



FCC RADIO TEST REPORT

FCC ID : 2AGOZ-K29W
Equipment : Media Receiver
Brand Name : FACEBOOK
Model Name : WT74BL
Applicant : Facebook Technologies, LLC
1 Hacker Way, Menlo Park, CA 94025, USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Mar. 24, 2021 and testing was started from Mar. 30, 2021 and completed on Apr. 29, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR130215D	01	Initial issue of report	May 18, 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 1.22 dB at 5457.280 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 15.13 dB at 0.152 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

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

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac.

Product Specification subjective to this standard	
Antenna Type	WLAN <Ant. 1>: PIFA Antenna <Ant. 2>: PIFA Antenna Bluetooth: PIFA Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	<Ant. 1>: 6.1 dBi <Ant. 2>: 5.7 dBi
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	<Ant. 1>: 6.1 dBi <Ant. 2>: 5.8 dBi
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	<Ant. 1>: 5.9 dBi <Ant. 2>: 5.8 dBi

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, 03CH07-HY, DFS02-HY

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

FCC designation No.: TW1190

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.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.
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, pre-scanned in two config (Panel Setting Tilt and Panel Setting Upright). The worst cases (Panel Setting Upright) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

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

2.2 Test Mode

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

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + Camera + Portable Device (USB Type C Charging) + AC Adapter 1
Remark: For Radiated Test Cases, the tests were performed with Adapter 1.	

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

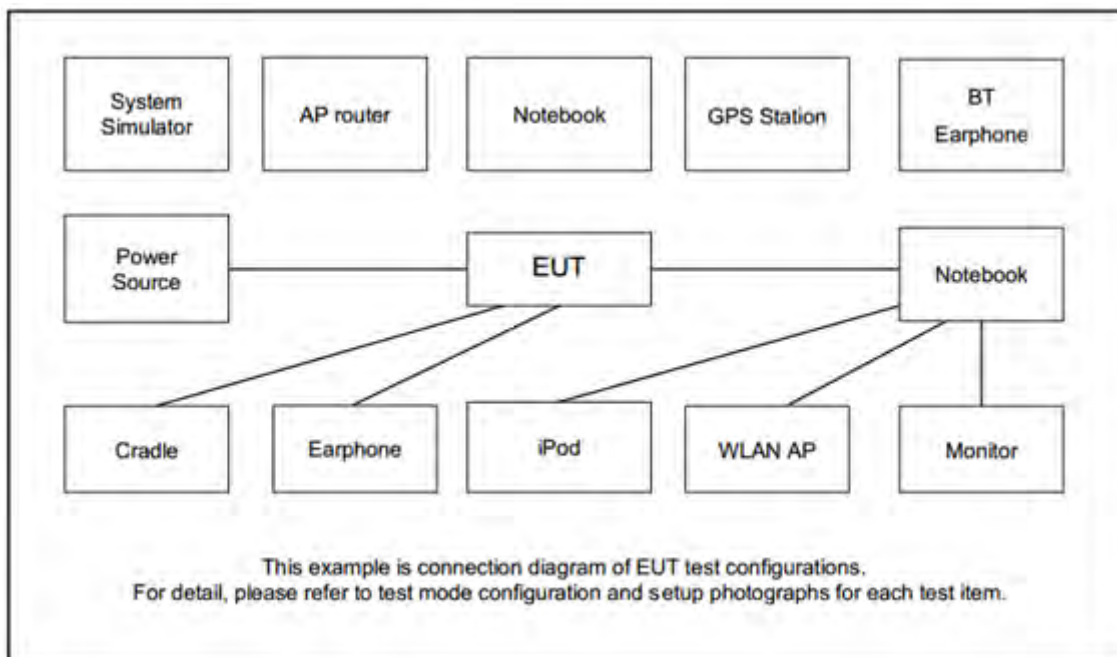
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

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

2.3 Connection Diagram of Test System



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 E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Phone	SAMSUNG	SM-A730F/DS	A3LSMA730F	Shielded, 1.0m	N/A



2.5 EUT Operation Test Setup

The RF test items, utility "QRCT 4 Version4.0.00147.0" 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.

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

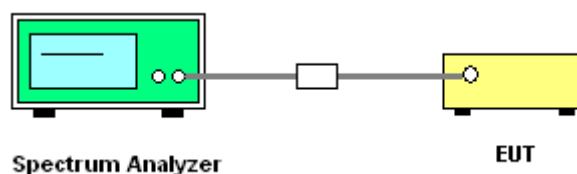
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

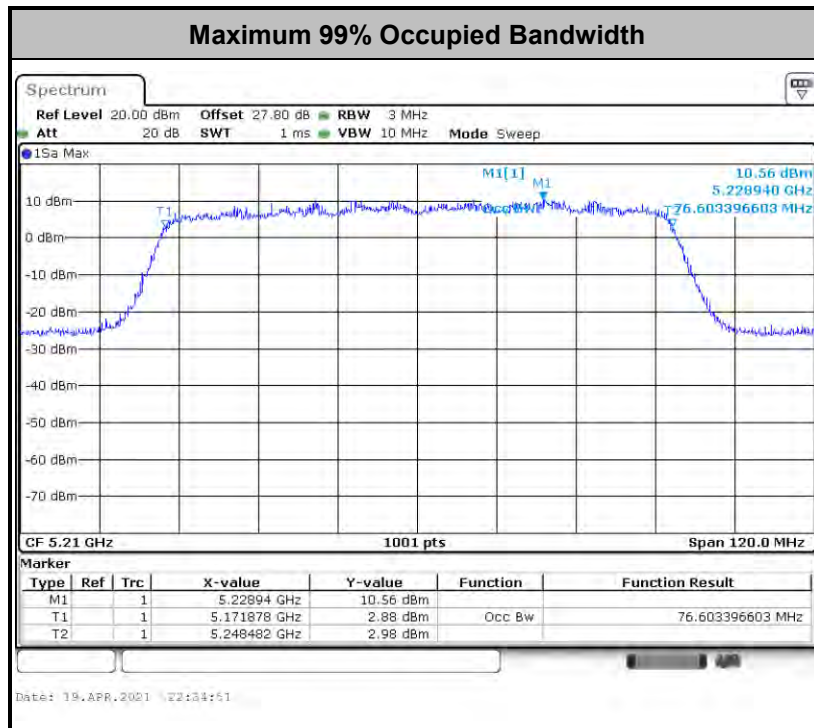
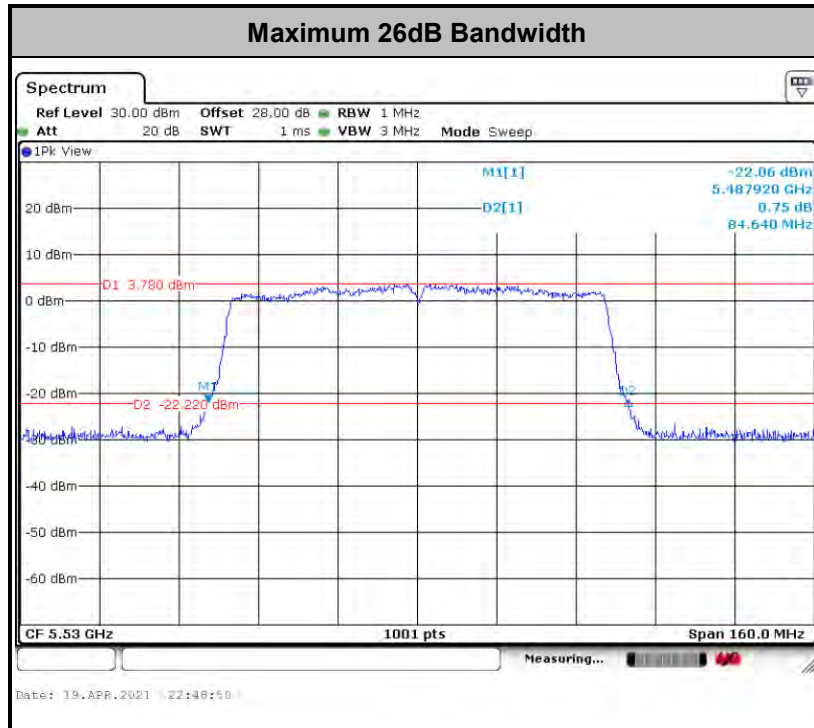
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

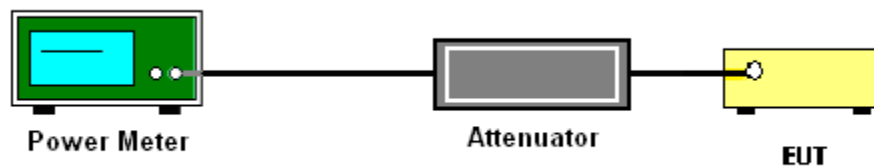
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-3

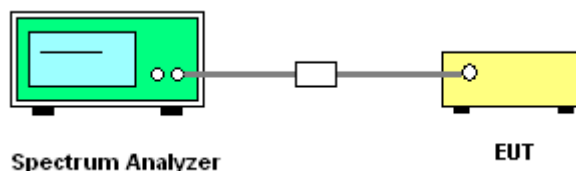
(power averaging (rms) detection with max hold):

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time $\leq$ (number of points in sweep) $\times$ T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Detector = power averaging (rms).
 - Trace mode = max hold.
 - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

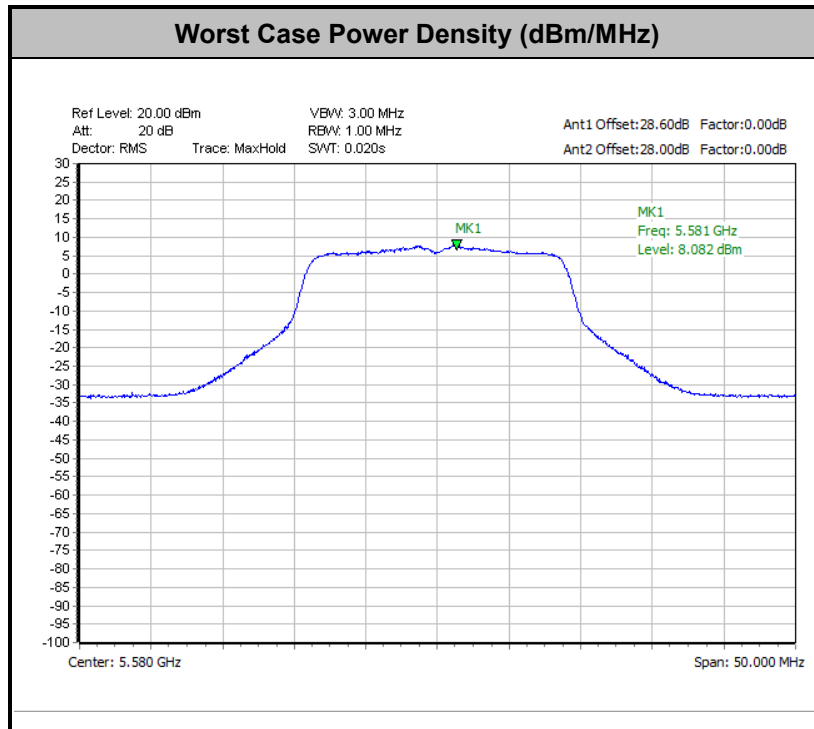
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

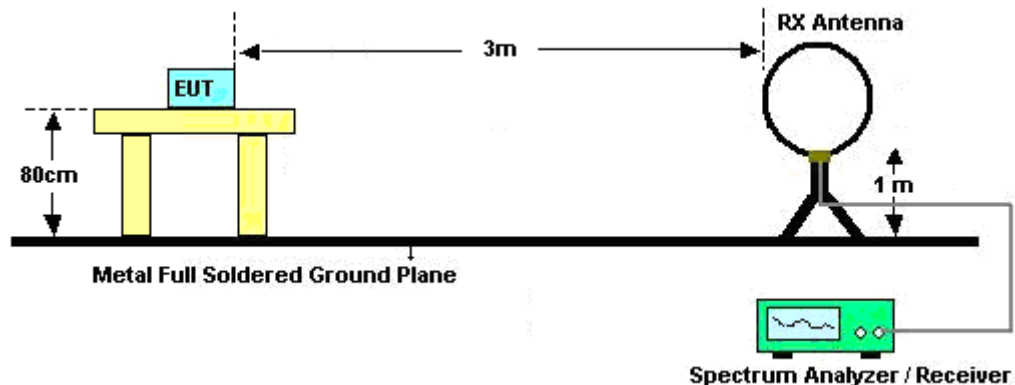
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

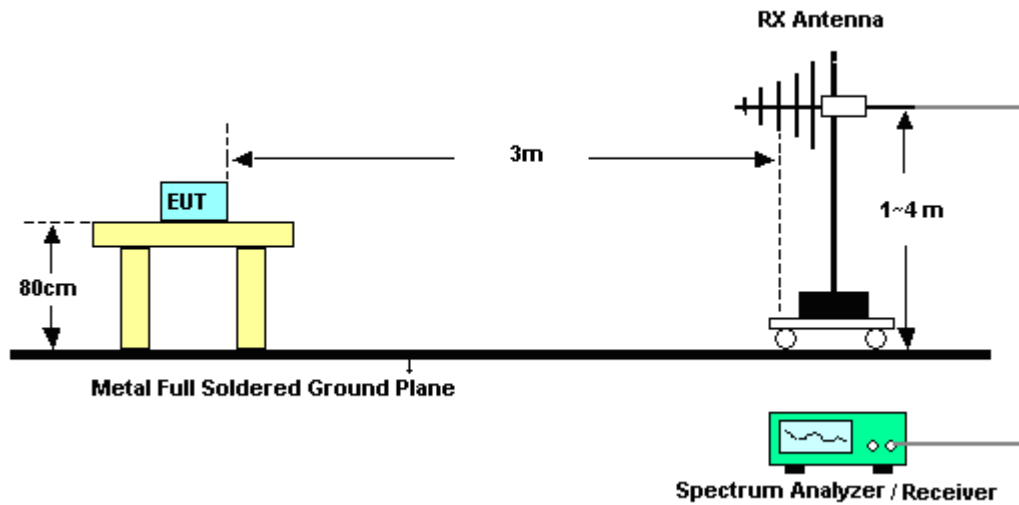
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1 GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

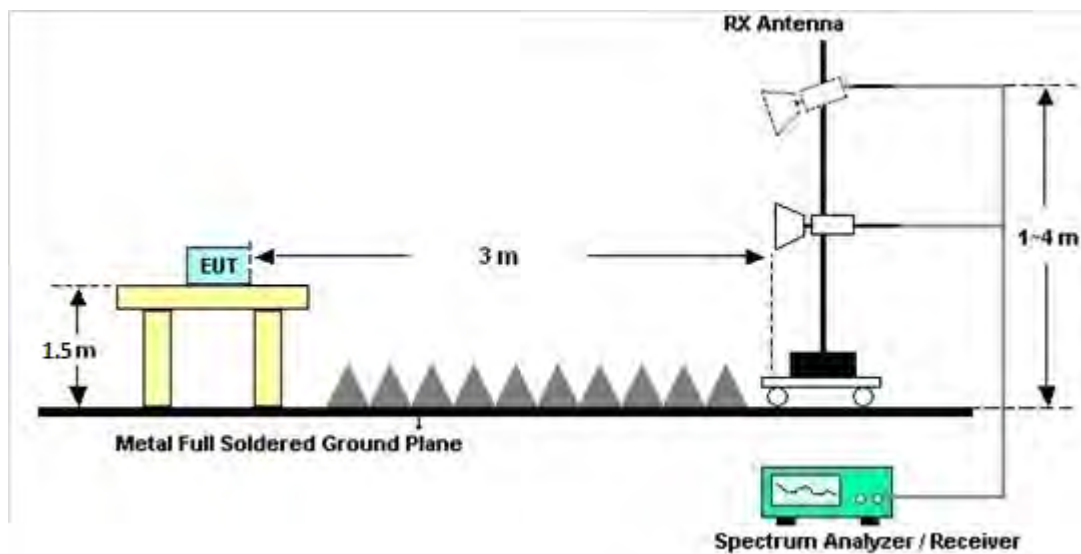
For radiated emissions below 30MHz



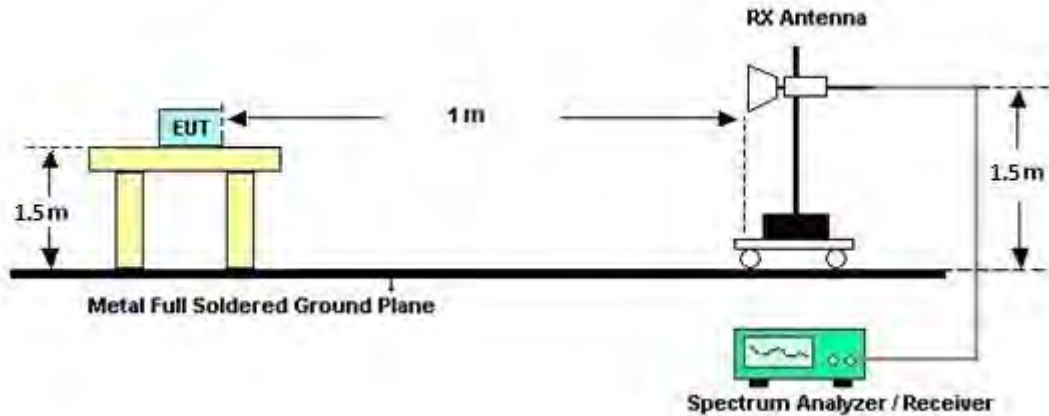
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

Frequency of emission (MHz)	Conducted limit (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.

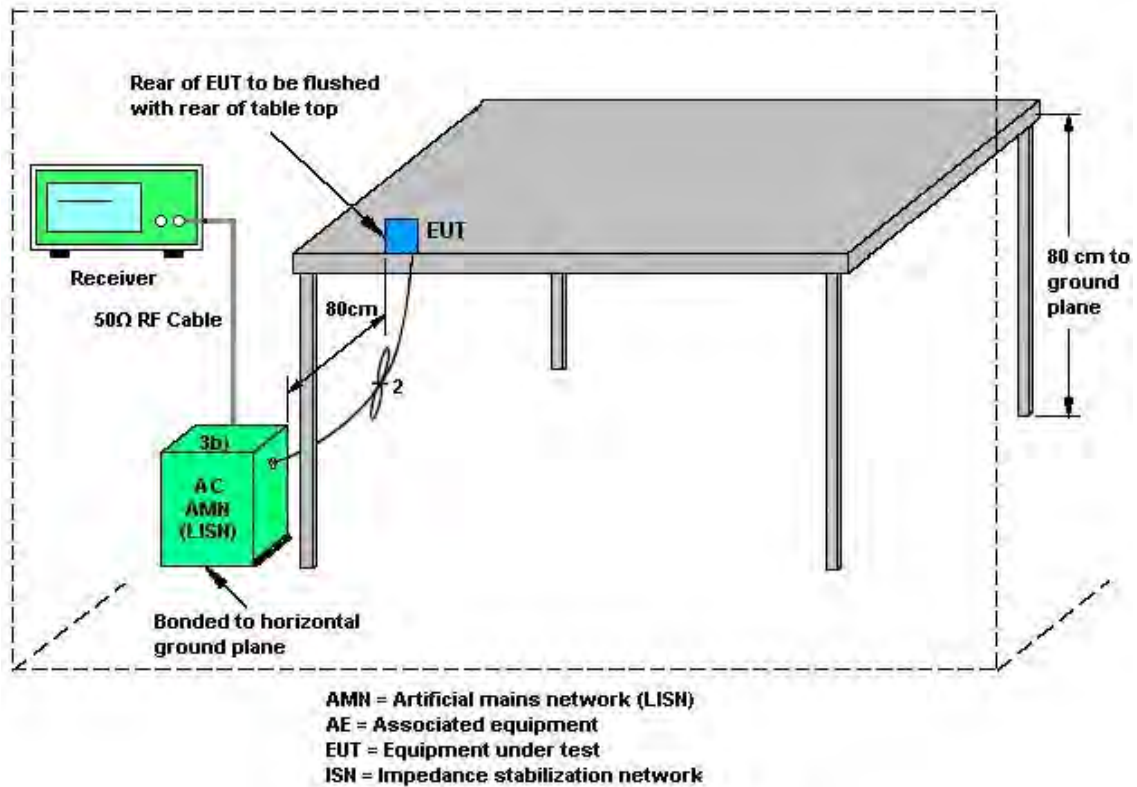
3.5.2 Measuring Instruments

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 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

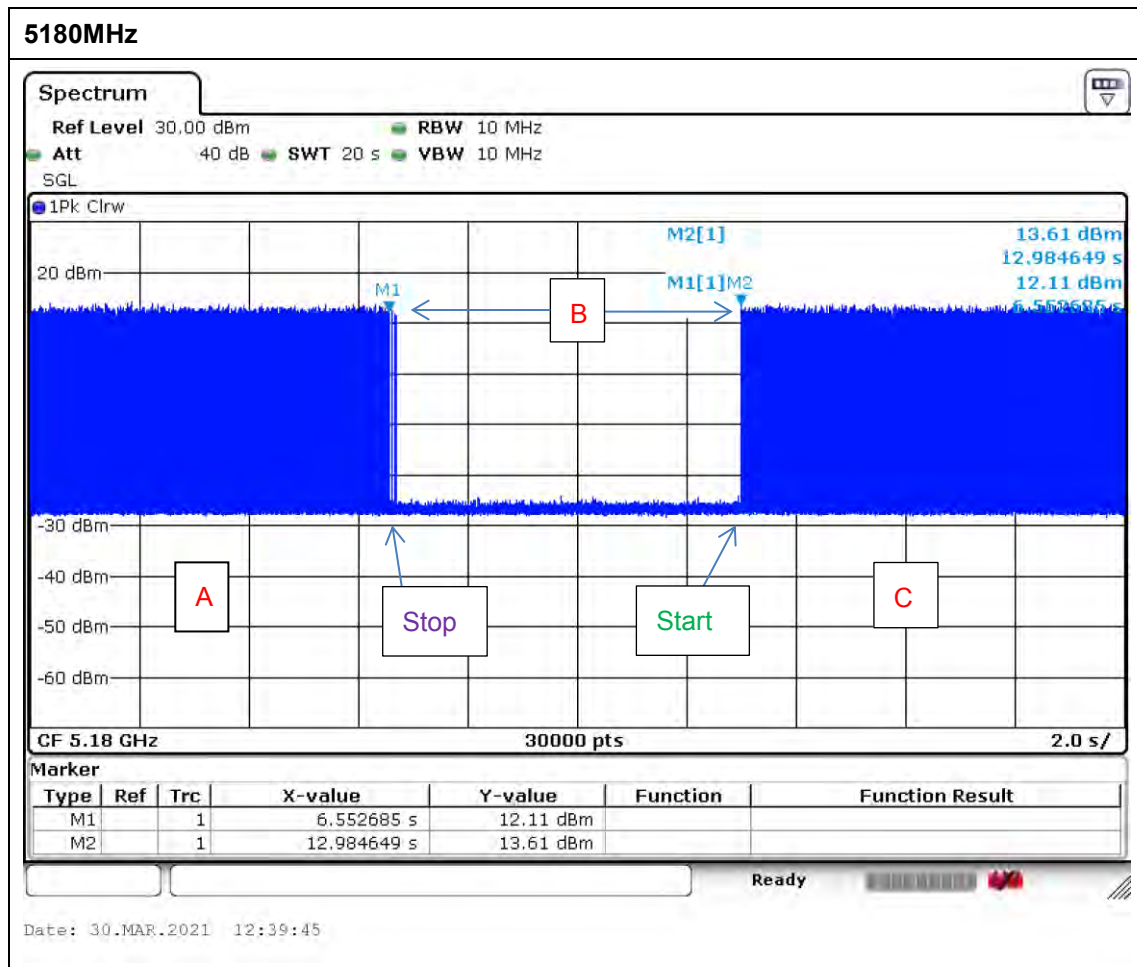
EUT is verified this characteristic during the function check of normal sample associated with an access point:

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

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

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

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



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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	6.10	5.70	6.10	8.91	0.10	2.91
Band II	6.10	5.80	6.10	8.96	0.10	2.96
Band III	5.90	5.80	5.90	8.86	0.00	2.86

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

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Apr. 02, 2021~ Apr. 27, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 29, 2020	Apr. 02, 2021~ Apr. 27, 2021	Apr. 28, 2021	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Apr. 02, 2021~ Apr. 27, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 251	18GHz~40GHz	Dec. 02, 2020	Apr. 02, 2021~ Apr. 27, 2021	Dec. 01, 2021	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 19, 2020	Apr. 02, 2021~ Apr. 27, 2021	May 18, 2021	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 23, 2020	Apr. 02, 2021~ Apr. 17, 2021	Apr. 22, 2021	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Apr. 27, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A023 62	1GHz~26.5GHz	Oct. 31, 2020	Apr. 02, 2021~ Apr. 27, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 31, 2020	Apr. 02, 2021~ Apr. 27, 2021	Jul. 30, 2021	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A (MXE)	MY532900 53	20Hz~26.5GHz	May 21, 2020	Apr. 02, 2021~ Apr. 27, 2021	May 20, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY523502 76	3Hz~44GHz	Jun. 09, 2020	Apr. 02, 2021~ Apr. 27, 2021	Jun. 08, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682- 4	30MHz to 18GHz	Feb. 24, 2021	Apr. 02, 2021~ Apr. 27, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971- 4	9kHz to 18GHz	Feb. 24, 2021	Apr. 02, 2021~ Apr. 27, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655- 4	9kHz to 18GHz	Feb. 24, 2021	Apr. 02, 2021~ Apr. 27, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2, 801606/2	18GHz~40GHz	Feb. 24, 2021	Apr. 02, 2021~ Apr. 27, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/12 6E	30MHz~18GHz	Sep. 18, 2020	Apr. 02, 2021~ Apr. 27, 2021	Sep. 17, 2021	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Apr. 02, 2021~ Apr. 27, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Apr. 02, 2021~ Apr. 27, 2021	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Apr. 02, 2021~ Apr. 27, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB24 95	N/A	N/A	Apr. 02, 2021~ Apr. 27, 2021	N/A	Radiation (03CH07-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV30	100895	9kHz~30GHz	May 29, 2020	Mar. 30, 2021	May 28, 2021	DFS (DFS02-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 16, 2020	Apr. 01, 2021~ Apr. 29, 2021	Dec. 15, 2021	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Apr. 01, 2021~ Apr. 29, 2021	Jul. 21, 2021	Conducted (TH02-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Apr. 01, 2021~ Apr. 29, 2021	Mar. 16, 2022	Conducted (TH02-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Mar. 31, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Mar. 31, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Mar. 31, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Mar. 31, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 31, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Feb. 25, 2021	Mar. 31, 2021	Feb. 24, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Mar. 31, 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
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Junyu Jhou	Temperature:	22.4~22.9	°C
Test Date:	2021/4/1~2021/4/29	Relative Humidity:	49.8~57.2	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	16.73	16.63	25.15	24.50	-		22.21		
11a	6Mbps	2	44	5220	16.73	16.68	24.40	23.65	-		22.22		
11a	6Mbps	2	48	5240	16.73	16.63	24.30	24.00	-		22.21		
VHT20	MCS0	2	36	5180	17.78	17.88	25.50	25.30	-		22.50		
VHT20	MCS0	2	44	5220	17.83	17.83	25.60	25.30	-		22.51		
VHT20	MCS0	2	48	5240	17.88	17.78	25.95	24.45	-		22.50		
VHT40	MCS0	2	38	5190	36.46	36.46	42.30	42.21	-		23.01		
VHT40	MCS0	2	46	5230	36.66	36.56	41.94	42.30	-		23.01		
VHT80	MCS0	2	42	5210	76.48	76.60	83.84	84.32	-		23.01		

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	14.60	13.90	17.27	23.90		6.10			Pass
11a	6Mbps	2	44	5220	14.70	13.50	17.15	23.90		6.10			Pass
11a	6Mbps	2	48	5240	14.70	13.60	17.20	23.90		6.10			Pass
HT20	MCS0	2	36	5180	14.30	13.80	17.07	23.90		6.10			Pass
HT20	MCS0	2	44	5220	15.00	13.80	17.45	23.90		6.10			Pass
HT20	MCS0	2	48	5240	14.80	13.90	17.38	23.90		6.10			Pass
HT40	MCS0	2	38	5190	15.30	14.20	17.80	23.90		6.10			Pass
HT40	MCS0	2	46	5230	17.50	16.10	19.87	23.90		6.10			Pass
VHT20	MCS0	2	36	5180	14.40	13.90	17.17	23.90		6.10			Pass
VHT20	MCS0	2	44	5220	15.10	13.90	17.55	23.90		6.10			Pass
VHT20	MCS0	2	48	5240	14.90	14.00	17.48	23.90		6.10			Pass
VHT40	MCS0	2	38	5190	15.40	14.30	17.90	23.90		6.10			Pass
VHT40	MCS0	2	46	5230	17.60	16.20	19.97	23.90		6.10			Pass
VHT80	MCS0	2	42	5210	14.70	13.90	17.33	23.90		6.10			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180			8.04	8.09	8.91			Pass	
11a	6Mbps	2	44	5220			7.79	8.09	8.91			Pass	
11a	6Mbps	2	48	5240			7.81	8.09	8.91			Pass	
VHT20	MCS0	2	36	5180			7.86	8.09	8.91			Pass	
VHT20	MCS0	2	44	5220			8.05	8.09	8.91			Pass	
VHT20	MCS0	2	48	5240			8.00	8.09	8.91			Pass	
VHT40	MCS0	2	38	5190			5.21	8.09	8.91			Pass	
VHT40	MCS0	2	46	5230			6.95	8.09	8.91			Pass	
VHT80	MCS0	2	42	5210			1.90	8.09	8.91			Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.68	16.68	24.25	23.75	23.22		29.22		23.98		
11a	6Mbps	2	60	5300	16.73	16.63	24.05	23.90	23.21		29.21		23.98		
11a	6Mbps	2	64	5320	16.68	16.63	24.45	23.90	23.21		29.21		23.98		
VHT20	MCS0	2	52	5260	17.98	17.78	26.25	25.00	23.50		29.50		23.98		
VHT20	MCS0	2	60	5300	17.88	17.88	25.30	25.05	23.52		29.52		23.98		
VHT20	MCS0	2	64	5320	17.93	17.88	26.20	25.45	23.52		29.52		23.98		
VHT40	MCS0	2	54	5270	36.46	36.46	42.12	42.12	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	36.66	36.56	42.03	42.21	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.36	76.36	83.04	84.48	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	15.10	13.90	17.55	23.88		6.10		26.99	Pass
11a	6Mbps	2	60	5300	14.80	13.50	17.21	23.88		6.10		26.99	Pass
11a	6Mbps	2	64	5320	14.90	13.60	17.31	23.88		6.10		26.99	Pass
HT20	MCS0	2	52	5260	14.50	13.30	16.95	23.88		6.10		26.99	Pass
HT20	MCS0	2	60	5300	14.50	13.30	16.95	23.88		6.10		26.99	Pass
HT20	MCS0	2	64	5320	14.70	13.50	17.15	23.88		6.10		26.99	Pass
HT40	MCS0	2	54	5270	18.00	16.90	20.50	23.88		6.10		26.99	Pass
HT40	MCS0	2	62	5310	14.10	12.20	16.26	23.88		6.10		26.99	Pass
VHT20	MCS0	2	52	5260	14.60	13.40	17.05	23.88		6.10		26.99	Pass
VHT20	MCS0	2	60	5300	14.60	13.40	17.05	23.88		6.10		26.99	Pass
VHT20	MCS0	2	64	5320	14.80	13.60	17.25	23.88		6.10		26.99	Pass
VHT40	MCS0	2	54	5270	18.00	17.00	20.54	23.88		6.10		26.99	Pass
VHT40	MCS0	2	62	5310	14.20	12.30	16.36	23.88		6.10		26.99	Pass
VHT80	MCS0	2	58	5290	12.60	11.30	15.01	23.88		6.10		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260			7.98	8.04	8.96		Pass		
11a	6Mbps	2	60	5300			7.80	8.04	8.96		Pass		
11a	6Mbps	2	64	5320			7.73	8.04	8.96		Pass		
VHT20	MCS0	2	52	5260			7.55	8.04	8.96		Pass		
VHT20	MCS0	2	60	5300			7.49	8.04	8.96		Pass		
VHT20	MCS0	2	64	5320			7.88	8.04	8.96		Pass		
VHT40	MCS0	2	54	5270			7.56	8.04	8.96		Pass		
VHT40	MCS0	2	62	5310			3.94	8.04	8.96		Pass		
VHT80	MCS0	2	58	5290			-0.18	8.04	8.96		Pass		

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.73	16.68	24.70	23.95	23.22		29.22		23.98		----	----
11a	6Mbps	2	116	5580	16.73	16.63	24.65	24.75	23.21		29.21		23.98		----	----
11a	6Mbps	2	140	5700	16.78	16.63	24.25	24.60	23.21		29.21		23.98		----	----
VHT20	MCS0	2	100	5500	17.88	17.78	25.80	25.10	23.50		29.50		23.98		----	----
VHT20	MCS0	2	116	5580	17.88	17.93	25.55	25.10	23.52		29.52		23.98		----	----
VHT20	MCS0	2	140	5700	17.83	17.83	25.45	25.55	23.51		29.51		23.98		----	----
VHT40	MCS0	2	102	5510	36.46	36.46	42.21	41.94	23.98		30.00		23.98		----	----
VHT40	MCS0	2	110	5550	36.56	36.36	42.03	41.85	23.98		30.00		23.98		----	----
VHT40	MCS0	2	134	5670	36.56	36.56	42.39	41.85	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	76.48	76.48	83.68	84.64	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	76.48	76.36	84.16	84.32	23.98		30.00		23.98		----	----

Band III straddle channel MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	13.39	13.34	17.15	16.80	22.25		28.25		23.25		1.9	2.55
VHT20	MCS0	2	144	5720	13.94	13.94	17.75	17.75	22.44		28.44		23.49		2.5	3.35
VHT40	MCS0	2	142	5710	33.28	33.28	35.79	36.24	23.98		30.00		23.98		3.09	2.55
VHT80	MCS0	2	138	5690	73.00	73.12	76.92	76.92	23.98		30.00		23.98		2.6	2.6

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	14.70	14.10	17.42	23.98		5.90		26.99	Pass
11a	6Mbps	2	116	5580	14.40	13.60	17.03	23.98		5.90		26.99	Pass
11a	6Mbps	2	140	5700	14.60	14.40	17.51	23.98		5.90		26.99	Pass
HT20	MCS0	2	100	5500	14.50	14.10	17.31	23.98		5.90		26.99	Pass
HT20	MCS0	2	116	5580	14.70	13.80	17.28	23.98		5.90		26.99	Pass
HT20	MCS0	2	140	5700	14.50	14.20	17.36	23.98		5.90		26.99	Pass
HT40	MCS0	2	102	5510	16.50	15.40	19.00	23.98		5.90		26.99	Pass
HT40	MCS0	2	110	5550	17.80	16.70	20.30	23.98		5.90		26.99	Pass
HT40	MCS0	2	134	5670	18.20	17.30	20.78	23.98		5.90		26.99	Pass
VHT20	MCS0	2	100	5500	14.60	14.20	17.41	23.98		5.90		26.99	Pass
VHT20	MCS0	2	116	5580	14.80	13.90	17.38	23.98		5.90		26.99	Pass
VHT20	MCS0	2	140	5700	14.60	14.30	17.46	23.98		5.90		26.99	Pass
VHT40	MCS0	2	102	5510	16.60	15.50	19.10	23.98		5.90		26.99	Pass
VHT40	MCS0	2	110	5550	18.40	17.30	20.90	23.98		5.90		26.99	Pass
VHT40	MCS0	2	134	5670	18.20	17.60	20.92	23.98		5.90		26.99	Pass
VHT80	MCS0	2	106	5530	13.50	12.70	16.13	23.98		5.90		26.99	Pass
VHT80	MCS0	2	122	5610	18.30	17.60	20.97	23.98		5.90		26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	14.80	14.20	17.52	23.25		5.90		26.99	Pass
HT20	MCS0	2	144	5720	14.50	14.00	17.27	23.98		5.90		26.99	Pass
HT40	MCS0	2	142	5710	17.90	17.50	20.71	23.98		5.90		26.99	Pass
VHT20	MCS0	2	144	5720	14.60	14.10	17.37	23.49		5.90		26.99	Pass
VHT40	MCS0	2	142	5710	17.90	17.60	20.76	23.98		5.90		26.99	Pass
VHT80	MCS0	2	138	5690	18.10	17.50	20.82	23.98		5.90		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500			7.89	8.14	8.86			Pass	
11a	6Mbps	2	116	5580			7.70	8.14	8.86			Pass	
11a	6Mbps	2	140	5700			7.98	8.14	8.86			Pass	
VHT20	MCS0	2	100	5500			7.73	8.14	8.86			Pass	
VHT20	MCS0	2	116	5580			8.08	8.14	8.86			Pass	
VHT20	MCS0	2	140	5700			7.75	8.14	8.86			Pass	
VHT40	MCS0	2	102	5510			6.16	8.14	8.86			Pass	
VHT40	MCS0	2	110	5550			7.96	8.14	8.86			Pass	
VHT40	MCS0	2	134	5670			7.91	8.14	8.86			Pass	
VHT80	MCS0	2	106	5530			0.84	8.14	8.86			Pass	
VHT80	MCS0	2	122	5610			6.06	8.14	8.86			Pass	

Band III straddle channel MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720				7.99	8.14	8.86			Pass
VHT20	MCS0	2	144	5720				7.99	8.14	8.86			Pass
VHT40	MCS0	2	142	5710				7.95	8.14	8.86			Pass
VHT80	MCS0	2	138	5690				5.99	8.14	8.86			Pass



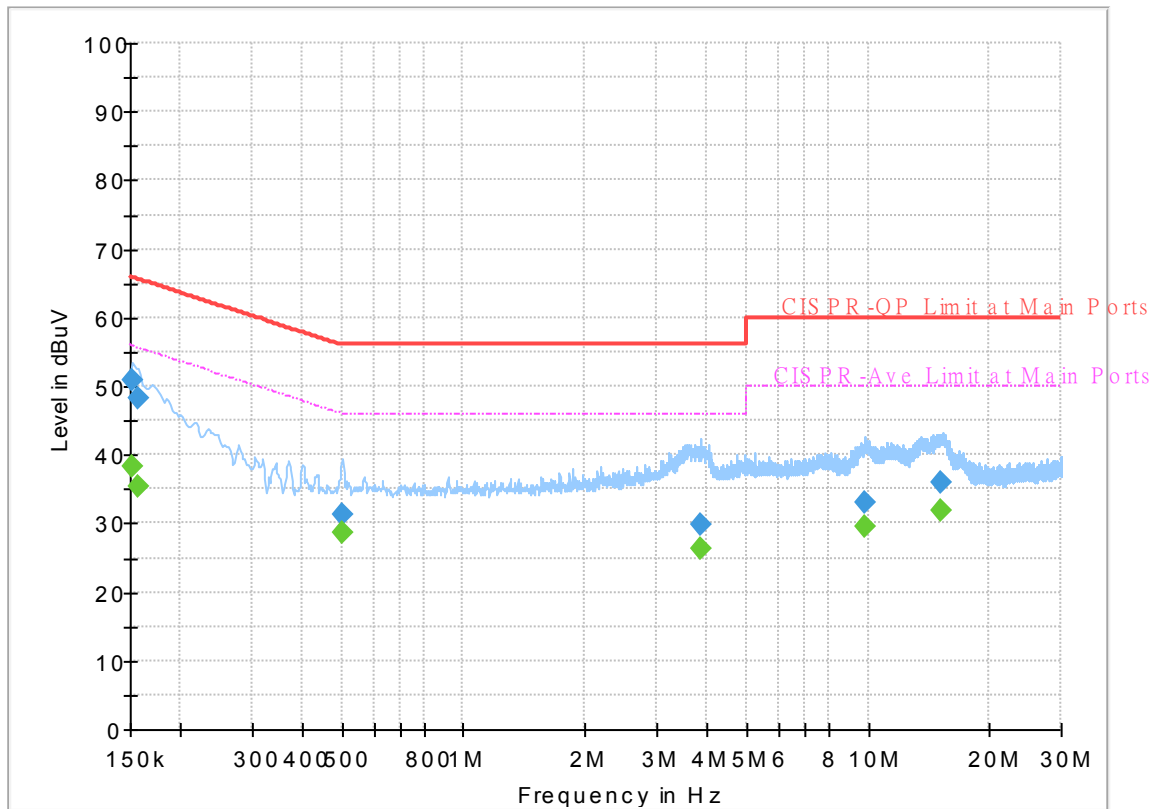
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO : 130215
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



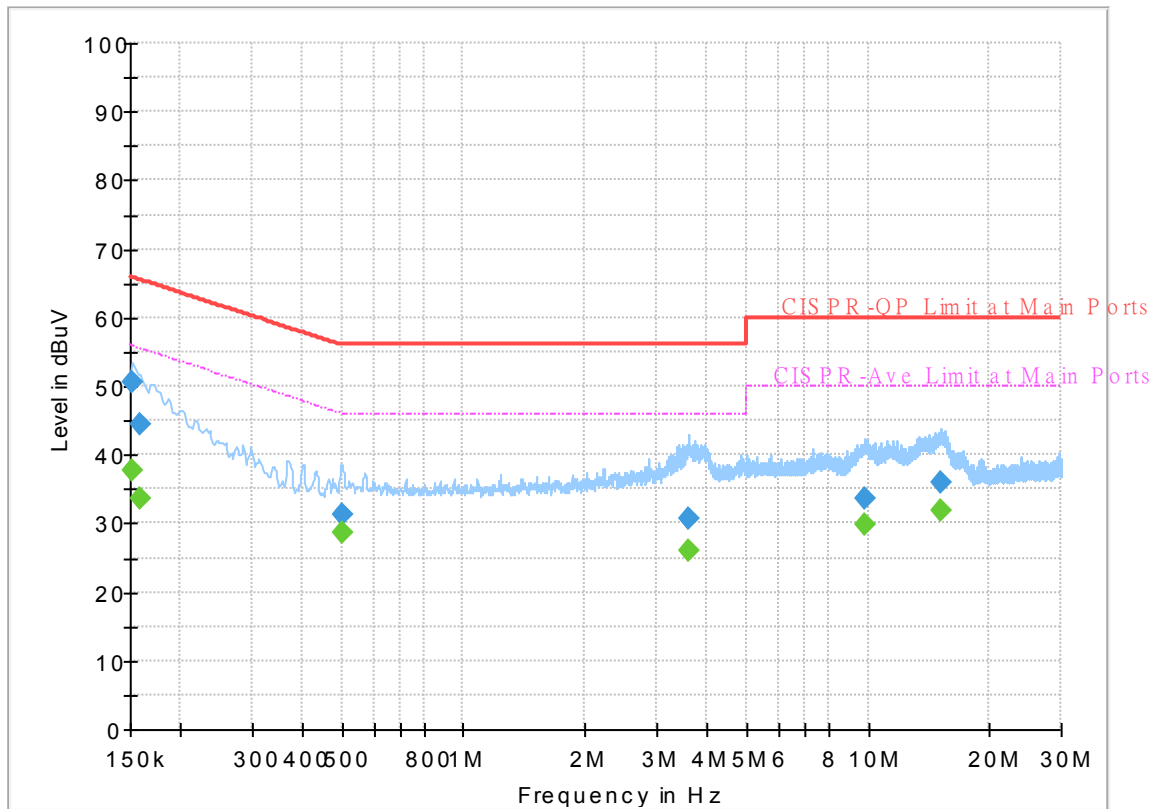
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	38.33	55.88	17.55	L1	OFF	19.7
0.152250	50.75	---	65.88	15.13	L1	OFF	19.7
0.156750	---	35.44	55.63	20.19	L1	OFF	19.7
0.156750	48.11	---	65.63	17.52	L1	OFF	19.7
0.501000	---	28.73	46.00	17.27	L1	OFF	19.9
0.501000	31.42	---	56.00	24.58	L1	OFF	19.9
3.842250	---	26.32	46.00	19.68	L1	OFF	20.1
3.842250	29.80	---	56.00	26.20	L1	OFF	20.1
9.793500	---	29.67	50.00	20.33	L1	OFF	20.2
9.793500	33.18	---	60.00	26.82	L1	OFF	20.2
15.137250	---	31.89	50.00	18.11	L1	OFF	20.4
15.137250	36.01	---	60.00	23.99	L1	OFF	20.4

EUT Information

Report NO : 130215
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	---	37.74	55.88	18.14	N	OFF	19.7
0.152250	50.46	---	65.88	15.42	N	OFF	19.7
0.159000	---	33.51	55.52	22.01	N	OFF	19.7
0.159000	44.33	---	65.52	21.19	N	OFF	19.7
0.501000	---	28.57	46.00	17.43	N	OFF	19.9
0.501000	31.22	---	56.00	24.78	N	OFF	19.9
3.590250	---	25.94	46.00	20.06	N	OFF	20.1
3.590250	30.57	---	56.00	25.43	N	OFF	20.1
9.818250	---	29.70	50.00	20.30	N	OFF	20.2
9.818250	33.62	---	60.00	26.38	N	OFF	20.2
15.072000	---	31.87	50.00	18.13	N	OFF	20.4
15.072000	36.07	---	60.00	23.93	N	OFF	20.4



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu and James Chiu	Temperature :	22.7~24.6°C
		Relative Humidity :	51.6~57.5%

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5150	59.44	-14.56	74	48.73	34.2	11.79	35.28	299	324	P	H
		5150	50.4	-3.6	54	39.69	34.2	11.79	35.28	299	324	A	H
	*	5180	116.29	-	-	105.46	34.27	11.83	35.27	299	324	P	H
	*	5180	108.35	-	-	97.52	34.27	11.83	35.27	299	324	A	H
													H
													H
		5147.94	58.15	-15.85	74	47.44	34.2	11.79	35.28	136	58	P	V
		5150	49.93	-4.07	54	39.22	34.2	11.79	35.28	136	58	A	V
	*	5180	113.99	-	-	103.16	34.27	11.83	35.27	136	58	P	V
	*	5180	105.67	-	-	94.84	34.27	11.83	35.27	136	58	A	V
													V
													V
802.11a CH 44 5220MHz		5144.82	49.68	-24.32	74	38.97	34.2	11.79	35.28	348	324	P	H
		5150	41.86	-12.14	54	31.15	34.2	11.79	35.28	348	324	A	H
	*	5220	115.48	-	-	104.57	34.3	11.86	35.25	348	324	P	H
	*	5220	108.05	-	-	97.14	34.3	11.86	35.25	348	324	A	H
		5371.24	49.07	-24.93	74	37.83	34.47	11.95	35.18	348	324	P	H
		5452.16	41.8	-12.2	54	30.28	34.6	12.05	35.13	348	324	A	H
		5144.82	49.41	-24.59	74	38.7	34.2	11.79	35.28	114	61	P	V
		5149.76	41.35	-12.65	54	30.64	34.2	11.79	35.28	114	61	A	V
	*	5220	113.97	-	-	103.06	34.3	11.86	35.25	114	61	P	V
	*	5220	106.01	-	-	95.1	34.3	11.86	35.25	114	61	A	V
		5366.2	49.12	-24.88	74	37.88	34.47	11.95	35.18	114	61	P	V
		5452.16	42.57	-11.43	54	31.05	34.6	12.05	35.13	114	61	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		5144	50.41	-23.59	74	39.7	34.2	11.79	35.28	342	323	P	H
		5149	41.03	-12.97	54	30.32	34.2	11.79	35.28	342	323	A	H
	*	5240	115.27	-	-	104.34	34.3	11.87	35.24	342	323	P	H
	*	5240	107.68	-	-	96.75	34.3	11.87	35.24	342	323	A	H
		5387.2	49.35	-24.65	74	38.03	34.53	11.96	35.17	342	323	P	H
		5400.08	40.32	-13.68	54	28.91	34.6	11.97	35.16	342	323	A	H
		5126.36	48.76	-25.24	74	38.08	34.2	11.77	35.29	100	57	P	V
		5150	40.1	-13.9	54	29.39	34.2	11.79	35.28	100	57	A	V
	*	5240	114.46	-	-	103.53	34.3	11.87	35.24	100	57	P	V
	*	5240	106.24	-	-	95.31	34.3	11.87	35.24	100	57	A	V
		5398.4	50.8	-23.2	74	39.4	34.6	11.97	35.17	100	57	P	V
		5350	41.52	-12.48	54	30.36	34.4	11.94	35.18	100	57	A	V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	48.17	-20.03	68.2	51.26	37.57	18.37	59.03	100	0	P	H
		15540	47.13	-26.87	74	40.47	40.27	23.16	56.77	100	0	P	H
													H
													H
		10360	46.11	-22.09	68.2	49.2	37.57	18.37	59.03	100	0	P	V
		15540	48.07	-25.93	74	41.41	40.27	23.16	56.77	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.5	-21.7	68.2	49.43	37.6	18.44	58.97	100	0	P	H
		15660	47.58	-26.42	74	40.67	40.4	23.26	56.75	100	0	P	H
													H
													H
		10440	45.96	-22.24	68.2	48.89	37.6	18.44	58.97	100	0	P	V
		15660	47.03	-26.97	74	40.12	40.4	23.26	56.75	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.83	-20.37	68.2	50.7	37.6	18.47	58.94	100	0	P	H
		15720	49.75	-24.25	74	42.57	40.62	23.3	56.74	100	0	P	H
													H
													H
		10480	45.94	-22.26	68.2	48.81	37.6	18.47	58.94	100	0	P	V
		15720	48.38	-25.62	74	41.2	40.62	23.3	56.74	100	0	P	V
													V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		5149.5	61.01	-12.99	74	50.3	34.2	11.79	35.28	335	324	P	H
		5149.76	52.44	-1.56	54	41.73	34.2	11.79	35.28	335	324	A	H
	*	5180	116.05	-	-	105.22	34.27	11.83	35.27	335	324	P	H
	*	5180	107.47	-	-	96.64	34.27	11.83	35.27	335	324	A	H
													H
													H
		5148.72	60	-14	74	49.29	34.2	11.79	35.28	128	58	P	V
		5150	52.09	-1.91	54	41.38	34.2	11.79	35.28	128	58	A	V
	*	5180	113.64	-	-	102.81	34.27	11.83	35.27	128	58	P	V
	*	5180	106.37	-	-	95.54	34.27	11.83	35.27	128	58	A	V
													V
													V
802.11ac VHT20 CH 44 5220MHz		5149.5	50.58	-23.42	74	39.87	34.2	11.79	35.28	327	322	P	H
		5148.98	42.54	-11.46	54	31.83	34.2	11.79	35.28	327	322	A	H
	*	5220	115.97	-	-	105.06	34.3	11.86	35.25	327	322	P	H
	*	5220	108.43	-	-	97.52	34.3	11.86	35.25	327	322	A	H
		5400.64	48.34	-25.66	74	36.93	34.6	11.97	35.16	327	322	P	H
		5452.16	41.69	-12.31	54	30.17	34.6	12.05	35.13	327	322	A	H
		5117	49.62	-24.38	74	38.97	34.2	11.75	35.3	100	58	P	V
		5148.98	41.71	-12.29	54	31	34.2	11.79	35.28	100	58	A	V
	*	5220	115	-	-	104.09	34.3	11.86	35.25	100	58	P	V
	*	5220	107.53	-	-	96.62	34.3	11.86	35.25	100	58	A	V
		5452.16	49.84	-24.16	74	38.32	34.6	12.05	35.13	100	58	P	V
		5451.88	42.76	-11.24	54	31.24	34.6	12.05	35.13	100	58	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 48 5240MHz		5147.94	48.58	-25.42	74	37.87	34.2	11.79	35.28	325	322	P	H
		5149.5	41.52	-12.48	54	30.81	34.2	11.79	35.28	325	322	A	H
	*	5240	115.41	-	-	104.48	34.3	11.87	35.24	325	322	P	H
	*	5240	107.9	-	-	96.97	34.3	11.87	35.24	325	322	A	H
		5383.84	48.33	-25.67	74	37.01	34.53	11.96	35.17	325	322	P	H
		5352.2	40.96	-13.04	54	29.8	34.4	11.94	35.18	325	322	A	H
		5056.42	48.26	-25.74	74	37.84	34.07	11.68	35.33	100	57	P	V
		5133.9	40.75	-13.25	54	30.07	34.2	11.77	35.29	100	57	A	V
	*	5240	115.1	-	-	104.17	34.3	11.87	35.24	100	57	P	V
	*	5240	107.56	-	-	96.63	34.3	11.87	35.24	100	57	A	V
		5453.28	50.04	-23.96	74	38.52	34.6	12.05	35.13	100	57	P	V
		5351.64	42.08	-11.92	54	30.92	34.4	11.94	35.18	100	57	A	V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		10360	48.6	-19.6	68.2	51.69	37.57	18.37	59.03	100	0	P	H
		15540	46.98	-27.02	74	40.32	40.27	23.16	56.77	100	0	P	H
													H
													H
		10360	47.04	-21.16	68.2	50.13	37.57	18.37	59.03	100	0	P	V
		15540	48.05	-25.95	74	41.39	40.27	23.16	56.77	100	0	P	V
													V
													V
802.11ac VHT20 CH 44 5220MHz		10440	48.77	-19.43	68.2	51.7	37.6	18.44	58.97	100	0	P	H
		15660	47.79	-26.21	74	40.88	40.4	23.26	56.75	100	0	P	H
													H
													H
		10440	47.68	-20.52	68.2	50.61	37.6	18.44	58.97	100	0	P	V
		15660	47.81	-26.19	74	40.9	40.4	23.26	56.75	100	0	P	V
													V
													V
802.11ac VHT20 CH 48 5240MHz		10480	49.59	-18.61	68.2	52.46	37.6	18.47	58.94	100	0	P	H
		15720	48.66	-25.34	74	41.48	40.62	23.3	56.74	100	0	P	H
													H
													H
		10480	46.93	-21.27	68.2	49.8	37.6	18.47	58.94	100	0	P	V
		15720	49.19	-24.81	74	42.01	40.62	23.3	56.74	100	0	P	V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 38 5190MHz		5149.76	59.29	-14.71	74	48.58	34.2	11.79	35.28	369	326	P	H
		5150	52.36	-1.64	54	41.65	34.2	11.79	35.28	369	326	A	H
	*	5190	110.19	-	-	99.35	34.27	11.84	35.27	369	326	P	H
	*	5190	103.07	-	-	92.23	34.27	11.84	35.27	369	326	A	H
		5414.08	54.7	-19.3	74	43.27	34.6	11.99	35.16	369	326	P	H
		5412.68	48.03	-5.97	54	36.6	34.6	11.99	35.16	369	326	A	H
		5145.08	55.52	-18.48	74	44.81	34.2	11.79	35.28	100	69	P	V
		5150	47.05	-6.95	54	36.34	34.2	11.79	35.28	100	69	A	V
	*	5190	106.98	-	-	96.14	34.27	11.84	35.27	100	69	P	V
	*	5190	99.8	-	-	88.96	34.27	11.84	35.27	100	69	A	V
		5413.24	53.96	-20.04	74	42.53	34.6	11.99	35.16	100	69	P	V
		5412.12	48.65	-5.35	54	37.22	34.6	11.99	35.16	100	69	A	V
802.11ac VHT40 CH 46 5230MHz		5149.76	51.53	-22.47	74	40.82	34.2	11.79	35.28	326	323	P	H
		5148.46	44.38	-9.62	54	33.67	34.2	11.79	35.28	326	323	A	H
	*	5230	111.99	-	-	101.06	34.3	11.87	35.24	326	323	P	H
	*	5230	104.67	-	-	93.74	34.3	11.87	35.24	326	323	A	H
		5453.84	53.74	-20.26	74	42.22	34.6	12.05	35.13	326	323	P	H
		5453.56	47.35	-6.65	54	35.83	34.6	12.05	35.13	326	323	A	H
		5150	52.04	-21.96	74	41.33	34.2	11.79	35.28	100	58	P	V
		5150	43.48	-10.52	54	32.77	34.2	11.79	35.28	100	58	A	V
	*	5230	109.07	-	-	98.14	34.3	11.87	35.24	100	58	P	V
	*	5230	102.06	-	-	91.13	34.3	11.87	35.24	100	58	A	V
		5452.44	56.98	-17.02	74	45.46	34.6	12.05	35.13	100	58	P	V
		5452.16	52.49	-1.51	54	40.97	34.6	12.05	35.13	100	58	A	V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 38 5190MHz		10380	45.28	-22.92	68.2	48.33	37.58	18.39	59.02	100	0	P	H
		15570	48.26	-25.74	74	41.61	40.23	23.19	56.77	100	0	P	H
													H
													H
		10380	45.3	-22.9	68.2	48.35	37.58	18.39	59.02	100	0	P	V
		15570	48.1	-25.9	74	41.45	40.23	23.19	56.77	100	0	P	V
													V
													V
802.11ac VHT40 CH 46 5230MHz		10460	46.44	-21.76	68.2	49.35	37.6	18.45	58.96	100	0	P	H
		15690	48.84	-25.16	74	41.78	40.53	23.28	56.75	100	0	P	H
													H
													H
		10460	46.31	-21.89	68.2	49.22	37.6	18.45	58.96	100	0	P	V
		15690	47.6	-26.4	74	40.54	40.53	23.28	56.75	100	0	P	V
													V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5145.34	60.34	-13.66	74	49.63	34.2	11.79	35.28	315	324	P	H
		5145.6	52.69	-1.31	54	41.98	34.2	11.79	35.28	315	324	A	H
	*	5210	105.58	-	-	94.67	34.3	11.86	35.25	315	324	P	H
	*	5210	98.36	-	-	87.45	34.3	11.86	35.25	315	324	A	H
		5353.88	49.4	-24.6	74	38.24	34.4	11.94	35.18	315	324	P	H
		5452.72	41.2	-12.8	54	29.68	34.6	12.05	35.13	315	324	A	H
		5139.36	56.68	-17.32	74	45.99	34.2	11.78	35.29	100	53	P	V
		5144.82	48.29	-5.71	54	37.58	34.2	11.79	35.28	100	53	A	V
	*	5210	104.7	-	-	93.79	34.3	11.86	35.25	100	53	P	V
	*	5210	97.61	-	-	86.7	34.3	11.86	35.25	100	53	A	V
		5398.96	49.19	-24.81	74	37.78	34.6	11.97	35.16	100	53	P	V
		5352.2	41.87	-12.13	54	30.71	34.4	11.94	35.18	100	53	A	V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	44.45	-23.75	68.2	47.67	37.6	18.42	59.24	100	0	P	H
		15630	46.45	-27.55	74	40.03	40.33	23.24	57.15	100	0	P	H
													H
													H
		10420	44.04	-24.16	68.2	47.26	37.6	18.42	59.24	100	0	P	V
		15630	46.63	-27.37	74	40.21	40.33	23.24	57.15	100	0	P	V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5147.7	48.93	-25.07	74	38.22	34.2	11.79	35.28	340	324	P	H
		5145.6	40.32	-13.68	54	29.61	34.2	11.79	35.28	340	324	A	H
	*	5260	115.03	-	-	104	34.37	11.89	35.23	340	324	P	H
	*	5260	107.5	-	-	96.47	34.37	11.89	35.23	340	324	A	H
		5377.92	49.18	-24.82	74	37.86	34.53	11.96	35.17	340	324	P	H
		5350.56	40.71	-13.29	54	29.55	34.4	11.94	35.18	340	324	A	H
		5064.05	48.7	-25.3	74	38.27	34.07	11.69	35.33	100	58	P	V
		5149.8	39.65	-14.35	54	28.94	34.2	11.79	35.28	100	58	A	V
	*	5260	113.83	-	-	102.8	34.37	11.89	35.23	100	58	P	V
	*	5260	106.36	-	-	95.33	34.37	11.89	35.23	100	58	A	V
		5359.68	51.26	-22.74	74	40.09	34.4	11.95	35.18	100	58	P	V
		5350.08	42.82	-11.18	54	31.66	34.4	11.94	35.18	100	58	A	V
802.11a CH 60 5300MHz		5110.95	48.77	-25.23	74	38.12	34.2	11.75	35.3	304	320	P	H
		5145.6	39.51	-14.49	54	28.8	34.2	11.79	35.28	304	320	A	H
	*	5300	114.92	-	-	103.71	34.5	11.91	35.2	304	320	P	H
	*	5300	107.38	-	-	96.17	34.5	11.91	35.2	304	320	A	H
		5364.72	52.97	-21.03	74	41.73	34.47	11.95	35.18	304	320	P	H
		5350.08	44.7	-9.3	54	33.54	34.4	11.94	35.18	304	320	A	H
		5101.85	48.61	-25.39	74	37.97	34.2	11.74	35.3	107	58	P	V
		5148.75	39.27	-14.73	54	28.56	34.2	11.79	35.28	107	58	A	V
	*	5300	116.13	-	-	104.92	34.5	11.91	35.2	107	58	P	V
	*	5300	107.6	-	-	96.39	34.5	11.91	35.2	107	58	A	V
		5351.76	54.05	-19.95	74	42.89	34.4	11.94	35.18	107	58	P	V
		5350.08	46.59	-7.41	54	35.43	34.4	11.94	35.18	107	58	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	114.4	-	-	103.21	34.47	11.92	35.2	300	321	P	H
	*	5320	107.23	-	-	96.04	34.47	11.92	35.2	300	321	A	H
		5350.56	55.29	-18.71	74	44.13	34.4	11.94	35.18	300	321	P	H
		5350.24	48.92	-5.08	54	37.76	34.4	11.94	35.18	300	321	A	H
													H
													H
	*	5320	114.38	-	-	103.19	34.47	11.92	35.2	100	57	P	V
	*	5320	106.98	-	-	95.79	34.47	11.92	35.2	100	57	A	V
		5351.04	61.64	-12.36	74	50.48	34.4	11.94	35.18	100	57	P	V
		5351.04	50.08	-3.92	54	38.92	34.4	11.94	35.18	100	57	A	V
													V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		7013.3	47.47	-20.73	68.2	53.62	35.67	15.36	57.18	100	0	P	H
		10520	45.02	-23.18	68.2	47.85	37.6	18.49	58.92	100	0	P	H
		15780	48.13	-25.87	74	40.85	40.67	23.35	56.74	100	0	P	H
													H
		7013.3	46.7	-21.5	68.2	52.85	35.67	15.36	57.18	100	0	P	V
		10520	44.46	-23.74	68.2	47.29	37.6	18.49	58.92	100	0	P	V
		15780	47.62	-26.38	74	40.34	40.67	23.35	56.74	100	0	P	V
													V
802.11a CH 60 5300MHz		7066.6	47.59	-20.61	68.2	53.98	35.63	15.21	57.23	100	0	P	H
		10600	45.84	-28.16	74	48.57	37.6	18.55	58.88	100	0	P	H
		15900	48.14	-25.86	74	40.61	40.8	23.45	56.72	100	0	P	H
													H
		7066.6	48.78	-19.42	68.2	55.17	35.63	15.21	57.23	100	0	P	V
		10600	45.21	-28.79	74	47.94	37.6	18.55	58.88	100	0	P	V
		15900	48.65	-25.35	74	41.12	40.8	23.45	56.72	100	0	P	V
													V
802.11a CH 64 5320MHz		7093.3	47.23	-20.97	68.2	53.69	35.67	15.13	57.26	100	0	P	H
		10640	46.41	-27.59	74	49.06	37.63	18.58	58.86	100	0	P	H
		15960	47.84	-26.16	74	40.12	40.93	23.5	56.71	100	0	P	H
													H
		7093.3	46.93	-21.27	68.2	53.39	35.67	15.13	57.26	100	0	P	V
		10640	45.44	-28.56	74	48.09	37.63	18.58	58.86	100	0	P	V
		15960	46.46	-27.54	74	38.74	40.93	23.5	56.71	100	0	P	V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		5110.6	48.76	-25.24	74	38.11	34.2	11.75	35.3	321	324	P	H
		5144.9	41.04	-12.96	54	30.33	34.2	11.79	35.28	321	324	A	H
	*	5260	114.29	-	-	103.26	34.37	11.89	35.23	321	324	P	H
	*	5260	106.77	-	-	95.74	34.37	11.89	35.23	321	324	A	H
		5353.44	49.81	-24.19	74	38.65	34.4	11.94	35.18	321	324	P	H
		5351.76	41.68	-12.32	54	30.52	34.4	11.94	35.18	321	324	A	H
		5131.25	48.76	-25.24	74	38.08	34.2	11.77	35.29	107	57	P	V
		5143.5	40.4	-13.6	54	29.7	34.2	11.79	35.29	107	57	A	V
	*	5260	113.26	-	-	102.23	34.37	11.89	35.23	107	57	P	V
	*	5260	105.97	-	-	94.94	34.37	11.89	35.23	107	57	A	V
		5354.64	51.23	-22.77	74	40.07	34.4	11.94	35.18	107	57	P	V
		5353.2	43.99	-10.01	54	32.83	34.4	11.94	35.18	107	57	A	V
802.11ac VHT20 CH 60 5300MHz		5124.25	48.9	-25.1	74	38.23	34.2	11.76	35.29	302	321	P	H
		5138.95	40.13	-13.87	54	29.44	34.2	11.78	35.29	302	321	A	H
	*	5300	115.12	-	-	103.91	34.5	11.91	35.2	302	321	P	H
	*	5300	107.52	-	-	96.31	34.5	11.91	35.2	302	321	A	H
		5351.52	53.24	-20.76	74	42.08	34.4	11.94	35.18	302	321	P	H
		5350.08	45.66	-8.34	54	34.5	34.4	11.94	35.18	302	321	A	H
		5088.9	48.23	-25.77	74	37.62	34.2	11.72	35.31	109	57	P	V
		5102.9	40.18	-13.82	54	29.54	34.2	11.74	35.3	109	57	A	V
	*	5300	114.29	-	-	103.08	34.5	11.91	35.2	109	57	P	V
	*	5300	107.26	-	-	96.05	34.5	11.91	35.2	109	57	A	V
		5357.52	53.69	-20.31	74	42.53	34.4	11.94	35.18	109	57	P	V
		5350.8	47.05	-6.95	54	35.89	34.4	11.94	35.18	109	57	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 64 5320MHz	*	5320	114.61	-	-	103.42	34.47	11.92	35.2	283	320	P	H
	*	5320	106.77	-	-	95.58	34.47	11.92	35.2	283	320	A	H
		5350.56	55.56	-18.44	74	44.4	34.4	11.94	35.18	283	320	P	H
		5350.08	50.82	-3.18	54	39.66	34.4	11.94	35.18	283	320	A	H
													H
													H
	*	5320	115.75	-	-	104.56	34.47	11.92	35.2	100	58	P	V
	*	5320	107.77	-	-	96.58	34.47	11.92	35.2	100	58	A	V
		5354.72	55.9	-18.1	74	44.74	34.4	11.94	35.18	100	58	P	V
		5350.88	49.86	-4.14	54	38.7	34.4	11.94	35.18	100	58	A	V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		7013.3	47.4	-20.8	68.2	53.55	35.67	15.36	57.18	100	0	P	H
		10520	45.72	-22.48	68.2	48.55	37.6	18.49	58.92	100	0	P	H
		15780	47.95	-26.05	74	40.67	40.67	23.35	56.74	100	0	P	H
													H
		7013.3	47.88	-20.32	68.2	54.03	35.67	15.36	57.18	100	0	P	V
		10520	45.23	-22.97	68.2	48.06	37.6	18.49	58.92	100	0	P	V
		15780	48.97	-25.03	74	41.69	40.67	23.35	56.74	100	0	P	V
													V
802.11ac VHT20 CH 60 5300MHz		7066.6	47.1	-21.1	68.2	53.49	35.63	15.21	57.23	100	0	P	H
		10600	46.22	-27.78	74	48.95	37.6	18.55	58.88	100	0	P	H
		15900	48.5	-25.5	74	40.97	40.8	23.45	56.72	100	0	P	H
													H
		7066.6	47.51	-20.69	68.2	53.9	35.63	15.21	57.23	100	0	P	V
		10600	44.73	-29.27	74	47.46	37.6	18.55	58.88	100	0	P	V
		15900	47.8	-26.2	74	40.27	40.8	23.45	56.72	100	0	P	V
													V
802.11ac VHT20 CH 64 5320MHz		7093.3	46.99	-21.21	68.2	53.45	35.67	15.13	57.26	100	0	P	H
		10640	47.01	-26.99	74	49.66	37.63	18.58	58.86	100	0	P	H
		15960	47.04	-26.96	74	39.32	40.93	23.5	56.71	100	0	P	H
													H
		7093.3	48.06	-20.14	68.2	54.52	35.67	15.13	57.26	100	0	P	V
		10640	46.05	-27.95	74	48.7	37.63	18.58	58.86	100	0	P	V
		15960	47.37	-26.63	74	39.65	40.93	23.5	56.71	100	0	P	V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 54 5270MHz		5124.95	48.93	-25.07	74	38.26	34.2	11.76	35.29	276	324	P	H
		5047.25	41.78	-12.22	54	31.44	34	11.67	35.33	276	324	A	H
	*	5270	111.93	-	-	100.9	34.37	11.89	35.23	276	324	P	H
	*	5270	104.33	-	-	93.3	34.37	11.89	35.23	276	324	A	H
		5350.32	51.74	-22.26	74	40.58	34.4	11.94	35.18	276	324	P	H
		5350.08	45.46	-8.54	54	34.3	34.4	11.94	35.18	276	324	A	H
		5045.85	48.99	-25.01	74	38.65	34	11.67	35.33	100	57	P	V
		5047.25	43.12	-10.88	54	32.78	34	11.67	35.33	100	57	A	V
	*	5270	113.04	-	-	102.01	34.37	11.89	35.23	100	57	P	V
	*	5270	105.13	-	-	94.1	34.37	11.89	35.23	100	57	A	V
		5350.32	52.71	-21.29	74	41.55	34.4	11.94	35.18	100	57	P	V
		5350.08	46.66	-7.34	54	35.5	34.4	11.94	35.18	100	57	A	V
802.11ac VHT40 CH 62 5310MHz		5119.35	48.66	-25.34	74	37.99	34.2	11.76	35.29	319	321	P	H
		5087.5	41.9	-12.1	54	31.36	34.13	11.72	35.31	319	321	A	H
	*	5310	107.08	-	-	95.89	34.47	11.92	35.2	319	321	P	H
	*	5310	99.68	-	-	88.49	34.47	11.92	35.2	319	321	A	H
		5350.08	53.98	-20.02	74	42.82	34.4	11.94	35.18	319	321	P	H
		5350.08	48.33	-5.67	54	37.17	34.4	11.94	35.18	319	321	A	H
		5066.85	48.44	-25.56	74	38	34.07	11.7	35.33	100	58	P	V
		5086.45	41.83	-12.17	54	31.29	34.13	11.72	35.31	100	58	A	V
	*	5310	108.65	-	-	97.46	34.47	11.92	35.2	100	58	P	V
	*	5310	100.88	-	-	89.69	34.47	11.92	35.2	100	58	A	V
		5351.28	57.66	-16.34	74	46.5	34.4	11.94	35.18	100	58	P	V
		5350.08	52.4	-1.6	54	41.24	34.4	11.94	35.18	100	58	A	V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 54 5270MHz		5494	58.14	-10.06	68.2	46.41	34.73	12.12	35.12	276	324	P	H
		7026.6	47.9	-20.3	68.2	54.15	35.63	15.32	57.2	100	0	P	H
		10540	44.1	-24.1	68.2	46.91	37.6	18.5	58.91	100	0	P	H
		15810	47.84	-26.16	74	40.5	40.7	23.37	56.73	100	0	P	H
		5494	55.94	-12.26	68.2	44.21	34.73	12.12	35.12	100	57	P	V
		7026.6	48.09	-20.11	68.2	54.34	35.63	15.32	57.2	100	0	P	V
		10540	44.48	-23.72	68.2	47.29	37.6	18.5	58.91	100	0	P	V
		15810	47.46	-26.54	74	40.12	40.7	23.37	56.73	100	0	P	V
802.11ac VHT40 CH 62 5310MHz		7080	47.09	-21.11	68.2	53.49	35.67	15.18	57.25	100	0	P	H
		10620	45.84	-28.16	74	48.52	37.62	18.57	58.87	100	0	P	H
		15930	48.61	-25.39	74	40.97	40.87	23.48	56.71	100	0	P	H
													H
		7080	47.81	-20.39	68.2	54.21	35.67	15.18	57.25	100	0	P	V
		10620	44.59	-29.41	74	47.27	37.62	18.57	58.87	100	0	P	V
		15930	48.15	-25.85	74	40.51	40.87	23.48	56.71	100	0	P	V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5111.3	49.04	-24.96	74	38.39	34.2	11.75	35.3	270	324	P	H
		5136.5	40.67	-13.33	54	29.98	34.2	11.78	35.29	270	324	A	H
	*	5290	102.17	-	-	91.06	34.43	11.9	35.22	270	324	P	H
	*	5290	95.07	-	-	83.96	34.43	11.9	35.22	270	324	A	H
		5352.48	55.67	-18.33	74	44.51	34.4	11.94	35.18	270	324	P	H
		5350.08	49.91	-4.09	54	38.75	34.4	11.94	35.18	270	324	A	H
		5142.8	49.23	-24.77	74	38.54	34.2	11.78	35.29	100	60	P	V
		5148.75	40.6	-13.4	54	29.89	34.2	11.79	35.28	100	60	A	V
	*	5290	103.64	-	-	92.53	34.43	11.9	35.22	100	60	P	V
	*	5290	96.23	-	-	85.12	34.43	11.9	35.22	100	60	A	V
		5350.56	58.59	-15.41	74	47.43	34.4	11.94	35.18	100	60	P	V
		5350.56	52.16	-1.84	54	41	34.4	11.94	35.18	100	60	A	V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		7055	48.11	-20.09	68.2	54.92	35.6	15.24	57.65	100	0	P	H
		10580	44.42	-23.78	68.2	47.33	37.6	18.54	59.05	100	0	P	H
		15870	47.28	-26.72	74	40.01	40.78	23.43	56.94	100	0	P	H
													H
		7055	48.36	-19.84	68.2	55.17	35.6	15.24	57.65	100	0	P	V
		10580	43.37	-24.83	68.2	46.28	37.6	18.54	59.05	100	0	P	V
		15870	47.2	-26.8	74	39.93	40.78	23.43	56.94	100	0	P	V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5459.44	53.46	-20.54	74	41.93	34.6	12.06	35.13	308	335	P	H
		5469.84	54.78	-13.42	68.2	43.16	34.67	12.08	35.13	308	335	P	H
		5459.76	45.67	-8.33	54	34.14	34.6	12.06	35.13	308	335	A	H
	*	5500	115.84	-	-	104.04	34.8	12.12	35.12	308	335	P	H
	*	5500	108.61	-	-	96.81	34.8	12.12	35.12	308	335	A	H
													H
		5459.92	52.53	-21.47	74	41	34.6	12.06	35.13	100	60	P	V
		5469.52	55.14	-13.06	68.2	43.52	34.67	12.08	35.13	100	60	P	V
		5456.88	45.75	-8.25	54	34.22	34.6	12.06	35.13	100	60	A	V
	*	5500	114.57	-	-	102.77	34.8	12.12	35.12	100	60	P	V
	*	5500	106.84	-	-	95.04	34.8	12.12	35.12	100	60	A	V
													V
802.11a CH 116 5580MHz		5457.04	48.19	-25.81	74	36.66	34.6	12.06	35.13	285	333	P	H
		5464.72	49.23	-18.97	68.2	37.62	34.67	12.07	35.13	285	333	P	H
		5452.96	40.99	-13.01	54	29.47	34.6	12.05	35.13	285	333	A	H
	*	5580	116.71	-	-	104.87	34.73	12.25	35.14	285	333	P	H
	*	5580	109.51	-	-	97.67	34.73	12.25	35.14	285	333	A	H
		5764.055	49.18	-19.02	68.2	37.18	34.73	12.44	35.17	285	333	P	H
		5422	47.97	-26.03	74	36.53	34.6	12	35.16	100	53	P	V
		5460.4	48.83	-19.37	68.2	37.3	34.6	12.06	35.13	100	53	P	V
		5459.2	40.94	-13.06	54	29.41	34.6	12.06	35.13	100	53	A	V
	*	5580	114.77	-	-	102.93	34.73	12.25	35.14	100	53	P	V
	*	5580	106.91	-	-	95.07	34.73	12.25	35.14	100	53	A	V
		5753.975	49.28	-18.92	68.2	37.29	34.73	12.43	35.17	100	53	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz	*	5700	115.57	-	-	103.65	34.7	12.38	35.16	288	312	P	H
	*	5700	107.98	-	-	96.06	34.7	12.38	35.16	288	312	A	H
		5726.12	64.4	-3.8	68.2	52.45	34.7	12.41	35.16	288	312	P	H
													H
													H
													H
	*	5700	114.12	-	-	102.2	34.7	12.38	35.16	101	51	P	V
	*	5700	107.12	-	-	95.2	34.7	12.38	35.16	101	51	A	V
		5725.08	61.32	-6.88	68.2	49.37	34.7	12.41	35.16	101	51	P	V
													V
													V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		7333.3	45.33	-28.67	74	52.13	35.6	15.09	57.49	100	0	P	H
		11000	46.91	-27.09	74	48.86	37.9	18.84	58.69	100	0	P	H
		16500	50	-18.2	68.2	40.19	42.1	24.13	56.42	100	0	P	H
													H
		7333.3	45.57	-28.43	74	52.37	35.6	15.09	57.49	100	0	P	V
		11000	45.7	-28.3	74	47.65	37.9	18.84	58.69	100	0	P	V
		16500	50.17	-18.03	68.2	40.36	42.1	24.13	56.42	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	48.62	-25.38	74	50.06	37.9	18.97	58.31	100	0	P	H
		16740	50.03	-18.17	68.2	39.81	42.14	24.41	56.33	100	0	P	H
													H
													H
		11160	48.09	-25.91	74	49.53	37.9	18.97	58.31	100	0	P	V
		16740	49.26	-18.94	68.2	39.04	42.14	24.41	56.33	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	49.09	-24.91	74	49.54	38.1	19.19	57.74	100	0	P	H
		17100	50.34	-17.86	68.2	40.11	41.7	24.8	56.27	100	0	P	H
													H
													H
		11400	46.73	-27.27	74	47.18	38.1	19.19	57.74	100	0	P	V
		17100	50.99	-17.21	68.2	40.76	41.7	24.8	56.27	100	0	P	V
													V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		5458.8	54.66	-19.34	74	43.13	34.6	12.06	35.13	309	334	P	H
		5470	58.07	-10.13	68.2	46.45	34.67	12.08	35.13	309	334	P	H
		5459.6	45.68	-8.32	54	34.15	34.6	12.06	35.13	309	334	A	H
	*	5500	115.03	-	-	103.23	34.8	12.12	35.12	309	334	P	H
	*	5500	107.4	-	-	95.6	34.8	12.12	35.12	309	334	A	H
													H
		5457.84	54.79	-19.21	74	43.26	34.6	12.06	35.13	100	60	P	V
		5465.52	57.63	-10.57	68.2	46.02	34.67	12.07	35.13	100	60	P	V
		5460	47.61	-6.39	54	36.08	34.6	12.06	35.13	100	60	A	V
	*	5500	114.49	-	-	102.69	34.8	12.12	35.12	100	60	P	V
	*	5500	106.5	-	-	94.7	34.8	12.12	35.12	100	60	A	V
													V
802.11ac VHT20 CH 116 5580MHz		5452	50.68	-23.32	74	39.16	34.6	12.05	35.13	285	334	P	H
		5465.68	50.45	-17.75	68.2	38.84	34.67	12.07	35.13	285	334	P	H
		5459.92	41.66	-12.34	54	30.13	34.6	12.06	35.13	285	334	A	H
	*	5580	116.86	-	-	105.02	34.73	12.25	35.14	285	334	P	H
	*	5580	108.74	-	-	96.9	34.73	12.25	35.14	285	334	A	H
		5755.865	50.64	-17.56	68.2	38.64	34.73	12.44	35.17	285	334	P	H
		5453.44	50.19	-23.81	74	38.67	34.6	12.05	35.13	100	53	P	V
		5469.52	50.13	-18.07	68.2	38.51	34.67	12.08	35.13	100	53	P	V
		5458.72	41.64	-12.36	54	30.11	34.6	12.06	35.13	100	53	A	V
	*	5580	115.54	-	-	103.7	34.73	12.25	35.14	100	53	P	V
	*	5580	107.04	-	-	95.2	34.73	12.25	35.14	100	53	A	V
		5746.1	50.94	-17.26	68.2	38.98	34.7	12.43	35.17	100	53	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 140 5700MHz	*	5700	115.74	-	-	103.82	34.7	12.38	35.16	290	328	P	H
	*	5700	108.02	-	-	96.1	34.7	12.38	35.16	290	328	A	H
		5725.72	66.07	-2.13	68.2	54.12	34.7	12.41	35.16	290	328	P	H
													H
													H
													H
	*	5710	114.59	-	-	102.66	34.7	12.39	35.16	100	52	P	V
	*	5710	106.7	-	-	94.77	34.7	12.39	35.16	100	52	A	V
		5725	66.07	-2.13	68.2	54.13	34.7	12.4	35.16	100	52	P	V
													V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		7333.3	44.15	-29.85	74	50.95	35.6	15.09	57.49	100	0	P	H
		11000	50.69	-23.31	74	52.64	37.9	18.84	58.69	100	0	P	H
		16500	50.06	-18.14	68.2	40.25	42.1	24.13	56.42	100	0	P	H
													H
		7333.3	46.63	-27.37	74	53.43	35.6	15.09	57.49	100	0	P	V
		11000	50.52	-23.48	74	52.47	37.9	18.84	58.69	100	0	P	V
		16500	49.84	-18.36	68.2	40.03	42.1	24.13	56.42	100	0	P	V
													V
802.11ac VHT20 CH 116 5580MHz		11160	50.03	-23.97	74	51.47	37.9	18.97	58.31	100	0	P	H
		16740	49.5	-18.7	68.2	39.28	42.14	24.41	56.33	100	0	P	H
													H
													H
		11160	47.97	-26.03	74	49.41	37.9	18.97	58.31	100	0	P	V
		16740	49.7	-18.5	68.2	39.48	42.14	24.41	56.33	100	0	P	V
													V
													V
802.11ac VHT20 CH 140 5700MHz		11400	52.07	-21.93	74	52.52	38.1	19.19	57.74	100	0	P	H
		17100	50.17	-18.03	68.2	39.94	41.7	24.8	56.27	100	0	P	H
													H
													H
		11400	50.12	-23.88	74	50.57	38.1	19.19	57.74	100	0	P	V
		17100	50.79	-17.41	68.2	40.56	41.7	24.8	56.27	100	0	P	V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 102 5510MHz		5456.56	55.74	-18.26	74	44.21	34.6	12.06	35.13	293	335	P	H
		5469.76	59.73	-8.47	68.2	48.11	34.67	12.08	35.13	293	335	P	H
		5458.24	49.96	-4.04	54	38.43	34.6	12.06	35.13	293	335	A	H
	*	5510	111.02	-	-	99.2	34.8	12.14	35.12	293	335	P	H
	*	5510	103.37	-	-	91.55	34.8	12.14	35.12	293	335	A	H
		5732.87	54.65	-13.55	68.2	42.71	34.7	12.41	35.17	293	335	P	H
		5459.68	59.69	-14.31	74	48.16	34.6	12.06	35.13	100	60	P	V
		5463.28	57.76	-10.44	68.2	46.15	34.67	12.07	35.13	100	60	P	V
		5459.92	52.33	-1.67	54	40.8	34.6	12.06	35.13	100	60	A	V
	*	5510	108.96	-	-	97.14	34.8	12.14	35.12	100	60	P	V
	*	5510	101.22	-	-	89.4	34.8	12.14	35.12	100	60	A	V
		5737.595	55.18	-13.02	68.2	43.23	34.7	12.42	35.17	100	60	P	V
802.11ac VHT40 CH 110 5550MHz		5456.08	50.8	-23.2	74	39.27	34.6	12.06	35.13	288	336	P	H
		5469.52	55.33	-12.87	68.2	43.71	34.67	12.08	35.13	288	336	P	H
		5459.92	44.78	-9.22	54	33.25	34.6	12.06	35.13	288	336	A	H
	*	5550	114.07	-	-	102.3	34.7	12.2	35.13	288	336	P	H
	*	5550	106.57	-	-	94.8	34.7	12.2	35.13	288	336	A	H
		5761.85	50.03	-18.17	68.2	38.03	34.73	12.44	35.17	288	336	P	H
		5454.16	52.27	-21.73	74	40.75	34.6	12.05	35.13	100	59	P	V
		5465.44	53.38	-14.82	68.2	41.77	34.67	12.07	35.13	100	59	P	V
		5459.44	45.7	-8.3	54	34.17	34.6	12.06	35.13	100	59	A	V
	*	5550	110.17	-	-	98.4	34.7	12.2	35.13	100	59	P	V
	*	5550	102.87	-	-	91.1	34.7	12.2	35.13	100	59	A	V
		5729.405	49.06	-19.14	68.2	37.11	34.7	12.41	35.16	100	59	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 134 5670MHz		5446.6	51.23	-22.77	74	39.73	34.6	12.04	35.14	283	331	P	H
		5469.35	46.78	-21.42	68.2	35.16	34.67	12.08	35.13	283	331	P	H
		5446.6	46.67	-7.33	54	35.17	34.6	12.04	35.14	283	331	A	H
	*	5670	112.82	-	-	101.02	34.6	12.35	35.15	283	331	P	H
	*	5670	104.9	-	-	93.1	34.6	12.35	35.15	283	331	A	H
		5727.2	62.39	-5.81	68.2	50.44	34.7	12.41	35.16	283	331	P	H
		5446.95	53.63	-20.37	74	42.13	34.6	12.04	35.14	100	53	P	V
		5460.6	47.79	-20.41	68.2	36.26	34.6	12.06	35.13	100	53	P	V
		5447.65	47.93	-6.07	54	36.43	34.6	12.04	35.14	100	53	A	V
	*	5670	111.95	-	-	100.15	34.6	12.35	35.15	100	53	P	V
	*	5670	104.9	-	-	93.1	34.6	12.35	35.15	100	53	A	V
		5727.2	63.08	-5.12	68.2	51.13	34.7	12.41	35.16	100	53	P	V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 102 5510MHz		7346.6	44.32	-29.68	74	51.11	35.6	15.11	57.5	100	0	P	H
		11020	45.62	-28.38	74	47.51	37.9	18.85	58.64	100	0	P	H
		16530	49.16	-19.04	68.2	39.41	42	24.16	56.41	100	0	P	H
													H
		7346.6	45.54	-28.46	74	52.33	35.6	15.11	57.5	100	0	P	V
		11020	45.76	-28.24	74	47.65	37.9	18.85	58.64	100	0	P	V
		16530	50.03	-18.17	68.2	40.28	42	24.16	56.41	100	0	P	V
													V
802.11ac VHT40 CH 110 5550MHz		5776	56.77	-11.43	68.2	44.71	34.77	12.46	35.17	288	336	P	H
		11100	47.9	-26.1	74	49.53	37.9	18.92	58.45	100	0	P	H
		16650	50.17	-18.03	68.2	40.29	41.95	24.3	56.37	100	0	P	H
													H
		5776	57.27	-10.93	68.2	45.21	34.77	12.46	35.17	100	59	P	V
		11100	47.38	-26.62	74	49.01	37.9	18.92	58.45	100	0	P	V
		16650	49.35	-18.85	68.2	39.47	41.95	24.3	56.37	100	0	P	V
													V
802.11ac VHT40 CH 134 5670MHz		5920	55.85	-12.35	68.2	43.56	34.93	12.56	35.2	283	331	P	H
		11340	48.97	-25.03	74	49.62	38.1	19.13	57.88	100	0	P	H
		17010	50.42	-17.78	68.2	40.16	41.78	24.72	56.24	100	0	P	H
													H
		5896	56.48	-11.72	68.2	44.23	34.9	12.54	35.19	100	53	P	V
		11340	47.73	-26.27	74	48.38	38.1	19.13	57.88	100	0	P	V
		17010	51.43	-16.77	68.2	41.17	41.78	24.72	56.24	100	0	P	V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5457.76	59.12	-14.88	74	47.59	34.6	12.06	35.13	342	335	P	H
		5460.64	57.49	-10.71	68.2	45.96	34.6	12.06	35.13	342	335	P	H
		5457.28	52.78	-1.22	54	41.25	34.6	12.06	35.13	342	335	A	H
	*	5530	105.01	-	-	93.2	34.77	12.17	35.13	342	335	P	H
	*	5530	98.79	-	-	86.98	34.77	12.17	35.13	342	335	A	H
		5764.37	48.84	-19.36	68.2	36.84	34.73	12.44	35.17	342	335	P	H
		5453.68	58.18	-15.82	74	46.66	34.6	12.05	35.13	365	65	P	V
		5468.8	57.04	-11.16	68.2	45.42	34.67	12.08	35.13	365	65	P	V
		5452.96	51.74	-2.26	54	40.22	34.6	12.05	35.13	365	65	A	V
	*	5530	102.55	-	-	90.74	34.77	12.17	35.13	365	65	P	V
	*	5530	96.76	-	-	84.95	34.77	12.17	35.13	365	65	A	V
		5757.125	49.97	-18.23	68.2	37.97	34.73	12.44	35.17	365	65	P	V
802.11ac VHT80 CH 122 5610MHz		5456.4	55.09	-18.91	74	43.56	34.6	12.06	35.13	315	332	P	H
		5467.6	56.83	-11.37	68.2	45.22	34.67	12.07	35.13	315	332	P	H
		5457.1	47.8	-6.2	54	36.27	34.6	12.06	35.13	315	332	A	H
	*	5610	110.82	-	-	98.87	34.8	12.29	35.14	315	332	P	H
	*	5610	104.37	-	-	92.42	34.8	12.29	35.14	315	332	A	H
		5737.175	58.25	-9.95	68.2	46.3	34.7	12.42	35.17	315	332	P	H
		5454.65	55.12	-18.88	74	43.6	34.6	12.05	35.13	389	63	P	V
		5470	53.72	-14.48	68.2	42.1	34.67	12.08	35.13	389	63	P	V
		5453.95	46.67	-7.33	54	35.15	34.6	12.05	35.13	389	63	A	V
	*	5610	108.62	-	-	96.67	34.8	12.29	35.14	389	63	P	V
	*	5610	102.21	-	-	90.26	34.8	12.29	35.14	389	63	A	V
		5738.925	58.94	-9.26	68.2	46.99	34.7	12.42	35.17	389	63	P	V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		7374	44.2	-29.8	74	51.41	35.6	15.16	57.97	100	0	P	H
		11060	45.5	-28.5	74	47.15	37.9	18.89	58.44	100	0	P	H
		16590	48.24	-19.96	68.2	38.81	41.85	24.23	56.65	100	0	P	H
													H
		7374	45.96	-28.04	74	53.17	35.6	15.16	57.97	100	0	P	V
		11060	45.72	-28.28	74	47.37	37.9	18.89	58.44	100	0	P	V
		16590	48.25	-19.95	68.2	38.82	41.85	24.23	56.65	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		7484	42.78	-31.22	74	49.86	35.6	15.4	58.08	100	0	P	H
		11220	46.1	-27.9	74	47.24	37.93	19.03	58.1	100	0	P	H
		16830	50.04	-18.16	68.2	40.05	42.17	24.51	56.69	100	0	P	H
													H
		7484	43.39	-30.61	74	50.47	35.6	15.4	58.08	100	0	P	V
		11220	45.42	-28.58	74	46.56	37.93	19.03	58.1	100	0	P	V
		16830	49.9	-18.3	68.2	39.91	42.17	24.51	56.69	100	0	P	V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5459.59	50.06	-23.94	74	38.53	34.6	12.06	35.13	295	310	P	H
		5460	49.41	-18.79	68.2	37.88	34.6	12.06	35.13	295	310	P	H
		5452.57	39.02	-14.98	54	27.5	34.6	12.05	35.13	295	310	A	H
	*	5720	115.19	-	-	103.25	34.7	12.4	35.16	295	310	P	H
	*	5720	107.86	-	-	95.92	34.7	12.4	35.16	295	310	A	H
		5852	51.01	-17.19	68.2	38.78	34.9	12.51	35.18	295	310	P	H
		5355.07	48.35	-25.65	74	37.19	34.4	11.94	35.18	100	57	P	V
		5462.32	47.23	-20.97	68.2	35.69	34.6	12.07	35.13	100	57	P	V
		5459.98	39.11	-14.89	54	27.58	34.6	12.06	35.13	100	57	A	V
	*	5720	113.97	-	-	102.03	34.7	12.4	35.16	100	57	P	V
	*	5720	106.76	-	-	94.82	34.7	12.4	35.16	100	57	A	V
		5947	50.67	-17.53	68.2	38.29	35	12.58	35.2	100	57	P	V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	47.59	-26.41	74	47.88	38.13	19.22	57.64	100	0	P	H
		17160	51.93	-16.27	68.2	41.87	41.5	24.85	56.29	100	0	P	H
													H
													H
		11440	46.54	-27.46	74	46.83	38.13	19.22	57.64	100	0	P	V
		17160	51.66	-16.54	68.2	41.6	41.5	24.85	56.29	100	0	P	V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 144 5720MHz		5449.45	49.02	-24.98	74	37.51	34.6	12.05	35.14	231	27	P	H
		5469.34	46.77	-21.43	68.2	35.15	34.67	12.08	35.13	231	27	P	H
		5459.59	39.43	-14.57	54	27.9	34.6	12.06	35.13	231	27	A	H
	*	5720	116.42	-	-	104.48	34.7	12.4	35.16	231	27	P	H
	*	5720	109.24	-	-	97.3	34.7	12.4	35.16	231	27	A	H
		5878.75	50.69	-17.51	68.2	38.45	34.9	12.53	35.19	231	27	P	H
		5405.38	49.5	-24.5	74	38.08	34.6	11.98	35.16	100	58	P	V
		5461.54	47.27	-20.93	68.2	35.73	34.6	12.07	35.13	100	58	P	V
		5459.59	39.91	-14.09	54	28.38	34.6	12.06	35.13	100	58	A	V
	*	5720	114.95	-	-	103.01	34.7	12.4	35.16	100	58	P	V
	*	5720	107.65	-	-	95.71	34.7	12.4	35.16	100	58	A	V
		5902.5	50.78	-17.42	68.2	38.52	34.9	12.55	35.19	100	58	P	V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 144 5720MHz		11440	49.05	-24.95	74	49.34	38.13	19.22	57.64	100	0	P	H
		17160	51.09	-17.11	68.2	41.03	41.5	24.85	56.29	100	0	P	H
													H
													H
		11440	48.71	-25.29	74	49	38.13	19.22	57.64	100	0	P	V
		17160	51.87	-16.33	68.2	41.81	41.5	24.85	56.29	100	0	P	V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 142 5710MHz		5409.28	48.21	-25.79	74	36.79	34.6	11.98	35.16	290	329	P	H
		5460	47.47	-20.73	68.2	35.94	34.6	12.06	35.13	290	329	P	H
		5453.74	41.4	-12.6	54	29.88	34.6	12.05	35.13	290	329	A	H
	*	5710	112.86	-	-	100.93	34.7	12.39	35.16	290	329	P	H
	*	5710	105.87	-	-	93.94	34.7	12.39	35.16	290	329	A	H
		5938.5	53.55	-14.65	68.2	41.21	34.97	12.57	35.2	290	329	P	H
		5417.47	48.88	-25.12	74	37.44	34.6	12	35.16	100	57	P	V
		5468.95	47.43	-20.77	68.2	35.81	34.67	12.08	35.13	100	57	P	V
		5452.57	43.18	-10.82	54	31.66	34.6	12.05	35.13	100	57	A	V
	*	5710	111.42	-	-	99.49	34.7	12.39	35.16	100	57	P	V
	*	5710	105.12	-	-	93.19	34.7	12.39	35.16	100	57	A	V
		5932.75	54.78	-13.42	68.2	42.44	34.97	12.57	35.2	100	57	P	V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 142 5710MHz		11420	46.7	-27.3	74	47.07	38.12	19.2	57.69	100	0	P	H
		17130	50.57	-17.63	68.2	40.43	41.6	24.82	56.28	100	0	P	H
													H
													H
		11420	46.38	-27.62	74	46.75	38.12	19.2	57.69	100	0	P	V
		17130	51.23	-16.97	68.2	41.09	41.6	24.82	56.28	100	0	P	V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5353.9	48.28	-25.72	74	37.12	34.4	11.94	35.18	283	310	P	H
		5460.37	47.97	-20.23	68.2	36.44	34.6	12.06	35.13	283	310	P	H
		5451.79	40.55	-13.45	54	29.03	34.6	12.05	35.13	283	310	A	H
	*	5690	108.37	-	-	96.46	34.7	12.37	35.16	283	310	P	H
	*	5690	102.32	-	-	90.41	34.7	12.37	35.16	283	310	A	H
		5851.6	51.72	-16.48	68.2	39.49	34.9	12.51	35.18	283	310	P	H
		5416.3	47.65	-26.35	74	36.21	34.6	12	35.16	100	57	P	V
		5466.22	48.23	-19.97	68.2	36.62	34.67	12.07	35.13	100	57	P	V
		5450.23	40.79	-13.21	54	29.27	34.6	12.05	35.13	100	57	A	V
	*	5690	108.19	-	-	96.28	34.7	12.37	35.16	100	57	P	V
	*	5690	101.68	-	-	89.77	34.7	12.37	35.16	100	57	A	V
		5860.9	51.22	-16.98	68.2	38.99	34.9	12.52	35.19	100	57	P	V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	45.64	-28.36	74	46.17	38.1	19.16	57.79	100	0	P	H
		17070	50.68	-17.52	68.2	40.44	41.73	24.77	56.26	100	0	P	H
													H
													H
		11380	46.24	-27.76	74	46.77	38.1	19.16	57.79	100	0	P	V
		17070	51.11	-17.09	68.2	40.87	41.73	24.77	56.26	100	0	P	V
													V
													V
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
5GHz 802.11ac VHT80 SHF		38768	48.38	-25.62	74	52.91	44.58	11.63	60.74	100	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39142	46.63	-27.37	74	50.68	44.4	11.78	60.23	100	0	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	● No other spurious found. ● All results are PASS against limit line.												

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 1+2		(MHz)	(dBμV/m)	Limit (dB)	Line (dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
5GHz 802.11ac VHT80 LF		134.49	26.73	-16.77	43.5	37.03	17.55	2.11	29.96	-	-	P	H
		157.44	30.25	-13.25	43.5	41.17	16.74	2.29	29.95	-	-	P	H
		179.04	33.11	-10.39	43.5	45.63	14.94	2.48	29.94	100	0	P	H
		528.9	30.88	-15.12	46	33.04	23.91	3.79	29.86	-	-	P	H
		864.2	33.75	-12.25	46	29.12	28.88	4.9	29.15	-	-	P	H
		957.3	34.17	-11.83	46	27.09	30.47	5.27	28.66	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	33.64	-6.36	40	38.39	24.32	0.94	30.01	100	0	P	V
		34.32	27.66	-12.34	40	33.77	22.79	1.11	30.01	-	-	P	V
		66.45	28.84	-11.16	40	45.23	12.02	1.57	29.98	-	-	P	V
		752.2	30.06	-15.94	46	27.39	27.74	4.48	29.55	-	-	P	V
		878.2	31.17	-14.83	46	26.42	28.87	4.97	29.09	-	-	P	V
		955.9	33.12	-12.88	46	26.03	30.5	5.26	28.67	-	-	P	V
													V
													V
													V
													V
													V
													V
												V	
Remark	● No other spurious found. ● All results are PASS against limit line.												



Note symbol

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



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



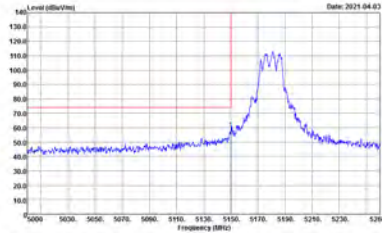
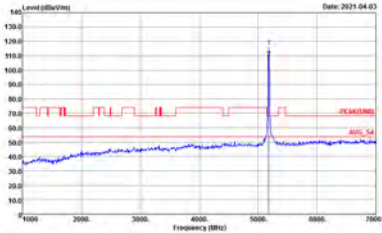
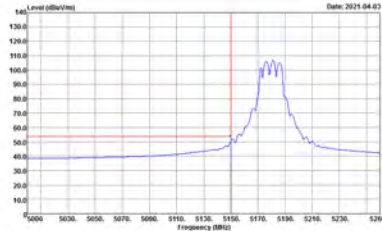
Appendix D. Radiated Spurious Emission Plots

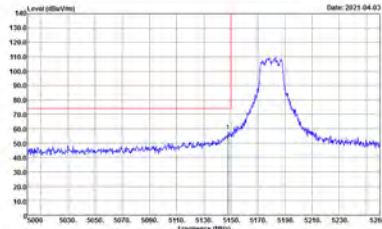
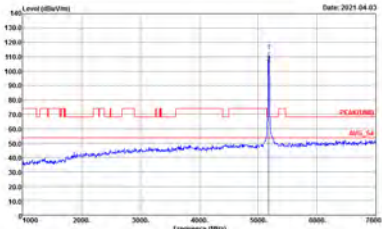
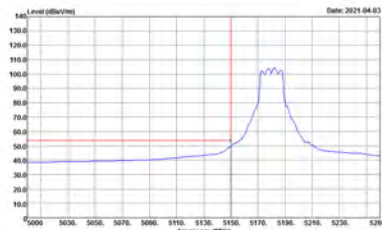
Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu and James Chiu	Temperature :	22.7~24.6°C
		Relative Humidity :	51.6~57.5%

Note symbol

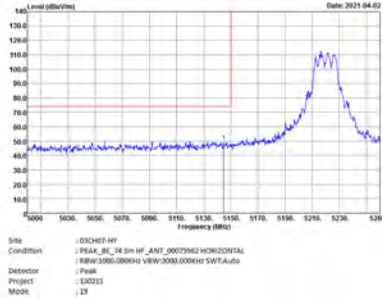
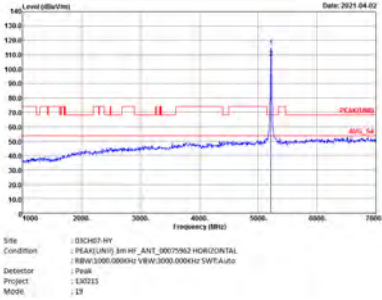
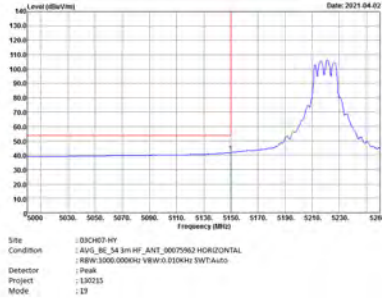
-L	Low channel location
-R	High channel location

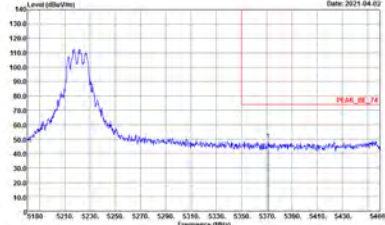
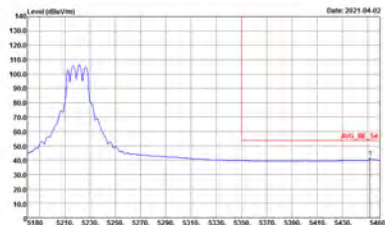
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

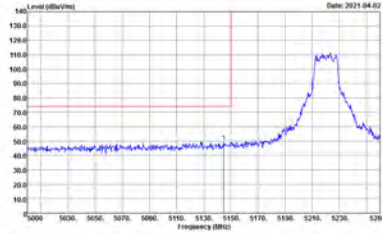
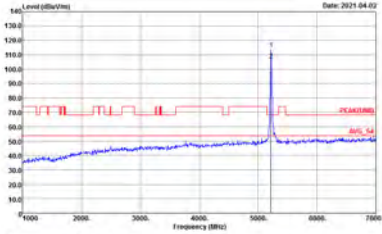
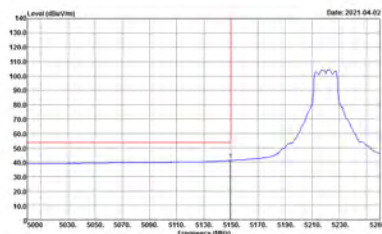
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD-RY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWTA:Auto Detector : Peak Project : L30215 Mode : 1	 Site : DISCHD-RY Condition : PEAK(FUNV) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWTA:Auto Detector : Peak Project : L30215 Mode : 1
Avg.	 Site : DISCHD-RY Condition : AVG_RE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWTA:Auto Detector : Peak Project : L30215 Mode : 1	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-HP Condition : PEAK_RE_74 3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 1	 Site : DISCHD-HP Condition : PEAK(FUND) 3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 1
Avg.	 Site : DISCHD-HP Condition : AVE_RE_74 3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 1	Left blank

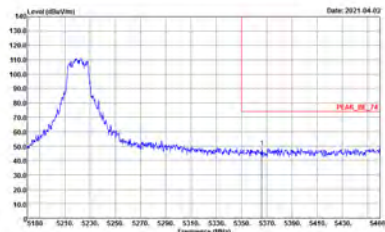
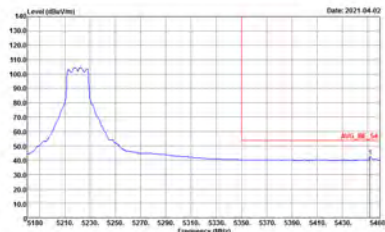


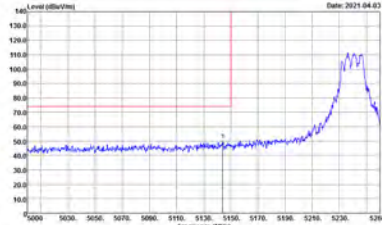
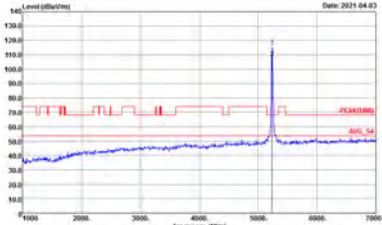
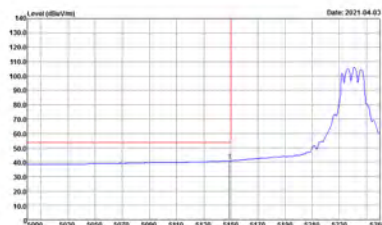
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHED-HF Condition : PEAK_RR_14 5m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30225 Mode : E	Left blank
Avg.	 Site : DISCHED-HF Condition : PEAK_RR_14 5m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30225 Mode : E	Left blank

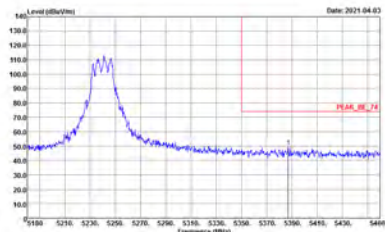
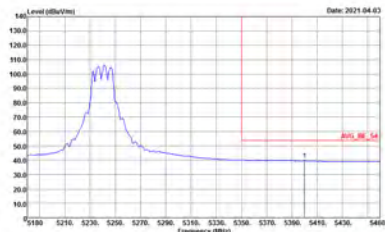
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCH02-HP Condition : PEAK_RE_74 3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L3	 Site : DISCH02-HP Condition : PEAK(FUNV) 3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L3
Avg.	 Site : DISCH02-HP Condition : AVE_RE_74 3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L3	Left blank



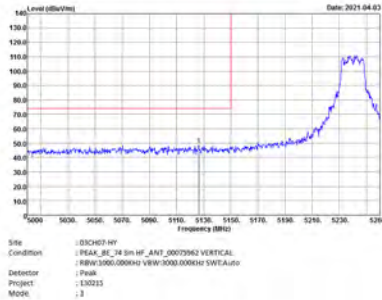
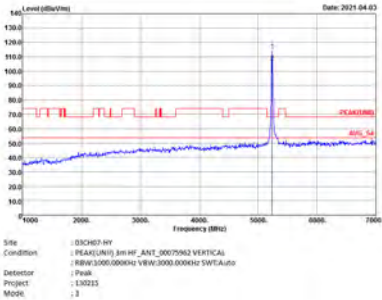
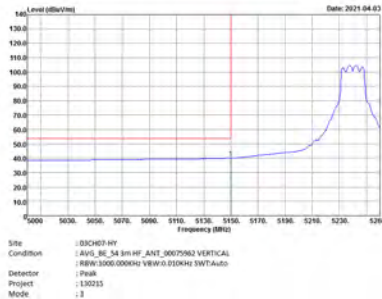
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-HF Condition : PEAK_RR_74 5m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30223 Mode : E7	Left blank
Avg.	 Site : 03CH02-HF Condition : AVE_RR_74 5m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30223 Mode : E7	Left blank

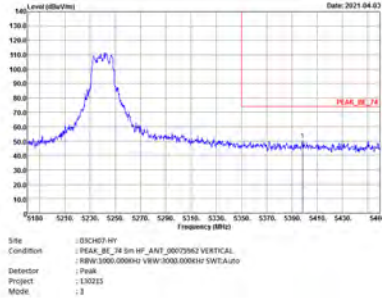
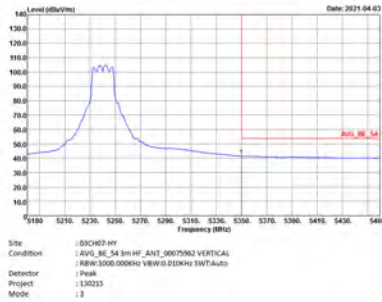
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH03-HY Condition : (PEAK) 34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 1	 Site : DISCH03-HY Condition : (PEAK) 34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 1
Avg.	 Site : DISCH03-HY Condition : (AVERAGE) 34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 1	Left blank



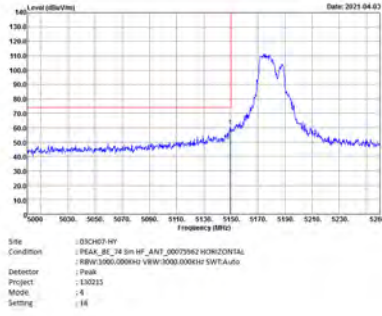
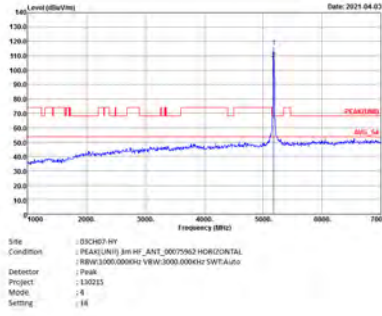
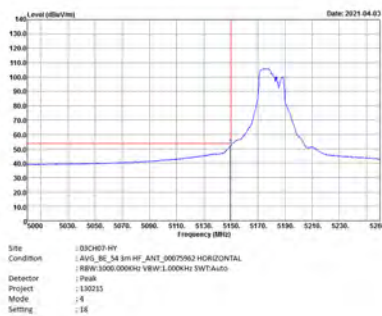
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-HF Condition : 1 PEAK_RR_14 5m HF_ANT_00075962 HORIZONTAL Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : Peak Mode : 130225 Mode : 1	Left blank
Avg.	 Site : 03CH02-HF Condition : 1 AVE_RR_14 5m HF_ANT_00075962 HORIZONTAL Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : Peak Mode : 130225 Mode : 1	Left blank



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

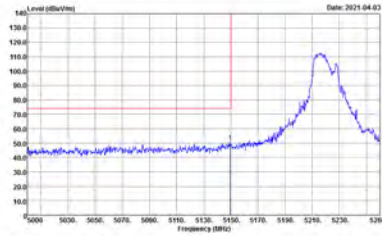
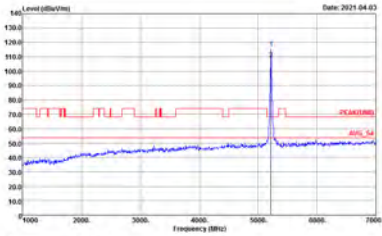
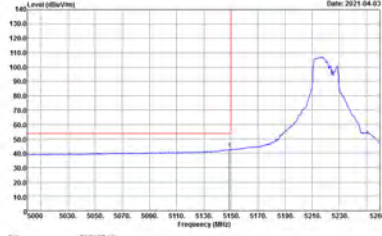
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

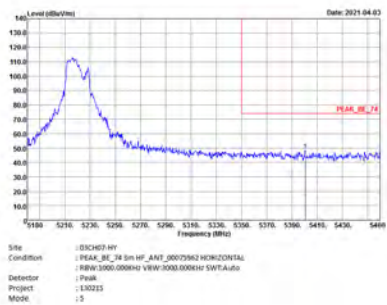
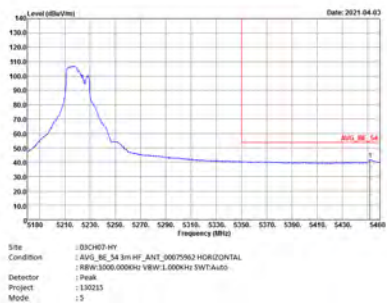
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH03-RV Condition : PEAK_RE_34 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 14 Setting : 16	 Site : DISCH03-RV Condition : PEAK(FUND) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 14 Setting : 16
Avg.	 Site : DISCH03-RV Condition : AVG_RE_34 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:1.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 14 Setting : 16	Left blank



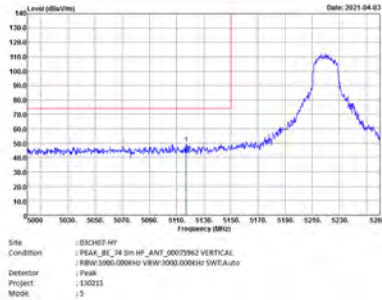
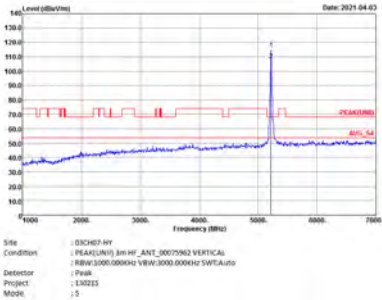
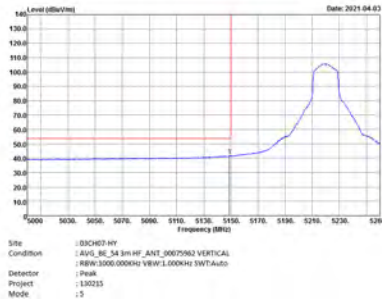
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

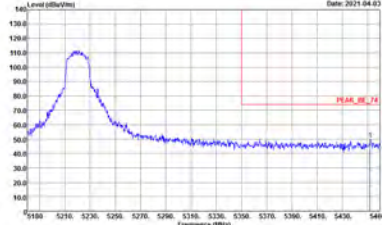
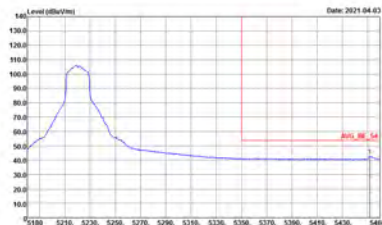
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH02-HY Condition : (PEAK) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 15	 Site : DISCH02-HY Condition : (PEAK) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 15
Avg.	 Site : DISCH02-HY Condition : (AVERAGE) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 15	Left blank

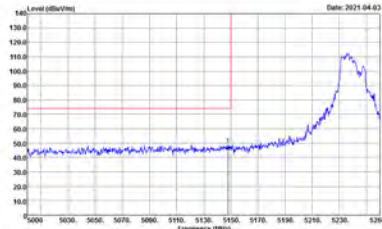
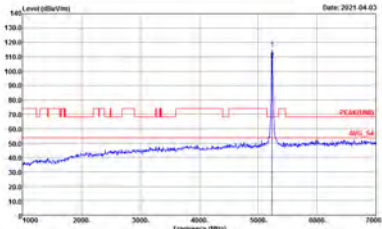
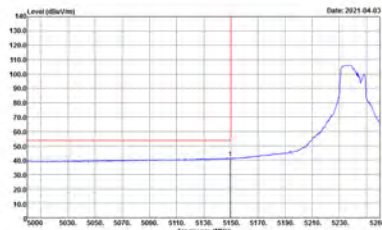


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-HF Condition : 1 PEAK_RR_24 5m HF_ANT_00075962 HORN(20NTAL) Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : Peak Mode : 130225 15	Left blank
Avg.	 Site : 03CH02-HF Condition : 1 AVE_RR_24 5m HF_ANT_00075962 HORN(20NTAL) Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : Peak Mode : 130225 15	Left blank

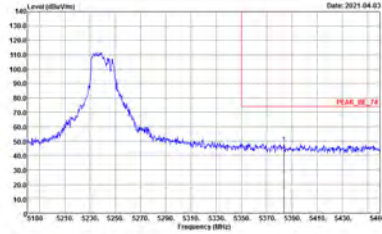
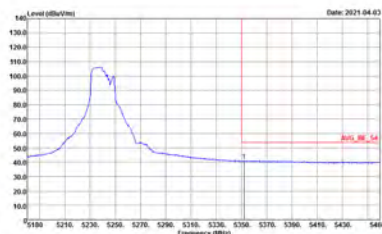


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

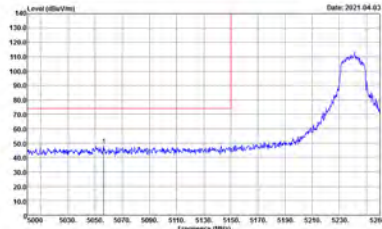
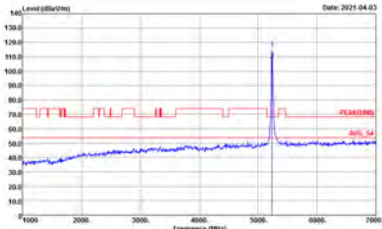
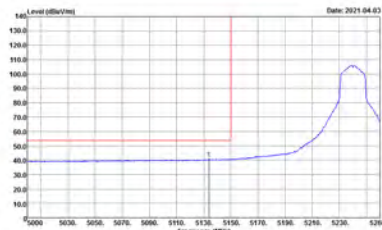
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-HF Condition : 1 PEAK_RR_74 5m HF_ANT_00075962 VERTICAL Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : 130225 Mode : 15	Left blank
Avg.	 Site : 03CH02-HF Condition : 1 AVE_RR_74 5m HF_ANT_00075962 VERTICAL Detector : RBW:3000.0000Hz VIEW:1.0000Hz SWT:Auto Project : 130225 Mode : 15	Left blank

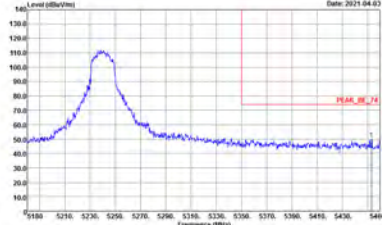
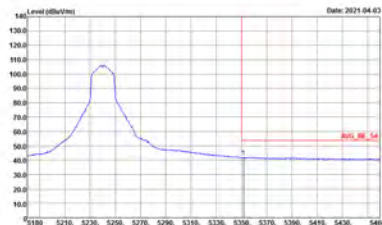
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH03-HY Condition : (PEAK) RE_14 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 18	 Site : DISCH03-HY Condition : (PEAK) UNV1 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 18
Avg.	 Site : DISCH03-HY Condition : (AVERAGE) RE_14 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 18	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-HF Condition : 1 PEAK_RR_24 5m HF_ANT_00075962 HORN(20TAL) Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : 130225 Mode : 16	Left blank
Avg.	 Site : 03CH02-HF Condition : 1 AVE_RR_24 5m HF_ANT_00075962 HORN(20TAL) Detector : RBW:3000.0000Hz VIEW:1.0000Hz SWT:Auto Project : 130225 Mode : 16	Left blank

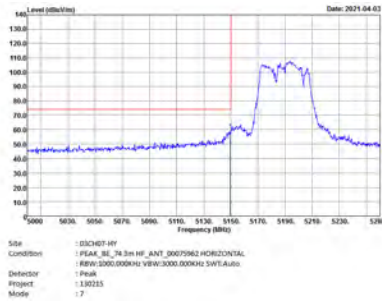
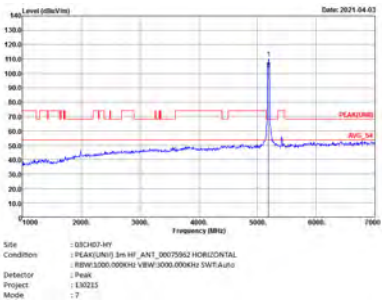
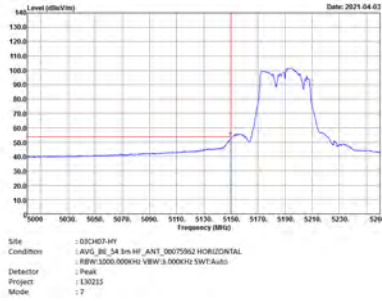


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCH03-HY Condition : (PEAK) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 16	 Site : DISCH03-HY Condition : (PEAK) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 16
Avg.	 Site : DISCH03-HY Condition : (PEAK) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 16	Left blank

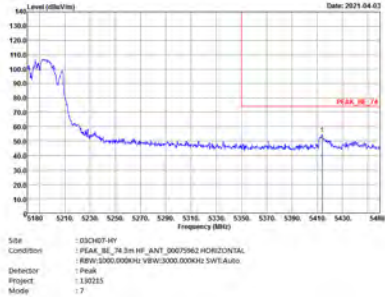
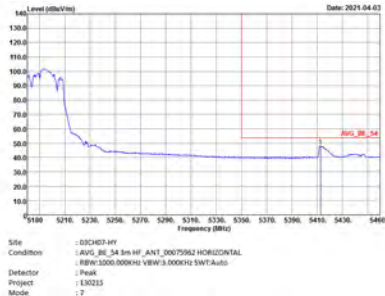
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-HF Condition : 1: PEAK_RR_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : Peak Mode : 1: 130225 Mode : 1: 0	Left blank
Avg.	 Site : 03CH02-HF Condition : 1: AVE_RR_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : Peak Mode : 1: 130225 Mode : 1: 0	Left blank



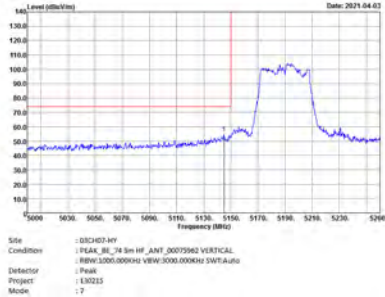
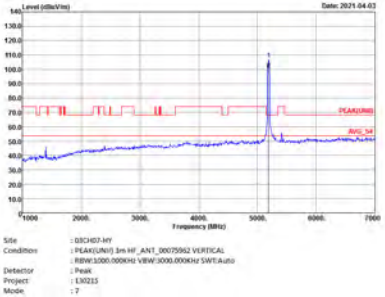
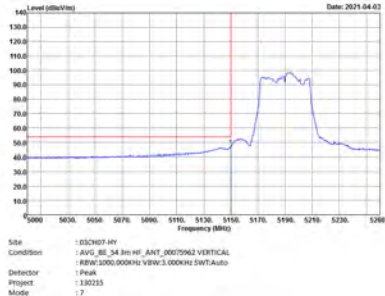
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

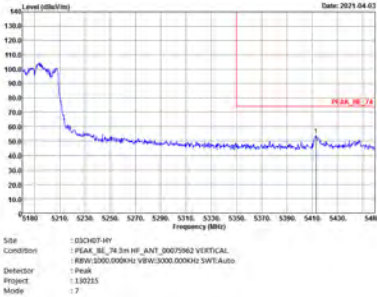
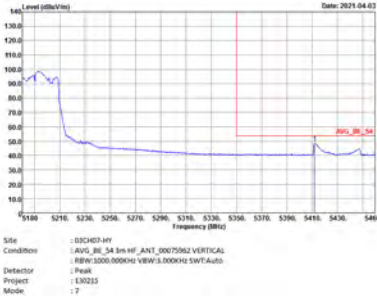


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-01 Condition : : PEAK_ME_74.3m HP_ANT_00075962 HORIZONTAL Detector : : Peak Project : : 130215 Mode : : 7	Left blank
Avg.	 Site : 03CH07-01 Condition : : AVG_ME_54.3m HP_ANT_00075962 HORIZONTAL Detector : : Peak Project : : 130215 Mode : : 7	Left blank

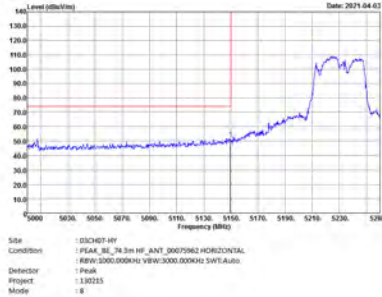
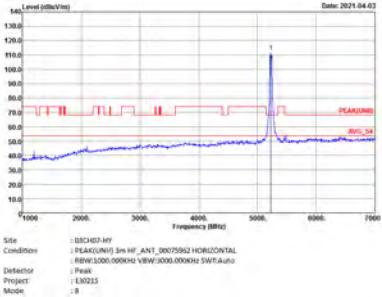
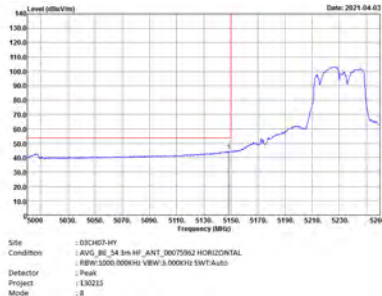


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-MY Condition : PLAK_06_74 5m HP_ANT_00075962 VERTICAL Reference : 3000.000KHz VIEW:3000.000KHz SWT:Auto Detector : Peak Project : 130215 Mode : 7	 Site : 03CH02-MY Condition : PLAK(LIN)0 5m HP_ANT_00075962 VERTICAL Reference : 3000.000KHz VIEW:3000.000KHz SWT:Auto Detector : Peak Project : 130215 Mode : 7
Avg.	 Site : 03CH02-MY Condition : AVG_06_54 5m HP_ANT_00075962 VERTICAL Reference : 3000.000KHz VIEW:3.000KHz SWT:Auto Detector : Peak Project : 130215 Mode : 7	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-01 Condition : 1. PEAK_ME_74.3m HF_ANT_00075962 VERTICAL Detector : 1. RBW:3000.000KHz VIEW:3000.000KHz SWT:Auto Project : 1.30225 Mode : 1.7	Left blank
Avg.	 Site : 03CH07-01 Condition : 1. AVERAGE_ME_54.3m HF_ANT_00075962 VERTICAL Detector : 1. RBW:3000.000KHz VIEW:3.000KHz SWT:Auto Project : 1.30225 Mode : 1.7	Left blank

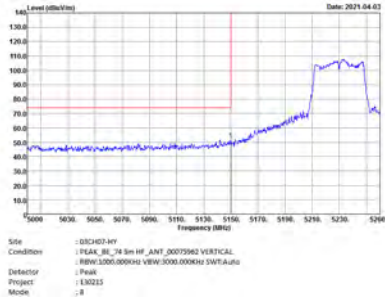
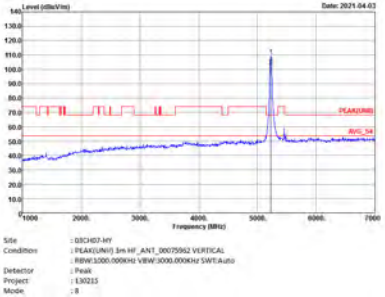
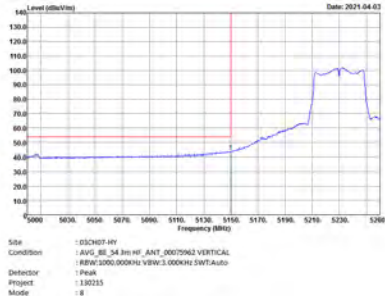


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-MY Condition : : PEAK_5E_70.3m HP_ANT_00075962 HORIZONTAL RBW:3000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : : R	 Site : 03CH07-MY Condition : : PEAK(LIN) 5m HP_ANT_00075962 HORIZONTAL RBW:3000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : : R
Avg.	 Site : 03CH07-MY Condition : : AVG_5E_54.3m HP_ANT_00075962 HORIZONTAL RBW:3000.000kHz VIEW:3.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : : R	Left blank

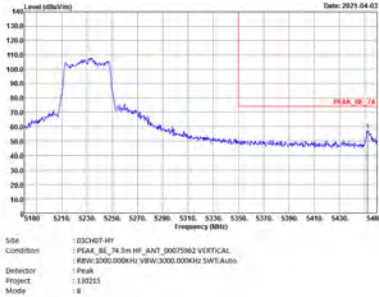
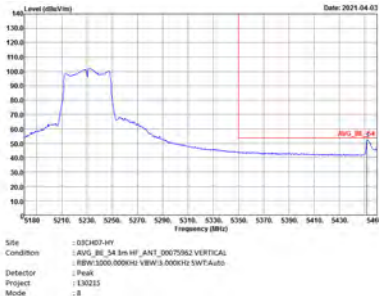


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



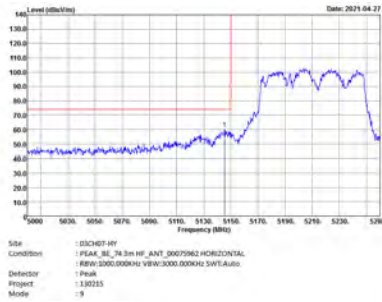
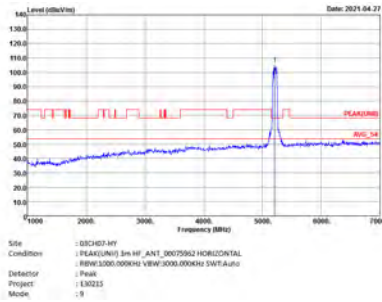
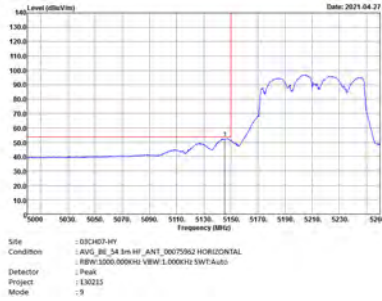
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-MY Condition : PEAK_86_74 3m HP_ANT_00075962 VERTICAL Reference : 3000.000KHz VIEW:3000.000KHz SWT:Auto Detector : Peak Project : I30215 Mode : B	 Site : 03CH07-MY Condition : PEAK(LIN) 3m HP_ANT_00075962 VERTICAL Reference : 3000.000KHz VIEW:3000.000KHz SWT:Auto Detector : Peak Project : I30215 Mode : B
Avg.	 Site : 03CH07-MY Condition : AVG_86_54 3m HP_ANT_00075962 VERTICAL Reference : 3000.000KHz VIEW:3.000KHz SWT:Auto Detector : Peak Project : I30215 Mode : B	Left blank



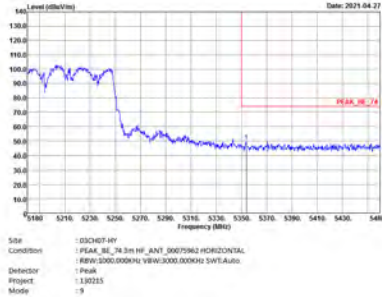
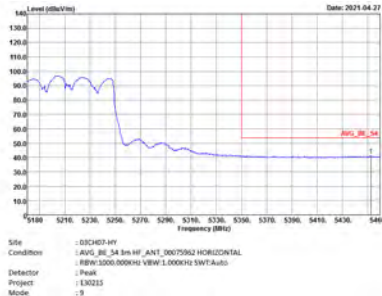
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



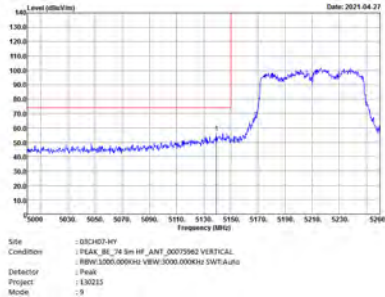
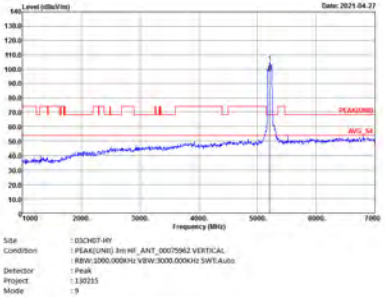
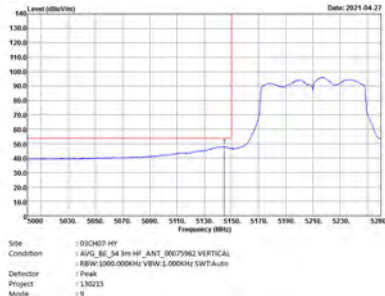
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

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

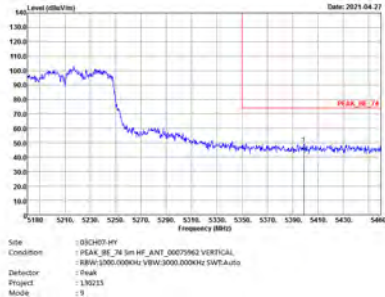
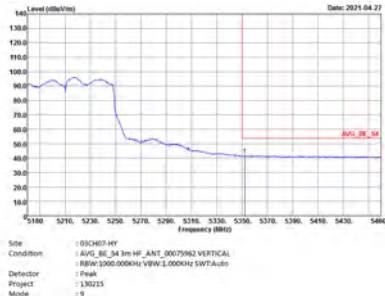


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

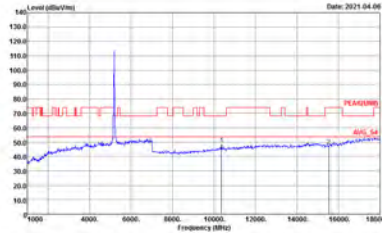
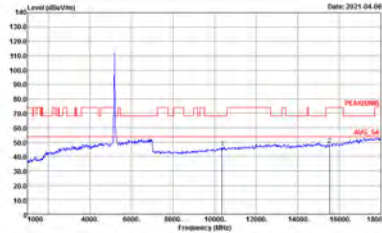


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

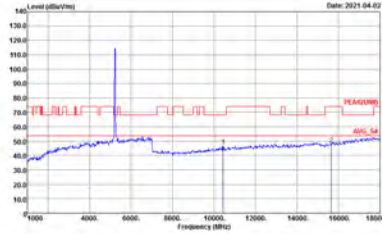
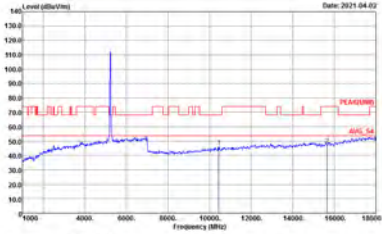


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

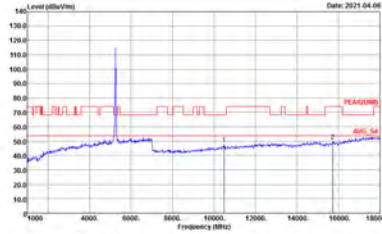
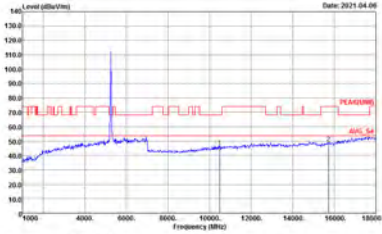
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-01 Condition : PEAK(UNITS) 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 1	 Site : DISCHD-01 Condition : PEAK(UNITS) 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 1



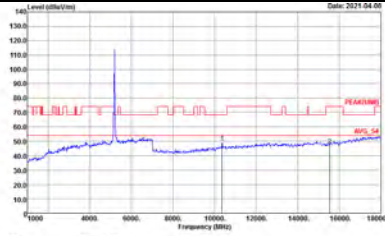
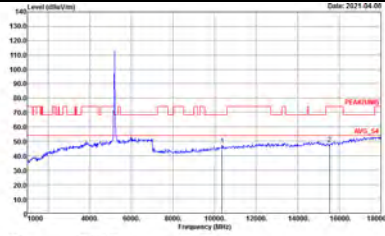
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 12	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 12



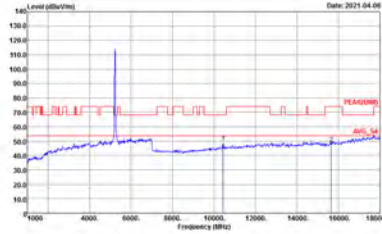
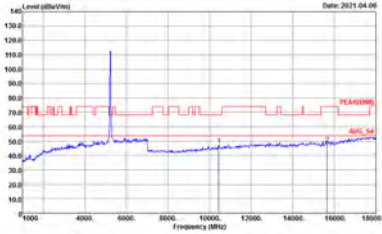
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHED-ANY Condition : PEAK(UNITS) 3m HP_ANT_30070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 3	 Site : DISCHED-ANY Condition : PEAK(UNITS) 3m HP_ANT_30070962 VERTICAL Detector : Peak Project : 130215 Mode : 3



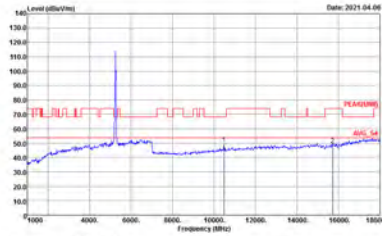
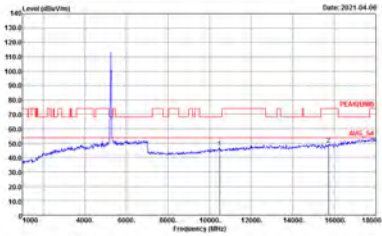
Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCH037.MY Condition : PEAK(AVG) 3m WIF ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Model : -A	 Site : DISCH037.MY Condition : PEAK(AVG) 3m WIF ANT_00075962 VERTICAL Detector : Peak Project : L30215 Model : -A



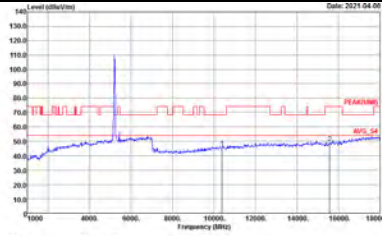
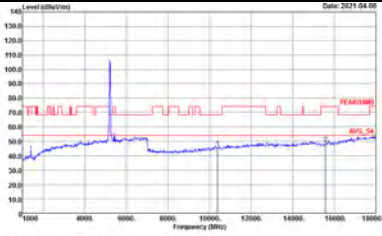
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 5	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 5

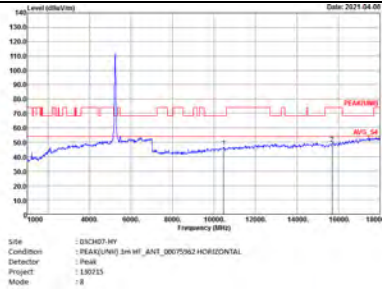
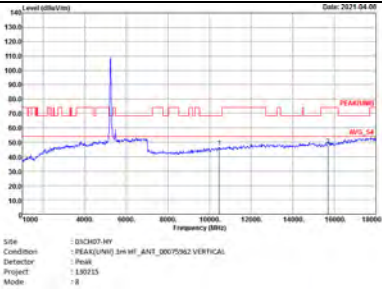


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHED-8H Condition : PEAK(UNIV) 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 16	 Site : DISCHED-8V Condition : PEAK(UNIV) 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 16



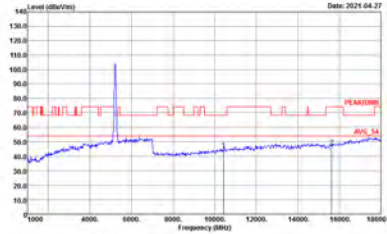
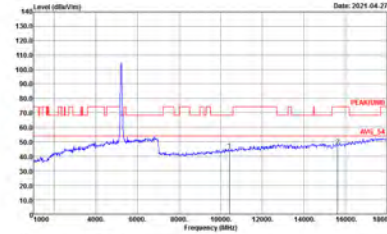
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCH07-MY Condition : PEAK(AVG) 3m WIF_ANT_00075062 HORIZONTAL Detector : Peak Project : 130215 Mode : 7	 Site : DISCH07-MY Condition : PEAK(AVG) 3m WIF_ANT_00075062 VERTICAL Detector : Peak Project : 130215 Mode : 7

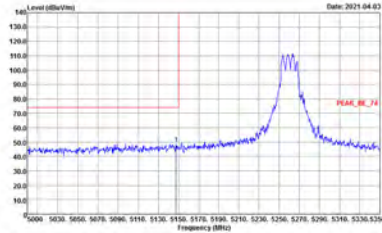
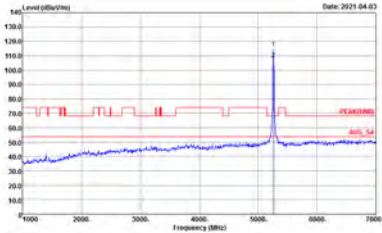
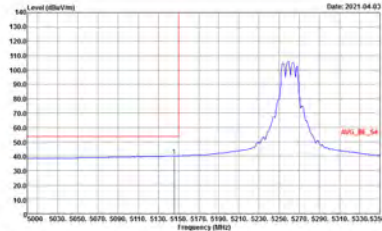
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH037-MY Condition : 1. PEAK(AVG) 3m WIF ANT_00075062 HORIZONTAL Detector : 1. Peak Project : 1. L30215 Model : 1. B	 Site : 03CH037-MY Condition : 1. PEAK(AVG) 3m WIF ANT_00075062 VERTICAL Detector : 1. Peak Project : 1. L30215 Model : 1. B

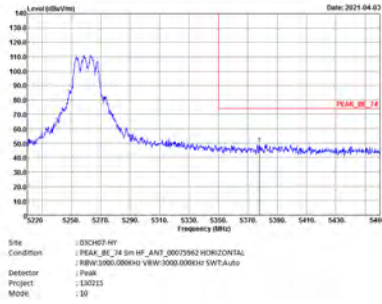
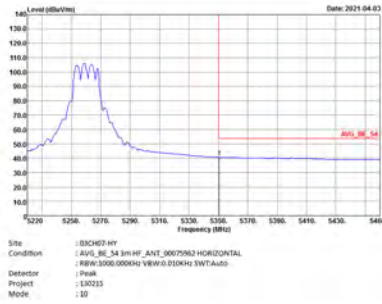


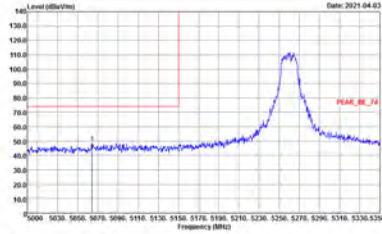
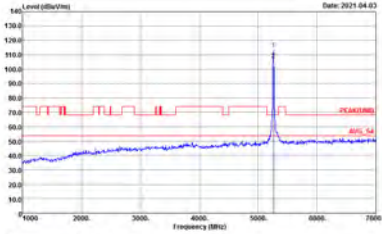
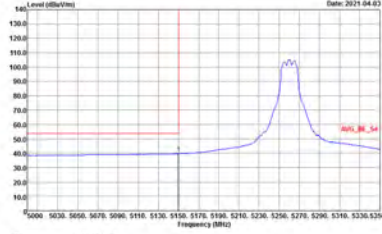
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4H Condition : (PEAK) (Unit) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 130215 Mode : 7	 Site : 03CH07-4H Condition : (PEAK) (Unit) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 130215 Mode : 7

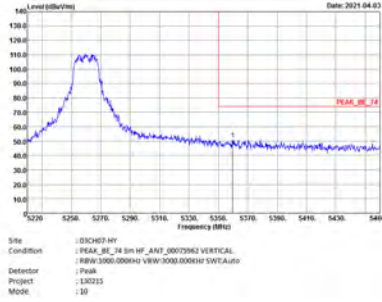
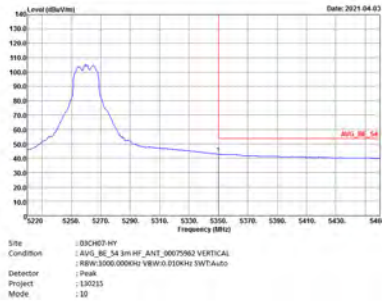
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

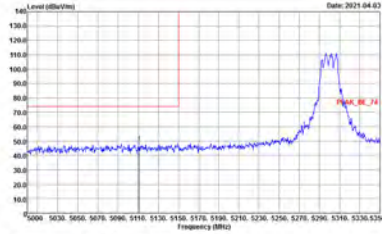
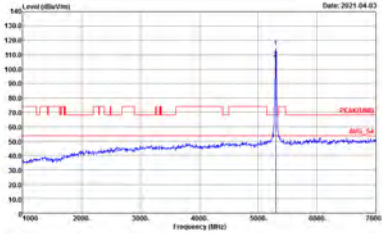
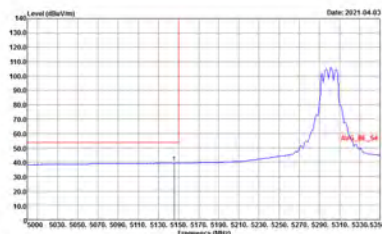
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH23-AY Condition : PEAK(RE_14 3m HF_ANT_00075962 HORIZONTAL) RBW:1000.0000Hz VIEW:5000.0000Hz SWT:Auto Detector : Peak Project : L30225 Mode : 10	 Site : DISCH23-AY Condition : PEAK(FUND) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:5000.0000Hz SWT:Auto Detector : Peak Project : L30225 Mode : 10
Avg.	 Site : DISCH23-AY Condition : AVG(RE_14 3m HF_ANT_00075962 HORIZONTAL) RBW:1000.0000Hz VIEW:5000.0000Hz SWT:Auto Detector : Peak Project : L30225 Mode : 10	Left blank

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

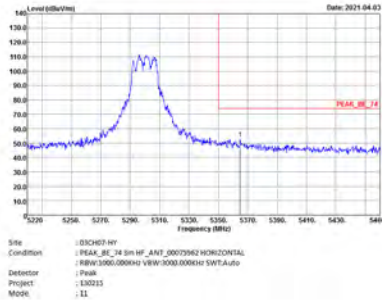
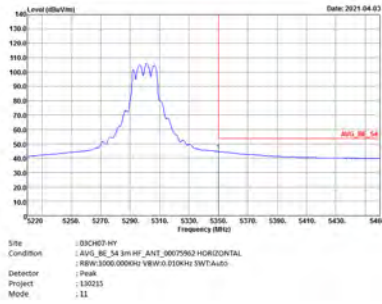
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-HY Condition : PEAK_RL_74 5m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:3000.0000Hz SWTA:Auto Detector : Peak Project : L30215 Mode : 10	 Site : DISCHD-HY Condition : PEAK_RL_74 5m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:3000.0000Hz SWTA:Auto Detector : Peak Project : L30215 Mode : 10
Avg.	 Site : DISCHD-HY Condition : AVE_RL_54 5m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:3000.0000Hz SWTA:Auto Detector : Peak Project : L30215 Mode : 10	Left blank

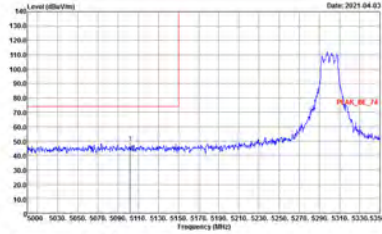
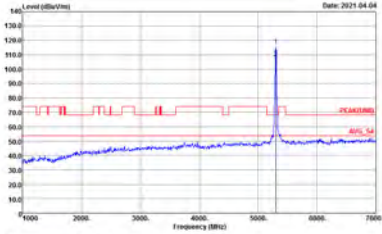
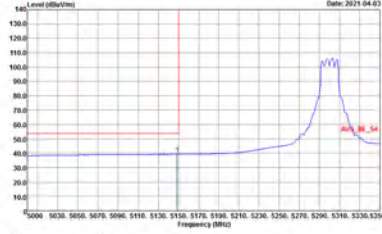


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : DISCHED-HY Condition : PEAK_RE_14 3m HF_ANT_00075962 VERTICAL Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : Peak Mode : L30225 Mode : 10	Left blank
Avg.	 Site : DISCHED-HY Condition : AVG_RE_14 3m HF_ANT_00075962 VERTICAL Detector : RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Project : Peak Mode : L30225 Mode : 10	Left blank

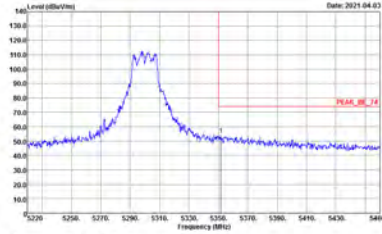
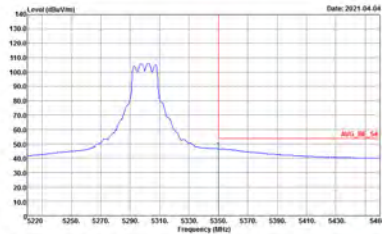
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD-01 Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : L1	 Site : DISCHD-01 Condition : PEAK(FUNV) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : L1
Avg.	 Site : DISCHD-01 Condition : AVG_RE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : L1	Left blank

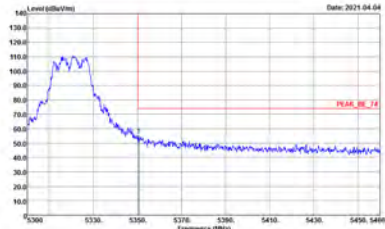
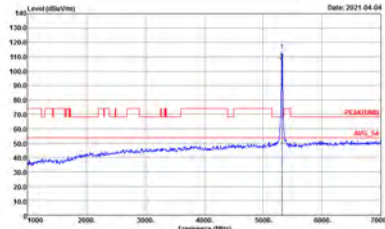
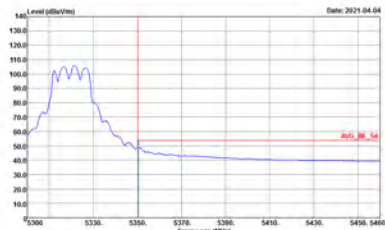


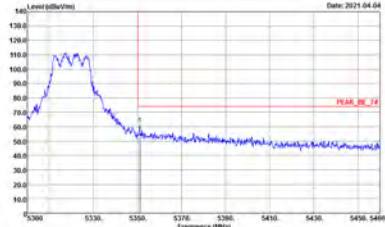
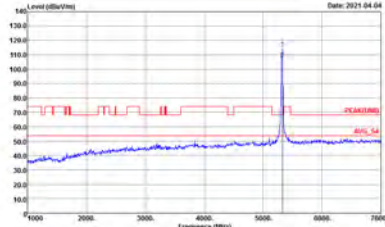
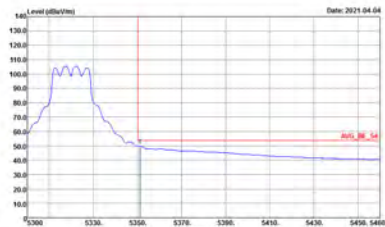
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-RV Condition : PEAK_RL_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L1	 Site : DISCHD-RV Condition : PEAK_RL_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L1
Avg.	 Site : DISCHD-RV Condition : PEAK_RL_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L1	Left blank

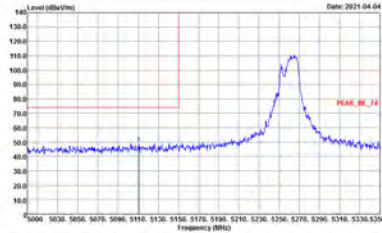
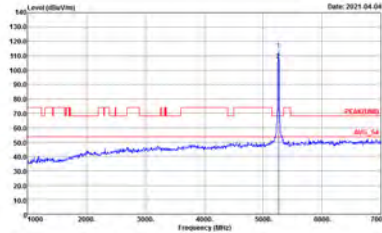
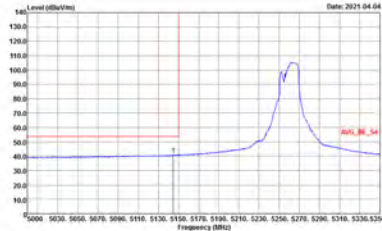


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : DISCHED HP Condition : PEAK_RE_14 3m HP_ANT_00072962 VERTICAL Detector : RBW:3000.000MHz VIEW:3000.000MHz SWT:Auto Project : Peak Mode : L1	Left blank
Avg.	 Site : DISCHED HP Condition : AVE_RE_14 3m HP_ANT_00072962 VERTICAL Detector : RBW:3000.000MHz VIEW:3000.000MHz SWT:Auto Project : Peak Mode : L1	Left blank

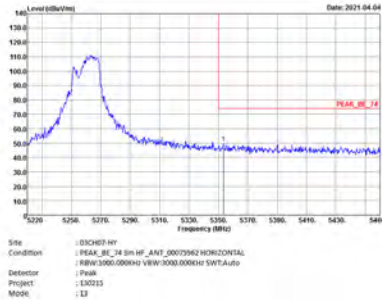
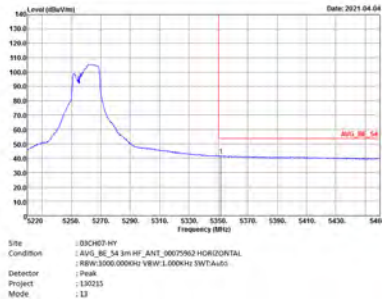
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH23-HY Condition : PEAK_ME_14 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : L2	 Site : DISCH23-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : L2
Avg.	 Site : DISCH23-HY Condition : AVG_ME_14 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : L2	Left blank

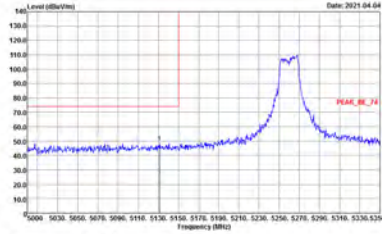
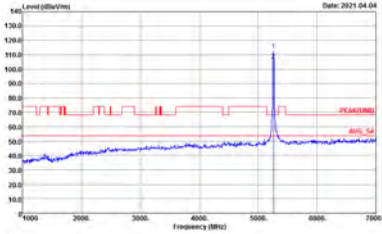
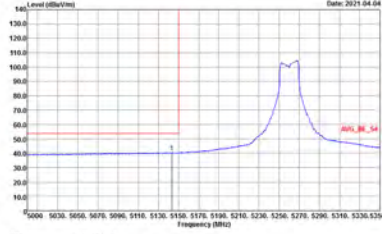
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : DISCH23-AY Condition : PEAK_BE_14 3m HF_ANT_00075962 VERTICAL RBW:3000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : L2	 Site : DISCH23-AY Condition : PEAK_FUND_14 3m HF_ANT_00075962 VERTICAL RBW:3000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : L2
Avg.	 Site : DISCH23-AY Condition : AVG_BE_14 3m HF_ANT_00075962 VERTICAL RBW:3000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : L2	Left blank

Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

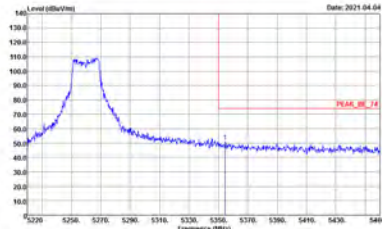
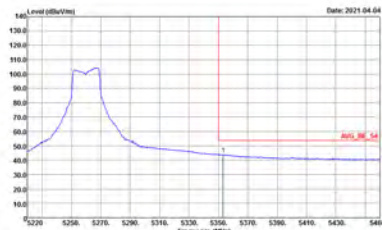
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD-RV Condition : PEAK_RL_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWTAuto Detector : Peak Project : L30215 Mode : LF	 Site : DISCHD-RV Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWTAuto Detector : Peak Project : L30215 Mode : LF
Avg.	 Site : DISCHD-RV Condition : AVG_RL_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:1.0000Hz SWTAuto Detector : Peak Project : L30215 Mode : LF	Left blank

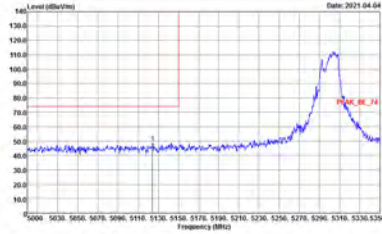
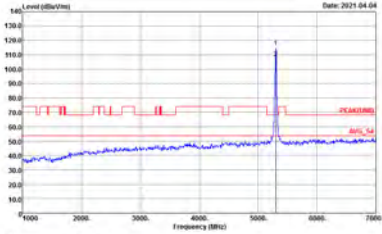
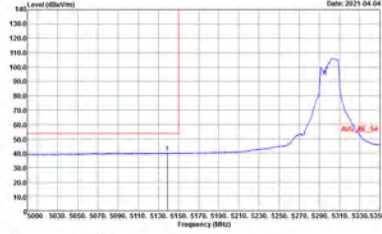


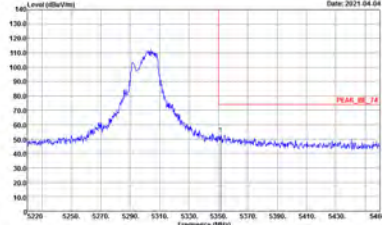
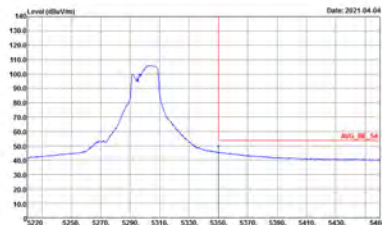
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

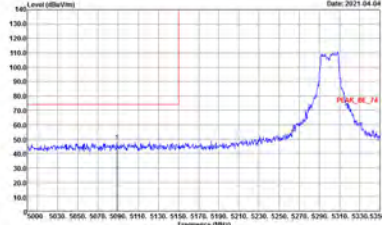
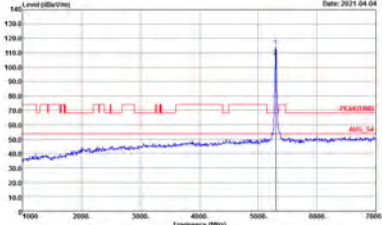
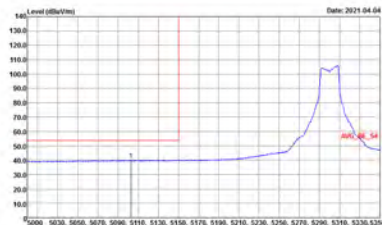
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-RV Condition : PEAK_RL_74 3m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : L3	 Site : DISCHD-RV Condition : PEAK(LV) 3m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : L3
Avg.	 Site : DISCHD-RV Condition : AVG_RL_54 3m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:1.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : L3	Left blank



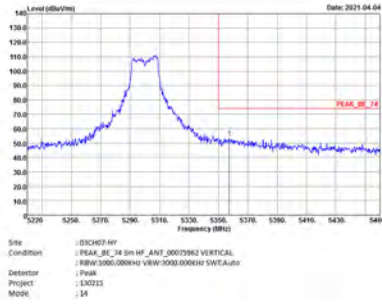
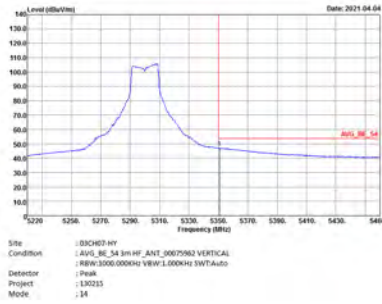
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-HF Condition : PEAK_RE_14 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30223 Mode : L3	Left blank
Avg.	 Site : 03CH02-HF Condition : AVG_RE_14 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30223 Mode : L3	Left blank

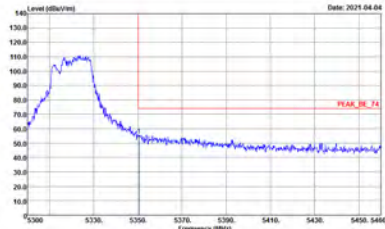
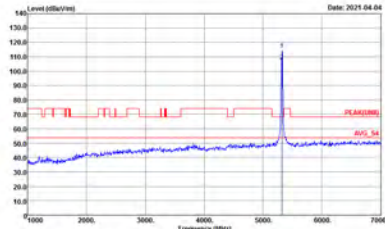
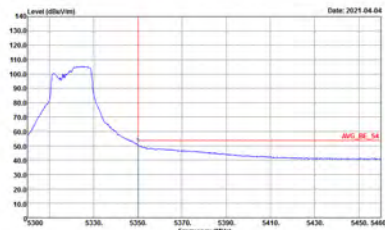
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH03-HY Condition : PEAK_RE_14 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 14	 Site : DISCH03-HY Condition : PEAK(FUNV) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 14
Avg.	 Site : DISCH03-HY Condition : AVG_RE_14 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 14	Left blank

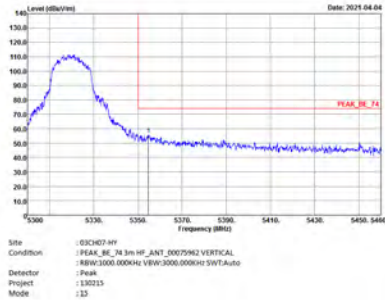
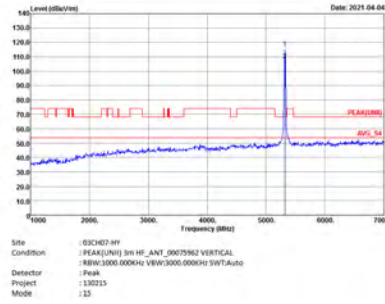
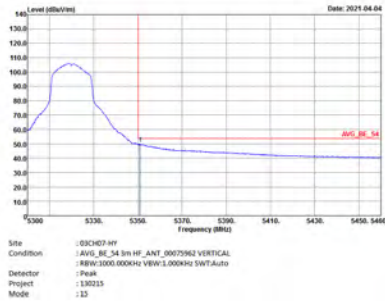
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHED-HY Condition : PEAK_RE_14 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30225 Mode : 14	Left blank
Avg.	 Site : DISCHED-HY Condition : AVG_RE_14 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30225 Mode : 14	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-AY Condition : PEAK_RE_74 5m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VIEW:5000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : 14	 Site : DISCHD-AY Condition : PEAK(FUNV) 5m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VIEW:5000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : 14
Avg.	 Site : DISCHD-AY Condition : AVG_RE_74 5m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VIEW:5000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : 14	Left blank



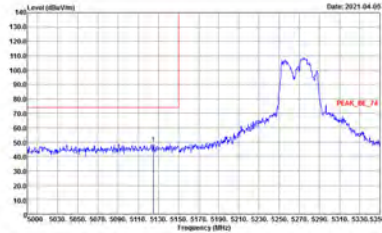
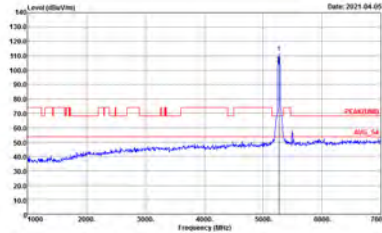
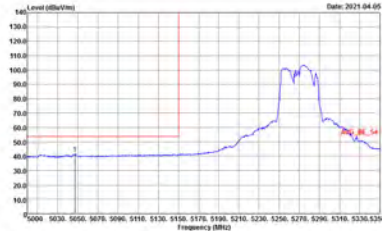
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

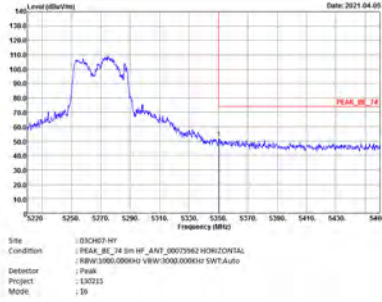
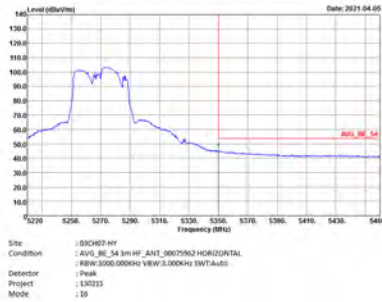
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : /PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 13	 Site : 03CH07-HY Condition : /PEAK(FUND) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 13
Avg.	 Site : 03CH07-HY Condition : /AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 13	Left blank

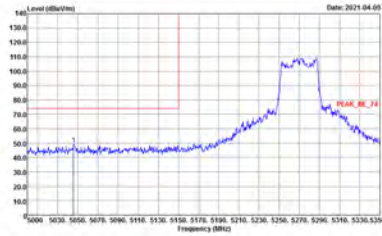
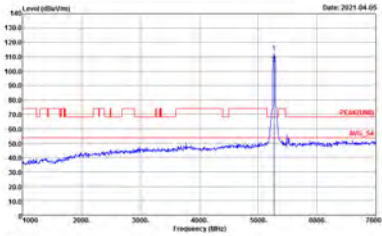
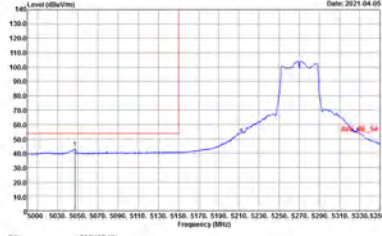
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

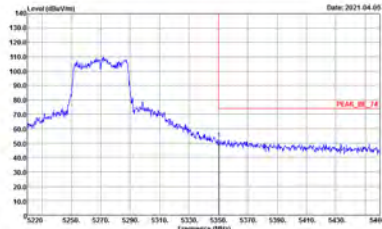
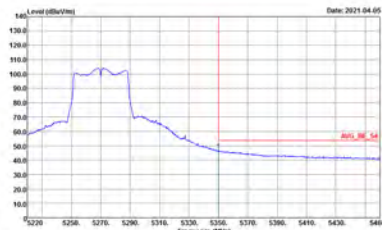


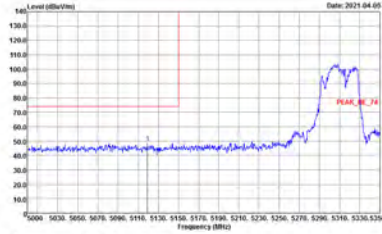
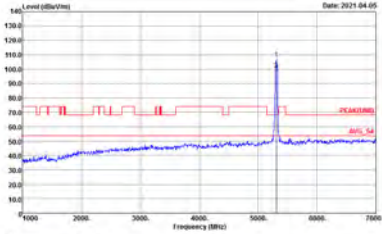
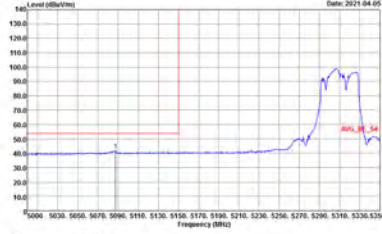
Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH03-RY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : 10	 Site : DISCH03-RY Condition : PEAK(FUN) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : 10
Avg.	 Site : DISCH03-RY Condition : AVG_RE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VIEW:3.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : 10	Left blank

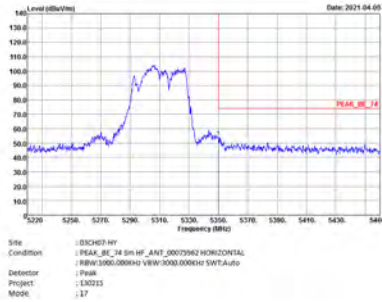
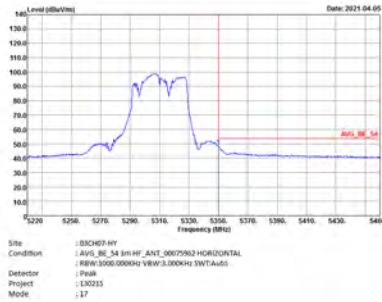
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

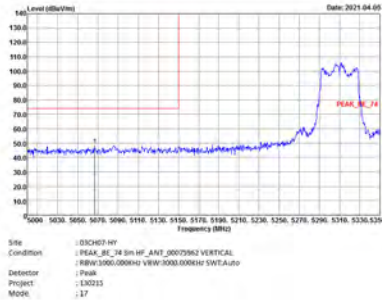
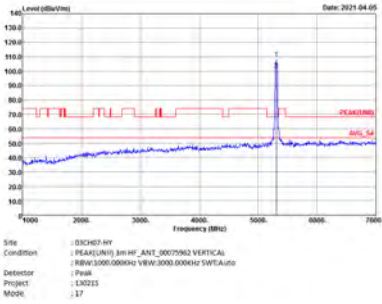
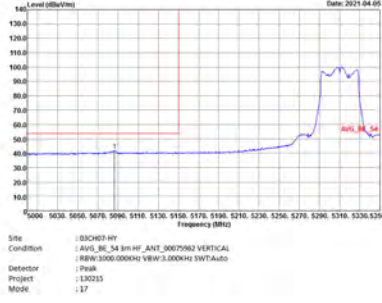
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-RV Condition : PEAK_RL_74 5m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : 10	 Site : DISCHD-RV Condition : PEAK_RL_74 5m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : 10
Avg.	 Site : DISCHD-RV Condition : PEAK_RL_74 5m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : 10	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1+2	Vertical	Fundamental
Peak	 Site : DISCH22-HF Condition : PEAK_RE_14 3m HF_ANT_00072962 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : L30225 Mode : 10	Left blank
Avg.	 Site : DISCH22-HF Condition : AVG_RE_14 3m HF_ANT_00072962 VERTICAL RBW:3000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : L30225 Mode : 10	Left blank

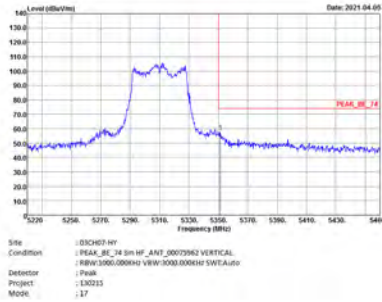
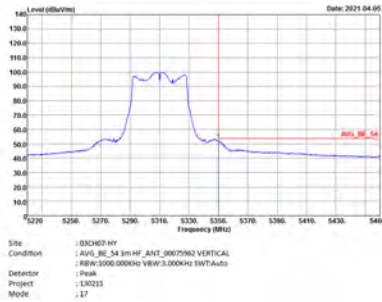
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD-AY Condition : (PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL) Detector : Peak Project : L30215 Mode : 17	 Site : DISCHD-AY Condition : (PEAK_FUND 3m HF_ANT_00075962 HORIZONTAL) Detector : Peak Project : L30215 Mode : 17
Avg.	 Site : DISCHD-AY Condition : (AVG_RE_74 3m HF_ANT_00075962 HORIZONTAL) Detector : Peak Project : L30215 Mode : 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

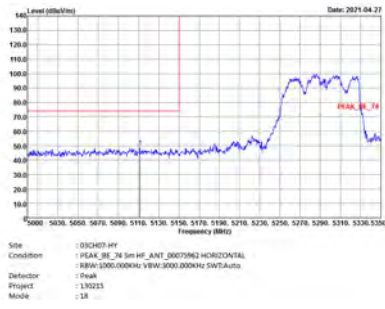
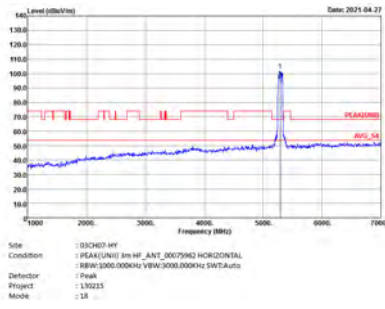
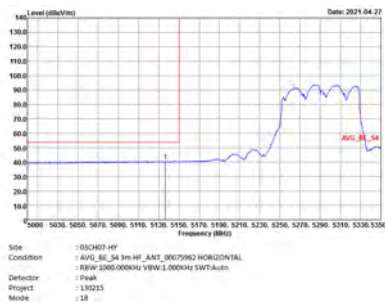
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank



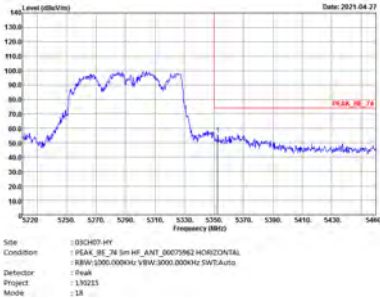
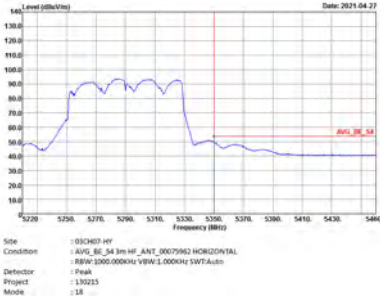
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



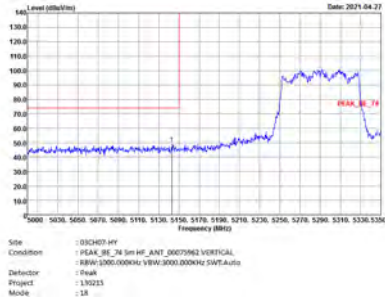
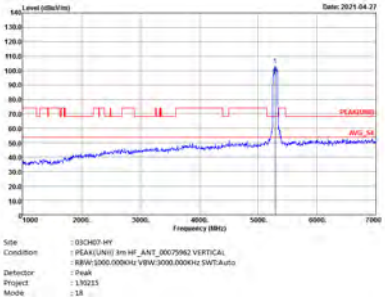
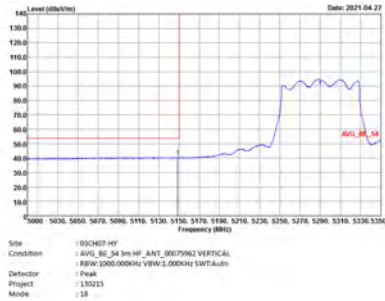
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

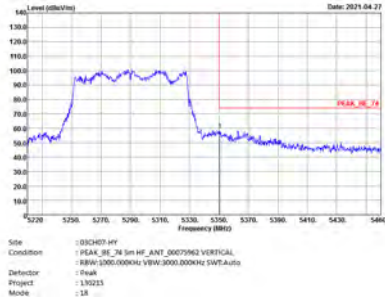
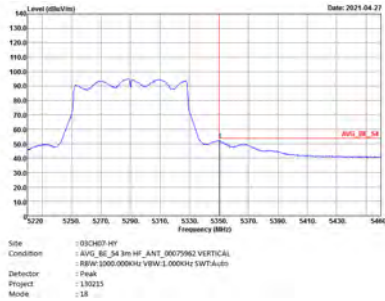


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

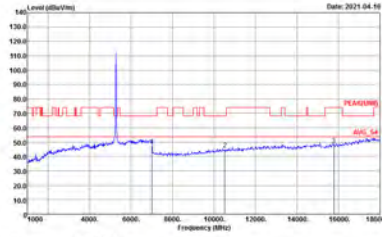
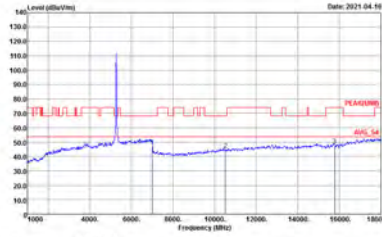


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

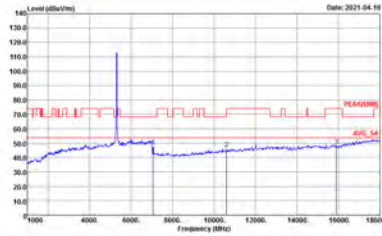
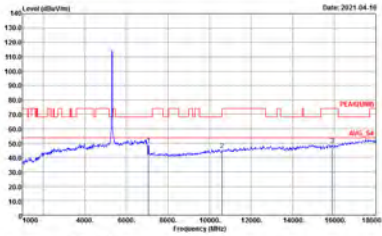


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

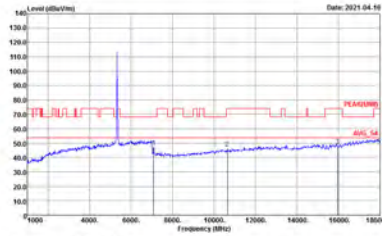
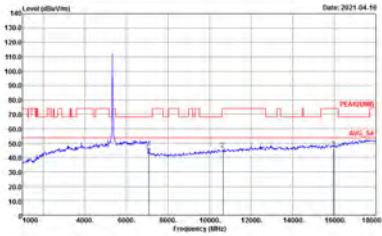
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-AY Condition : PEAK(UNITS) 3m HF_ANT_20070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 50	 Site : DISCHD-AY Condition : PEAK(UNITS) 3m HF_ANT_20070962 VERTICAL Detector : Peak Project : 130215 Mode : 50

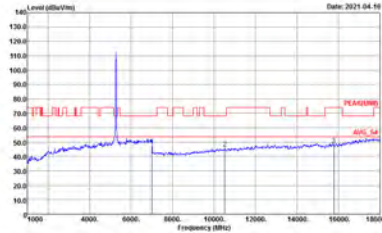
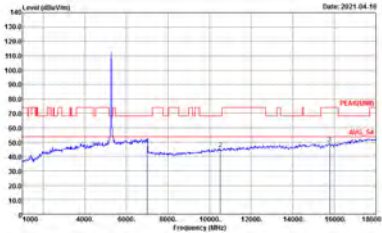


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHED-ANY Condition : PEAK(UNITS) 3m HP_ANT_20070902 HORIZONTAL Detector : Peak Project : 130215 Mode : 11	 Site : DISCHED-ANY Condition : PEAK(UNITS) 3m HP_ANT_20070902 VERTICAL Detector : Peak Project : 130215 Mode : 11

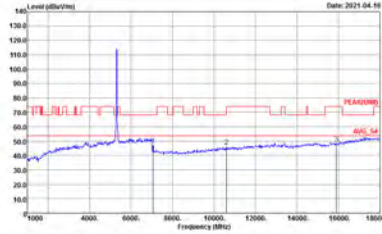
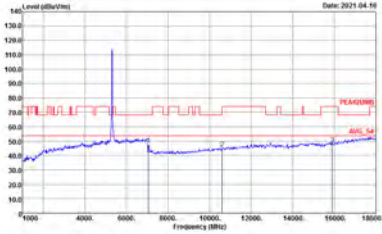


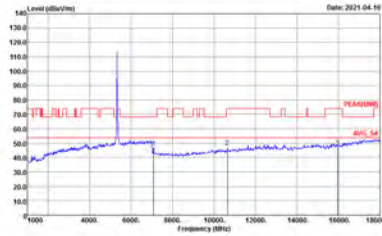
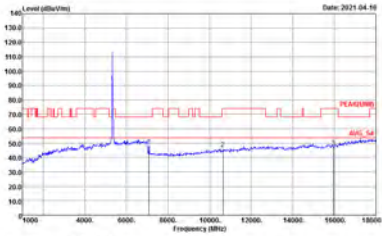
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : L2	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : L2

Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

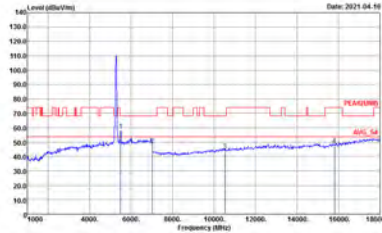
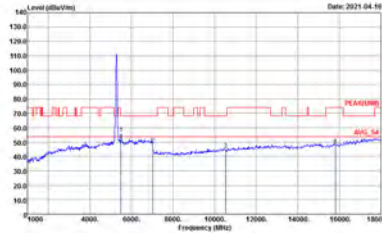
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-01 Condition : PEAK(AV) 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 13	 Site : DISCHD-01 Condition : PEAK(AV) 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 13



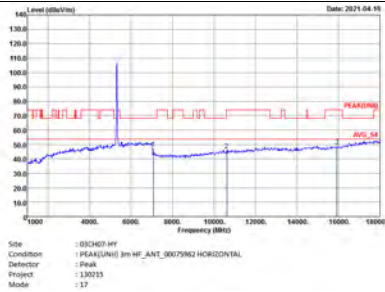
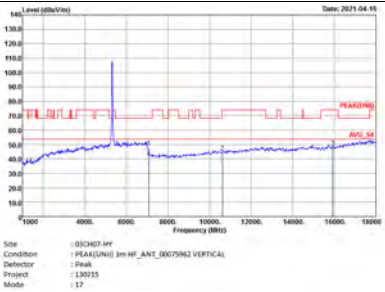
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHED-8H Condition : PEAK(UNIV) 3m HP_ANT_30070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 1A	 Site : DISCHED-8V Condition : PEAK(UNIV) 3m HP_ANT_30070962 VERTICAL Detector : Peak Project : 130215 Mode : 1A

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHED-8H Condition : PEAK(AVG) 3m HP_ANT_20070902 HORIZONTAL Detector : Peak Project : 130215 Mode : 15	 Site : DISCHED-8H Condition : PEAK(AVG) 3m HP_ANT_20070902 VERTICAL Detector : Peak Project : 130215 Mode : 15

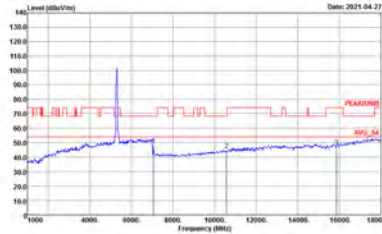
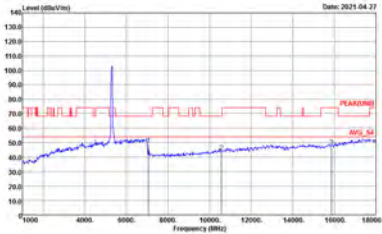
Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH54 5270	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 15	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 15



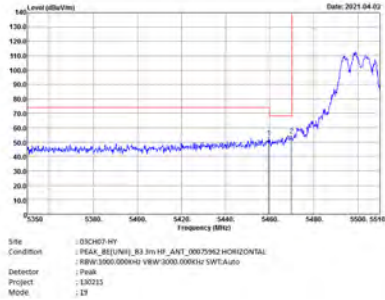
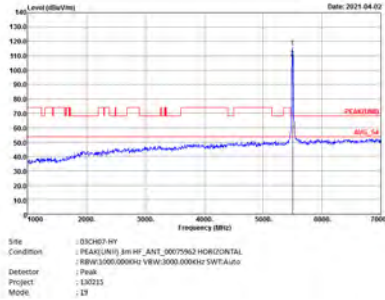
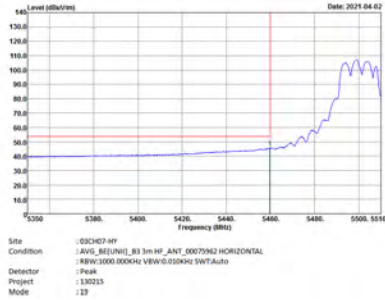
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH62 5310	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH03-HY Condition : PEA(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 130215 Mode : 17	 Site : 03CH03-HY Condition : PEA(LIN) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 130215 Mode : 17

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

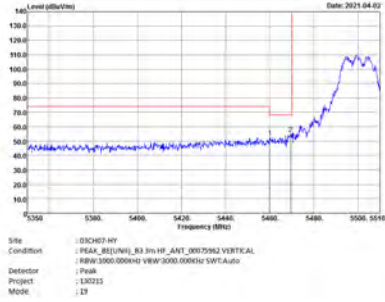
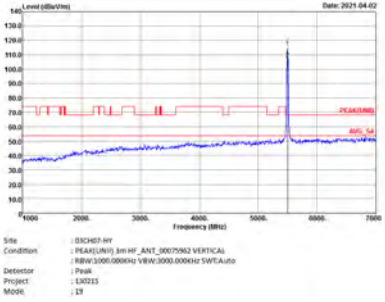
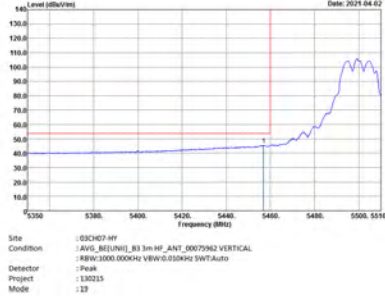
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHET-HY Condition : PEAK(UNIS) 8m HP_ANT_300075962 HORIZONTAL Detector : Peak Project : L30215 Mode : LF	 Site : DISCHET-HY Condition : PEAK(UNIS) 8m HP_ANT_300075962 VERTICAL Detector : Peak Project : L30215 Mode : LF



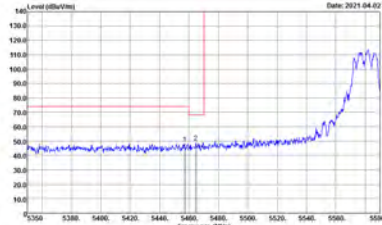
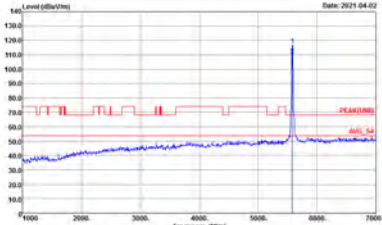
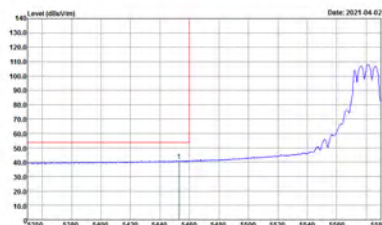
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

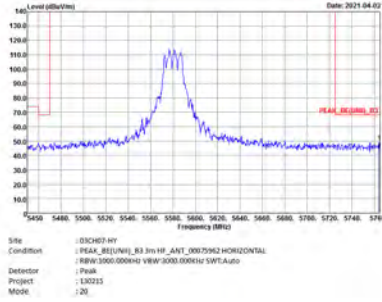


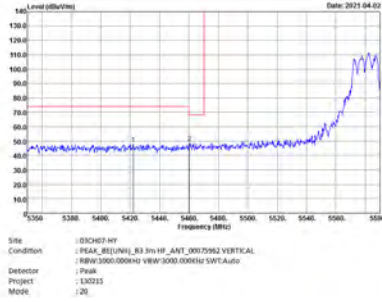
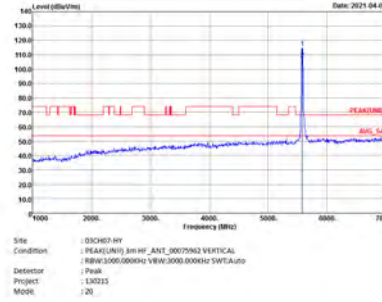
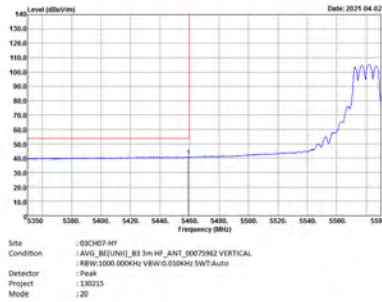
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Vertical	Fundamental
Peak	 Site : DISCH07-HP Condition : PEAK_BE(UWV)_B3 3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L3	 Site : DISCH07-HP Condition : PEAK(UWV)_3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L3
Avg.	 Site : DISCH07-HP Condition : AVG_BE(UWV)_B3 3m HP_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : L3	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH07-HP Condition : : PEAK_BE(UNH)_B3 3m HP_ANT_00075962 HORIZONTAL Detector : : Peak Project : : L30215 Mode : : 20	 Site : DISCH07-HP Condition : : PEAK(FUNV)_B3 3m HP_ANT_00075962 HORIZONTAL Detector : : Peak Project : : L30215 Mode : : 20
Avg.	 Site : DISCH07-HP Condition : : AVE_BE(UNH)_B3 3m HP_ANT_00075962 HORIZONTAL Detector : : Peak Project : : L30215 Mode : : 20	Left blank



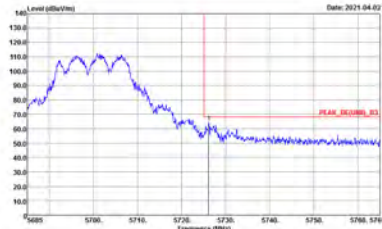
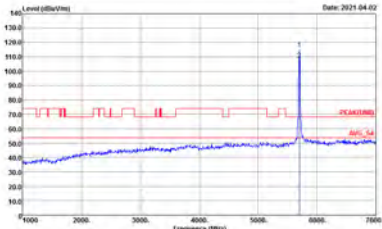
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

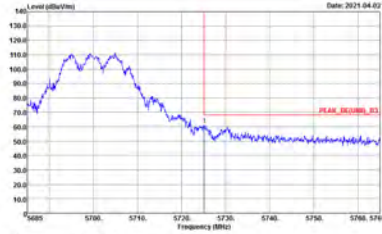
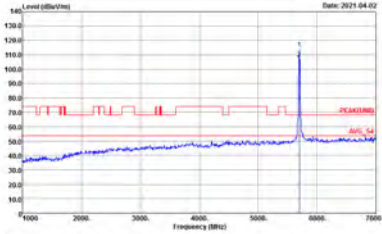


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

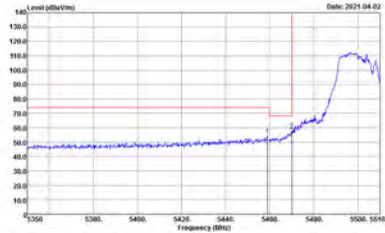
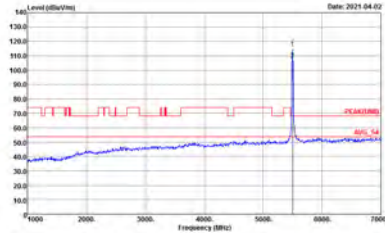
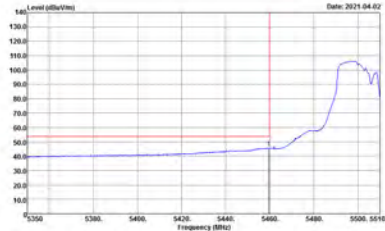


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH02-01 Condition : PEAK_BELUNH_83 3m HF_ANT_00075962 HORIZONTAL RBW: 3000.0000Hz VIEW: 3000.0000Hz SWT: Auto Detector : Peak Project : L30215 Mode : ZL	 Site : DISCH02-01 Condition : PEAK_BELUNH_83 3m HF_ANT_00075962 HORIZONTAL RBW: 3000.0000Hz VIEW: 3000.0000Hz SWT: Auto Detector : Peak Project : L30215 Mode : ZL



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-AY Condition : PEAK_BE(UNH)_B3 3m HF_ANT_50075962 VERTICAL RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : ZL	 Site : DISCHD-AY Condition : PEAK(UNH) 3m HF_ANT_50075962 VERTICAL RBW:3000.0000Hz VIEW:3000.0000Hz SWT:Auto Detector : Peak Project : L30215 Mode : ZL

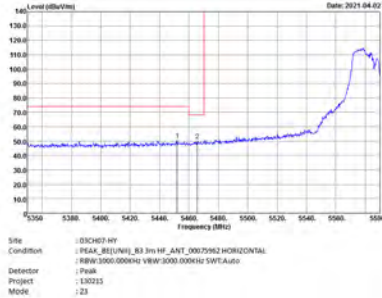
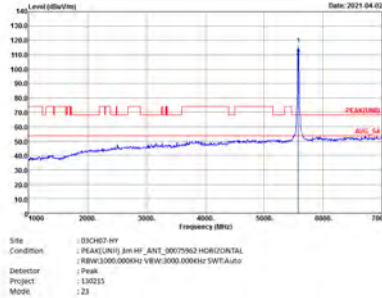
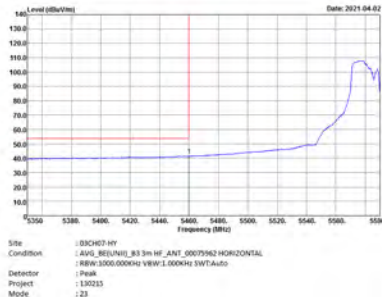
Band 3 5470~5725MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH20-01 Condition : PEAK_80211ac_VHT20_HORIZONTA Detector : Peak Project : 130215 Mode : 22	 Site : DISCH20-01 Condition : PEAK_80211ac_VHT20_FUNDAMENTAL Detector : Peak Project : 130215 Mode : 22
Avg.	 Site : DISCH20-01 Condition : AVG_80211ac_VHT20_HORIZONTA Detector : Peak Project : 130215 Mode : 22	Left blank

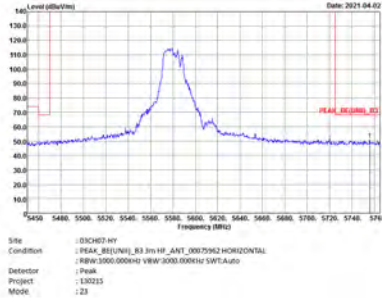


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

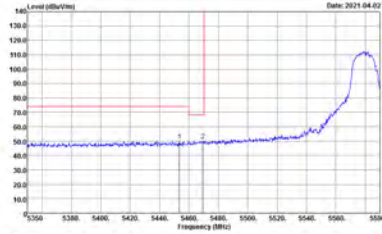
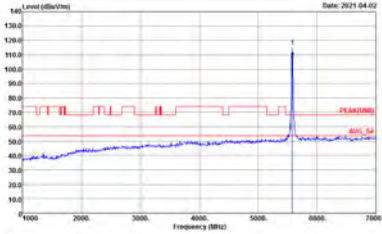
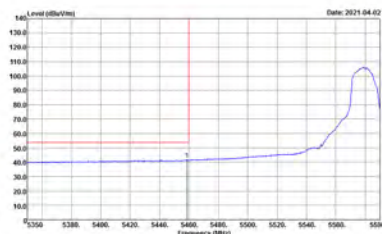


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

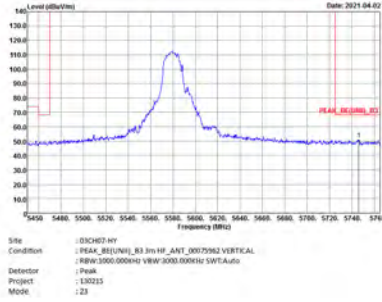


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

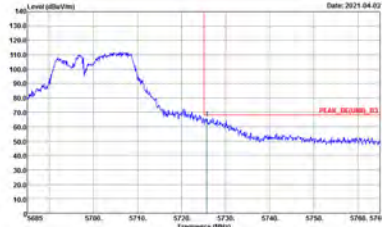
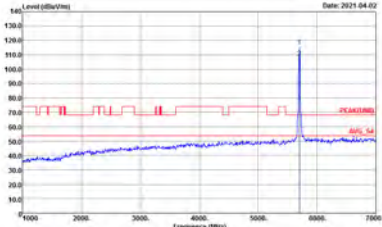


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCH02-HY Condition : (PEAK_BE)UNH_83 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 23	 Site : DISCH02-HY Condition : (PEAK_UNH) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 23
Avg.	 Site : DISCH02-HY Condition : (AVERAGE_BE)UNH_83 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 23	Left blank

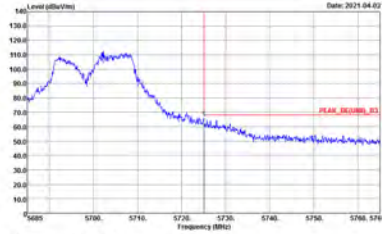
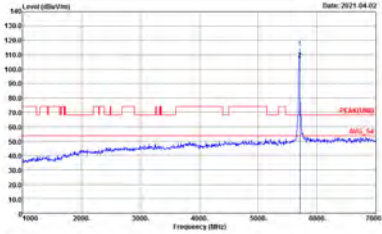


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank



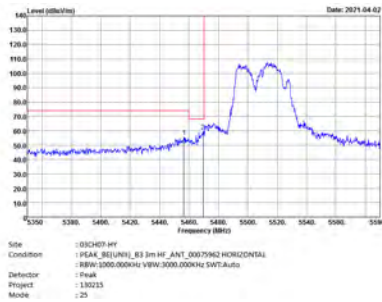
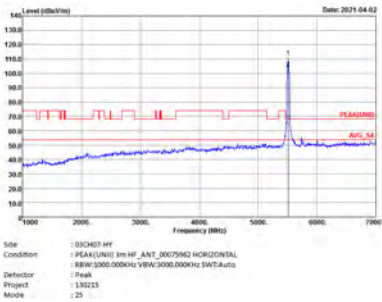
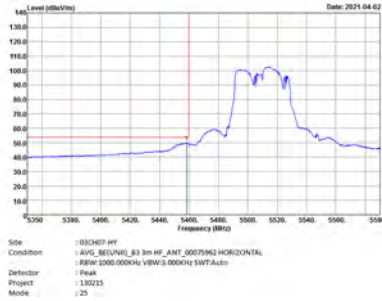
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD-AY Condition : PEAK_BE(UHF)_B3 3m HF_ANT_50075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 24	 Site : DISCHD-AY Condition : PEAK(FUNV)_B3 3m HF_ANT_50075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 24



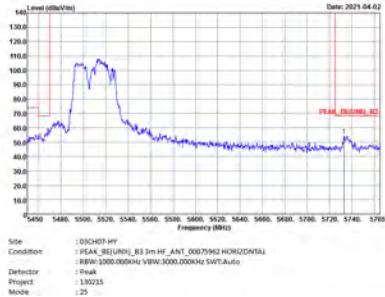
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-RY Condition : PEAK_BE(UNH)_B3 3m HF_ANT_50075962 VERTICAL Detector : RBW:3000.000Hz VIEW:3000.000Hz SWT:Auto Project : Peak Mode : 24	 Site : DISCHD-RY Condition : PEAK(FUNV)_B3 3m HF_ANT_50075962 VERTICAL Detector : RBW:3000.000Hz VIEW:3000.000Hz SWT:Auto Project : Peak Mode : 24

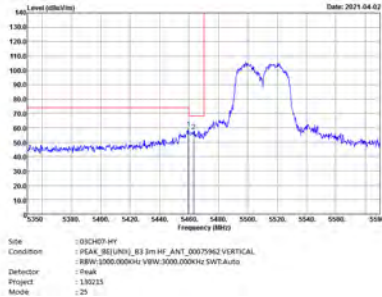
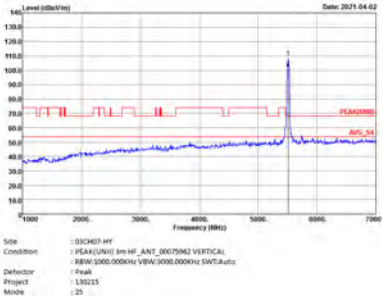
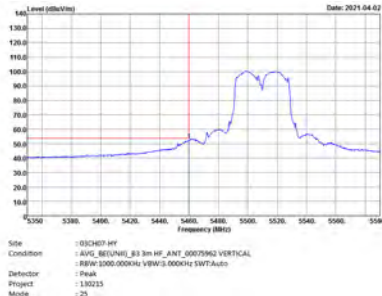


Band 3 5470~5725MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

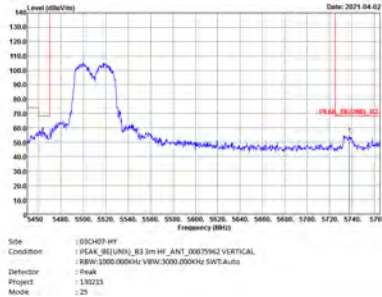
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank



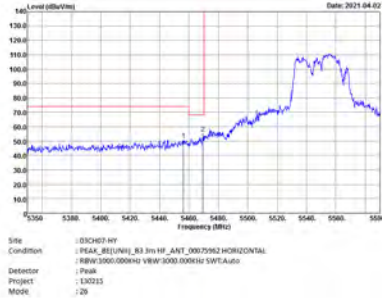
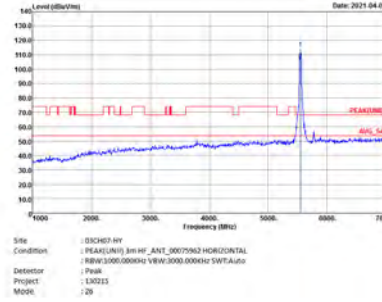
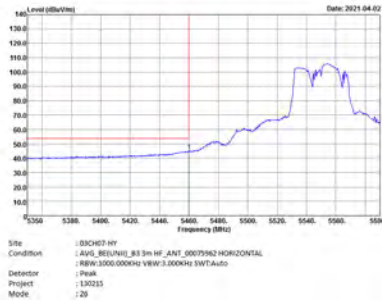
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07 HY Condition : : PEAK_36(LINK)_E3 3m HF_ANT_00079962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : : Peak Project : 130215 Mode : : 25	 Site : 03CH07 HY Condition : : PEAK(LINK) 3m HF_ANT_00079962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : : Peak Project : 130215 Mode : : 25
Avg.	 Site : 03CH07 HY Condition : : AVG_36(LINK)_E3 3m HF_ANT_00079962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : : Peak Project : 130215 Mode : : 25	Left blank

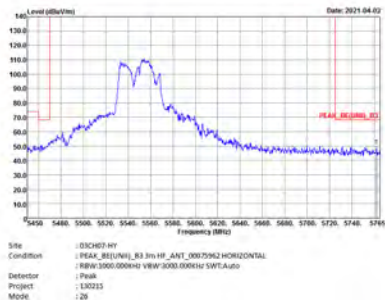


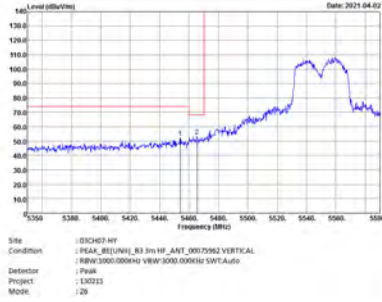
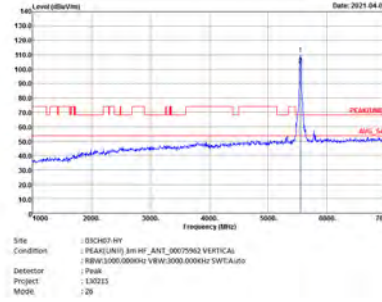
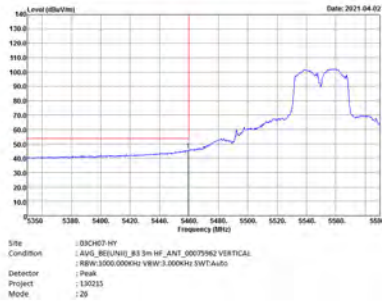
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank



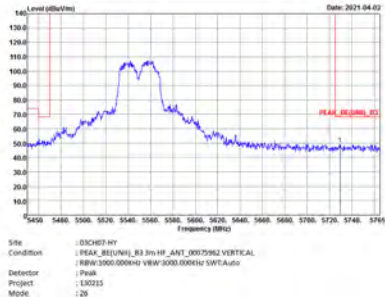
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

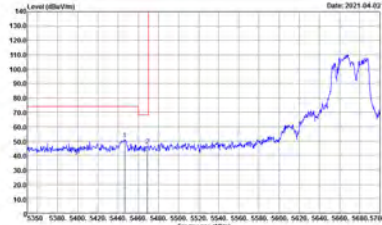
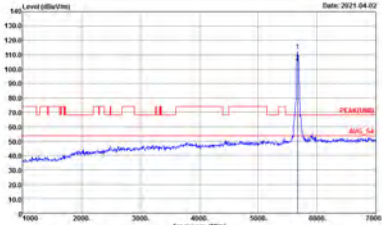
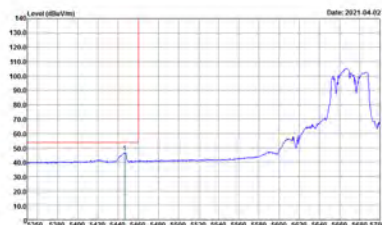


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

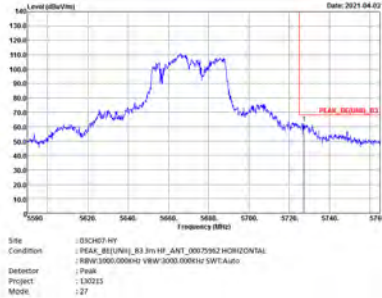
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

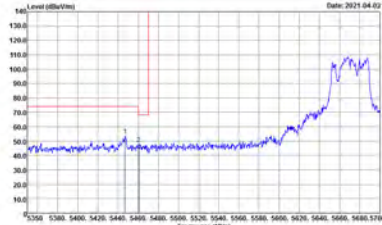
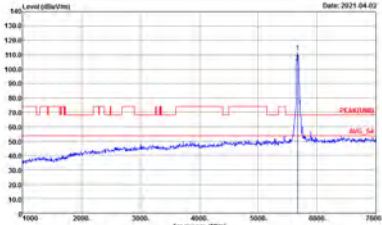
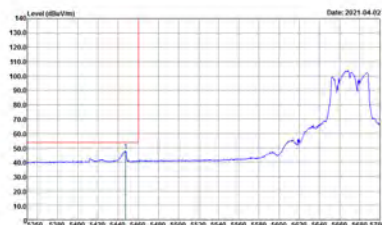


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

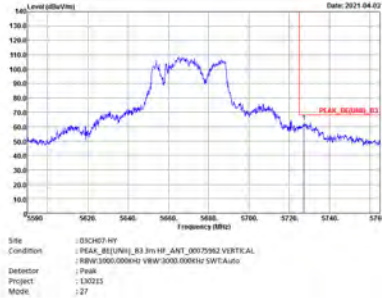
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD-KY Condition : (PEAK_BE)UNH_83 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 27	 Site : DISCHD-KY Condition : (PEAK(FUN)) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 27
Avg.	 Site : DISCHD-KY Condition : (AVERAGE)UNH_83 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 27	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

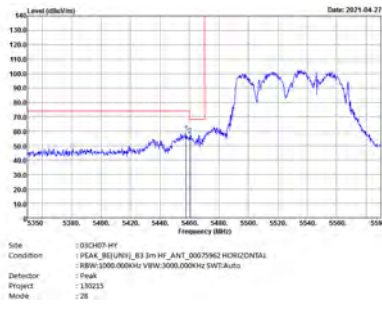
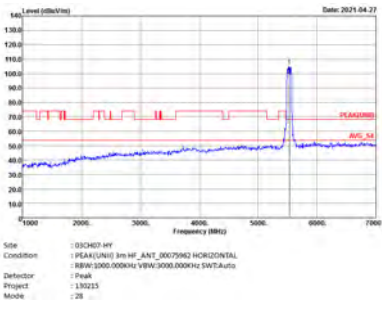
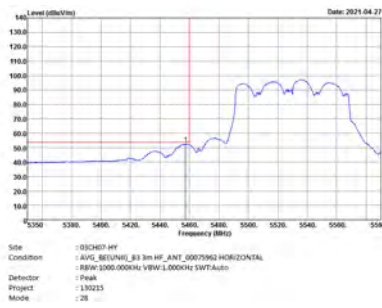
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-KY Condition : PEAK_BE(UHF)_83 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 27	 Site : DISCHD-KY Condition : PEAK(UHF) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 27
Avg.	 Site : DISCHD-KY Condition : AVE_BE(UHF)_83 3m HF_ANT_00075962 VERTICAL Detector : Avg Project : L30215 Mode : 27	Left blank



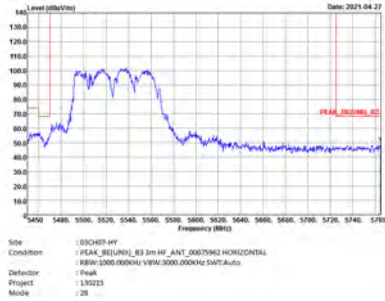
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank



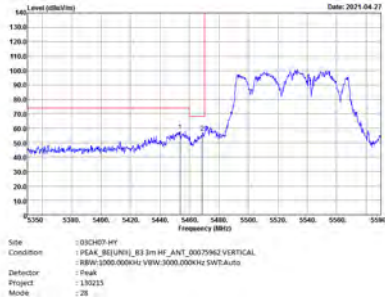
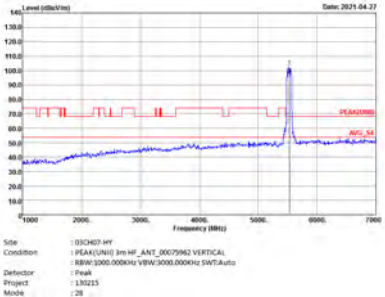
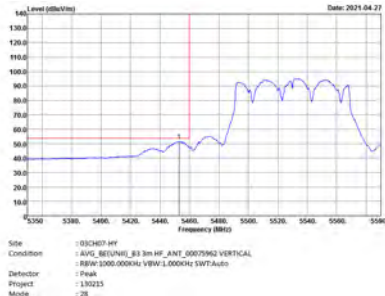
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD3 417 Condition : PEAK_80211ac VHT80 3m HF_ANT_00075962 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 130215 Mode : 28	 Site : DISCHD3 417 Condition : PEAK_80211ac VHT80 3m HF_ANT_00075962 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 130215 Mode : 28
Avg.	 Site : DISCHD3 417 Condition : AVG_80211ac VHT80 3m HF_ANT_00075962 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 130215 Mode : 28	Left blank

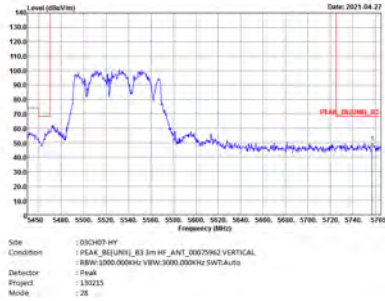


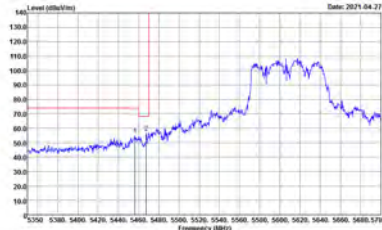
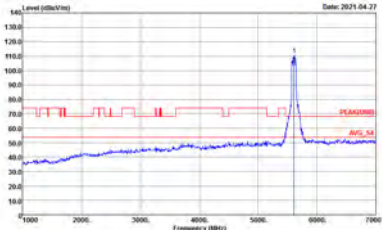
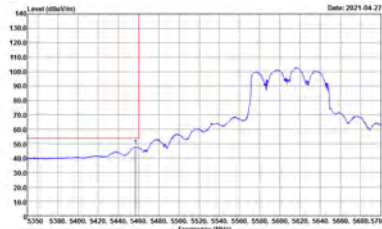
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank



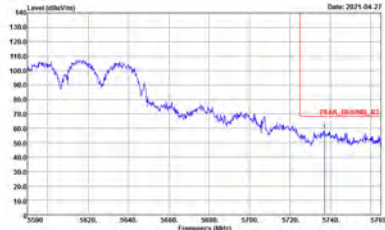
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

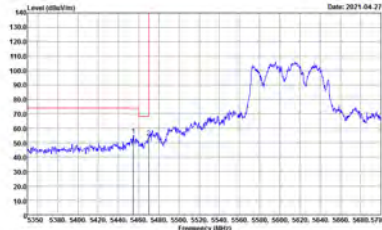
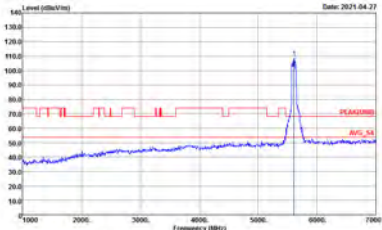
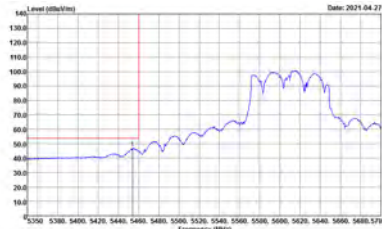


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

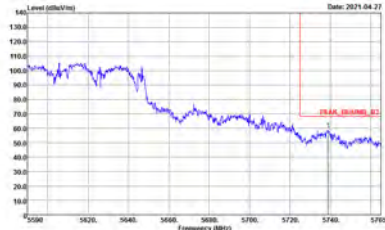
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCH03-447 Condition : PEAK_3E(LINK)_B3 3m HF_ANT_00075962 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 130215 Mode : 29	 Site : DISCH03-447 Condition : PEAK_3E(LINK)_B3 3m HF_ANT_00075962 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 130215 Mode : 29
Avg.	 Site : DISCH03-447 Condition : AVG_3E(LINK)_B3 3m HF_ANT_00075962 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 130215 Mode : 29	Left blank



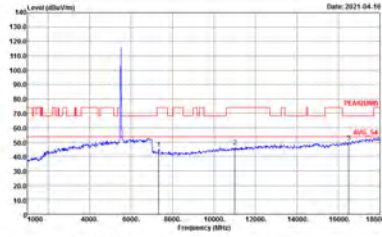
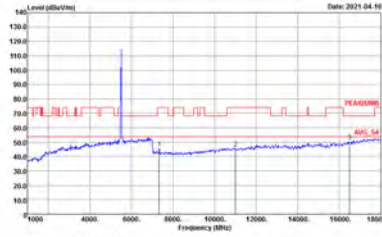
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHOD 447 Condition : PEAK_001400_01 3m RF ANT_00075962 HORIZONTAL RBW : 200.000kHz VBW : 3000.000kHz SFT:Auto Detector : Peak Project : 130215 Mode : 28	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCH03-447 Condition : PEAK_3E(LIN)/83 3m HF_ANT_00075962 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SFT: Auto Detector : Peak Project : 130215 Mode : 29	 Site : DISCH03-447 Condition : PEAK(LIN)/83 3m HF_ANT_00075962 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SFT: Auto Detector : Peak Project : 130215 Mode : 29
Avg.	 Site : DISCH03-447 Condition : AVG_3E(LIN)/83 3m HF_ANT_00075962 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SFT: Auto Detector : Peak Project : 130215 Mode : 29	Left blank

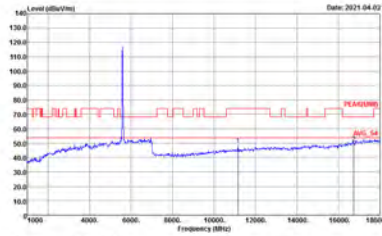
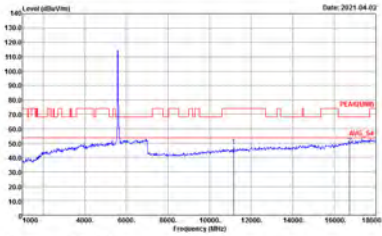


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : DISCHOD 447 Condition : PEAK_38(LINK)_03 3m RF_ANT_00075962 VERTICAL Reference : 200-1000Hz VEM 3000.000Hz 5470 Auto Detector : Peak Project : 130215 Mode : 25	Left blank

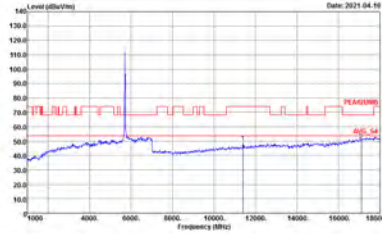
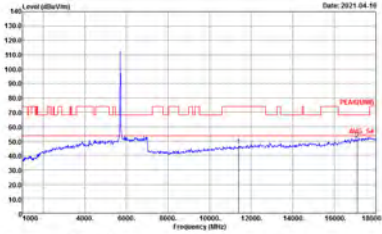
Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-AY Condition : PEAK(AVG) 3m HP_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 19	 Site : DISCHD-AY Condition : PEAK(AVG) 3m HP_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 19

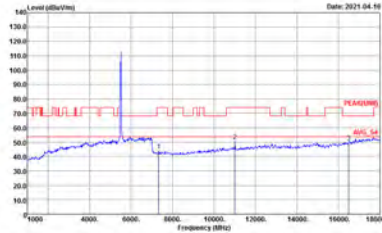
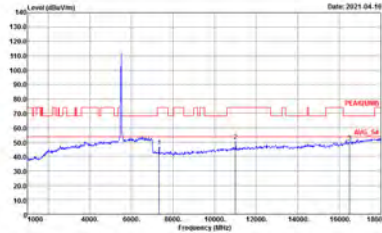


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-RY Condition : PEAK(UNIV) 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 20	 Site : DISCHD-RY Condition : PEAK(UNIV) 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 20

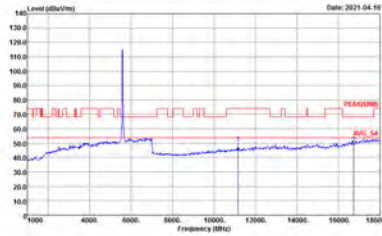
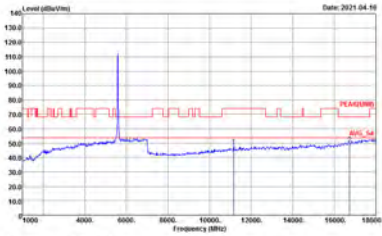


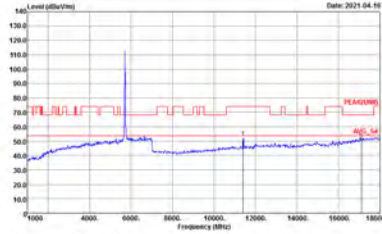
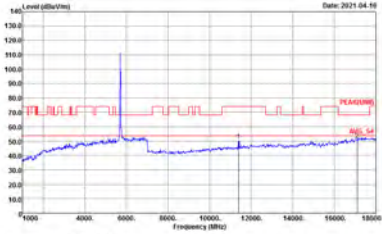
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHED-ANY Condition : PEAK(UNIV) 3m HP_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 21	 Site : DISCHED-ANY Condition : PEAK(UNIV) 3m HP_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 21

Band 3 5470~5725MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

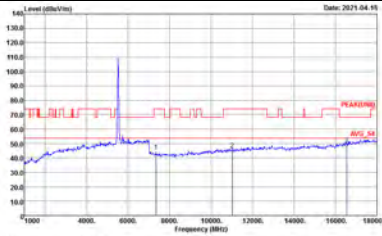
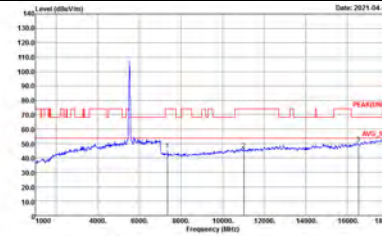
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-AY Condition : PEAK(AV) 3m HF_ANT_20070902 HORIZONTAL Detector : Peak Project : 130215 Mode : 22	 Site : DISCHD-AY Condition : PEAK(AV) 3m HF_ANT_20070902 VERTICAL Detector : Peak Project : 130215 Mode : 22



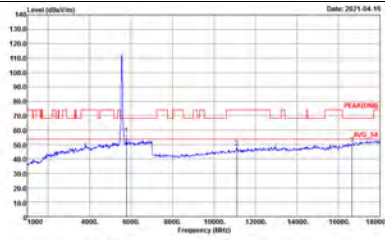
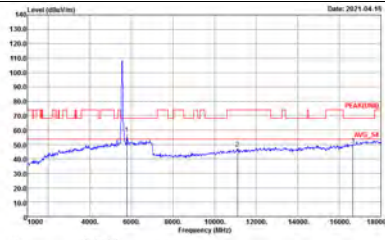
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 23	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 23

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 24	 Site : DISCHD-01 Condition : PEAK(UNIV) 3m HP_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 24

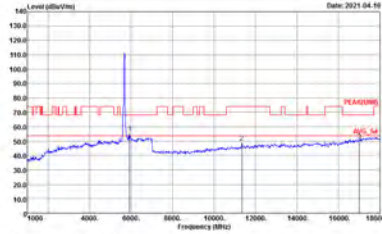
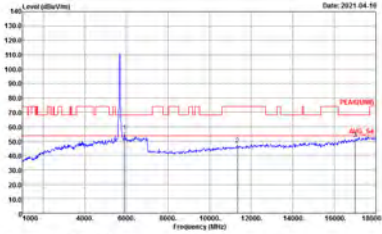
Band 3 5470~5725MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PRAK(LN11) 8m HF_ANT_90075962 HORIZONTAL Detector : Peak Project : 130215 Mode : 25	 Site : 03CH07-HY Condition : PRAK(LN11) 8m HF_ANT_90075962 VERTICAL Detector : Peak Project : 130215 Mode : 25

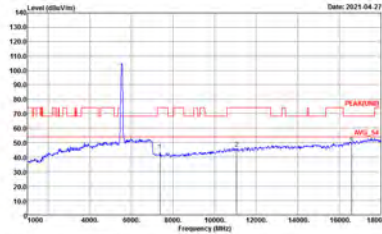
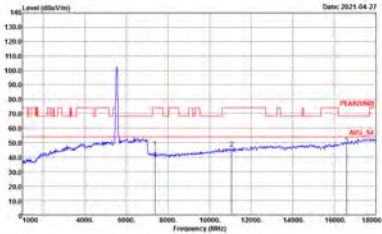


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH03 HY Condition : PRAK(LN11) 3m HF_ANT_30075962 HORIZONTAL Detector : Peak Project : 130215 Mode : 26	 Site : 03CH03 HY Condition : PRAK(LN11) 3m HF_ANT_30075962 VERTICAL Detector : Peak Project : 130215 Mode : 26

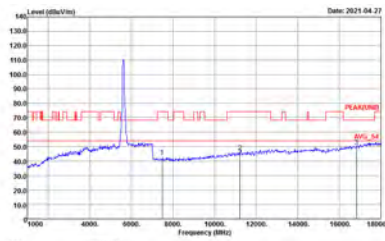
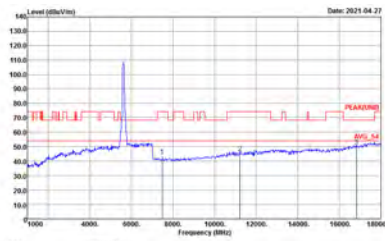


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHED-8H Condition : PEAK(UNIV) 3m HP_ANT_00070962 HORIZONTAL Detector : Peak Project : 130215 Mode : 27	 Site : DISCHED-8V Condition : PEAK(UNIV) 3m HP_ANT_00070962 VERTICAL Detector : Peak Project : 130215 Mode : 27

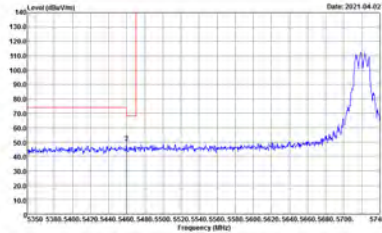
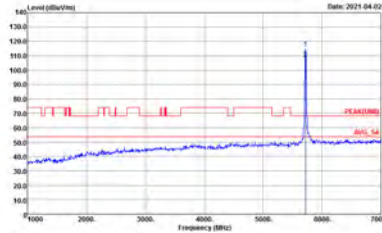
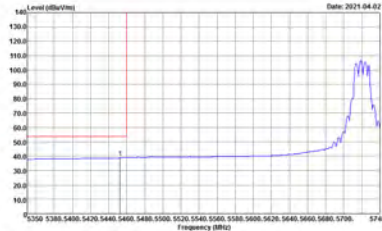
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCH07-4H Condition : PEAK(UNV) 5m HP_ANT_300075962 HORIZONTAL Detector : Peak Project : 130215 Mode : 2B	 Site : DISCH07-4H Condition : PEAK(UNV) 5m HP_ANT_300075962 VERTICAL Detector : Peak Project : 130215 Mode : 2B

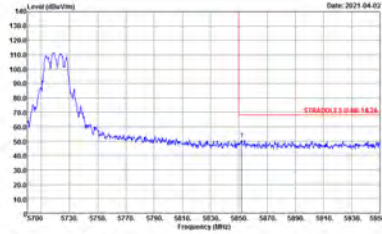


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHET-4H Condition : PEAK(UNITS) 5m HP_ANT_300075962 HORIZONTAL Detector : Peak Project : L30215 Mode : 29	 Site : DISCHET-4H Condition : PEAK(UNITS) 5m HP_ANT_300075962 VERTICAL Detector : Peak Project : L30215 Mode : 29

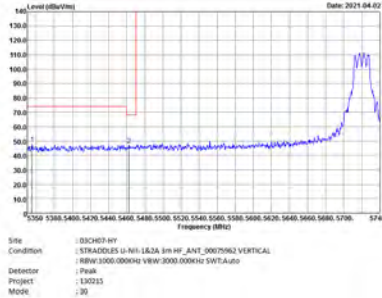
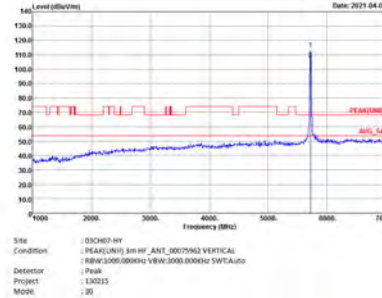
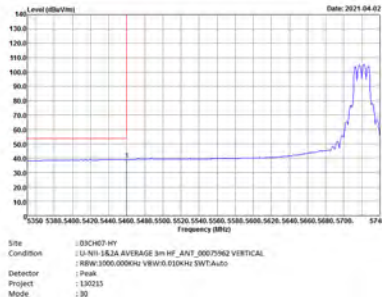
Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHES-AY Condition : STRADDLES U-NH-1&2A 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:2000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : 30	 Site : DISCHES-AY Condition : PEAK(U-NH) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:2000.000kHz SWT:Auto Detector : Peak Project : L30215 Mode : 30
Avg.	 Site : DISCHES-AY Condition : U-NH-1&2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:0.010kHz SWT:Auto Detector : Peak Project : L30215 Mode : 30	Left blank

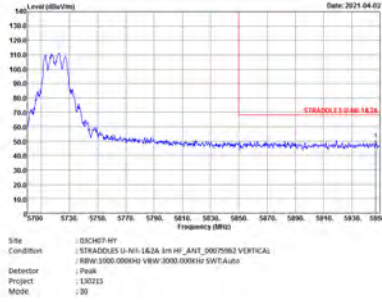


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHCO AP Condition : STRADOL 1.0 0.00 14.3A 1m RF ANT_00075982 HORIZONTAL Detector : RBW 1000.000000 VIEW 2000.000000 SWT:Auto Project : Peak Mode : L30225 Date: 2021 04 02	Left blank

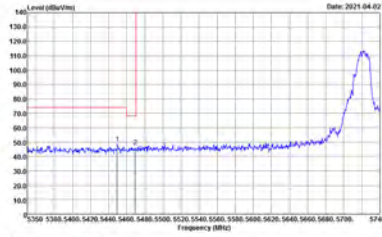
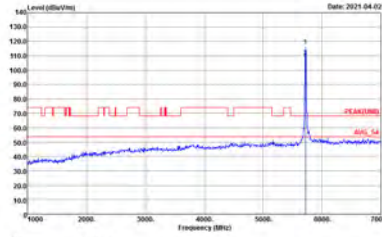
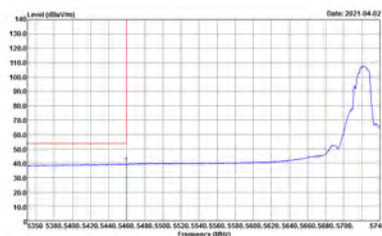


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

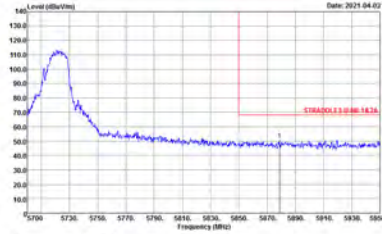


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

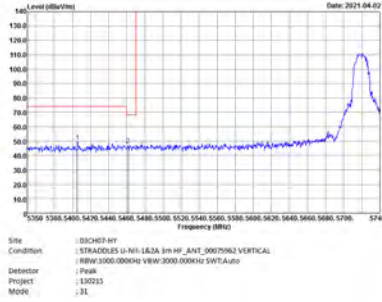
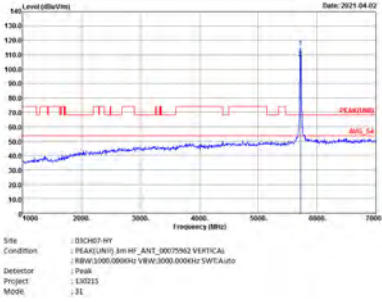
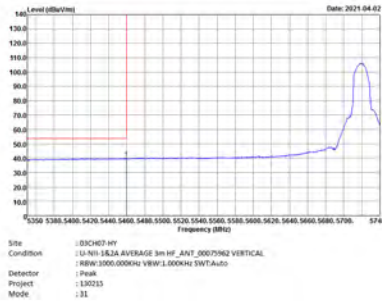
Band 3 – Straddle Channel
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD-KY Condition : STRADDLES U-NH-16.2A 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:2000.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 31	 Site : DISCHD-KY Condition : PEAK(U-NH) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:2000.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 31
Avg.	 Site : DISCHD-KY Condition : U-NH-16.2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VIEW:1.000kHz SWT:Auto Detector : Peak Project : 130215 Mode : 31	Left blank

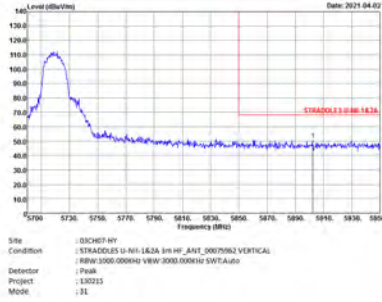


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHCO 4M Condition : STRADDLES U-NH-162A 3m HF_ANT_00075962 HORIZONTAL Detector : RBW 1000.0000MHz VIEW 2000.0000Hz SWT:Auto Project : Peak Mode : 3L	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank



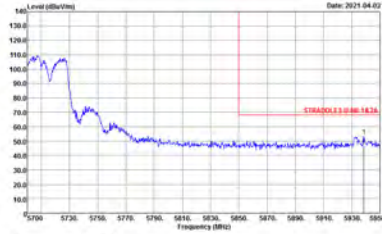
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : DISCHCO 4M Condition : STRADOL 1.0 0.000 14.3A 1M RF ANT_00075962 VERTICAL Detector : RBW 1000.000000 VIEW 2000.000000 SWT Auto Project : Peak Mode : 3L	Left blank

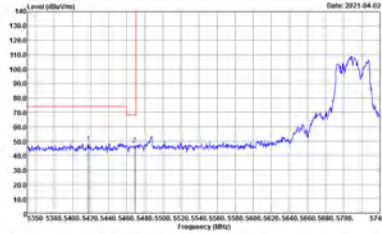
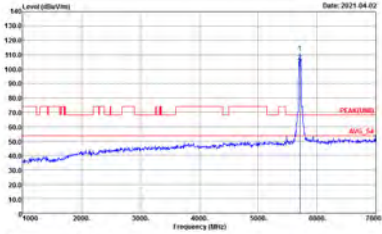
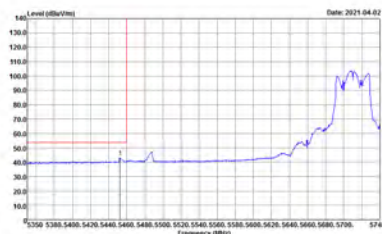


Band 3 – Straddle Channel
WIFI 802.11ac VHT40 (Band Edge @ 3m)

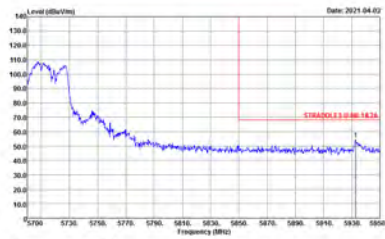
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHORD 4M Condition : STRADDLES U-NH-142A 3m HF_ANT_00075962 HORIZONTAL Detector : RBW 1000.0000MHz VIEW 2000.0000Hz SWT:Auto Project : Peak Mode : S2	Left blank

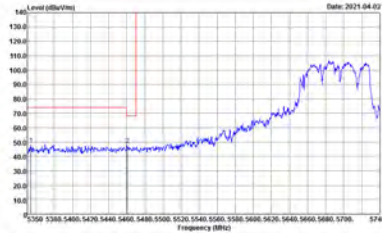
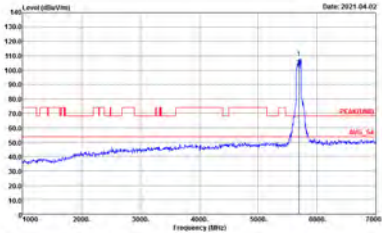
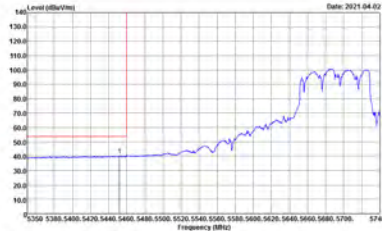
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCHED-4M Condition : STRADDLES U-NH-142A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 32	 Site : DISCHED-4M Condition : PEAK(U-NH) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 32
Avg.	 Site : DISCHED-4M Condition : U-NH-142A AVERAGE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : L30215 Mode : 32	Left blank



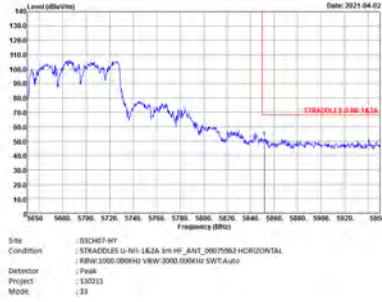
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : DISCHCO AP Condition : STRADDLES U-NH-142A 3m HF_ANT_00070902 VERTICAL Detector : RBW 1000.0000MHz VIEW 2000.0000Hz SWT:Auto Project : Peak Mode : S2	Left blank

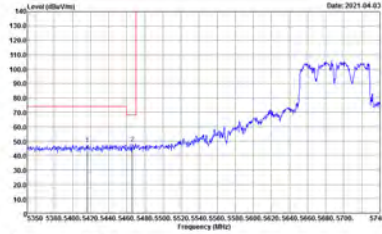
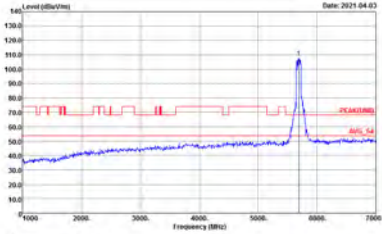
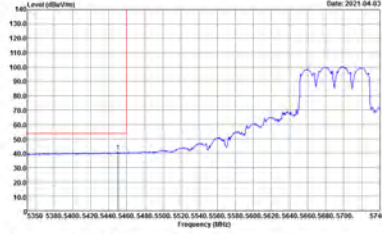


Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

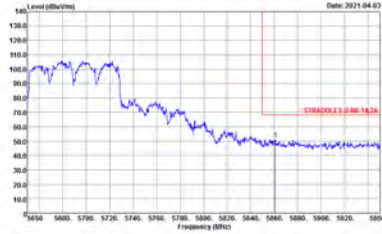
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : DISCHD-KY Condition : STRADDLES U-NH-1&2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 130215 Mode : 33	 Site : DISCHD-KY Condition : PEAK(U-NH) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 130215 Mode : 33
Avg.	 Site : DISCHD-KY Condition : U-NH-1&2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 130215 Mode : 33	Left blank



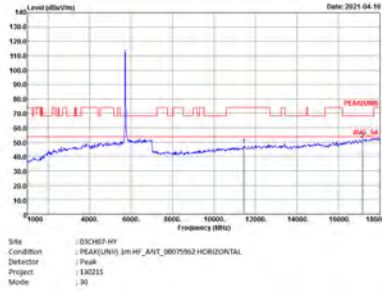
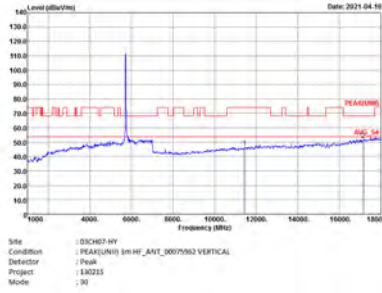
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : DISCHD-KY Condition : STRADDLES U-NH-16.2A 3m HF_ANT_00070902 VERTICAL Detector : Peak Project : 130215 Mode : 33	 Site : DISCHD-KY Condition : PEAK(U-NH) 3m HF_ANT_00070902 VERTICAL Detector : Peak Project : 130215 Mode : 33
Avg.	 Site : DISCHD-KY Condition : U-NH-16.2A AVERAGE 3m HF_ANT_00070902 VERTICAL Detector : Peak Project : 130215 Mode : 33	Left blank

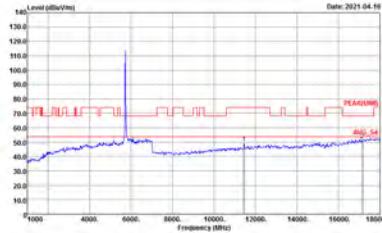
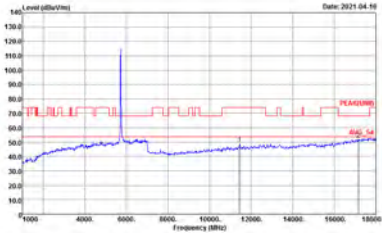


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : DISCHARD ANT Condition : STRADDLES U-NH-142A 3m HF_ANT_00075902 VERTICAL Detector : RBW 1000.000000 VIEW 2000.000000 SWT Auto Project : Peak Mode : L30225 Date: 2021.04.02	Left blank

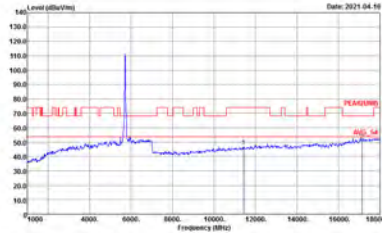
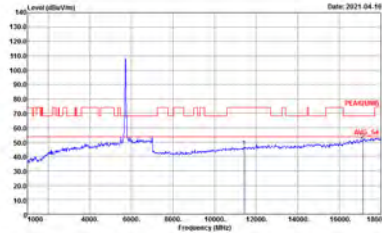
Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.		

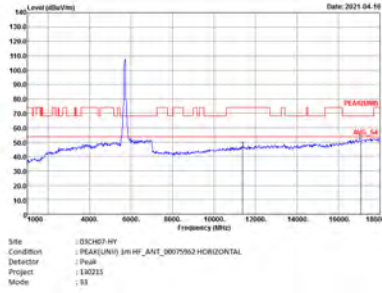
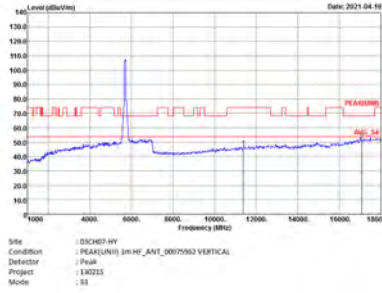
Band 3 – Straddle Channel
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-AY Condition : PEAK(UNITS) (m) HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 140215 Mode : R1	 Site : DISCHD-AY Condition : PEAK(UNITS) (m) HF_ANT_00070962 VERTICAL Detector : Peak Project : 140215 Mode : R1

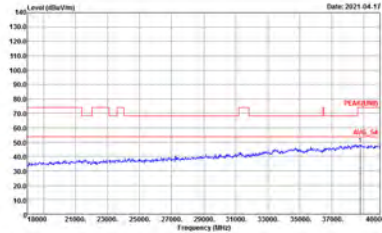
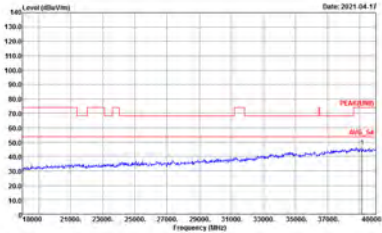
Band 3 – Straddle Channel
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : DISCHD-AY Condition : PEAK(AV) (3m HF_ANT_00070962 HORIZONTAL) Detector : Peak Project : 140215 Mode : S2	 Site : DISCHD-AY Condition : PEAK(AV) (3m HF_ANT_00070962 VERTICAL) Detector : Peak Project : 140215 Mode : S2

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

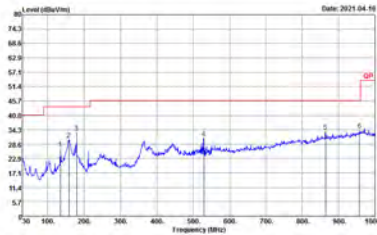
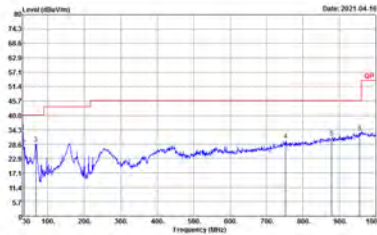
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2	Horizontal	Vertical
Peak Avg.		

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

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 SHF	
1+2	Horizontal	Vertical
QP / Peak	 Site : DISCHES-AN Condition : PEAK (UNITS) 1m SHF-EHF_3170201 HORIZONTAL Detector : Peak Project : 130215 Mode : 3A	 Site : DISCHES-AN Condition : PEAK (UNITS) 1m SHF-EHF_3170201 VERTICAL Detector : Peak Project : 130215 Mode : 3A



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

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : DISCHED-ANY Condition : QP 3m LF-ANT (2413)(H) HORIZONTAL Detector : Peak Project : 130215 Mode : 25	 Site : DISCHED-ANY Condition : QP 3m LF-ANT (2413)(V) VERTICAL Detector : Peak Project : 130215 Mode : 25

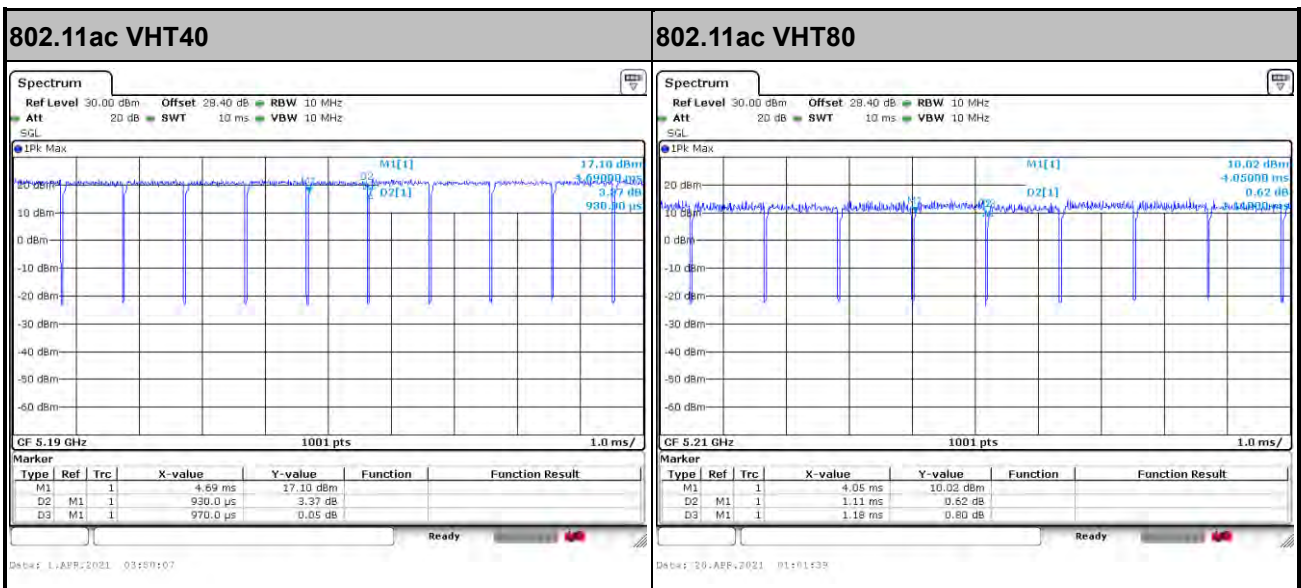
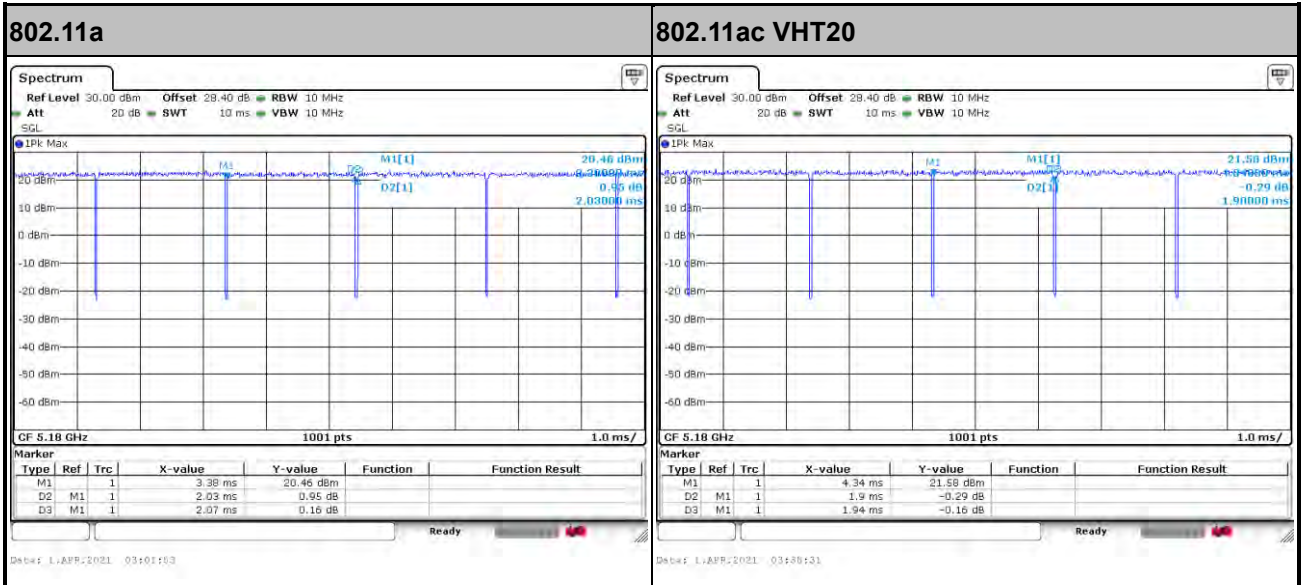


Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1+2	802.11a for Ant 1	98.07	-	-	10Hz	0.08
1+2	802.11a for Ant 2	98.07	-	-	10Hz	0.08
1+2	5GHz 802.11ac VHT20 for Ant 1	97.94	1900	0.53	1kHz	0.09
1+2	5GHz 802.11ac VHT20 for Ant 2	97.94	1900	0.53	1kHz	0.09
1+2	5GHz 802.11ac VHT40 for Ant 1	95.88	930	1.08	3kHz	0.18
1+2	5GHz 802.11ac VHT40 for Ant 2	94.85	920	1.09	3kHz	0.23
1+2	5GHz 802.11ac VHT80 for Ant 1	94.07	1110	0.90	1kHz	0.27
1+2	5GHz 802.11ac VHT80 for Ant 2	94.02	1100	0.91	1kHz	0.27



MIMO <Ant. 1>





MIMO <Ant. 2>

