NCC RADIO TEST REPORT

Equipment	:	**Wireless Access Point**
Brand Name	:	**Ruckus**
Model Name	:	**R550**
Applicant	:	**Ruckus Wireless Inc.** **350 W. Java Dr., Sunnyvale CA 94089 USA**
Manufacturer	:	**Ruckus Wireless Inc.** **350 W. Java Dr., Sunnyvale CA 94089 USA**
Standard	:	**NCC LP0002 (2018-01-10)**

The product was received on Jan. 22, 2019 and testing was started from Jan. 27, 2020 and completed on Mar. 10, 2020. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures NCC LP0002 (2018-01-10) and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (USA) Inc., the test report shall not be reproduced except in full.

Sporton Lab in Taiwan is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No.TW1190 under the FCC rule by Mutual Recognition Agreement (MRA) in FCC Test.

Approved by: Ken Chen

Sporton International (USA) Inc.
1175 Montague Expressway, Milpitas, CA 95035

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History of this test report

Report No.	Version	Description	Issued Date
TR200117001E	01	Initial issue of report	May 07, 2020
TR200117001E	02	Revise Antenna type information and test data	Jun. 29, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	LP0002 4.7.3	26dB Bandwidth	Pass	-
3.1	LP0002 4.7.3	99% Occupied Bandwidth	Reporting only	-
3.2	LP0002 4.7.3	Maximum Conducted Output Power	Pass	-
3.3	LP0002 4.7.3	Power Spectral Density	Pass	-
3.4	LP0002 4.7.4	Unwanted Emissions	Pass	Under limit 0.16 dB at 5357.280 MHz
3.5	LP0002 2.3	AC Conducted Emission	Pass	Under limit 2.48 dB at 0.461 MHz
3.6	LP0002 4.7.6	Automatically Discontinue Transmission	Pass	-
3.7	LP0002 2.2 4.7.8	Antenna Requirement	Pass	-
-	LP0002 2.11	Receiver Radiated Emission	Pass	Please refer to test report. Report No.: TR021504C
Annex B	LP0002 2.2 5.20.2	Maximum Power Density	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.

1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type / Gain	WLAN (Brand Name: Ruckus / Model Name: A550h25br): <Ant. 1> Internal Antenna / 2.4GHz: -1.5dBi, 5GHz: -2.5dBi <Ant. 2> Internal Antenna / 2.4GHz: -0.5dBi, 5GHz: -1.5dBi Bluetooth (Brand Name: Ruckus / Model Name: IOT): Metal Antenna /1dBi Zigbee (Brand Name: Ruckus / Model Name: IOT): Metal Antenna / 1dBi

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	Sporton International (USA) Inc.		
Test Site Location	1175 Montague Expressway, Milpitas, CA 95035 TEL : 408 9043300		
Test Site No.	**Sporton Site No.**		
	TH01-CA	CO01-CA	03CH02-CA

1.4 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- NCC LP0002 (2018-01-10)
- 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: All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z and Accessory (POE or Adapter). The worst cases (Y plane with POE) 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)
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, 802.11ac VHT40 and 802.11ax HE80.
2. The above Frequency and Channel in "#" were 802.11ac VHT80 and 802.11ax HE80.

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 HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ac VHT80 (Covered by HE80)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (2.4GHz) Idle + WLAN (5GHz) Link + Zigbee Idle + PoE + LAN Link

Remark: Radiated Spurious Emissions for LF and above 18G only test the worst case. Please refer to Sporton Report Number TR200117001D.

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

Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE20	802.11ax HE20
L	Low	52	100
M	Middle	60	116
H	High	64	140
Straddle		-	144

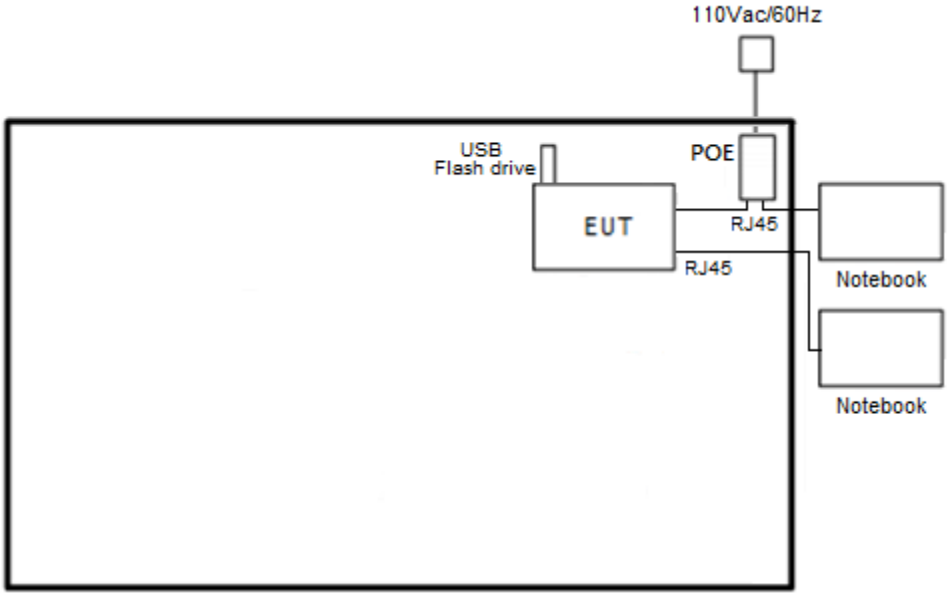
Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40
L	Low	54	102
M	Middle	-	110
H	High	62	134
Straddle		-	142

Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80
L	Low	-	106
M	Middle	58	122
H	High	-	-
Straddle		-	138

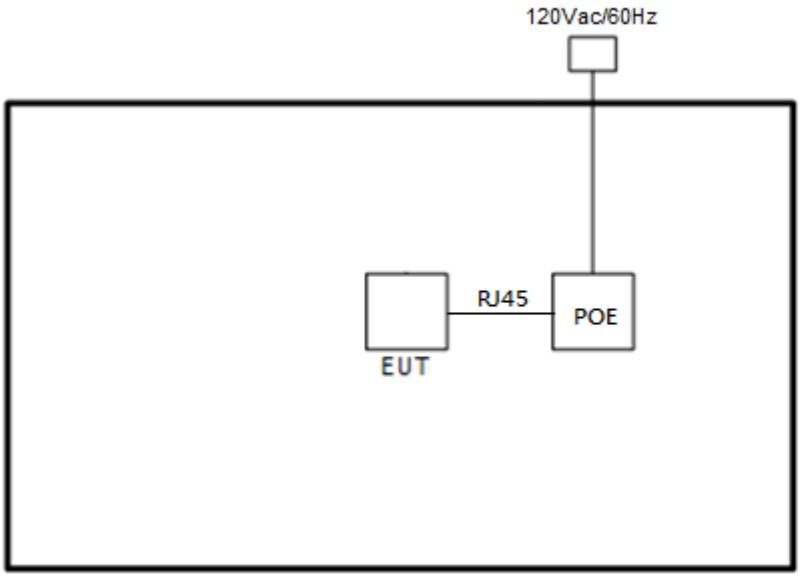
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	DELL	P79G	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	DELL	E6430	N/A	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	USB Flash drive	SanDisk	N/A	N/A	N/A	N/A
4.	Notebook	HP	15t-cu000	QDS-BRCM1019	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	PoE Adapter	Ruckus Wireless Inc.	N/A	N/A	N/A	N/A
6.	Adapter	Ruckus Wireless Inc.	APH-5020	N/A	N/A	N/A

Remark: Applicant has ensured accessory would not be attached with the product on the market, accessory is provided by lab or applicant for testing.

2.5 EUT Operation Test Setup

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

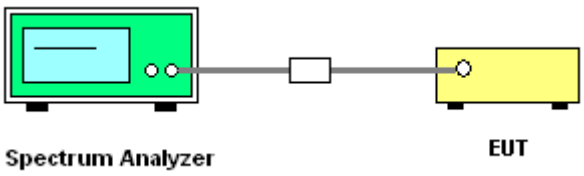
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

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

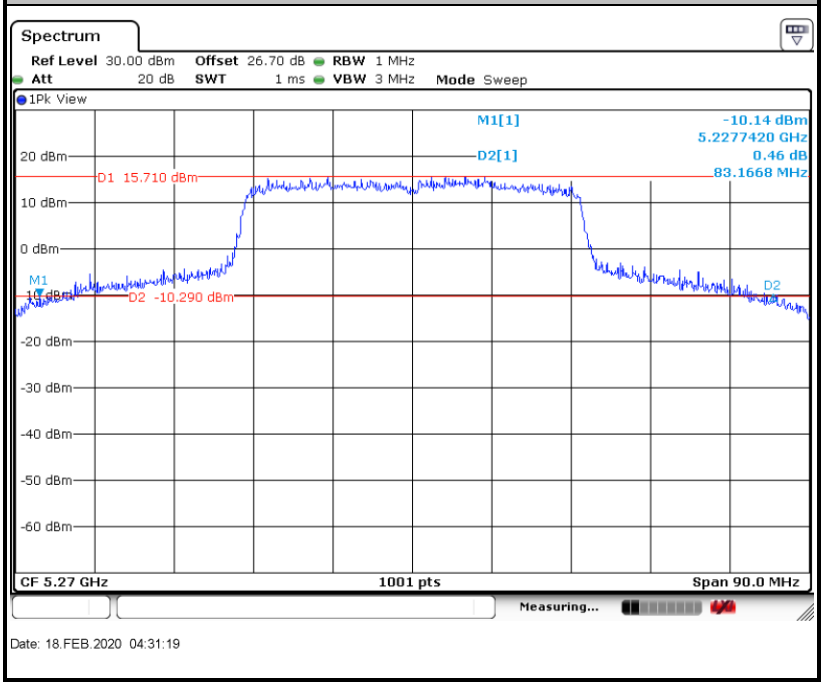
3.1.4 Test Setup



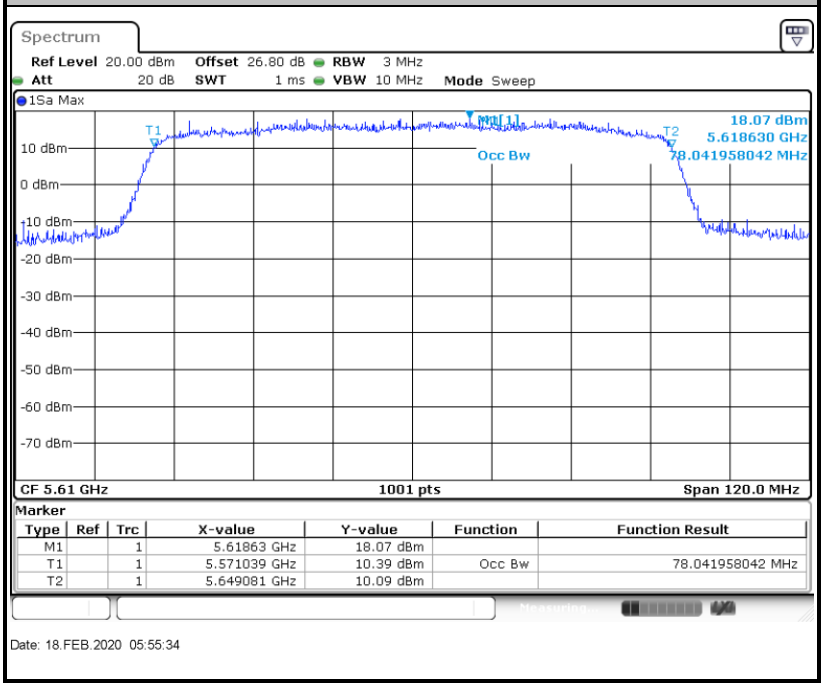
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

<LP0002 4.7.3>

For the 5.25–5.725 GHz bands:

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

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

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

For the 5.25–5.725 GHz bands, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

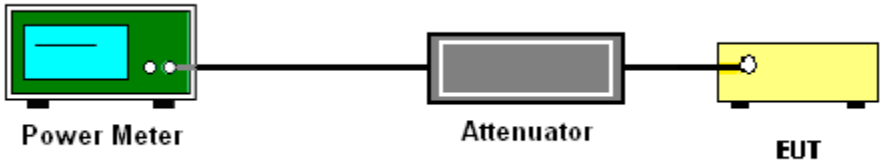
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comh 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

<LP0002 4.7.3>

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-3 #

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

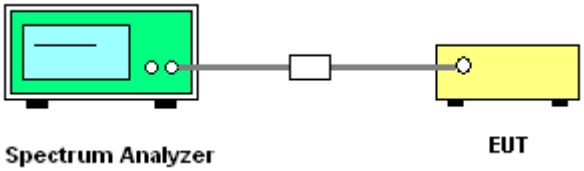
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the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

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. 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.

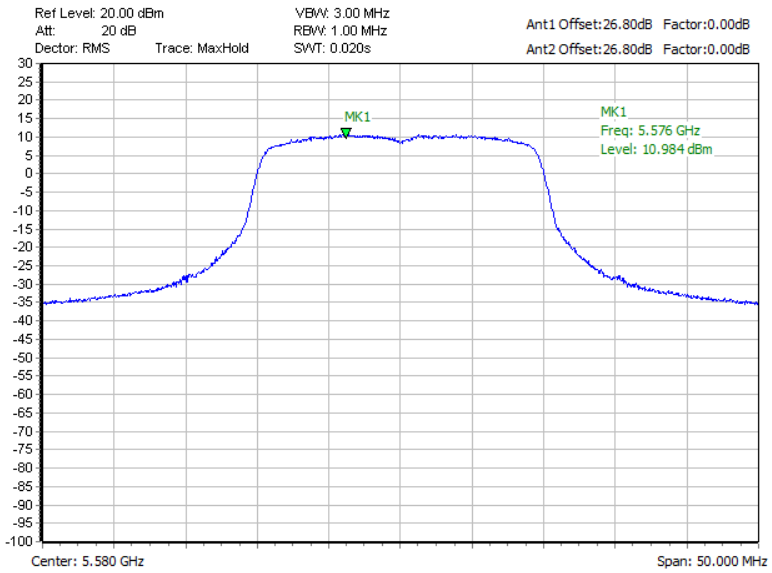
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

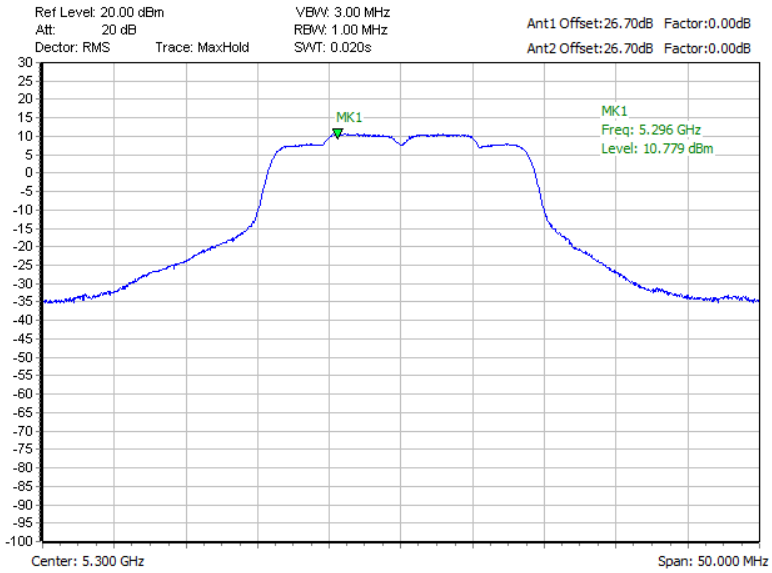
Worst Case Power Density (dBm/MHz)



Note: Average Power Density (dB) = Measured value+ Duty Factor

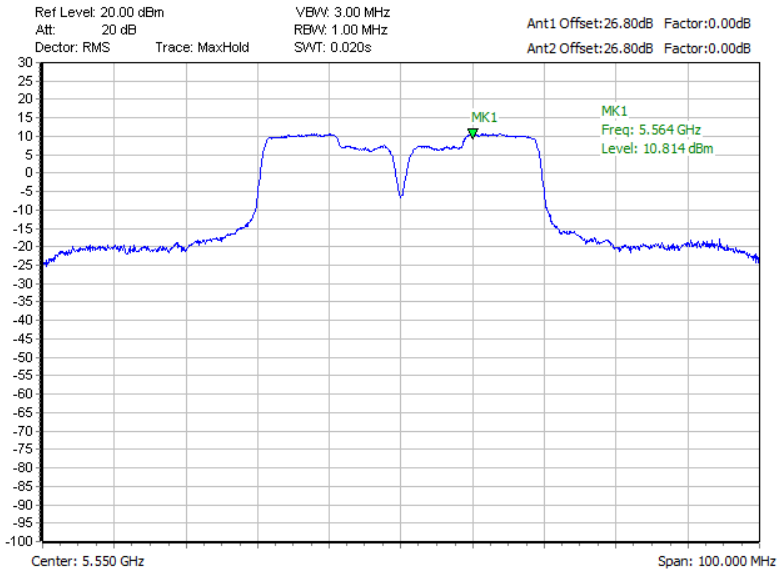
<For Band-edge Unmodulated>

Worst Case Power Density (dBm/MHz)



<For Middle Unmodulated>

Worst Case Power Density (dBm/MHz)



3.4 Unwanted Emissions Measurement

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5150-5725 MHz band: all emissions outside of the 5150-5725 MHz band shall not exceed an EIRP of –27dBm/MHz.

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

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

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

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

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

(3) ANSI C63.10-2013 clause 12.7.3 note 97

As specified by regulatory requirements, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit. However, an out-of-band emission that complies with both the average and peak general regulatory limits is not required to satisfy the peak emission limit.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

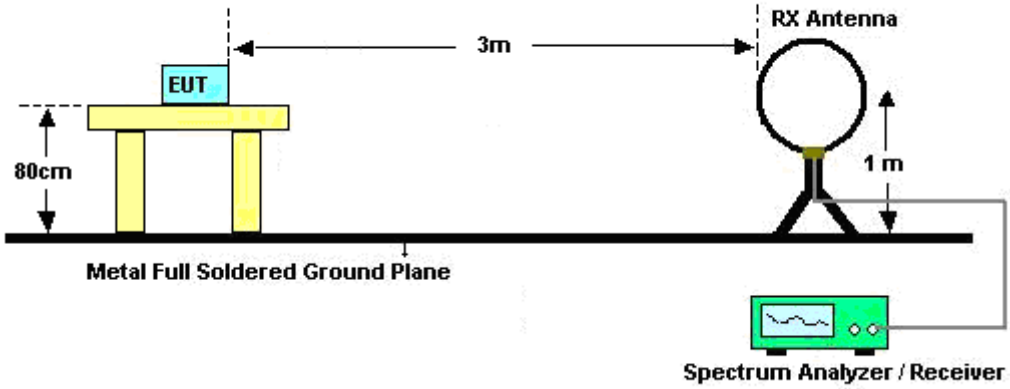
   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

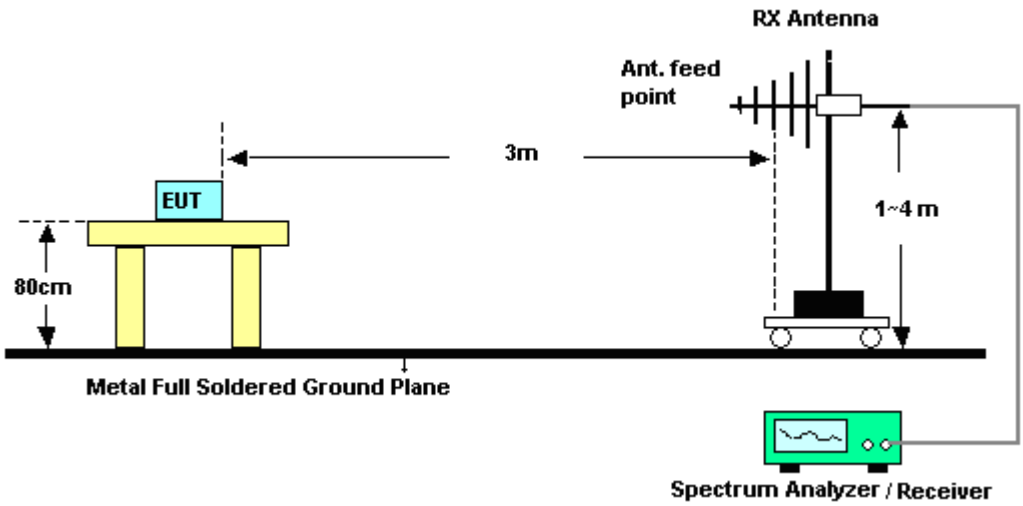
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

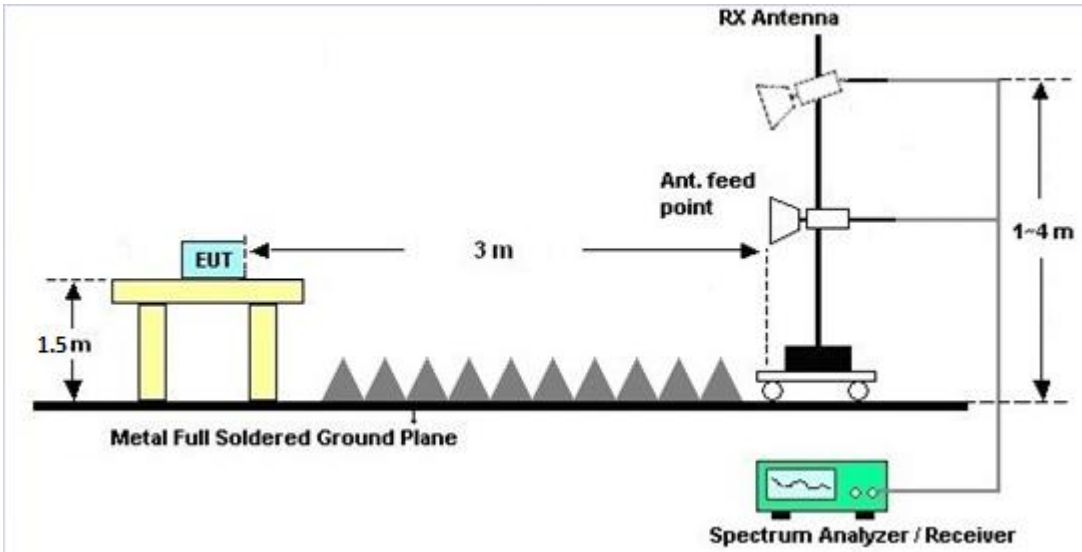
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per NCC LP0002 section 5.13 was not reported.

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

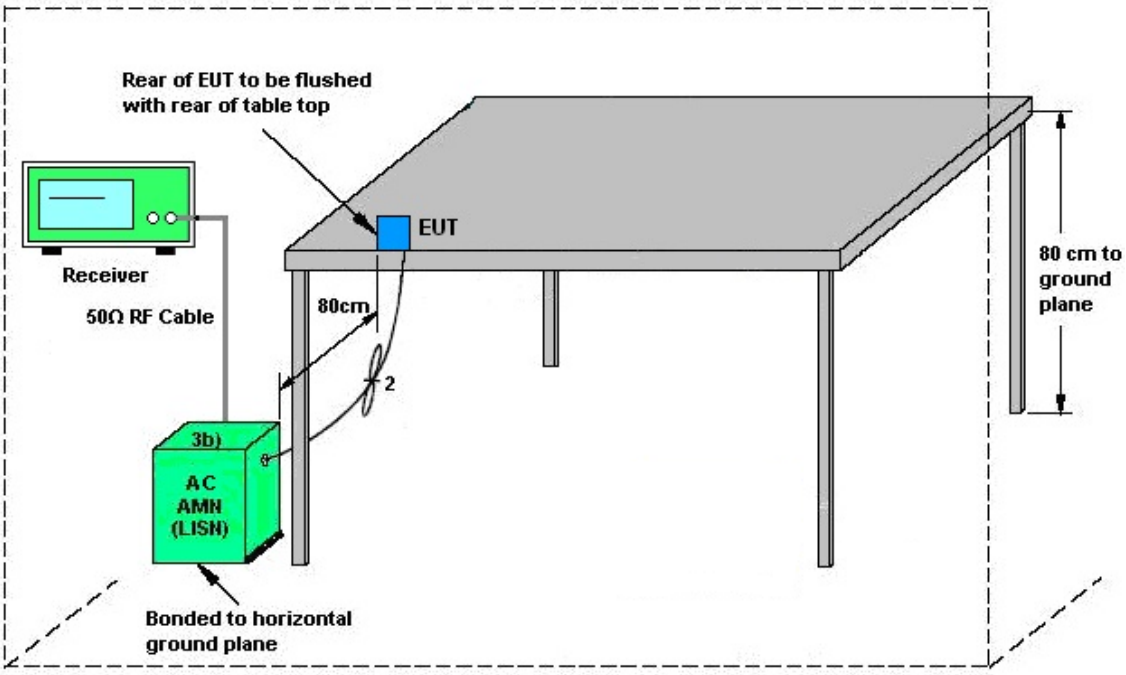
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 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

Two antenna has different polarization, one is horizontal and the other one is vertical.

Horizontal antenna gain = 1.0 dBi

Vertical antenna gain = 2.5 dBi

Which use the larger one to calculate the EIRP.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	45142595	N/A	Aug. 07, 2019	Jan. 27, 2020~ Feb. 22, 2020~	Aug. 06, 2020	Conducted (TH01-CA)
Power Sensor	DARE	RPR3006W	RPR6W-1 901027	50MHz~18GHz	Jun. 27, 2019	Jan. 27, 2020~ Feb. 22, 2020~	Jun. 26, 2020	Conducted (TH01-CA))
Spectrum Analyzer	Rohde & Schwarz	FSV 40	100895	10Hz~40GHz	Aug. 29, 2019	Jan. 27, 2020~ Feb. 22, 2020~	Aug. 28, 2020	Conducted (TH01-CA)
Switch Box & RF Cable	EM	EMSW18	SW107090 2	N/A	N/A	Jan. 27, 2020~ Feb. 22, 2020~	N/A	Conducted (TH01-CA)
LISN	TESEQ	NNB51	47407	N/A	Jun. 26, 2019	Feb. 25, 2020	Jun. 25, 2020	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jun. 27, 2019	Feb. 25, 2020	Jun. 26, 2020	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-F N	9561-F-N00412	N/A	Jun. 11, 2019	Feb. 25, 2020	Jun. 10, 2020	Conduction (CO01-CA)
Test Software	EMC32	N/A	N/A	N/A	N/A	Feb. 25, 2020	N/A	Conduction (CO01-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	May 15, 2019	Feb. 06, 2020~ Mar. 10, 2020	May 14, 2020	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBE CK	BBHA 9120D	01894	1GHz~18GHz	Jul. 22, 2019	Feb. 06, 2020~ Mar. 10, 2020	Jul. 21, 2020	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372241	N/A	Jul. 26, 2019	Feb. 06, 2020~ Mar. 10, 2020	Jul. 25, 2020	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY532703 21	1GHz~26.5GHz	Jul. 26, 2019	Feb. 06, 2020~ Mar. 10, 2020	Jul. 25, 2020	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055007	1GHz~18GHz	Apr. 01, 2019	Feb. 06, 2020~ Mar. 10, 2020	Mar. 31, 2020	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY574202 21	10Hz~44GHz	Sep. 11, 2019	Feb. 06, 2020~ Mar. 10, 2020	Sep. 10, 2020	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1272-11000-4 0SS	SN2	1.2G Low Pass	Aug. 02, 2019	Feb. 06, 2020~ Mar. 10, 2020	Aug. 01, 2020	Radiation (03CH02-CA)
Filter	Wainwright	WHKX12-270 0-3000-18000 -60ST	SN10	3G Highpass	Aug. 02, 2019	Feb. 06, 2020~ Mar. 10, 2020	Aug. 01, 2020	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Jul. 25, 2019	Feb. 06, 2020~ Mar. 10, 2020	Jul. 24, 2020	Radiation (03CH02-CA)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Feb. 06, 2020~ Mar. 10, 2020	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 06, 2020~ Mar. 10, 2020	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 06, 2020~ Mar. 10, 2020	N/A	Radiation (03CH02-CA)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	1.7

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.4

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.5

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.3

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Howard Lin	Temperature:	21~25	°C
Test Date:	2020/1/27~2020/2/22	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band II 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)		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	16.63	16.43	23.03	21.38	23.16		29.16		23.98		
11a	6Mbps	2	60	5300	16.53	16.43	21.78	21.68	23.16		29.16		23.98		
11a	6Mbps	2	64	5320	16.53	16.43	21.73	21.73	23.16		29.16		23.98		

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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	Power Setting	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
11a	6Mbps	2	52	5260	18.08	19.19	21.68	23.98		2.50		30	Pass	42	
11a	6Mbps	2	60	5300	18.43	19.39	21.95	23.98		2.50		30	Pass	42	
11a	6Mbps	2	64	5320	18.36	18.99	21.70	23.98		2.50		30	Pass	41	
HT20	MCS0	2	52	5260	18.27	19.11	21.72	23.98		2.50		30	Pass	43	
HT20	MCS0	2	60	5300	18.51	19.27	21.92	23.98		2.50		30	Pass	43	
HT20	MCS0	2	64	5320	18.41	18.83	21.64	23.98		2.50		30	Pass	42	
HT40	MCS0	2	54	5270	20.38	21.21	23.83	23.98		2.50		30	Pass	43	
HT40	MCS0	2	62	5310	16.15	16.84	19.52	23.98		2.50		30	Pass	36	
VHT20	MCS0	2	52	5260	18.21	19.07	21.67	23.98		2.50		30	Pass	43	
VHT20	MCS0	2	60	5300	18.43	19.17	21.83	23.98		2.50		30	Pass	43	
VHT20	MCS0	2	64	5320	18.38	18.78	21.59	23.98		2.50		30	Pass	42	
VHT40	MCS0	2	54	5270	20.31	21.19	23.78	23.98		2.50		30	Pass	43	
VHT40	MCS0	2	62	5310	16.09	16.78	19.46	23.98		2.50		30	Pass	36	
VHT80	MCS0	2	58	5290	15.59	16.44	19.05	23.98		2.50		30	Pass	36	

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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			10.71	11.00		2.50				Pass
11a	6Mbps	2	60	5300			10.92	11.00		2.50				Pass
11a	6Mbps	2	64	5320			10.80	11.00		2.50				Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.48	16.53	21.48	21.88	23.17		29.17		23.98		----	----
11a	6Mbps	2	116	5580	16.43	16.33	21.53	21.23	23.13		29.13		23.98		----	----
11a	6Mbps	2	140	5700	16.53	16.43	21.43	21.03	23.16		29.16		23.98		----	----

Band III straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	13.24	13.24	15.69	16.14	22.22		28.22		22.96		2.742	2.543

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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	Power Setting	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
11a	6Mbps	2	100	5500	19.09	18.83	21.97	23.98		2.50		30	Pass	41	
11a	6Mbps	2	116	5580	19.37	18.88	22.14	23.98		2.50		30	Pass	41	
11a	6Mbps	2	140	5700	19.02	18.33	21.70	23.98		2.50		30	Pass	39	
HT20	MCS0	2	100	5500	18.77	18.74	21.77	23.98		2.50		30	Pass	41	
HT20	MCS0	2	116	5580	19.36	18.61	22.01	23.98		2.50		30	Pass	41	
HT20	MCS0	2	140	5700	18.54	17.71	21.16	23.98		2.50		30	Pass	39	
HT40	MCS0	2	102	5510	18.91	18.03	21.50	23.98		2.50		30	Pass	39	
HT40	MCS0	2	110	5550	21.21	19.91	23.62	23.98		2.50		30	Pass	43	
HT40	MCS0	2	134	5670	19.82	18.79	22.35	23.98		2.50		30	Pass	39	
VHT20	MCS0	2	100	5500	18.74	18.68	21.72	23.98		2.50		30	Pass	41	
VHT20	MCS0	2	116	5580	19.29	18.57	21.96	23.98		2.50		30	Pass	41	
VHT20	MCS0	2	140	5700	18.41	17.64	21.05	23.98		2.50		30	Pass	39	
VHT40	MCS0	2	102	5510	18.87	17.98	21.46	23.98		2.50		30	Pass	39	
VHT40	MCS0	2	110	5550	21.11	19.86	23.54	23.98		2.50		30	Pass	43	
VHT40	MCS0	2	134	5670	19.74	18.73	22.27	23.98		2.50		30	Pass	39	
VHT80	MCS0	2	106	5530	17.67	17.63	20.66	23.98		2.50		30	Pass	37	
VHT80	MCS0	2	122	5610	18.97	19.03	22.01	23.98		2.50		30	Pass	40	

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	Power Setting	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
11a	6Mbps	2	144	5720	19.67	18.18	22.00	22.96		2.50		30	Pass	40	
HT20	MCS0	2	144	5720	19.33	17.97	21.71	23.98		2.50		30	Pass	40	
HT40	MCS0	2	142	5710	21.36	20.01	23.75	23.98		2.50		30	Pass	42	
VHT20	MCS0	2	144	5720	19.31	17.87	21.66	23.98		2.50		30	Pass	40	
VHT40	MCS0	2	142	5710	21.31	19.97	23.70	23.98		2.50		30	Pass	42	
VHT80	MCS0	2	138	5690	21.38	20.19	23.84	23.98		2.50		30	Pass	43	

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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			10.87	11.00		2.50			Pass
11a	6Mbps	2	116	5580			10.71	11.00		2.50			Pass
11a	6Mbps	2	140	5700			10.59	11.00		2.50			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			10.69	11.00		2.50			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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	
HE20	MCS0	2	52	5260	Full	19.13	18.93	28.07	22.63	23.77		29.77		23.98		
HE20	MCS0	2	60	5300	Full	19.98	18.93	24.78	22.53	23.77		29.77		23.98		
HE20	MCS0	2	64	5320	Full	18.98	18.98	23.28	22.68	23.78		29.78		23.98		
HE40	MCS0	2	54	5270	Full	42.66	38.16	83.17	44.24	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.96	37.86	41.90	41.90	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.92	77.68	82.48	81.52	23.98		30.00		23.98		

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TEST RESULTS DATA
Average Power Table

FCC Band II MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
HE20	MCS0	2	52	5260	Full	18.33	19.14	21.76	23.98		2.50		30	Pass	43	
HE20	MCS0	2	60	5300	Full	18.68	19.36	22.04	23.98		2.50		30	Pass	43	
HE20	MCS0	2	64	5320	Full	18.45	18.94	21.71	23.98		2.50		30	Pass	42	
HE40	MCS0	2	54	5270	Full	20.45	21.29	23.90	23.98		2.50		30	Pass	43	
HE40	MCS0	2	62	5310	Full	16.20	16.97	19.61	23.98		2.50		30	Pass	36	
HE80	MCS0	2	58	5290	Full	15.65	16.50	19.11	23.98		2.50		30	Pass	36	

TEST RESULTS DATA
Power Spectral Density

Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	52	5260	Full			10.78	11.00		2.50			Pass
HE20	MCS0	2	60	5300	Full			10.96	11.00		2.50			Pass
HE20	MCS0	2	64	5320	Full			10.75	11.00		2.50			Pass
HE40	MCS0	2	54	5270	Full			10.73	11.00		2.50			Pass
HE40	MCS0	2	62	5310	Full			6.14	11.00		2.50			Pass
HE80	MCS0	2	58	5290	Full			2.87	11.00		2.50			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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
HE20	MCS0	2	100	5500	Full	18.93	18.83	23.18	22.23	23.75		29.75		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.93	18.88	22.93	22.38	23.76		29.76		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.88	18.93	22.58	22.48	23.76		29.76		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.96	37.86	42.44	41.72	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	38.36	37.96	57.90	42.62	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.96	37.96	42.17	42.35	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.44	77.56	81.84	81.52	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	78.04	77.68	83.12	82.96	23.98		30.00		23.98		----	----

Band III straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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
HE20	MCS0	2	144	5720	Full	14.49	14.49	16.59	16.29	22.61		28.61		23.12		4.241	4.041
HE40	MCS0	2	142	5710	Full	34.18	33.98	40.09	36.13	23.98		30.00		23.98		3.791	3.881
HE80	MCS0	2	138	5690	Full	74.32	74.20	81.67	76.40	23.98		30.00		23.98		2.725	1.285

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TEST RESULTS DATA
Average Power Table

FCC Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	18.83	18.79	21.82	23.98		2.50		30	Pass	41	
HE20	MCS0	2	116	5580	Full	19.40	18.65	22.05	23.98		2.50		30	Pass	41	
HE20	MCS0	2	140	5700	Full	18.64	17.80	21.25	23.98		2.50		30	Pass	39	
HE40	MCS0	2	102	5510	Full	18.96	18.08	21.55	23.98		2.50		30	Pass	39	
HE40	MCS0	2	110	5550	Full	21.26	19.98	23.68	23.98		2.50		30	Pass	43	
HE40	MCS0	2	134	5670	Full	19.85	18.85	22.39	23.98		2.50		30	Pass	39	
HE80	MCS0	2	106	5530	Full	17.77	17.67	20.73	23.98		2.50		30	Pass	37	
HE80	MCS0	2	122	5610	Full	19.06	19.12	22.10	23.98		2.50		30	Pass	40	

FCC Band III straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	19.40	18.02	21.77	23.12		2.50		30	Pass	40	
HE40	MCS0	2	142	5710	Full	21.42	20.07	23.81	23.98		2.50		30	Pass	42	
HE80	MCS0	2	138	5690	Full	21.49	20.24	23.92	23.98		2.50		30	Pass	43	

TEST RESULTS DATA
Power Spectral Density

Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	100	5500	Full			10.91	11.00		2.50			Pass
HE20	MCS0	2	116	5580	Full			10.98	11.00		2.50			Pass
HE20	MCS0	2	140	5700	Full			10.52	11.00		2.50			Pass
HE40	MCS0	2	102	5510	Full			8.47	11.00		2.50			Pass
HE40	MCS0	2	110	5550	Full			10.91	11.00		2.50			Pass
HE40	MCS0	2	134	5670	Full			9.01	11.00		2.50			Pass
HE80	MCS0	2	106	5530	Full			5.18	11.00		2.50			Pass
HE80	MCS0	2	122	5610	Full			7.34	11.00		2.50			Pass

Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	144	5720	Full			10.75	11.00		2.50			Pass
HE40	MCS0	2	142	5710	Full			10.51	11.00		2.50			Pass
HE80	MCS0	2	138	5690	Full			9.70	11.00		2.50			Pass

Report Number : TR200117001E

TEST RESULTS DATA
Average Power Table

<Band-edge Unmodulated>

FCC Band II MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 2
HE20	MCS0	2	52	5260	Full	14.75	16.45	18.69	23.98		2.50		30	Pass	17
HE20	MCS0	2	60	5300	Full	14.95	15.91	18.47	23.98		2.50		30	Pass	16.5
HE20	MCS0	2	64	5320	Full	15.15	16.12	18.67	23.98		2.50		30	Pass	16.5
HE40	MCS0	2	54	5270	Full	16.98	18.44	20.78	23.98		2.50		30	Pass	19
HE40	MCS0	2	62	5310	Full	12.97	14.64	16.90	23.98		2.50		30	Pass	14.5
HE80	MCS0	2	58	5290	Full	13.68	15.19	17.51	23.98		2.50		30	Pass	15.5

TEST RESULTS DATA
Power Spectral Density

Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	52	5260	Full			10.62	11.00		2.50			Pass
HE20	MCS0	2	60	5300	Full			10.78	11.00		2.50			Pass
HE20	MCS0	2	64	5320	Full			10.57	11.00		2.50			Pass
HE40	MCS0	2	54	5270	Full			10.29	11.00		2.50			Pass
HE40	MCS0	2	62	5310	Full			5.79	11.00		2.50			Pass
HE80	MCS0	2	58	5290	Full			2.66	11.00		2.50			Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 2
HE20	MCS0	2	100	5500	Full	15.53	15.42	18.49	23.98		2.50		30	Pass	16
HE20	MCS0	2	116	5580	Full	15.09	15.78	18.46	23.98		2.50		30	Pass	15
HE20	MCS0	2	140	5700	Full	15.76	15.29	18.54	23.98		2.50		30	Pass	15
HE40	MCS0	2	102	5510	Full	14.24	14.17	17.22	23.98		2.50		30	Pass	14.5
HE40	MCS0	2	110	5550	Full	18.41	17.99	21.22	23.98		2.50		30	Pass	18.5
HE40	MCS0	2	134	5670	Full	16.96	16.81	19.90	23.98		2.50		30	Pass	16
HE80	MCS0	2	106	5530	Full	13.62	13.77	16.71	23.98		2.50		30	Pass	14
HE80	MCS0	2	122	5610	Full	18.21	17.81	21.02	23.98		2.50		30	Pass	18

FCC Band III straddle channel MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 2
HE20	MCS0	2	144	5720	Full	15.67	15.22	18.46	23.98		2.50		30	Pass	15
HE40	MCS0	2	142	5710	Full	18.90	17.82	21.40	23.98		2.50		30	Pass	18
HE80	MCS0	2	138	5690	Full	21.21	19.86	23.60	23.98		2.50		30	Pass	21

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TEST RESULTS DATA
Power Spectral Density

Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	100	5500	Full			10.73	11.00		2.50			Pass
HE20	MCS0	2	116	5580	Full			10.73	11.00		2.50			Pass
HE20	MCS0	2	140	5700	Full			10.40	11.00		2.50			Pass
HE40	MCS0	2	102	5510	Full			6.51	11.00		2.50			Pass
HE40	MCS0	2	110	5550	Full			10.72	11.00		2.50			Pass
HE40	MCS0	2	134	5670	Full			8.64	11.00		2.50			Pass
HE80	MCS0	2	106	5530	Full			1.96	11.00		2.50			Pass
HE80	MCS0	2	122	5610	Full			6.23	11.00		2.50			Pass

Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	144	5720	Full			10.28	11.00		2.50			Pass
HE40	MCS0	2	142	5710	Full			10.06	11.00		2.50			Pass
HE80	MCS0	2	138	5690	Full			9.38	11.00		2.50			Pass

Report Number : TR200117001E

TEST RESULTS DATA
Average Power Table

<Middle Unmodulated>

FCC Band II MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
HE20	MCS0	2	52	5260	Full	15.16	17.09	19.24	23.98		2.50		30	Pass	17.5	
HE20	MCS0	2	60	5300	Full	15.28	16.88	19.16	23.98		2.50		30	Pass	17	
HE20	MCS0	2	64	5320	Full	14.29	15.82	18.13	23.98		2.50		30	Pass	15.5	
HE40	MCS0	2	54	5270	Full	17.31	18.45	20.93	23.98		2.50		30	Pass	19.5	
HE40	MCS0	2	62	5310	Full	12.79	14.40	16.68	23.98		2.50		30	Pass	14.5	
HE80	MCS0	2	58	5290	Full	10.70	12.22	14.54	23.98		2.50		30	Pass	12.5	

Report Number : TR200117001E

TEST RESULTS DATA
Power Spectral Density

Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	52	5260	Full			10.69	11.00		2.50			Pass
HE20	MCS0	2	60	5300	Full			10.62	11.00		2.50			Pass
HE20	MCS0	2	64	5320	Full			9.22	11.00		2.50			Pass
HE40	MCS0	2	54	5270	Full			10.46	11.00		2.50			Pass
HE40	MCS0	2	62	5310	Full			5.70	11.00		2.50			Pass
HE80	MCS0	2	58	5290	Full			0.87	11.00		2.50			Pass

Report Number : TR200117001E

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	13.93	15.02	17.52	23.98		2.50		30	Pass	14.5	
HE20	MCS0	2	116	5580	Full	16.32	16.68	19.51	23.98		2.50		30	Pass	16	
HE20	MCS0	2	140	5700	Full	12.54	12.66	15.61	23.98		2.50		30	Pass	11.5	
HE40	MCS0	2	102	5510	Full	13.90	14.35	17.14	23.98		2.50		30	Pass	14.5	
HE40	MCS0	2	110	5550	Full	18.44	18.14	21.30	23.98		2.50		30	Pass	18.5	
HE40	MCS0	2	134	5670	Full	18.64	17.92	21.31	23.98		2.50		30	Pass	15.5	
HE80	MCS0	2	106	5530	Full	10.40	10.65	13.54	23.98		2.50		30	Pass	11	
HE80	MCS0	2	122	5610	Full	14.90	15.10	18.01	23.98		2.50		30	Pass	14.5	

FCC Band III straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	16.01	15.59	18.82	23.98		2.50		30	Pass	15.5	
HE40	MCS0	2	142	5710	Full	18.82	17.49	21.22	23.98		2.50		30	Pass	18	
HE80	MCS0	2	138	5690	Full	21.05	19.93	23.54	23.98		2.50		30	Pass	20.5	

TEST RESULTS DATA
Power Spectral Density

Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	100	5500	Full			8.43	11.00		2.50			Pass
HE20	MCS0	2	116	5580	Full			10.70	11.00		2.50			Pass
HE20	MCS0	2	140	5700	Full			6.32	11.00		2.50			Pass
HE40	MCS0	2	102	5510	Full			6.26	11.00		2.50			Pass
HE40	MCS0	2	110	5550	Full			10.81	11.00		2.50			Pass
HE40	MCS0	2	134	5670	Full			8.61	11.00		2.50			Pass
HE80	MCS0	2	106	5530	Full			0.11	11.00		2.50			Pass
HE80	MCS0	2	122	5610	Full			4.69	11.00		2.50			Pass

Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	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		
HE20	MCS0	2	144	5720	Full			10.37	11.00		2.50			Pass
HE40	MCS0	2	142	5710	Full			10.31	11.00		2.50			Pass
HE80	MCS0	2	138	5690	Full			9.34	11.00		2.50			Pass

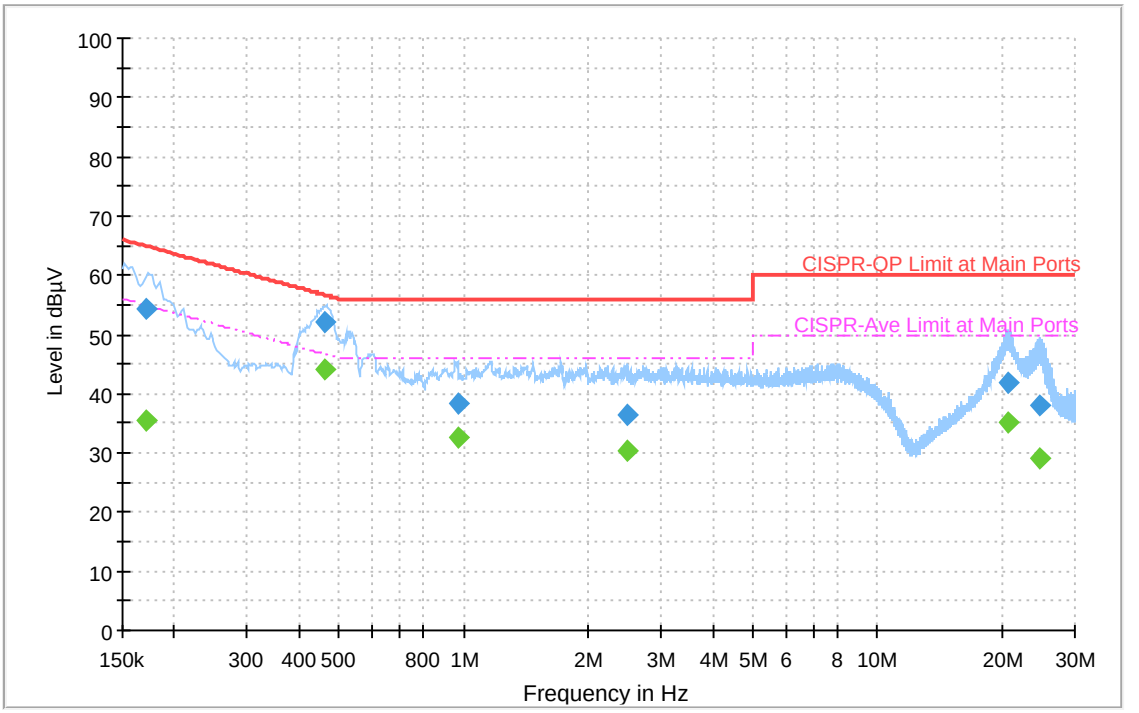
Appendix B. AC Conducted Emission Test Results

Test Engineer :	JC Liang	**Temperature :**	24~26℃
		Relative Humidity :	22~25%

EUT Information

Site:	CO01-CA
Project:	200117001
Power:	120Vac/60Hz
Mode:	1

Full Spectrum



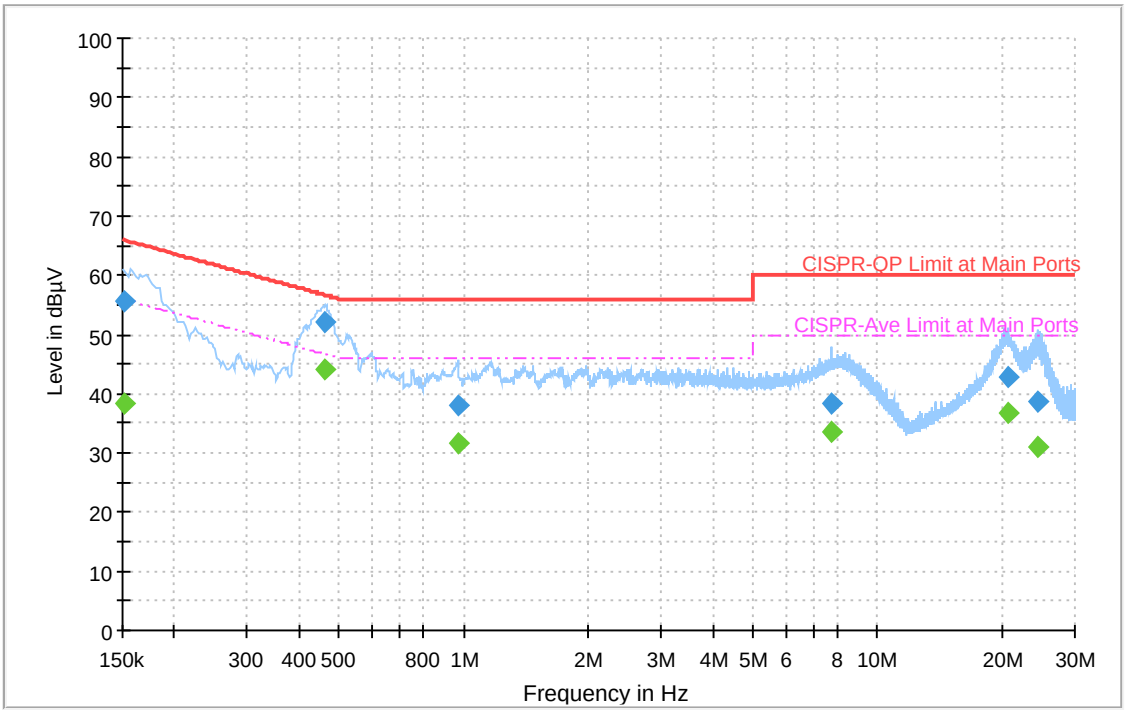
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.170250	---	35.62	54.95	19.33	L1	OFF	20.3
0.170250	54.31	---	64.95	10.64	L1	OFF	20.3
0.460500	---	44.12	46.68	2.56	L1	OFF	20.4
0.460500	51.95	---	56.68	4.73	L1	OFF	20.4
0.971250	---	32.49	46.00	13.51	L1	OFF	20.4
0.971250	38.47	---	56.00	17.53	L1	OFF	20.4
2.484330	---	30.21	46.00	15.79	L1	OFF	20.4
2.484330	36.36	---	56.00	19.64	L1	OFF	20.4
20.640750	---	35.14	50.00	14.86	L1	OFF	20.7
20.640750	41.76	---	60.00	18.24	L1	OFF	20.7
24.702000	---	29.18	50.00	20.82	L1	OFF	20.8
24.702000	37.87	---	60.00	22.13	L1	OFF	20.8

EUT Information

Site:	CO01-CA
Project:	200117001
Power:	120Vac/60Hz
Mode:	1

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	38.43	55.88	17.45	N	OFF	20.3
0.152250	55.63	---	65.88	10.25	N	OFF	20.3
0.460500	---	44.20	46.68	2.48	N	OFF	20.4
0.460500	51.93	---	56.68	4.75	N	OFF	20.4
0.971250	---	31.73	46.00	14.27	N	OFF	20.4
0.971250	37.90	---	56.00	18.10	N	OFF	20.4
7.741500	---	33.48	50.00	16.52	N	OFF	20.5
7.741500	38.49	---	60.00	21.51	N	OFF	20.5
20.715000	---	36.76	50.00	13.24	N	OFF	20.7
20.715000	42.79	---	60.00	17.21	N	OFF	20.7
24.384750	---	30.98	50.00	19.02	N	OFF	20.8
24.384750	38.52	---	60.00	21.48	N	OFF	20.8

Appendix C. Radiated Spurious Emission

Test Engineer :	Calvin Wu, Leo Luo, and Jacky Hong	Temperature :	19~22°C
		Relative Humidity :	36~45%

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		5096.9	52.76	-21.24	74	39.76	32.09	10.84	29.93	382	249	P	H
		5143.82	44.09	-9.91	54	31.04	32.01	10.97	29.93	382	249	A	H
	*	5260	118.19	-	-	105.44	31.45	11.22	29.92	382	249	P	H
	*	5260	110.25	-	-	97.5	31.45	11.22	29.92	382	249	A	H
		5380.56	54.12	-19.88	74	41.14	31.52	11.37	29.91	382	249	P	H
		5453.28	44.21	-9.79	54	30.97	31.71	11.43	29.9	382	249	A	H
		5121.72	53.69	-20.31	74	40.72	31.99	10.91	29.93	103	126	P	V
		5128.18	45.01	-8.99	54	32.03	31.98	10.93	29.93	103	126	A	V
	*	5260	119.29	-	-	106.49	31.5	11.22	29.92	103	126	P	V
	*	5260	111.77	-	-	98.97	31.5	11.22	29.92	103	126	A	V
		5454.72	53.85	-20.15	74	40.54	31.78	11.43	29.9	103	126	P	V
		5447.04	46.11	-7.89	54	32.83	31.76	11.42	29.9	103	126	A	V
802.11a CH 60 5300MHz		5143.14	53.61	-20.39	74	40.55	32.02	10.97	29.93	254	263	P	H
		5115.26	44.92	-9.08	54	31.88	32.08	10.89	29.93	254	263	A	H
	*	5300	117.51	-	-	104.81	31.35	11.27	29.92	254	263	P	H
	*	5300	110.32	-	-	97.62	31.35	11.27	29.92	254	263	A	H
		5390.4	54.39	-19.61	74	41.38	31.54	11.38	29.91	254	263	P	H
		5350.32	46.62	-7.38	54	33.75	31.45	11.33	29.91	254	263	A	H
		5142.46	54.18	-19.82	74	41.16	31.98	10.97	29.93	100	127	P	V
		5114.92	45.46	-8.54	54	32.51	31.99	10.89	29.93	100	127	A	V
	*	5300	119.73	-	-	107.01	31.37	11.27	29.92	100	127	P	V
	*	5300	111.71	-	-	98.99	31.37	11.27	29.92	100	127	A	V
		5350.08	56.63	-17.37	74	43.81	31.4	11.33	29.91	100	127	P	V
		5350.08	47.72	-6.28	54	34.9	31.4	11.33	29.91	100	127	A	V

802.11a CH 64 5320MHz	*	5320	117.29	-	-	104.52	31.39	11.29	29.91	385	198	P	H
	*	5320	109.56	-	-	96.79	31.39	11.29	29.91	385	198	A	H
		5350.24	59.92	-14.08	74	47.05	31.45	11.33	29.91	385	198	P	H
		5350.08	51.63	-2.37	54	38.76	31.45	11.33	29.91	385	198	A	H
													H
													H
	*	5320	118.54	-	-	105.78	31.38	11.29	29.91	199	130	P	V
	*	5320	110.63	-	-	97.87	31.38	11.29	29.91	199	130	A	V
		5350.4	61.23	-12.77	74	48.41	31.4	11.33	29.91	199	130	P	V
		5350.24	52.76	-1.24	54	39.94	31.4	11.33	29.91	199	130	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10520	53.77	-14.43	68.2	56.11	39.77	16.62	58.73	142	209	P	H
		10520	43.85	-10.15	54	46.19	39.77	16.62	58.73	142	209	A	H
		15780	48.43	-25.57	74	51.84	37.36	20.14	60.91	100	0	P	H
													H
		10520	49.58	-18.62	68.2	51.89	39.8	16.62	58.73	100	0	P	V
		15780	44.57	-29.43	74	47.86	37.48	20.14	60.91	100	0	P	V
		10520	49.58	-18.62	68.2	51.89	39.8	16.62	58.73	100	0	P	V
													V
802.11a CH 60 5300MHz		10600	48.43	-25.57	74	50.85	39.75	16.67	58.84	100	0	P	H
		15900	44.48	-29.52	74	47.81	37.2	20.21	60.74	100	0	P	H
													H
													H
		10600	47.74	-26.26	74	50.16	39.75	16.67	58.84	100	0	P	V
		15900	46.62	-27.38	74	49.53	37.62	20.21	60.74	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	47.57	-26.43	74	50.04	39.73	16.7	58.9	100	0	P	H
		15960	44.37	-29.63	74	47.62	37.17	20.24	60.66	100	0	P	H
													H
													H
		10640	46.89	-27.11	74	49.4	39.69	16.7	58.9	100	0	P	V
		15960	44	-30	74	47.09	37.33	20.24	60.66	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

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)
802.11ax HE20 Full CH 52 5260MHz		5145.18	53.18	-20.82	74	40.12	32.01	10.98	29.93	258	266	P	H
		5142.46	44.23	-9.77	54	31.17	32.02	10.97	29.93	258	266	A	H
	*	5260	120.02	-	-	107.27	31.45	11.22	29.92	258	266	P	H
	*	5260	109.74	-	-	96.99	31.45	11.22	29.92	258	266	A	H
		5378.88	54.06	-19.94	74	41.1	31.51	11.36	29.91	258	266	P	H
		5455.68	44.83	-9.17	54	31.59	31.71	11.43	29.9	258	266	A	H
		5146.88	54.19	-19.81	74	41.16	31.98	10.98	29.93	105	133	P	V
		5146.88	45.01	-8.99	54	31.98	31.98	10.98	29.93	105	133	A	V
	*	5260	120.79	-	-	107.99	31.5	11.22	29.92	105	133	P	V
	*	5260	111.49	-	-	98.69	31.5	11.22	29.92	105	133	A	V
		5458.08	55.12	-18.88	74	41.8	31.79	11.43	29.9	105	133	P	V
		5455.2	45.82	-8.18	54	32.51	31.78	11.43	29.9	105	133	A	V
802.11ax HE20 Full CH 60 5300MHz		5089.76	53.3	-20.7	74	40.38	32.04	10.81	29.93	261	121	P	H
		5146.2	44.22	-9.78	54	31.16	32.01	10.98	29.93	261	121	A	H
	*	5300	119.93	-	-	107.23	31.35	11.27	29.92	261	121	P	H
	*	5300	110.69	-	-	97.99	31.35	11.27	29.92	261	121	A	H
		5350.8	56.12	-17.88	74	43.25	31.45	11.33	29.91	261	121	P	H
		5350.32	47.97	-6.03	54	35.1	31.45	11.33	29.91	261	121	A	H
		5121.72	53.75	-20.25	74	40.78	31.99	10.91	29.93	100	130	P	V
		5106.76	45.02	-8.98	54	32.1	31.99	10.86	29.93	100	130	A	V
	*	5300	119.77	-	-	107.05	31.37	11.27	29.92	100	130	P	V
	*	5300	110.74	-	-	98.02	31.37	11.27	29.92	100	130	A	V
		5351.76	55.36	-18.64	74	42.53	31.41	11.33	29.91	100	130	P	V
		5350.08	48.12	-5.88	54	35.3	31.4	11.33	29.91	100	130	A	V

	*	5320	118.43	-	-	105.66	31.39	11.29	29.91	387	194	P	H
	*	5320	108.96	-	-	96.19	31.39	11.29	29.91	387	194	A	H
		5353.76	57.79	-16.21	74	44.91	31.46	11.33	29.91	387	194	P	H
		5355.2	49.28	-4.72	54	36.4	31.46	11.33	29.91	387	194	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	117.85	-	-	105.09	31.38	11.29	29.91	240	121	P	V
5320MHz	*	5320	108.79	-	-	96.03	31.38	11.29	29.91	240	121	A	V
		5350.08	59.01	-14.99	74	46.19	31.4	11.33	29.91	240	121	P	V
		5350.24	51.79	-2.21	54	38.97	31.4	11.33	29.91	240	121	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 52 5260MHz		10520	47.88	-20.32	68.2	50.22	39.77	16.62	58.73	100	0	P	H
		15780	47.59	-26.41	74	51	37.36	20.14	60.91	100	0	P	H
													H
													H
		10520	47.02	-21.18	68.2	49.33	39.8	16.62	58.73	100	0	P	V
		15780	45.17	-28.83	74	48.46	37.48	20.14	60.91	100	0	P	V
													V
													V
802.11ax HE20 Full CH 60 5300MHz		10600	47.77	-26.23	74	50.19	39.75	16.67	58.84	100	0	P	H
		15900	45.4	-28.6	74	48.73	37.2	20.21	60.74	100	0	P	H
													H
													H
		10600	47.54	-26.46	74	49.96	39.75	16.67	58.84	100	0	P	V
		15900	45.29	-28.71	74	48.2	37.62	20.21	60.74	100	0	P	V
													V
													V
802.11ax HE20 Full CH 64 5320MHz		10640	47.92	-26.08	74	50.39	39.73	16.7	58.9	100	0	P	H
		15960	43.77	-30.23	74	47.02	37.17	20.24	60.66	100	0	P	H
													H
													H
		10640	47.17	-26.83	74	49.68	39.69	16.7	58.9	100	0	P	V
		15960	45.99	-28.01	74	49.08	37.33	20.24	60.66	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (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)
802.11ax HE40 Full CH 62 5310MHz		5138.72	52.49	-21.51	74	39.44	32.02	10.96	29.93	261	116	P	H
		5141.1	44.2	-9.8	54	31.14	32.02	10.97	29.93	261	116	A	H
	*	5320	113.42	-	-	100.65	31.39	11.29	29.91	261	116	P	H
	*	5320	104.65	-	-	91.88	31.39	11.29	29.91	261	116	A	H
		5355.6	61.07	-12.93	74	48.19	31.46	11.33	29.91	261	116	P	H
		5354.88	52.12	-1.88	54	39.24	31.46	11.33	29.91	261	116	A	H
		5093.5	53.49	-20.51	74	40.62	31.97	10.83	29.93	100	121	P	V
		5146.88	44.62	-9.38	54	31.59	31.98	10.98	29.93	100	121	A	V
	*	5320	113.79	-	-	101.03	31.38	11.29	29.91	100	121	P	V
	*	5320	103.78	-	-	91.02	31.38	11.29	29.91	100	121	A	V
		5355.12	61.59	-12.41	74	48.75	31.42	11.33	29.91	100	121	P	V
		5352.72	52.67	-1.33	54	39.84	31.41	11.33	29.91	100	121	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 54 5270MHz		10540	49.84	-18.36	68.2	52.16	39.8	16.64	58.76	100	0	P	H
		15810	47.44	-26.56	74	50.86	37.3	20.15	60.87	100	0	P	H
													H
													H
		10540	49.9	-18.3	68.2	52.21	39.81	16.64	58.76	100	0	P	V
		15810	47.04	-26.96	74	50.31	37.45	20.15	60.87	100	0	P	V
													V
													V
802.11ax HE40 Full CH 62 5310MHz		10620	46.99	-27.01	74	49.44	39.74	16.68	58.87	100	0	P	H
		15930	45.3	-28.7	74	48.6	37.18	20.22	60.7	100	0	P	H
													H
													H
		10620	47.54	-26.46	74	50.01	39.72	16.68	58.87	100	0	P	V
		15930	44.71	-29.29	74	47.75	37.44	20.22	60.7	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 58 5290MHz		5132.94	52.61	-21.39	74	39.56	32.04	10.94	29.93	313	202	P	H
		5145.86	43.73	-10.27	54	30.67	32.01	10.98	29.93	313	202	A	H
	*	5290	108.68	-	-	95.98	31.37	11.25	29.92	313	202	P	H
	*	5290	100.6	-	-	87.9	31.37	11.25	29.92	313	202	A	H
		5377.2	59.81	-14.19	74	46.85	31.51	11.36	29.91	313	202	P	H
		5356.8	52.71	-1.29	54	39.82	31.46	11.34	29.91	313	202	A	H
		5147.56	52.81	-21.19	74	39.77	31.98	10.99	29.93	101	119	P	V
		5149.94	44.56	-9.44	54	31.52	31.98	10.99	29.93	101	119	A	V
	*	5290	110.68	-	-	97.95	31.4	11.25	29.92	101	119	P	V
	*	5290	101.28	-	-	88.55	31.4	11.25	29.92	101	119	A	V
		5364.48	63.36	-10.64	74	50.48	31.44	11.35	29.91	101	119	P	V
		5357.28	53.84	-0.16	54	40.99	31.42	11.34	29.91	101	119	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 58 5290MHz		10580	46.71	-21.49	68.2	49.09	39.78	16.65	58.81	100	0	P	H
		15870	44.22	-29.78	74	47.6	37.22	20.18	60.78	100	0	P	H
													H
													H
		10580	47.57	-20.63	68.2	49.96	39.77	16.65	58.81	100	0	P	V
		15870	44.21	-29.79	74	47.33	37.48	20.18	60.78	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5459.6	59.54	-14.46	74	46.29	31.72	11.43	29.9	398	210	P	H
		5470	64.23	-3.97	68.2	50.95	31.74	11.44	29.9	398	210	P	H
		5460	49.79	-4.21	54	36.54	31.72	11.43	29.9	398	210	A	H
	*	5500	118.08	-	-	104.73	31.79	11.46	29.9	398	210	P	H
	*	5500	110.49	-	-	97.14	31.79	11.46	29.9	398	210	A	H
													H
		5451.76	60.11	-13.89	74	46.81	31.77	11.43	29.9	179	130	P	V
		5469.68	67.91	-0.29	68.2	54.55	31.82	11.44	29.9	179	130	P	V
		5450	49.8	-4.2	54	36.5	31.77	11.43	29.9	179	130	A	V
	*	5500	119.88	-	-	106.42	31.9	11.46	29.9	179	130	P	V
	*	5500	112.05	-	-	98.59	31.9	11.46	29.9	179	130	A	V
													V
802.11a CH 116 5580MHz		5443.6	53.12	-20.88	74	39.92	31.68	11.42	29.9	400	194	P	H
		5464	51.4	-16.8	68.2	38.14	31.73	11.43	29.9	400	194	P	H
		5452.72	44.38	-9.62	54	31.15	31.7	11.43	29.9	400	194	A	H
	*	5580	117.71	-	-	104.26	31.86	11.52	29.93	400	194	P	H
	*	5580	109.86	-	-	96.41	31.86	11.52	29.93	400	194	A	H
		5762.48	52.8	-15.4	68.2	38.89	32.12	11.78	29.99	400	194	P	H
		5434.96	53.85	-20.15	74	40.65	31.7	11.41	29.91	100	124	P	V
		5467.12	53.12	-15.08	68.2	39.77	31.81	11.44	29.9	100	124	P	V
		5458.48	45.28	-8.72	54	31.96	31.79	11.43	29.9	100	124	A	V
	*	5580	121.93	-	-	108.55	31.79	11.52	29.93	100	124	P	V
	*	5580	114	-	-	100.62	31.79	11.52	29.93	100	124	A	V
		5763.425	53.47	-14.73	68.2	39.59	32.09	11.78	29.99	100	124	P	V

802.11a CH 140 5700MHz	*	5700	115.77	-	-	102.2	31.86	11.68	29.97	390	199	P	H
	*	5700	107.84	-	-	94.27	31.86	11.68	29.97	390	199	A	H
		5725.32	63.04	-5.16	68.2	49.32	31.98	11.72	29.98	390	199	P	H
													H
													H
													H
	*	5700	117.45	-	-	103.84	31.9	11.68	29.97	177	136	P	V
	*	5700	109.96	-	-	96.35	31.9	11.68	29.97	177	136	A	V
		5726.68	67.49	-0.71	68.2	53.75	31.99	11.73	29.98	177	136	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	50.64	-23.36	74	52.94	40.17	16.93	59.4	100	0	P	H
		16500	45.58	-22.62	68.2	46.28	38.85	20.65	60.2	100	0	P	H
													H
													H
		11000	48.86	-25.14	74	51.05	40.28	16.93	59.4	100	0	P	V
		16500	46.72	-21.48	68.2	47.18	39.09	20.65	60.2	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.57	-26.43	74	50.09	39.85	17.03	59.4	100	0	P	H
		16740	46.48	-21.72	68.2	45.64	39.68	20.83	59.67	100	0	P	H
													H
													H
		11160	47.46	-26.54	74	49.98	39.85	17.03	59.4	100	0	P	V
		16740	46.06	-22.14	68.2	44.97	39.93	20.83	59.67	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	57.24	-16.76	74	59.47	39.99	17.18	59.4	260	140	P	H
		11400	47.21	-6.79	54	49.44	39.99	17.18	59.4	260	140	A	H
		17100	47.2	-21	68.2	44.87	40.02	21.11	58.8	100	0	P	H
													H
		11400	48.34	-25.66	74	50.53	40.03	17.18	59.4	100	0	P	V
		17100	47.95	-20.25	68.2	45.46	40.18	21.11	58.8	100	0	P	V
		11400	48.34	-25.66	74	50.53	40.03	17.18	59.4	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Full (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)
802.11ax HE20 Full CH 100 5500MHz		5459.76	57.53	-16.47	74	44.28	31.72	11.43	29.9	399	197	P	H
		5469.84	65.48	-2.72	68.2	52.2	31.74	11.44	29.9	399	197	P	H
		5459.92	50.54	-3.46	54	37.29	31.72	11.43	29.9	399	197	A	H
	*	5500	120.1	-	-	106.75	31.79	11.46	29.9	399	197	P	H
	*	5500	109.41	-	-	96.06	31.79	11.46	29.9	399	197	A	H
		5453.2	61.28	-12.72	74	47.97	31.78	11.43	29.9	254	135	P	V
		5470	67.61	-0.59	68.2	54.25	31.82	11.44	29.9	254	135	P	V
		5460	52.71	-1.29	54	39.38	31.8	11.43	29.9	254	135	A	V
	*	5500	120.88	-	-	107.42	31.9	11.46	29.9	254	135	P	V
	*	5500	111.08	-	-	97.62	31.9	11.46	29.9	254	135	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5457.52	52.95	-21.05	74	39.71	31.71	11.43	29.9	400	129	P	H
		5462.08	53.14	-15.06	68.2	39.89	31.72	11.43	29.9	400	129	P	H
		5442.64	43.74	-10.26	54	30.54	31.68	11.42	29.9	400	129	A	H
	*	5580	117.66	-	-	104.21	31.86	11.52	29.93	400	129	P	H
	*	5580	107.74	-	-	94.29	31.86	11.52	29.93	400	129	A	H
		5727.2	53.85	-14.35	68.2	40.11	31.99	11.73	29.98	400	129	P	H
		5458.72	54.12	-19.88	74	40.8	31.79	11.43	29.9	244	121	P	V
		5470	55.08	-13.12	68.2	41.72	31.82	11.44	29.9	244	121	P	V
		5454.88	44.7	-9.3	54	31.39	31.78	11.43	29.9	244	121	A	V
	*	5580	121.23	-	-	107.85	31.79	11.52	29.93	244	121	P	V
	*	5580	112.38	-	-	99	31.79	11.52	29.93	244	121	A	V
		5748.305	53.56	-14.64	68.2	39.73	32.05	11.76	29.98	244	121	P	V

802.11ax HE20 Full CH 140 5700MHz	*	5700	115.16	-	-	101.59	31.86	11.68	29.97	388	196	P	H
	*	5700	106.31	-	-	92.74	31.86	11.68	29.97	388	196	A	H
		5731.16	61.65	-6.55	68.2	47.89	32.01	11.73	29.98	388	196	P	H
													H
													H
													H
	*	5700	118.35	-	-	104.74	31.9	11.68	29.97	248	128	P	V
	*	5700	109.09	-	-	95.48	31.9	11.68	29.97	248	128	A	V
		5725	66.7	-1.5	68.2	52.98	31.98	11.72	29.98	248	128	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 100 5500MHz		11000	54.2	-19.8	74	56.5	40.17	16.93	59.4	165	140	P	H
		11000	44.4	-9.6	54	46.7	40.17	16.93	59.4	165	140	A	H
		16500	46.58	-21.62	68.2	47.28	38.85	20.65	60.2	100	0	P	H
													H
		11000	47.48	-26.52	74	49.67	40.28	16.93	59.4	100	0	P	V
		16500	46.21	-21.99	68.2	46.67	39.09	20.65	60.2	100	0	P	V
		11000	47.48	-26.52	74	49.67	40.28	16.93	59.4	100	0	P	V
													V
802.11ax HE20 Full CH 116 5580MHz		11160	50.44	-23.56	74	52.96	39.85	17.03	59.4	100	0	P	H
		16740	46.87	-21.33	68.2	46.03	39.68	20.83	59.67	100	0	P	H
													H
													H
		11160	48.39	-25.61	74	50.91	39.85	17.03	59.4	100	0	P	V
		16740	46.36	-21.84	68.2	45.27	39.93	20.83	59.67	100	0	P	V
													V
													V
802.11ax HE20 Full CH 140 5700MHz		11400	56.24	-17.76	74	58.47	39.99	17.18	59.4	259	140	P	H
		11400	45.63	-8.37	54	47.86	39.99	17.18	59.4	259	140	A	H
		17100	48.06	-20.14	68.2	45.73	40.02	21.11	58.8	100	0	P	H
													H
		11400	53.46	-20.54	74	55.65	40.03	17.18	59.4	100	187	P	V
		11400	41.7	-12.3	54	43.89	40.03	17.18	59.4	100	187	A	V
		17100	47.61	-20.59	68.2	45.12	40.18	21.11	58.8	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 102 5510MHz		5455.36	60.95	-13.05	74	47.71	31.71	11.43	29.9	400	201	P	H
		5462.8	66.19	-2.01	68.2	52.94	31.72	11.43	29.9	400	201	P	H
		5456.56	52.02	-1.98	54	38.78	31.71	11.43	29.9	400	201	A	H
	*	5510	116.51	-	-	103.13	31.81	11.47	29.9	400	201	P	H
	*	5510	106.63	-	-	93.25	31.81	11.47	29.9	400	201	A	H
		5731.61	53.48	-14.72	68.2	39.72	32.01	11.73	29.98	400	201	P	H
		5459.68	63.26	-10.74	74	49.93	31.8	11.43	29.9	200	133	P	V
		5468.08	65.64	-2.56	68.2	52.28	31.82	11.44	29.9	200	133	P	V
		5455.84	53.29	-0.71	54	39.97	31.79	11.43	29.9	200	133	A	V
	*	5510	117.45	-	-	104	31.88	11.47	29.9	200	133	P	V
	*	5510	107.42	-	-	93.97	31.88	11.47	29.9	200	133	A	V
		5749.88	54.3	-13.9	68.2	40.46	32.06	11.76	29.98	200	133	P	V
802.11ax HE40 Full CH 110 5550MHz		5458.72	54.49	-19.51	74	41.24	31.72	11.43	29.9	100	234	P	H
		5467.84	58.44	-9.76	68.2	45.17	31.73	11.44	29.9	100	234	P	H
		5458.96	46.03	-7.97	54	32.78	31.72	11.43	29.9	100	234	A	H
	*	5550	115.46	-	-	102.02	31.87	11.49	29.92	100	234	P	H
	*	5550	105.44	-	-	92	31.87	11.49	29.92	100	234	A	H
		5735.705	53.32	-14.88	68.2	39.53	32.03	11.74	29.98	100	234	P	H
		5453.68	60.83	-13.17	74	47.52	31.78	11.43	29.9	100	119	P	V
		5468.08	66.04	-2.16	68.2	52.68	31.82	11.44	29.9	100	119	P	V
		5459.92	51	-3	54	37.67	31.8	11.43	29.9	100	119	A	V
	*	5550	120.76	-	-	107.39	31.8	11.49	29.92	100	119	P	V
	*	5550	111.28	-	-	97.91	31.8	11.49	29.92	100	119	A	V
		5752.715	55.52	-12.68	68.2	41.67	32.07	11.77	29.99	100	119	P	V

802.11ax HE40 Full CH 134 5670MHz		5439.76	54.06	-19.94	74	40.87	31.67	11.42	29.9	388	223	P	H
		5469.28	52.75	-15.45	68.2	39.48	31.73	11.44	29.9	388	223	P	H
		5449.84	43.81	-10.19	54	30.59	31.7	11.42	29.9	388	223	A	H
	*	5670	115.82	-	-	102.36	31.78	11.64	29.96	388	223	P	H
	*	5670	105.46	-	-	92	31.78	11.64	29.96	388	223	A	H
		5727.2	61.24	-6.96	68.2	47.5	31.99	11.73	29.98	388	223	P	H
		5452.96	53.79	-20.21	74	40.48	31.78	11.43	29.9	240	126	P	V
		5461.12	53.37	-14.83	68.2	40.04	31.8	11.43	29.9	240	126	P	V
		5459.68	44.97	-9.03	54	31.64	31.8	11.43	29.9	240	126	A	V
	*	5670	118.58	-	-	105.06	31.84	11.64	29.96	240	126	P	V
	*	5670	108.55	-	-	95.03	31.84	11.64	29.96	240	126	A	V
		5732.555	67.31	-0.89	68.2	53.55	32	11.74	29.98	240	126	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 102 5510MHz		11020	48.98	-25.02	74	51.3	40.15	16.93	59.4	100	0	P	H
		16530	46.04	-22.16	68.2	46.54	38.96	20.67	60.13	100	0	P	H
													H
													H
		11020	47.16	-26.84	74	49.39	40.24	16.93	59.4	100	0	P	V
		16530	45.9	-22.3	68.2	46.16	39.2	20.67	60.13	100	0	P	V
													V
													V
802.11ax HE40 Full CH 110 5550MHz		11100	48.05	-25.95	74	50.47	39.99	16.99	59.4	100	0	P	H
		16650	47.67	-20.53	68.2	47.47	39.31	20.76	59.87	100	0	P	H
													H
													H
		11100	47.34	-26.66	74	49.68	40.07	16.99	59.4	100	0	P	V
		16650	46.71	-21.49	68.2	46.24	39.58	20.76	59.87	100	0	P	V
													V
													V
802.11ax HE40 Full CH 134 5670MHz		11340	52.47	-21.53	74	54.87	39.86	17.14	59.4	262	141	P	H
		11340	42.87	-11.13	54	45.27	39.86	17.14	59.4	262	141	A	H
		17010	47.5	-20.7	68.2	45.43	40.1	21.04	59.07	100	0	P	H
													H
		11340	48.42	-25.58	74	50.76	39.92	17.14	59.4	100	0	P	V
		17010	47.92	-20.28	68.2	45.75	40.2	21.04	59.07	100	0	P	V
		11340	48.42	-25.58	74	50.76	39.92	17.14	59.4	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (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)
802.11ax HE80 Full CH 106 5530MHz		5452.72	58.59	-15.41	74	45.36	31.7	11.43	29.9	100	235	P	H
		5469.76	59.18	-9.02	68.2	45.9	31.74	11.44	29.9	100	235	P	H
		5459.92	49.64	-4.36	54	36.39	31.72	11.43	29.9	100	235	A	H
	*	5530	109.14	-	-	95.73	31.84	11.48	29.91	100	235	P	H
	*	5530	99.32	-	-	85.91	31.84	11.48	29.91	100	235	A	H
		5760.275	53	-15.2	68.2	39.09	32.12	11.78	29.99	100	235	P	H
		5448.88	62.66	-11.34	74	49.37	31.77	11.42	29.9	100	121	P	V
		5469.28	65.39	-2.81	68.2	52.03	31.82	11.44	29.9	100	121	P	V
		5457.76	53.22	-0.78	54	39.9	31.79	11.43	29.9	100	121	A	V
	*	5530	113.94	-	-	100.53	31.84	11.48	29.91	100	121	P	V
	*	5530	103.66	-	-	90.25	31.84	11.48	29.91	100	121	A	V
		5725.94	55.23	-12.97	68.2	41.5	31.98	11.73	29.98	100	121	P	V
802.11ax HE80 Full CH 122 5610MHz		5445.76	54.14	-19.86	74	40.93	31.69	11.42	29.9	250	103	P	H
		5463.28	53.72	-14.48	68.2	40.47	31.72	11.43	29.9	250	103	P	H
		5454.88	44.63	-9.37	54	31.39	31.71	11.43	29.9	250	103	A	H
	*	5610	109.46	-	-	96.02	31.83	11.55	29.94	250	103	P	H
	*	5610	99.94	-	-	86.5	31.83	11.55	29.94	250	103	A	H
		5726.885	59.93	-8.27	68.2	46.19	31.99	11.73	29.98	250	103	P	H
		5455.12	58.6	-15.4	74	45.29	31.78	11.43	29.9	109	127	P	V
		5469.52	60.08	-8.12	68.2	46.72	31.82	11.44	29.9	109	127	P	V
		5459.92	49.58	-4.42	54	36.25	31.8	11.43	29.9	109	127	A	V
	*	5610	114.6	-	-	101.2	31.79	11.55	29.94	109	127	P	V
	*	5610	112.4	-	-	99	31.79	11.55	29.94	109	127	A	V
		5733.185	67.07	-1.13	68.2	53.3	32.01	11.74	29.98	109	127	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 106 5530MHz		11060	46.55	-27.45	74	48.9	40.09	16.96	59.4	100	0	P	H
		16590	46.37	-21.83	68.2	46.49	39.17	20.71	60	100	0	P	H
													H
													H
		11060	46.09	-27.91	74	48.37	40.16	16.96	59.4	100	0	P	V
		16590	44.64	-23.56	68.2	46.12	37.81	20.71	60	100	0	P	V
													V
													V
802.11ax HE80 Full CH 122 5610MHz		11220	46.97	-27.03	74	49.55	39.75	17.07	59.4	100	0	P	H
		16830	46.79	-21.41	68.2	45.4	39.97	20.89	59.47	100	0	P	H
													H
													H
		11220	46.14	-27.86	74	48.68	39.79	17.07	59.4	100	0	P	V
		16830	47.15	-21.05	68.2	45.58	40.15	20.89	59.47	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 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)
802.11a CH 144 5720MHz		5407.72	53.2	-20.8	74	40.13	31.58	11.4	29.91	387	199	P	H
		5467	52.32	-15.88	68.2	39.05	31.73	11.44	29.9	387	199	P	H
		5458.03	44.73	-9.27	54	31.49	31.71	11.43	29.9	387	199	A	H
	*	5720	118.65	-	-	104.94	31.96	11.72	29.97	387	199	P	H
	*	5720	110.67	-	-	96.96	31.96	11.72	29.97	387	199	A	H
		5930.5	53.96	-14.24	68.2	39.65	32.45	11.91	30.05	387	199	P	H
		5425.27	54.33	-19.67	74	41.17	31.66	11.41	29.91	187	132	P	V
		5460.37	52.37	-15.83	68.2	39.04	31.8	11.43	29.9	187	132	P	V
		5455.69	44.91	-9.09	54	31.6	31.78	11.43	29.9	187	132	A	V
	*	5720	120.84	-	-	107.13	31.96	11.72	29.97	187	132	P	V
	*	5720	113.35	-	-	99.64	31.96	11.72	29.97	187	132	A	V
		5939	54.51	-13.69	68.2	40.16	32.48	11.92	30.05	187	132	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		11440	59.24	-14.76	74	61.31	40.12	17.21	59.4	142	216	P	H
		11440	49.48	-4.52	54	51.55	40.12	17.21	59.4	142	216	A	H
		17160	47.39	-20.81	68.2	44.7	40.16	21.15	58.62	100	0	P	H
													H
		11440	55.31	-18.69	74	57.34	40.16	17.21	59.4	102	188	P	V
		11440	45.16	-8.84	54	47.19	40.16	17.21	59.4	102	188	A	V
		17160	46.48	-21.72	68.2	43.7	40.25	21.15	58.62	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

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)
802.11ax HE20 Full CH 144 5720MHz		5453.74	52.83	-21.17	74	39.59	31.71	11.43	29.9	400	219	P	H
		5461.15	52.03	-16.17	68.2	38.78	31.72	11.43	29.9	400	219	P	H
		5453.35	43.98	-10.02	54	30.74	31.71	11.43	29.9	400	219	A	H
	*	5720	119.99	-	-	106.28	31.96	11.72	29.97	400	219	P	H
	*	5720	108.95	-	-	95.24	31.96	11.72	29.97	400	219	A	H
		5875.25	53.43	-14.77	68.2	39.23	32.35	11.88	30.03	400	219	P	H
		5443.21	53.89	-20.11	74	40.63	31.74	11.42	29.9	186	132	P	V
		5464.66	53.27	-14.93	68.2	39.92	31.81	11.44	29.9	186	132	P	V
		5455.3	44.44	-9.56	54	31.13	31.78	11.43	29.9	186	132	A	V
	*	5720	122.11	-	-	108.4	31.96	11.72	29.97	186	132	P	V
	*	5720	111.96	-	-	98.25	31.96	11.72	29.97	186	132	A	V
		5919	54.47	-13.73	68.2	40.14	32.46	11.91	30.04	186	132	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 144 5720MHz		11440	60.15	-13.85	74	62.22	40.12	17.21	59.4	129	218	P	H
		11440	47.35	-6.65	54	49.42	40.12	17.21	59.4	129	218	A	H
		17160	47.92	-20.28	68.2	45.23	40.16	21.15	58.62	100	0	P	H
													H
		11440	49.24	-24.76	74	51.27	40.16	17.21	59.4	100	0	P	V
		17160	47.04	-21.16	68.2	44.26	40.25	21.15	58.62	100	0	P	V
		11440	49.24	-24.76	74	51.27	40.16	17.21	59.4	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

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)
802.11ax HE40 Full CH 142 5710MHz		5428.78	53.33	-20.67	74	40.19	31.64	11.41	29.91	100	105	P	H
		5461.54	53.07	-15.13	68.2	39.82	31.72	11.43	29.9	100	105	P	H
		5456.86	43.84	-10.16	54	30.6	31.71	11.43	29.9	100	105	A	H
	*	5710	116.32	-	-	102.68	31.91	11.7	29.97	100	105	P	H
	*	5710	106.93	-	-	93.29	31.91	11.7	29.97	100	105	A	H
		5948	54.12	-14.08	68.2	39.75	32.5	11.92	30.05	100	105	P	H
		5445.16	54.75	-19.25	74	41.48	31.75	11.42	29.9	100	126	P	V
		5466.61	53.51	-14.69	68.2	40.16	31.81	11.44	29.9	100	126	P	V
		5459.98	45.36	-8.64	54	32.03	31.8	11.43	29.9	100	126	A	V
	*	5710	120.21	-	-	106.55	31.93	11.7	29.97	100	126	P	V
	*	5710	111.29	-	-	97.63	31.93	11.7	29.97	100	126	A	V
		5853	66.18	-2.02	68.2	51.95	32.38	11.87	30.02	100	126	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 142 5710MHz		11420	55.83	-18.17	74	57.98	40.05	17.2	59.4	100	144	P	H
		11420	45.87	-8.13	54	48.02	40.05	17.2	59.4	100	144	A	H
		17130	47.35	-20.85	68.2	44.84	40.09	21.13	58.71	100	0	P	H
													H
		11420	52.11	-21.89	74	54.22	40.09	17.2	59.4	392	163	P	V
		11420	42.75	-11.25	54	44.86	40.09	17.2	59.4	392	163	A	V
		17130	46.37	-21.83	68.2	43.75	40.2	21.13	58.71	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

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)
802.11ax HE80 Full CH 138 5690MHz		5447.89	54.69	-19.31	74	41.48	31.69	11.42	29.9	100	231	P	H
		5466.22	52.3	-15.9	68.2	39.03	31.73	11.44	29.9	100	231	P	H
		5449.06	44.2	-9.8	54	30.98	31.7	11.42	29.9	100	231	A	H
	*	5690	109.99	-	-	96.45	31.83	11.67	29.96	100	231	P	H
	*	5690	101.88	-	-	88.34	31.83	11.67	29.96	100	231	A	H
		5855.5	57.17	-11.03	68.2	43	32.32	11.87	30.02	100	231	P	H
		5458.42	55.92	-18.08	74	42.6	31.79	11.43	29.9	100	117	P	V
		5467.39	55.36	-12.84	68.2	42	31.82	11.44	29.9	100	117	P	V
		5459.98	47.51	-6.49	54	34.18	31.8	11.43	29.9	100	117	A	V
	*	5690	115.82	-	-	102.23	31.88	11.67	29.96	100	117	P	V
	*	5690	106.25	-	-	92.66	31.88	11.67	29.96	100	117	A	V
		5865.75	67.12	-1.08	68.2	52.86	32.4	11.88	30.02	100	117	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 138 5690MHz		11380	50.01	-23.99	74	52.3	39.94	17.17	59.4	100	0	P	H
		17070	47.27	-20.93	68.2	45.03	40.04	21.09	58.89	100	0	P	H
													H
													H
		11380	47.59	-26.41	74	49.83	39.99	17.17	59.4	100	0	P	V
		17070	47.09	-21.11	68.2	44.72	40.17	21.09	58.89	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

<Band-edge Unmodulated>

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (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)
802.11ax HE20 Full CH 64 5320MHz	*	5320	115.02	-	-	102.25	31.39	11.29	29.91	305	250	P	H
	*	5320	106.05	-	-	93.28	31.39	11.29	29.91	305	250	A	H
		5415.68	53.94	-20.06	74	40.85	31.6	11.4	29.91	305	250	P	H
		5455.84	44.04	-9.96	54	30.8	31.71	11.43	29.9	305	250	A	H
													H
													H
	*	5320	116.31	-	-	103.55	31.38	11.29	29.91	100	123	P	V
	*	5320	107.88	-	-	95.12	31.38	11.29	29.91	100	123	A	V
		5363.52	54.48	-19.52	74	41.61	31.44	11.34	29.91	100	123	P	V
		5350.08	45.73	-8.27	54	32.91	31.4	11.33	29.91	100	123	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

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)
802.11ax HE40 Full CH 62 5310MHz		5120.7	53.62	-20.38	74	40.58	32.06	10.91	29.93	279	284	P	H
		5136	44.38	-9.62	54	31.33	32.03	10.95	29.93	279	284	A	H
	*	5310	112.33	-	-	99.6	31.37	11.28	29.92	279	284	P	H
	*	5310	103.39	-	-	90.66	31.37	11.28	29.92	279	284	A	H
		5360.4	68.39	-5.61	74	55.49	31.47	11.34	29.91	279	284	P	H
		5350.8	51.94	-2.06	54	39.07	31.45	11.33	29.91	279	284	A	H
		5090.1	54.15	-19.85	74	41.3	31.96	10.82	29.93	101	121	P	V
		5148.58	45	-9	54	31.96	31.98	10.99	29.93	101	121	A	V
	*	5310	114.72	-	-	101.98	31.38	11.28	29.92	101	121	P	V
	*	5310	105.69	-	-	92.95	31.38	11.28	29.92	101	121	A	V
		5351.04	73.17	-0.83	74	60.35	31.4	11.33	29.91	101	121	P	V
		5350.56	53.02	-0.98	54	40.2	31.4	11.33	29.91	101	121	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

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)
802.11ax HE20 Full CH 100 5500MHz		5451.04	56.24	-17.76	74	43.01	31.7	11.43	29.9	286	121	P	H
		5460.16	55.3	-12.9	68.2	42.05	31.72	11.43	29.9	286	121	P	H
		5459.92	45.24	-8.76	54	31.99	31.72	11.43	29.9	286	121	A	H
	*	5500	116.57	-	-	103.22	31.79	11.46	29.9	286	121	P	H
	*	5500	107.01	-	-	93.66	31.79	11.46	29.9	286	121	A	H
		5445.76	54.1	-19.9	74	40.83	31.75	11.42	29.9	264	187	P	V
		5468.08	55.79	-12.41	68.2	42.43	31.82	11.44	29.9	264	187	P	V
		5458.48	45.1	-8.9	54	31.78	31.79	11.43	29.9	264	187	A	V
	*	5500	114.16	-	-	100.7	31.9	11.46	29.9	264	187	P	V
	*	5500	105.48	-	-	92.02	31.9	11.46	29.9	264	187	A	V
		5730.98	53.91	-14.29	68.2	40.16	32	11.73	29.98	264	187	P	V
802.11ax HE20 Full CH 140 5700MHz	*	5700	110.85	-	-	97.28	31.86	11.68	29.97	100	139	P	H
	*	5700	102.57	-	-	89	31.86	11.68	29.97	100	139	A	H
		5728.04	53.64	-14.56	68.2	39.9	31.99	11.73	29.98	100	139	P	H
	*	5700	118.24	-	-	104.63	31.9	11.68	29.97	244	126	P	V
	*	5700	107.61	-	-	94	31.9	11.68	29.97	244	126	A	V
		5726.44	59.56	-8.64	68.2	45.83	31.98	11.73	29.98	244	126	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (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)
802.11ax HE40 Full CH 102 5510MHz		5453.2	54.81	-19.19	74	41.57	31.71	11.43	29.9	400	331	P	H
		5469.52	57.79	-10.41	68.2	44.51	31.74	11.44	29.9	400	331	P	H
		5459.92	47.15	-6.85	54	33.9	31.72	11.43	29.9	400	331	A	H
	*	5510	112.91	-	-	99.53	31.81	11.47	29.9	400	331	P	H
	*	5510	103.25	-	-	89.87	31.81	11.47	29.9	400	331	A	H
		5759.96	54.77	-13.43	68.2	40.86	32.12	11.78	29.99	400	331	P	H
		5450.8	59.52	-14.48	74	46.22	31.77	11.43	29.9	273	294	P	V
		5469.52	56.43	-11.77	68.2	43.07	31.82	11.44	29.9	273	294	P	V
		5457.04	46.13	-7.87	54	32.81	31.79	11.43	29.9	273	294	A	V
	*	5510	112	-	-	98.55	31.88	11.47	29.9	273	294	P	V
	*	5510	101.98	-	-	88.53	31.88	11.47	29.9	273	294	A	V
		5762.165	53.6	-14.6	68.2	39.72	32.09	11.78	29.99	273	294	P	V
802.11ax HE40 Full CH 134 5670MHz		5437.85	53.63	-20.37	74	40.44	31.67	11.42	29.9	323	275	P	H
		5465.15	52.93	-15.27	68.2	39.66	31.73	11.44	29.9	323	275	P	H
		5459.2	44.56	-9.44	54	31.31	31.72	11.43	29.9	323	275	A	H
	*	5670	113.16	-	-	99.7	31.78	11.64	29.96	323	275	P	H
	*	5670	104.72	-	-	91.26	31.78	11.64	29.96	323	275	A	H
		5725.1	59.05	-9.15	68.2	45.33	31.98	11.72	29.98	323	275	P	H
		5456.75	53.56	-20.44	74	40.24	31.79	11.43	29.9	387	6	P	V
		5467.95	51.68	-16.52	68.2	38.32	31.82	11.44	29.9	387	6	P	V
		5455	44.52	-9.48	54	31.21	31.78	11.43	29.9	387	6	A	V
	*	5670	112.75	-	-	99.23	31.84	11.64	29.96	387	6	P	V
	*	5670	105.08	-	-	91.56	31.84	11.64	29.96	387	6	A	V
		5729.3	54.23	-13.97	68.2	40.49	31.99	11.73	29.98	387	6	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (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)
802.11ax HE80 Full CH 106 5530MHz		5414.8	64.4	-9.6	74	51.31	31.6	11.4	29.91	100	241	P	H
		5465.68	62.47	-5.73	68.2	49.2	31.73	11.44	29.9	100	241	P	H
		5454.88	49.99	-4.01	54	36.75	31.71	11.43	29.9	100	241	A	H
	*	5530	105.83	-	-	92.42	31.84	11.48	29.91	100	241	P	H
	*	5530	96.12	-	-	82.71	31.84	11.48	29.91	100	241	A	H
		5735.39	54.25	-13.95	68.2	40.46	32.03	11.74	29.98	100	241	P	H
		5437.12	66.11	-7.89	74	52.89	31.71	11.42	29.91	100	126	P	V
		5466.88	62.7	-5.5	68.2	49.35	31.81	11.44	29.9	100	126	P	V
		5455.12	51.97	-2.03	54	38.66	31.78	11.43	29.9	100	126	A	V
	*	5554	109.23	-	-	95.85	31.8	11.5	29.92	100	126	P	V
	*	5554	99.74	-	-	86.36	31.8	11.5	29.92	100	126	A	V
		5731.61	54.12	-14.08	68.2	40.37	32	11.73	29.98	100	126	P	V
802.11ax HE80 Full CH 122 5610MHz		5459.2	57.1	-16.9	74	43.85	31.72	11.43	29.9	100	235	P	H
		5462.8	55	-13.2	68.2	41.75	31.72	11.43	29.9	100	235	P	H
		5458.48	47.1	-6.9	54	33.85	31.72	11.43	29.9	100	235	A	H
	*	5610	109.49	-	-	96.05	31.83	11.55	29.94	100	235	P	H
	*	5610	99.45	-	-	86.01	31.83	11.55	29.94	100	235	A	H
		5730.35	66.88	-1.32	68.2	53.12	32.01	11.73	29.98	100	235	P	H
		5441.2	64.12	-9.88	74	50.87	31.73	11.42	29.9	108	129	P	V
		5465.68	64.51	-3.69	68.2	51.16	31.81	11.44	29.9	108	129	P	V
		5458.72	51.23	-2.77	54	37.91	31.79	11.43	29.9	108	129	A	V
	*	5610	113.55	-	-	100.15	31.79	11.55	29.94	108	129	P	V
	*	5610	103.94	-	-	90.54	31.79	11.55	29.94	108	129	A	V
		5730.35	67.52	-0.68	68.2	53.77	32	11.73	29.98	108	129	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

<Middle Unmodulated>

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

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)
	*	5320	113.44	-	-	100.67	31.39	11.29	29.91	400	355	P	H
	*	5320	104.82	-	-	92.05	31.39	11.29	29.91	400	355	A	H
		5352	67.91	-6.09	74	55.04	31.45	11.33	29.91	400	355	P	H
		5352	52.49	-1.51	54	39.62	31.45	11.33	29.91	400	355	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	115	-	-	102.24	31.38	11.29	29.91	302	241	P	V
5320MHz	*	5320	106.83	-	-	94.07	31.38	11.29	29.91	302	241	A	V
		5353.76	69	-5	74	56.17	31.41	11.33	29.91	302	241	P	V
		5353.76	53	-1	54	40.17	31.41	11.33	29.91	302	241	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

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)
802.11ax HE40 Full CH 62 5310MHz		5135.32	54.31	-19.69	74	41.26	32.03	10.95	29.93	400	360	P	H
		5138.72	44.8	-9.2	54	31.75	32.02	10.96	29.93	400	360	A	H
	*	5310	112.76	-	-	100.03	31.37	11.28	29.92	400	360	P	H
	*	5310	103.63	-	-	90.9	31.37	11.28	29.92	400	360	A	H
		5356.32	71.66	-2.34	74	58.77	31.46	11.34	29.91	400	360	P	H
		5355.6	53.25	-0.75	54	40.37	31.46	11.33	29.91	400	360	P	H
		5107.1	53.27	-20.73	74	40.34	31.99	10.87	29.93	303	287	P	V
		5131.92	44.46	-9.54	54	31.47	31.98	10.94	29.93	303	287	A	V
	*	5310	115.38	-	-	102.64	31.38	11.28	29.92	303	287	P	V
	*	5310	105.57	-	-	92.83	31.38	11.28	29.92	303	287	A	V
		5350.08	68.34	-5.66	74	55.52	31.4	11.33	29.91	303	287	P	V
		5359.68	52.35	-1.65	54	39.49	31.43	11.34	29.91	303	287	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

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)
802.11ax HE80 Full CH 58 5290MHz		5136.34	53.39	-20.61	74	40.34	32.03	10.95	29.93	400	360	P	H
		5133.96	46.3	-7.7	54	33.24	32.04	10.95	29.93	400	360	A	H
	*	5290	106.52	-	-	93.82	31.37	11.25	29.92	400	360	P	H
	*	5290	97.82	-	-	85.12	31.37	11.25	29.92	400	360	A	H
		5381.76	59.23	-14.77	74	46.25	31.52	11.37	29.91	400	360	P	H
		5380.32	52.39	-1.61	54	39.41	31.52	11.37	29.91	400	360	A	H
		5069.36	52.12	-21.88	74	39.41	31.89	10.75	29.93	284	283	P	V
		5142.46	45.69	-8.31	54	32.67	31.98	10.97	29.93	284	283	A	V
	*	5290	108.11	-	-	95.38	31.4	11.25	29.92	284	283	P	V
	*	5290	99.25	-	-	86.52	31.4	11.25	29.92	284	283	A	V
		5382	60.84	-13.16	74	47.88	31.5	11.37	29.91	284	283	P	V
		5383.68	53.04	-0.96	54	40.08	31.5	11.37	29.91	284	283	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

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)
802.11ax HE20 Full CH 100 5500MHz		5458.16	57.88	-16.12	74	44.64	31.71	11.43	29.9	383	356	P	H
		5464.88	67.14	-1.06	68.2	53.87	31.73	11.44	29.9	383	356	P	H
		5459.92	47.53	-6.47	54	34.28	31.72	11.43	29.9	383	356	A	H
	*	5500	113.95	-	-	100.6	31.79	11.46	29.9	383	356	P	H
	*	5500	105.31	-	-	91.96	31.79	11.46	29.9	383	356	A	H
		5456.56	60.08	-13.92	74	46.76	31.79	11.43	29.9	279	277	P	V
		5468.24	67.42	-0.78	68.2	54.06	31.82	11.44	29.9	279	277	P	V
		5459.92	48.7	-5.3	54	35.37	31.8	11.43	29.9	279	277	A	V
	*	5500	114.56	-	-	101.1	31.9	11.46	29.9	279	277	P	V
	*	5500	105.32	-	-	91.86	31.9	11.46	29.9	279	277	A	V
802.11ax HE20 Full CH 140 5700MHz	*	5700	110.71	-	-	97.14	31.86	11.68	29.97	400	355	P	H
	*	5700	102.24	-	-	88.67	31.86	11.68	29.97	400	355	A	H
		5726.44	66.6	-1.6	68.2	52.86	31.99	11.73	29.98	400	355	P	H
	*	5700	109.18	-	-	95.57	31.9	11.68	29.97	275	273	P	V
	*	5700	100.43	-	-	86.82	31.9	11.68	29.97	275	273	A	V
		5733.56	66.71	-1.49	68.2	52.94	32.01	11.74	29.98	275	273	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

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)
802.11ax HE40 Full CH 102 5510MHz		5459.68	62.81	-11.19	74	49.56	31.72	11.43	29.9	382	355	P	H
		5463.04	66.24	-1.96	68.2	52.99	31.72	11.43	29.9	382	355	P	H
		5459.92	50.09	-3.91	54	36.84	31.72	11.43	29.9	382	355	A	H
	*	5510	112.61	-	-	99.23	31.81	11.47	29.9	382	355	P	H
	*	5510	103.31	-	-	89.93	31.81	11.47	29.9	382	355	A	H
		5758.385	54.44	-13.76	68.2	40.53	32.12	11.78	29.99	382	355	P	H
		5459.68	61.91	-12.09	74	48.58	31.8	11.43	29.9	279	276	P	V
		5467.36	64.83	-3.37	68.2	51.47	31.82	11.44	29.9	279	276	P	V
		5458.24	50.86	-3.14	54	37.54	31.79	11.43	29.9	279	276	A	V
	*	5510	112.68	-	-	99.23	31.88	11.47	29.9	279	276	P	V
	*	5510	102.97	-	-	89.52	31.88	11.47	29.9	279	276	A	V
		5751.77	53.72	-14.48	68.2	39.88	32.06	11.77	29.99	279	276	P	V
802.11ax HE40 Full CH 134 5670MHz		5404.95	52.25	-21.75	74	39.2	31.57	11.39	29.91	400	358	P	H
		5466.2	52.21	-15.99	68.2	38.94	31.73	11.44	29.9	400	358	P	H
		5458.85	44.59	-9.41	54	31.34	31.72	11.43	29.9	400	358	A	H
	*	5670	113.4	-	-	99.94	31.78	11.64	29.96	400	358	P	H
	*	5670	104.89	-	-	91.43	31.78	11.64	29.96	400	358	A	H
		5737.875	67.03	-1.17	68.2	53.23	32.04	11.74	29.98	400	358	P	H
		5441.35	53.26	-20.74	74	40.01	31.73	11.42	29.9	264	265	P	V
		5461.3	54.04	-14.16	68.2	40.71	31.8	11.43	29.9	264	265	P	V
		5459.55	44.6	-9.4	54	31.28	31.79	11.43	29.9	264	265	A	V
	*	5670	112.79	-	-	99.27	31.84	11.64	29.96	264	265	P	V
	*	5670	103.27	-	-	89.75	31.84	11.64	29.96	264	265	A	V
		5739.8	65.46	-2.74	68.2	51.66	32.03	11.75	29.98	264	265	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (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)
802.11ax HE80 Full CH 106 5530MHz		5439.28	63.1	-10.9	74	49.91	31.67	11.42	29.9	400	360	P	H
		5469.76	60.49	-7.71	68.2	47.21	31.74	11.44	29.9	400	360	P	H
		5438.56	52.96	-1.04	54	39.77	31.67	11.42	29.9	400	360	A	H
	*	5530	106.91	-	-	93.5	31.84	11.48	29.91	400	360	P	H
	*	5530	98.4	-	-	84.99	31.84	11.48	29.91	400	360	A	H
		5749.25	56.42	-11.78	68.2	42.54	32.1	11.76	29.98	400	360	P	H
		5439.28	62.89	-11.11	74	49.65	31.72	11.42	29.9	274	273	P	V
		5464	58.74	-9.46	68.2	45.4	31.81	11.43	29.9	274	273	P	V
		5441.44	53.4	-0.6	54	40.15	31.73	11.42	29.9	274	273	A	V
	*	5530	106.05	-	-	92.64	31.84	11.48	29.91	274	273	P	V
	*	5530	96.99	-	-	83.58	31.84	11.48	29.91	274	273	A	V
		5761.85	53.34	-14.86	68.2	39.46	32.09	11.78	29.99	274	273	P	V
802.11ax HE80 Full CH 122 5610MHz		5458.48	64.77	-9.23	74	51.52	31.72	11.43	29.9	400	360	P	H
		5461.36	63.65	-4.55	68.2	50.4	31.72	11.43	29.9	400	360	P	H
		5457.52	53.26	-0.74	54	40.02	31.71	11.43	29.9	400	360	A	H
	*	5610	112.06	-	-	98.62	31.83	11.55	29.94	400	360	P	H
	*	5610	101.68	-	-	88.24	31.83	11.55	29.94	400	360	A	H
		5755.55	65.39	-2.81	68.2	51.5	32.11	11.77	29.99	400	360	P	H
		5457.76	64.66	-9.34	74	51.34	31.79	11.43	29.9	316	273	P	V
		5463.04	64.24	-3.96	68.2	50.91	31.8	11.43	29.9	316	273	P	V
		5458	52.4	-1.6	54	39.08	31.79	11.43	29.9	316	273	A	V
	*	5610	109.66	-	-	96.26	31.79	11.55	29.94	316	273	P	V
	*	5610	100.07	-	-	86.67	31.79	11.55	29.94	316	273	A	V
		5763.74	64.59	-3.61	68.2	50.7	32.1	11.78	29.99	316	273	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Note symbol

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

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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

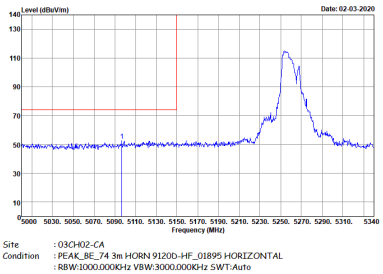
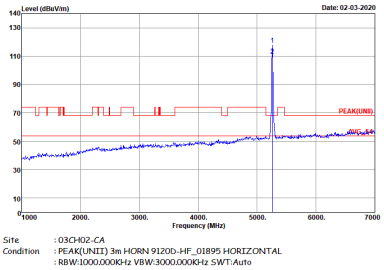
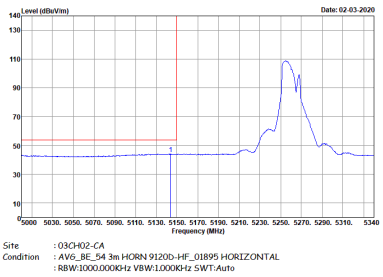
Test Engineer :	Calvin Wu, Leo Luo, and Jacky Hong	**Temperature :**	19~22°C
		Relative Humidity :	36~45%

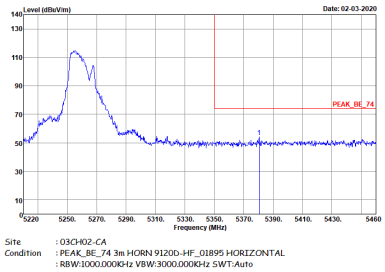
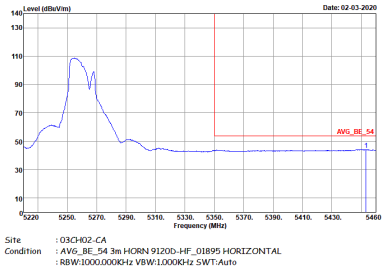
Note symbol

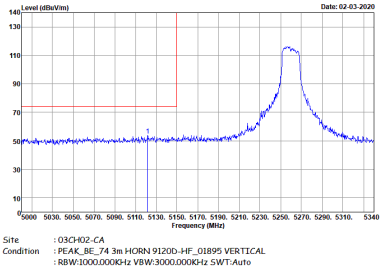
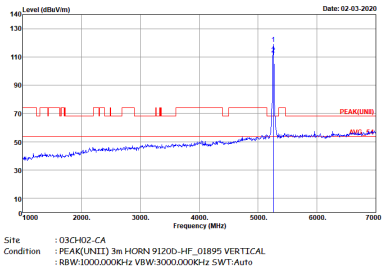
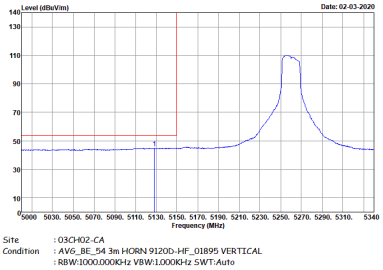
-L	**Low channel location**
-R	**High channel location**

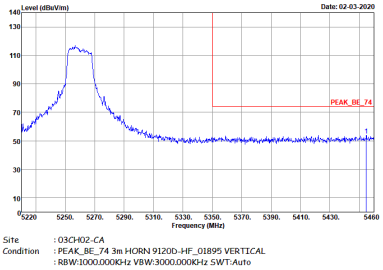
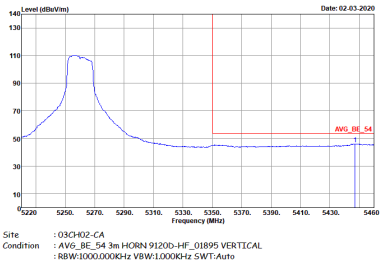
Band 2 - 5250~5350MHz

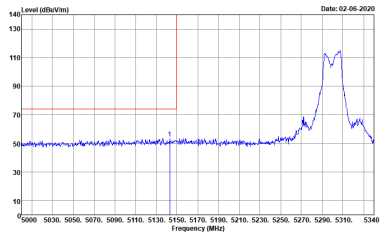
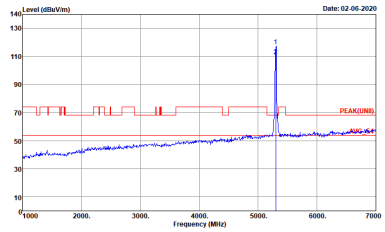
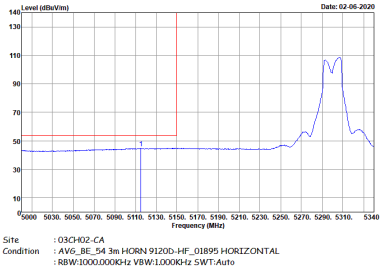
WIFI 802.11a (Band Edge @ 3m)

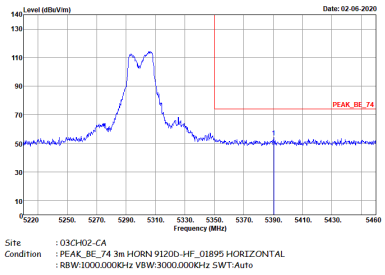
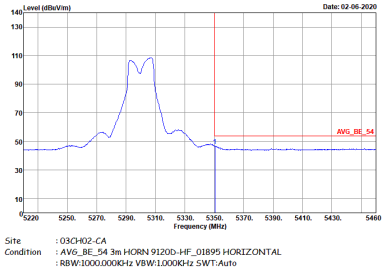
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

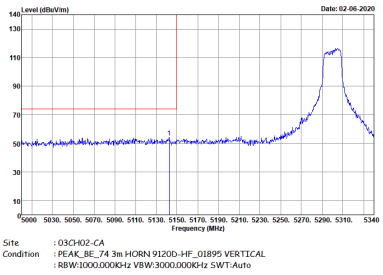
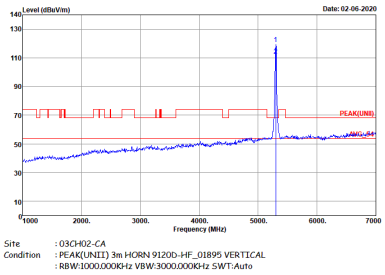
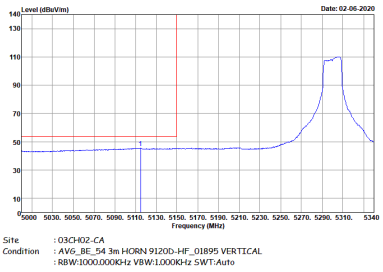
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

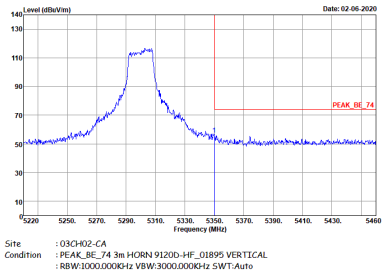
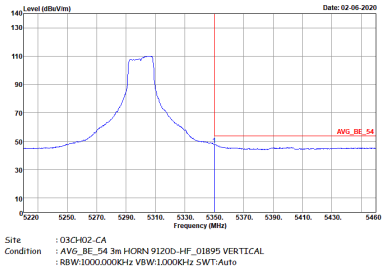
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

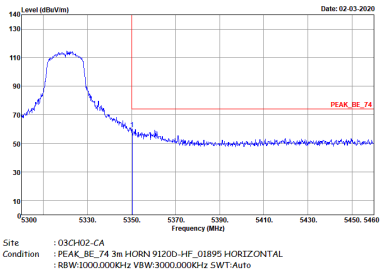
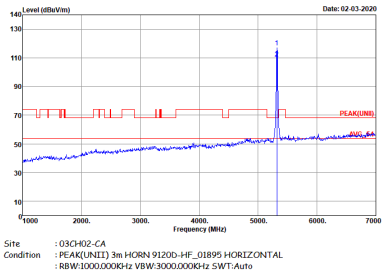
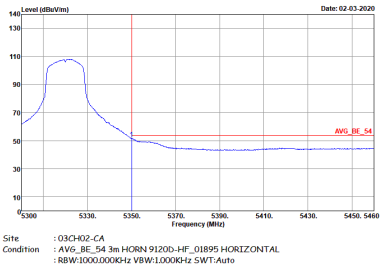
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

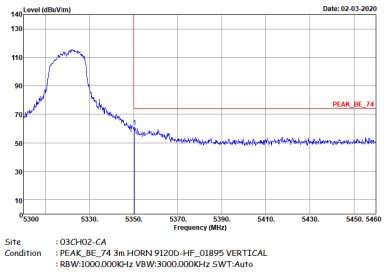
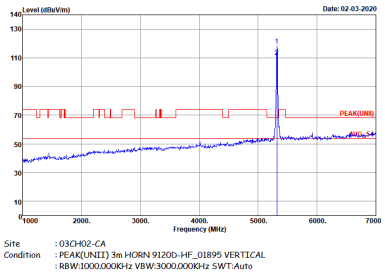
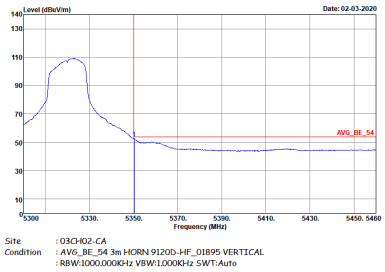
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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		
Avg.		Left blank

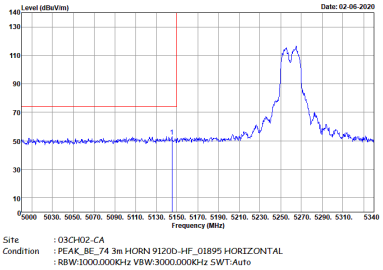
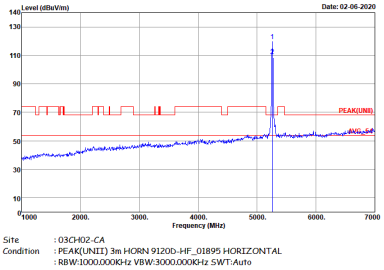
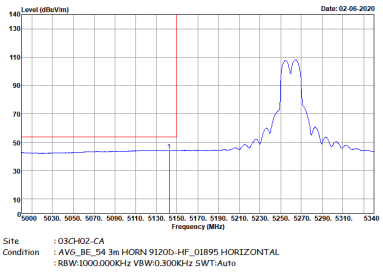
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

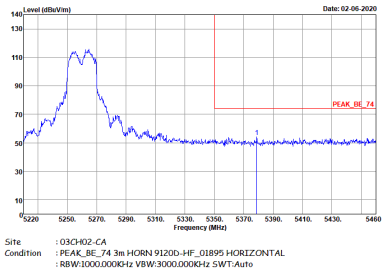
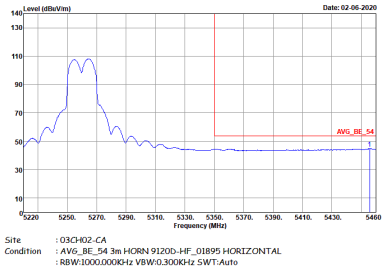
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

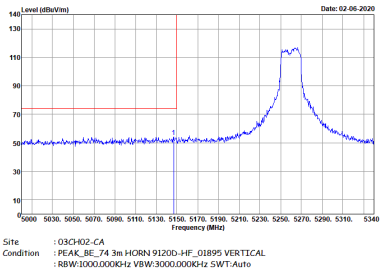
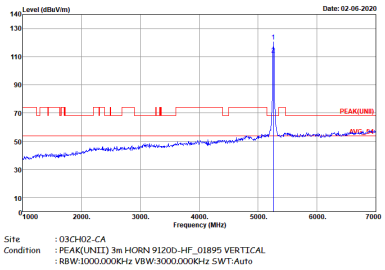
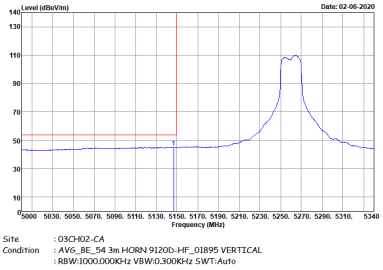
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

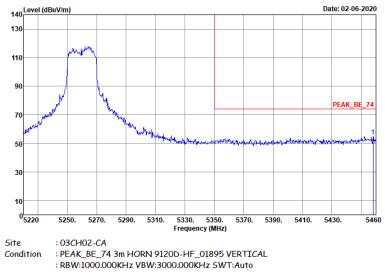
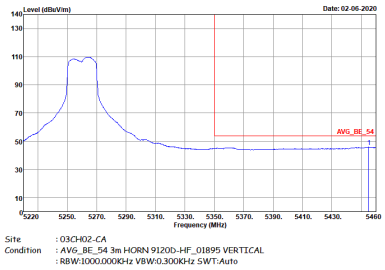
Band 2 - 5250~5350MHz

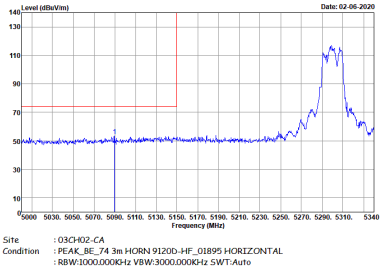
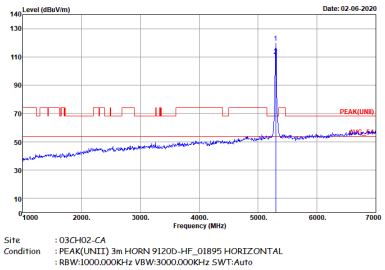
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

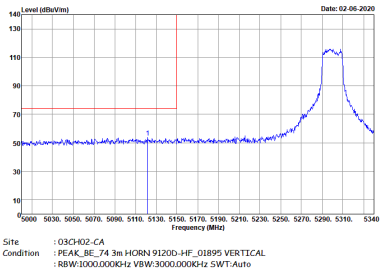
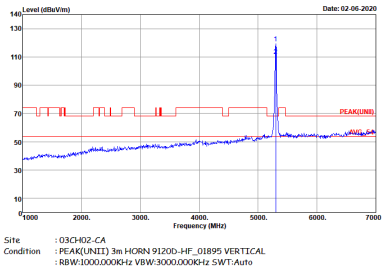
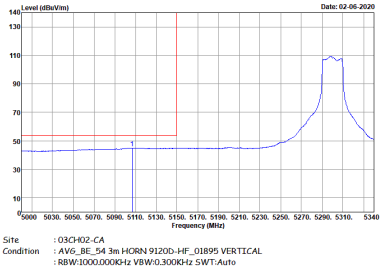
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

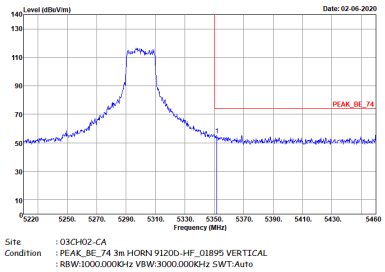
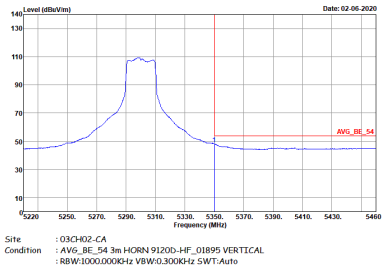
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

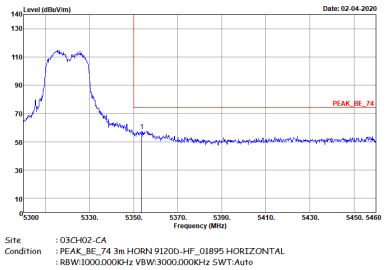
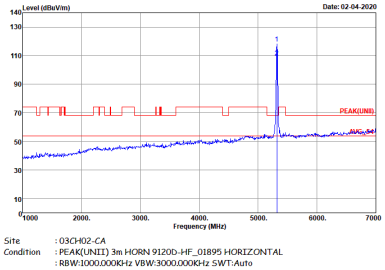
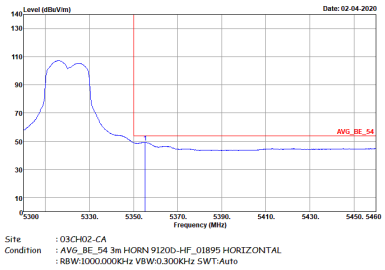
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

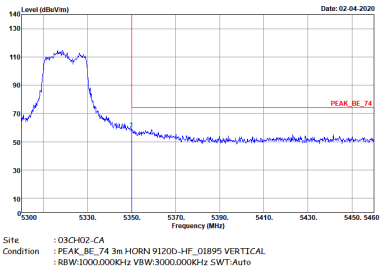
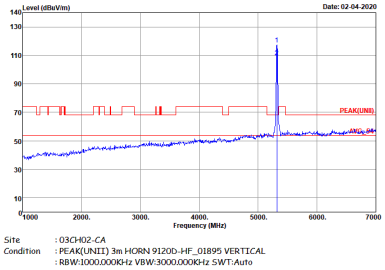
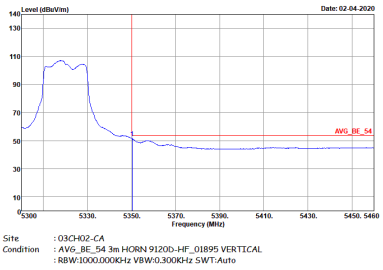
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

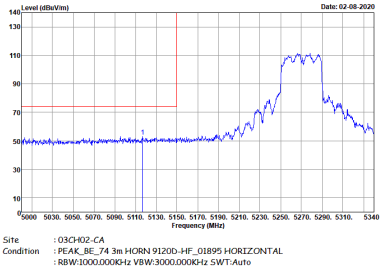
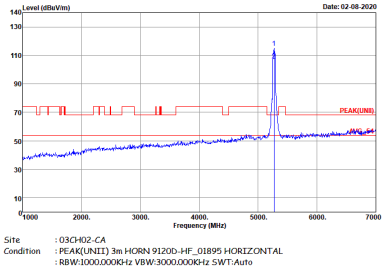
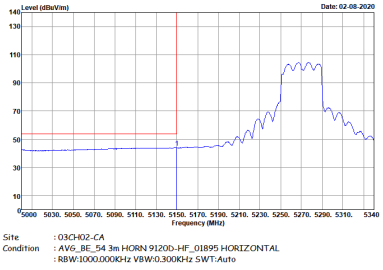
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

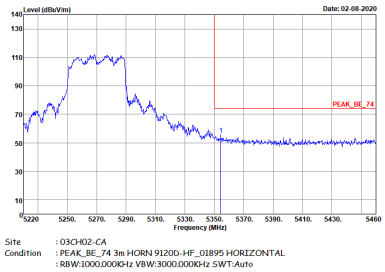
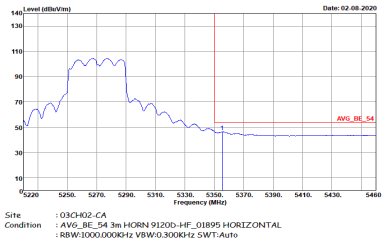
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

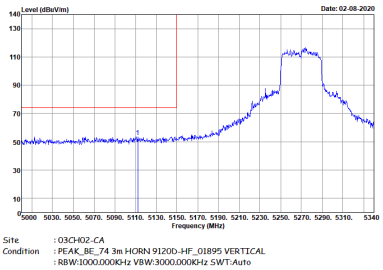
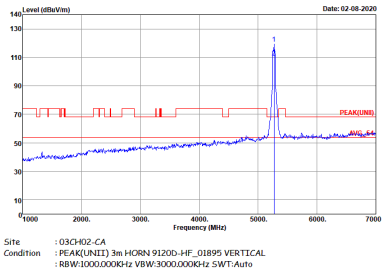
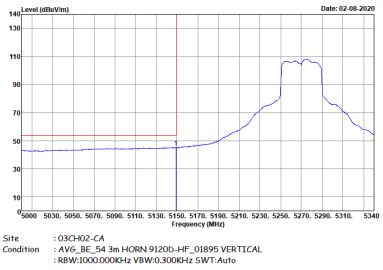
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

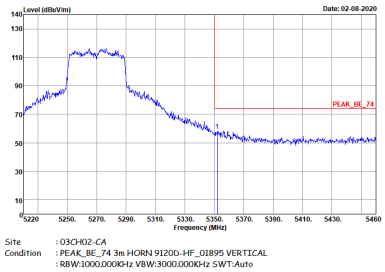
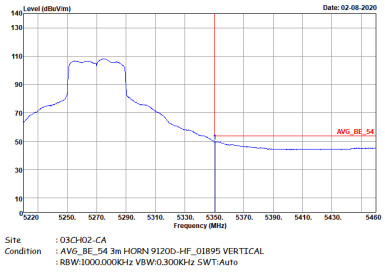
Band 2 5250~5350MHz

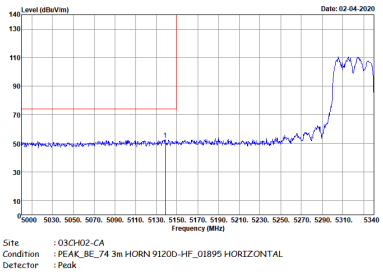
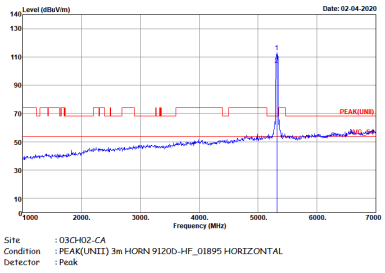
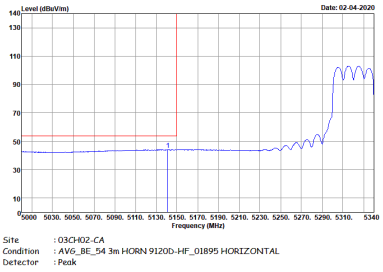
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

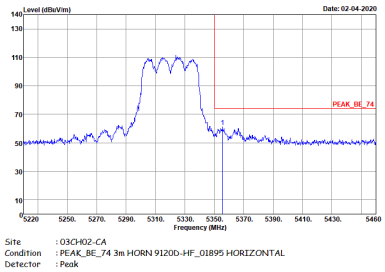
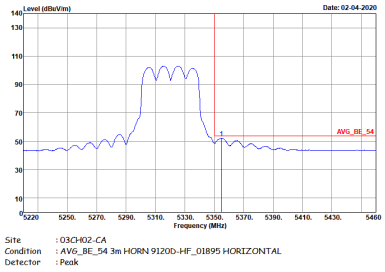
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

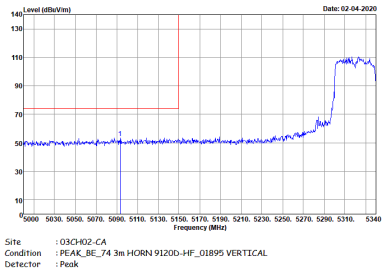
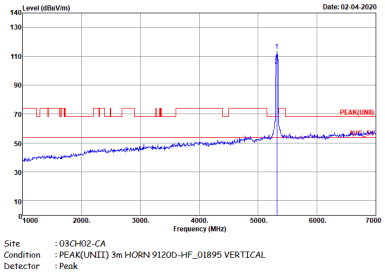
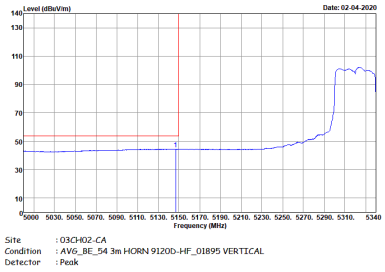
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

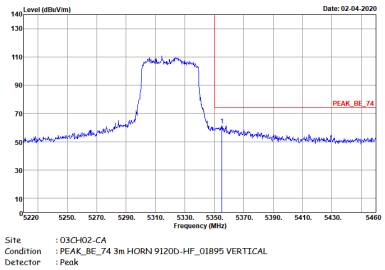
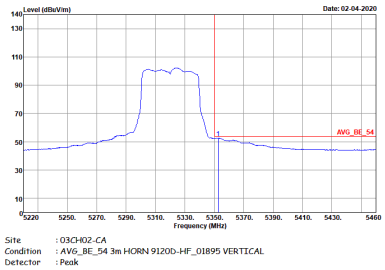
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

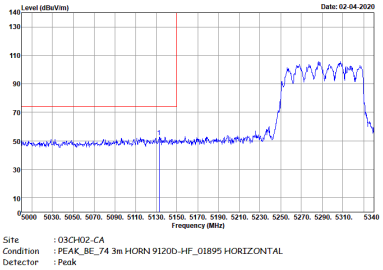
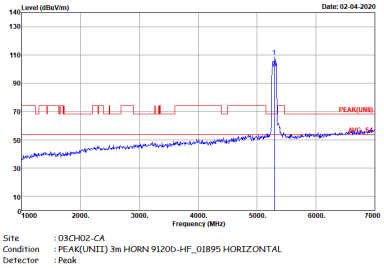
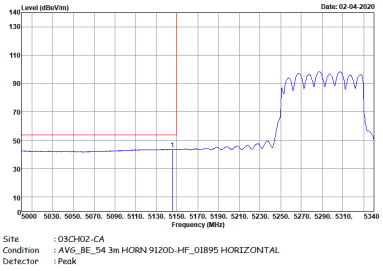
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

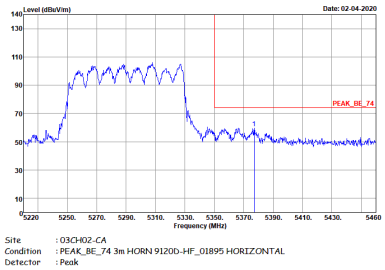
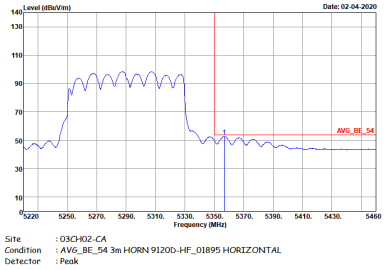
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

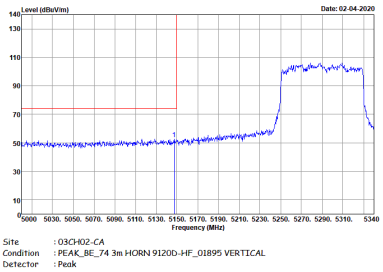
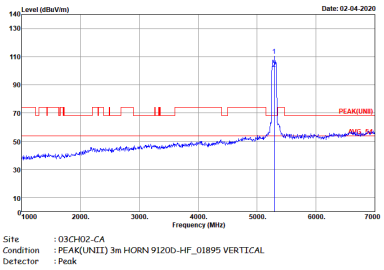
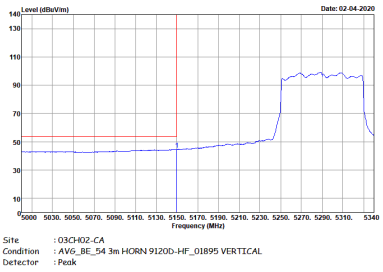
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

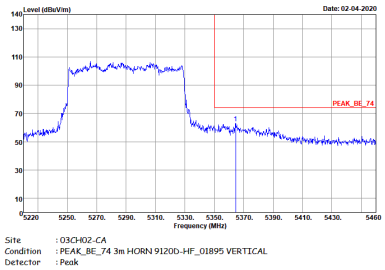
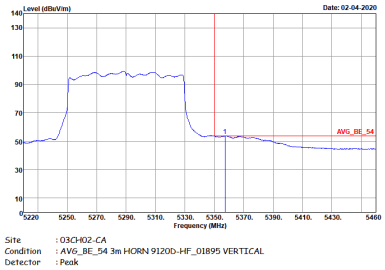
Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

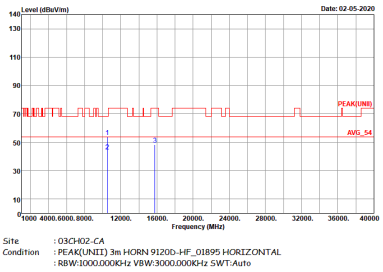
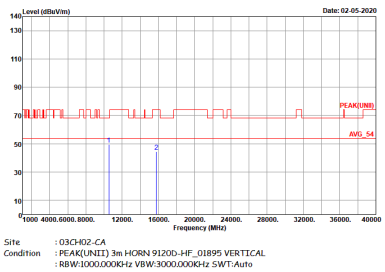
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

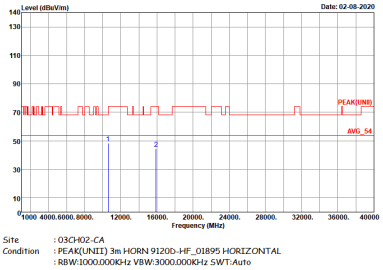
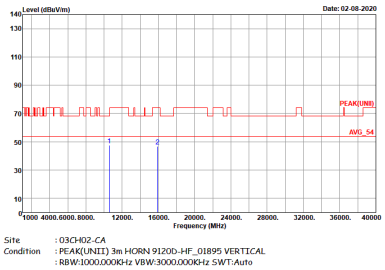
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

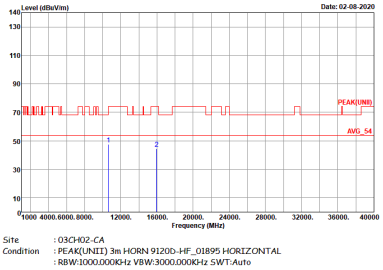
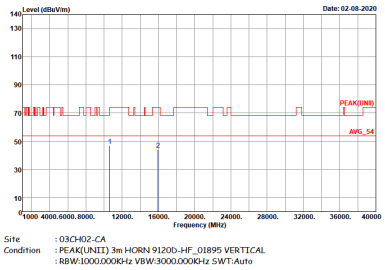
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

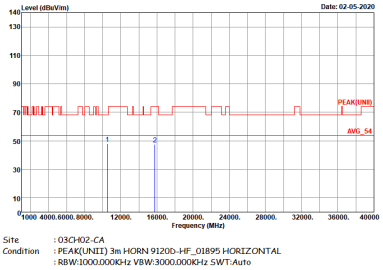
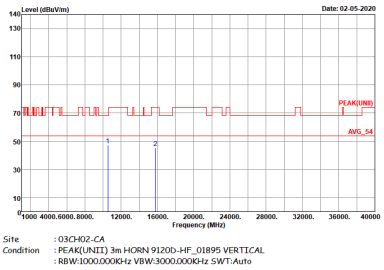
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.		

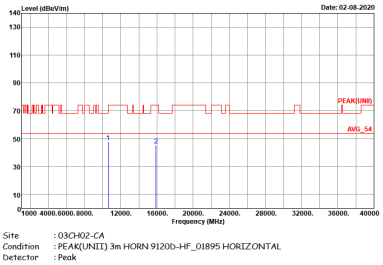
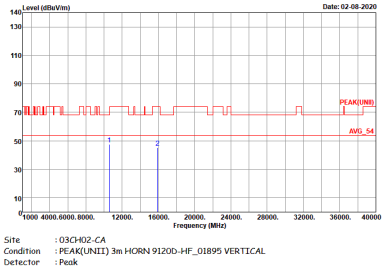
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.		

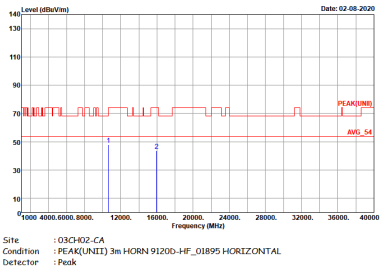
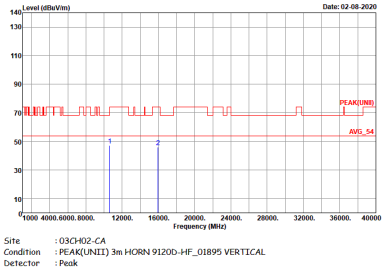
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 2 - 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

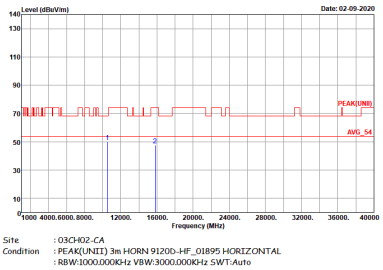
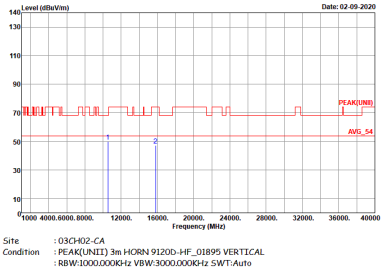
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.		

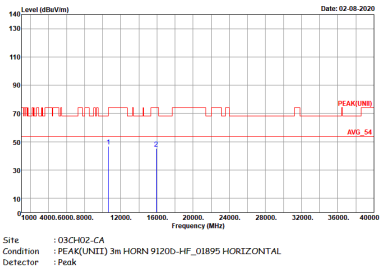
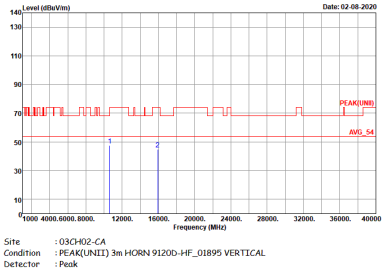
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

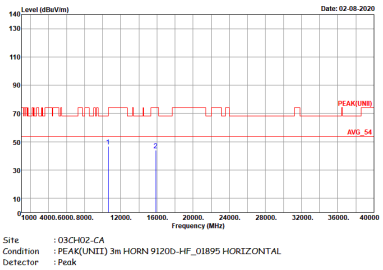
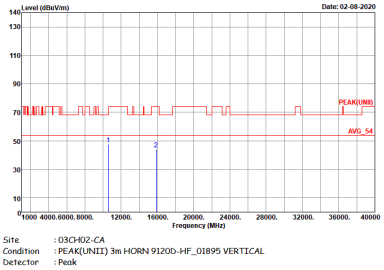
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH54 5270	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH62 5310	
1+2	Horizontal	Vertical
Peak Avg.		

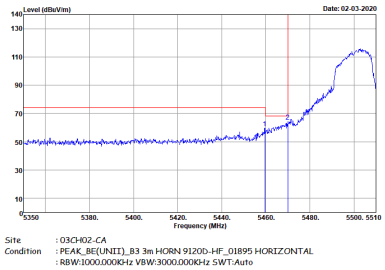
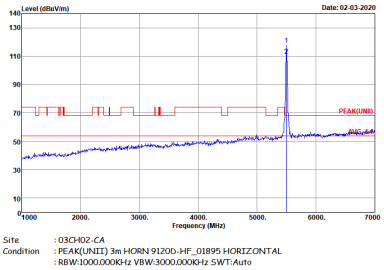
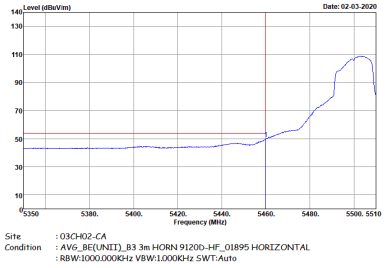
Band 2 5250~5350MHz

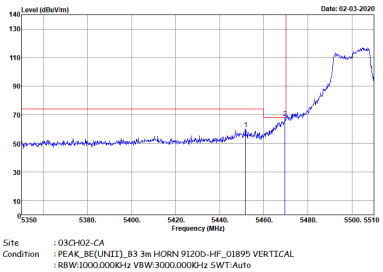
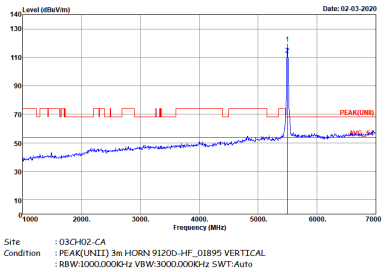
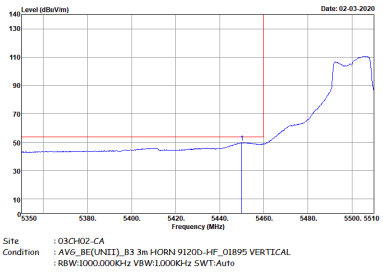
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

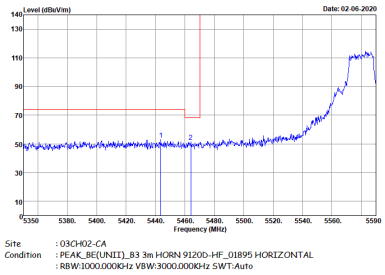
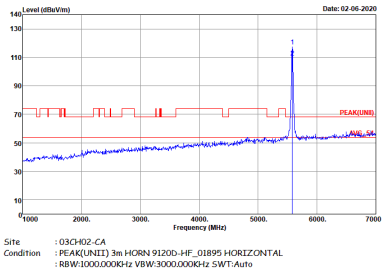
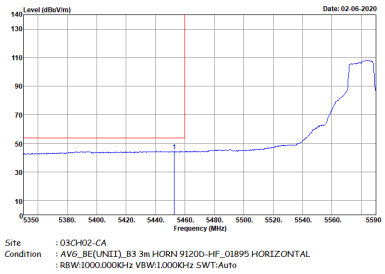
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz	
1+2	Horizontal	Vertical
Peak Avg.		

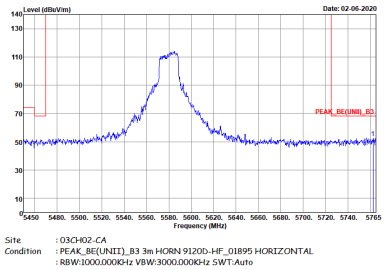
Band 3 - 5470~5725MHz

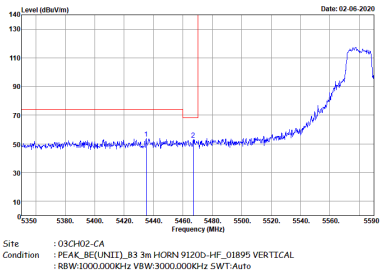
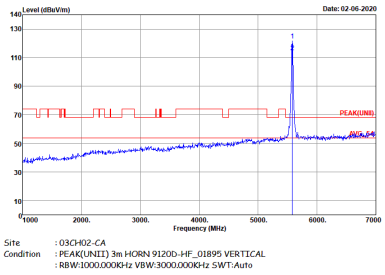
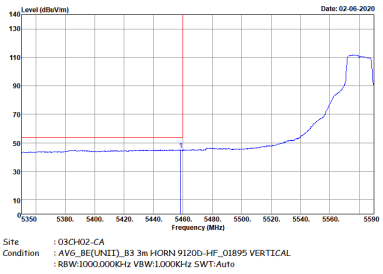
WIFI 802.11a (Band Edge @ 3m)

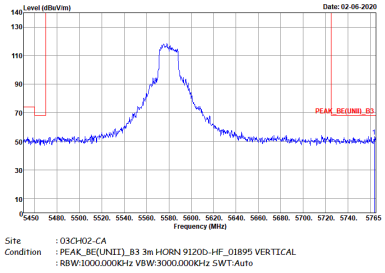
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

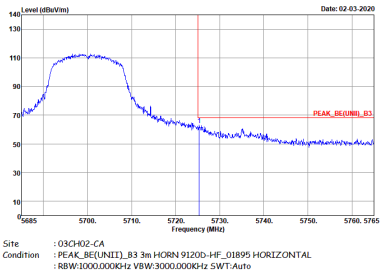
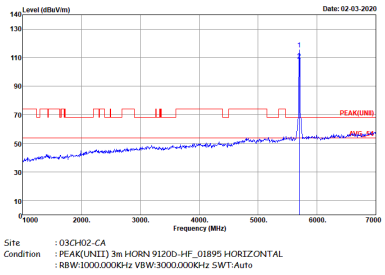
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

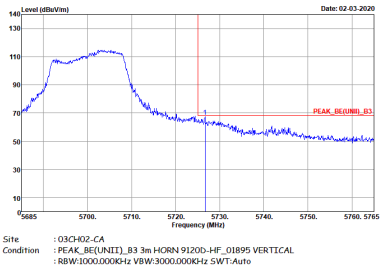
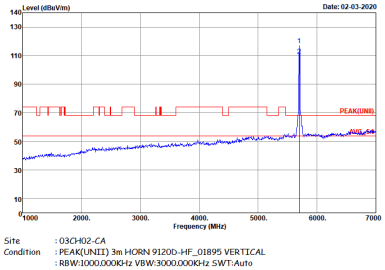
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

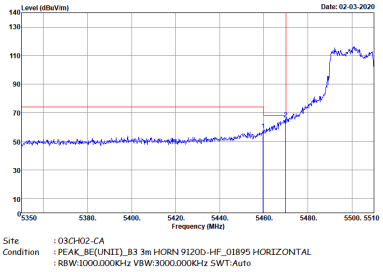
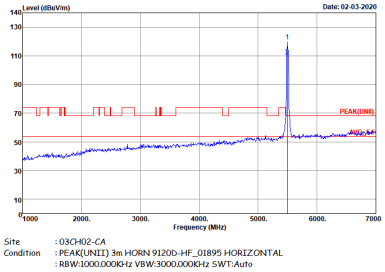
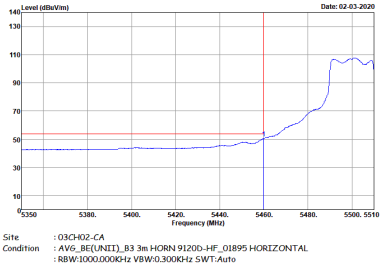
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

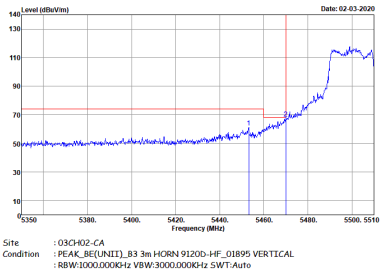
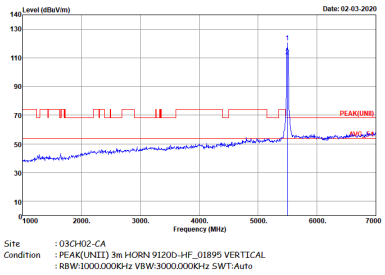
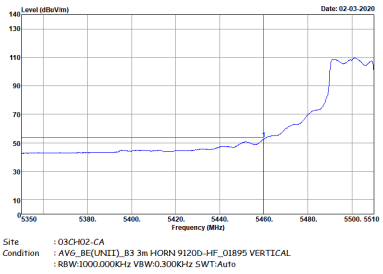
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak		

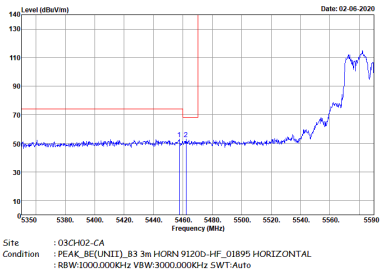
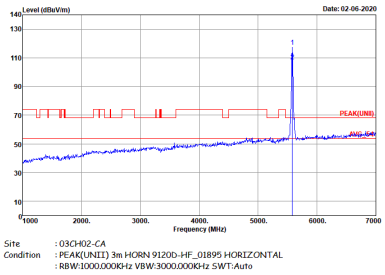
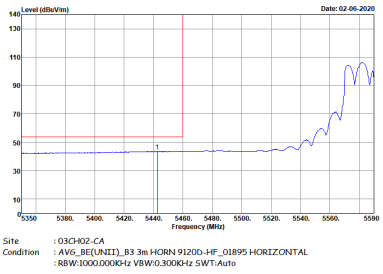
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Vertical	Fundamental
Peak		

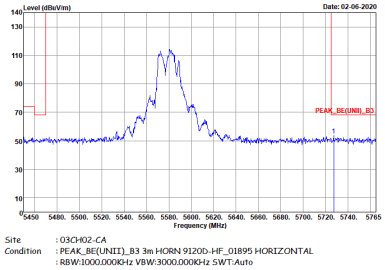
Band 3 - 5470~5725MHz

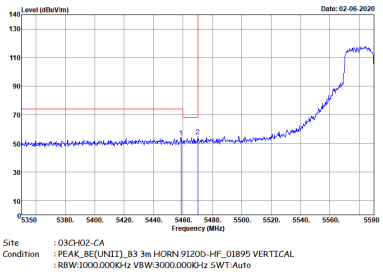
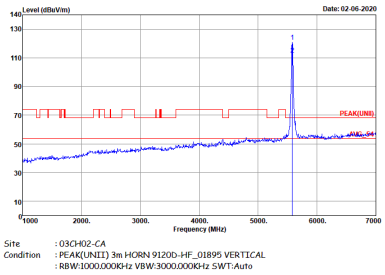
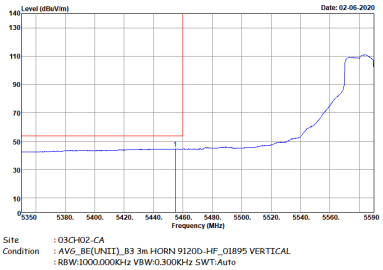
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

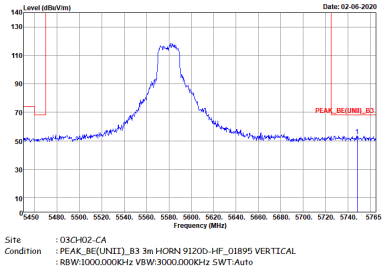
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

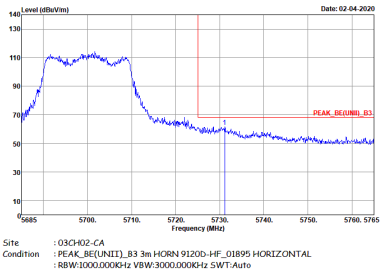
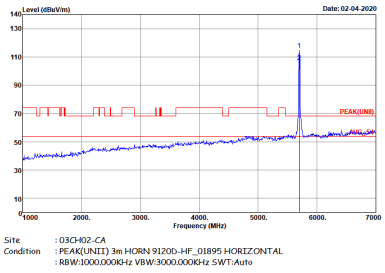
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

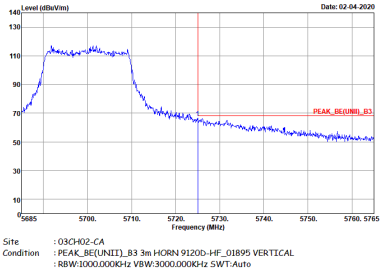
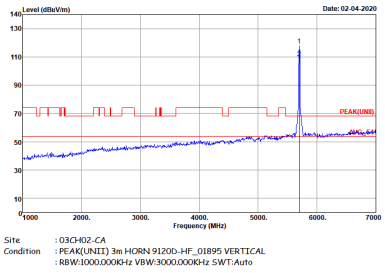
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

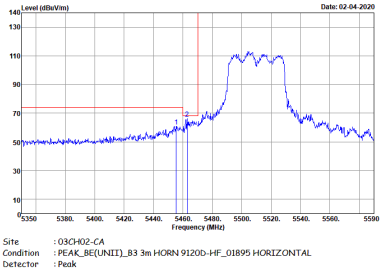
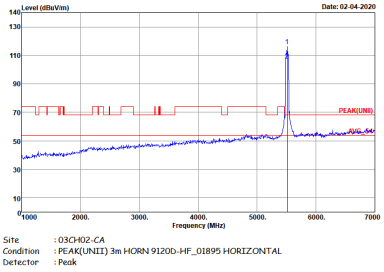
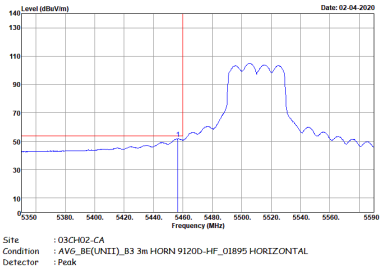
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

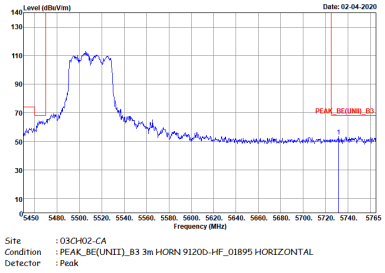
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak		

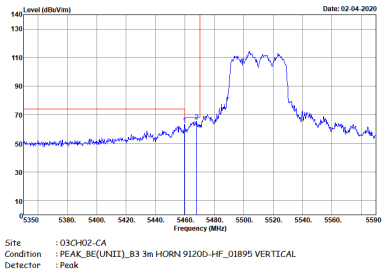
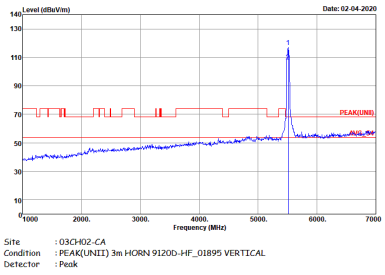
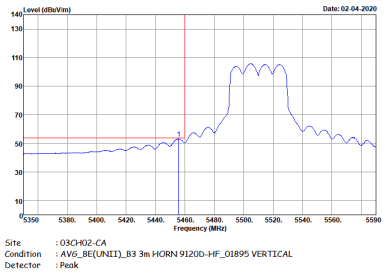
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
1+2	Vertical	Fundamental
Peak		

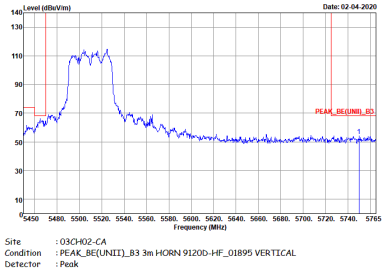
Band 3 5470~5725MHz

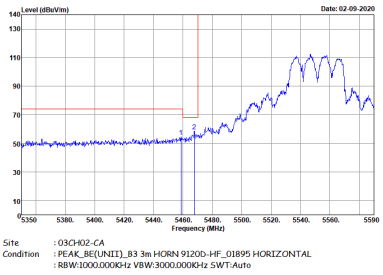
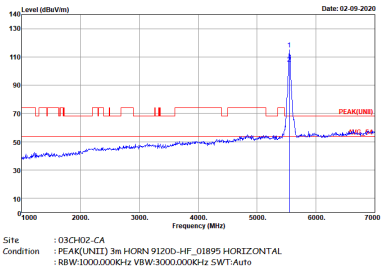
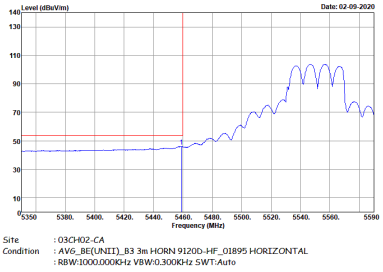
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

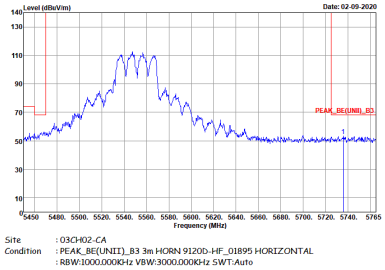
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

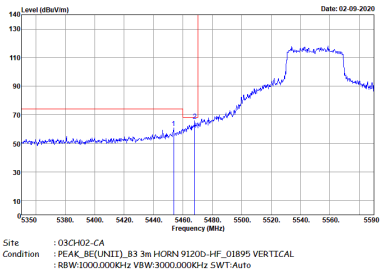
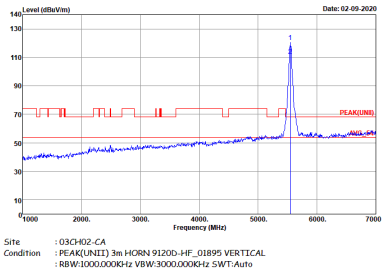
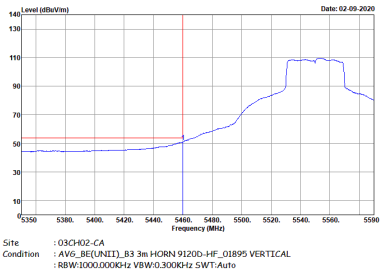
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

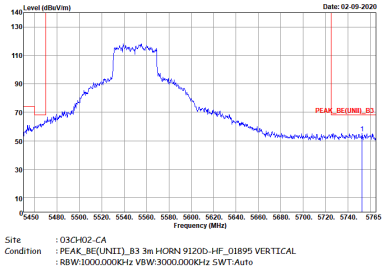
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

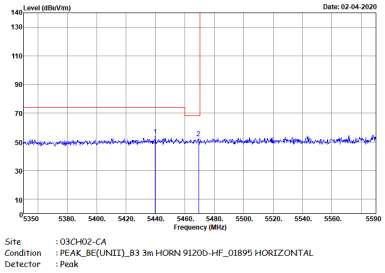
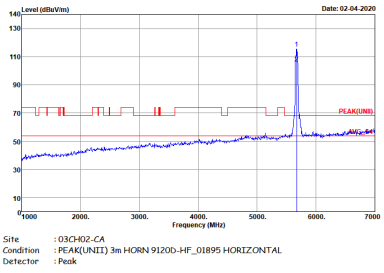
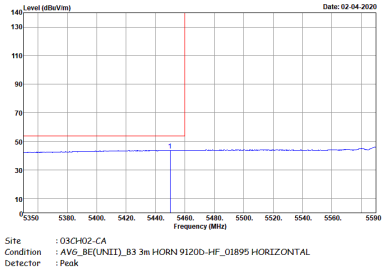
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

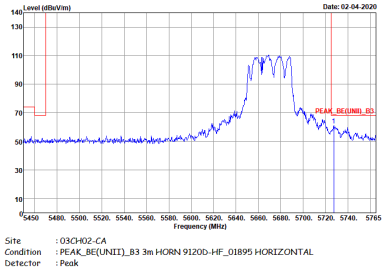
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

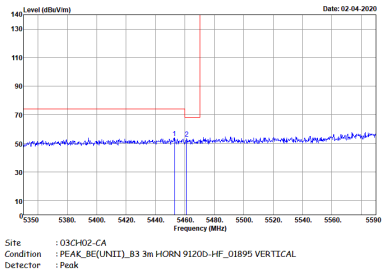
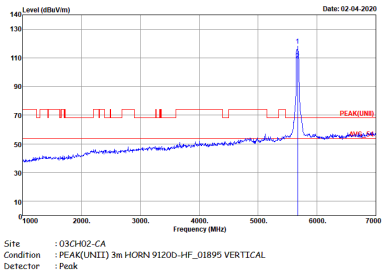
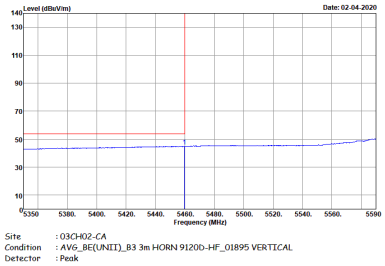
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

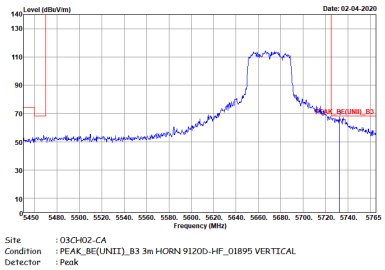
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

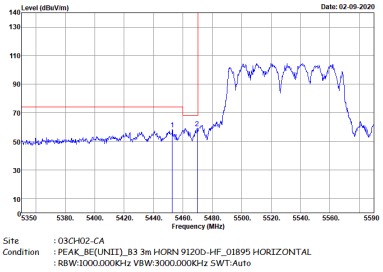
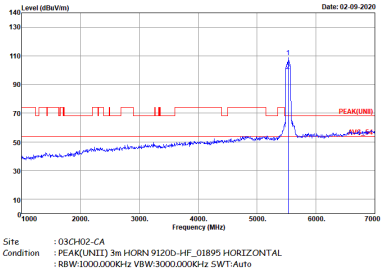
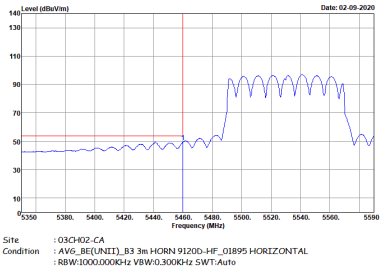
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

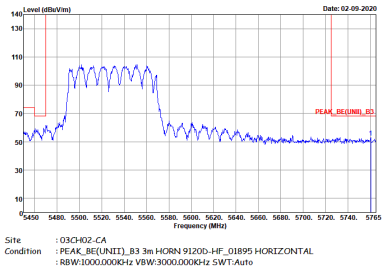
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

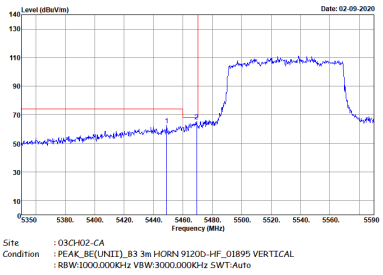
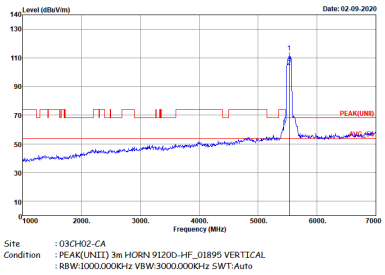
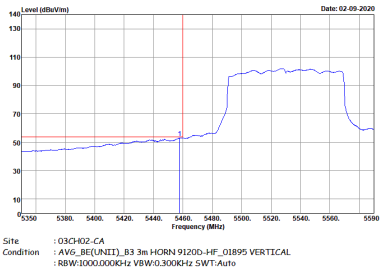
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

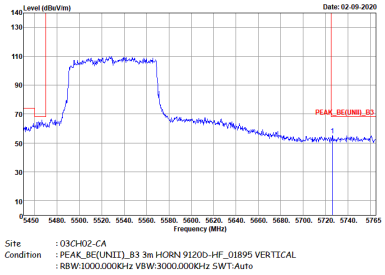
Band 3 5470~5725MHz

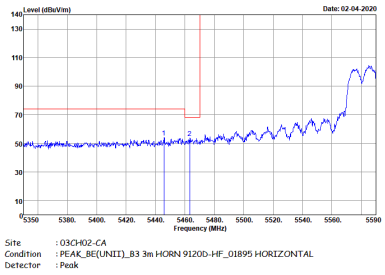
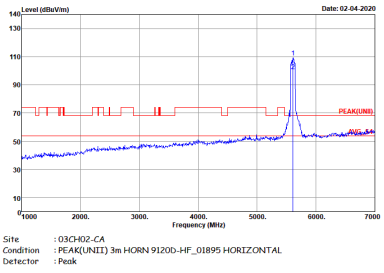
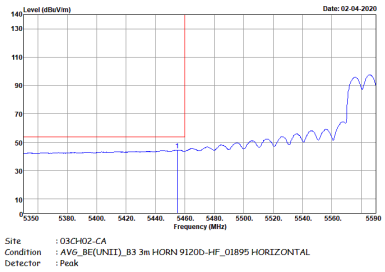
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

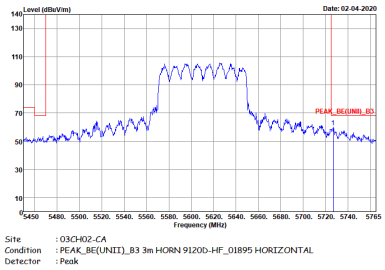
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

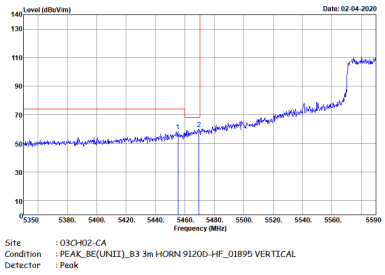
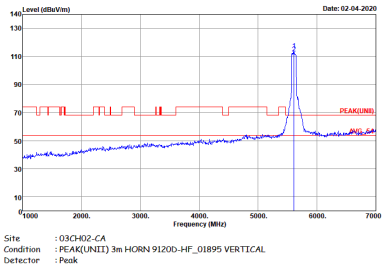
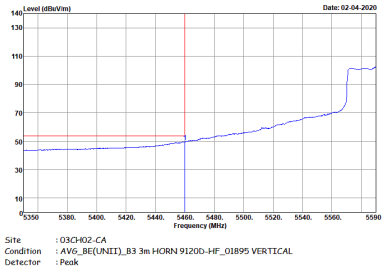
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

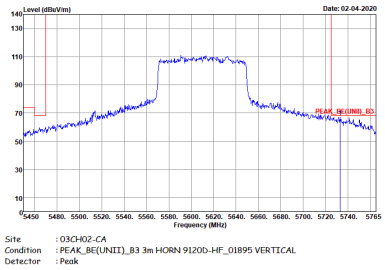
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

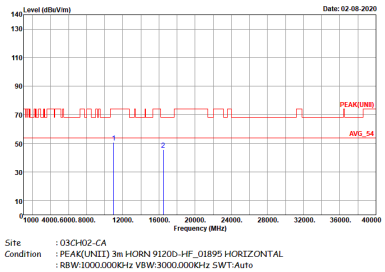
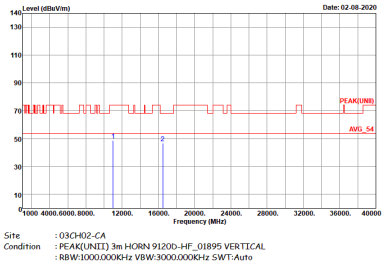
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

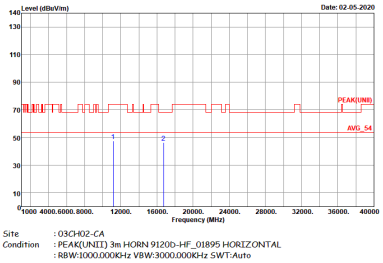
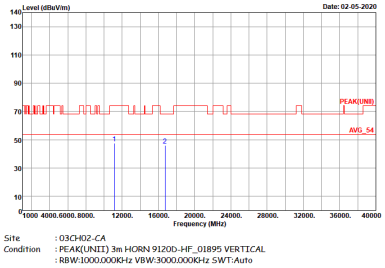
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

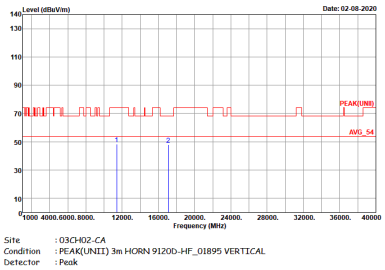
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

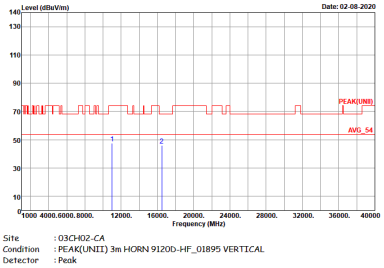
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.		

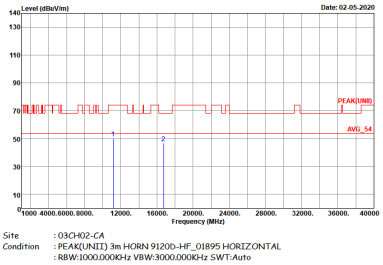
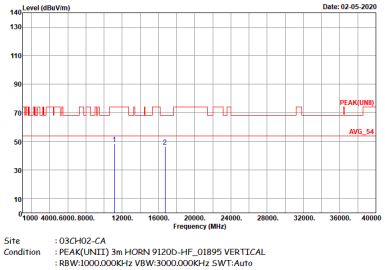
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.		

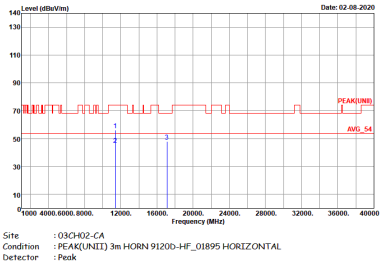
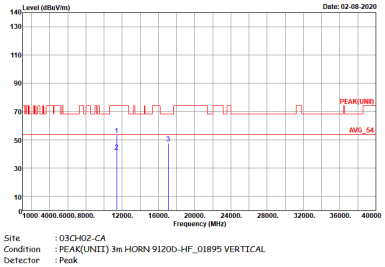
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

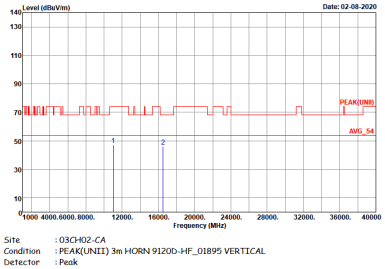
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.		

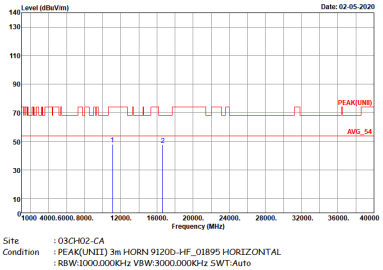
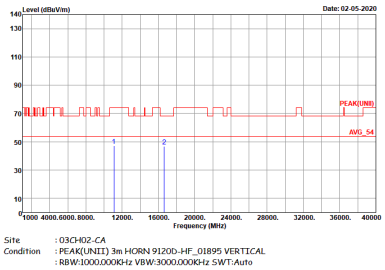
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.		

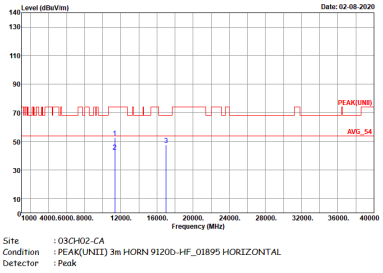
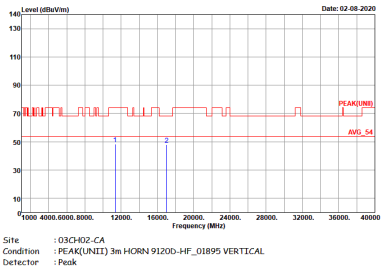
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

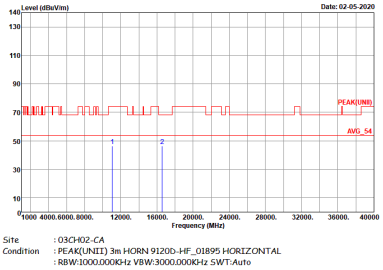
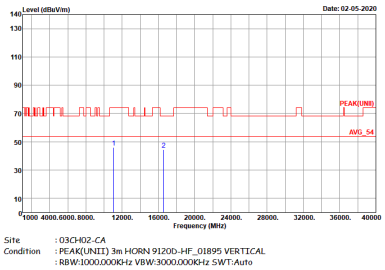
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz	
1+2	Horizontal	Vertical
Peak Avg.		

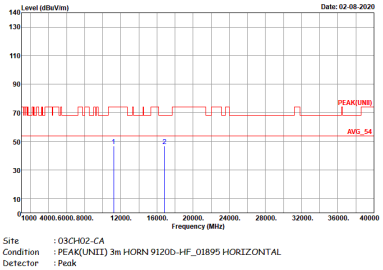
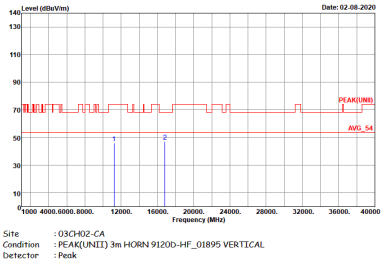
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 3 5470~5725MHz

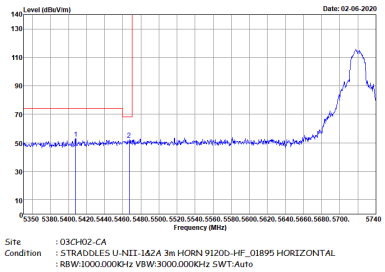
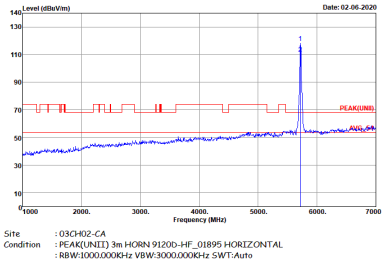
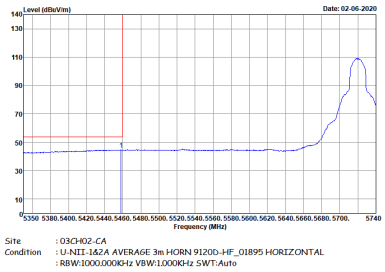
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

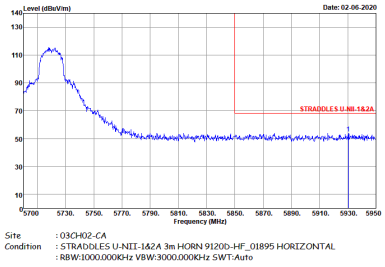
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz	
1+2	Horizontal	Vertical
Peak Avg.		

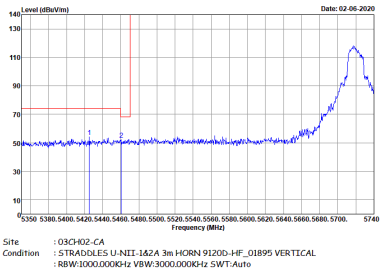
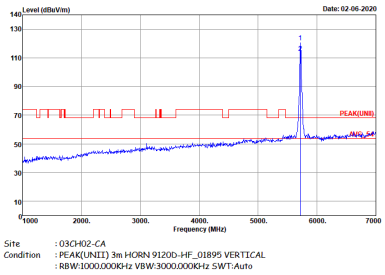
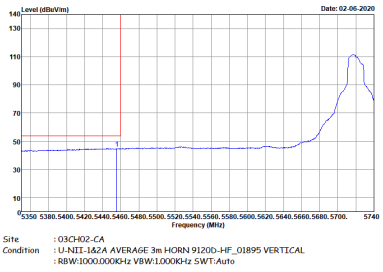
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz	
1+2	Horizontal	Vertical
Peak Avg.		

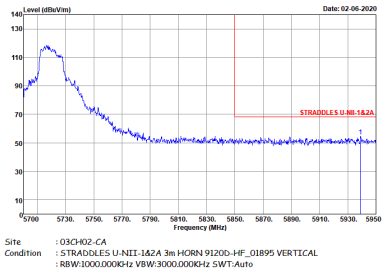
Band 3 - Straddle Channel

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		
Avg.		Left blank

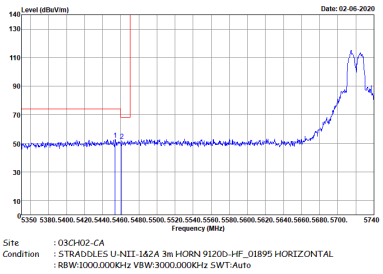
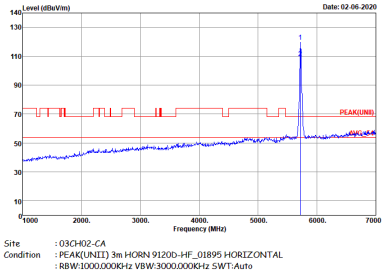
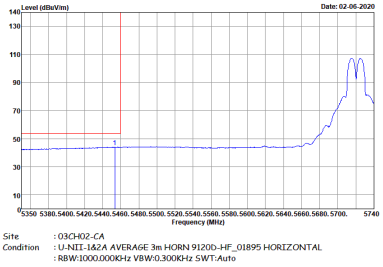
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
1+2	Horizontal	Fundamental
Peak		Left blank

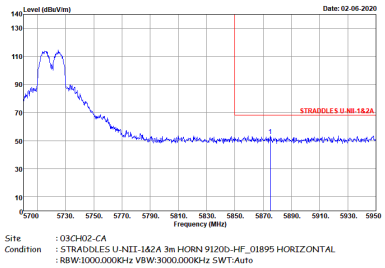
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

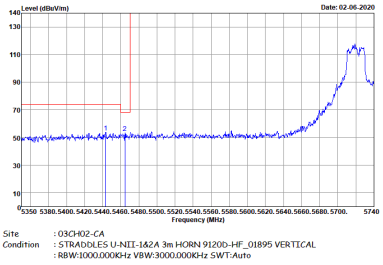
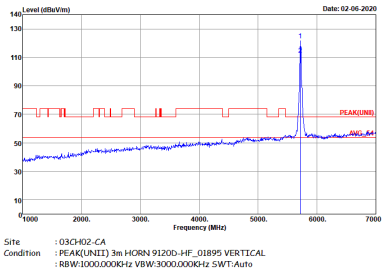
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

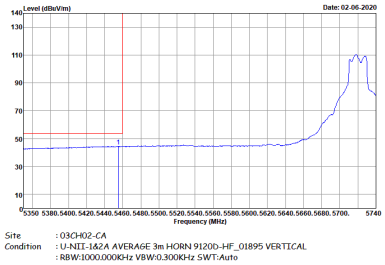
Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

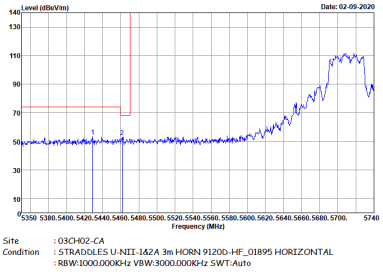
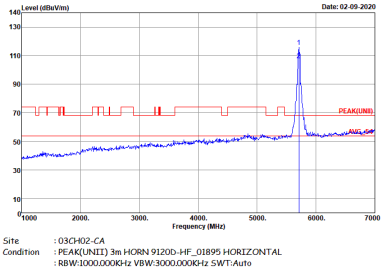
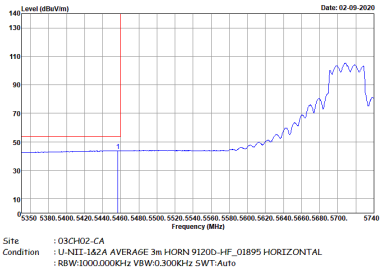
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

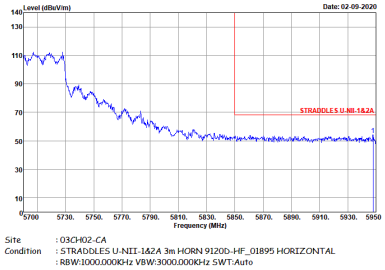
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak		

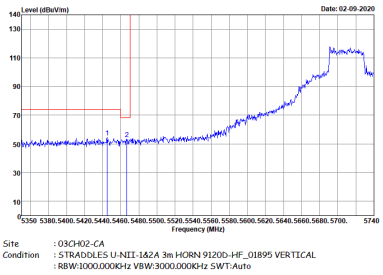
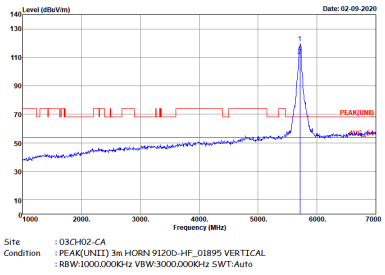
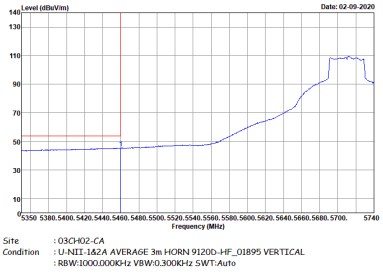
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

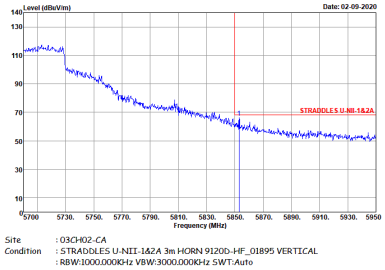
Band 3 – Straddle Channel

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

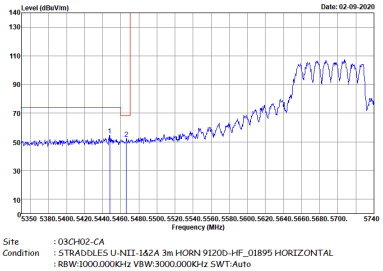
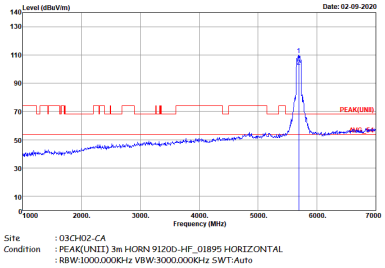
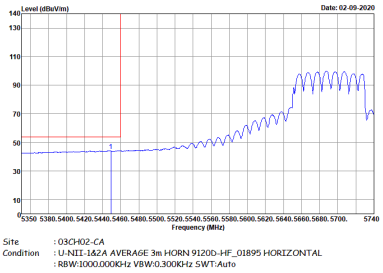
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

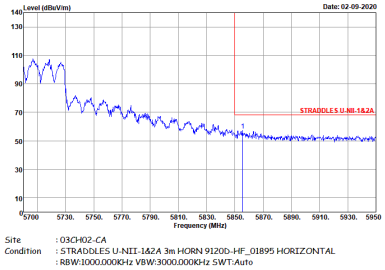
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

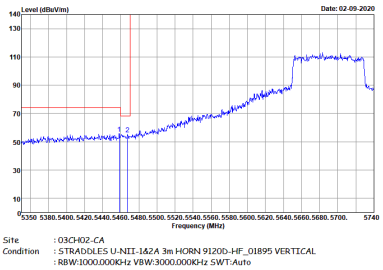
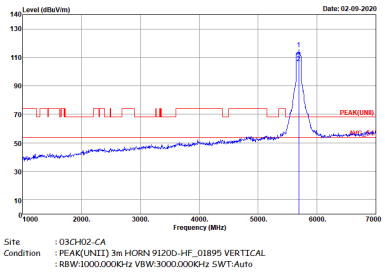
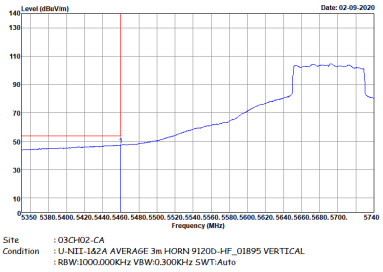
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

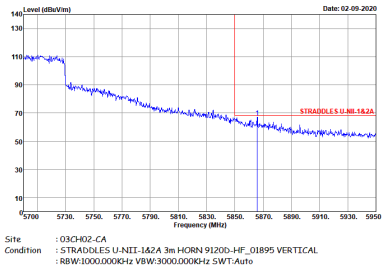
Band 3 – Straddle Channel

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

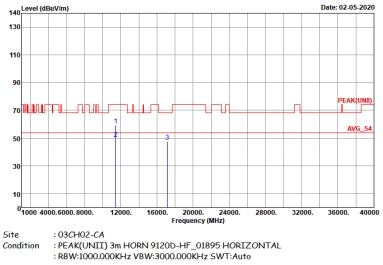
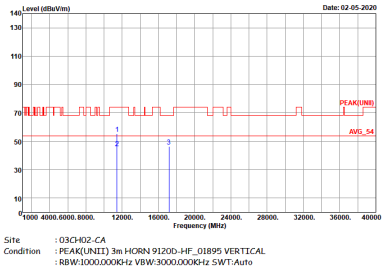
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

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

Band 3 - Straddle Channel

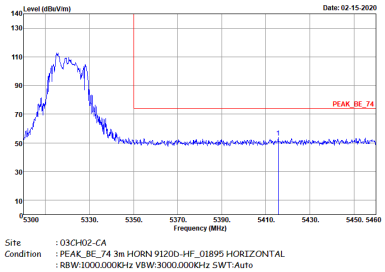
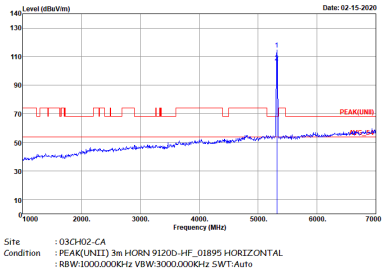
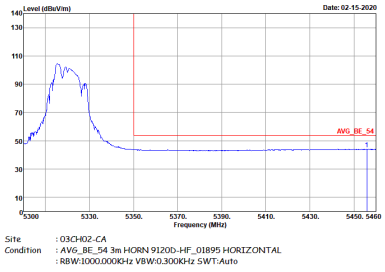
WIFI 802.11a (Harmonic @ 3m)

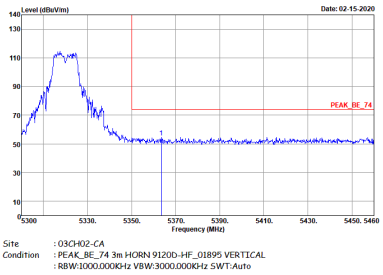
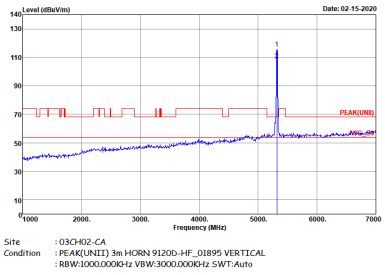
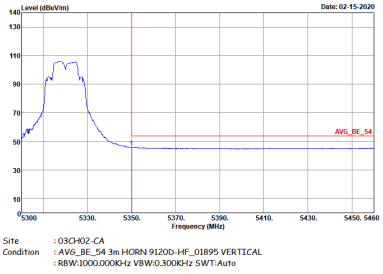
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.		

<Band-edge Unmodulated>

Band 2 - 5250~5350MHz

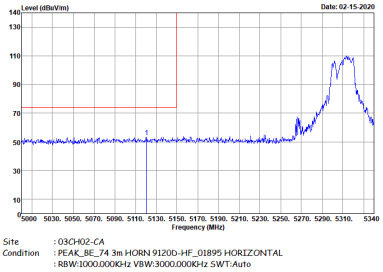
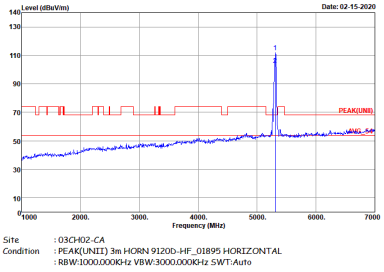
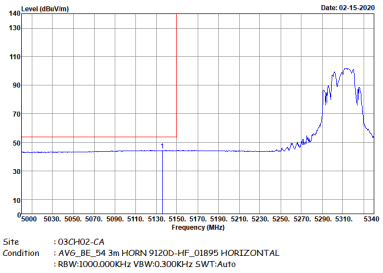
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

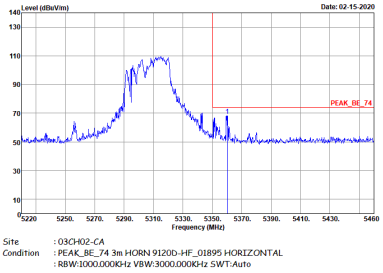
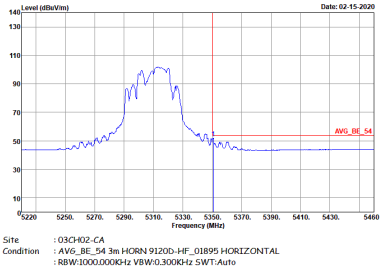
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

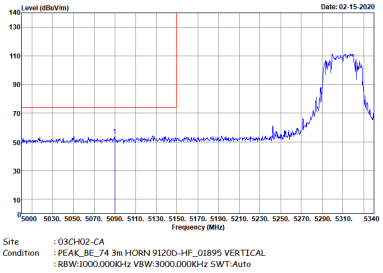
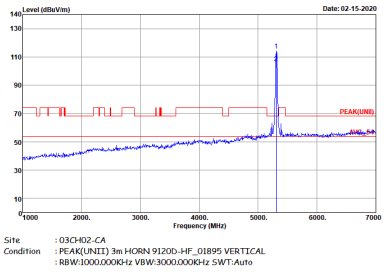
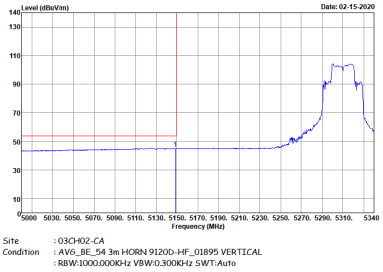
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

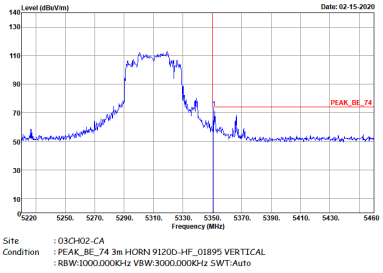
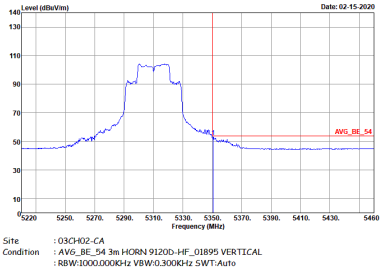
Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

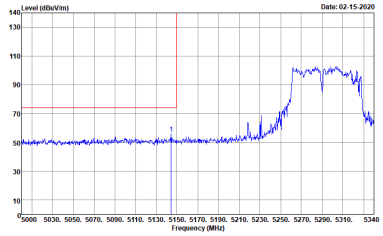
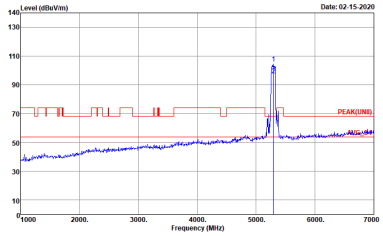
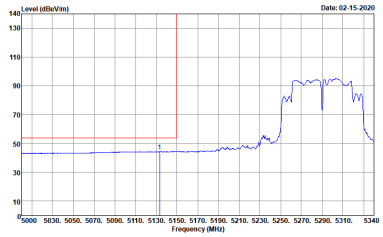
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

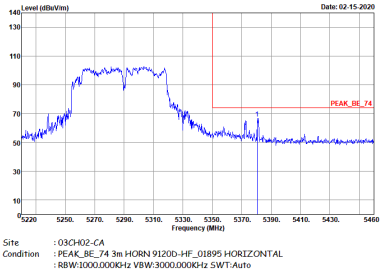
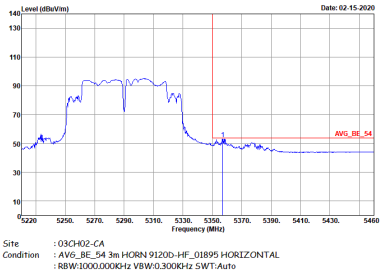
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

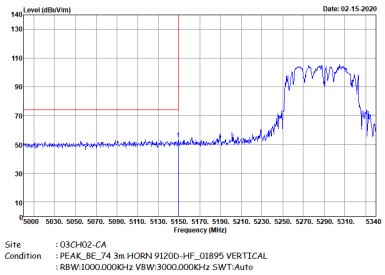
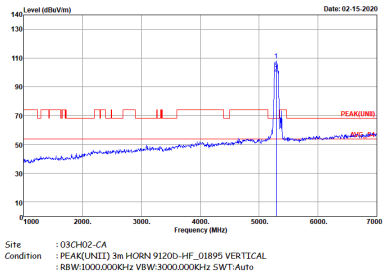
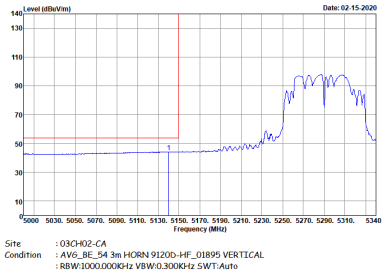
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

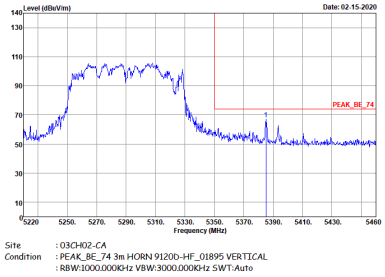
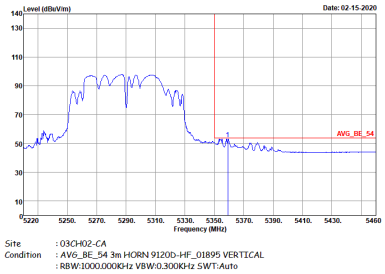
Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AV6_BE_54 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

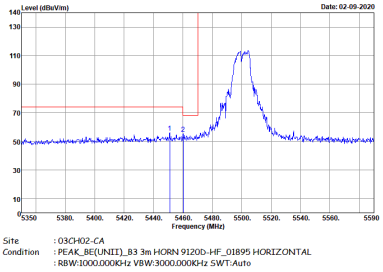
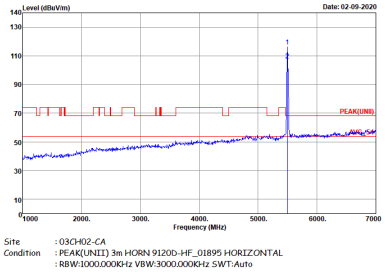
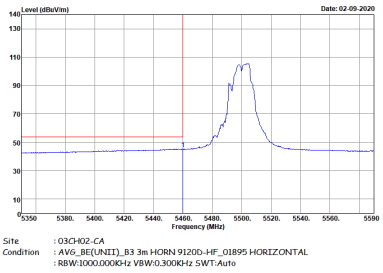
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

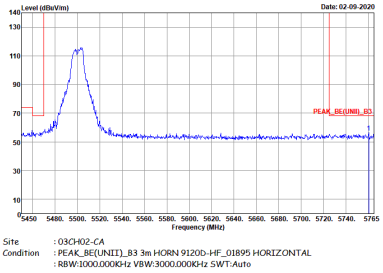
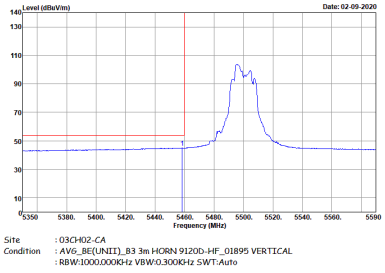
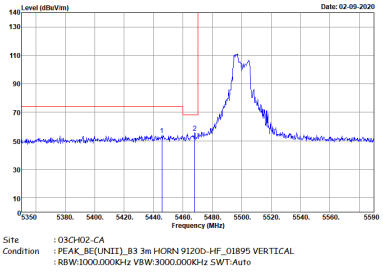
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

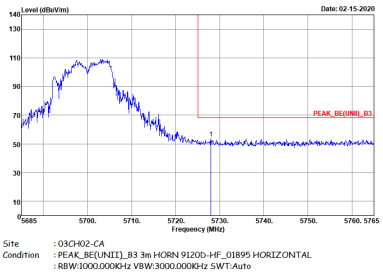
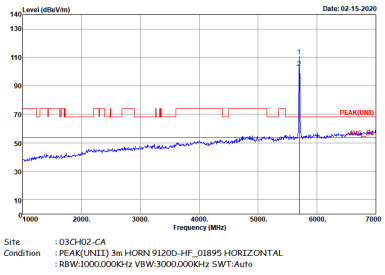
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

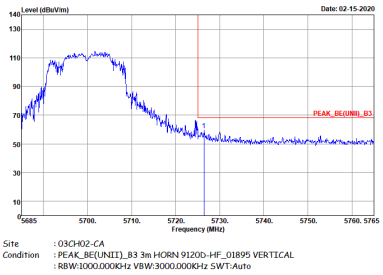
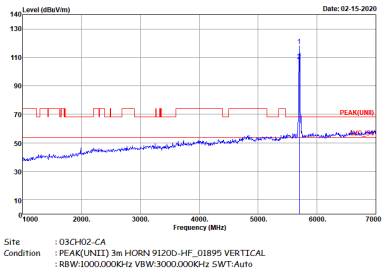
Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

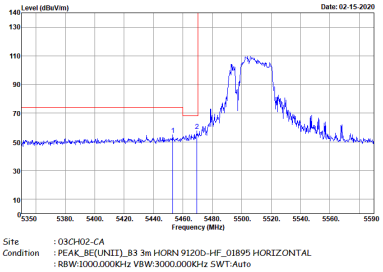
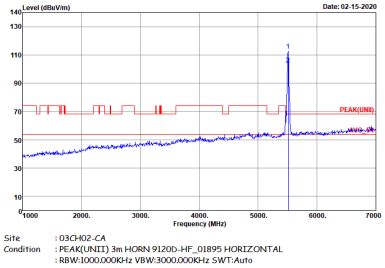
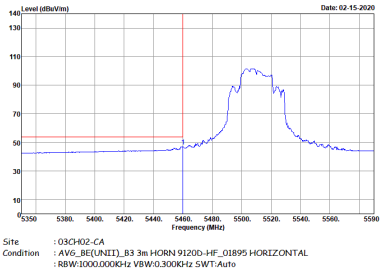
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

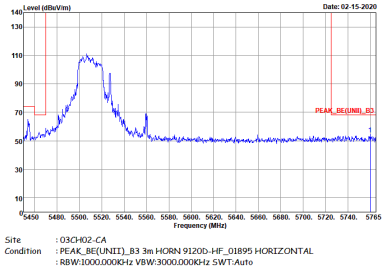
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak		

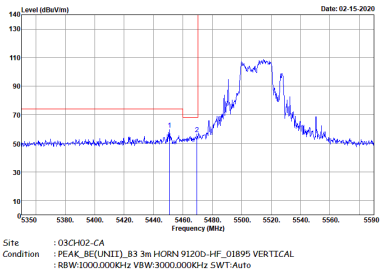
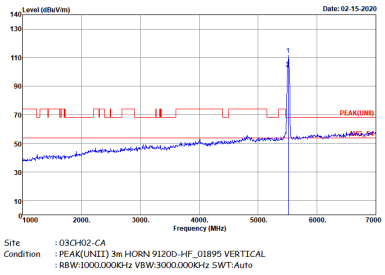
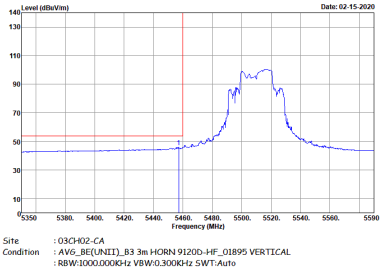
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
1+2	Vertical	Fundamental
Peak		

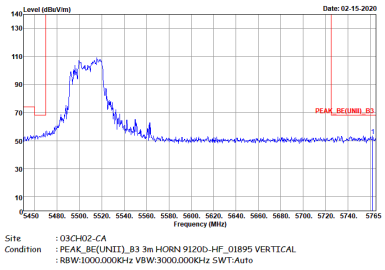
Band 3 5470~5725MHz

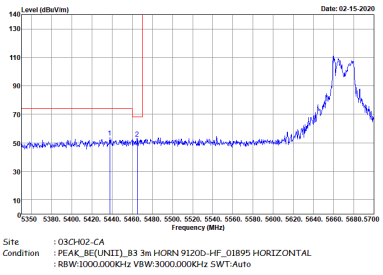
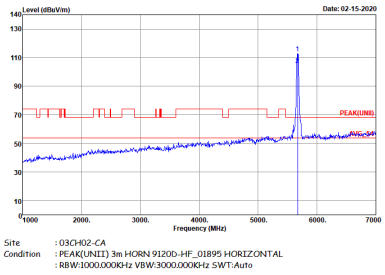
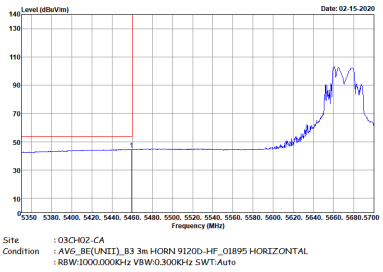
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

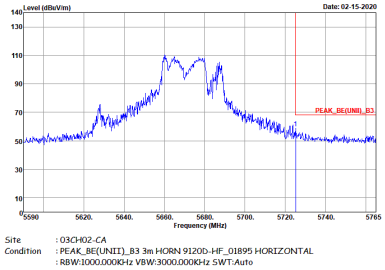
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

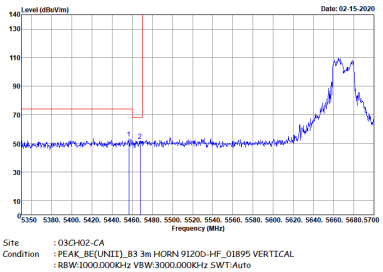
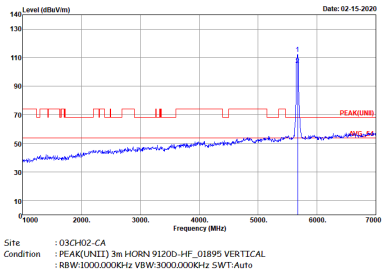
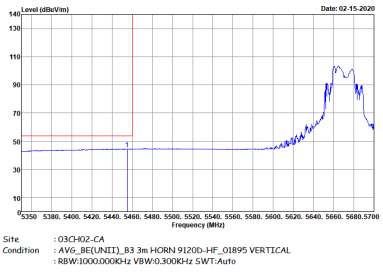
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

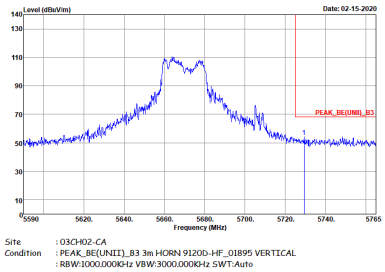
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

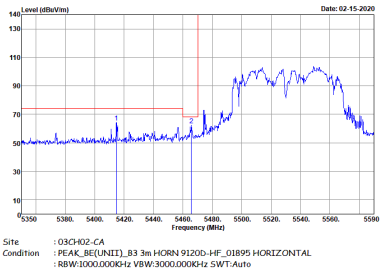
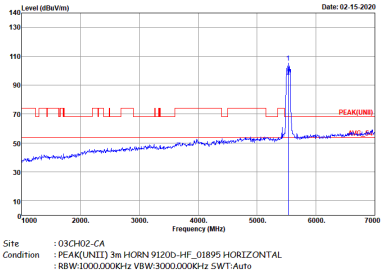
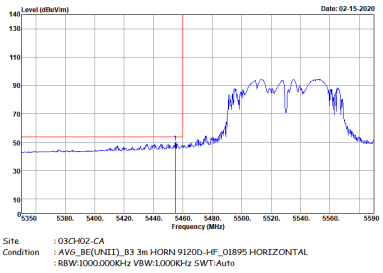
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

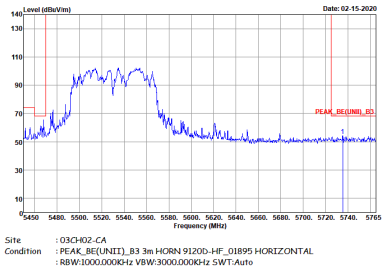
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

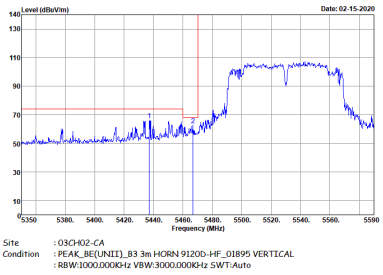
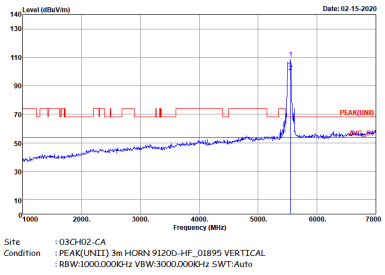
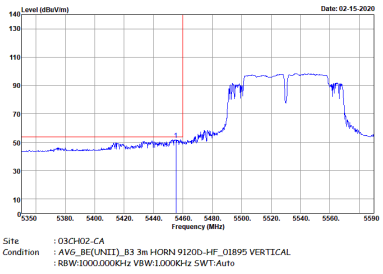
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

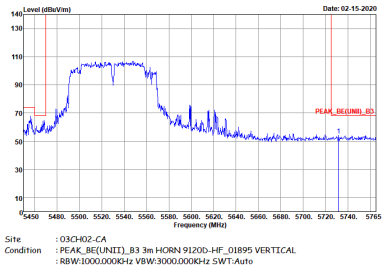
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

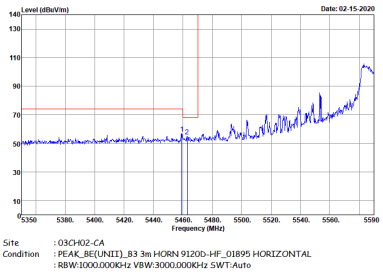
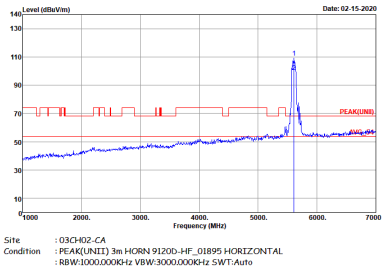
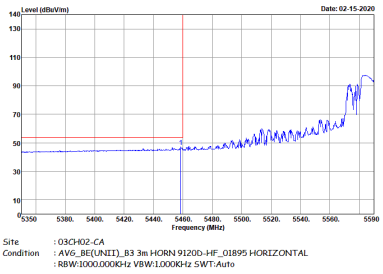
Band 3 5470~5725MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

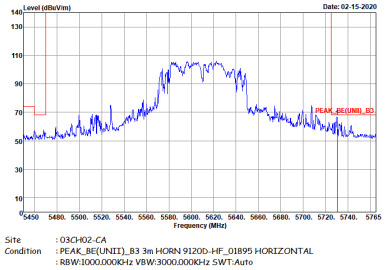
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

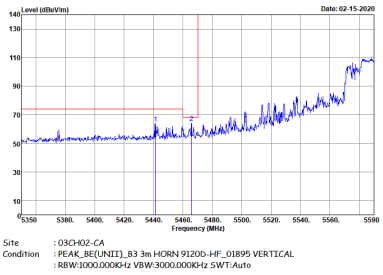
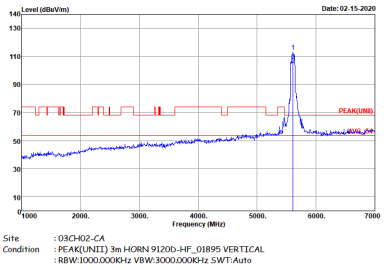
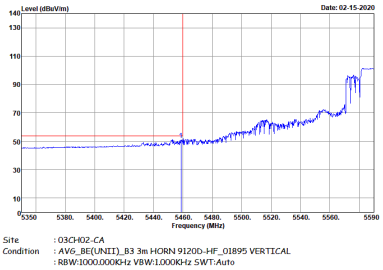
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

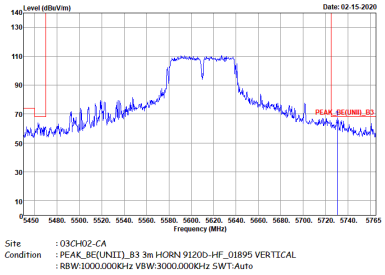
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

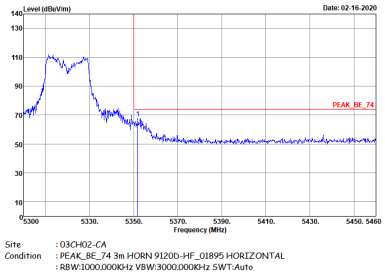
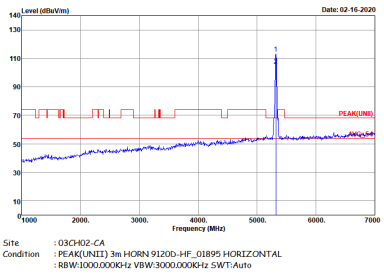
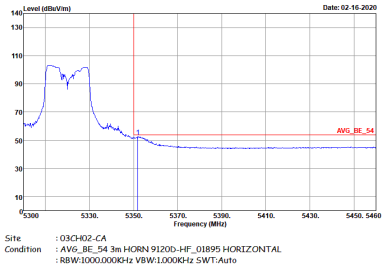
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

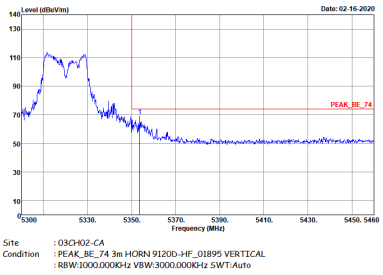
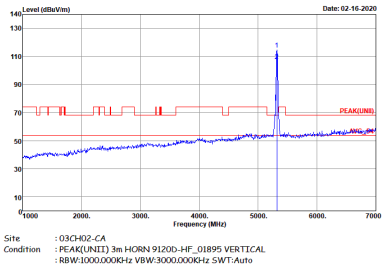
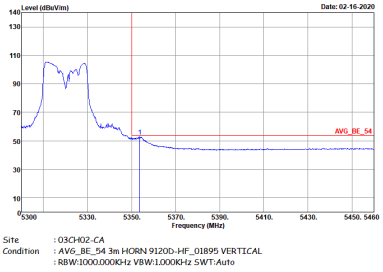
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

<Middle Unmodulated>

Band 2 - 5250~5350MHz

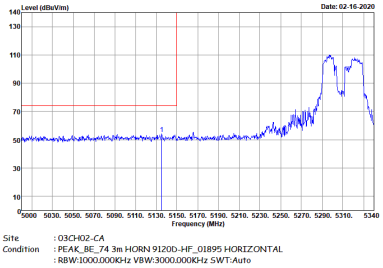
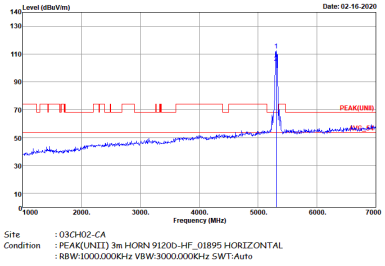
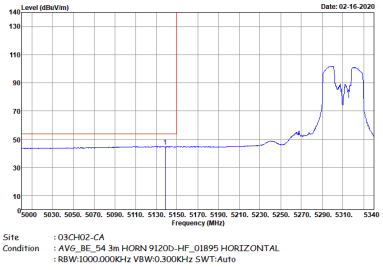
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

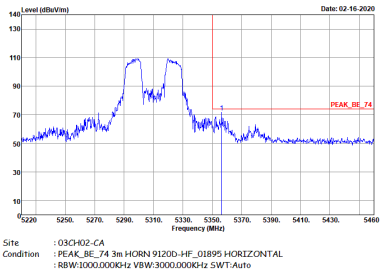
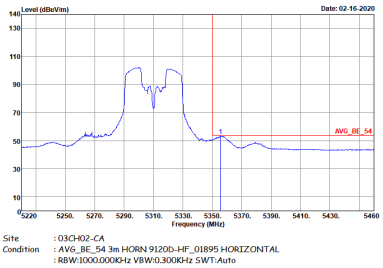
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

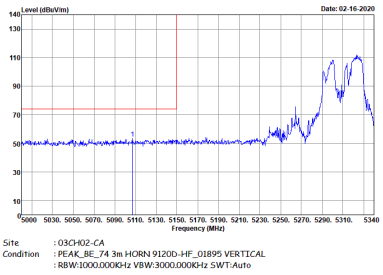
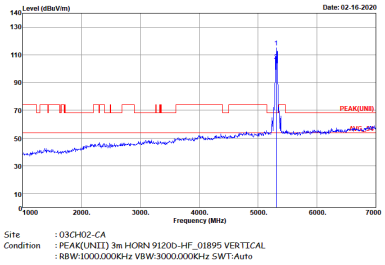
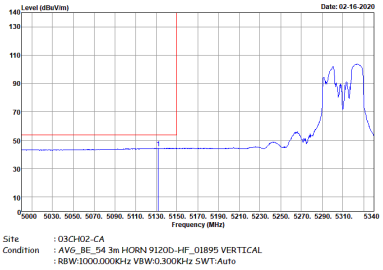
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

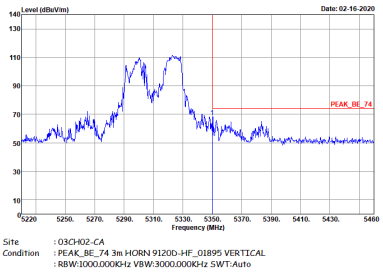
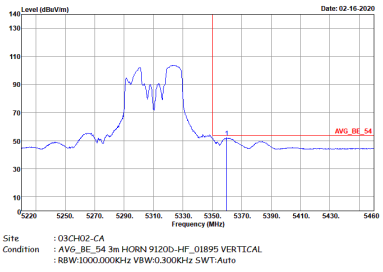
Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

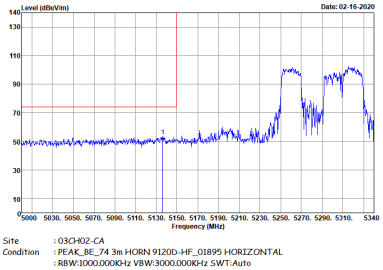
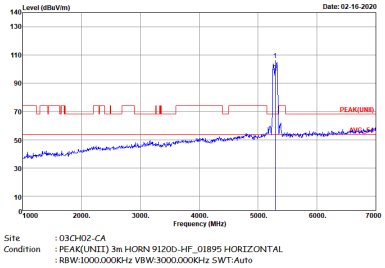
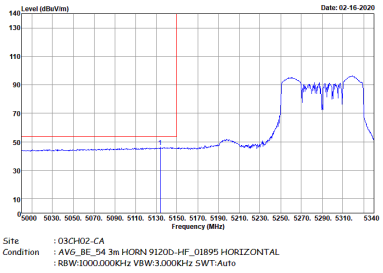
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

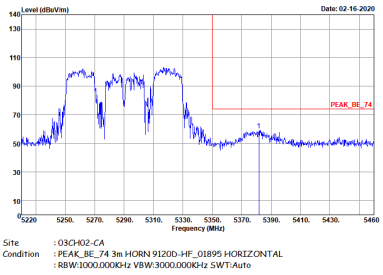
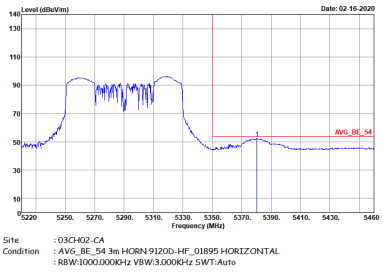
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

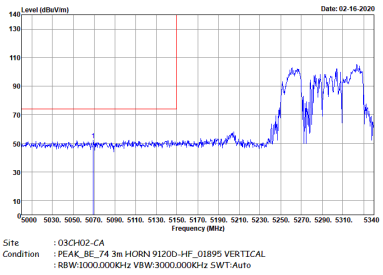
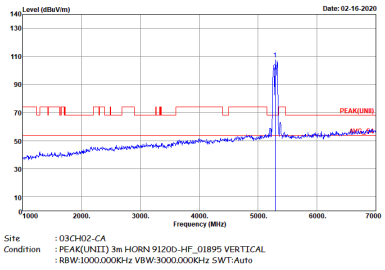
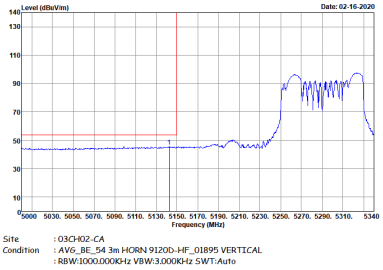
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

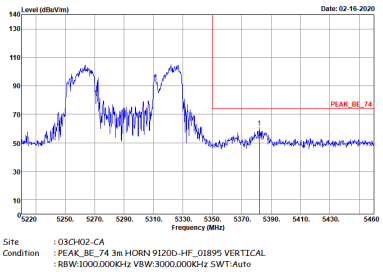
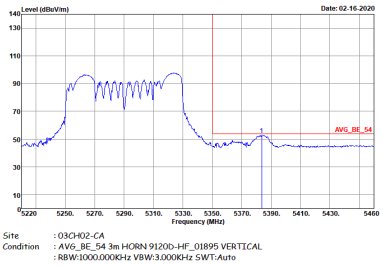
Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

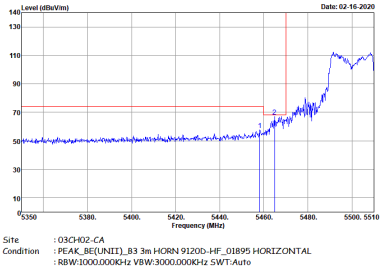
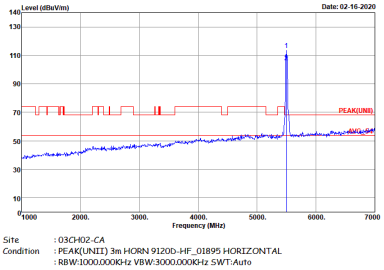
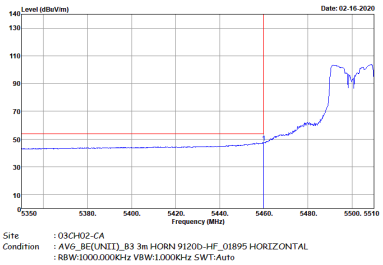
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

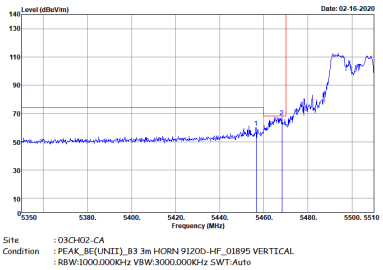
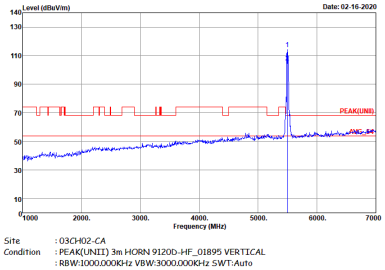
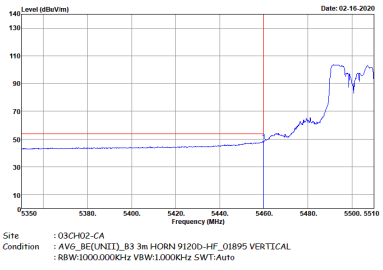
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

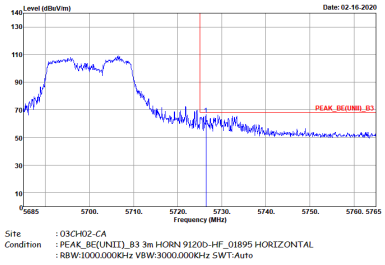
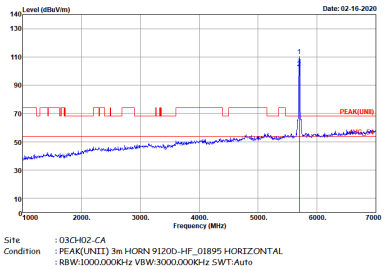
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

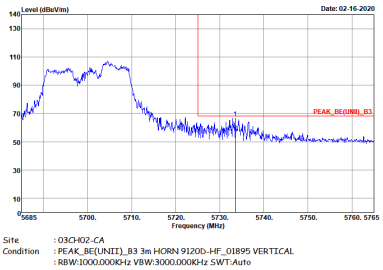
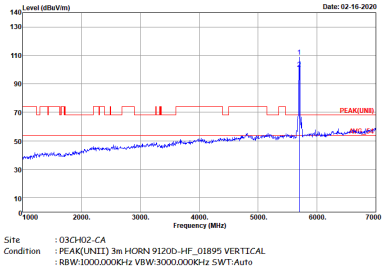
Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

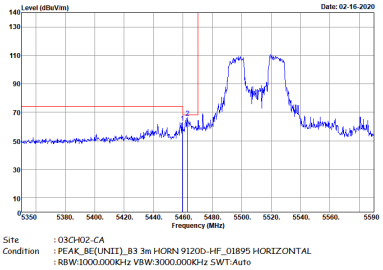
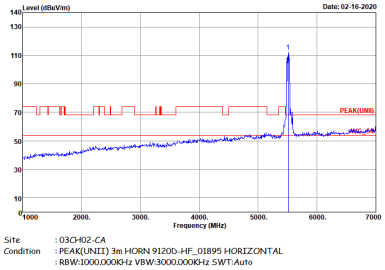
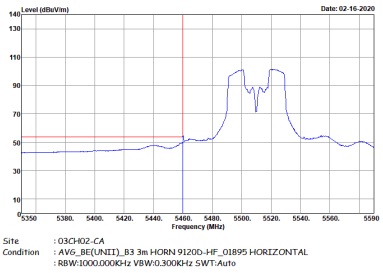
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

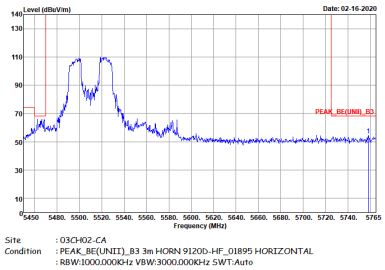
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak		

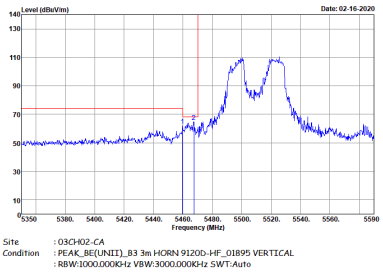
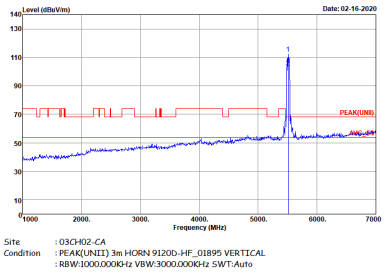
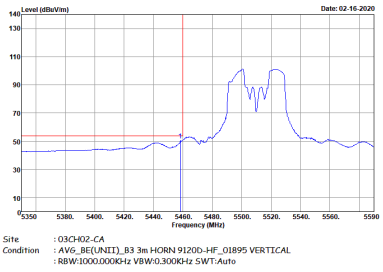
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
1+2	Vertical	Fundamental
Peak		

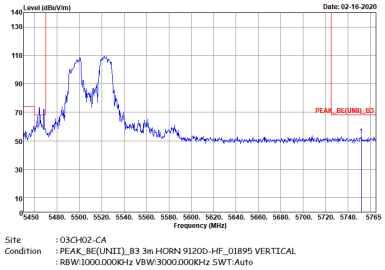
Band 3 5470~5725MHz

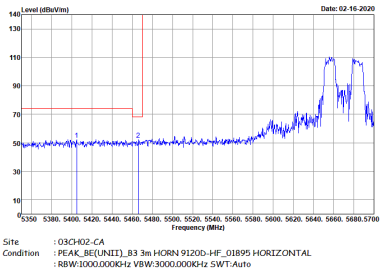
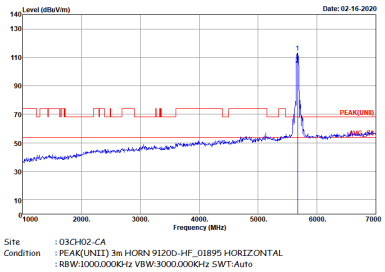
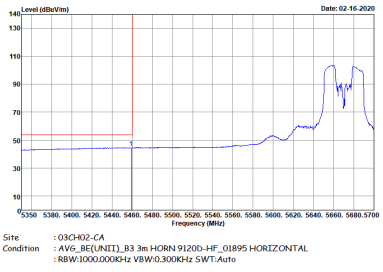
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

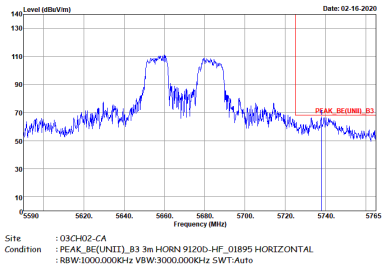
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank