



FCC RADIO TEST REPORT

FCC ID : APYHRO00303
Equipment : Smart phone
Brand Name : SHARP
Model Name : APYHRO00303
Applicant : SHARP CORPORATION
1 Takumi-Cho, Sakai-Ku, Sakai-Shi, Osaka 590-8522, Japan
Manufacturer : SHARP CORPORATION
1 Takumi-Cho, Sakai-Ku, Sakai-Shi, Osaka 590-8522, Japan
Standard : FCC Part 15 Subpart E §15.407

The product was received on Sep. 07, 2021 and testing was started from Sep. 20, 2021 and completed on Oct. 08, 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.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	5
1.3 Testing Location	6
1.4 Applicable Standards.....	6
2 Test Configuration of Equipment Under Test	7
2.1 Carrier Frequency and Channel	7
2.2 Test Mode.....	8
2.3 Connection Diagram of Test System.....	9
2.4 Support Unit used in test configuration and system	10
2.5 EUT Operation Test Setup	10
2.6 Measurement Results Explanation Example.....	10
3 Test Result	11
3.1 26dB & 99% Occupied Bandwidth Measurement	11
3.2 Maximum Conducted Output Power Measurement	13
3.3 Power Spectral Density Measurement	15
3.4 Unwanted Emissions Measurement.....	17
3.5 AC Conducted Emission Measurement.....	22
3.6 Antenna Requirements.....	24
4 List of Measuring Equipment.....	25
5 Uncertainty of Evaluation	27
Appendix A. Conducted Test Results	
Appendix B. AC Conducted Emission Test Result	
Appendix C. Radiated Spurious Emission	
Appendix D. Radiated Spurious Emission Plots	
Appendix E. Duty Cycle Plots	
Appendix F. Setup Photographs	



History of this test report

Report No.	Version	Description	Issued Date
FR190730E	01	Initial issue of report	Oct. 28, 2021
FR190730E	02	Revise applicant information	Nov. 01, 2021



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 0.58 dB at 5459.680 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 9.53 dB at 0.497 MHz
3.6	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

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

Comments and Explanations:

The 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: Keven Cheng

Report Producer: Tina Chuang



1 General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac, Wi-Fi 5GHz 802.11a/n/ac, NFC, and GNSS

Product Specification subjective to this standard	
Antenna Type	WWAN <Ant.0>: PIFA Antenna <Ant.1>: PIFA Antenna <Ant.2>: PIFA Antenna WLAN: Loop Antenna Bluetooth: Loop Antenna GPS/Glonass/BDS/Galileo: PIFA Antenna NFC: Loop Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	-0.19
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	-0.19
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	0.49

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

1.2 Modification of EUT

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



1.3 Testing Location

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

1.4 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.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Z plane as worst plane
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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



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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40
2. The above Frequency and Channel in "#n" 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: Bluetooth Link + WLAN (5GHz) Link + Earphone + MPEG4 + USB Cable (Charging from Adapter)

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		

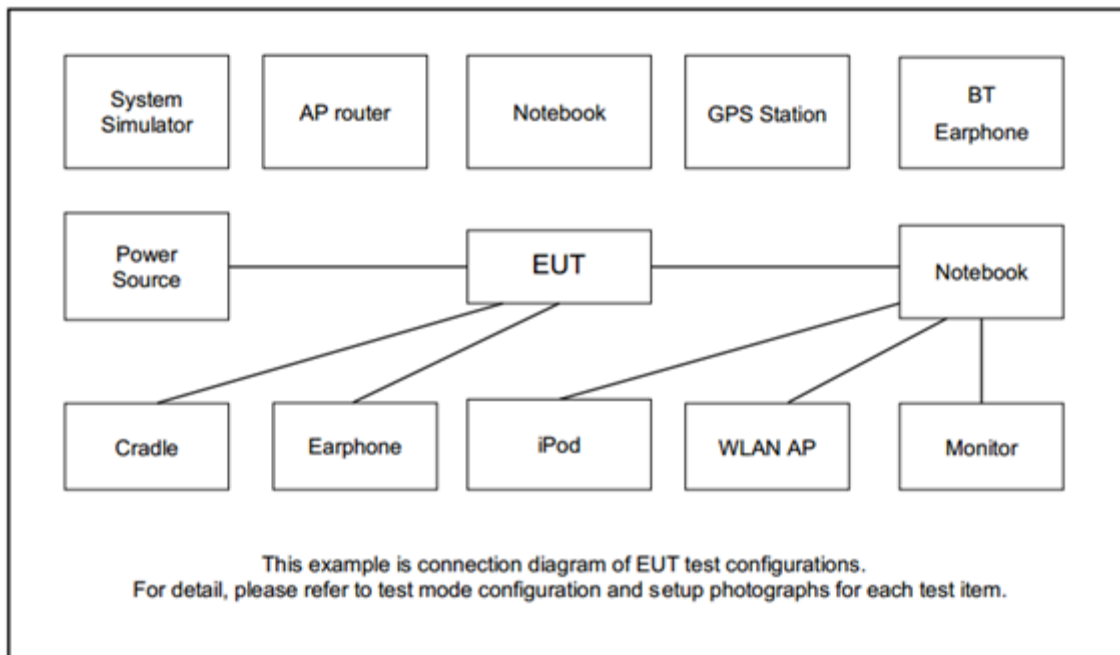
Ch. #	Band I : 5150-5250 MHz			Band II : 5250-5350 MHz			Band III : 5470-5725MHz			
	802.11n HT20			802.11n HT20			802.11n HT20			
L	Low	36			52			100		
M	Middle	44			60			116		
H	High	48			64			140		

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

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	122
H	High	-	-	-

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

2.3 Connection Diagram of Test System





2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Earphone	Nokia	WH-108	FCC DoC	Unshielded, 1.5m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT Ver4.0.00158.0" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

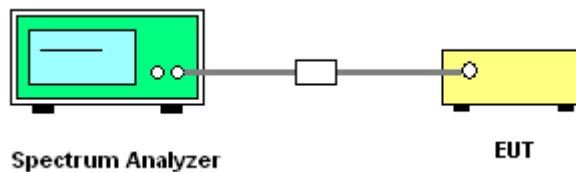
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

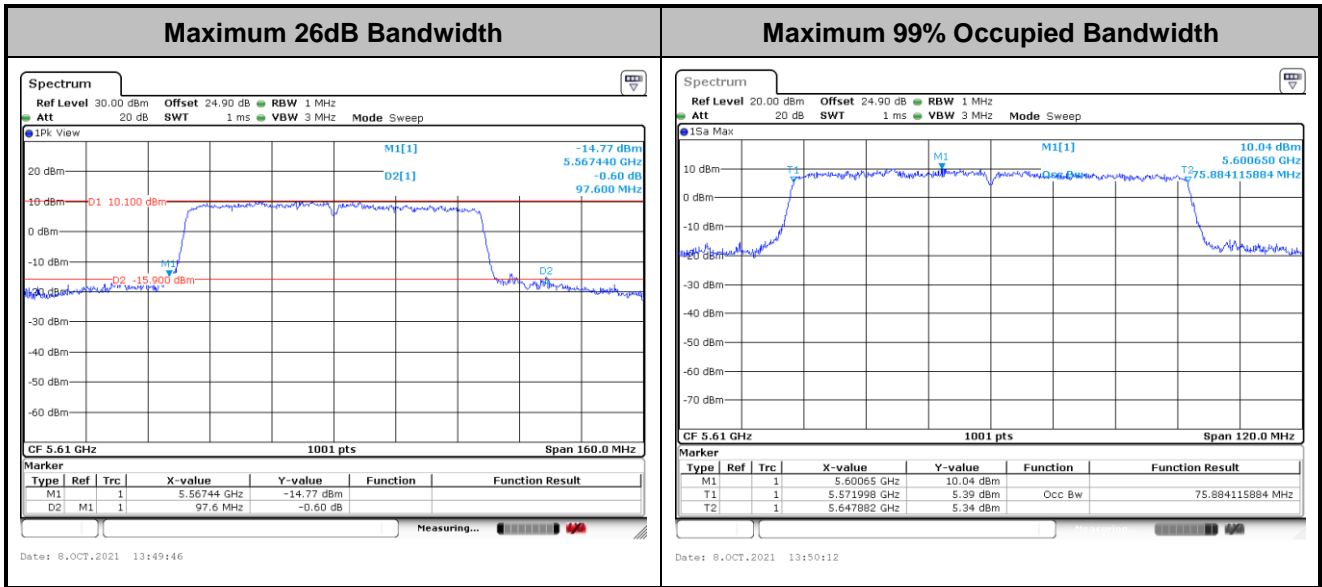
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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.

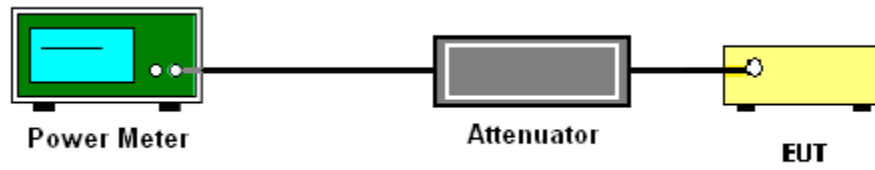
3.2.3 Test Procedures

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.

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.

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.

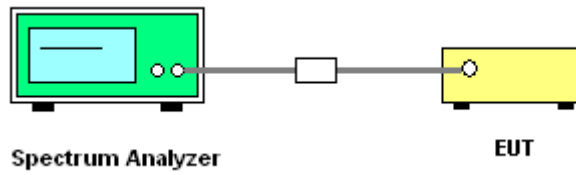
Section F) Maximum power spectral density.

Method SA-3

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

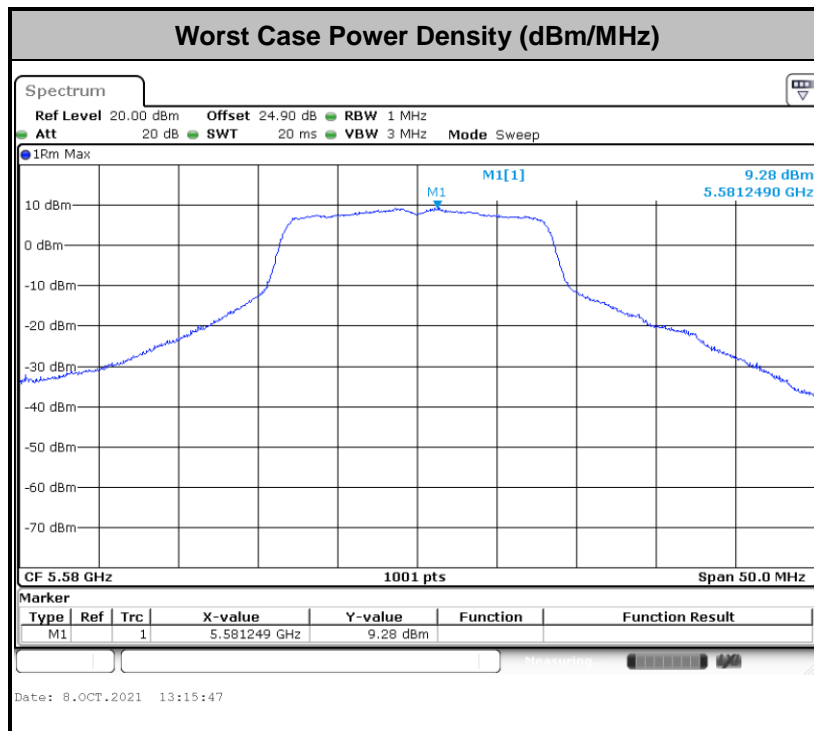
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW ≥ 3 MHz.
 - Number of points in sweep ≥ 2 Span / RBW.
 - Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which 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.





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.

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



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

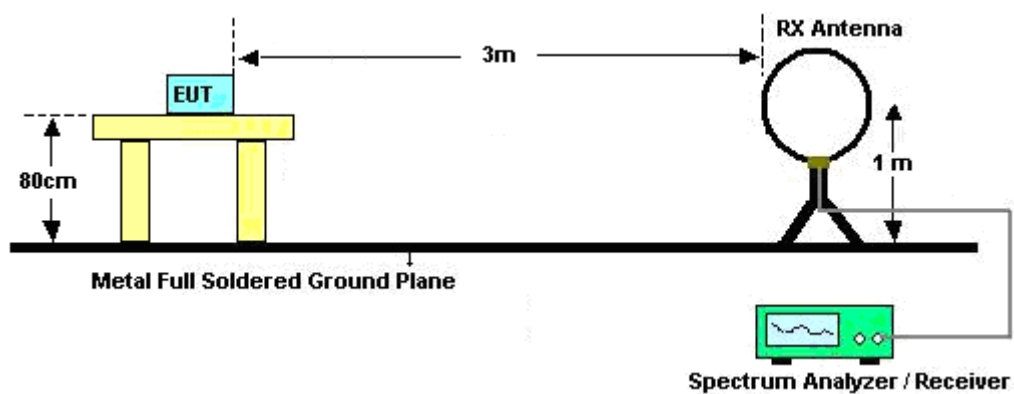
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

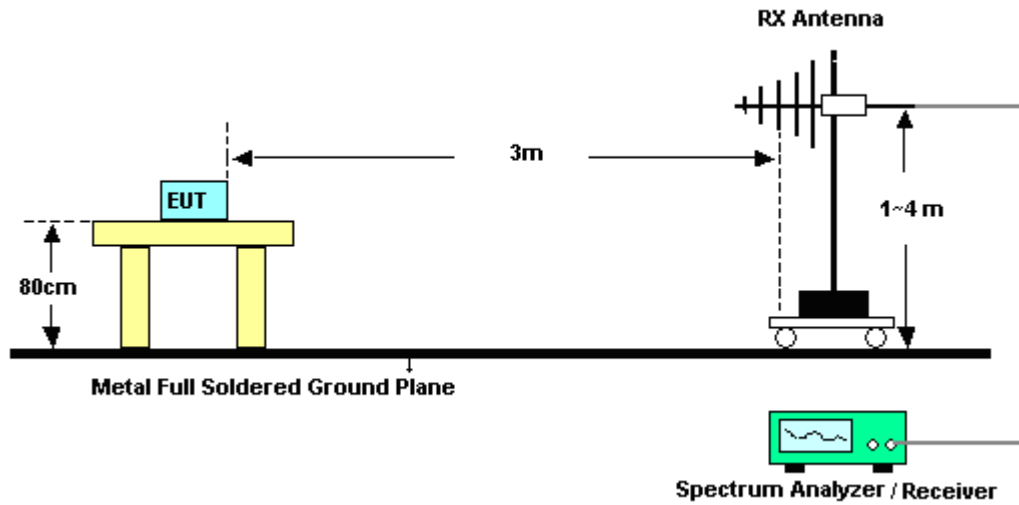
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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. Radiated testing below 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0degree to 360 degree to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6dB margin against QP limit line, the position is marked as “-“.
7. Radiated testing above 1GHz was performed by adjusting the antenna tower from 1m to 4m and by rotating the turn table from 0degree to 360 degree to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6dB margin against average limit line, the position is marked as “-“.

3.4.4 Test Setup

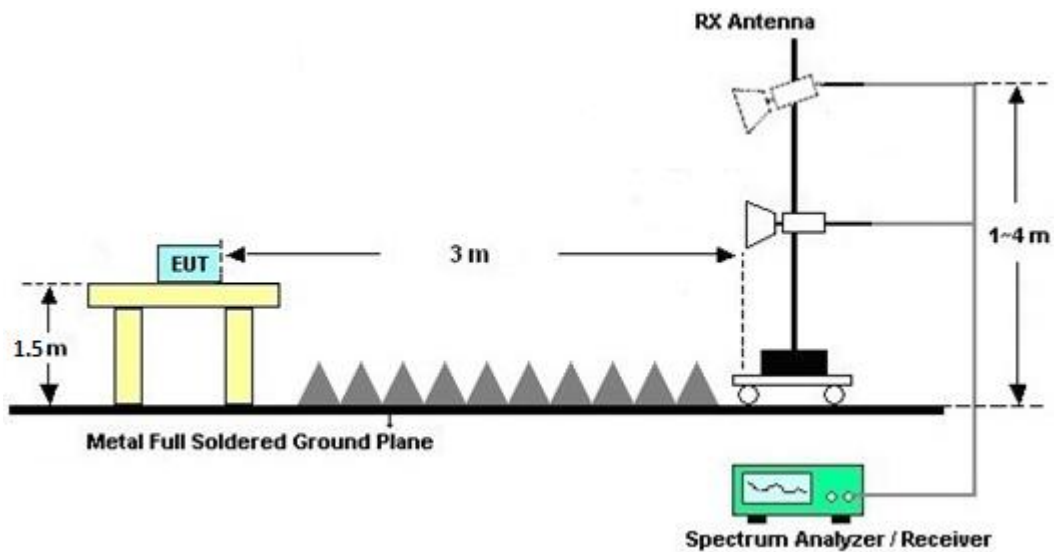
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated test above 1GHz



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

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

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



3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

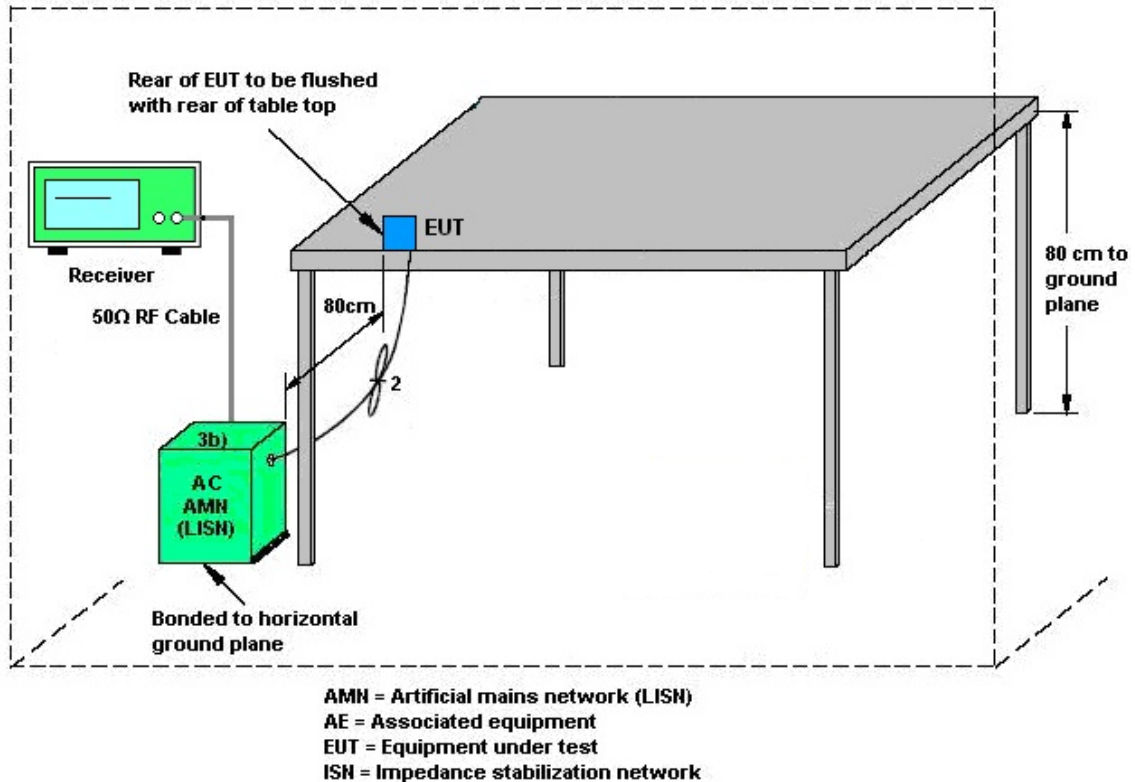
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN 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



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

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	100315	9 kHz~30 MHz	Jan. 04, 2021	Oct. 03, 2021~ Oct. 07, 2021	Jan. 03, 2022	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jul. 13, 2021	Oct. 03, 2021~ Oct. 07, 2021	Jul. 12, 2022	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz ~ 18GHz	Jun. 23, 2021	Oct. 03, 2021~ Oct. 07, 2021	Jun. 22, 2022	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 11, 2020	Oct. 03, 2021~ Oct. 07, 2021	Dec. 10, 2021	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 16, 2020	Oct. 03, 2021~ Oct. 07, 2021	Dec. 15, 2021	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 18, 2021	Oct. 03, 2021~ Oct. 07, 2021	May 17, 2022	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Oct. 28, 2020	Oct. 03, 2021~ Oct. 07, 2021	Oct. 27, 2021	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 11, 2020	Oct. 03, 2021~ Oct. 07, 2021	Dec. 10, 2021	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 18, 2021	Oct. 03, 2021~ Oct. 07, 2021	Mar. 17, 2022	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Oct. 03, 2021~ Oct. 07, 2021	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Oct. 03, 2021~ Oct. 07, 2021	N/A	Radiation (03CH13-HY)
Software	Audix	E3 6.2009-8-24	RK-000992	N/A	N/A	Oct. 03, 2021~ Oct. 07, 2021	N/A	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Feb. 10, 2021	Oct. 03, 2021~ Oct. 07, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30M-18G	Feb. 10, 2021	Oct. 03, 2021~ Oct. 07, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Feb. 22, 2021	Oct. 03, 2021~ Oct. 07, 2021	Feb. 21, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz~40GHz	Mar. 11, 2021	Oct. 03, 2021~ Oct. 07, 2021	Mar. 10, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30M-18G	Feb. 10, 2021	Oct. 03, 2021~ Oct. 07, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Oct. 03, 2021~ Oct. 07, 2021	Mar. 10, 2022	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 14, 2021	Oct. 03, 2021~ Oct. 07, 2021	Sep. 13, 2022	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN5	6.75GHz High Pass Filter	Mar. 11, 2021	Oct. 03, 2021~ Oct. 07, 2021	Mar. 10, 2022	Radiation (03CH13-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 01, 2021	Sep. 20, 2021~ Oct. 08,2021	Feb. 28, 2022	Conducted (TH02-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12	10MHz~6GHz	Dec. 16, 2020	Sep. 20, 2021~ Oct. 08,2021	Dec. 15, 2021	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101565	10Hz ~ 40GHz	Nov. 13, 2020	Sep. 20, 2021~ Oct. 08,2021	Nov. 12, 2021	Conducted (TH02-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Sep. 20, 2021~ Oct. 08,2021	Mar. 16, 2022	Conducted (TH02-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Sep. 27, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Sep. 27, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Sep. 27, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	Sep. 27, 2021	Nov. 30, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 27, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Sep. 27, 2021	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Sep. 27, 2021	Dec. 30, 2021	Conduction (CO05-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 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.9 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Jacob Yu	Temperature:	22.9~24.9	°C
Test Date:	2021/9/20-2021/10/8	Relative Humidity:	50.4~52.4	%

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 4	-	Ant 4	-	Ant 4	-	Ant 4	-	
11a	6Mbps	1	36	5180	17.63	-	25.54	-	-	-	22.46	-	
11a	6Mbps	1	44	5220	17.68	-	25.82	-	-	-	22.48	-	
11a	6Mbps	1	48	5240	17.73	-	25.80	-	-	-	22.49	-	
HT20	MCS0	1	36	5180	18.88	-	26.90	-	-	-	22.76	-	
HT20	MCS0	1	44	5220	18.93	-	27.10	-	-	-	22.77	-	
HT20	MCS0	1	48	5240	18.93	-	26.65	-	-	-	22.77	-	
HT40	MCS0	1	38	5190	36.66	-	41.94	-	-	-	23.01	-	
HT40	MCS0	1	46	5230	36.66	-	42.12	-	-	-	23.01	-	
VHT80	MCS0	1	42	5210	75.54	-	83.52	-	-	-	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 4	-	SUM	Ant 4	-	Ant 4	-	
11a	6Mbps	1	36	5180	18.80	-		24.00	-	-0.19	-	Pass
11a	6Mbps	1	44	5220	18.70	-		24.00	-	-0.19	-	Pass
11a	6Mbps	1	48	5240	18.90	-		24.00	-	-0.19	-	Pass
HT20	MCS0	1	36	5180	18.70	-		24.00	-	-0.19	-	Pass
HT20	MCS0	1	44	5220	18.90	-		24.00	-	-0.19	-	Pass
HT20	MCS0	1	48	5240	18.70	-		24.00	-	-0.19	-	Pass
HT40	MCS0	1	38	5190	15.40	-		24.00	-	-0.19	-	Pass
HT40	MCS0	1	46	5230	18.70	-		24.00	-	-0.19	-	Pass
VHT20	MCS0	1	36	5180	18.60	-		24.00	-	-0.19	-	Pass
VHT20	MCS0	1	44	5220	18.80	-		24.00	-	-0.19	-	Pass
VHT20	MCS0	1	48	5240	18.60	-		24.00	-	-0.19	-	Pass
VHT40	MCS0	1	38	5190	15.30	-		24.00	-	-0.19	-	Pass
VHT40	MCS0	1	46	5230	18.60	-		24.00	-	-0.19	-	Pass
VHT80	MCS0	1	42	5210	15.90	-		24.00	-	-0.19	-	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 4	-	SUM	Ant 4	-	Ant 4	-	
11a	6Mbps	1	36	5180	8.95	-		11.00	-	-0.19	-	Pass
11a	6Mbps	1	44	5220	8.83	-		11.00	-	-0.19	-	Pass
11a	6Mbps	1	48	5240	8.92	-		11.00	-	-0.19	-	Pass
HT20	MCS0	1	36	5180	8.73	-		11.00	-	-0.19	-	Pass
HT20	MCS0	1	44	5220	8.96	-		11.00	-	-0.19	-	Pass
HT20	MCS0	1	48	5240	8.79	-		11.00	-	-0.19	-	Pass
HT40	MCS0	1	38	5190	2.11	-		11.00	-	-0.19	-	Pass
HT40	MCS0	1	46	5230	5.32	-		11.00	-	-0.19	-	Pass
VHT80	MCS0	1	42	5210	0.43	-		11.00	-	-0.19	-	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 4	-	Ant 4	-	Ant 4	-	Ant 4	-	Ant 4	-	
11a	6Mbps	1	52	5260	17.78	-	27.60	-	23.50	-	29.50	-	23.98	-	
11a	6Mbps	1	60	5300	17.73	-	26.15	-	23.49	-	29.49	-	23.98	-	
11a	6Mbps	1	64	5320	17.73	-	26.35	-	23.49	-	29.49	-	23.98	-	
HT20	MCS0	1	52	5260	18.93	-	27.20	-	23.77	-	29.77	-	23.98	-	
HT20	MCS0	1	60	5300	18.93	-	27.35	-	23.77	-	29.77	-	23.98	-	
HT20	MCS0	1	64	5320	18.83	-	26.65	-	23.75	-	29.75	-	23.98	-	
HT40	MCS0	1	54	5270	36.66	-	45.63	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.66	-	41.76	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.64	-	84.32	-	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 4	-	SUM	Ant 4	-	Ant 4	-		
11a	6Mbps	1	52	5260	19.00	-		23.98	-	-0.19	-	30	Pass
11a	6Mbps	1	60	5300	19.00	-		23.98	-	-0.19	-	30	Pass
11a	6Mbps	1	64	5320	18.90	-		23.98	-	-0.19	-	30	Pass
HT20	MCS0	1	52	5260	18.80	-		23.98	-	-0.19	-	30	Pass
HT20	MCS0	1	60	5300	18.80	-		23.98	-	-0.19	-	30	Pass
HT20	MCS0	1	64	5320	18.70	-		23.98	-	-0.19	-	30	Pass
HT40	MCS0	1	54	5270	18.70	-		23.98	-	-0.19	-	30	Pass
HT40	MCS0	1	62	5310	13.70	-		23.98	-	-0.19	-	30	Pass
VHT20	MCS0	1	52	5260	18.70	-		23.98	-	-0.19	-	30	Pass
VHT20	MCS0	1	60	5300	18.70	-		23.98	-	-0.19	-	30	Pass
VHT20	MCS0	1	64	5320	18.60	-		23.98	-	-0.19	-	30	Pass
VHT40	MCS0	1	54	5270	18.60	-		23.98	-	-0.19	-	30	Pass
VHT40	MCS0	1	62	5310	13.60	-		23.98	-	-0.19	-	30	Pass
VHT80	MCS0	1	58	5290	13.60	-		23.98	-	-0.19	-	30	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 4	-	SUM	Ant 4	-	Ant 4	-	
11a	6Mbps	1	52	5260	9.22	-		11.00	-	-0.19	-	Pass
11a	6Mbps	1	60	5300	9.01	-		11.00	-	-0.19	-	Pass
11a	6Mbps	1	64	5320	9.13	-		11.00	-	-0.19	-	Pass
HT20	MCS0	1	52	5260	8.90	-		11.00	-	-0.19	-	Pass
HT20	MCS0	1	60	5300	9.04	-		11.00	-	-0.19	-	Pass
HT20	MCS0	1	64	5320	8.76	-		11.00	-	-0.19	-	Pass
HT40	MCS0	1	54	5270	5.39	-		11.00	-	-0.19	-	Pass
HT40	MCS0	1	62	5310	0.43	-		11.00	-	-0.19	-	Pass
VHT80	MCS0	1	58	5290	-1.55	-		11.00	-	-0.19	-	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 4	-	Ant 4	-	Ant 4	-	Ant 4	-	Ant 4	-	Ant 4	-
11a	6Mbps	1	100	5500	17.68	-	25.45	-	23.48	-	29.48	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.73	-	26.75	-	23.49	-	29.49	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.78	-	26.05	-	23.50	-	29.50	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.83	-	27.05	-	23.75	-	29.75	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.93	-	27.55	-	23.77	-	29.77	-	23.98	-	----	----
HT20	MCS0	1	140	5700	19.08	-	28.85	-	23.81	-	29.81	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.56	-	41.49	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	36.76	-	41.76	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	36.76	-	42.21	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	75.76	-	84.32	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	75.88	-	97.60	-	23.98	-	30.00	-	23.98	-	----	----

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 4	-	SUM	Ant 4	-	Ant 4	-		
11a	6Mbps	1	100	5500	18.90	-		23.98	-	0.49	-	30	Pass
11a	6Mbps	1	116	5580	19.00	-		23.98	-	0.49	-	30	Pass
11a	6Mbps	1	140	5700	18.80	-		23.98	-	0.49	-	30	Pass
HT20	MCS0	1	100	5500	18.70	-		23.98	-	0.49	-	30	Pass
HT20	MCS0	1	116	5580	18.90	-		23.98	-	0.49	-	30	Pass
HT20	MCS0	1	140	5700	19.00	-		23.98	-	0.49	-	30	Pass
HT40	MCS0	1	102	5510	17.50	-		23.98	-	0.49	-	30	Pass
HT40	MCS0	1	110	5550	18.80	-		23.98	-	0.49	-	30	Pass
HT40	MCS0	1	134	5670	18.90	-		23.98	-	0.49	-	30	Pass
VHT20	MCS0	1	100	5500	18.60	-		23.98	-	0.49	-	30	Pass
VHT20	MCS0	1	116	5580	18.80	-		23.98	-	0.49	-	30	Pass
VHT20	MCS0	1	140	5700	18.90	-		23.98	-	0.49	-	30	Pass
VHT40	MCS0	1	102	5510	17.40	-		23.98	-	0.49	-	30	Pass
VHT40	MCS0	1	110	5550	18.70	-		23.98	-	0.49	-	30	Pass
VHT40	MCS0	1	134	5670	18.80	-		23.98	-	0.49	-	30	Pass
VHT80	MCS0	1	106	5530	15.10	-		23.98	-	0.49	-	30	Pass
VHT80	MCS0	1	122	5610	18.70	-		23.98	-	0.49	-	30	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 4	-	SUM	Ant 4	-	Ant 4	-		
11a	6Mbps	1	100	5500	8.94	-		11.00	-	0.49	-		Pass
11a	6Mbps	1	116	5580	9.28	-		11.00	-	0.49	-		Pass
11a	6Mbps	1	140	5700	8.91	-		11.00	-	0.49	-		Pass
HT20	MCS0	1	100	5500	8.88	-		11.00	-	0.49	-		Pass
HT20	MCS0	1	116	5580	9.27	-		11.00	-	0.49	-		Pass
HT20	MCS0	1	140	5700	9.27	-		11.00	-	0.49	-		Pass
HT40	MCS0	1	102	5510	4.31	-		11.00	-	0.49	-		Pass
HT40	MCS0	1	110	5550	5.52	-		11.00	-	0.49	-		Pass
HT40	MCS0	1	134	5670	5.67	-		11.00	-	0.49	-		Pass
VHT80	MCS0	1	106	5530	-0.22	-		11.00	-	0.49	-		Pass
VHT80	MCS0	1	122	5610	3.43	-		11.00	-	0.49	-		Pass



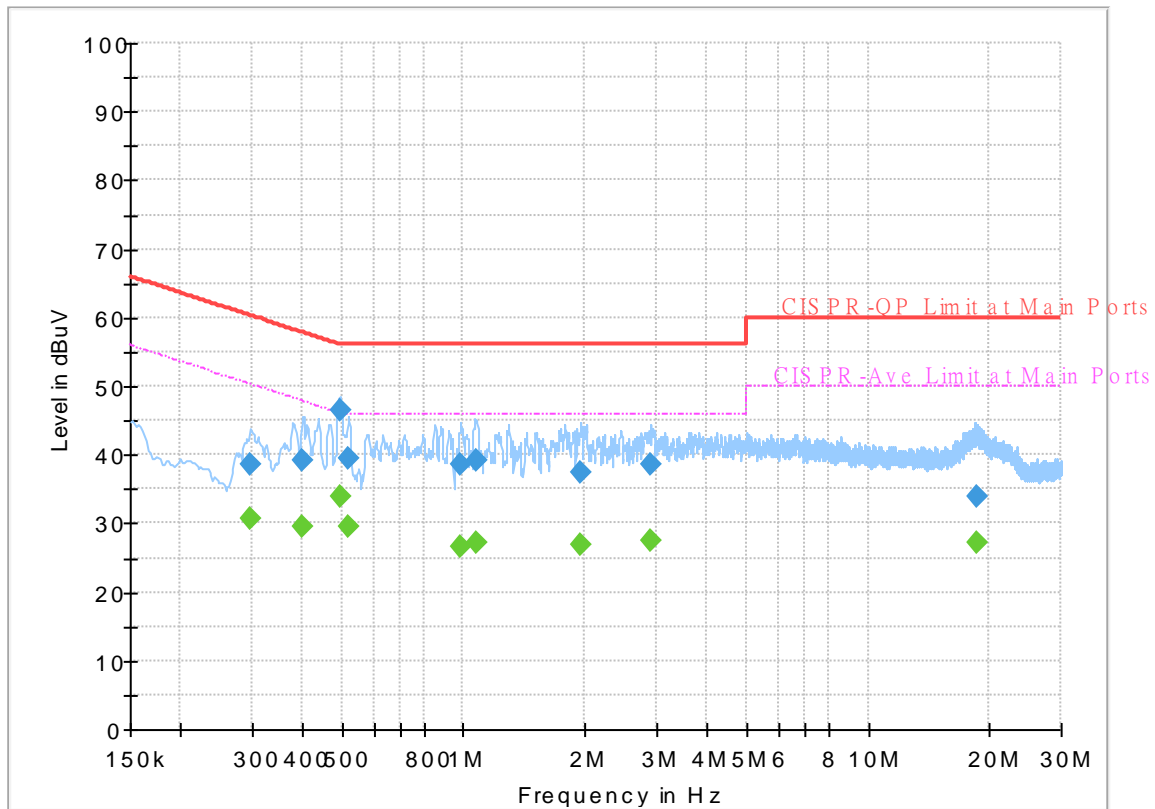
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26°C
		Relative Humidity :	40~50%

EUT Information

Report NO : 190730
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



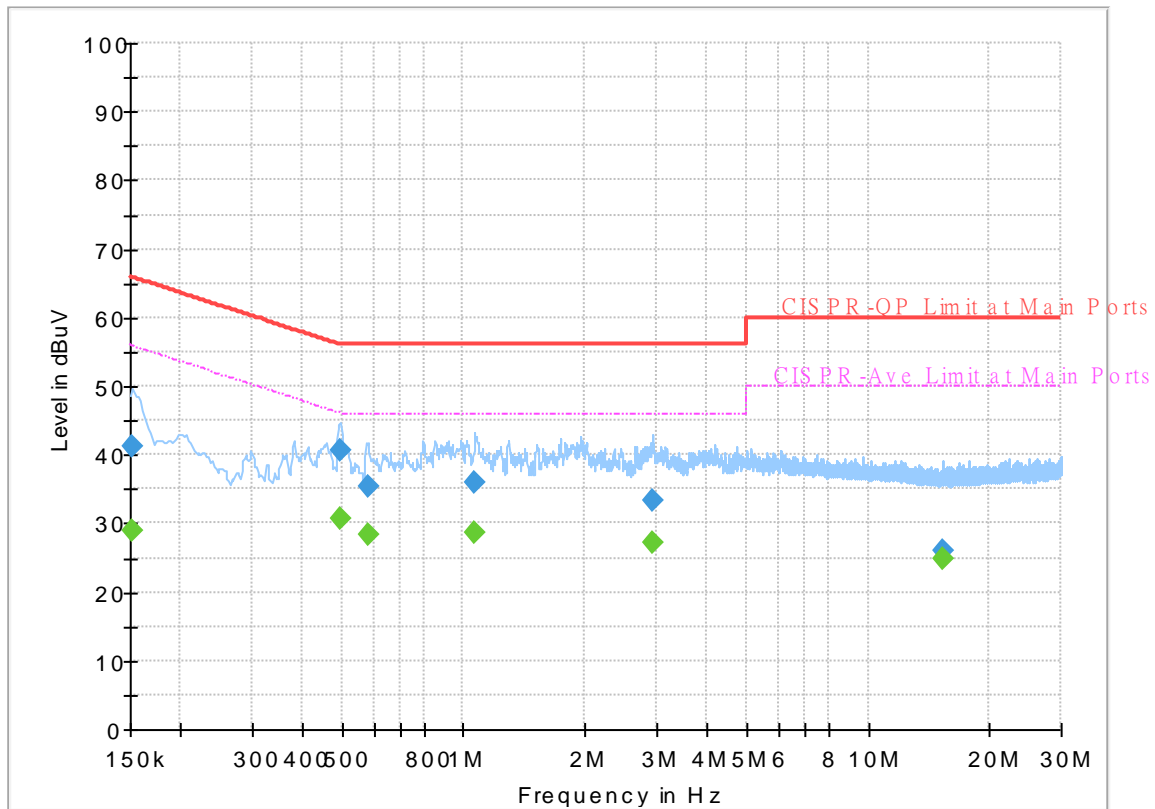
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.298500	---	30.74	50.28	19.54	L1	OFF	19.7
0.298500	38.62	---	60.28	21.66	L1	OFF	19.7
0.399750	---	29.55	47.86	18.31	L1	OFF	19.7
0.399750	39.18	---	57.86	18.68	L1	OFF	19.7
0.496500	---	33.98	46.06	12.08	L1	OFF	19.8
0.496500	46.53	---	56.06	9.53	L1	OFF	19.8
0.519000	---	29.44	46.00	16.56	L1	OFF	19.8
0.519000	39.34	---	56.00	16.66	L1	OFF	19.8
0.984750	---	26.70	46.00	19.30	L1	OFF	20.2
0.984750	38.64	---	56.00	17.36	L1	OFF	20.2
1.077000	---	27.18	46.00	18.82	L1	OFF	20.2
1.077000	39.29	---	56.00	16.71	L1	OFF	20.2
1.952250	---	27.01	46.00	18.99	L1	OFF	20.2
1.952250	37.49	---	56.00	18.51	L1	OFF	20.2
2.890500	---	27.36	46.00	18.64	L1	OFF	20.1
2.890500	38.52	---	56.00	17.48	L1	OFF	20.1
18.552750	---	27.33	50.00	22.67	L1	OFF	20.4
18.552750	33.86	---	60.00	26.14	L1	OFF	20.4

EUT Information

Report NO : 190730
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.93	55.88	26.95	N	OFF	19.7
0.152250	41.20	---	65.88	24.68	N	OFF	19.7
0.494250	---	30.61	46.10	15.49	N	OFF	19.8
0.494250	40.73	---	56.10	15.37	N	OFF	19.8
0.579750	---	28.31	46.00	17.69	N	OFF	19.9
0.579750	35.51	---	56.00	20.49	N	OFF	19.9
1.065750	---	28.54	46.00	17.46	N	OFF	20.2
1.065750	35.88	---	56.00	20.12	N	OFF	20.2
2.935500	---	27.17	46.00	18.83	N	OFF	20.1
2.935500	33.22	---	56.00	22.78	N	OFF	20.1
15.290250	---	24.77	50.00	25.23	N	OFF	20.4
15.290250	26.16	---	60.00	33.84	N	OFF	20.4



Appendix C. Radiated Spurious Emission

Test Engineer :	Yuan 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 (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		5146.9	54.67	-19.33	74	43.61	32.19	6.28	27.41	247	103	P	H	
		5150	46.35	-7.65	54	35.28	32.2	6.28	27.41	247	103	A	H	
	*	5180	101.81	-	-	90.85	32.08	6.28	27.4	247	103	P	H	
	*	5180	94.13	-	-	83.17	32.08	6.28	27.4	247	103	A	H	
													H	
														H
			5146.38	59.89	-14.11	74	48.83	32.19	6.28	27.41	100	346	P	V
			5150	51.35	-2.65	54	40.28	32.2	6.28	27.41	100	346	A	V
	*		5180	107.62	-	-	96.66	32.08	6.28	27.4	100	346	P	V
	*		5180	99.92	-	-	88.96	32.08	6.28	27.4	100	346	A	V
														V
														V
802.11a CH 44 5220MHz		5055.9	52.41	-21.59	74	41.5	32.1	6.25	27.44	265	103	P	H	
		5059.02	42.52	-11.48	54	31.6	32.1	6.25	27.43	265	103	A	H	
	*	5220	104.35	-	-	93.52	31.92	6.3	27.39	265	103	P	H	
	*	5220	95.58	-	-	84.75	31.92	6.3	27.39	265	103	A	H	
			5445.44	50.68	-23.32	74	39.71	31.9	6.4	27.33	265	103	P	H
			5459.44	41.24	-12.76	54	30.22	31.94	6.41	27.33	265	103	A	H
			5123.76	52.79	-21.21	74	41.79	32.15	6.27	27.42	100	345	P	V
			5149.76	42.77	-11.23	54	31.7	32.2	6.28	27.41	100	345	A	V
	*		5220	108.35	-	-	97.52	31.92	6.3	27.39	100	345	P	V
	*		5220	100.44	-	-	89.61	31.92	6.3	27.39	100	345	A	V
			5396.72	51.69	-22.31	74	40.77	31.88	6.39	27.35	100	345	P	V
			5459.44	41.12	-12.88	54	30.1	31.94	6.41	27.33	100	345	A	V



802.11a CH 48 5240MHz		5134.16	52.52	-21.48	74	41.5	32.17	6.27	27.42	254	105	P	H
		5051.22	42.28	-11.72	54	31.37	32.1	6.25	27.44	254	105	A	H
	*	5240	103.11	-	-	92.35	31.84	6.31	27.39	254	105	P	H
	*	5240	95.32	-	-	84.56	31.84	6.31	27.39	254	105	A	H
		5399.52	50.73	-23.27	74	39.79	31.9	6.39	27.35	254	105	P	H
		5459.72	41.04	-12.96	54	30.02	31.94	6.41	27.33	254	105	A	H
		5078.26	51.95	-22.05	74	41.02	32.1	6.26	27.43	100	340	P	V
		5050.7	42.34	-11.66	54	31.43	32.1	6.25	27.44	100	340	A	V
	*	5240	108.62	-	-	97.86	31.84	6.31	27.39	100	340	P	V
	*	5240	100.91	-	-	90.15	31.84	6.31	27.39	100	340	A	V
		5450.2	50.46	-23.54	74	39.48	31.9	6.41	27.33	100	340	P	V
		5457.76	41.08	-12.92	54	30.07	31.93	6.41	27.33	100	340	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	48.96	-19.24	68.2	55.33	39.94	10.15	56.46	-	-	P	H
		15540	47.08	-26.92	74	51.79	39.44	12.03	56.18	-	-	P	H
													H
													H
		10360	52.22	-15.98	68.2	58.59	39.94	10.15	56.46	-	-	P	V
		15540	45.85	-28.15	74	50.56	39.44	12.03	56.18	-	-	P	V
													V
													V
802.11a CH 44 5220MHz		10440	49.4	-18.8	68.2	55.45	40.22	10.19	56.46	-	-	P	H
		15660	45.42	-28.58	74	50.41	38.9	12.04	55.93	-	-	P	H
													H
													H
		10440	50.33	-17.87	68.2	56.38	40.22	10.19	56.46	-	-	P	V
		15660	44.8	-29.2	74	49.79	38.9	12.04	55.93	-	-	P	V
													V
													V
802.11a CH 48 5240MHz		10480	50.57	-17.63	68.2	56.48	40.34	10.21	56.46	-	-	P	H
		15720	45.55	-28.45	74	50.62	38.68	12.05	55.8	-	-	P	H
													H
													H
		10480	51.63	-16.57	68.2	57.54	40.34	10.21	56.46	-	-	P	V
		15720	46.27	-27.73	74	51.34	38.68	12.05	55.8	-	-	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg.	(H/V)	
4				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	(P/A)	(H/V)	
802.11n HT20 CH 36 5180MHz		5147.16	55.99	-18.01	74	44.93	32.19	6.28	27.41	246	104	P	H	
		5150	47.58	-6.42	54	36.51	32.2	6.28	27.41	246	104	A	H	
	*	5180	102.59	-	-	91.63	32.08	6.28	27.4	246	104	P	H	
	*	5180	94.57	-	-	83.61	32.08	6.28	27.4	246	104	A	H	
													H	
														H
			5147.68	60.74	-13.26	74	49.67	32.2	6.28	27.41	100	346	P	V
			5150	52.29	-1.71	54	41.22	32.2	6.28	27.41	100	346	A	V
	*		5180	107.77	-	-	96.81	32.08	6.28	27.4	100	346	P	V
	*		5180	99.83	-	-	88.87	32.08	6.28	27.4	100	346	A	V
														V
														V
802.11n HT20 CH 44 5220MHz		5133.64	51.76	-22.24	74	40.74	32.17	6.27	27.42	263	103	P	H	
		5060.32	42.2	-11.8	54	31.27	32.1	6.26	27.43	263	103	A	H	
	*	5220	102.52	-	-	91.69	31.92	6.3	27.39	263	103	P	H	
	*	5220	94.77	-	-	83.94	31.92	6.3	27.39	263	103	A	H	
			5373.48	51.43	-22.57	74	40.66	31.74	6.38	27.35	263	103	P	H
			5459.44	40.92	-13.08	54	29.9	31.94	6.41	27.33	263	103	A	H
			5110.5	52.69	-21.31	74	41.72	32.12	6.27	27.42	110	346	P	V
			5149.5	42.6	-11.4	54	31.53	32.2	6.28	27.41	110	346	A	V
	*		5220	107.92	-	-	97.09	31.92	6.3	27.39	110	346	P	V
	*		5220	99.91	-	-	89.08	31.92	6.3	27.39	110	346	A	V
			5441.24	52.35	-21.65	74	41.39	31.9	6.4	27.34	110	346	P	V
			5460	40.94	-13.06	54	29.92	31.94	6.41	27.33	110	346	A	V



802.11n HT20 CH 48 5240MHz		5093.34	52.2	-21.8	74	41.27	32.1	6.26	27.43	257	103	P	H
		5049.14	42.23	-11.77	54	31.33	32.09	6.25	27.44	257	103	A	H
	*	5240	102.6	-	-	91.84	31.84	6.31	27.39	257	103	P	H
	*	5240	94.58	-	-	83.82	31.84	6.31	27.39	257	103	A	H
		5370.96	50.24	-23.76	74	39.48	31.73	6.38	27.35	257	103	P	H
		5456.64	40.91	-13.09	54	29.9	31.93	6.41	27.33	257	103	A	H
		5150	51.86	-22.14	74	40.79	32.2	6.28	27.41	101	322	P	V
		5072.28	42.22	-11.78	54	31.29	32.1	6.26	27.43	101	322	A	V
	*	5240	107.97	-	-	97.21	31.84	6.31	27.39	101	322	P	V
	*	5240	100.35	-	-	89.59	31.84	6.31	27.39	101	322	A	V
		5389.44	50.67	-23.33	74	39.8	31.84	6.38	27.35	101	322	P	V
		5459.44	40.97	-13.03	54	29.95	31.94	6.41	27.33	101	322	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		10360	50.25	-17.95	68.2	56.62	39.94	10.15	56.46	-	-	P	H
		15540	46.29	-27.71	74	51	39.44	12.03	56.18	-	-	P	H
													H
													H
		10360	51.65	-16.55	68.2	58.02	39.94	10.15	56.46	-	-	P	V
		15540	46.21	-27.79	74	50.92	39.44	12.03	56.18	-	-	P	V
													V
													V
i802.11n HT20 CH 44 5220MHz		10440	50.25	-17.95	68.2	56.3	40.22	10.19	56.46	-	-	P	H
		15660	45.74	-28.26	74	50.73	38.9	12.04	55.93	-	-	P	H
													H
													H
		10440	50.8	-17.4	68.2	56.85	40.22	10.19	56.46	-	-	P	V
		15660	45.45	-28.55	74	50.44	38.9	12.04	55.93	-	-	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	50.24	-17.96	68.2	56.15	40.34	10.21	56.46	-	-	P	H
		15720	45.94	-28.06	74	51.01	38.68	12.05	55.8	-	-	P	H
													H
													H
		10480	51.32	-16.88	68.2	57.23	40.34	10.21	56.46	-	-	P	V
		15720	46.07	-27.93	74	51.14	38.68	12.05	55.8	-	-	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg.	(H/V)
4				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5146.38	53.02	-20.98	74	41.96	32.19	6.28	27.41	273	114	P	H
		5149.5	46.19	-7.81	54	35.12	32.2	6.28	27.41	273	114	A	H
	*	5190	96.39	-	-	85.46	32.04	6.29	27.4	273	114	P	H
	*	5190	88.45	-	-	77.52	32.04	6.29	27.4	273	114	A	H
		5381.04	50.23	-23.77	74	39.41	31.79	6.38	27.35	273	114	P	H
		5449.64	42.21	-11.79	54	31.24	31.9	6.4	27.33	273	114	A	H
		5149.24	57.47	-16.53	74	46.4	32.2	6.28	27.41	100	346	P	V
		5149.76	51.22	-2.78	54	40.15	32.2	6.28	27.41	100	346	A	V
	*	5190	102.5	-	-	91.57	32.04	6.29	27.4	100	346	P	V
	*	5190	94.61	-	-	83.68	32.04	6.29	27.4	100	346	A	V
		5431.44	50.84	-23.16	74	39.88	31.9	6.4	27.34	100	346	P	V
		5451.88	42.36	-11.64	54	31.37	31.91	6.41	27.33	100	346	A	V
802.11n HT40 CH 46 5230MHz		5099.06	51.77	-22.23	74	40.83	32.1	6.26	27.42	272	116	P	H
		5144.56	44	-10	54	32.94	32.19	6.28	27.41	272	116	A	H
	*	5230	99.55	-	-	88.76	31.88	6.3	27.39	272	116	P	H
	*	5230	91.62	-	-	80.83	31.88	6.3	27.39	272	116	A	H
		5402.6	50.24	-23.76	74	39.3	31.9	6.39	27.35	272	116	P	H
		5455.24	42.12	-11.88	54	31.12	31.92	6.41	27.33	272	116	A	H
		5147.94	55.15	-18.85	74	44.08	32.2	6.28	27.41	105	345	P	V
		5149.24	45.69	-8.31	54	34.62	32.2	6.28	27.41	105	345	A	V
	*	5230	105.66	-	-	94.87	31.88	6.3	27.39	105	345	P	V
	*	5230	97.86	-	-	87.07	31.88	6.3	27.39	105	345	A	V
	5375.72	50.22	-23.78	74	39.44	31.75	6.38	27.35	105	345	P	V	
	5454.12	42.2	-11.8	54	31.2	31.92	6.41	27.33	105	345	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg. (P/A)	(H/V)	
802.11n HT40 CH 38 5190MHz		10380	47.36	-20.84	68.2	53.64	40.02	10.16	56.46	-	-	P	H	
		15570	45.72	-28.28	74	50.49	39.32	12.03	56.12	-	-	P	H	
													H	
													H	
		10380	48.52	-19.68	68.2	54.8	40.02	10.16	56.46	-	-	P	V	
		15570	46.36	-27.64	74	51.13	39.32	12.03	56.12	-	-	P	V	
														V
														V
		10460	49.07	-19.13	68.2	55.05	40.28	10.2	56.46	-	-	P	H	
		15690	45.21	-28.79	74	50.28	38.75	12.04	55.86	-	-	P	H	
														H
														H
		10460	49.84	-18.36	68.2	55.82	40.28	10.2	56.46	-	-	P	V	
		15690	44.68	-29.32	74	49.75	38.75	12.04	55.86	-	-	P	V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5139.62	53.6	-20.4	74	42.56	32.18	6.27	27.41	265	107	P	H
		5149.5	46.37	-7.63	54	35.3	32.2	6.28	27.41	265	107	A	H
	*	5210	93.18	-	-	82.32	31.96	6.3	27.4	265	107	P	H
	*	5210	85.37	-	-	74.51	31.96	6.3	27.4	265	107	A	H
		5451.04	49.85	-24.15	74	38.87	31.9	6.41	27.33	265	107	P	H
		5453.84	42.17	-11.83	54	31.17	31.92	6.41	27.33	265	107	A	H
		5147.16	58.53	-15.47	74	47.47	32.19	6.28	27.41	107	345	P	V
		5149.76	52.22	-1.78	54	41.15	32.2	6.28	27.41	107	345	A	V
		5210	98.87	-	-	88.01	31.96	6.3	27.4	107	345	P	V
		5210	91.44	-	-	80.58	31.96	6.3	27.4	107	345	A	V
	5413.24	49.98	-24.02	74	39.03	31.9	6.39	27.34	107	345	P	V	
	5458.6	42.09	-11.91	54	31.08	31.93	6.41	27.33	107	345	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		10420	47.65	-20.55	68.2	53.77	40.16	10.18	56.46	-	-	P	H
		15630	45.87	-28.13	74	50.78	39.05	12.03	55.99	-	-	P	H
													H
													H
		10420	47.02	-21.18	68.2	53.14	40.16	10.18	56.46	-	-	P	V
		15630	45.9	-28.1	74	50.81	39.05	12.03	55.99	-	-	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBµV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4					(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5092.14	52.46	-21.54	74	41.53	32.1	6.26	27.43	245	106	P	H
		5071.06	42.15	-11.85	54	31.22	32.1	6.26	27.43	245	106	A	H
	*	5260	102.15	-	-	91.43	31.78	6.32	27.38	245	106	P	H
	*	5260	94.35	-	-	83.63	31.78	6.32	27.38	245	106	A	H
		5454.48	50.72	-23.28	74	39.72	31.92	6.41	27.33	245	106	P	H
		5459.04	40.79	-13.21	54	29.77	31.94	6.41	27.33	245	106	A	H
		5093.16	52.86	-21.14	74	41.93	32.1	6.26	27.43	100	323	P	V
		5056.1	42.14	-11.86	54	31.23	32.1	6.25	27.44	100	323	A	V
	*	5260	107.76	-	-	97.04	31.78	6.32	27.38	100	323	P	V
	*	5260	100.13	-	-	89.41	31.78	6.32	27.38	100	323	A	V
		5394	50.35	-23.65	74	39.45	31.86	6.39	27.35	100	323	P	V
		5460	40.82	-13.18	54	29.8	31.94	6.41	27.33	100	323	A	V
802.11a CH 60 5300MHz		5047.6	52.38	-21.62	74	41.48	32.09	6.25	27.44	261	106	P	H
		5055.76	42.12	-11.88	54	31.21	32.1	6.25	27.44	261	106	A	H
	*	5300	102.67	-	-	92	31.7	6.34	27.37	261	106	P	H
	*	5300	95.08	-	-	84.41	31.7	6.34	27.37	261	106	A	H
		5380.08	50.16	-23.84	74	39.35	31.78	6.38	27.35	261	106	P	H
		5459.52	40.8	-13.2	54	29.78	31.94	6.41	27.33	261	106	A	H
		5046.92	52.85	-21.15	74	41.96	32.08	6.25	27.44	101	318	P	V
		5050.32	42.14	-11.86	54	31.23	32.1	6.25	27.44	101	318	A	V
	*	5300	107.83	-	-	97.16	31.7	6.34	27.37	101	318	P	V
	*	5300	100.1	-	-	89.43	31.7	6.34	27.37	101	318	A	V
		5357.28	51.01	-22.99	74	40.36	31.64	6.37	27.36	101	318	P	V
		5350.08	41.97	-12.03	54	31.36	31.6	6.37	27.36	101	318	A	V



802.11a CH 64 5320MHz	*	5320	102.66	-	-	92.02	31.66	6.35	27.37	262	106	P	H
	*	5320	95.06	-	-	84.42	31.66	6.35	27.37	262	106	A	H
		5351.68	53.12	-20.88	74	42.5	31.61	6.37	27.36	262	106	P	H
		5350.08	46.88	-7.12	54	36.27	31.6	6.37	27.36	262	106	A	H
													H
													H
	*	5320	107.03	-	-	96.39	31.66	6.35	27.37	100	340	P	V
	*	5320	99.47	-	-	88.83	31.66	6.35	27.37	100	340	A	V
		5350.72	56.68	-17.32	74	46.07	31.6	6.37	27.36	100	340	P	V
		5350.24	50.09	-3.91	54	39.48	31.6	6.37	27.36	100	340	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10520	49.78	-18.42	68.2	55.62	40.36	10.23	56.43	-	-	P	H
		15780	46.53	-27.47	74	51.53	38.62	12.05	55.67	-	-	P	H
													H
													H
		10520	52.28	-15.92	68.2	58.12	40.36	10.23	56.43	100	0	P	V
		15780	45.53	-28.47	74	50.53	38.62	12.05	55.67	100	0	P	V
													V
													V
i802.11a CH 60 5300MHz		10600	52.22	-21.78	74	58.07	40.2	10.27	56.32	219	326	P	H
		10600	41.81	-12.19	54	47.66	40.2	10.27	56.32	219	326	A	H
		15900	45.71	-28.29	74	50.35	38.7	12.07	55.41	-	-	P	H
													H
													H
		10600	53.17	-20.83	74	59.02	40.2	10.27	56.32	376	11	P	V
		10600	43.87	-10.13	54	49.72	40.2	10.27	56.32	376	11	A	V
		15900	46.18	-27.82	74	50.82	38.7	12.07	55.41	-	-	P	V
802.11a CH 64 5320MHz		10640	52.88	-21.12	74	58.54	40.32	10.29	56.27	209	344	P	H
		10640	41.75	-12.25	54	47.41	40.32	10.29	56.27	209	344	A	H
		15960	45.58	-28.42	74	50.28	38.52	12.07	55.29	-	-	P	H
													H
													H
		10640	54.42	-19.58	74	60.08	40.32	10.29	56.27	383	10	P	V
		10640	43.44	-10.56	54	49.1	40.32	10.29	56.27	383	10	A	V
		15960	45.95	-28.05	74	50.65	38.52	12.07	55.29	-	-	P	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg.	(H/V)	
4				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	(P/A)	(H/V)	
802.11n HT20 CH 52 5260MHz		5025.16	52.67	-21.33	74	41.91	31.95	6.25	27.44	247	107	P	H	
		5053.04	42.2	-11.8	54	31.29	32.1	6.25	27.44	247	107	A	H	
	*	5260	102.37	-	-	91.65	31.78	6.32	27.38	247	107	P	H	
	*	5260	94.48	-	-	83.76	31.78	6.32	27.38	247	107	A	H	
		5407.68	49.67	-24.33	74	38.72	31.9	6.39	27.34	247	107	P	H	
		5458.56	40.94	-13.06	54	29.93	31.93	6.41	27.33	247	107	A	H	
		5040.12	52	-22	74	41.15	32.04	6.25	27.44	100	323	P	V	
		5048.62	42.23	-11.77	54	31.33	32.09	6.25	27.44	100	323	A	V	
	*	5260	108.5	-	-	97.78	31.78	6.32	27.38	100	323	P	V	
	*	5260	100.5	-	-	89.78	31.78	6.32	27.38	100	323	A	V	
		5420.16	50.27	-23.73	74	39.31	31.9	6.4	27.34	100	323	P	V	
		5459.28	40.97	-13.03	54	29.95	31.94	6.41	27.33	100	323	A	V	
	802.11n HT20 CH 60 5300MHz		5031.28	52.11	-21.89	74	41.31	31.99	6.25	27.44	261	107	P	H
			5060.86	42.19	-11.81	54	31.26	32.1	6.26	27.43	261	107	A	H
*		5300	103.2	-	-	92.53	31.7	6.34	27.37	261	107	P	H	
*		5300	95.15	-	-	84.48	31.7	6.34	27.37	261	107	A	H	
		5371.92	50.22	-23.78	74	39.46	31.73	6.38	27.35	261	107	P	H	
		5459.28	40.95	-13.05	54	29.93	31.94	6.41	27.33	261	107	A	H	
		5049.98	53.28	-20.72	74	42.37	32.1	6.25	27.44	100	323	P	V	
		5049.98	42.24	-11.76	54	31.33	32.1	6.25	27.44	100	323	A	V	
*		5300	107.87	-	-	97.2	31.7	6.34	27.37	100	323	P	V	
*		5300	100.25	-	-	89.58	31.7	6.34	27.37	100	323	A	V	
		5376.96	52.16	-21.84	74	41.37	31.76	6.38	27.35	100	323	P	V	
	5350.08	42.5	-11.5	54	31.89	31.6	6.37	27.36	100	323	A	V		



802.11n HT20 CH 64 5320MHz	*	5320	102.73	-	-	92.09	31.66	6.35	27.37	265	106	P	H
	*	5320	94.86	-	-	84.22	31.66	6.35	27.37	265	106	A	H
		5351.52	54.95	-19.05	74	44.33	31.61	6.37	27.36	265	106	P	H
		5350.08	46.97	-7.03	54	36.36	31.6	6.37	27.36	265	106	A	H
													H
													H
	*	5320	107.92	-	-	97.28	31.66	6.35	27.37	100	323	P	V
	*	5320	100.04	-	-	89.4	31.66	6.35	27.37	100	323	A	V
		5351.36	58.99	-15.01	74	48.37	31.61	6.37	27.36	100	323	P	V
		5350.08	51.73	-2.27	54	41.12	31.6	6.37	27.36	100	323	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10520	49.86	-18.34	68.2	55.7	40.36	10.23	56.43	-	-	P	H
		15780	46.19	-27.81	74	51.19	38.62	12.05	55.67	-	-	P	H
													H
													H
		10520	51.38	-16.82	68.2	57.22	40.36	10.23	56.43	-	-	P	V
		15780	46.28	-27.72	74	51.28	38.62	12.05	55.67	-	-	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	52.63	-21.37	74	58.48	40.2	10.27	56.32	199	338	P	H
		10600	41.52	-12.48	54	47.37	40.2	10.27	56.32	199	338	A	H
		15900	45.7	-28.3	74	50.34	38.7	12.07	55.41	-	-	P	H
													H
													H
		10600	52.84	-21.16	74	58.69	40.2	10.27	56.32	300	19	P	V
		10600	42.59	-11.41	54	48.44	40.2	10.27	56.32	300	19	A	V
		15900	45.63	-28.37	74	50.27	38.7	12.07	55.41	-	-	P	V
802.11n HT20 CH 64 5320MHz		10640	52.29	-21.71	74	57.95	40.32	10.29	56.27	206	331	P	H
		10640	41.45	-12.55	54	47.11	40.32	10.29	56.27	206	331	A	H
		15960	45.72	-28.28	74	50.42	38.52	12.07	55.29	-	-	P	H
													H
													H
		10640	54.28	-19.72	74	59.94	40.32	10.29	56.27	308	19	P	V
		10640	42.59	-11.41	54	48.25	40.32	10.29	56.27	308	19	A	V
		15960	46.04	-27.96	74	50.74	38.52	12.07	55.29	-	-	P	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg.	(H/V)
4				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5055.76	52.32	-21.68	74	41.41	32.1	6.25	27.44	267	107	P	H
		5046.58	43.86	-10.14	54	32.97	32.08	6.25	27.44	267	107	A	H
	*	5270	99.75	-	-	89.05	31.76	6.32	27.38	267	107	P	H
	*	5270	91.83	-	-	81.13	31.76	6.32	27.38	267	107	A	H
		5445.84	50.29	-23.71	74	39.32	31.9	6.4	27.33	267	107	P	H
		5350.56	42.47	-11.53	54	31.86	31.6	6.37	27.36	267	107	A	H
		5045.9	51.7	-22.3	74	40.81	32.08	6.25	27.44	100	345	P	V
		5096.56	43.92	-10.08	54	32.98	32.1	6.26	27.42	100	345	A	V
	*	5270	104.96	-	-	94.26	31.76	6.32	27.38	100	345	P	V
	*	5270	97.12	-	-	86.42	31.76	6.32	27.38	100	345	A	V
		5456.16	51.6	-22.4	74	40.6	31.92	6.41	27.33	100	345	P	V
		5351.28	44.23	-9.77	54	33.61	31.61	6.37	27.36	100	345	A	V
802.11n HT40 CH 62 5310MHz		5106.08	52.02	-21.98	74	41.06	32.11	6.27	27.42	255	106	P	H
		5044.88	44.07	-9.93	54	33.19	32.07	6.25	27.44	255	106	A	H
	*	5310	95.79	-	-	85.14	31.68	6.34	27.37	255	106	P	H
	*	5310	87.85	-	-	77.2	31.68	6.34	27.37	255	106	A	H
		5351.76	55.05	-18.95	74	44.43	31.61	6.37	27.36	255	106	P	H
		5350.08	47.73	-6.27	54	37.12	31.6	6.37	27.36	255	106	A	H
		5021.08	52.24	-21.76	74	41.5	31.93	6.25	27.44	104	346	P	V
		5078.2	43.88	-10.12	54	32.95	32.1	6.26	27.43	104	346	A	V
	*	5310	100.73	-	-	90.08	31.68	6.34	27.37	104	346	P	V
	*	5310	92.53	-	-	81.88	31.68	6.34	27.37	104	346	A	V
	5350.08	58.26	-15.74	74	47.65	31.6	6.37	27.36	104	346	P	V	
	5350.08	51.86	-2.14	54	41.25	31.6	6.37	27.36	104	346	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg.	(H/V)
4				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		10540	48.66	-19.54	68.2	54.5	40.32	10.24	56.4	-	-	P	H
		15810	44.64	-29.36	74	49.58	38.61	12.06	55.61	-	-	P	H
													H
													H
		10540	49.35	-18.85	68.2	55.19	40.32	10.24	56.4	-	-	P	V
		15810	45.1	-28.9	74	50.04	38.61	12.06	55.61	-	-	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	47.73	-26.27	74	53.48	40.26	10.28	56.29	-	-	P	H
		15930	46.36	-27.64	74	51.03	38.61	12.07	55.35	-	-	P	H
													H
													H
		10620	47.81	-26.19	74	53.56	40.26	10.28	56.29	-	-	P	V
		15930	45.89	-28.11	74	50.56	38.61	12.07	55.35	-	-	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5112.88	52.02	-21.98	74	41.04	32.13	6.27	27.42	258	106	P	H
		5126.14	43.73	-10.27	54	32.73	32.15	6.27	27.42	258	106	A	H
	*	5290	91.78	-	-	81.09	31.72	6.34	27.37	258	106	P	H
	*	5290	84.27	-	-	73.58	31.72	6.34	27.37	258	106	A	H
		5355.12	56.36	-17.64	74	45.72	31.63	6.37	27.36	258	106	P	H
		5350.8	49.02	-4.98	54	38.41	31.6	6.37	27.36	258	106	A	H
		5032.64	51.7	-22.3	74	40.89	32	6.25	27.44	103	347	P	V
		5147.22	43.71	-10.29	54	32.65	32.19	6.28	27.41	103	347	A	V
	*	5290	96.72	-	-	86.03	31.72	6.34	27.37	103	347	P	V
	*	5290	89.17	-	-	78.48	31.72	6.34	27.37	103	347	A	V
		5358	59.4	-14.6	74	48.74	31.65	6.37	27.36	103	347	P	V
	5350.32	53.07	-0.93	54	42.46	31.6	6.37	27.36	103	347	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ac VHT80 CH 58 5290MHz		10580	47.9	-20.3	68.2	53.75	40.24	10.26	56.35	-	-	P	H	
		15870	45.96	-28.04	74	50.7	38.67	12.07	55.48	-	-	P	H	
													H	
													H	
		10580	47.81	-20.39	68.2	53.66	40.24	10.26	56.35	-	-	P	V	
		15870	44.97	-29.03	74	49.71	38.67	12.07	55.48	-	-	P	V	
														V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.		(MHz)	(dBµV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
4					(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5394.8	51.73	-22.27	74	40.82	31.87	6.39	27.35	260	105	P	H	
		5467.12	53.26	-14.94	68.2	42.21	31.97	6.41	27.33	260	105	P	H	
		5460	42.22	-11.78	54	31.2	31.94	6.41	27.33	260	105	A	H	
	*	5500	102.8	-	-	91.6	32.1	6.42	27.32	260	105	P	H	
	*	5500	95.24	-	-	84.04	32.1	6.42	27.32	260	105	A	H	
														H
			5456.72	53.33	-20.67	74	42.32	31.93	6.41	27.33	187	331	P	V
			5469.52	56.67	-11.53	68.2	45.61	31.98	6.41	27.33	187	331	P	V
			5460	44.11	-9.89	54	33.09	31.94	6.41	27.33	187	331	A	V
	*		5500	107.43	-	-	96.23	32.1	6.42	27.32	187	331	P	V
	*		5500	99.86	-	-	88.66	32.1	6.42	27.32	187	331	A	V
														V
	802.11a CH 116 5580MHz		5442.64	50.47	-23.53	74	39.5	31.9	6.4	27.33	243	106	P	H
		5466.64	50.41	-17.79	68.2	39.36	31.97	6.41	27.33	243	106	P	H	
		5459.44	40.9	-13.1	54	29.88	31.94	6.41	27.33	243	106	A	H	
*		5580	103.15	-	-	92.09	32	6.44	27.38	243	106	P	H	
*		5580	95.43	-	-	84.37	32	6.44	27.38	243	106	A	H	
			5756.81	50.81	-17.39	68.2	39.51	32.4	6.4	27.5	243	106	P	H
			5456.8	50.93	-23.07	74	39.92	31.93	6.41	27.33	100	336	P	V
			5470	50.4	-17.8	68.2	39.34	31.98	6.41	27.33	100	336	P	V
			5459.44	41.07	-12.93	54	30.05	31.94	6.41	27.33	100	336	A	V
*			5580	106.45	-	-	95.39	32	6.44	27.38	100	336	P	V
*			5580	98.81	-	-	87.75	32	6.44	27.38	100	336	A	V
			5739.8	51.73	-16.47	68.2	40.45	32.36	6.41	27.49	100	336	P	V



802.11a CH 140 5700MHz	*	5700	100.31	-	-	89.15	32.2	6.42	27.46	247	105	P	H
	*	5700	92.5	-	-	81.34	32.2	6.42	27.46	247	105	A	H
		5725.96	53.96	-14.24	68.2	42.73	32.3	6.41	27.48	247	105	P	H
													H
													H
													H
	*	5700	108.1	-	-	96.94	32.2	6.42	27.46	105	343	P	V
	*	5700	100.52	-	-	89.36	32.2	6.42	27.46	105	343	A	V
		5727.08	60.1	-8.1	68.2	48.86	32.31	6.41	27.48	105	343	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	52.42	-21.58	74	57.02	40.7	10.47	55.77	100	336	P	H
		11000	40.11	-13.89	54	44.71	40.7	10.47	55.77	100	336	A	H
		16500	46.37	-21.83	68.2	49.52	39.9	12.26	55.31	-	-	P	H
													H
		11000	53.91	-20.09	74	58.51	40.7	10.47	55.77	208	13	P	V
		11000	42.56	-11.44	54	47.16	40.7	10.47	55.77	208	13	A	V
		16500	47.59	-20.61	68.2	50.74	39.9	12.26	55.31	-	-	P	V
802.11a CH 116 5580MHz		11160	51.84	-22.16	74	57.11	39.96	10.54	55.77	190	353	P	H
		11160	40.03	-13.97	54	45.3	39.96	10.54	55.77	190	353	A	H
		16740	47.48	-20.72	68.2	50.4	40.26	12.35	55.53	-	-	P	H
													H
		11160	54.15	-19.85	74	59.42	39.96	10.54	55.77	203	359	P	V
		11160	42.6	-11.4	54	47.87	39.96	10.54	55.77	203	359	A	V
		16740	47.07	-21.13	68.2	49.99	40.26	12.35	55.53	-	-	P	V
802.11a CH 140 5700MHz		11400	51.22	-22.78	74	56.46	39.9	10.64	55.78	219	350	P	H
		11400	39.34	-14.66	54	44.58	39.9	10.64	55.78	219	350	A	H
		17100	47.55	-20.65	68.2	50.58	40.4	12.52	55.95	-	-	P	H
													H
		11400	54.38	-19.62	74	59.62	39.9	10.64	55.78	204	360	P	V
		11400	42.74	-11.26	54	47.98	39.9	10.64	55.78	204	360	A	V
		17100	48.62	-19.58	68.2	51.65	40.4	12.52	55.95	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg.	(H/V)	
4					Line	Level	Factor	Loss	Factor	Pos	Pos	(P/A)	(H/V)	
802.11n HT20 CH 100 5500MHz		5456.24	51.35	-22.65	74	40.35	31.92	6.41	27.33	256	106	P	H	
		5468.56	54.74	-13.46	68.2	43.69	31.97	6.41	27.33	256	106	P	H	
		5460	42.4	-11.6	54	31.38	31.94	6.41	27.33	256	106	A	H	
	*	5500	104.03	-	-	92.83	32.1	6.42	27.32	256	106	P	H	
	*	5500	95.38	-	-	84.18	32.1	6.42	27.32	256	106	A	H	
														H
			5459.92	53.8	-20.2	74	42.78	31.94	6.41	27.33	226	325	P	V
			5467.12	57.85	-10.35	68.2	46.8	31.97	6.41	27.33	226	325	P	V
			5460	43.95	-10.05	54	32.93	31.94	6.41	27.33	226	325	A	V
	*		5500	107.43	-	-	96.23	32.1	6.42	27.32	226	325	P	V
	*		5500	99.32	-	-	88.12	32.1	6.42	27.32	226	325	A	V
													V	
802.11n HT20 CH 116 5580MHz		5396.32	52.07	-21.93	74	41.15	31.88	6.39	27.35	244	106	P	H	
		5460.16	50.38	-17.82	68.2	39.36	31.94	6.41	27.33	244	106	P	H	
		5459.92	41.27	-12.73	54	30.25	31.94	6.41	27.33	244	106	A	H	
	*	5580	103.53	-	-	92.47	32	6.44	27.38	244	106	P	H	
	*	5580	95.55	-	-	84.49	32	6.44	27.38	244	106	A	H	
			5730.665	51.9	-16.3	68.2	40.66	32.32	6.41	27.49	244	106	P	H
			5440.24	52.08	-21.92	74	41.12	31.9	6.4	27.34	232	325	P	V
			5460.4	50	-18.2	68.2	38.98	31.94	6.41	27.33	232	325	P	V
			5459.44	41.56	-12.44	54	30.54	31.94	6.41	27.33	232	325	A	V
	*		5580	107.96	-	-	96.9	32	6.44	27.38	232	325	P	V
	*		5580	100.01	-	-	88.95	32	6.44	27.38	232	325	A	V
		5747.99	51.43	-16.77	68.2	40.13	32.39	6.41	27.5	232	325	P	V	



802.11n HT20 CH 140 5700MHz	*	5700	100.44	-	-	89.28	32.2	6.42	27.46	242	104	P	H
	*	5700	92.41	-	-	81.25	32.2	6.42	27.46	242	104	A	H
		5725	55.52	-12.68	68.2	44.29	32.3	6.41	27.48	242	104	P	H
													H
													H
													H
	*	5700	107.73	-	-	96.57	32.2	6.42	27.46	100	332	P	V
	*	5700	100.07	-	-	88.91	32.2	6.42	27.46	100	332	A	V
		5726.04	62.64	-5.56	68.2	51.41	32.3	6.41	27.48	100	332	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		11000	51.33	-22.67	74	55.93	40.7	10.47	55.77	213	344	P	H
		11000	40.55	-13.45	54	45.15	40.7	10.47	55.77	213	344	A	H
		16500	46.89	-21.31	68.2	50.04	39.9	12.26	55.31	-	-	P	H
													H
		11000	52.57	-21.43	74	57.17	40.7	10.47	55.77	292	20	P	V
		11000	41.75	-12.25	54	46.35	40.7	10.47	55.77	292	20	A	V
		16500	47.06	-21.14	68.2	50.21	39.9	12.26	55.31	-	-	P	V
802.11n HT20 CH 116 5580MHz		11160	49.88	-24.12	74	55.15	39.96	10.54	55.77	204	350	P	H
		11160	39.52	-14.48	54	44.79	39.96	10.54	55.77	204	350	A	H
		16740	46.95	-21.25	68.2	49.87	40.26	12.35	55.53	-	-	P	H
													H
		11160	52.36	-21.64	74	57.63	39.96	10.54	55.77	296	20	P	V
		11160	41.04	-12.96	54	46.31	39.96	10.54	55.77	296	20	A	V
		16740	46.83	-21.37	68.2	49.75	40.26	12.35	55.53	-	-	P	V
802.11n HT20 CH 140 5700MHz		11400	49.62	-24.38	74	54.86	39.9	10.64	55.78	211	348	P	H
		11400	39.19	-14.81	54	44.43	39.9	10.64	55.78	211	348	A	H
		17100	48.01	-20.19	68.2	51.04	40.4	12.52	55.95	-	-	P	H
													H
		11400	54.07	-19.93	74	59.31	39.9	10.64	55.78	213	6	P	V
		11400	43.07	-10.93	54	48.31	39.9	10.64	55.78	213	6	A	V
		17100	47.86	-20.34	68.2	50.89	40.4	12.52	55.95	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg.	(H/V)
4					Line	Level	Factor	Loss	Factor	Pos	Pos	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5458.96	53.76	-20.24	74	42.74	31.94	6.41	27.33	246	104	P	H
		5468.08	60.78	-7.42	68.2	49.73	31.97	6.41	27.33	246	104	P	H
		5459.92	46.4	-7.6	54	35.38	31.94	6.41	27.33	246	104	A	H
	*	5510	99.82	-	-	88.65	32.08	6.42	27.33	246	104	P	H
	*	5510	91.44	-	-	80.27	32.08	6.42	27.33	246	104	A	H
		5740.745	51.57	-16.63	68.2	40.29	32.36	6.41	27.49	246	104	P	H
		5459.68	61.27	-12.73	74	50.25	31.94	6.41	27.33	188	332	P	V
		5466.88	66.78	-1.42	68.2	55.73	31.97	6.41	27.33	188	332	P	V
		5459.92	50.6	-3.4	54	39.58	31.94	6.41	27.33	188	332	A	V
	*	5510	104.25	-	-	93.08	32.08	6.42	27.33	188	332	P	V
	*	5510	95.12	-	-	83.95	32.08	6.42	27.33	188	332	A	V
	5753.66	51.7	-16.5	68.2	40.4	32.4	6.4	27.5	188	332	P	V	
802.11n HT40 CH 110 5550MHz		5398.72	51.33	-22.67	74	40.4	31.89	6.39	27.35	255	107	P	H
		5467.12	51.34	-16.86	68.2	40.29	31.97	6.41	27.33	255	107	P	H
		5458.72	42.91	-11.09	54	31.9	31.93	6.41	27.33	255	107	A	H
	*	5550	102.07	-	-	91	32	6.43	27.36	255	107	P	H
	*	5550	93.36	-	-	82.29	32	6.43	27.36	255	107	A	H
		5752.4	51.29	-16.91	68.2	39.99	32.4	6.4	27.5	255	107	P	H
		5448.64	51.14	-22.86	74	40.17	31.9	6.4	27.33	100	330	P	V
		5461.36	52.65	-15.55	68.2	41.62	31.95	6.41	27.33	100	330	P	V
		5459.44	43.75	-10.25	54	32.73	31.94	6.41	27.33	100	330	A	V
	*	5550	105.59	-	-	94.52	32	6.43	27.36	100	330	P	V
	*	5550	97	-	-	85.93	32	6.43	27.36	100	330	A	V
	5752.715	51.49	-16.71	68.2	40.19	32.4	6.4	27.5	100	330	P	V	



802.11n HT40 CH 134 5670MHz		5401.1	49.48	-24.52	74	38.54	31.9	6.39	27.35	274	112	P	H
		5470	49.99	-18.21	68.2	38.93	31.98	6.41	27.33	274	112	P	H
		5444.85	42.2	-11.8	54	31.23	31.9	6.4	27.33	274	112	A	H
	*	5670	96.65	-	-	85.64	32.02	6.43	27.44	274	112	P	H
	*	5670	89.4	-	-	78.39	32.02	6.43	27.44	274	112	A	H
		5727.83	50.37	-17.83	68.2	39.13	32.31	6.41	27.48	274	112	P	H
		5429.1	49.68	-24.32	74	38.72	31.9	6.4	27.34	100	337	P	V
		5461.65	49.06	-19.14	68.2	38.03	31.95	6.41	27.33	100	337	P	V
		5395.5	42.39	-11.61	54	31.48	31.87	6.39	27.35	100	337	A	V
	*	5670	105.33	-	-	94.32	32.02	6.43	27.44	100	337	P	V
	*	5670	97.28	-	-	86.27	32.02	6.43	27.44	100	337	A	V
		5732.555	56.79	-11.41	68.2	45.54	32.33	6.41	27.49	100	337	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		11020	50.44	-23.56	74	55.13	40.6	10.48	55.77	198	348	P	H
		11020	40.7	-13.3	54	45.39	40.6	10.48	55.77	198	348	A	H
		16530	46.9	-21.3	68.2	50.1	39.87	12.27	55.34	-	-	P	H
													H
													H
		11020	50.54	-23.46	74	55.23	40.6	10.48	55.77	301	23	P	V
		11020	41.39	-12.61	54	46.08	40.6	10.48	55.77	301	23	A	V
		16530	46.56	-21.64	68.2	49.76	39.87	12.27	55.34	-	-	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	50.13	-23.87	74	55.19	40.2	10.51	55.77	197	344	P	H
		11100	40.35	-13.65	54	45.41	40.2	10.51	55.77	197	344	A	H
		16650	46.97	-21.23	68.2	50.16	39.95	12.31	55.45	-	-	P	H
													H
													H
		11100	50.69	-23.31	74	55.75	40.2	10.51	55.77	265	17	P	V
		11100	41.72	-12.28	54	46.78	40.2	10.51	55.77	265	17	A	V
		16650	47.28	-20.92	68.2	50.47	39.95	12.31	55.45	-	-	P	V
												V	
												V	
i802.11n HT40 CH 134 5670MHz		11340	47.79	-26.21	74	53.18	39.78	10.61	55.78	-	-	P	H
		17010	47.83	-20.37	68.2	50.68	40.49	12.45	55.79	-	-	P	H
													H
													H
		11340	47.94	-26.06	74	53.33	39.78	10.61	55.78	-	-	P	V
		17010	47.71	-20.49	68.2	50.56	40.49	12.45	55.79	-	-	P	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	Avg.	(H/V)
4												(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		5454.4	56.96	-17.04	74	45.96	31.92	6.41	27.33	249	105	P	H
		5468.32	58.38	-9.82	68.2	47.33	31.97	6.41	27.33	249	105	P	H
		5459.68	49.65	-4.35	54	38.63	31.94	6.41	27.33	249	105	A	H
	*	5530	94.65	-	-	83.52	32.04	6.43	27.34	249	105	P	H
	*	5530	86.27	-	-	75.14	32.04	6.43	27.34	249	105	A	H
		5759.645	51.2	-17	68.2	39.91	32.4	6.4	27.51	249	105	P	H
		5449.84	60.38	-13.62	74	49.41	31.9	6.4	27.33	105	337	P	V
		5464.72	62.93	-5.27	68.2	51.89	31.96	6.41	27.33	105	337	P	V
		5459.68	53.42	-0.58	54	42.4	31.94	6.41	27.33	105	337	A	V
	*	5530	99.4	-	-	88.27	32.04	6.43	27.34	105	337	P	V
*	5530	91.08	-	-	79.95	32.04	6.43	27.34	105	337	A	V	
		5743.58	50.84	-17.36	68.2	39.56	32.37	6.41	27.5	105	337	P	V
802.11ac VHT80 CH 122 5610MHz		5353.15	49.9	-24.1	74	39.27	31.62	6.37	27.36	241	106	P	H
		5460.6	49.59	-18.61	68.2	38.57	31.94	6.41	27.33	241	106	P	H
		5458.85	42.94	-11.06	54	31.92	31.94	6.41	27.33	241	106	A	H
	*	5610	97.76	-	-	86.73	31.98	6.45	27.4	241	106	P	H
	*	5610	89.21	-	-	78.18	31.98	6.45	27.4	241	106	A	H
		5739.17	53	-15.2	68.2	41.72	32.36	6.41	27.49	241	106	P	H
		5432.95	50.16	-23.84	74	39.2	31.9	6.4	27.34	100	336	P	V
		5465.15	49.28	-18.92	68.2	38.24	31.96	6.41	27.33	100	336	P	V
		5459.9	43.16	-10.84	54	32.14	31.94	6.41	27.33	100	336	A	V
	*	5610	101.66	-	-	90.63	31.98	6.45	27.4	100	336	P	V
*	5610	93.51	-	-	82.48	31.98	6.45	27.4	100	336	A	V	
		5737.91	53.46	-14.74	68.2	42.19	32.35	6.41	27.49	100	336	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		11060	47.72	-26.28	74	52.59	40.4	10.5	55.77	-	-	P	H
		16590	47.25	-20.95	68.2	50.54	39.81	12.29	55.39	-	-	P	H
													H
													H
		11060	47.6	-26.4	74	52.47	40.4	10.5	55.77	-	-	P	V
		16590	47.53	-20.67	68.2	50.82	39.81	12.29	55.39	-	-	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz		11220	47.53	-26.47	74	52.96	39.78	10.56	55.77	-	-	P	H
		16830	46.67	-21.53	68.2	49.37	40.53	12.38	55.61	-	-	P	H
													H
													H
		11220	47.66	-26.34	74	53.09	39.78	10.56	55.77	-	-	P	V
		16830	46.98	-21.22	68.2	49.68	40.53	12.38	55.61	-	-	P	V
													V
													V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 												



Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI Ant.	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
5GHz 802.11ac VHT80 LF		35.82	22.46	-17.54	40	32.44	21.5	0.76	32.24	-	-	P	H	
		125.06	20.82	-22.68	43.5	34.38	17.52	1.16	32.24	-	-	P	H	
		316.15	23.11	-22.89	46	33.88	19.38	1.66	31.81	-	-	P	H	
		564.47	27.07	-18.93	46	31.35	25.92	2.16	32.36	-	-	P	H	
		869.05	31.69	-14.31	46	31.49	28.78	2.55	31.13	-	-	P	H	
		941.8	32.1	-13.9	46	30.55	29.79	2.59	30.83	-	-	P	H	
														H
														H
														H
			120.21	28.78	-14.72	43.5	42.37	17.5	1.15	32.24	-	-	P	V
			127	25.96	-17.54	43.5	39.44	17.61	1.15	32.24	-	-	P	V
			439.34	25.79	-20.21	46	32.62	22.95	1.92	31.7	-	-	P	V
			764.29	29.73	-16.27	46	31.16	27.73	2.43	31.59	-	-	P	V
			861.29	30.92	-15.08	46	30.66	28.86	2.55	31.15	-	-	P	V
			956.35	32.94	-13.06	46	30.47	30.62	2.61	30.76	-	-	P	V
														V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



Note symbol

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



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

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

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix D. Radiated Spurious Emission Plots

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

Note symbol

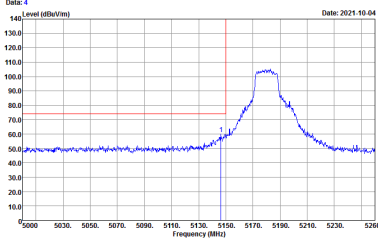
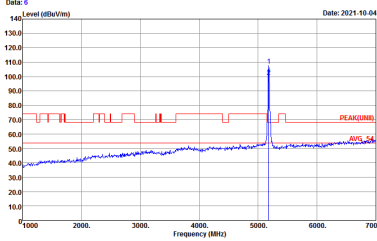
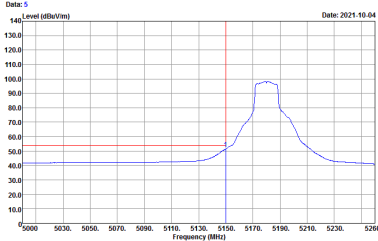
-L	Low channel location
-R	High channel location



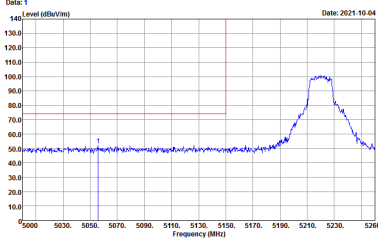
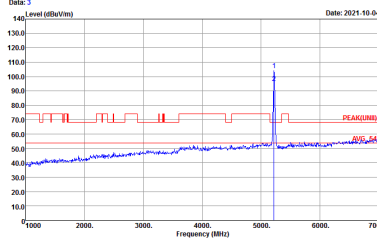
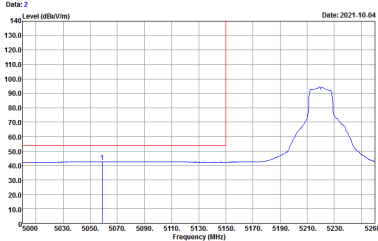
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank

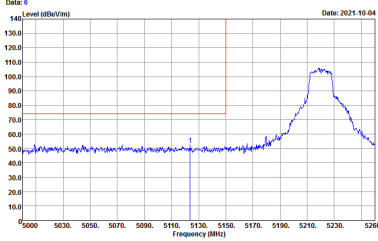
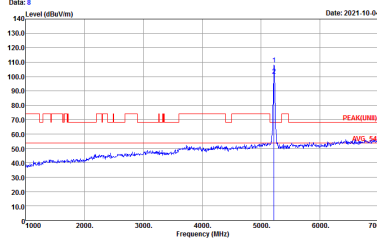
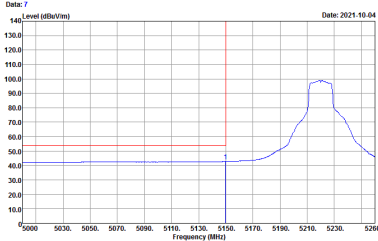


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

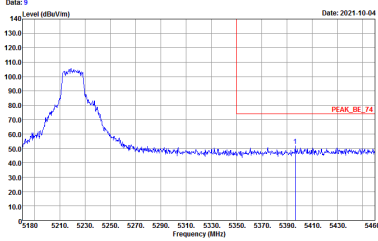
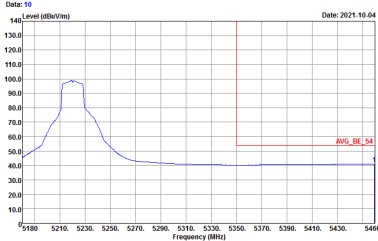


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

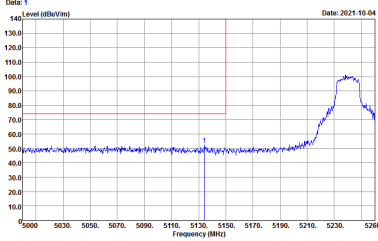
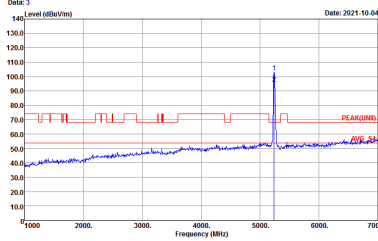
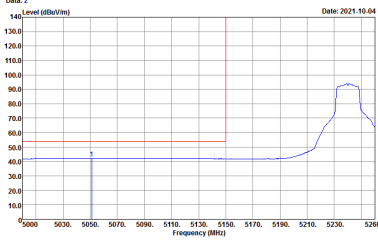


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank

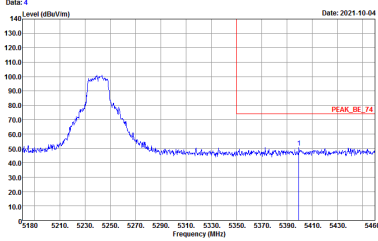
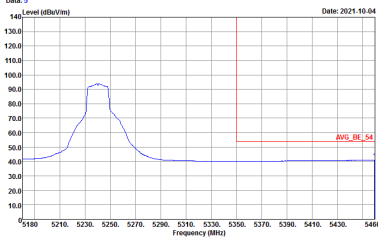


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

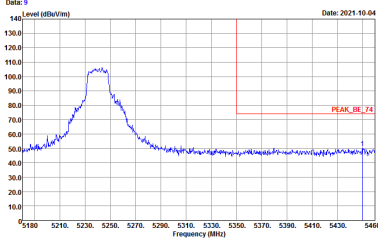
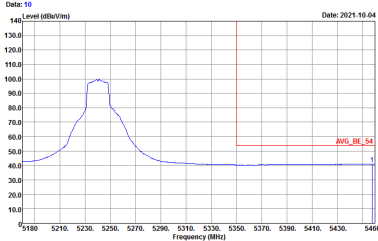


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4	Vertical	Fundamental
Peak	<p>Date: 6 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Date: 8 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Date: 7 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



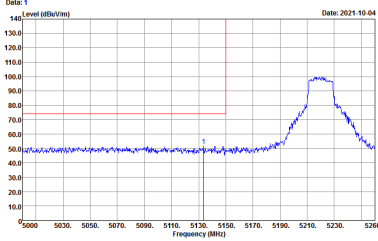
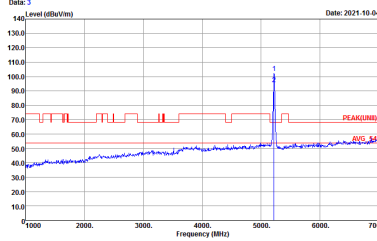
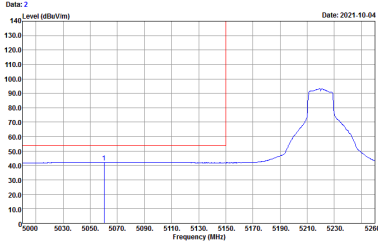
**Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4	Horizontal	Fundamental
Peak	<p>Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL</p>	<p>Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	<p>Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank

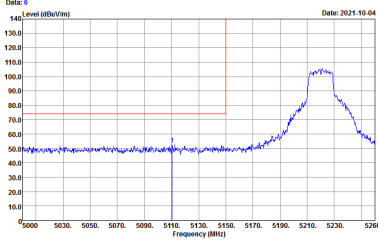
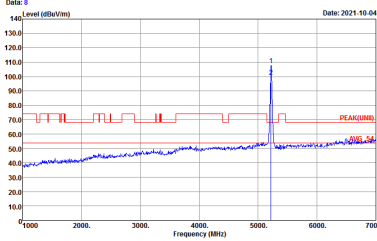
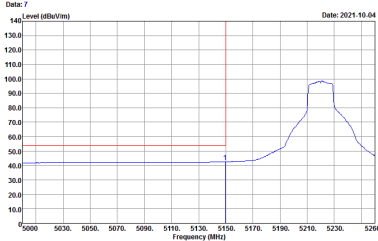


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

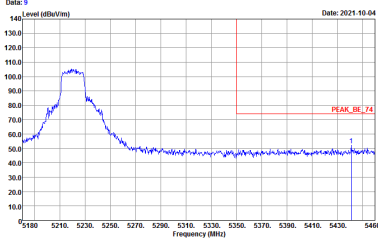
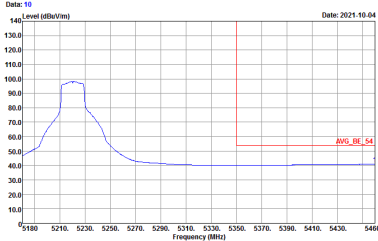


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

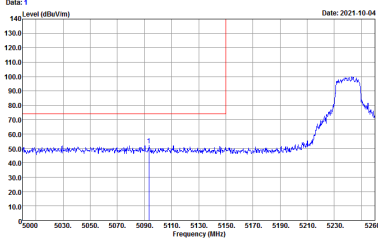
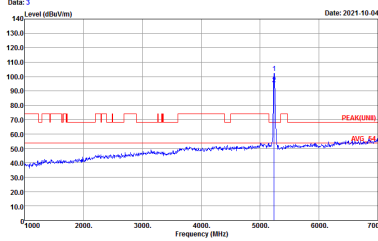
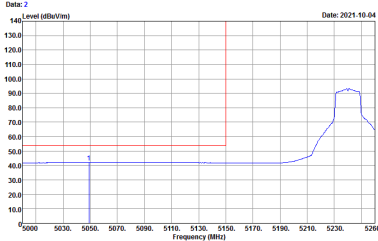


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank

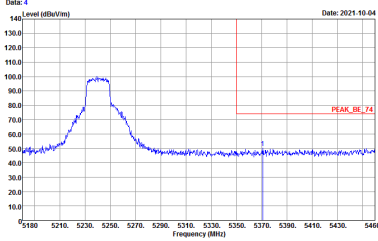
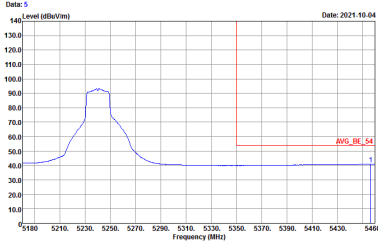


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Date: 1 Level (dBuV/m) Date: 2021.10.04 Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Date: 3 Level (dBuV/m) Date: 2021.10.04 Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Date: 2 Level (dBuV/m) Date: 2021.10.04 Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

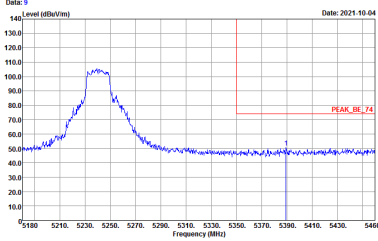
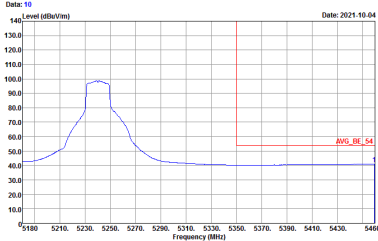


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



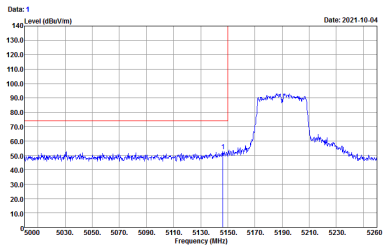
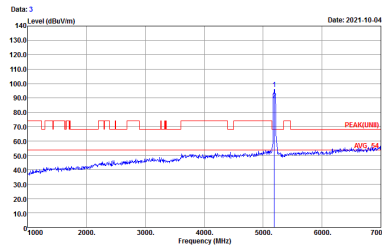
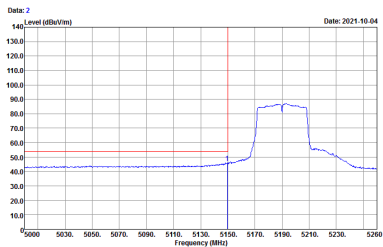
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



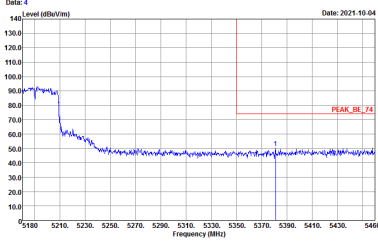
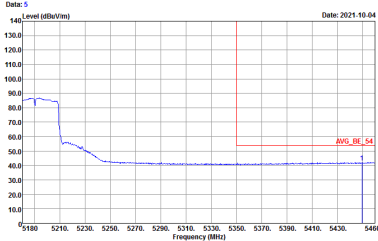
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
4	Vertical	Fundamental
Peak	 <p>Date: 9 Date: 2021.10.04 Level (dBuV/m) Frequency (MHz) Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	 <p>Date: 10 Date: 2021.10.04 Level (dBuV/m) Frequency (MHz) Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	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	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL</p>	Left blank

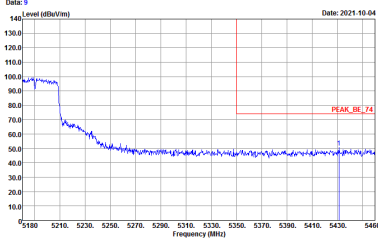
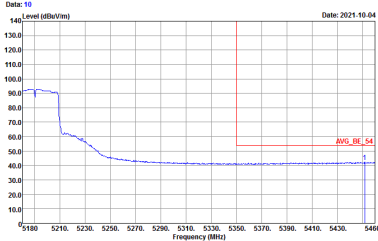


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

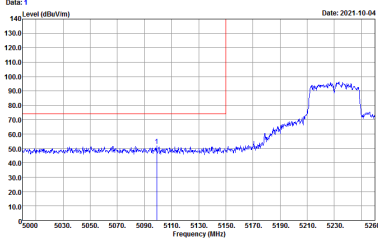
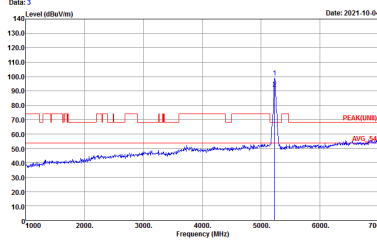
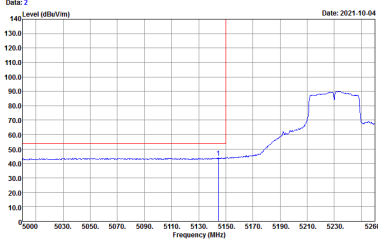


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

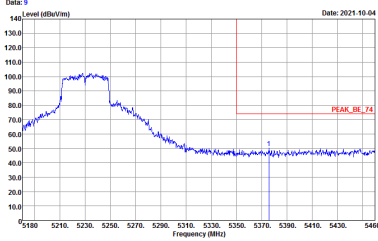
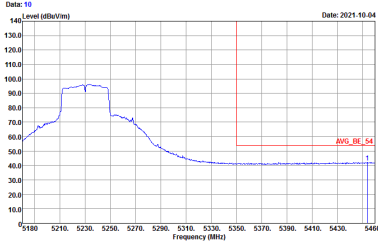


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



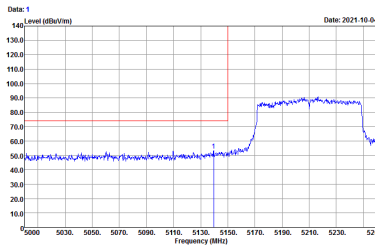
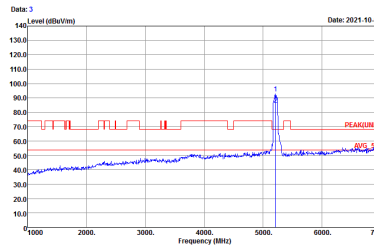
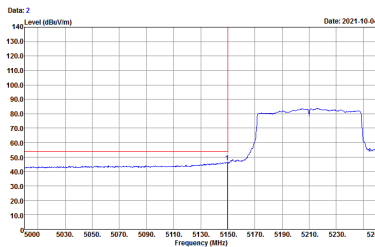
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
4	Vertical	Fundamental
Peak	<p>Date: 6 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Date: 8 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Date: 7 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



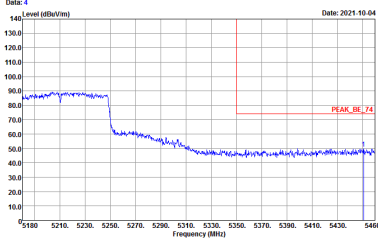
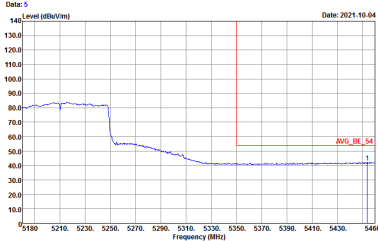
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



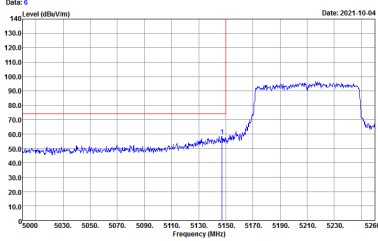
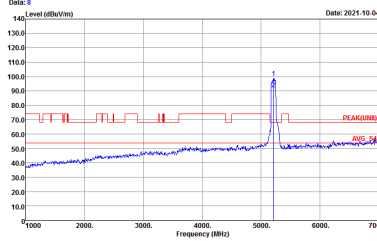
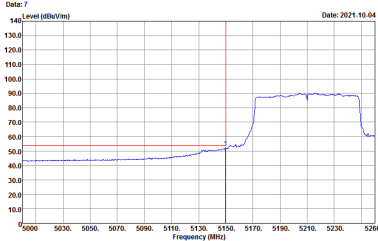
**Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL</p>	Left blank

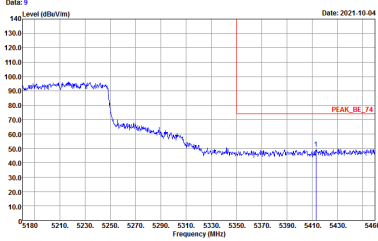
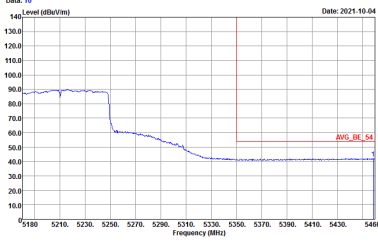


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



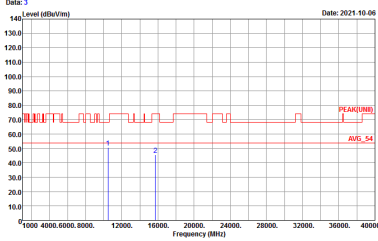
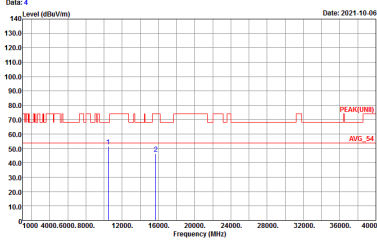
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
4	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



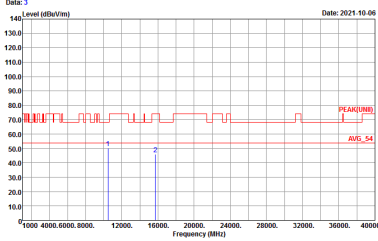
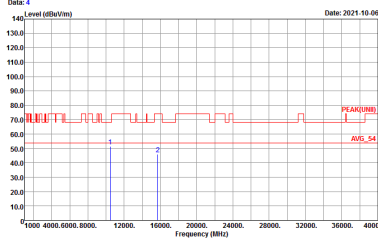
**Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



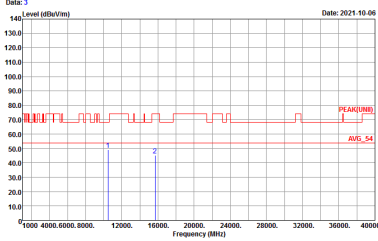
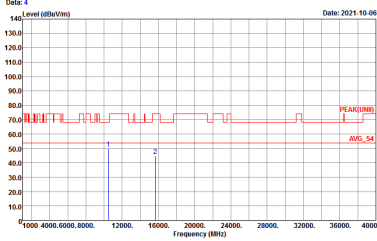
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
4	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Data: 3 Date: 2021.10.06</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Data: 4 Date: 2021.10.06</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
4	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



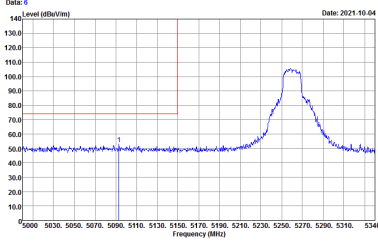
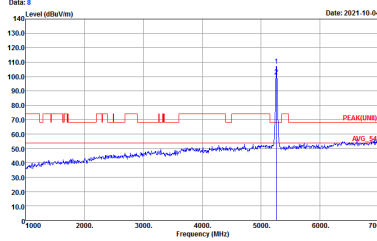
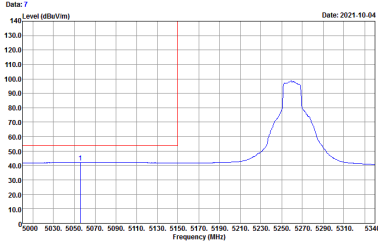
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : :PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : :PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	<p>Site : 03CH13-HY Condition : :AVG_BE_54 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

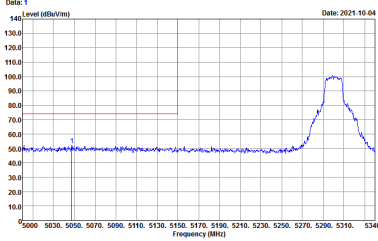
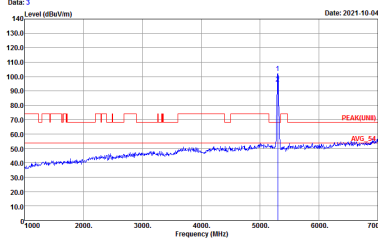
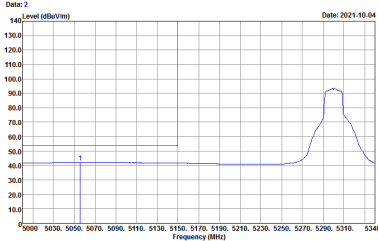


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



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



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

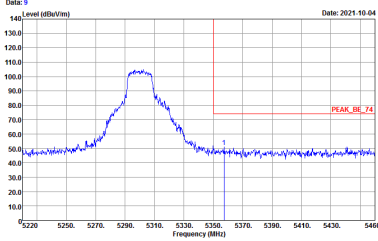
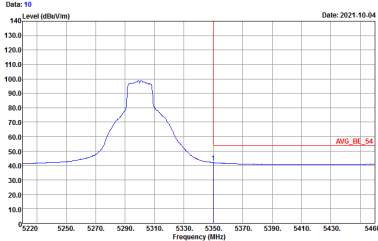


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

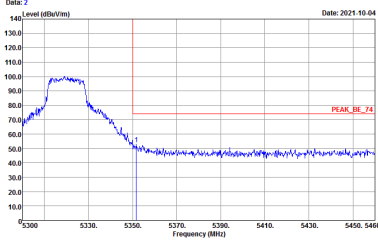
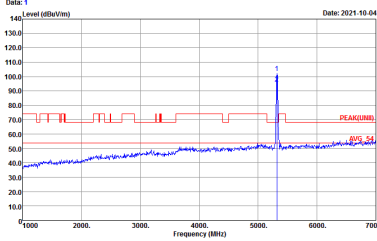
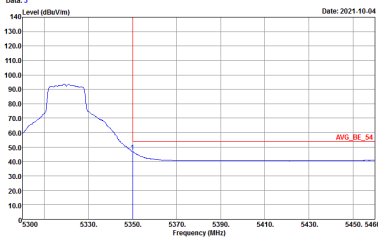


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4	Vertical	Fundamental
Peak	<p>Date: 6 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Date: 8 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Date: 7 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



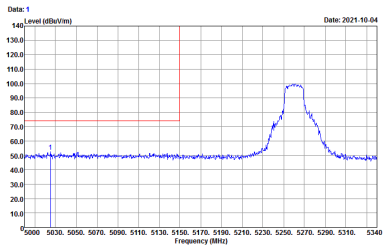
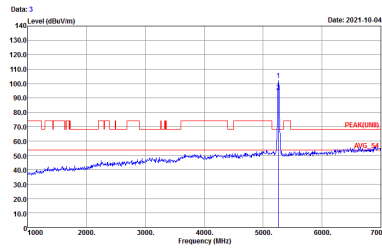
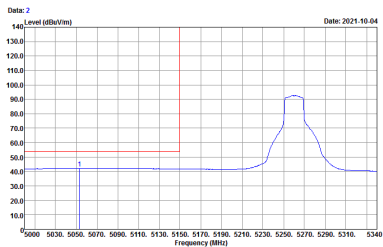
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

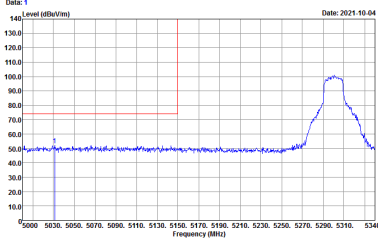
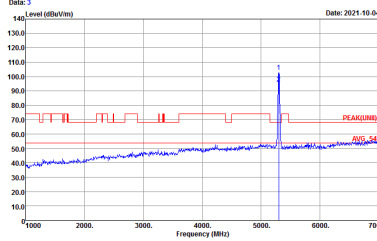
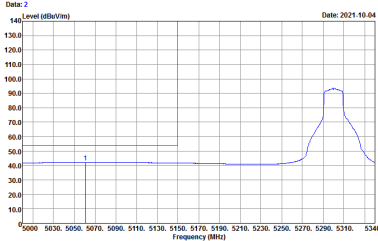


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
4	Horizontal	Vertical
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

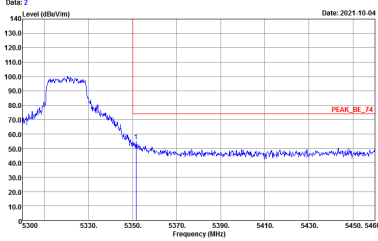
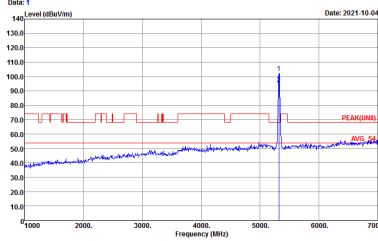
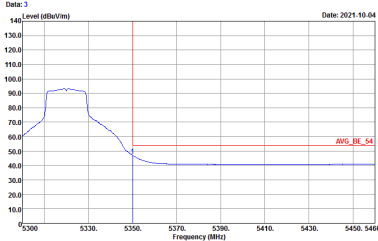


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
4	Vertical	Fundamental
Peak	<p>Date: 6 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Date: 8 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Date: 7 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



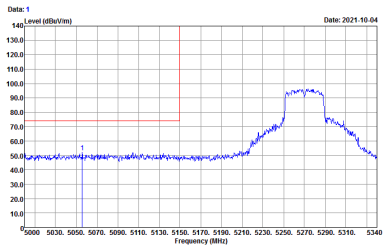
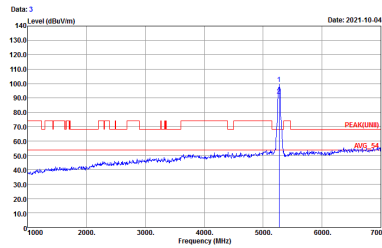
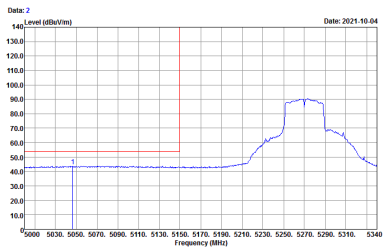
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



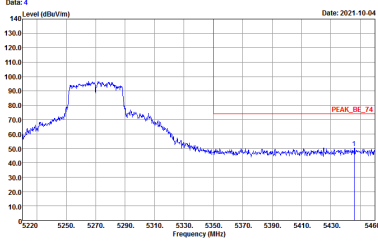
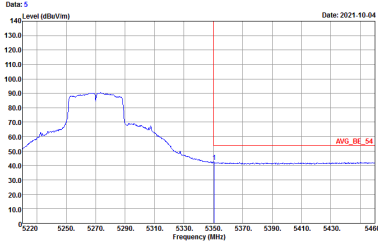
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	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 5270MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

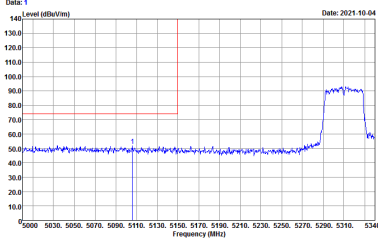
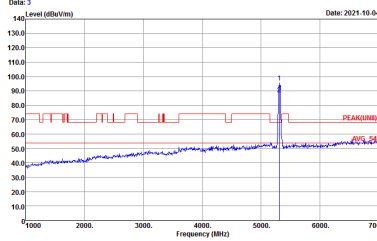
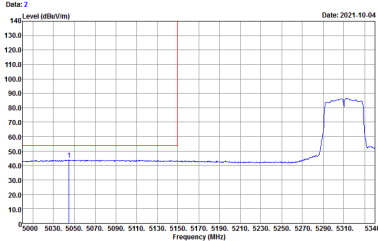


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - L	
4	Vertical	Vertical
Peak	<p>Date: 6 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Date: 8 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Date: 7 Date: 2021-10-04</p> <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - R	
4	Vertical	Vertical
Peak	<p>Date: 9 Date: 2021.10.04</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	<p>Date: 10 Date: 2021.10.04</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank

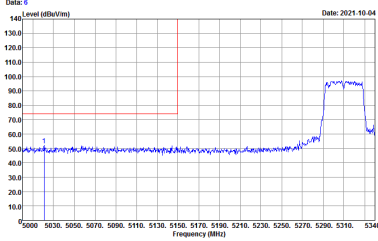
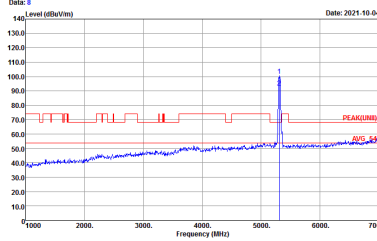
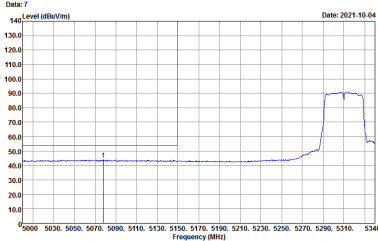


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - R	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



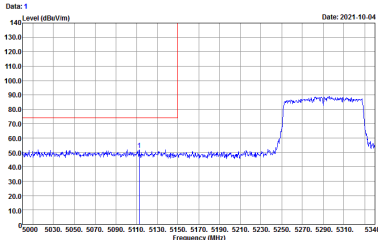
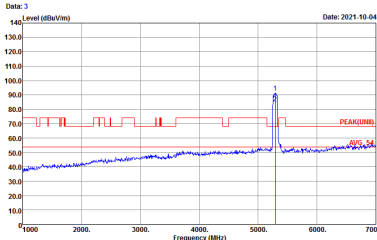
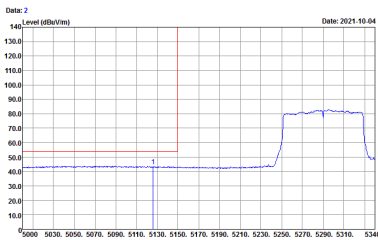
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - R	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
4	Vertical	Fundamental
Peak	<p>Date: 6 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	<p>Date: 8 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Date: 7 Date: 2021.10.04</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



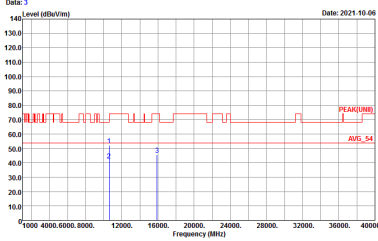
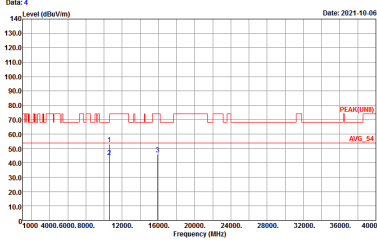
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
4	Vertical	Fundamental
Peak	<p>Date: 9 Date: 2021.10.04</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL</p>	Left blank
Avg.	<p>Date: 10 Date: 2021.10.04</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL</p>	Left blank



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
4	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL Detector : Peak Project : 190730 Mode : 18 Setting : 13.5</p>



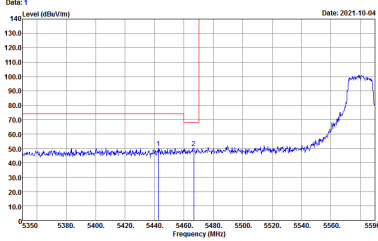
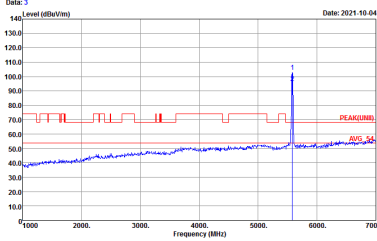
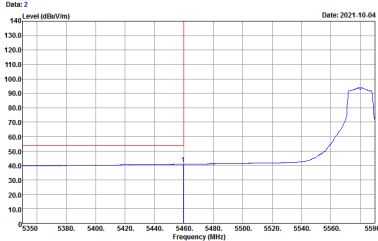
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

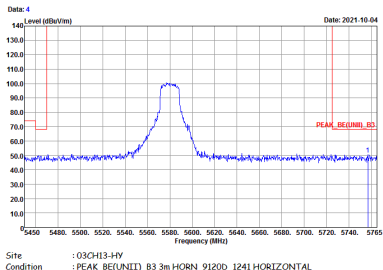


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank

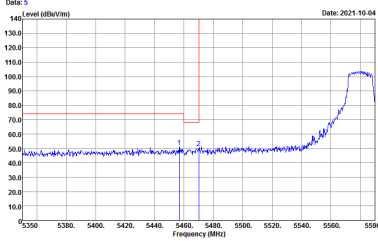
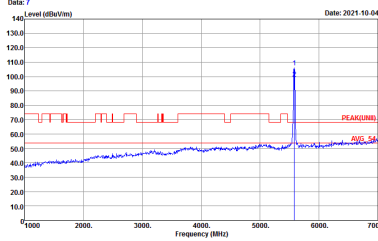
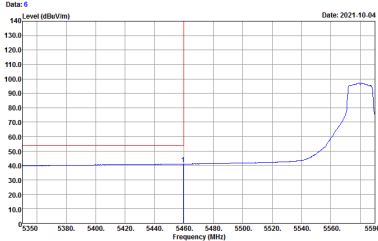


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

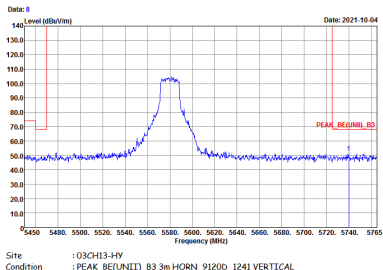


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site :09CH13-FV Condition :PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank

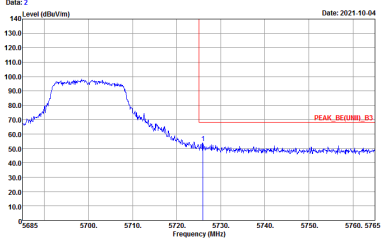
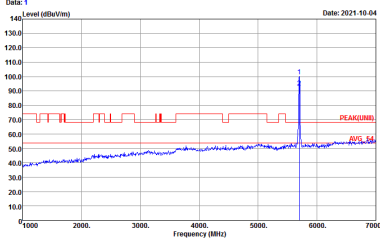


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank



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



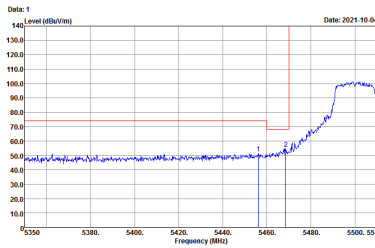
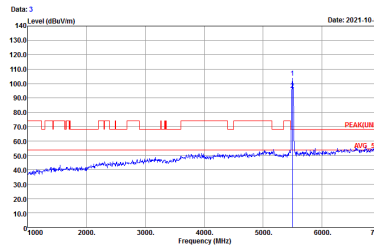
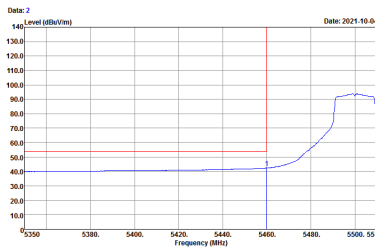
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
4	Horizontal	Fundamental
Peak	 <p>Site : :03CH13-HV Condition : :PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : :03CH13-HV Condition : :PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL</p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
4	Vertical	Fundamental
Peak	<p>Site : :03CH13-HV Condition : -PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL</p>	<p>Site : :03CH13-HV Condition : -PEAK(LINE) 3m HORN_91200_1241 VERTICAL</p>



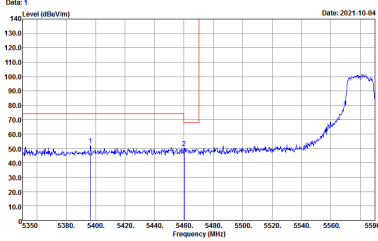
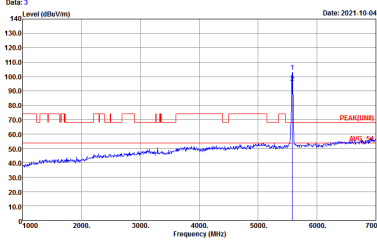
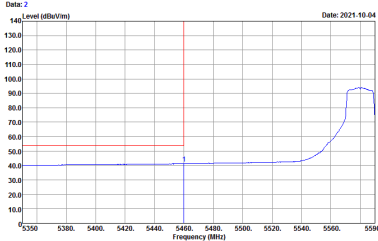
**Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank

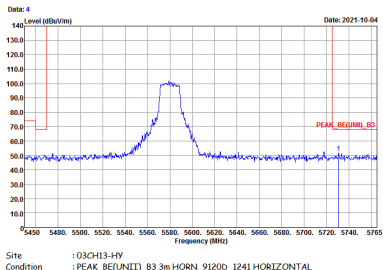


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

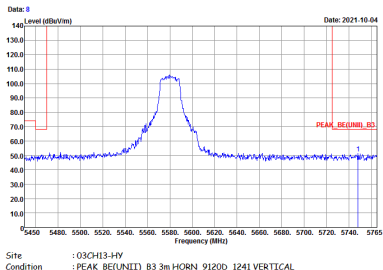


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : 09CH13-FV Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
4	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site: :09CH13-FV Condition: :PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL</p>	Left blank



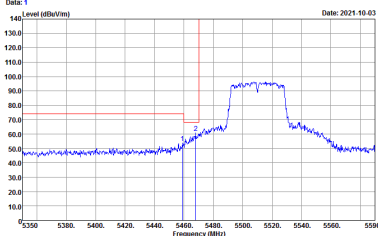
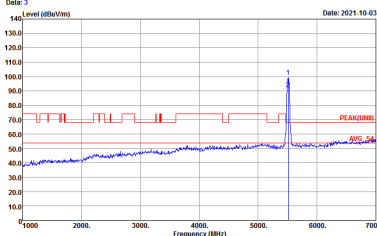
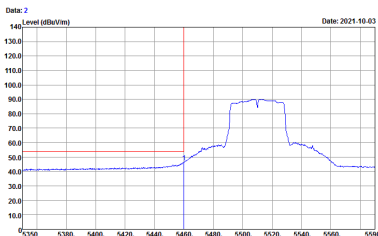
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
4	Horizontal	Fundamental
Peak	<p>Site : :03CH13-HV Condition : -PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : :03CH13-HV Condition : -PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL</p>



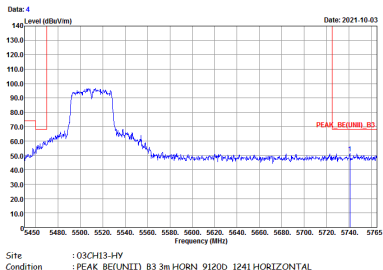
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
4	Vertical	Fundamental
Peak.	<p>Site : 03CH13-HV Condition : -PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL</p>	<p>Site : 03CH13-HV Condition : -PEAK(LINE) 3m HORN_91200_1241 VERTICAL</p>



**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	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank

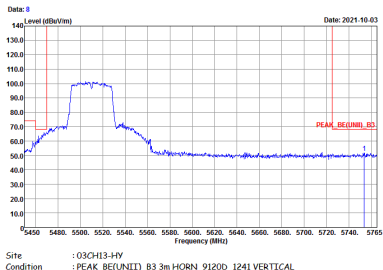


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : :09CH13-FV Condition : :PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
4	Vertical	Fundamental
Peak	<p>Date: 5 Date: 2021-10-03</p> <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	<p>Date: 7 Date: 2021-10-03</p> <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	<p>Date: 6 Date: 2021-10-03</p> <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank

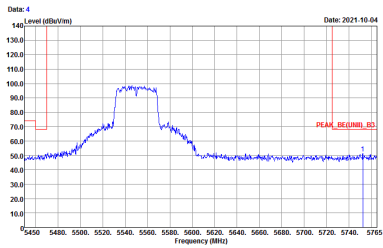


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
4	Vertical	Fundamental
Peak		Left blank

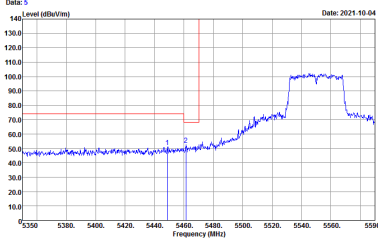
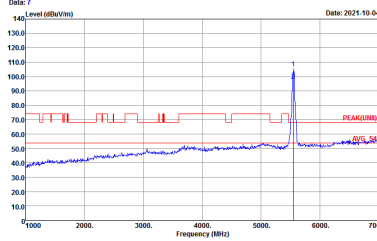
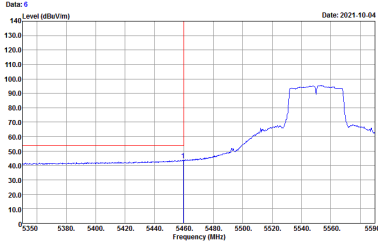


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
4	Horizontal	Fundamental
Peak	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for Peak Horizontal. The plot shows a signal level around 50 dBuV/m from 5350 to 5460 MHz, rising to about 90 dBuV/m between 5470 and 5550 MHz, and then falling. A red vertical line is at 5460 MHz. The date is 2021-10-04.</p> <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for Peak Fundamental. The plot shows a signal level around 50 dBuV/m from 1000 to 5500 MHz, with a sharp peak at approximately 5550 MHz reaching about 100 dBuV/m. A red vertical line is at 5550 MHz. The date is 2021-10-04.</p> <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	<p>Graph showing Level (dBuV/m) vs Frequency (MHz) for Avg Horizontal. The plot shows a signal level around 50 dBuV/m from 5350 to 5460 MHz, rising to about 85 dBuV/m between 5470 and 5550 MHz, and then falling. A red vertical line is at 5460 MHz. The date is 2021-10-04.</p> <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : 09CH13-FV Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank

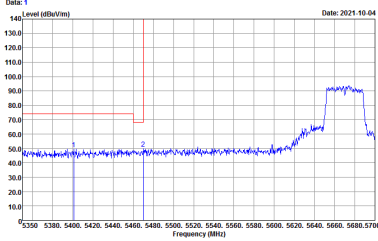
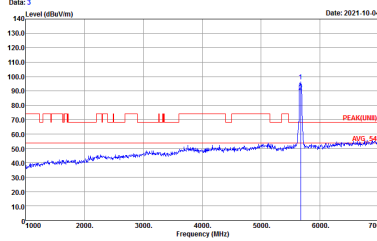
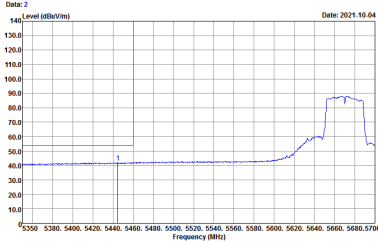


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank

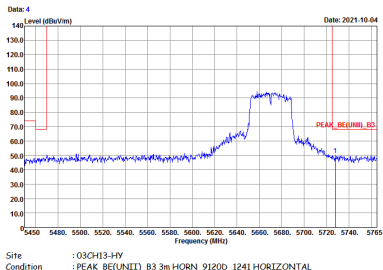


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
4	Vertical	Fundamental
Peak	<p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Date: 2021.10.04</p> <p>PEAK_B3(CH110)_B3</p> <p>Site : :09CH13-FV Condition : :PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL</p>	Left blank

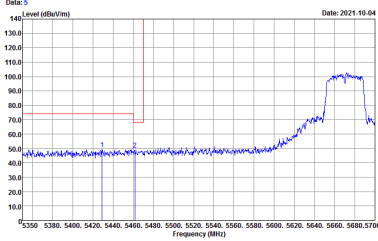
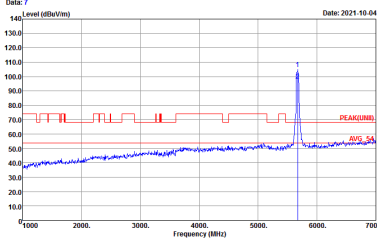
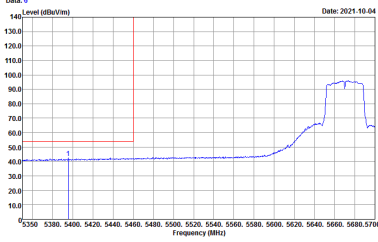


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

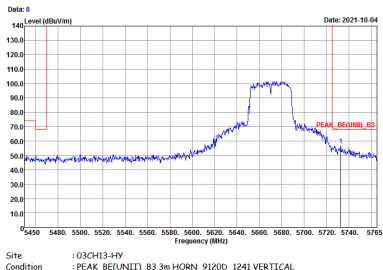


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : :09CH13-FV Condition : :PEAK_BE[UNIT]_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



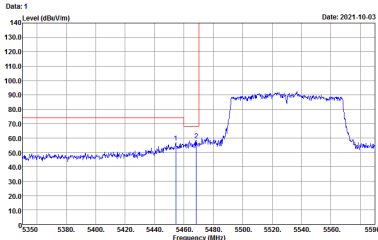
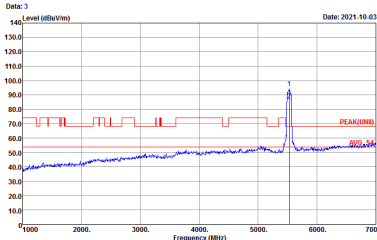
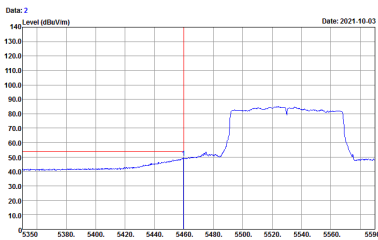
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank



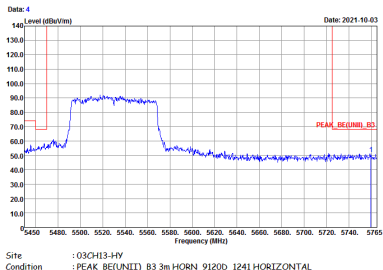
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
4	Vertical	Fundamental
Peak		Left blank



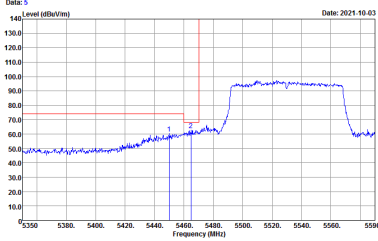
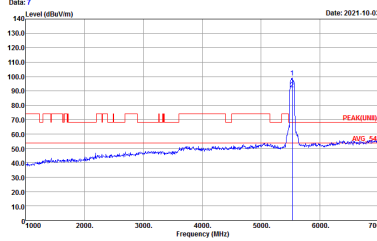
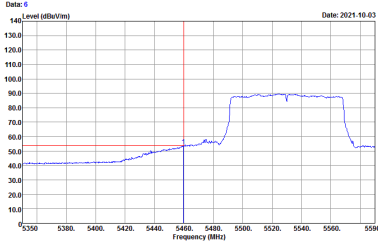
**Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : :09CH13-FV Condition : :PEAK_BE[UNIT]_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank

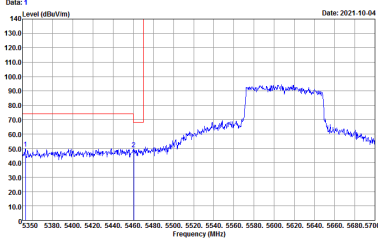
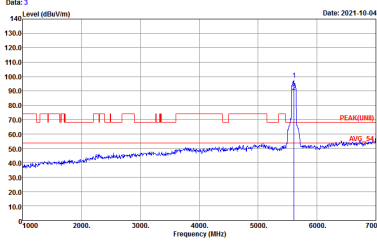
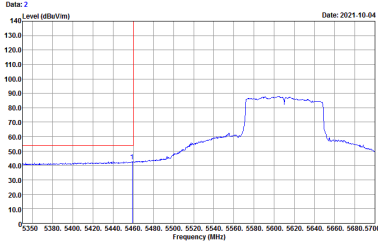


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank

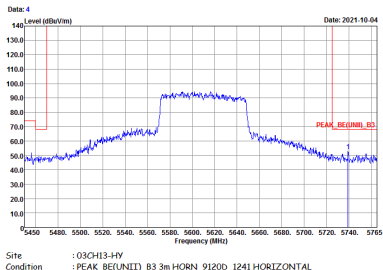


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
4	Vertical	Fundamental
Peak		Left blank

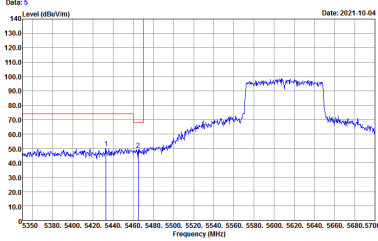
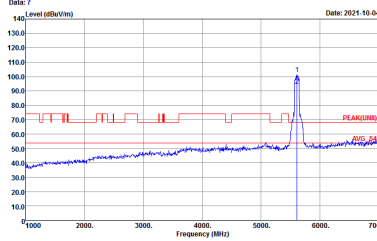
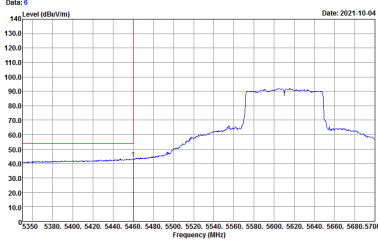


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
4	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 HORIZONTAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 HORIZONTAL</p>	Left blank

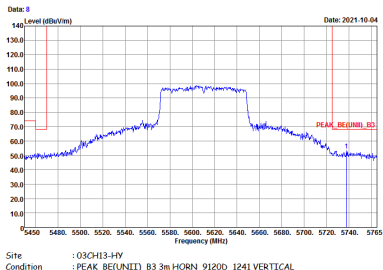


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
4	Horizontal	Fundamental
Peak	 <p>Site : :09CH13-FV Condition : :PEAK_BE[UNIT]_B3 3m HORN_91200_1241 HORIZONTAL</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
4	Vertical	Fundamental
Peak	 <p>Site: :09CH13-FV Condition: :PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL</p>	Left blank



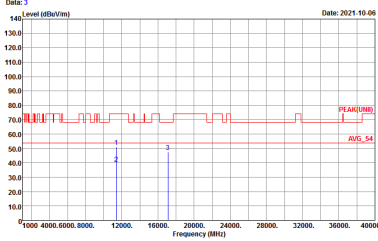
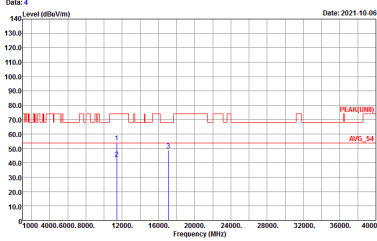
Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Data: 3 Date: 2021-10-06</p> <p>Site : 03CH13-HY Condition : PEAK(UWB) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Data: 4 Date: 2021-10-06</p> <p>Site : 03CH13-HY Condition : PEAK(UWB) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
4	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



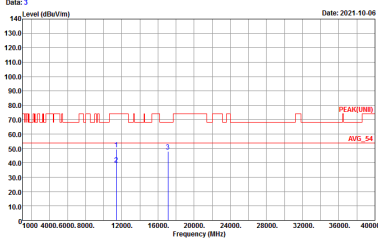
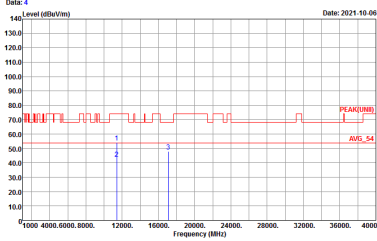
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



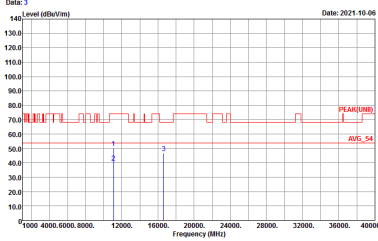
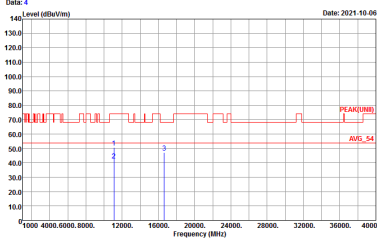
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
4	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



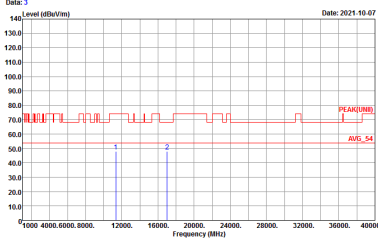
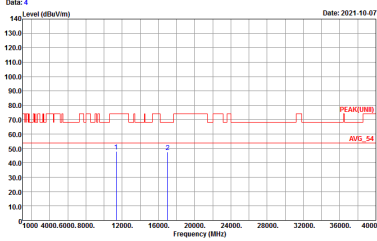
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

Table with 2 columns: WIFI, ANT and 2 sub-columns: Horizontal, Vertical. It contains two spectral plots showing Level (dBm/m) vs Frequency (MHz) for peak and average values.



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
4	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 05CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 05CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
4	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : -PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL</p>



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

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
4	Horizontal	Vertical
QP / Peak	<p>Data: 1 Level (dBu/V/m)</p> <p>Date: 2021-10-07</p> <p>Site : 03CH13-HY Condition : QP-3m-BLLOG_40103 HORIZONTAL</p>	<p>Data: 2 Level (dBu/V/m)</p> <p>Date: 2021-10-07</p> <p>Site : 03CH13-HY Condition : QP-3m-BLLOG_40103 VERTICAL</p>



Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
802.11a	98.10	-	-	10Hz
5GHz 802.11n HT20	98.12	-	-	10Hz
5GHz 802.11n HT40	94.39	925.0	1.08	3kHz
5GHz 802.11ac VHT80	92.79	463.9	2.16	3kHz

