz		5461.84	51.15	-17.05	68.2	40.35	31.72	6.41	27.33	345	331	P	V
		5441.68	44.05	-9.95	54	33.32	31.67	6.4	27.34	345	331	A	V
	*	5610	99.49	-	-	88.56	31.88	6.45	27.4	345	331	P	V
	*	5610	91.79	-	-	80.86	31.88	6.45	27.4	345	331	A	V
		5726.57	51.18	-17.02	68.2	40.2	32.05	6.41	27.48	345	331	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	47.57	-26.43	74	53	40.16	10.5	56.09	100	0	P	H
		16590	45.76	-22.44	68.2	49.56	39.4	12.29	55.49	100	0	P	H
		17989	55.5	-18.5	74	51	47.79	13.19	56.48	117	208	P	H
		17989	45.35	-8.65	54	40.85	47.79	13.19	56.48	117	208	A	H
		11060	48.72	-25.28	74	54.15	40.16	10.5	56.09	100	0	P	V
		16590	46.32	-21.88	68.2	50.12	39.4	12.29	55.49	100	0	P	V
		18000	55.69	-18.31	74	50.86	48.1	13.2	56.47	135	218	P	V
		18000	45.36	-8.64	54	40.53	48.1	13.2	56.47	135	218	A	V
802.11ac VHT80 CH 122 5610MHz		11220	47.63	-26.37	74	53.27	39.78	10.56	55.98	100	0	P	H
		16830	47.37	-20.83	68.2	50.51	40.17	12.38	55.69	100	0	P	H
		17967	57.02	-16.98	74	53.17	47.18	13.17	56.5	121	218	P	H
		17967	46.93	-7.07	54	43.08	47.18	13.17	56.5	121	218	A	H
		11220	46.83	-27.17	74	52.47	39.78	10.56	55.98	100	0	P	V
		16830	47.09	-21.11	68.2	50.23	40.17	12.38	55.69	100	0	P	V
		17989	55.52	-18.48	74	51.02	47.79	13.19	56.48	132	209	P	V
		17989	46.06	-7.94	54	41.56	47.79	13.19	56.48	132	209	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		5423.32	50.86	-23.14	74	40.21	31.59	6.4	27.34	101	160	P	H
		5460.76	49.38	-18.82	68.2	38.58	31.72	6.41	27.33	101	160	P	H
		5456.86	42.14	-11.86	54	31.35	31.71	6.41	27.33	101	160	A	H
	*	5720	109.81	-	-	98.84	32.04	6.41	27.48	101	160	P	H
	*	5720	102.59	-	-	91.62	32.04	6.41	27.48	101	160	A	H
		5862.25	52.04	-16.16	68.2	40.83	32.35	6.44	27.58	101	160	P	H
		5450.23	50.34	-23.66	74	39.56	31.7	6.41	27.33	354	329	P	V
		5468.95	50.5	-17.7	68.2	39.68	31.74	6.41	27.33	354	329	P	V
		5457.64	42.08	-11.92	54	31.28	31.72	6.41	27.33	354	329	A	V
	*	5720	107.38	-	-	96.41	32.04	6.41	27.48	354	329	P	V
	*	5720	100.18	-	-	89.21	32.04	6.41	27.48	354	329	A	V
		5878.75	51.22	-16.98	68.2	39.93	32.42	6.46	27.59	354	329	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	54.82	-19.18	74	60.08	39.92	10.65	55.83	100	121	P	H
		11440	43.97	-10.03	54	49.23	39.92	10.65	55.83	100	121	A	H
		17160	49.32	-18.88	68.2	53.06	39.86	12.56	56.16	100	0	P	H
		17967	56.02	-17.98	74	52.17	47.18	13.17	56.5	115	198	P	H
		11440	48.86	-25.14	74	54.12	39.92	10.65	55.83	100	0	P	V
		17160	48.29	-19.91	68.2	52.03	39.86	12.56	56.16	100	0	P	V
		18000	56.25	-17.75	74	51.42	48.1	13.2	56.47	133	221	P	V
		18000	46.21	-7.79	54	41.38	48.1	13.2	56.47	133	221	A	V
		11440	48.86	-25.14	74	54.12	39.92	10.65	55.83	100	0	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 (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		5449.84	50.93	-23.07	74	40.16	31.7	6.4	27.33	100	159	P	H
		5460.37	49.65	-18.55	68.2	38.85	31.72	6.41	27.33	100	159	P	H
		5456.08	42.18	-11.82	54	31.39	31.71	6.41	27.33	100	159	A	H
	*	5720	110.13	-	-	99.16	32.04	6.41	27.48	100	159	P	H
	*	5720	102.61	-	-	91.64	32.04	6.41	27.48	100	159	A	H
		5886	51.88	-16.32	68.2	40.58	32.44	6.46	27.6	100	159	P	H
		5455.69	50.87	-23.13	74	40.08	31.71	6.41	27.33	353	336	P	V
		5465.05	50.18	-18.02	68.2	39.37	31.73	6.41	27.33	353	336	P	V
		5459.2	41.91	-12.09	54	31.11	31.72	6.41	27.33	353	336	A	V
	*	5720	106.88	-	-	95.91	32.04	6.41	27.48	353	336	P	V
	*	5720	99.26	-	-	88.29	32.04	6.41	27.48	353	336	A	V
		5877.25	51.92	-16.28	68.2	40.64	32.41	6.46	27.59	353	336	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	55.55	-18.45	74	60.81	39.92	10.65	55.83	100	68	P	H
		11440	44.76	-9.24	54	50.02	39.92	10.65	55.83	100	68	A	H
		17160	47.91	-20.29	68.2	51.65	39.86	12.56	56.16	100	0	P	H
		17945	56	-18	74	52.79	46.56	13.16	56.51	116	227	P	H
		11440	48.55	-25.45	74	53.81	39.92	10.65	55.83	100	0	P	V
		17160	47.85	-20.35	68.2	51.59	39.86	12.56	56.16	100	0	P	V
		18000	55.74	-18.26	74	50.91	48.1	13.2	56.47	145	208	P	V
		18000	45.68	-8.32	54	40.85	48.1	13.2	56.47	145	208	A	V
		11440	48.55	-25.45	74	53.81	39.92	10.65	55.83	100	0	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 (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		5447.11	51.01	-22.99	74	40.25	31.69	6.4	27.33	101	159	P	H
		5468.17	51.52	-16.68	68.2	40.7	31.74	6.41	27.33	101	159	P	H
		5458.81	42.67	-11.33	54	31.87	31.72	6.41	27.33	101	159	A	H
	*	5710	105.95	-	-	94.98	32.02	6.42	27.47	101	159	P	H
	*	5710	98.77	-	-	87.8	32.02	6.42	27.47	101	159	A	H
		5906.75	52.81	-15.39	68.2	41.41	32.53	6.48	27.61	101	159	P	H
		5389	50.94	-23.06	74	40.45	31.46	6.38	27.35	355	328	P	V
		5463.1	50.72	-17.48	68.2	39.91	31.73	6.41	27.33	355	328	P	V
		5453.74	42.77	-11.23	54	31.98	31.71	6.41	27.33	355	328	A	V
	*	5710	103.26	-	-	92.29	32.02	6.42	27.47	355	328	P	V
	*	5710	95.83	-	-	84.86	32.02	6.42	27.47	355	328	A	V
		5873.75	52.89	-15.31	68.2	41.63	32.4	6.45	27.59	355	328	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	47.1	-26.9	74	52.43	39.86	10.65	55.84	100	0	P	H
		17130	48.23	-19.97	68.2	51.97	39.83	12.53	56.1	100	0	P	H
		17978	55.96	-18.04	74	51.78	47.48	13.19	56.49	118	215	P	H
		17978	45.84	-8.16	54	41.66	47.48	13.19	56.49	118	215	A	H
		11420	46.9	-27.1	74	52.23	39.86	10.65	55.84	100	0	P	V
		17130	48.23	-19.97	68.2	51.97	39.83	12.53	56.1	100	0	P	V
		17989	55.68	-18.32	74	51.18	47.79	13.19	56.48	142	213	P	V
		17989	45.77	-8.23	54	41.27	47.79	13.19	56.48	142	213	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		5457.25	51.98	-22.02	74	41.19	31.71	6.41	27.33	100	159	P	H
		5468.17	51.37	-16.83	68.2	40.55	31.74	6.41	27.33	100	159	P	H
		5389.39	44.56	-9.44	54	34.07	31.46	6.38	27.35	100	159	A	H
	*	5690	103.68	-	-	92.76	31.96	6.42	27.46	100	159	P	H
	*	5690	95.83	-	-	84.91	31.96	6.42	27.46	100	159	A	H
		5891.8	52.33	-15.87	68.2	40.99	32.47	6.47	27.6	100	159	P	H
		5432.29	51.46	-22.54	74	40.77	31.63	6.4	27.34	356	335	P	V
		5461.93	50.89	-17.31	68.2	40.09	31.72	6.41	27.33	356	335	P	V
		5459.98	43.68	-10.32	54	32.88	31.72	6.41	27.33	356	335	A	V
	*	5690	100.85	-	-	89.93	31.96	6.42	27.46	356	335	P	V
	*	5690	92.93	-	-	82.01	31.96	6.42	27.46	356	335	A	V
		5939.5	52.34	-15.86	68.2	40.81	32.66	6.51	27.64	356	335	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	46.31	-27.69	74	51.77	39.78	10.63	55.87	100	0	P	H
		17070	47.54	-20.66	68.2	51.1	39.92	12.49	55.97	100	0	P	H
		17989	55.45	-18.55	74	50.95	47.79	13.19	56.48	126	211	P	H
		17989	45.37	-8.63	54	40.87	47.79	13.19	56.48	126	211	A	H
		11380	47.22	-26.78	74	52.68	39.78	10.63	55.87	100	0	P	V
		17070	48.13	-20.07	68.2	51.69	39.92	12.49	55.97	100	0	P	V
		17989	56.8	-17.2	74	52.3	47.79	13.19	56.48	145	213	P	V
		17989	46.89	-7.11	54	42.39	47.79	13.19	56.48	145	213	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 802.11ac VHT80 CH 58 5290MHz SHF		33312	44.02	-24.18	68.2	40.49	40.84	26.49	54.26	150	0	P	H
		37184	46.13	-22.07	68.2	41.83	42.76	28.03	56.95	150	0	P	H
		26558	42.64	-25.56	68.2	41.62	40.1	23.54	53.08	150	0	P	V
		31178	44.75	-23.45	68.2	43.99	40.49	25.45	55.64	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. Super High Frequency (SHF)												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		126.03	23.41	-20.09	43.5	36.93	17.67	1.05	32.24	-	-	P	H
		182.29	23.41	-20.09	43.5	39.38	15.01	1.28	32.26	-	-	P	H
		271.53	23.16	-22.84	46	34.74	18.89	1.51	31.98	-	-	P	H
		309.36	23.16	-22.84	46	34.03	19.36	1.6	31.83	-	-	P	H
		852.56	31.39	-14.61	46	30.96	28.97	2.64	31.18	-	-	P	H
		945.68	32.41	-13.59	46	30.13	30.29	2.8	30.81	100	0	P	H
		31.94	23.51	-16.49	40	31.59	23.62	0.53	32.23	-	-	P	V
		47.46	22.8	-17.2	40	38.74	15.69	0.65	32.28	-	-	P	V
		80.44	19.25	-20.75	40	37.03	13.63	0.84	32.25	-	-	P	V
		91.11	19.82	-23.68	43.5	36.15	15.04	0.87	32.24	-	-	P	V
		846.74	31.75	-14.25	46	31.39	28.92	2.63	31.19	-	-	P	V
		959.26	32.67	-13.33	46	30.02	30.57	2.82	30.74	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

<WPC Charging Mode>

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		5091.46	52.55	-21.45	74	41.77	31.95	6.26	27.43	104	80	P	H
		5107.1	45.47	-8.53	54	34.63	31.99	6.27	27.42	104	80	A	H
	*	5290	98.77	-	-	88.5	31.3	6.34	27.37	104	80	P	H
	*	5290	91.89	-	-	81.62	31.3	6.34	27.37	104	80	A	H
		5357.52	57.34	-16.66	74	47	31.33	6.37	27.36	104	80	P	H
		5350.56	49.35	-4.65	54	39.04	31.3	6.37	27.36	104	80	A	H
		5036.04	52.86	-21.14	74	42.41	31.64	6.25	27.44	364	347	P	V
		5119.34	45.56	-8.44	54	34.75	31.96	6.27	27.42	364	347	A	V
	*	5290	98.7	-	-	88.43	31.3	6.34	27.37	364	347	P	V
	*	5290	91.28	-	-	81.01	31.3	6.34	27.37	364	347	A	V
		5350.32	55.35	-18.65	74	45.04	31.3	6.37	27.36	364	347	P	V
		5350.56	47.94	-6.06	54	37.63	31.3	6.37	27.36	364	347	A	V
Remark	3. No other spurious found. 4. 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	47.86	-20.34	68.2	53.83	40.14	9.63	56.37	100	0	P	H
		15870	43.72	-30.28	74	49.49	37.83	11.62	55.67	100	0	P	H
		17945	55.16	-18.84	74	51.95	46.56	12.35	56.51	121	223	P	H
		17945	46.73	-7.27	54	43.52	46.56	12.35	56.51	121	223	A	H
		10580	47.11	-21.09	68.2	53.08	40.14	9.63	56.37	100	0	P	V
		15870	43.24	-30.76	74	49.01	37.83	11.62	55.67	100	0	P	V
		17967	55.41	-18.59	74	51.56	47.18	12.36	56.5	132	219	P	V
		17967	47.32	-6.68	54	43.47	47.18	12.36	56.5	132	219	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average 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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

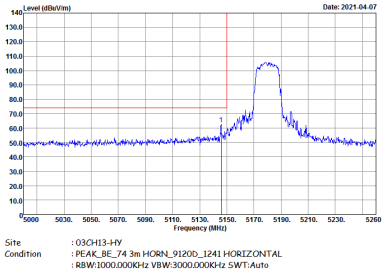
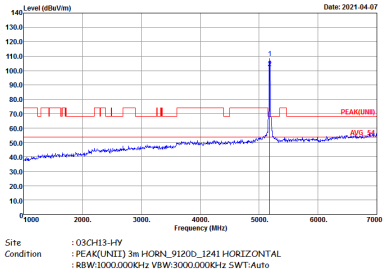
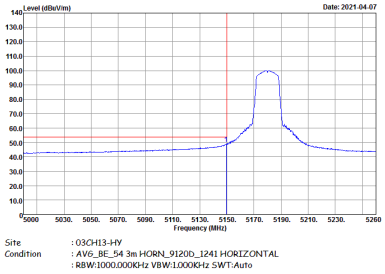
Test Engineer :	Daniel Lee, Jacky Hong and Wilson Wu	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

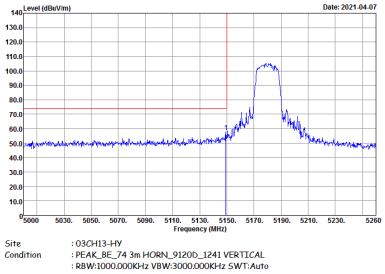
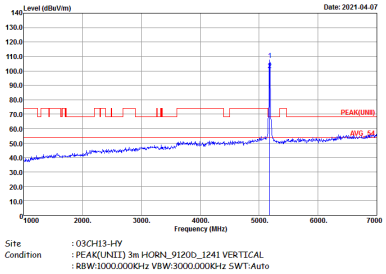
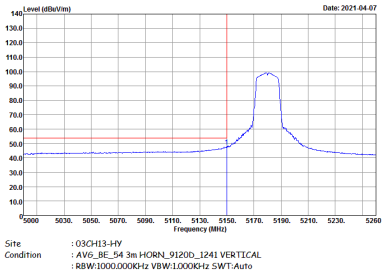
Note symbol

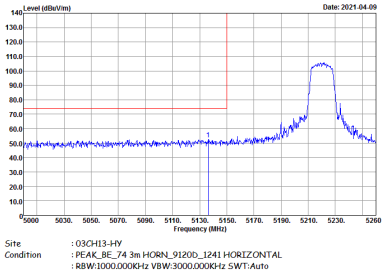
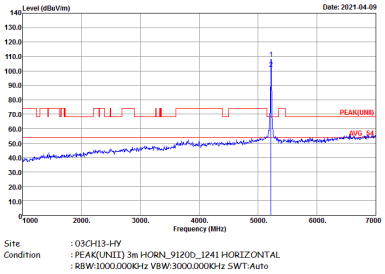
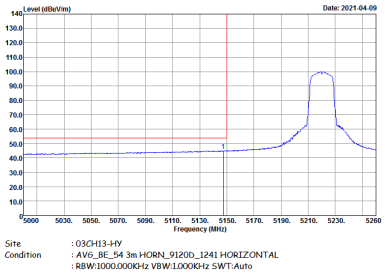
-L	**Low channel location**
-R	**High channel location**

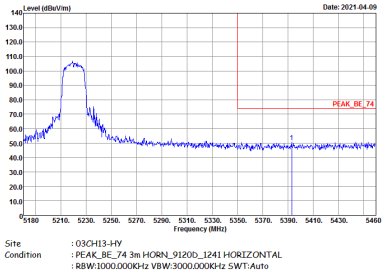
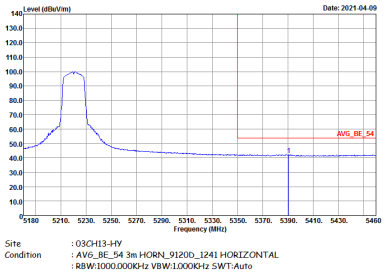
Band 1 - 5150~5250MHz

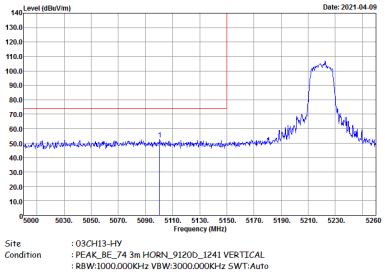
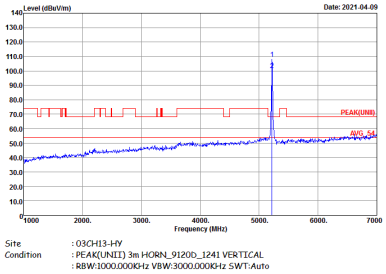
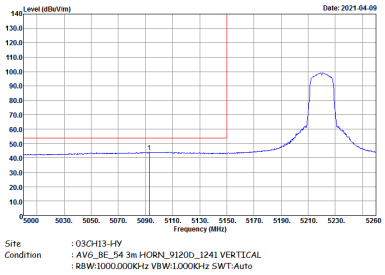
WIFI 802.11a (Band Edge @ 3m)

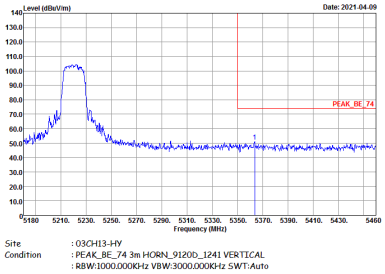
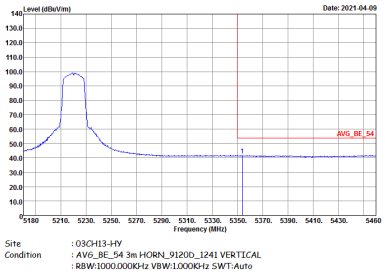
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

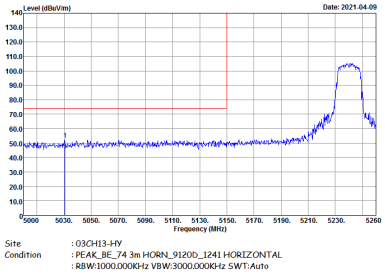
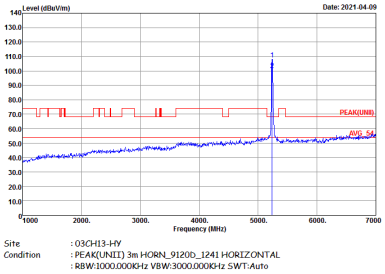
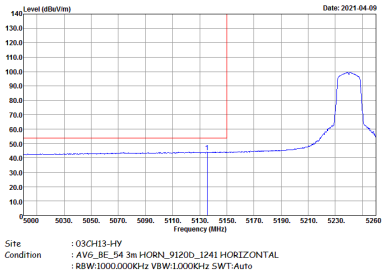
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

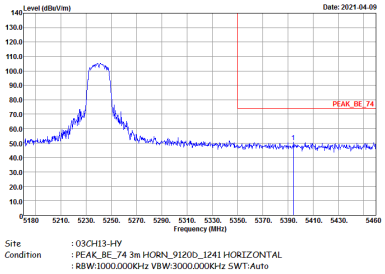
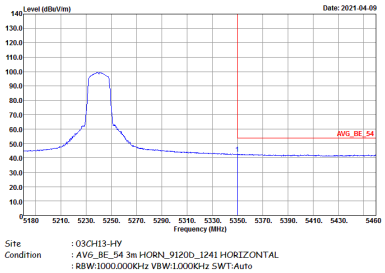
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

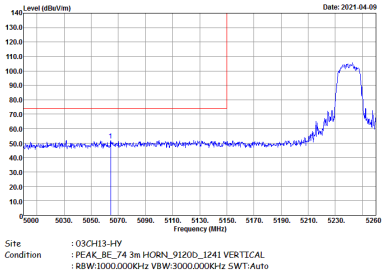
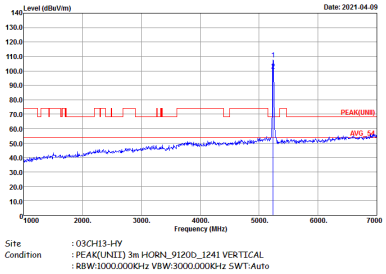
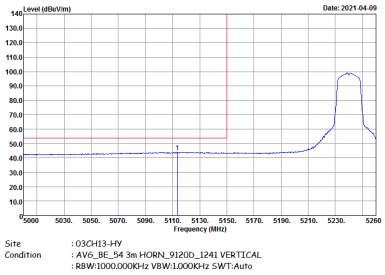
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

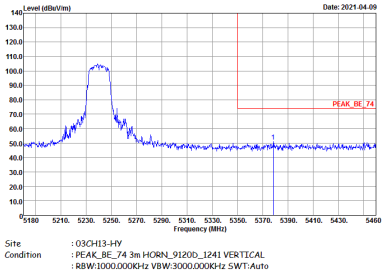
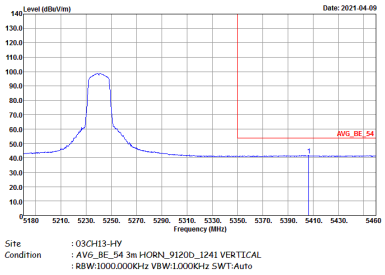
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

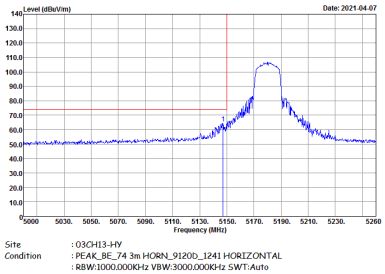
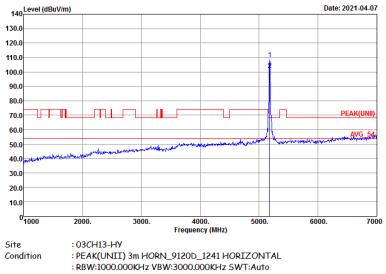
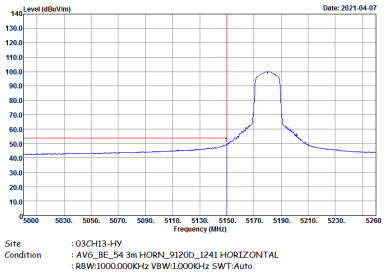
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

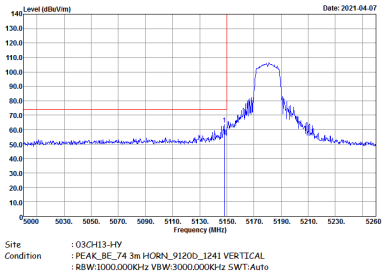
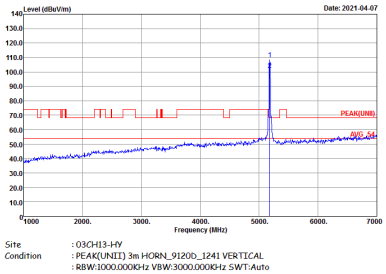
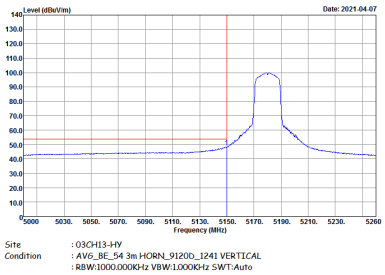
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

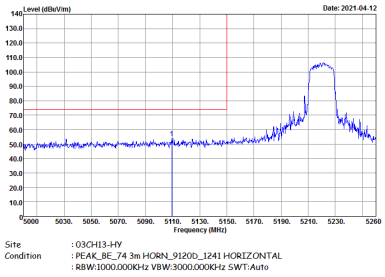
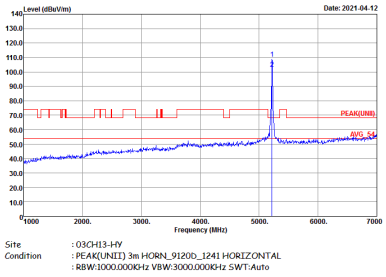
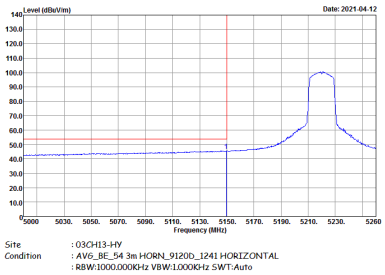
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

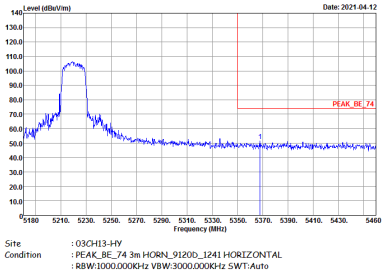
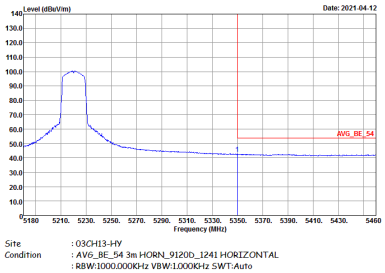
Band 1 5150~5250MHz

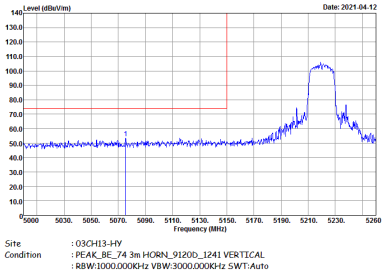
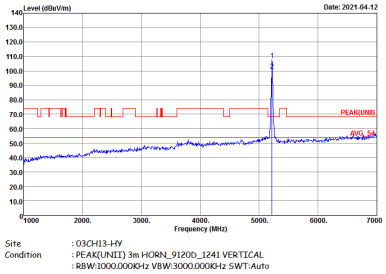
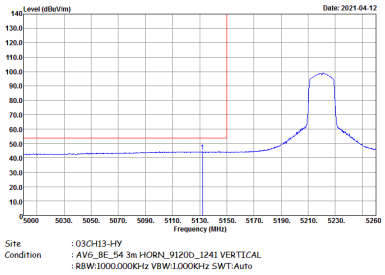
WIFI 802.11n HT20 (Band Edge @ 3m)

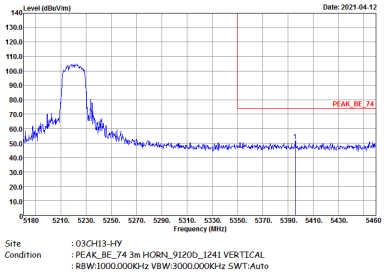
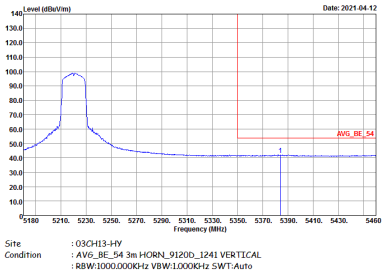
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

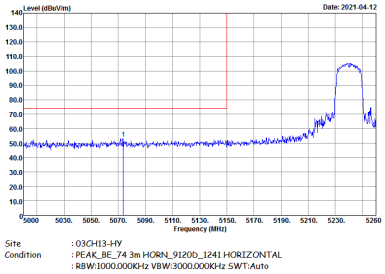
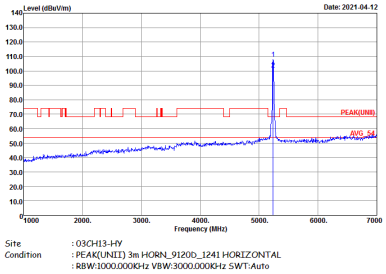
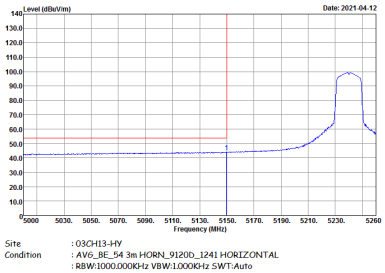
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

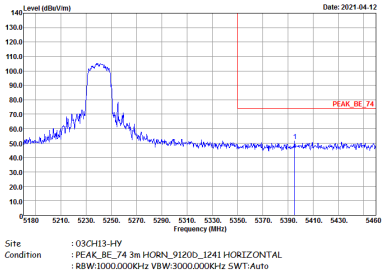
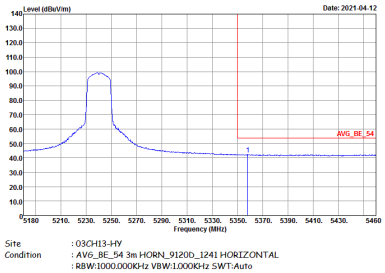
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

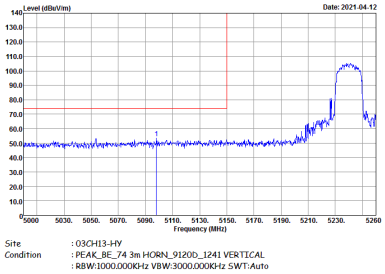
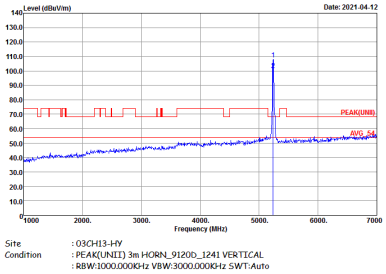
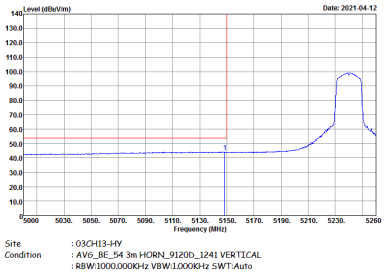
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

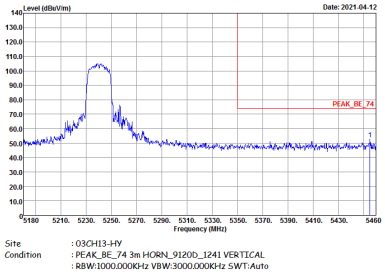
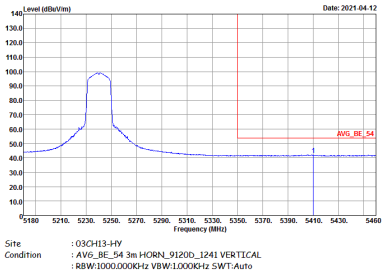
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

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

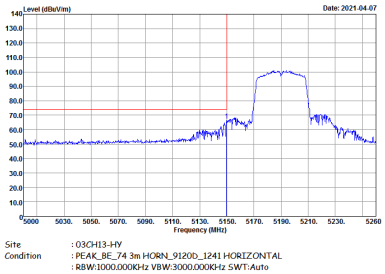
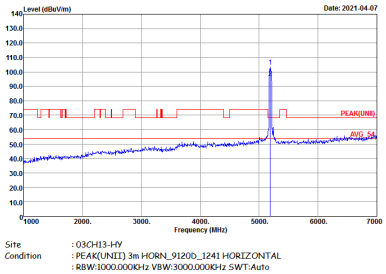
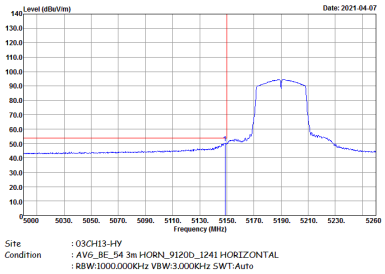
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

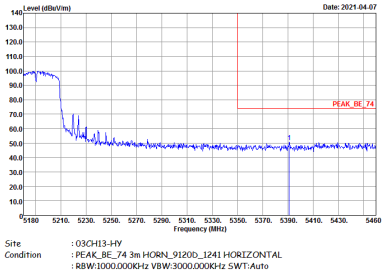
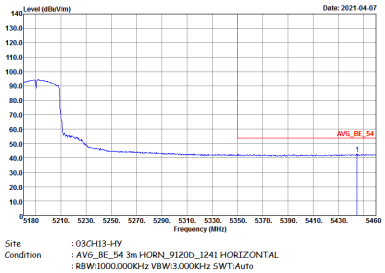
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

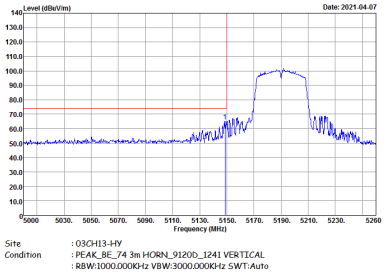
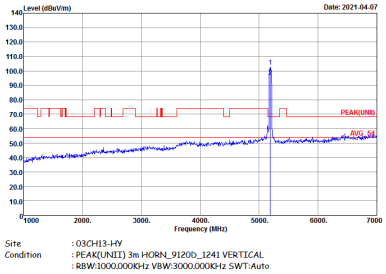
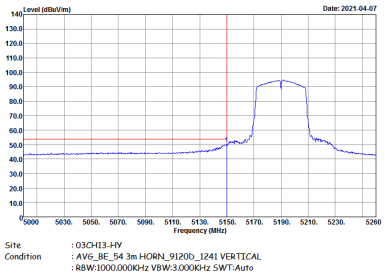
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

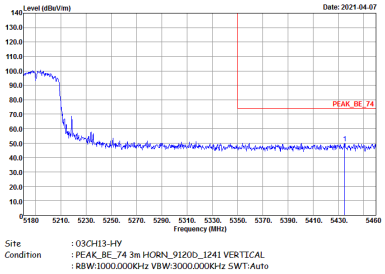
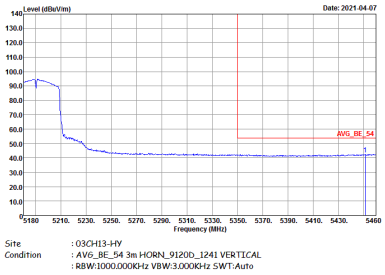
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

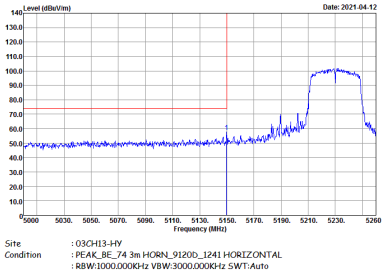
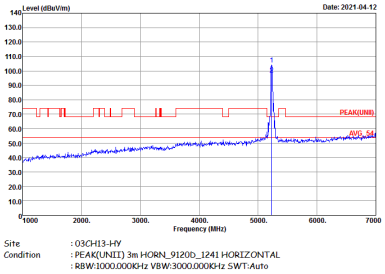
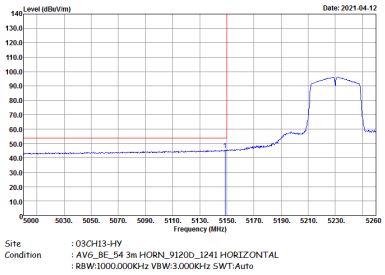
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

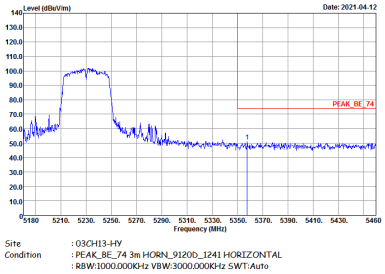
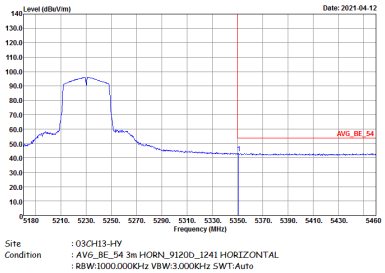
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

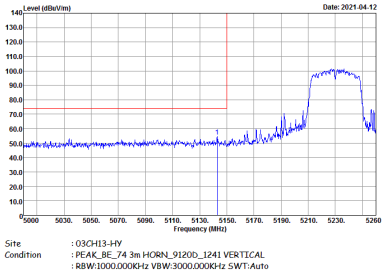
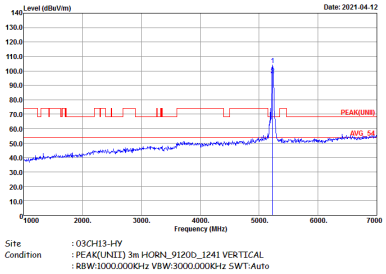
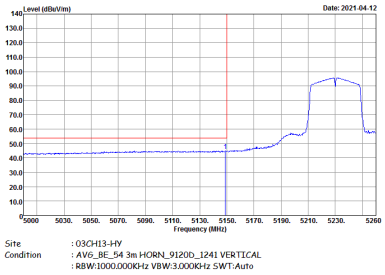
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

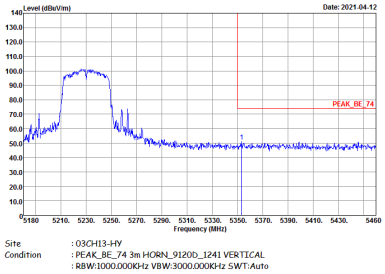
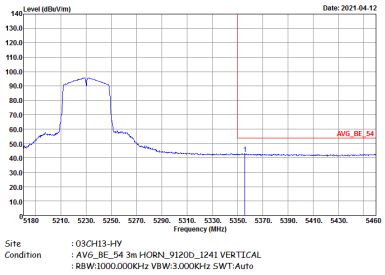
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

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

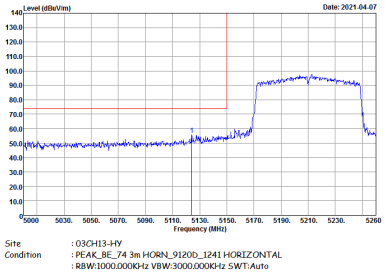
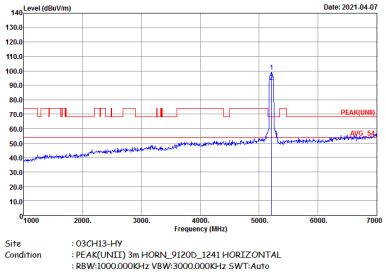
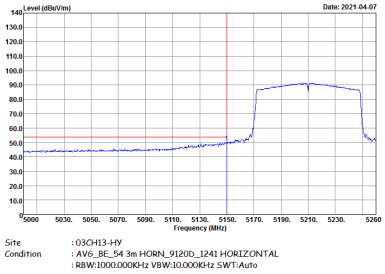
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

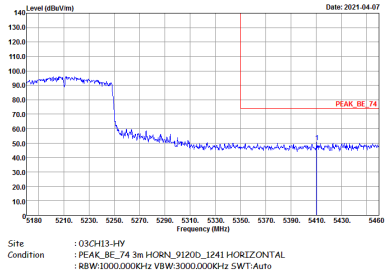
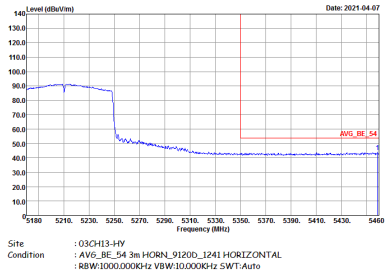
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

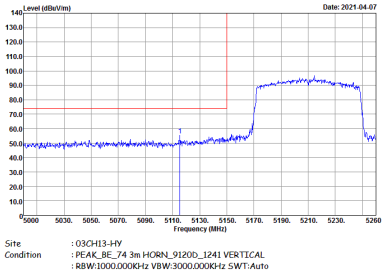
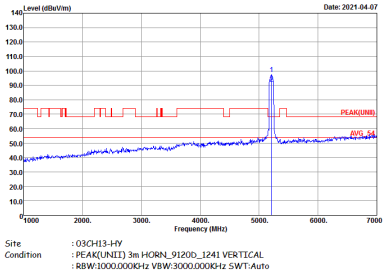
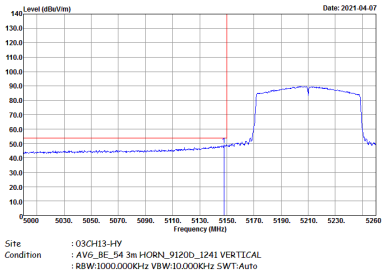
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

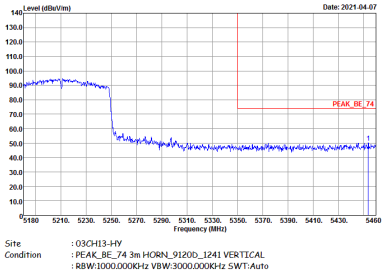
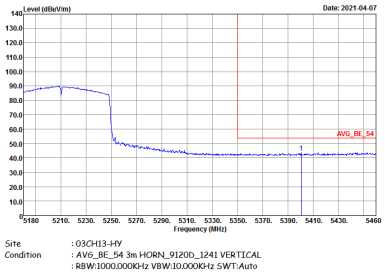
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

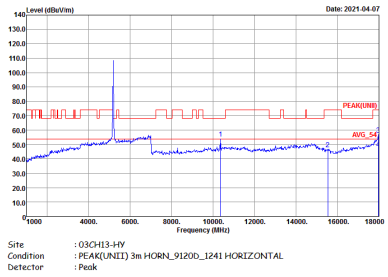
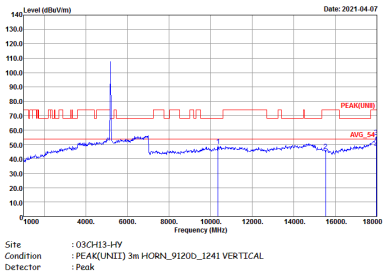
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

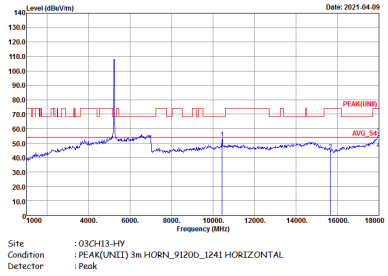
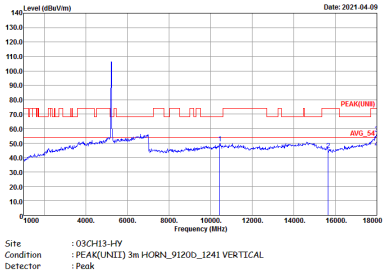
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

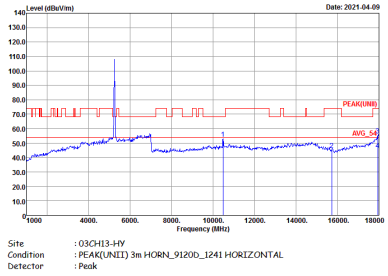
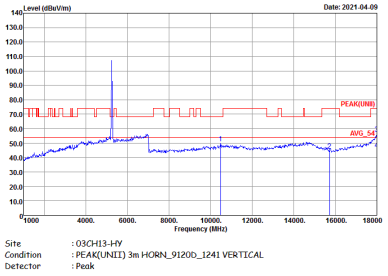
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

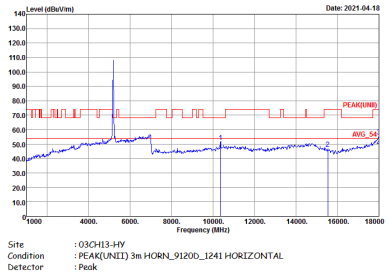
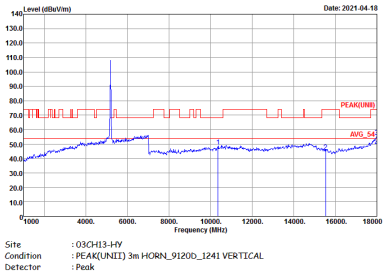
WIFI 802.11a (Harmonic @ 3m)

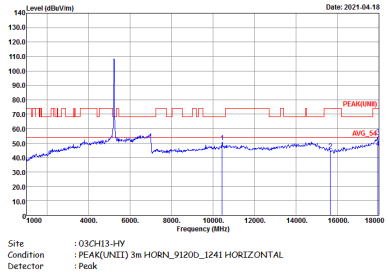
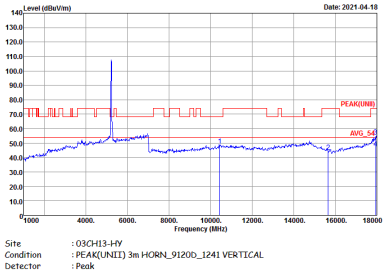
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
2	Horizontal	Vertical
Peak Avg.		

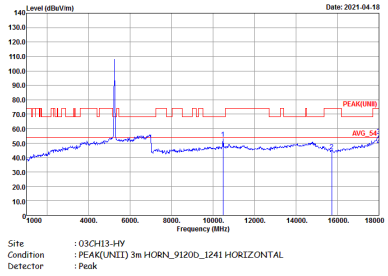
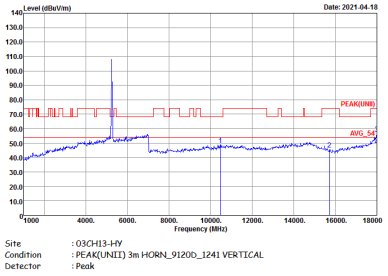
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
2	Horizontal	Vertical
Peak Avg.		

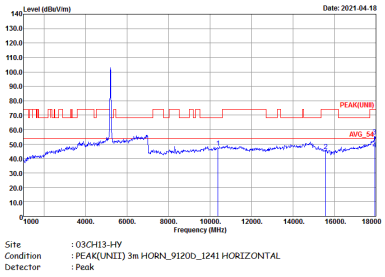
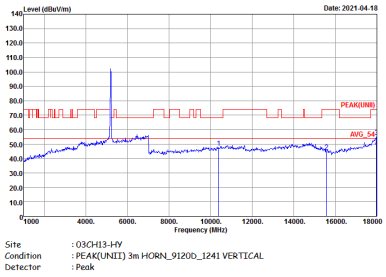
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

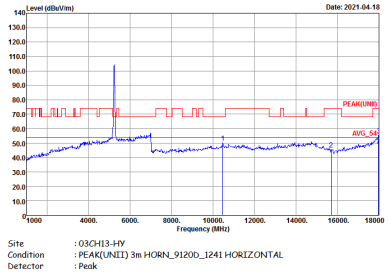
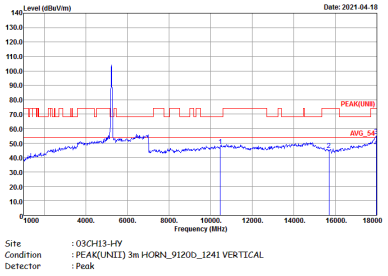
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
2	Horizontal	Vertical
Peak Avg.		

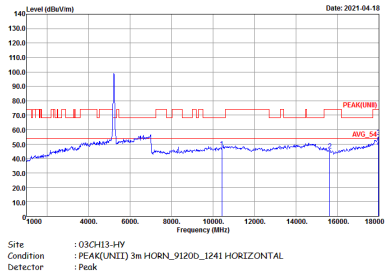
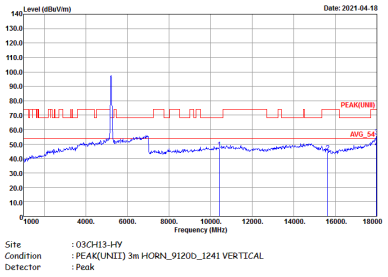
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
2	Horizontal	Vertical
Peak Avg.		

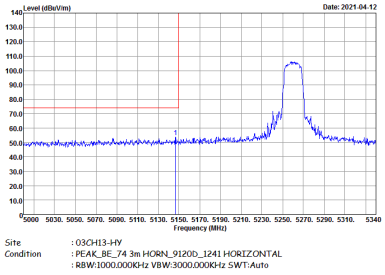
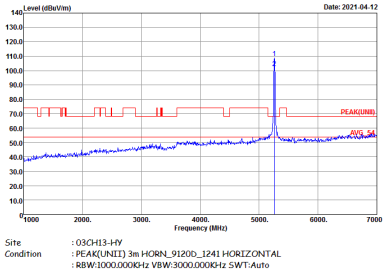
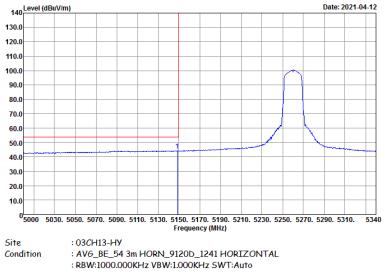
Band 1 5150~5250MHz

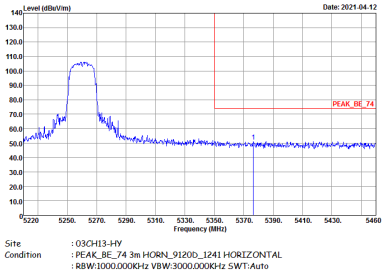
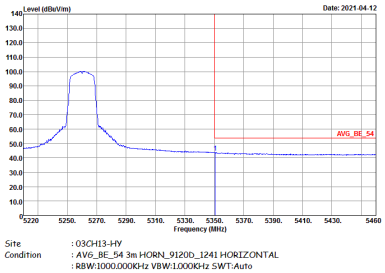
WIFI 802.11ac VHT80 (Harmonic @ 3m)

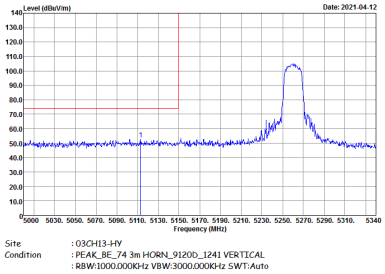
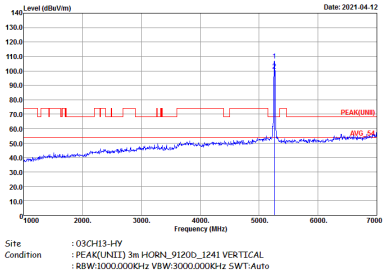
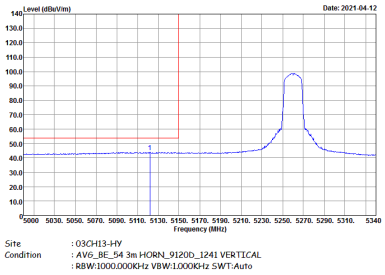
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
2	Horizontal	Vertical
Peak Avg.		

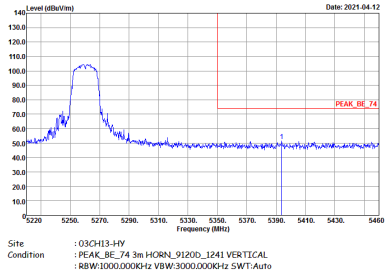
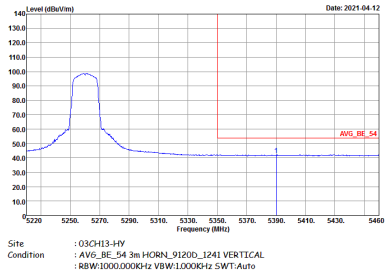
Band 2 - 5250~5350MHz

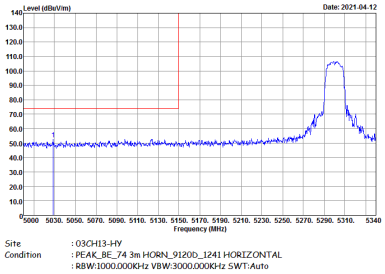
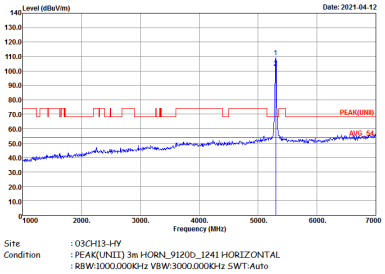
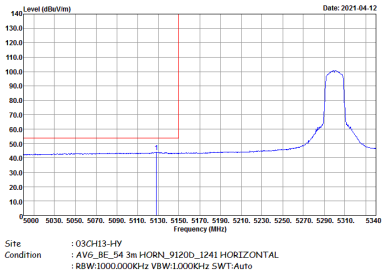
WIFI 802.11a (Band Edge @ 3m)

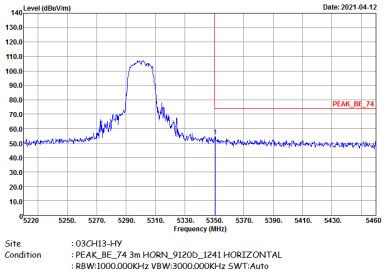
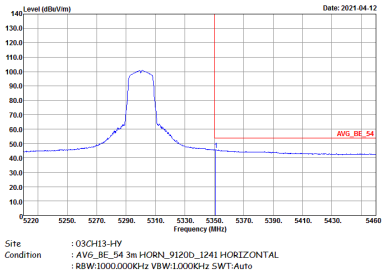
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

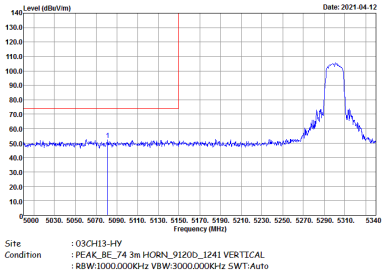
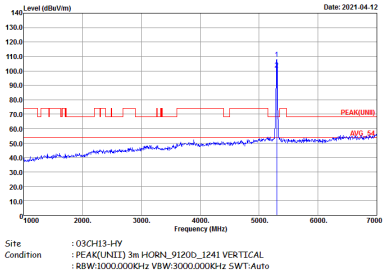
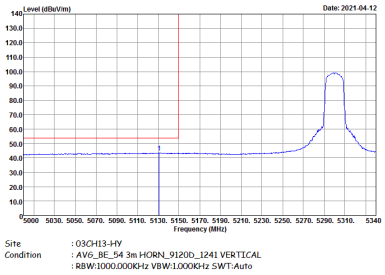
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

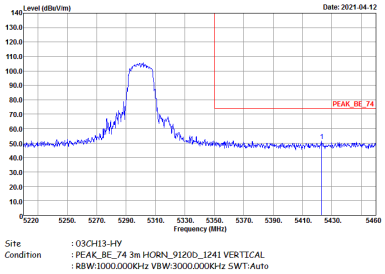
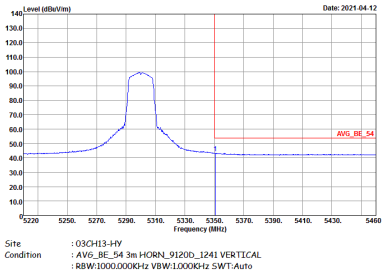
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

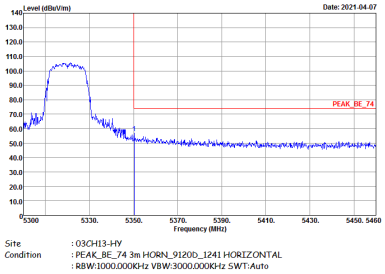
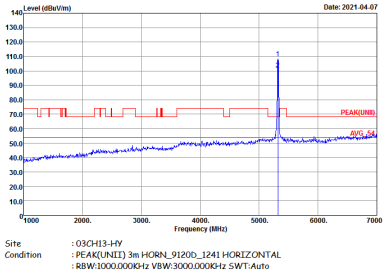
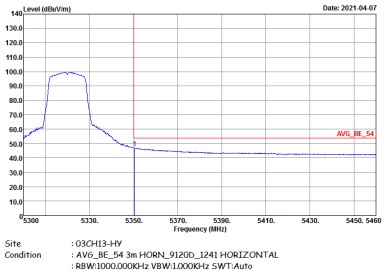
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

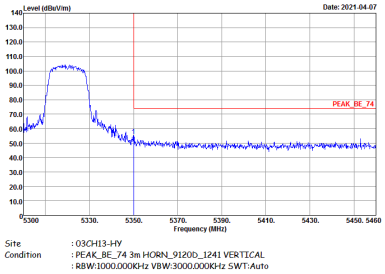
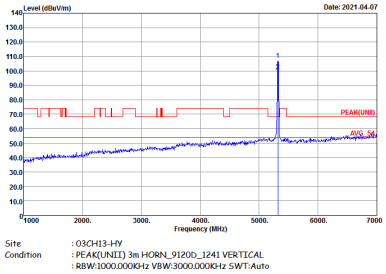
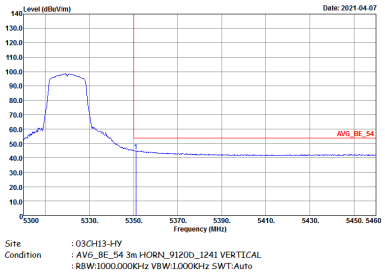
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

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

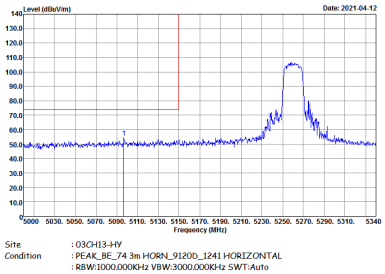
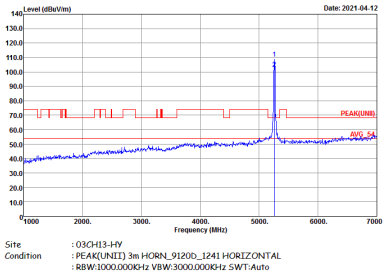
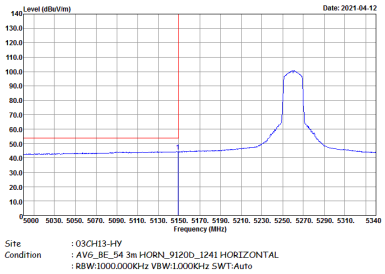
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

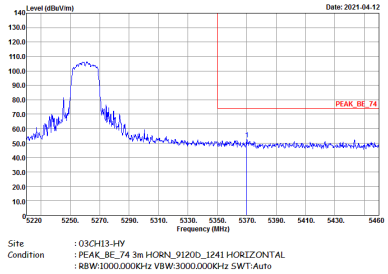
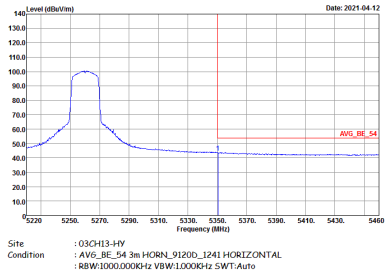
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

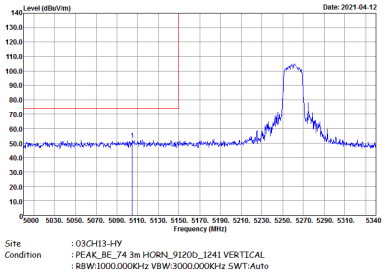
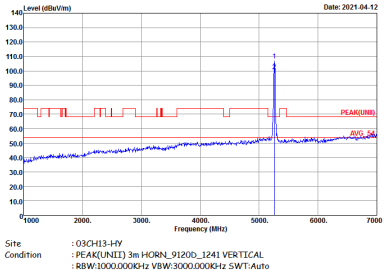
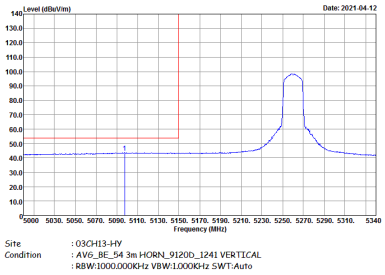
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

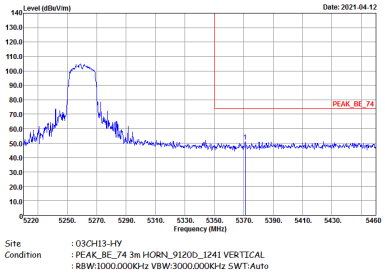
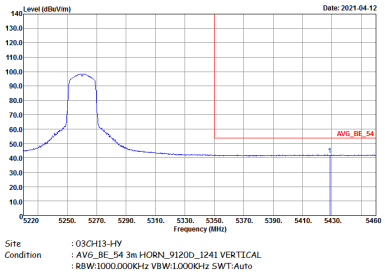
Band 2 5250~5350MHz

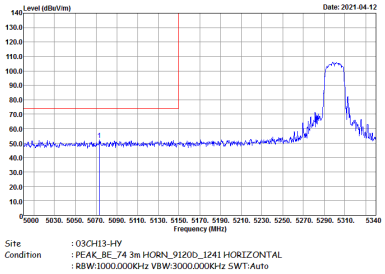
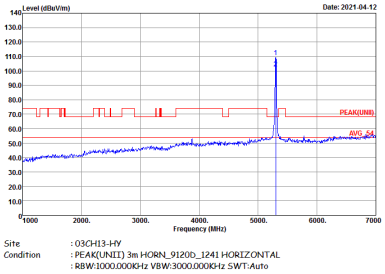
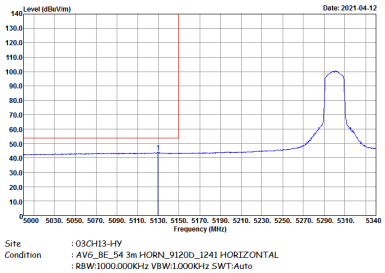
WIFI 802.11n HT20 (Band Edge @ 3m)

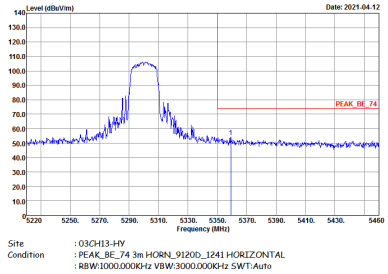
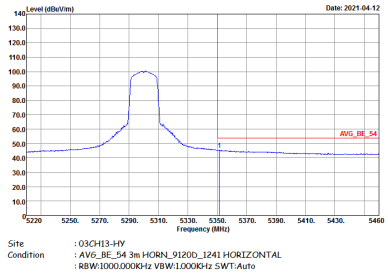
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

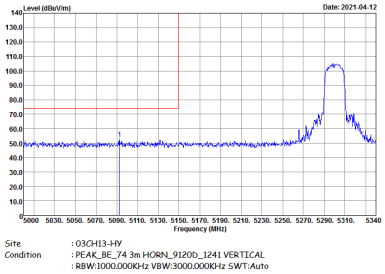
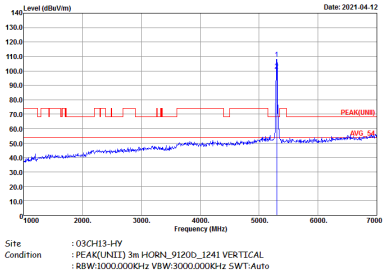
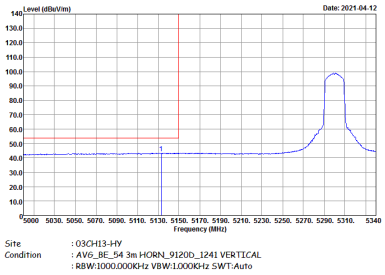
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

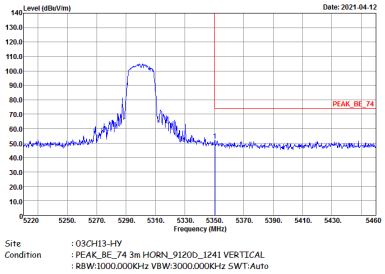
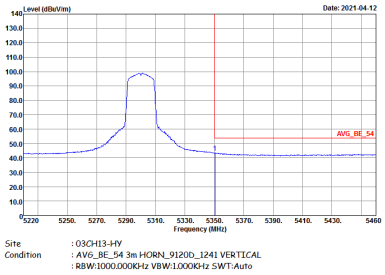
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

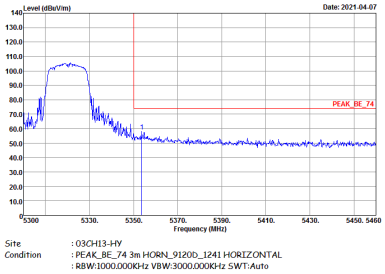
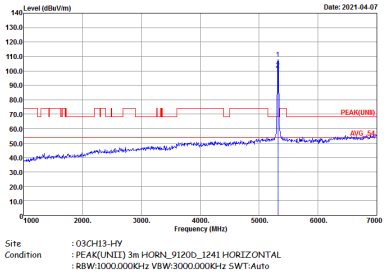
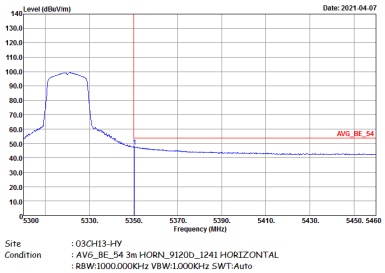
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

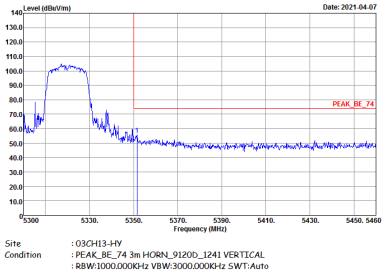
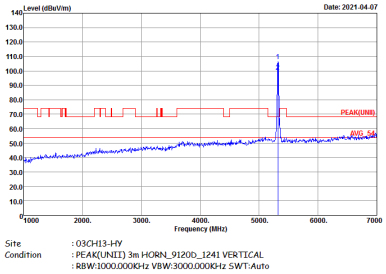
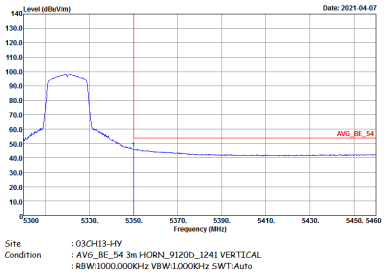
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

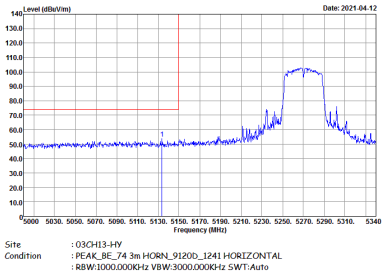
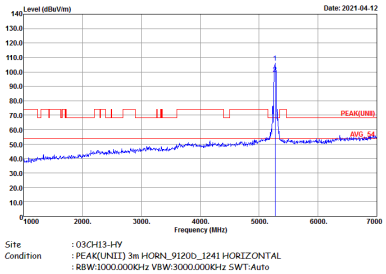
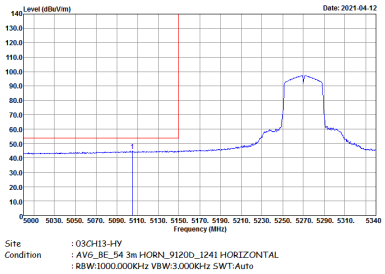
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

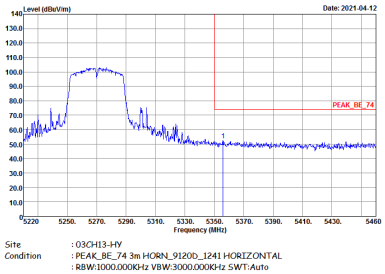
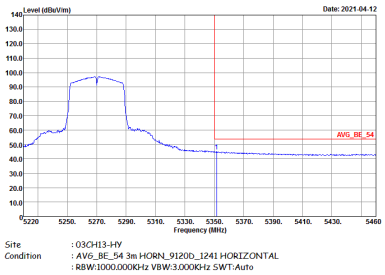
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

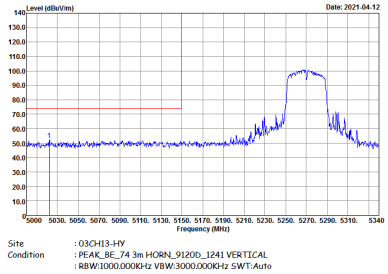
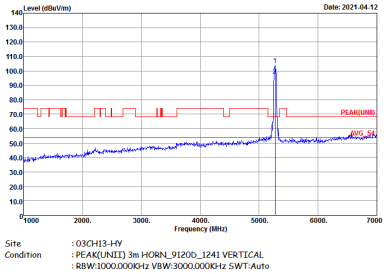
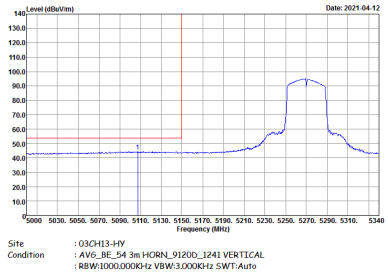
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

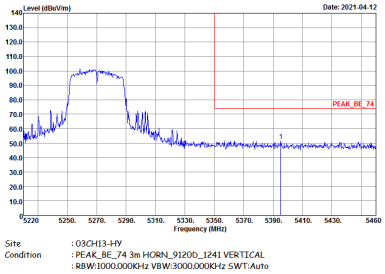
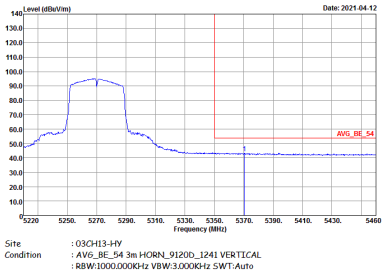
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

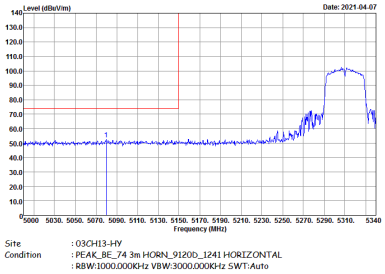
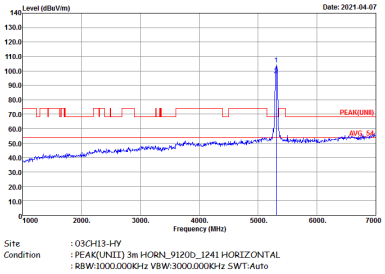
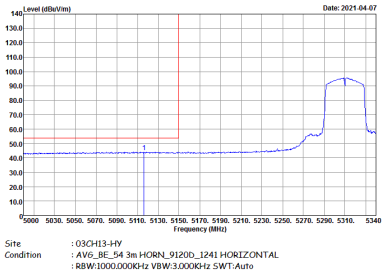
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

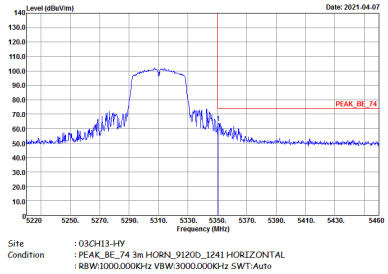
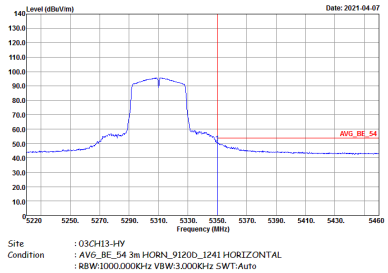
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

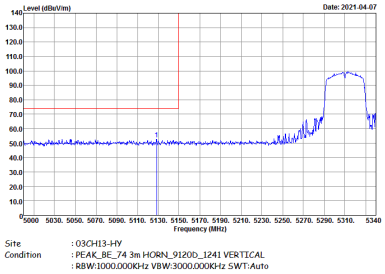
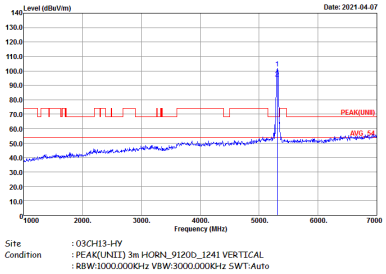
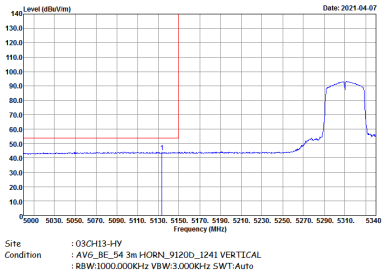
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

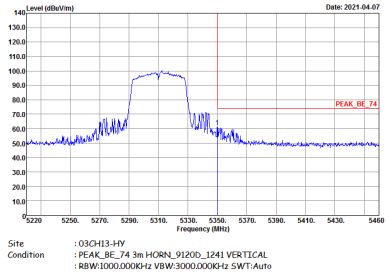
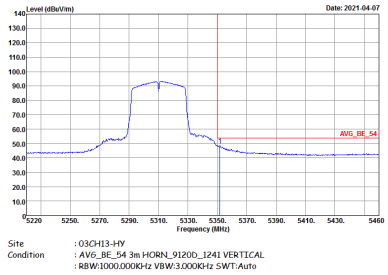
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
2	Vertical	Vertical
Peak		
Avg.		Left blank

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

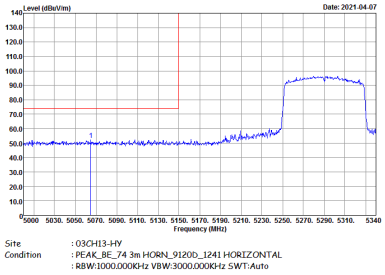
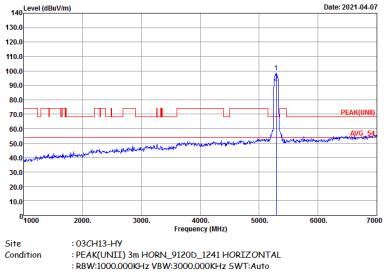
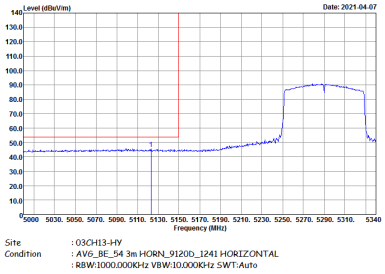
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

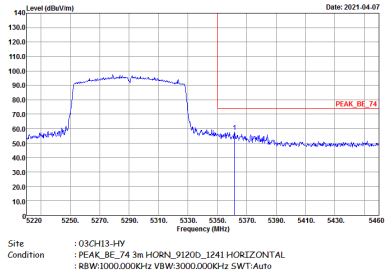
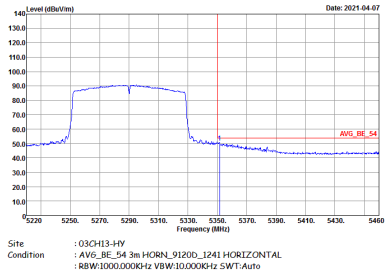
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

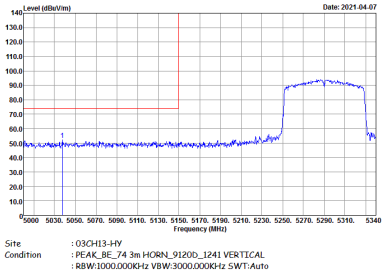
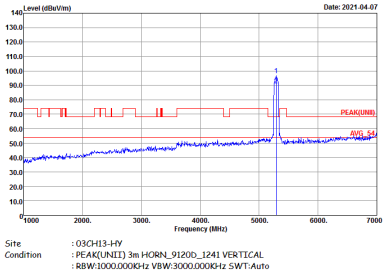
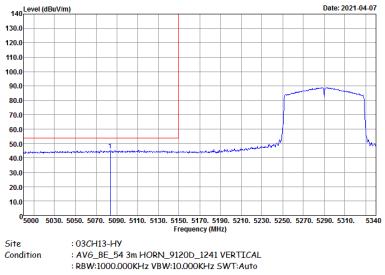
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

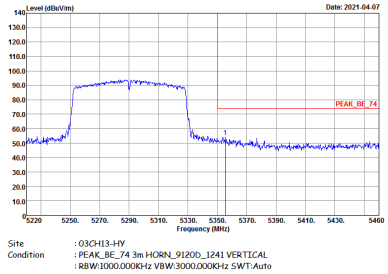
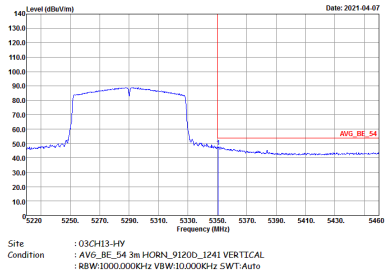
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

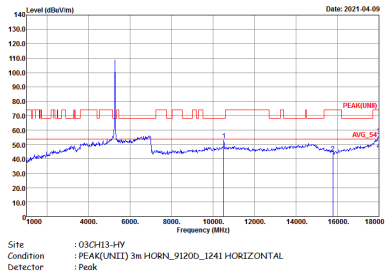
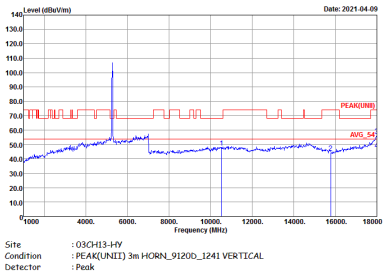
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

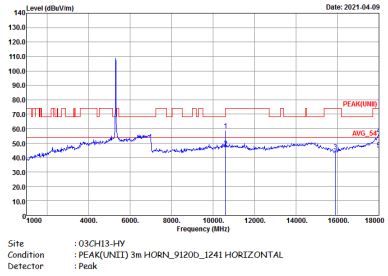
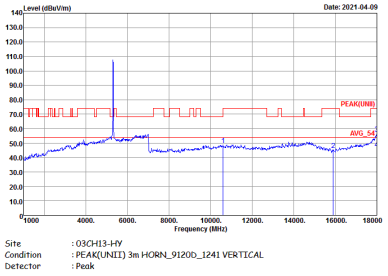
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

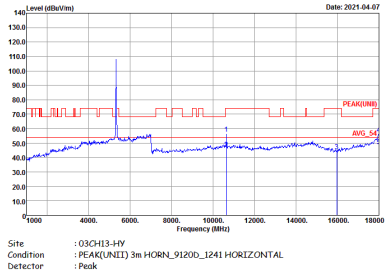
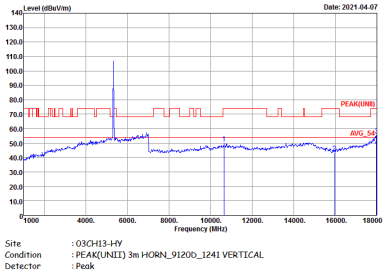
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

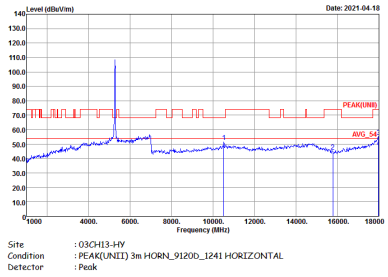
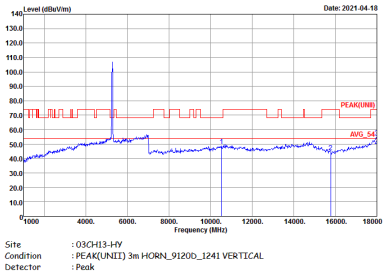
WIFI 802.11a (Harmonic @ 3m)

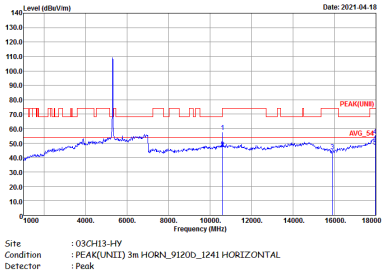
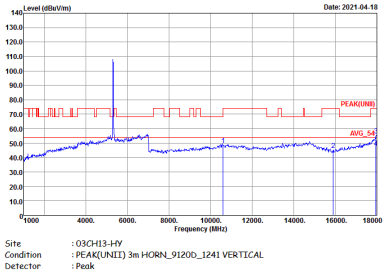
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.		

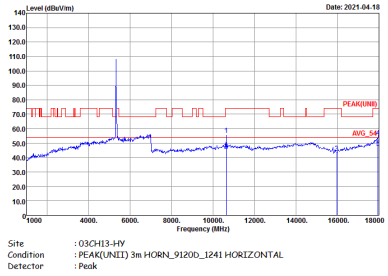
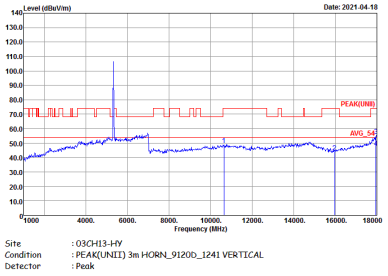
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.		

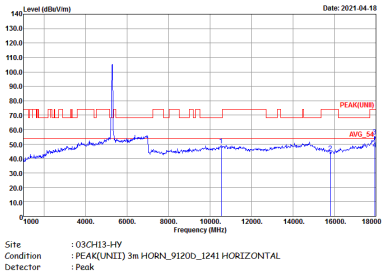
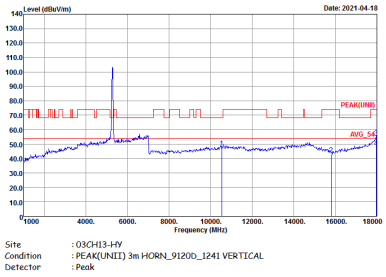
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

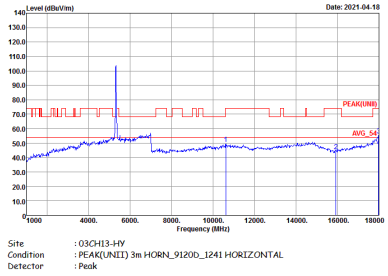
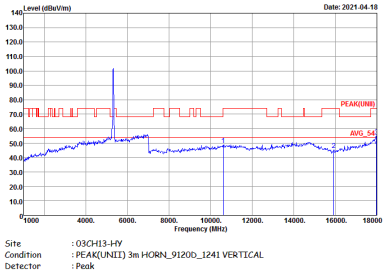
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.		

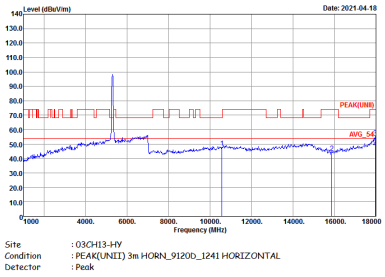
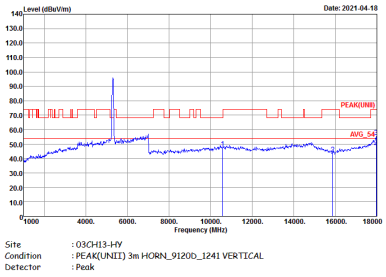
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
2	Horizontal	Vertical
Peak Avg.		

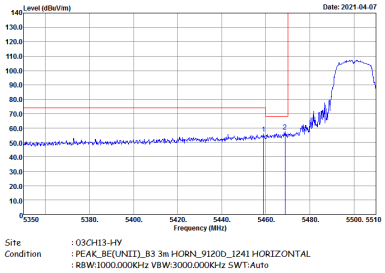
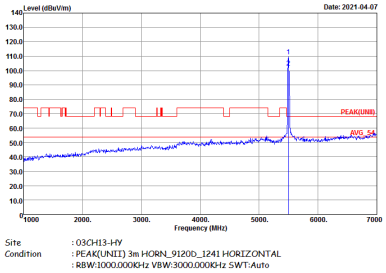
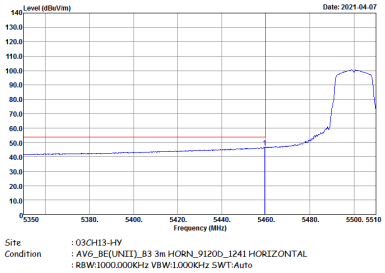
Band 2 5250~5350MHz

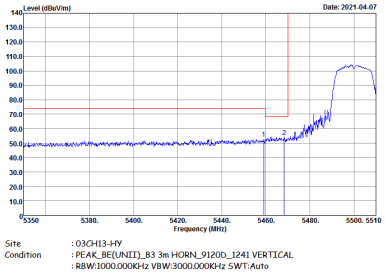
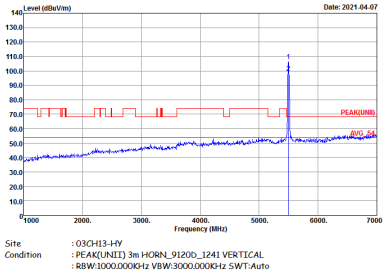
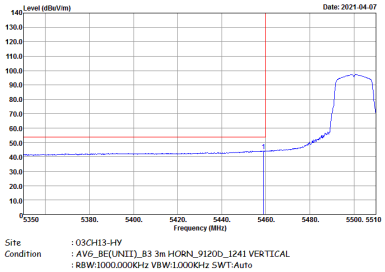
WIFI 802.11ac VHT80 (Harmonic @ 3m)

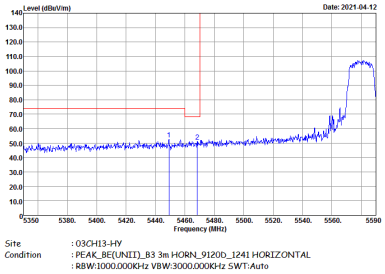
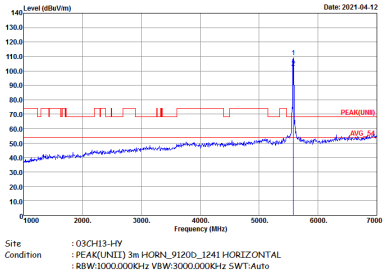
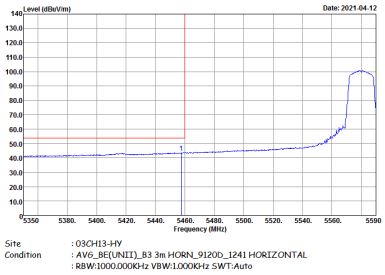
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
2	Horizontal	Vertical
Peak Avg.		

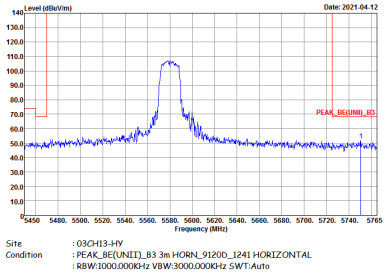
Band 3 - 5470~5725MHz

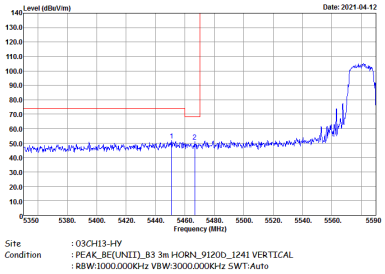
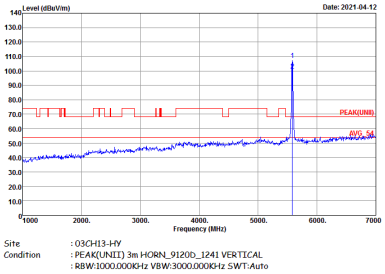
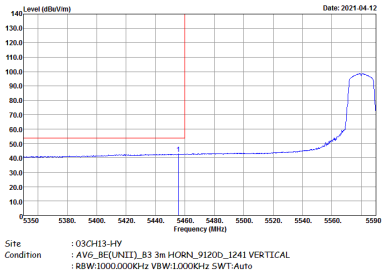
WIFI 802.11a (Band Edge @ 3m)

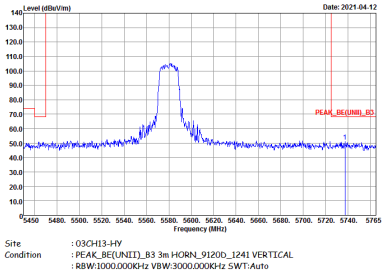
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

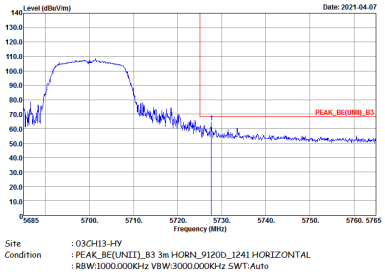
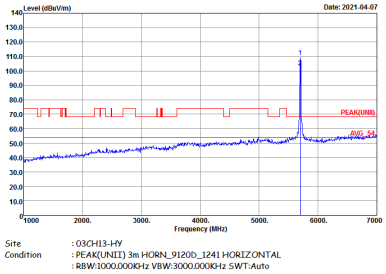
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

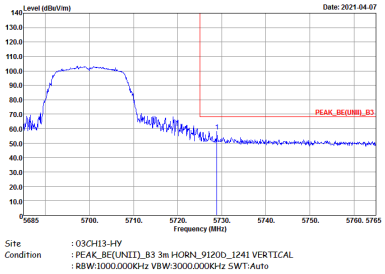
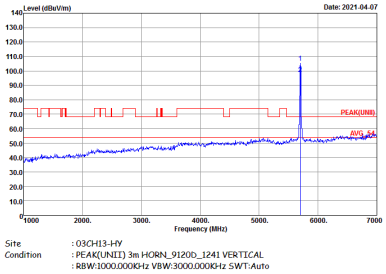
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

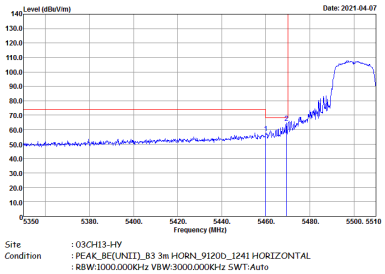
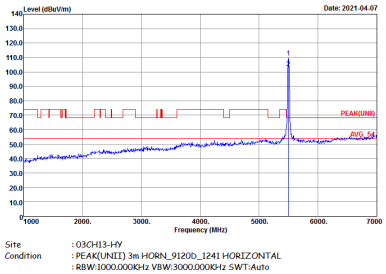
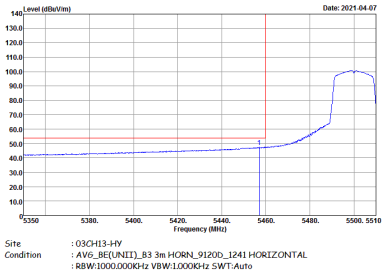
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

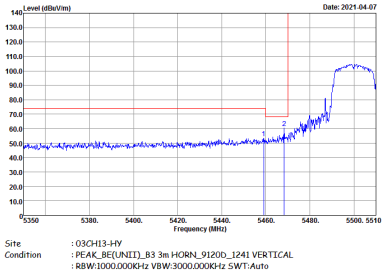
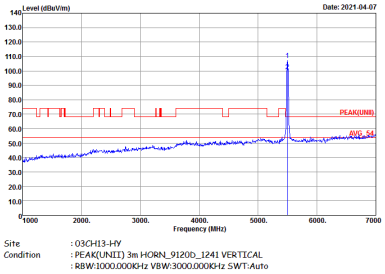
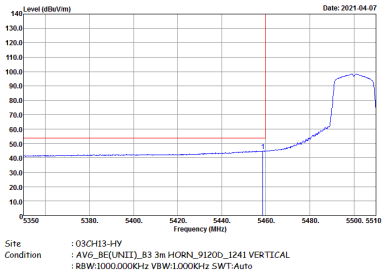
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Vertical	Fundamental
Peak		Left blank

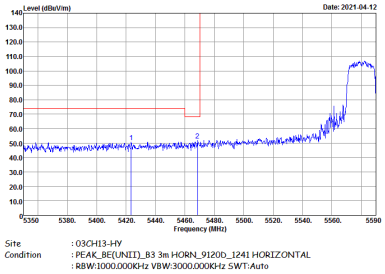
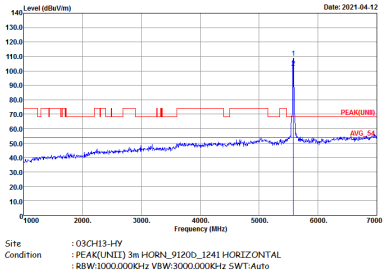
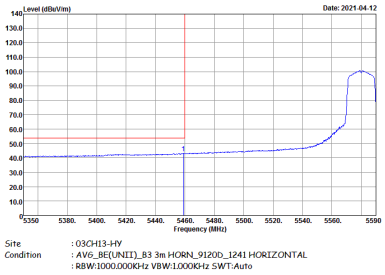
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Fundamental
Peak		

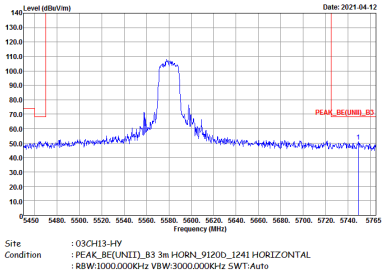
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Vertical	Fundamental
Peak		

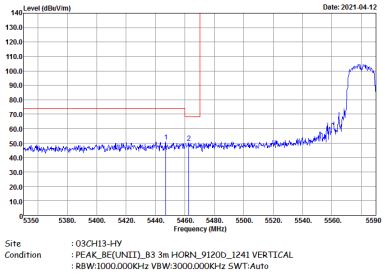
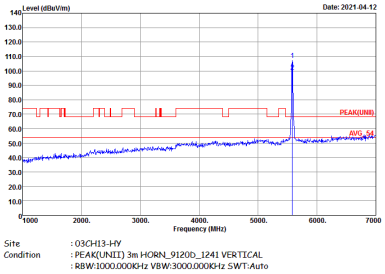
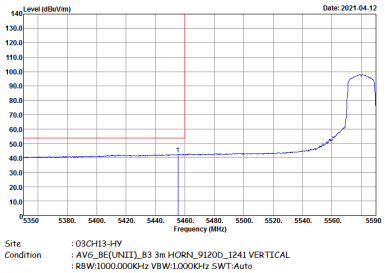
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

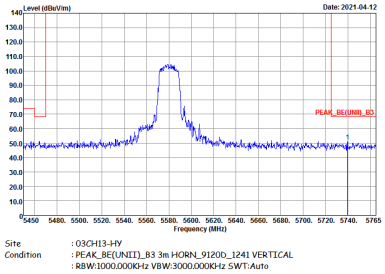
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

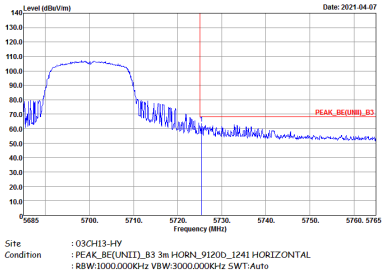
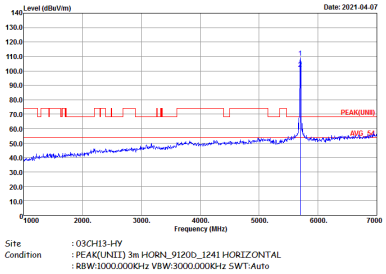
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

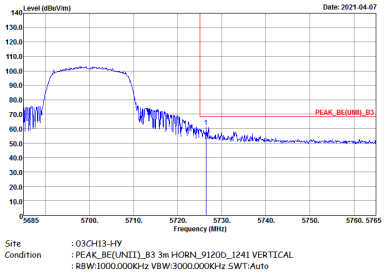
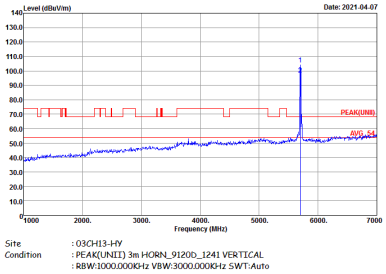
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

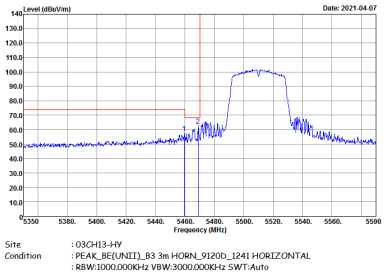
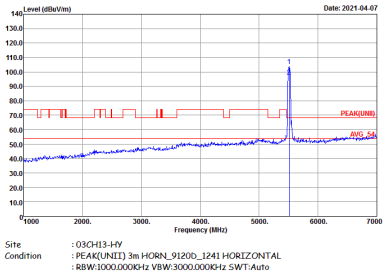
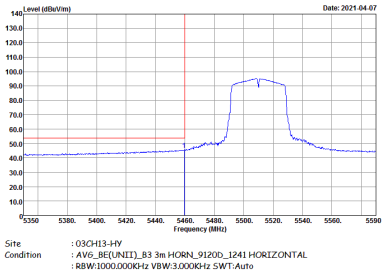
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

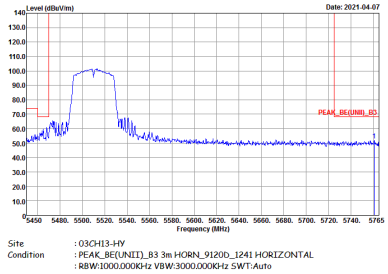
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
2	Vertical	Fundamental
Peak		Left blank

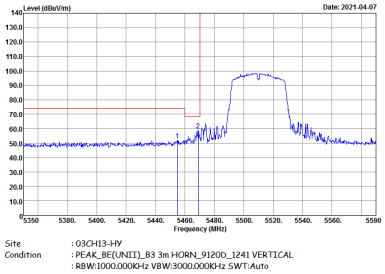
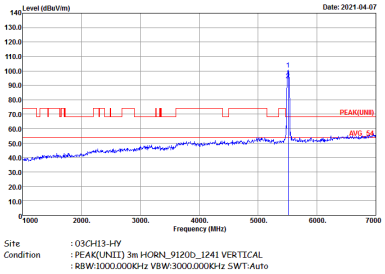
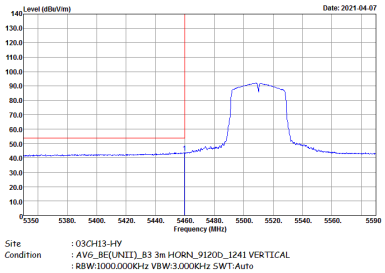
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Horizontal	Fundamental
Peak		

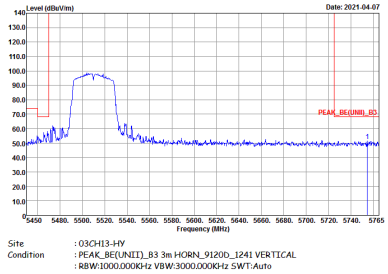
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Vertical	Fundamental
Peak.		

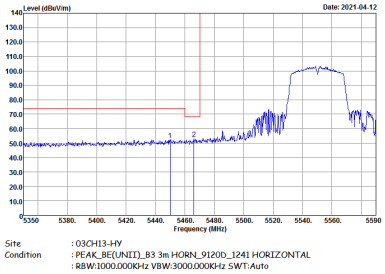
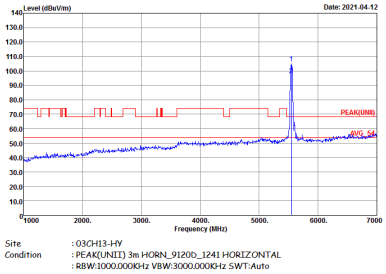
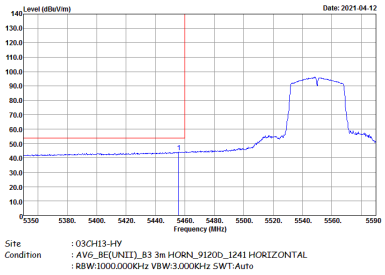
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

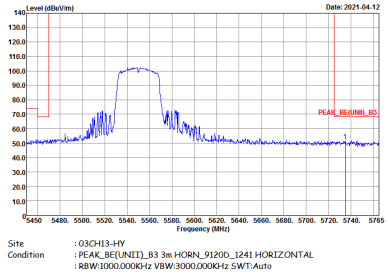
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

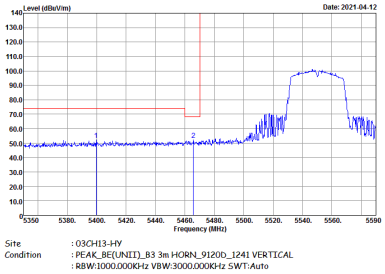
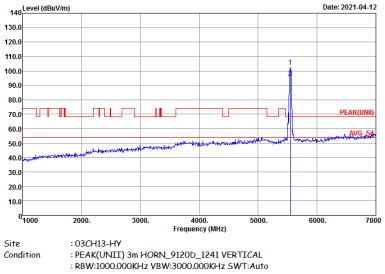
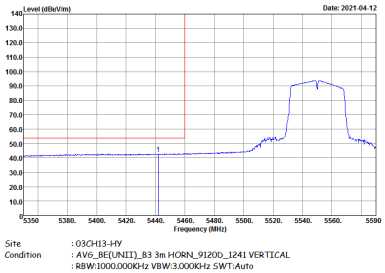
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

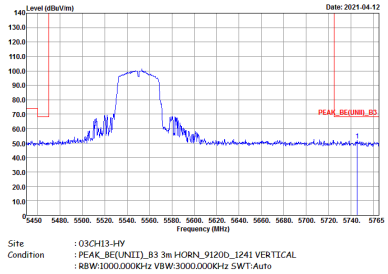
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

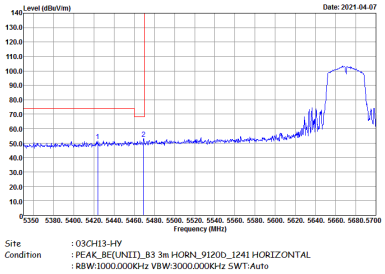
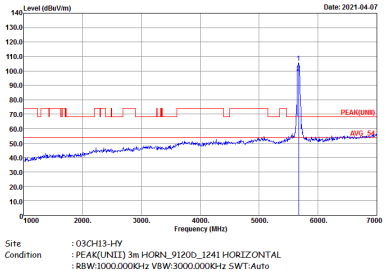
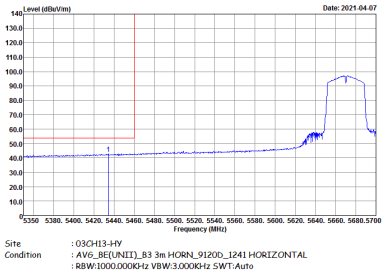
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
2	Vertical	Fundamental
Peak		Left blank

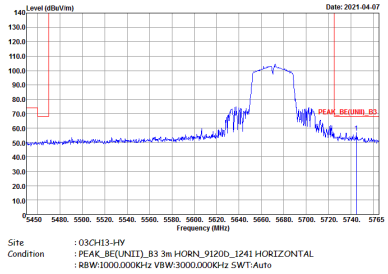
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

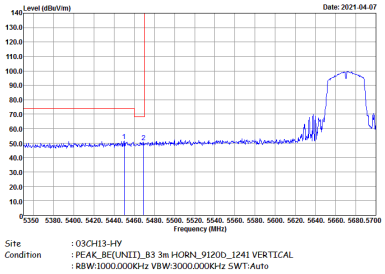
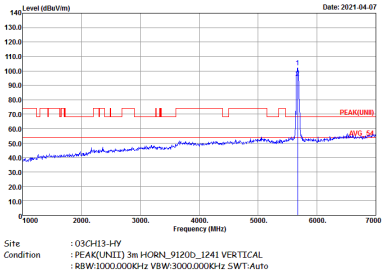
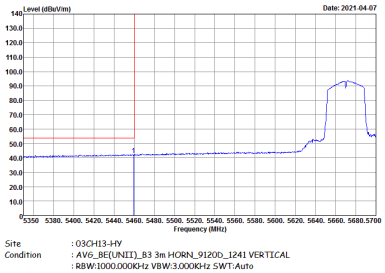
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

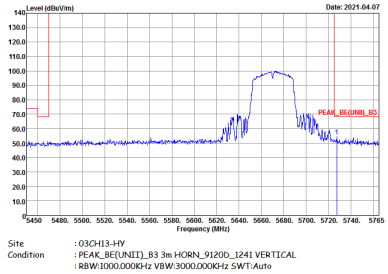
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

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

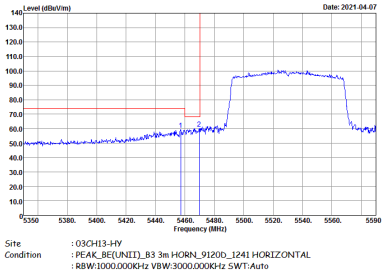
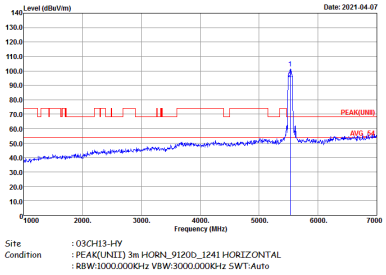
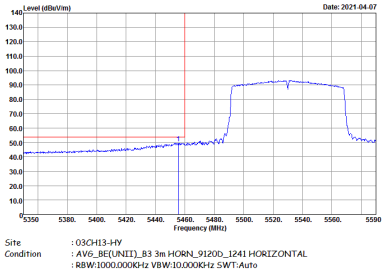
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

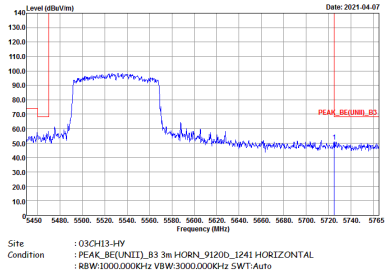
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

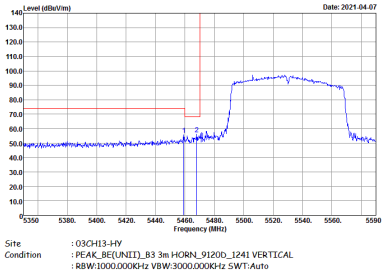
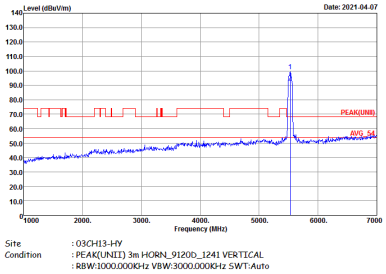
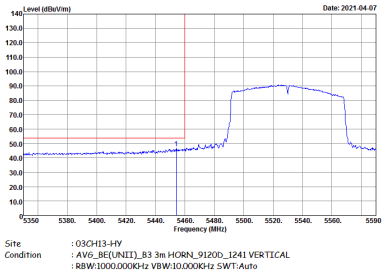
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

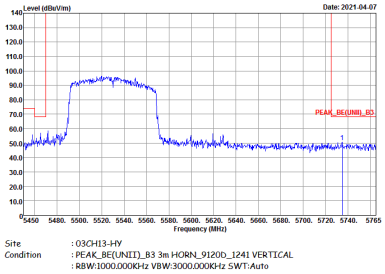
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
2	Vertical	Fundamental
Peak		Left blank

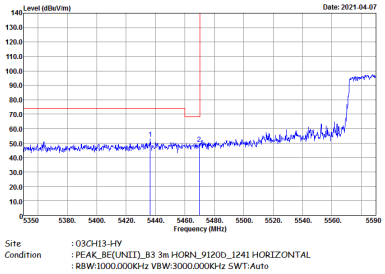
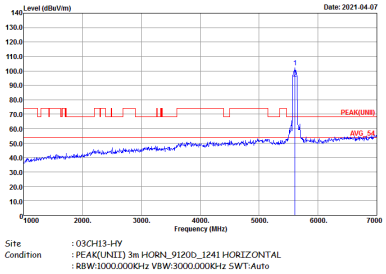
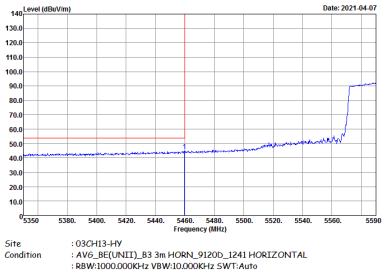
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

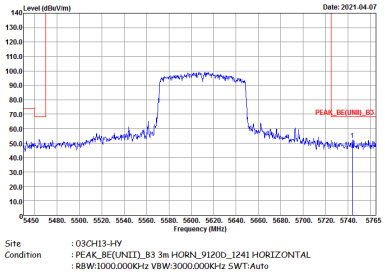
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

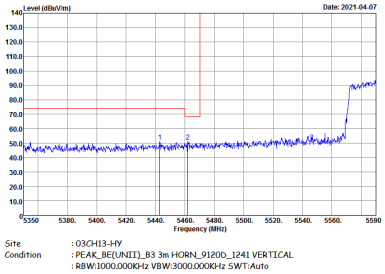
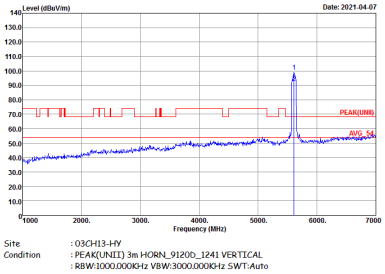
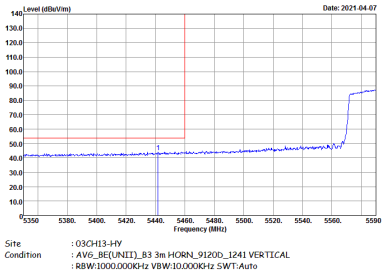
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

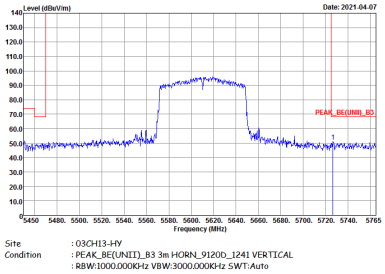
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
2	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

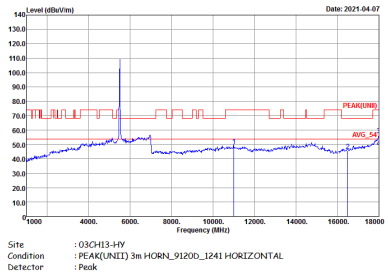
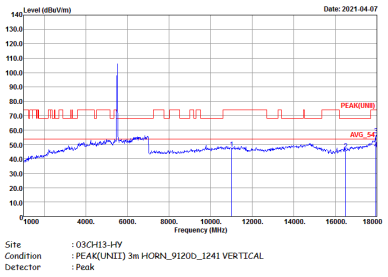
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

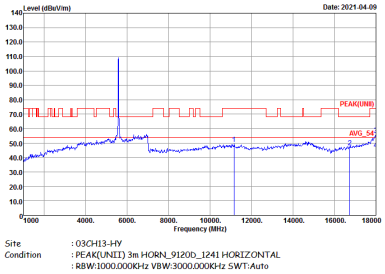
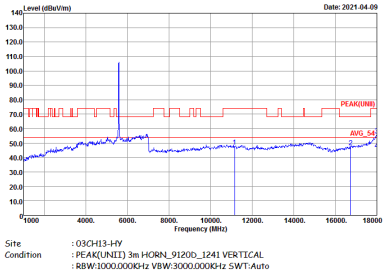
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

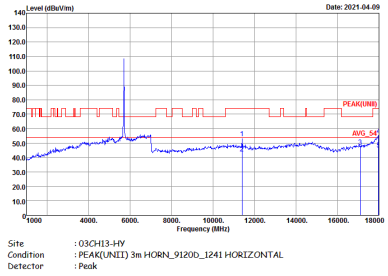
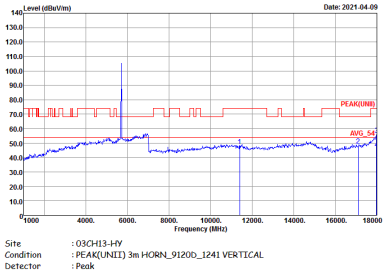
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
2	Vertical	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

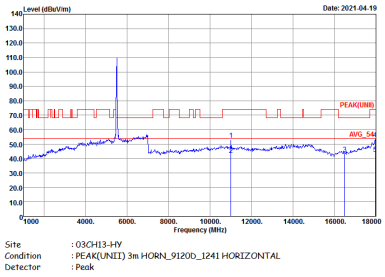
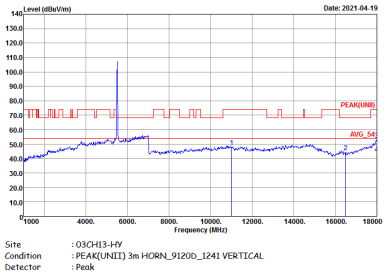
WIFI 802.11a (Harmonic @ 3m)

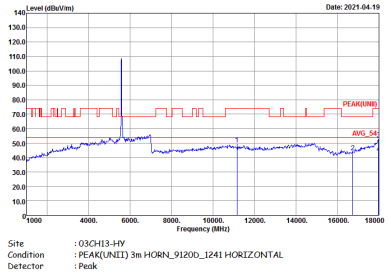
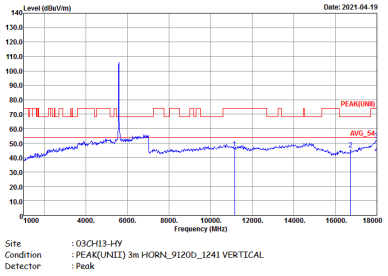
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Vertical
Peak Avg.		

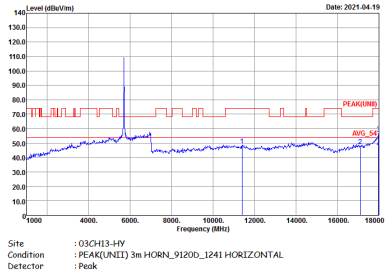
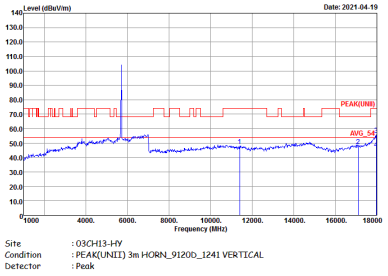
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Vertical
Peak Avg.		

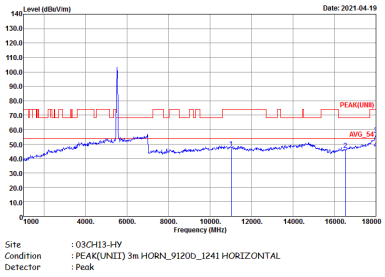
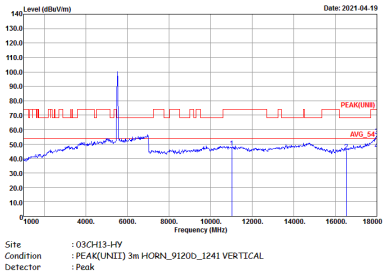
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

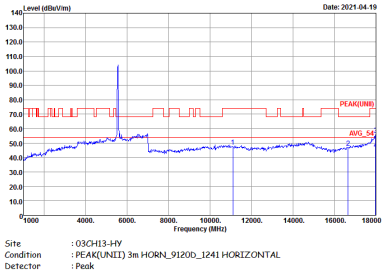
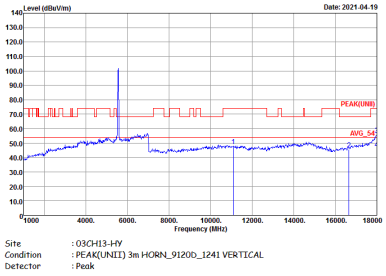
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Horizontal	Vertical
Peak Avg.		

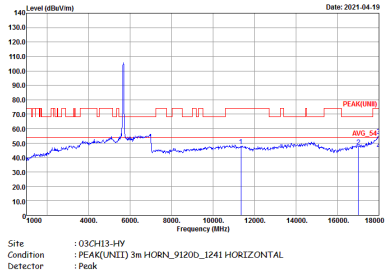
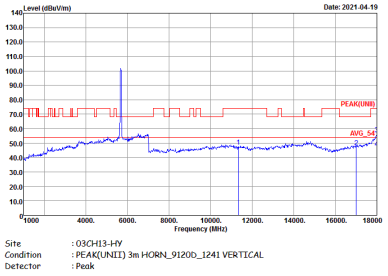
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Horizontal	Vertical
Peak Avg.		

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

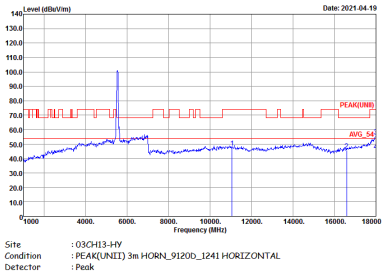
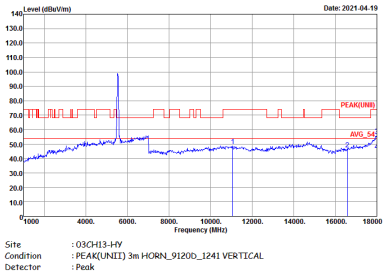
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
2	Horizontal	Vertical
Peak Avg.		

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
2	Horizontal	Vertical
Peak Avg.