FCC RADIO TEST REPORT

FCC ID	:	2ABZ2-EE149
Equipment	:	Smart Phone
Brand Name	:	ONEPLUS
Model Name	:	IN2019
Applicant	:	OnePlus Technology (Shenzhen) Co., Ltd 18C02, 18C03, 18C04 and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen
Manufacturer	:	OnePlus Technology (Shenzhen) Co., Ltd 18C02, 18C03, 18C04 and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen
Standard	:	FCC Part 15 Subpart E §15.407

The product was received on Jan. 03, 2020 and testing was started from Jan. 09, 2020 and completed on Feb. 26, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

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

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR9D0701E	01	Initial issue of report	Mar. 06, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 3.18 dB at 5468.080 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 14.26 dB at 13.198 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

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

Reviewed by: Wii Chang
Report Producer: Yimin Ho

1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	**WWAN:** Loop Antenna / IFA Antenna **WLAN 2.4GHz:** <Ant. 1> Couple Loop Antenna <Ant. 2> Monopole Antenna **WLAN 5GHz:** <Ant. 1> Couple Loop Antenna <Ant. 2> Loop Antenna **Bluetooth:** Couple Loop Antenna **GPS / Glonass / BDS / Galileo / SBAS:** Couple Loop Antenna **NFC:** Coil Antenna

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	**Sporton Site No.**	
	TH05-HY	CO05-HY

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

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH11-HY

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

FCC designation No.: TW1190 and TW0007

1.4 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

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

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

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

2.2 Test Mode

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

MIMO Mode

Modulation	Data Rate
802.11a	**6 Mbps**
802.11n HT20 (Covered by 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 : GSM850 Idle + WLAN (5GHz) Link + Bluetooth Link + USB Cable 2 (Charging from AC Adapter 3)
Remark: For Radiated Test Cases, the tests were performed with AC Adapter 3 and USB Cable 3.	

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

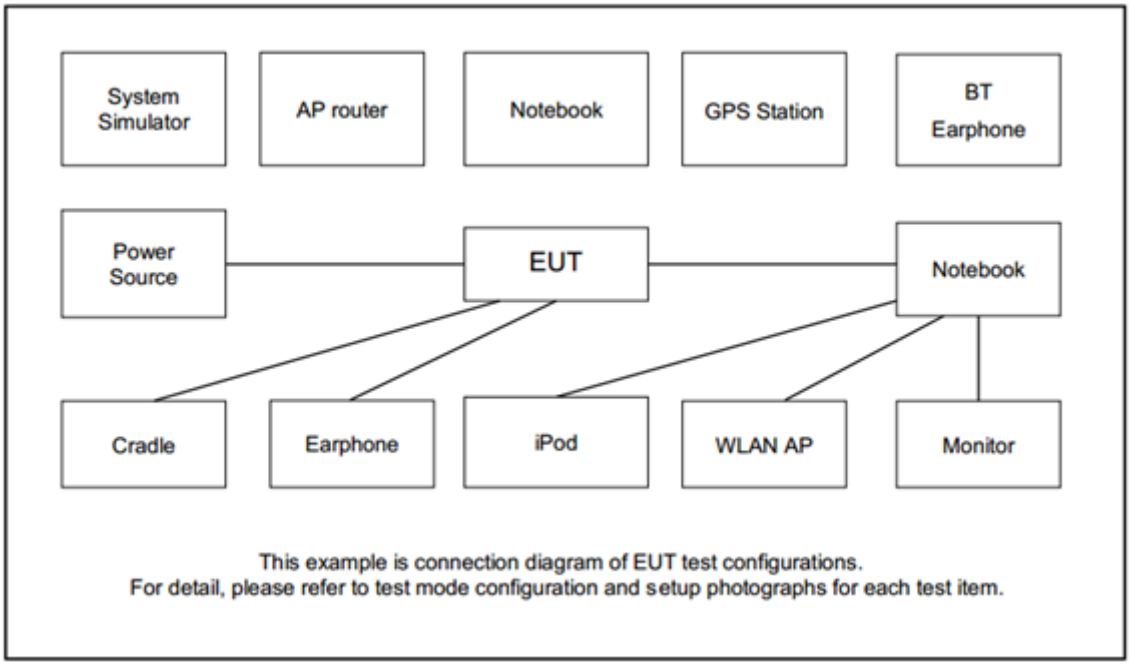
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	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



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
4.	Notebook	DELL	Latitude E3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility “QSPR v5.0-00188” 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

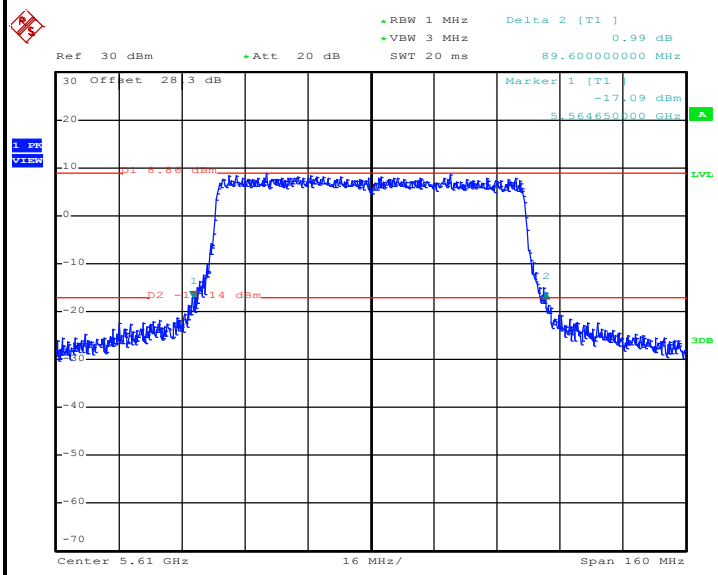
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

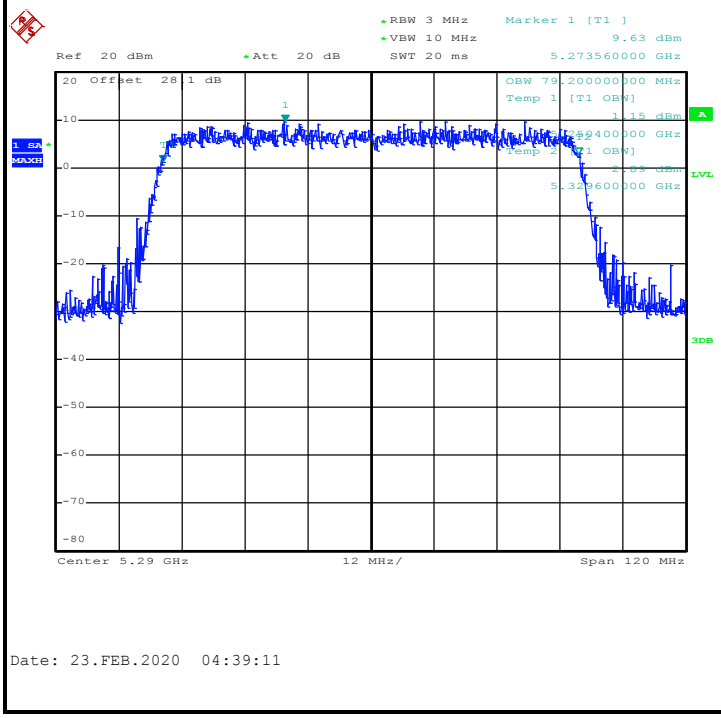
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

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

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

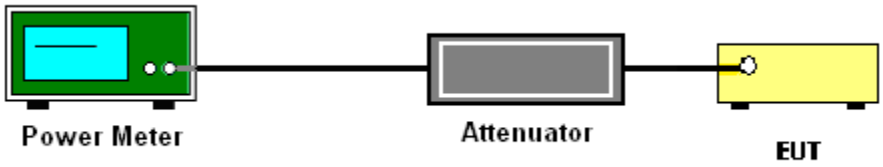
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using 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 comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-3 #

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

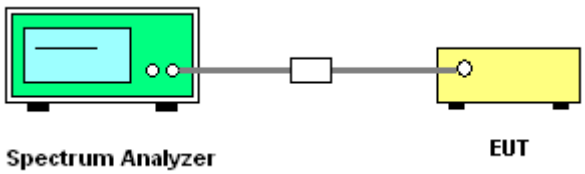
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the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

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

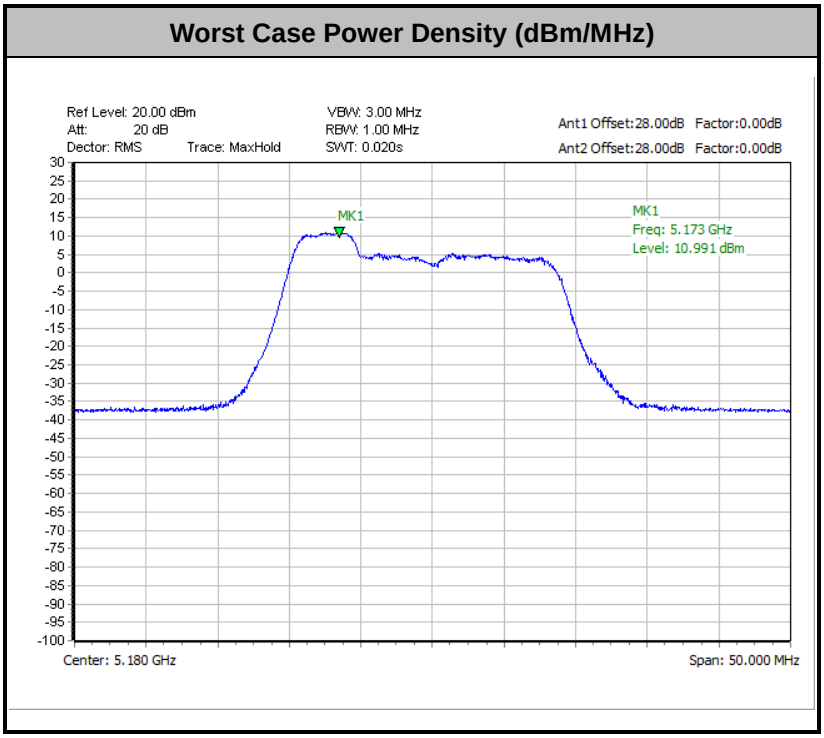
3.3.4 Test Setup



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 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

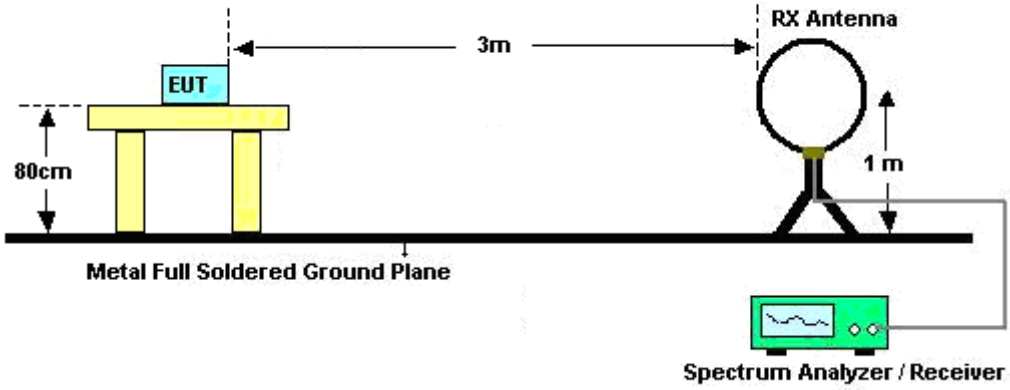
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- 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.

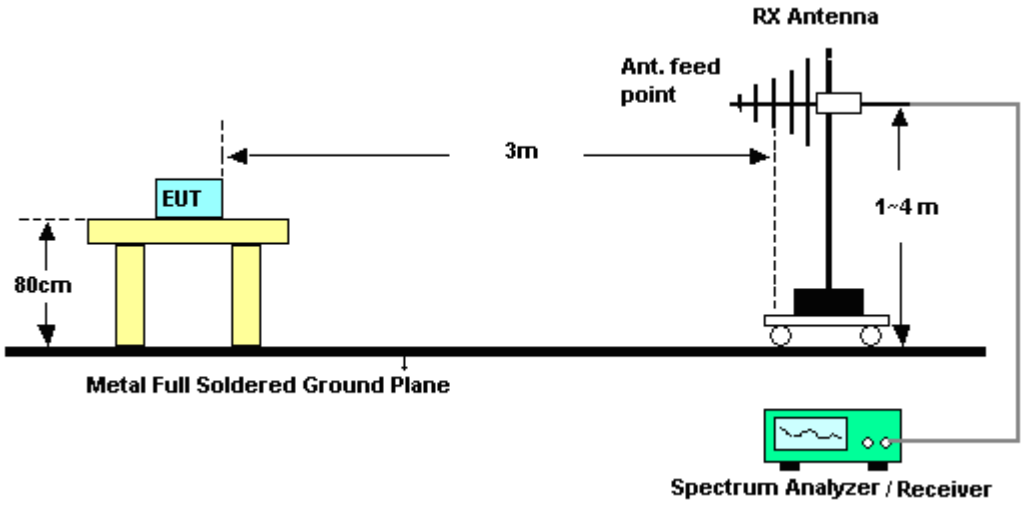
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

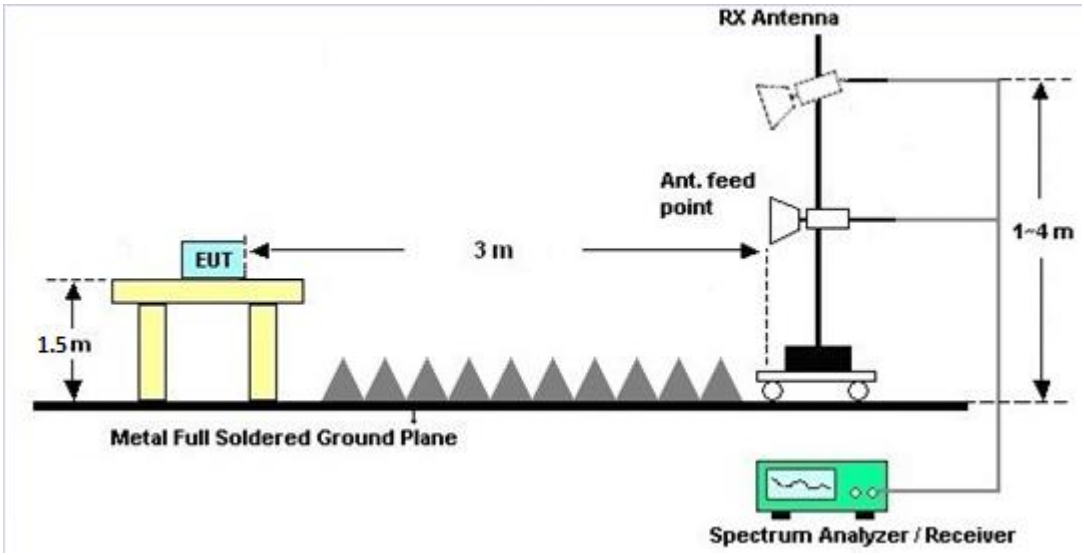
For radiated emissions below 30MHz



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 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.

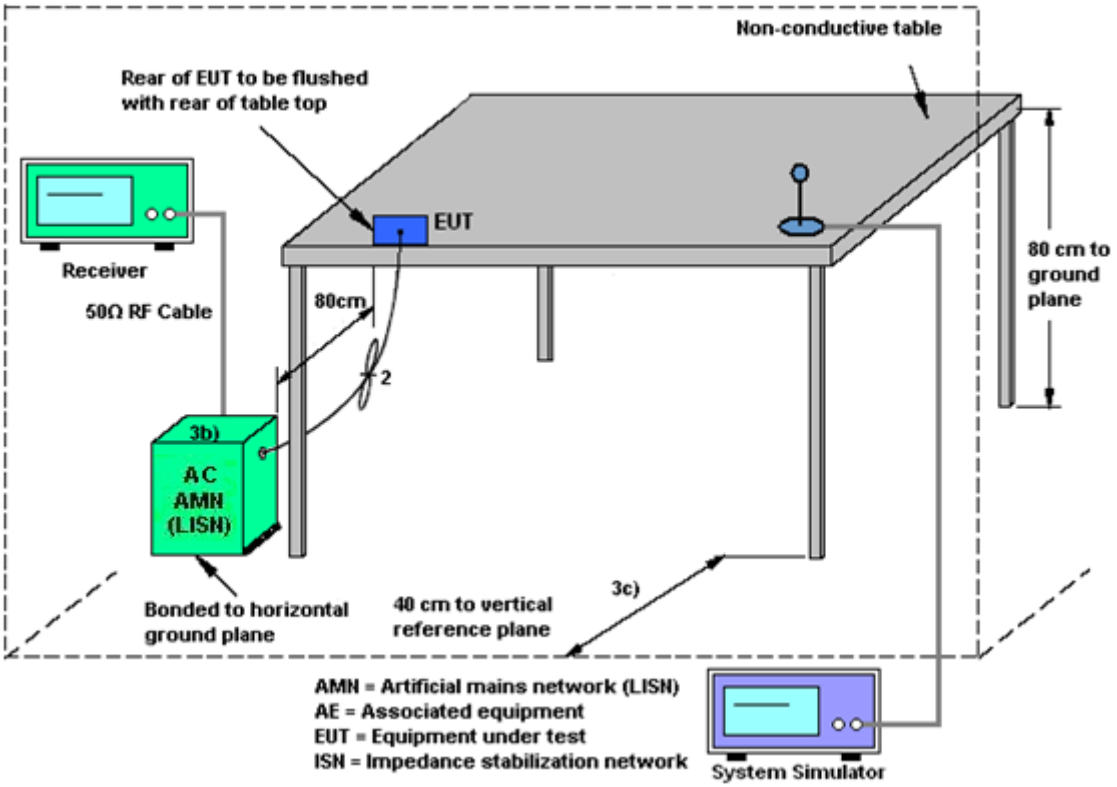
3.5.2 Measuring Instruments

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



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

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

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

The EUT supports CDD mode.

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

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

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

The directional gain “DG” is calculated as following table.

<CDD Modes>

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-1.00	0.50	0.50	2.79	0.00	0.00
Band II	-1.50	-2.00	-1.50	1.26	0.00	0.00
Band III	-0.50	-2.00	-0.50	1.79	0.00	0.00

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

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Preamplifier	EMCE	EMC184045B	980192	18GHz ~ 40GHz	Aug. 01, 2019	Jan. 23, 2020~ Feb. 26, 2020	Jul. 31, 2020	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 03, 2019	Jan. 23, 2020~ Feb. 26, 2020	Dec. 02, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 12, 2019	Jan. 23, 2020~ Feb. 10, 2020	Feb. 11, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 09, 2020	Feb. 11, 2020~ Feb. 26, 2020	Feb. 08, 2021	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Nov. 04, 2019	Jan. 23, 2020~ Feb. 26, 2020	Nov. 03, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 09, 2020	Jan. 23, 2020~ Feb. 26, 2020	Jan. 08, 2021	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 13, 2019	Jan. 23, 2020~ Feb. 26, 2020	Nov. 12, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz ~ 44GHz	Oct. 28, 2019	Jan. 23, 2020~ Feb. 26, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 23, 2020~ Feb. 26, 2020	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jan. 23, 2020~ Feb. 26, 2020	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jan. 23, 2020~ Feb. 26, 2020	N/A	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JAP00101800-30-10P	160118550004	1GHz~18GHz	Apr. 16, 2019	Jan. 23, 2020~ Feb. 26, 2020	Apr. 15, 2020	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz- 40GHz	May 14, 2019	Jan. 23, 2020~ Feb. 26, 2020	May 13, 2020	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY55420170	20MHz~8.4GHz	Mar. 08, 2019	Jan. 23, 2020~ Feb. 26, 2020	Mar. 07, 2020	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Jan. 23, 2020~ Feb. 26, 2020	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz-30MHz	Mar. 13, 2019	Jan. 23, 2020~ Feb. 26, 2020	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 13, 2019	Jan. 23, 2020~ Feb. 26, 2020	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	30M-18G	Mar. 13, 2019	Jan. 23, 2020~ Feb. 26, 2020	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 13, 2019	Jan. 23, 2020~ Feb. 26, 2020	Mar. 12, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53G Low Pass	Sep. 15, 2019	Jan. 23, 2020~ Feb. 26, 2020	Sep. 14, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass	Sep. 16, 2019	Jan. 23, 2020~ Feb. 26, 2020	Sep. 15, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP140325	N/A	Nov. 07, 2019	Jan. 23, 2020~ Feb. 26, 2020	Nov. 06, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP161237	N/A	Oct. 25, 2019	Jan. 23, 2020~ Feb. 26, 2020	Oct. 24, 2020	Radiation (03CH11-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	Jan. 09, 2020~ Feb. 25, 2020	Jun. 16, 2020	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Dec. 23, 2019	Jan. 09, 2020~ Feb. 25, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Aug. 14, 2019	Jan. 09, 2020~ Feb. 25, 2020	Aug. 13, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1208382	N/A	Mar. 27, 2019	Jan. 09, 2020~ Feb. 25, 2020	Mar. 26, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jan. 11, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Jan. 11, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	Jan. 11, 2020	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Jan. 11, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jan. 11, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Jan. 11, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Jan. 11, 2020	Jan. 01, 2021	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.0**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.12**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Kathy Chen / Kai Liao	Temperature:	21~25	°C
Test Date:	2020/1/9 ~ 2/25	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.35	16.50	21.30	20.70	-		22.14			
11a	6Mbps	2	44	5220	16.35	16.45	21.30	20.70	-		22.14			
11a	6Mbps	2	48	5240	16.40	16.45	21.20	20.70	-		22.15			

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TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.90	16.90	19.91	24.00		0.50			Pass
11a	6Mbps	2	44	5220	16.90	16.90	19.91	24.00		0.50			Pass
11a	6Mbps	2	48	5240	16.90	16.90	19.91	24.00		0.50			Pass
HT20	MCS0	2	36	5180	13.90	14.10	17.01	24.00		0.50			Pass
HT20	MCS0	2	44	5220	16.00	16.20	19.11	24.00		0.50			Pass
HT20	MCS0	2	48	5240	16.00	16.40	19.21	24.00		0.50			Pass
HT40	MCS0	2	38	5190	13.40	13.10	16.26	24.00		0.50			Pass
HT40	MCS0	2	46	5230	16.50	16.20	19.36	24.00		0.50			Pass
VHT20	MCS0	2	36	5180	13.80	13.50	16.66	24.00		0.50			Pass
VHT20	MCS0	2	44	5220	15.80	15.60	18.71	24.00		0.50			Pass
VHT20	MCS0	2	48	5240	15.80	15.80	18.81	24.00		0.50			Pass
VHT40	MCS0	2	38	5190	13.30	13.00	16.16	24.00		0.50			Pass
VHT40	MCS0	2	46	5230	16.40	16.10	19.26	24.00		0.50			Pass
VHT80	MCS0	2	42	5210	13.20	13.10	16.16	24.00		0.50			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180			10.24	11.00		2.79		Pass
11a	6Mbps	2	44	5220			10.54	11.00		2.79		Pass
11a	6Mbps	2	48	5240			10.16	11.00		2.79		Pass

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	16.40	16.45	21.20	20.60	23.15		29.15		23.98		
11a	6Mbps	2	60	5300	16.40	16.45	21.30	20.70	23.15		29.15		23.98		
11a	6Mbps	2	64	5320	16.40	16.45	21.30	20.70	23.15		29.15		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	16.90	16.90	19.91	23.98		-1.50		26.99	Pass
11a	6Mbps	2	60	5300	16.90	16.80	19.86	23.98		-1.50		26.99	Pass
11a	6Mbps	2	64	5320	16.90	16.80	19.86	23.98		-1.50		26.99	Pass
HT20	MCS0	2	52	5260	16.00	16.50	19.27	23.98		-1.50		26.99	Pass
HT20	MCS0	2	60	5300	16.10	16.60	19.37	23.98		-1.50		26.99	Pass
HT20	MCS0	2	64	5320	16.10	16.70	19.42	23.98		-1.50		26.99	Pass
HT40	MCS0	2	54	5270	16.40	16.60	19.51	23.98		-1.50		26.99	Pass
HT40	MCS0	2	62	5310	14.30	14.50	17.41	23.98		-1.50		26.99	Pass
VHT20	MCS0	2	52	5260	15.90	16.00	18.96	23.98		-1.50		26.99	Pass
VHT20	MCS0	2	60	5300	16.00	16.10	19.06	23.98		-1.50		26.99	Pass
VHT20	MCS0	2	64	5320	16.00	16.20	19.11	23.98		-1.50		26.99	Pass
VHT40	MCS0	2	54	5270	16.30	16.50	19.41	23.98		-1.50		26.99	Pass
VHT40	MCS0	2	62	5310	14.10	14.10	17.11	23.98		-1.50		26.99	Pass
VHT80	MCS0	2	58	5290	13.40	12.90	16.17	23.98		-1.50		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260			10.61	11.00		1.26			Pass
11a	6Mbps	2	60	5300			10.78	11.00		1.26			Pass
11a	6Mbps	2	64	5320			10.90	11.00		1.26			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	16.40	16.45	21.40	20.60	23.15		29.15		23.98		----	----
11a	6Mbps	2	116	5580	16.45	16.45	21.25	20.80	23.16		29.16		23.98		----	----
11a	6Mbps	2	140	5700	16.45	16.45	21.10	20.70	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	13.25	13.25	15.55	15.30	22.22		28.22		22.85		2.55	2.75

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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
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	16.90	16.80	19.86	23.98		-0.50		26.99	Pass
11a	6Mbps	2	116	5580	16.90	16.80	19.86	23.98		-0.50		26.99	Pass
11a	6Mbps	2	140	5700	16.80	16.90	19.86	23.98		-0.50		26.99	Pass
HT20	MCS0	2	100	5500	16.10	16.80	19.47	23.98		-0.50		26.99	Pass
HT20	MCS0	2	116	5580	16.00	16.80	19.43	23.98		-0.50		26.99	Pass
HT20	MCS0	2	140	5700	13.20	13.80	16.52	23.98		-0.50		26.99	Pass
HT40	MCS0	2	102	5510	14.50	14.80	17.66	23.98		-0.50		26.99	Pass
HT40	MCS0	2	110	5550	16.80	16.80	19.81	23.98		-0.50		26.99	Pass
HT40	MCS0	2	134	5670	16.70	16.60	19.66	23.98		-0.50		26.99	Pass
VHT20	MCS0	2	100	5500	16.00	16.30	19.16	23.98		-0.50		26.99	Pass
VHT20	MCS0	2	116	5580	15.90	16.30	19.11	23.98		-0.50		26.99	Pass
VHT20	MCS0	2	140	5700	13.10	13.80	16.47	23.98		-0.50		26.99	Pass
VHT40	MCS0	2	102	5510	14.40	14.70	17.56	23.98		-0.50		26.99	Pass
VHT40	MCS0	2	110	5550	16.70	16.80	19.76	23.98		-0.50		26.99	Pass
VHT40	MCS0	2	134	5670	16.60	16.50	19.56	23.98		-0.50		26.99	Pass
VHT80	MCS0	2	106	5530	14.50	14.30	17.41	23.98		-0.50		26.99	Pass
VHT80	MCS0	2	122	5610	15.40	15.30	18.36	23.98		-0.50		26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	16.80	16.90	19.86	22.85		-0.50		26.99	Pass
HT20	MCS0	2	144	5720	15.80	16.40	19.12	23.98		-0.50		26.99	Pass
HT40	MCS0	2	142	5710	16.40	16.40	19.41	23.98		-0.50		26.99	Pass
VHT20	MCS0	2	144	5720	15.70	16.00	18.86	23.98		-0.50		26.99	Pass
VHT40	MCS0	2	142	5710	16.30	16.30	19.31	23.98		-0.50		26.99	Pass
VHT80	MCS0	2	138	5690	15.40	15.60	18.51	23.98		-0.50		26.99	Pass

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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			10.35	11.00		1.79		Pass
11a	6Mbps	2	116	5580			10.36	11.00		1.79		Pass
11a	6Mbps	2	140	5700			10.84	11.00		1.79		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			10.93	11.00		1.79		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I 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)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	19.15	19.10	25.15	25.80	-		22.81			
HE20	MCS0	2	36	5180	26/0	18.25	18.30	21.80	21.70	-		22.61			
HE20	MCS0	2	36	5180	52/37	18.20	18.05	21.50	21.60	-		22.56			
HE20	MCS0	2	36	5180	106/53	18.05	18.00	22.10	21.80	-		22.55			
HE20	MCS0	2	44	5220	Full	19.10	19.15	41.05	34.25	-		22.81			
HE20	MCS0	2	48	5240	Full	19.15	19.15	40.85	36.90	-		22.82			
HE40	MCS0	2	38	5190	Full	38.30	38.30	51.55	46.98	-		23.01			
HE40	MCS0	2	38	5190	242/61	36.90	37.10	40.86	41.76	-		23.01			
HE40	MCS0	2	46	5230	Full	38.30	38.30	66.47	70.02	-		23.01			
HE80	MCS0	2	42	5210	Full	79.08	79.08	88.42	88.58	-		23.01			
HE80	MCS0	2	42	5210	242/61	77.64	77.64	80.96	82.56	-		23.01			
HE80	MCS0	2	42	5210	484/65	76.80	76.92	81.60	81.60	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	14.00	14.40	17.21	24.00		0.50			Pass
HE20	MCS0	2	36	5180	26/0	8.90	9.60	12.27	24.00		0.50			Pass
HE20	MCS0	2	36	5180	52/37	11.80	12.50	15.17	24.00		0.50			Pass
HE20	MCS0	2	36	5180	106/53	14.50	15.20	17.87	24.00		0.50			Pass
HE20	MCS0	2	44	5220	Full	16.30	16.70	19.51	24.00		0.50			Pass
HE20	MCS0	2	48	5240	Full	16.10	16.80	19.47	24.00		0.50			Pass
HE40	MCS0	2	38	5190	Full	13.50	13.70	16.61	24.00		0.50			Pass
HE40	MCS0	2	38	5190	242/61	16.20	16.50	19.36	24.00		0.50			Pass
HE40	MCS0	2	46	5230	Full	16.60	16.90	19.76	24.00		0.50			Pass
HE80	MCS0	2	42	5210	Full	13.30	13.80	16.57	24.00		0.50			Pass
HE80	MCS0	2	42	5210	242/61	15.70	15.90	18.81	24.00		0.50			Pass
HE80	MCS0	2	42	5210	484/65	13.10	13.70	16.42	24.00		0.50			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I 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	36	5180	Full			9.01	11.00		2.79		Pass
HE20	MCS0	2	36	5180	26/0			10.57	11.00		2.79		Pass
HE20	MCS0	2	36	5180	52/37			10.99	11.00		2.79		Pass
HE20	MCS0	2	36	5180	106/53			10.82	11.00		2.79		Pass
HE20	MCS0	2	44	5220	Full			9.00	11.00		2.79		Pass
HE20	MCS0	2	48	5240	Full			9.00	11.00		2.79		Pass
HE40	MCS0	2	38	5190	Full			5.44	11.00		2.79		Pass
HE40	MCS0	2	38	5190	242/61			9.19	11.00		2.79		Pass
HE40	MCS0	2	46	5230	Full			5.49	11.00		2.79		Pass
HE80	MCS0	2	42	5210	Full			1.78	11.00		2.79		Pass
HE80	MCS0	2	42	5210	242/61			8.31	11.00		2.79		Pass
HE80	MCS0	2	42	5210	484/65			4.10	11.00		2.79		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	19.15	19.15	38.50	32.30	23.82		29.82		23.98		
HE20	MCS0	2	52	5260	26/4	16.75	16.55	19.90	19.30	23.19		29.19		23.86		
HE20	MCS0	2	60	5300	Full	19.10	19.15	33.50	33.75	23.81		29.81		23.98		
HE20	MCS0	2	64	5320	Full	19.10	19.15	32.90	30.80	23.81		29.81		23.98		
HE20	MCS0	2	64	5320	26/8	18.40	18.30	22.10	21.70	23.62		29.62		23.98		
HE20	MCS0	2	64	5320	52/40	18.15	18.00	21.90	21.20	23.55		29.55		23.98		
HE20	MCS0	2	64	5320	106/54	17.95	18.05	21.50	21.80	23.54		29.54		23.98		
HE40	MCS0	2	54	5270	Full	38.50	38.50	61.43	66.83	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	38.40	38.30	46.62	47.34	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	242/62	36.90	37.20	41.40	40.86	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	79.20	79.08	87.04	87.68	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	242/64	77.64	77.76	82.56	82.24	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	484/66	76.92	77.28	82.88	82.24	23.98		30.00		23.98		

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
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	16.20	16.90	19.57	23.98		-1.50		26.99	Pass
HE20	MCS0	2	52	5260	26/4	9.40	10.30	12.88	23.86		-1.50		26.99	Pass
HE20	MCS0	2	60	5300	Full	16.50	16.80	19.66	23.98		-1.50		26.99	Pass
HE20	MCS0	2	64	5320	Full	16.40	16.80	19.61	23.98		-1.50		26.99	Pass
HE20	MCS0	2	64	5320	26/8	9.00	9.80	12.43	23.98		-1.50		26.99	Pass
HE20	MCS0	2	64	5320	52/40	11.30	12.00	14.67	23.98		-1.50		26.99	Pass
HE20	MCS0	2	64	5320	106/54	13.90	14.80	17.38	23.98		-1.50		26.99	Pass
HE40	MCS0	2	54	5270	Full	16.70	16.90	19.81	23.98		-1.50		26.99	Pass
HE40	MCS0	2	62	5310	Full	14.40	14.90	17.67	23.98		-1.50		26.99	Pass
HE40	MCS0	2	62	5310	242/62	16.80	16.90	19.86	23.98		-1.50		26.99	Pass
HE80	MCS0	2	58	5290	Full	13.50	13.60	16.56	23.98		-1.50		26.99	Pass
HE80	MCS0	2	58	5290	242/64	15.80	15.90	18.86	23.98		-1.50		26.99	Pass
HE80	MCS0	2	58	5290	484/66	15.50	15.60	18.56	23.98		-1.50		26.99	Pass

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			8.25	11.00		1.26		Pass
HE20	MCS0	2	52	5260	26/4			10.61	11.00		1.26		Pass
HE20	MCS0	2	60	5300	Full			8.49	11.00		1.26		Pass
HE20	MCS0	2	64	5320	Full			8.35	11.00		1.26		Pass
HE20	MCS0	2	64	5320	26/8			10.91	11.00		1.26		Pass
HE20	MCS0	2	64	5320	52/40			10.71	11.00		1.26		Pass
HE20	MCS0	2	64	5320	106/54			10.72	11.00		1.26		Pass
HE40	MCS0	2	54	5270	Full			5.88	11.00		1.26		Pass
HE40	MCS0	2	62	5310	Full			5.92	11.00		1.26		Pass
HE40	MCS0	2	62	5310	242/62			9.90	11.00		1.26		Pass
HE80	MCS0	2	58	5290	Full			1.96	11.00		1.26		Pass
HE80	MCS0	2	58	5290	242/64			9.27	11.00		1.26		Pass
HE80	MCS0	2	58	5290	484/66			6.89	11.00		1.26		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	19.05	19.15	30.30	32.15	23.80		29.80		23.98		----	----
HE20	MCS0	2	100	5500	26/0	18.25	18.20	21.70	21.70	23.60		29.60		23.98		----	----
HE20	MCS0	2	100	5500	52/37	18.10	18.00	21.60	21.70	23.55		29.55		23.98		----	----
HE20	MCS0	2	100	5500	106/53	18.00	18.00	22.10	21.90	23.55		29.55		23.98		----	----
HE20	MCS0	2	116	5580	Full	19.15	19.15	33.70	33.40	23.82		29.82		23.98		----	----
HE20	MCS0	2	116	5580	26/4	16.65	16.36	19.90	19.40	23.14		29.14		23.88		----	----
HE20	MCS0	2	140	5700	Full	19.15	19.10	26.05	26.70	23.81		29.81		23.98		----	----
HE20	MCS0	2	140	5700	26/8	18.45	18.25	22.00	21.70	23.61		29.61		23.98		----	----
HE20	MCS0	2	140	5700	52/40	18.20	18.00	21.80	21.20	23.55		29.55		23.98		----	----
HE20	MCS0	2	140	5700	106/54	18.00	17.85	21.50	21.70	23.52		29.52		23.98		----	----
HE40	MCS0	2	102	5510	Full	38.30	38.40	45.90	46.62	23.98		30.00		23.98		----	----
HE40	MCS0	2	102	5510	242/61	37.00	37.20	40.68	41.58	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	38.40	38.30	52.89	60.68	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	38.40	38.50	65.52	59.31	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	242/62	37.10	37.10	41.22	40.86	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	79.08	78.96	86.82	88.00	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	242/61	77.40	77.64	80.96	82.24	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	484/65	76.80	76.68	81.28	81.60	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	78.96	79.20	86.93	89.60	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	242/64	77.64	78.00	82.56	82.24	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	484/66	77.16	76.92	82.88	82.56	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	14.60	14.60	21.10	20.25	22.64		28.64		23.98		4.5	4.5
HE40	MCS0	2	142	5710	Full	34.30	34.40	42.99	37.90	23.98		30.00		23.98		4.08	3.99
HE80	MCS0	2	138	5690	Full	74.72	74.72	78.84	79.48	23.98		30.00		23.98		4.04	3.88

Report Number : FR9D0701E

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
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	16.50	16.90	19.71	23.98		-0.50		26.99	Pass
HE20	MCS0	2	100	5500	26/0	9.50	10.00	12.77	23.98		-0.50		26.99	Pass
HE20	MCS0	2	100	5500	52/37	11.60	12.40	15.03	23.98		-0.50		26.99	Pass
HE20	MCS0	2	100	5500	106/53	14.20	14.90	17.57	23.98		-0.50		26.99	Pass
HE20	MCS0	2	116	5580	Full	16.60	16.90	19.76	23.98		-0.50		26.99	Pass
HE20	MCS0	2	116	5580	26/4	9.40	10.20	12.83	23.88		-0.50		26.99	Pass
HE20	MCS0	2	140	5700	Full	13.60	14.40	17.03	23.98		-0.50		26.99	Pass
HE20	MCS0	2	140	5700	26/8	9.30	10.00	12.67	23.98		-0.50		26.99	Pass
HE20	MCS0	2	140	5700	52/40	11.00	11.80	14.43	23.98		-0.50		26.99	Pass
HE20	MCS0	2	140	5700	106/54	13.60	14.40	17.03	23.98		-0.50		26.99	Pass
HE40	MCS0	2	102	5510	Full	14.60	14.90	17.76	23.98		-0.50		26.99	Pass
HE40	MCS0	2	102	5510	242/61	16.90	16.90	19.91	23.98		-0.50		26.99	Pass
HE40	MCS0	2	110	5550	Full	16.90	16.90	19.91	23.98		-0.50		26.99	Pass
HE40	MCS0	2	134	5670	Full	16.80	16.90	19.86	23.98		-0.50		26.99	Pass
HE40	MCS0	2	134	5670	242/62	16.70	16.90	19.81	23.98		-0.50		26.99	Pass
HE80	MCS0	2	106	5530	Full	14.60	15.10	17.87	23.98		-0.50		26.99	Pass
HE80	MCS0	2	106	5530	242/61	15.80	15.90	18.86	23.98		-0.50		26.99	Pass
HE80	MCS0	2	106	5530	484/65	14.20	14.50	17.36	23.98		-0.50		26.99	Pass
HE80	MCS0	2	122	5610	Full	15.80	15.90	18.86	23.98		-0.50		26.99	Pass
HE80	MCS0	2	122	5610	242/64	15.70	15.90	18.81	23.98		-0.50		26.99	Pass
HE80	MCS0	2	122	5610	484/66	15.50	15.90	18.71	23.98		-0.50		26.99	Pass

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
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full	16.20	16.90	19.57	23.98		-0.50		26.99	Pass
HE40	MCS0	2	142	5710	Full	16.70	16.90	19.81	23.98		-0.50		26.99	Pass
HE80	MCS0	2	138	5690	Full	15.50	15.90	18.71	23.98		-0.50		26.99	Pass

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			8.39	11.00		1.79		Pass
HE20	MCS0	2	100	5500	26/0			10.80	11.00		1.79		Pass
HE20	MCS0	2	100	5500	52/37			10.75	11.00		1.79		Pass
HE20	MCS0	2	100	5500	106/53			10.57	11.00		1.79		Pass
HE20	MCS0	2	116	5580	Full			8.34	11.00		1.79		Pass
HE20	MCS0	2	116	5580	26/4			10.48	11.00		1.79		Pass
HE20	MCS0	2	140	5700	Full			8.77	11.00		1.79		Pass
HE20	MCS0	2	140	5700	26/8			10.99	11.00		1.79		Pass
HE20	MCS0	2	140	5700	52/40			10.83	11.00		1.79		Pass
HE20	MCS0	2	140	5700	106/54			10.61	11.00		1.79		Pass
HE40	MCS0	2	102	5510	Full			5.85	11.00		1.79		Pass
HE40	MCS0	2	102	5510	242/61			9.23	11.00		1.79		Pass
HE40	MCS0	2	110	5550	Full			5.84	11.00		1.79		Pass
HE40	MCS0	2	134	5670	Full			5.75	11.00		1.79		Pass
HE40	MCS0	2	134	5670	242/62			9.81	11.00		1.79		Pass
HE80	MCS0	2	106	5530	Full			1.88	11.00		1.79		Pass
HE80	MCS0	2	106	5530	242/61			8.16	11.00		1.79		Pass
HE80	MCS0	2	106	5530	484/65			5.25	11.00		1.79		Pass
HE80	MCS0	2	122	5610	Full			1.91	11.00		1.79		Pass
HE80	MCS0	2	122	5610	242/64			8.99	11.00		1.79		Pass
HE80	MCS0	2	122	5610	484/66			6.90	11.00		1.79		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			8.97	11.00		1.79		Pass
HE40	MCS0	2	142	5710	Full			5.58	11.00		1.79		Pass
HE80	MCS0	2	138	5690	Full			1.70	11.00		1.79		Pass

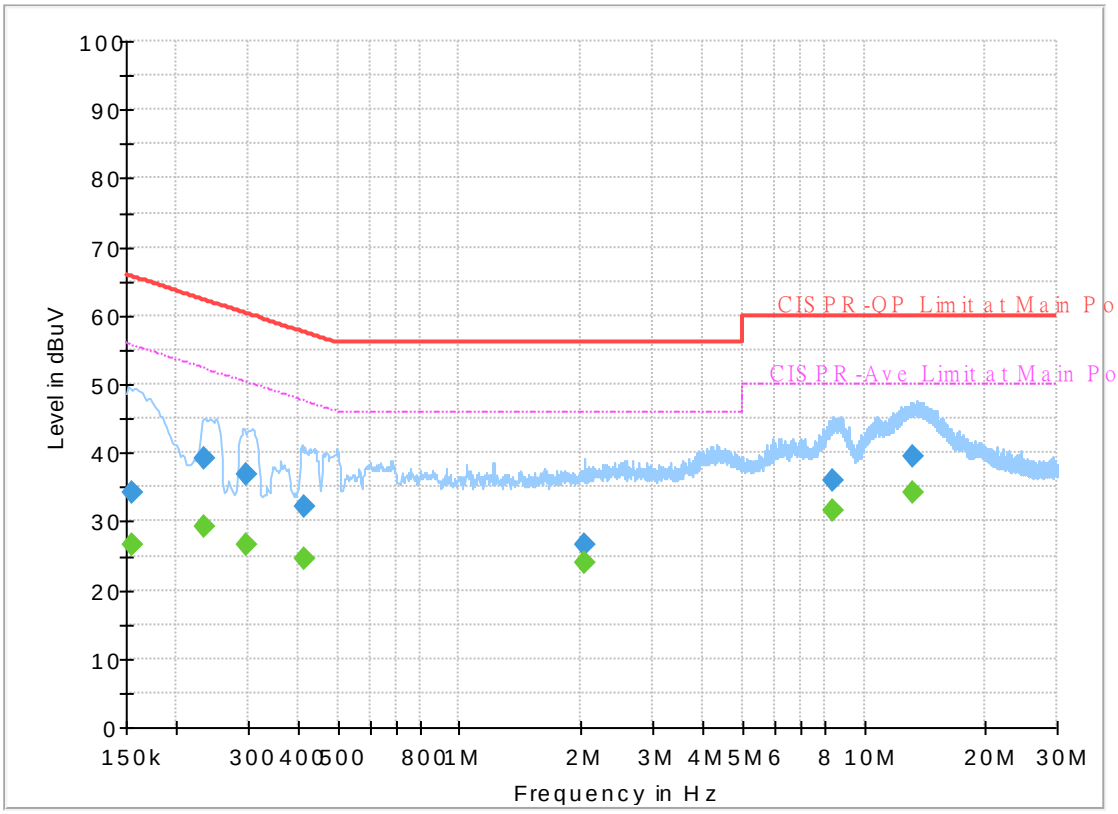
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	21~23℃
		Relative Humidity :	40~43%

EUT Information

Report NO :	9D0701
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



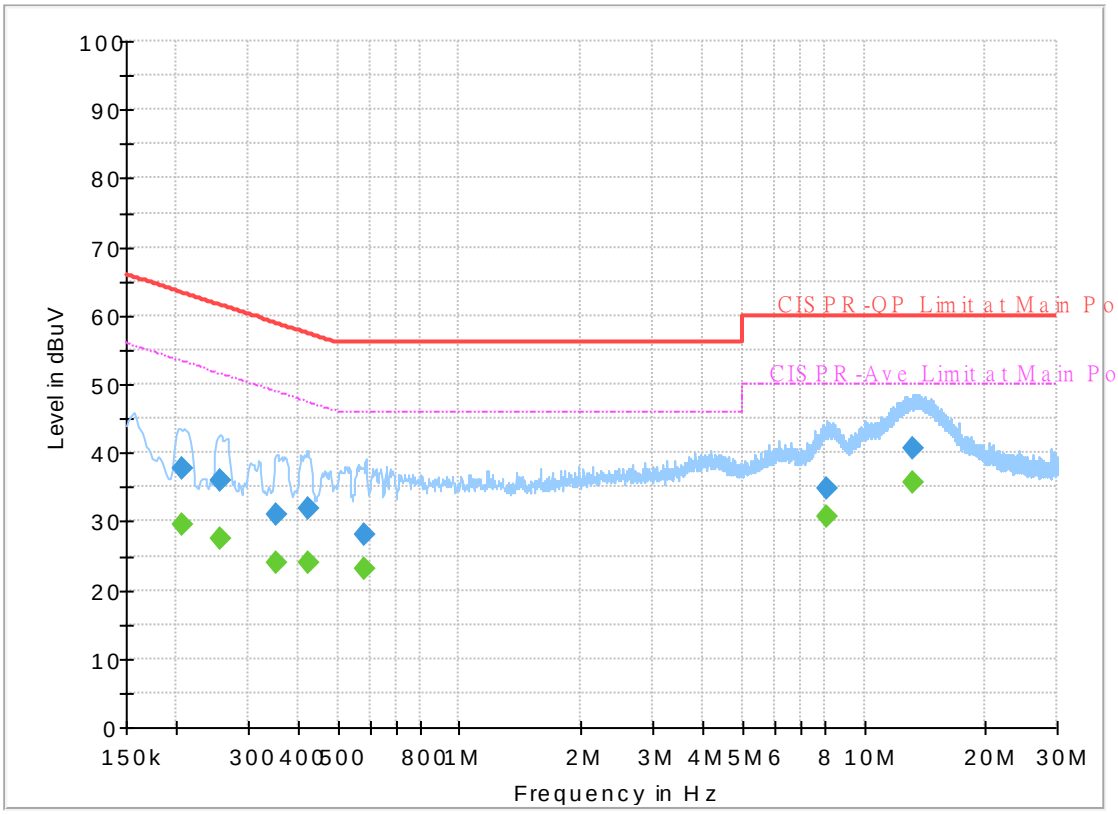
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	26.50	55.75	29.25	L1	OFF	19.5
0.154500	34.12	---	65.75	31.63	L1	OFF	19.5
0.235140	---	29.30	52.27	22.97	L1	OFF	19.5
0.235140	39.30	---	62.27	22.97	L1	OFF	19.5
0.295890	---	26.74	50.36	23.62	L1	OFF	19.5
0.295890	36.71	---	60.36	23.65	L1	OFF	19.5
0.413250	---	24.42	47.58	23.16	L1	OFF	19.5
0.413250	32.07	---	57.58	25.51	L1	OFF	19.5
2.031000	---	23.96	46.00	22.04	L1	OFF	19.7
2.031000	26.59	---	56.00	29.41	L1	OFF	19.7
8.412180	---	31.68	50.00	18.32	L1	OFF	19.9
8.412180	36.08	---	60.00	23.92	L1	OFF	19.9
13.240500	---	34.36	50.00	15.64	L1	OFF	20.1
13.240500	39.47	---	60.00	20.53	L1	OFF	20.1

EUT Information

Report NO :	9D0701
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.206250	---	29.47	53.36	23.89	N	OFF	19.6
0.206250	37.82	---	63.36	25.54	N	OFF	19.6
0.256830	---	27.48	51.53	24.05	N	OFF	19.6
0.256830	36.06	---	61.53	25.47	N	OFF	19.6
0.350700	---	24.00	48.95	24.95	N	OFF	19.6
0.350700	30.98	---	58.95	27.97	N	OFF	19.6
0.421530	---	23.98	47.42	23.44	N	OFF	19.6
0.421530	31.78	---	57.42	25.64	N	OFF	19.6
0.582000	---	23.22	46.00	22.78	N	OFF	19.6
0.582000	28.18	---	56.00	27.82	N	OFF	19.6
8.074500	---	30.59	50.00	19.41	N	OFF	20.0
8.074500	34.80	---	60.00	25.20	N	OFF	20.0
13.197750	---	35.74	50.00	14.26	N	OFF	20.1
13.197750	40.63	---	60.00	19.37	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Cookie Ku, Fu Chen and Troye Hsieh	Temperature :	16.7~26.7°C
		Relative Humidity :	29.7~69.4%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5082.16	49.95	-24.05	74	41.16	31.69	9.96	32.86	100	18	P	H
		5148.46	40.59	-13.41	54	31.57	31.8	10.03	32.81	100	18	A	H
	*	5180	105.54	-	-	96.64	31.62	10.07	32.79	100	18	P	H
	*	5180	97.63	-	-	88.73	31.62	10.07	32.79	100	18	A	H
													H
													H
		5116.22	50.11	-23.89	74	41.15	31.8	10	32.84	149	23	P	V
		5148.98	42.22	-11.78	54	33.2	31.8	10.03	32.81	149	23	A	V
	*	5180	110.82	-	-	101.92	31.62	10.07	32.79	149	23	P	V
	*	5180	102.89	-	-	93.99	31.62	10.07	32.79	149	23	A	V
													V
													V
802.11a CH 44 5220MHz		5121.94	51.18	-22.82	74	42.21	31.8	10	32.83	104	19	P	H
		5093.34	40.37	-13.63	54	31.49	31.76	9.97	32.85	104	19	A	H
	*	5220	105.81	-	-	97.02	31.46	10.1	32.77	104	19	P	H
	*	5220	97.54	-	-	88.75	31.46	10.1	32.77	104	19	A	H
		5374.32	48.95	-25.05	74	40.03	31.45	10.14	32.67	104	19	P	H
		5456.4	39.27	-14.73	54	29.92	31.73	10.24	32.62	104	19	A	H
		5110.24	51.36	-22.64	74	42.41	31.8	9.99	32.84	140	22	P	V
		5070.98	40.75	-13.25	54	32.03	31.63	9.95	32.86	140	22	A	V
	*	5220	110.48	-	-	101.69	31.46	10.1	32.77	140	22	P	V
	*	5220	102.54	-	-	93.75	31.46	10.1	32.77	140	22	A	V
		5410.8	49.53	-24.47	74	40.39	31.62	10.17	32.65	140	22	P	V
		5454.96	39.33	-14.67	54	29.99	31.72	10.24	32.62	140	22	A	V

802.11a CH 48 5240MHz		5096.2	50.36	-23.64	74	41.45	31.78	9.98	32.85	115	20	P	H
		5091	40.42	-13.58	54	31.55	31.75	9.97	32.85	115	20	A	H
	*	5240	105.99	-	-	97.23	31.42	10.1	32.76	115	20	P	H
	*	5240	98.17	-	-	89.41	31.42	10.1	32.76	115	20	A	H
		5383.44	48.76	-25.24	74	39.77	31.5	10.15	32.66	115	20	P	H
		5458.56	39.27	-14.73	54	29.92	31.73	10.24	32.62	115	20	A	H
		5117	52.03	-21.97	74	43.07	31.8	10	32.84	134	23	P	V
		5091	40.84	-13.16	54	31.97	31.75	9.97	32.85	134	23	A	V
	*	5240	110.31	-	-	101.55	31.42	10.1	32.76	134	23	P	V
	*	5240	102.5	-	-	93.74	31.42	10.1	32.76	134	23	A	V
		5430.96	49.34	-24.66	74	40.11	31.66	10.2	32.63	134	23	P	V
		5458.8	39.32	-14.68	54	29.96	31.74	10.24	32.62	134	23	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	45.8	-22.4	68.2	53.52	39.8	16.35	63.87	100	0	P	H
		15540	43.57	-30.43	74	47.03	37.84	20.62	61.92	100	0	P	H
													H
													H
		10360	44.56	-23.64	68.2	52.28	39.8	16.35	63.87	100	0	P	V
		15540	43.86	-30.14	74	47.32	37.84	20.62	61.92	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.13	-22.07	68.2	53.54	39.96	16.4	63.77	100	0	P	H
		15660	43.2	-30.8	74	47.14	37.42	20.6	61.96	100	0	P	H
													H
													H
		10440	44.77	-23.43	68.2	52.18	39.96	16.4	63.77	100	0	P	V
		15660	42.94	-31.06	74	46.88	37.42	20.6	61.96	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	44.84	-23.36	68.2	52.21	39.92	16.43	63.72	100	0	P	H
		15720	43.38	-30.62	74	47.51	37.28	20.58	61.99	100	0	P	H
													H
													H
		10480	42.83	-25.37	68.2	50.2	39.92	16.43	63.72	100	0	P	V
		15720	43.04	-30.96	74	47.17	37.28	20.58	61.99	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 - 5150~5250MHz

WIFI 802.11ax HE20(FULL RU) (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 (FULL RU) CH 36 5180MHz		5148.98	61.71	-12.29	74	52.69	31.8	10.03	32.81	100	60	P	H
		5150	45.95	-8.05	54	36.93	31.8	10.03	32.81	100	60	A	H
	*	5180	110.9	-	-	102	31.62	10.07	32.79	100	60	P	H
	*	5180	99.91	-	-	91.01	31.62	10.07	32.79	100	60	A	H
													H
													H
		5147.42	58.5	-15.5	74	49.49	31.8	10.03	32.82	100	114	P	V
		5149.76	42.25	-11.75	54	33.23	31.8	10.03	32.81	100	114	A	V
	*	5180	103.79	-	-	94.89	31.62	10.07	32.79	100	114	P	V
	*	5180	93.88	-	-	84.98	31.62	10.07	32.79	100	114	A	V
													V
													V
802.11ax HE20 (FULL RU) CH 44 5220MHz		5149.76	51.41	-22.59	74	42.39	31.8	10.03	32.81	100	25	P	H
		5148.2	41.15	-12.85	54	32.14	31.8	10.03	32.82	100	25	A	H
	*	5220	111.57	-	-	102.78	31.46	10.1	32.77	100	25	P	H
	*	5220	102.1	-	-	93.31	31.46	10.1	32.77	100	25	A	H
		5390.16	49.82	-24.18	74	40.79	31.54	10.15	32.66	100	25	P	H
		5457.84	39.89	-14.11	54	30.54	31.73	10.24	32.62	100	25	A	H
		5078.52	51.42	-22.58	74	42.65	31.67	9.96	32.86	100	92	P	V
		5096.2	40.55	-13.45	54	31.64	31.78	9.98	32.85	100	92	A	V
	*	5220	105.89	-	-	97.1	31.46	10.1	32.77	100	92	P	V
	*	5220	95.89	-	-	87.1	31.46	10.1	32.77	100	92	A	V
		5399.76	50	-24	74	40.9	31.6	10.15	32.65	100	92	P	V
		5458.08	39.82	-14.18	54	30.47	31.73	10.24	32.62	100	92	A	V

802.11ax HE20 (FULL RU) CH 48 5240MHz		5029.38	50.17	-23.83	74	41.74	31.42	9.9	32.89	100	25	P	H
		5094.9	40.91	-13.09	54	32.02	31.77	9.97	32.85	100	25	A	H
	*	5240	111.33	-	-	102.57	31.42	10.1	32.76	100	25	P	H
	*	5240	101.59	-	-	92.83	31.42	10.1	32.76	100	25	A	H
		5424.96	50.28	-23.72	74	41.08	31.65	10.19	32.64	100	25	P	H
		5458.8	39.85	-14.15	54	30.49	31.74	10.24	32.62	100	25	A	H
		5124.02	51.77	-22.23	74	42.79	31.8	10.01	32.83	100	91	P	V
		5095.16	40.57	-13.43	54	31.68	31.77	9.97	32.85	100	91	A	V
	*	5240	106.14	-	-	97.38	31.42	10.1	32.76	100	91	P	V
	*	5240	95.98	-	-	87.22	31.42	10.1	32.76	100	91	A	V
		5421.84	50.06	-23.94	74	40.88	31.64	10.18	32.64	100	91	P	V
		5458.8	39.78	-14.22	54	30.42	31.74	10.24	32.62	100	91	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20(FULL RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (FULL RU) CH 36 5180MHz		10360	47.64	-20.56	68.2	55.36	39.8	16.35	63.87	100	0	P	H
		15540	44.95	-29.05	74	48.41	37.84	20.62	61.92	100	0	P	H
													H
													H
		10360	48.46	-19.74	68.2	56.18	39.8	16.35	63.87	100	0	P	V
		15540	45.76	-28.24	74	49.22	37.84	20.62	61.92	100	0	P	V
													V
													V
802.11ax HE20 (FULL RU) CH 44 5220MHz		10440	46.63	-21.57	68.2	54.04	39.96	16.4	63.77	100	0	P	H
		15660	44.36	-29.64	74	48.3	37.42	20.6	61.96	100	0	P	H
													H
													H
		10440	47.62	-20.58	68.2	55.03	39.96	16.4	63.77	100	0	P	V
		15660	44.74	-29.26	74	48.68	37.42	20.6	61.96	100	0	P	V
													V
													V
802.11ax HE20 (FULL RU) CH 48 5240MHz		10480	45.58	-22.62	68.2	52.95	39.92	16.43	63.72	100	0	P	H
		15720	43.8	-30.2	74	47.93	37.28	20.58	61.99	100	0	P	H
													H
													H
		10480	45.97	-22.23	68.2	53.34	39.92	16.43	63.72	100	0	P	V
		15720	44.22	-29.78	74	48.35	37.28	20.58	61.99	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40(FULL RU) (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 RU) CH 38 5190MHz		5147.94	67.2	-6.8	74	58.19	31.8	10.03	32.82	100	23	P	H
		5150	46.81	-7.19	54	37.79	31.8	10.03	32.81	100	23	A	H
	*	5190	106.74	-	-	97.89	31.56	10.08	32.79	100	23	P	H
	*	5190	96.03	-	-	87.18	31.56	10.08	32.79	100	23	A	H
		5405.96	50.04	-23.96	74	40.92	31.61	10.16	32.65	100	23	P	H
		5459.44	39.57	-14.43	54	30.21	31.74	10.24	32.62	100	23	A	H
		5150	63.69	-10.31	74	54.67	31.8	10.03	32.81	100	113	P	V
		5150	46.48	-7.52	54	37.46	31.8	10.03	32.81	100	113	A	V
	*	5190	101.35	-	-	92.5	31.56	10.08	32.79	100	113	P	V
	*	5190	90.98	-	-	82.13	31.56	10.08	32.79	100	113	A	V
		5456.36	49.89	-24.11	74	40.54	31.73	10.24	32.62	100	113	P	V
		5459.72	39.5	-14.5	54	30.14	31.74	10.24	32.62	100	113	A	V
802.11ax HE40 (FULL RU) CH 46 5230MHz		5144.04	57.88	-16.12	74	48.87	31.8	10.03	32.82	100	26	P	H
		5150	46.12	-7.88	54	37.1	31.8	10.03	32.81	100	26	A	H
	*	5230	109.49	-	-	100.71	31.44	10.1	32.76	100	26	P	H
	*	5230	98.62	-	-	89.84	31.44	10.1	32.76	100	26	A	H
		5351.04	49.31	-24.69	74	40.55	31.31	10.14	32.69	100	26	P	H
		5457.36	39.85	-14.15	54	30.5	31.73	10.24	32.62	100	26	A	H
		5144.56	51.89	-22.11	74	42.88	31.8	10.03	32.82	100	92	P	V
		5150	42.34	-11.66	54	33.32	31.8	10.03	32.81	100	92	A	V
	*	5230	103.29	-	-	94.51	31.44	10.1	32.76	100	92	P	V
	*	5230	92.8	-	-	84.02	31.44	10.1	32.76	100	92	A	V
		5355.84	49.73	-24.27	74	40.93	31.34	10.14	32.68	100	92	P	V
		5457.84	39.78	-14.22	54	30.43	31.73	10.24	32.62	100	92	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40(FULL RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 (FULL RU) CH 38 5190MHz		10380	45.87	-22.33	68.2	53.44	39.9	16.37	63.84	100	0	P	H
		15570	43.73	-30.27	74	47.32	37.72	20.62	61.93	100	0	P	H
													H
													H
		10380	46.43	-21.77	68.2	54	39.9	16.37	63.84	100	0	P	V
		15570	44.48	-29.52	74	48.07	37.72	20.62	61.93	100	0	P	V
													V
													V
802.11ax HE40 (FULL RU) CH 46 5230MHz		10460	45.45	-22.75	68.2	52.84	39.94	16.42	63.75	100	0	P	H
		15690	43.87	-30.13	74	47.93	37.33	20.59	61.98	100	0	P	H
													H
													H
		10460	46.49	-21.71	68.2	53.88	39.94	16.42	63.75	100	0	P	V
		15690	44.64	-29.36	74	48.7	37.33	20.59	61.98	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80(FULL RU) (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 RU) CH 42 5210MHz		5147.94	66.97	-7.03	74	57.96	31.8	10.03	32.82	100	60	P	H
		5149.76	47.06	-6.94	54	38.04	31.8	10.03	32.81	100	60	A	H
	*	5210	103.13	-	-	94.34	31.48	10.09	32.78	100	60	P	H
	*	5210	92.97	-	-	84.18	31.48	10.09	32.78	100	60	A	H
		5363.8	49.54	-24.46	74	40.7	31.38	10.14	32.68	100	60	P	H
		5458.7	39.57	-14.43	54	30.22	31.73	10.24	32.62	100	60	A	H
		5148.2	59.32	-14.68	74	50.31	31.8	10.03	32.82	100	114	P	V
		5150	42.95	-11.05	54	33.93	31.8	10.03	32.81	100	114	A	V
	*	5210	98.25	-	-	89.46	31.48	10.09	32.78	100	114	P	V
	*	5210	86.99	-	-	78.2	31.48	10.09	32.78	100	114	A	V
		5441.28	50.28	-23.72	74	41.02	31.68	10.21	32.63	100	114	P	V
		5458.96	39.53	-14.47	54	30.17	31.74	10.24	32.62	100	114	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80(FULL RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 (FULL RU) CH 42 5210MHz		10420	45.84	-22.36	68.2	53.27	39.98	16.39	63.8	100	0	P	H
		15630	44.01	-29.99	74	47.85	37.51	20.6	61.95	100	0	P	H
													H
													H
		10420	46.28	-21.92	68.2	53.71	39.98	16.39	63.8	100	0	P	V
		15630	44.41	-29.59	74	48.25	37.51	20.6	61.95	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20(Partial RU) (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 (RU 26/0) CH 36 5180MHz		5147.16	60.9	-13.1	74	51.89	31.8	10.03	32.82	100	9	P	H
		5145.34	49.57	-4.43	54	40.56	31.8	10.03	32.82	100	9	A	H
	*	5180	118.25	-	-	109.35	31.62	10.07	32.79	100	9	P	H
	*	5180	110.91	-	-	102.01	31.62	10.07	32.79	100	9	A	H
													H
													H
		5143.26	58.67	-15.33	74	49.66	31.8	10.03	32.82	100	85	P	V
		5146.12	44.11	-9.89	54	35.1	31.8	10.03	32.82	100	85	A	V
	*	5180	111.28	-	-	102.38	31.62	10.07	32.79	100	85	P	V
	*	5180	105.14	-	-	96.24	31.62	10.07	32.79	100	85	A	V
													V
													V
802.11ax HE20 (RU 52/37) CH 36 5180MHz		5148.98	59.09	-14.91	74	50.07	31.8	10.03	32.81	100	19	P	H
		5150	48.07	-5.93	54	39.05	31.8	10.03	32.81	100	19	A	H
	*	5180	116.46	-	-	107.56	31.62	10.07	32.79	100	19	P	H
	*	5180	107.93	-	-	99.03	31.62	10.07	32.79	100	19	A	H
													H
													H
		5142.48	57.51	-16.49	74	48.5	31.8	10.03	32.82	100	107	P	V
		5150	43.79	-10.21	54	34.77	31.8	10.03	32.81	100	107	A	V
	*	5180	111.22	-	-	102.32	31.62	10.07	32.79	100	107	P	V
	*	5180	103.62	-	-	94.72	31.62	10.07	32.79	100	107	A	V
													V
													V

802.11ax HE20 (RU 106/53) CH 36 5180MHz		5147.68	54.8	-19.2	74	45.79	31.8	10.03	32.82	100	8	P	H
		5150	45.34	-8.66	54	36.32	31.8	10.03	32.81	100	8	A	H
	*	5180	115.58	-	-	106.68	31.62	10.07	32.79	100	8	P	H
	*	5180	106.4	-	-	97.5	31.62	10.07	32.79	100	8	A	H
													H
													H
		5054.34	52.64	-21.36	74	44.06	31.53	9.93	32.88	106	100	P	V
		5150	41.77	-12.23	54	32.75	31.8	10.03	32.81	106	100	A	V
	*	5180	108.2	-	-	99.3	31.62	10.07	32.79	106	100	P	V
	*	5180	99.57	-	-	90.67	31.62	10.07	32.79	106	100	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20(Partial RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (RU 26/0) CH 36 5180MHz		10360	44.47	-23.73	68.2	52.19	39.8	16.35	63.87	100	0	P	H
		15540	44	-30	74	47.46	37.84	20.62	61.92	100	0	P	H
													H
													H
		10360	45.36	-22.84	68.2	53.08	39.8	16.35	63.87	100	0	P	V
		15540	44.46	-29.54	74	47.92	37.84	20.62	61.92	100	0	P	V
													V
													V
802.11ax HE20 (RU 52/37) CH 36 5180MHz		10360	44.82	-23.38	68.2	52.54	39.8	16.35	63.87	100	0	P	H
		15540	43.45	-30.55	74	46.91	37.84	20.62	61.92	100	0	P	H
													H
													H
		10360	45.01	-23.19	68.2	52.73	39.8	16.35	63.87	100	0	P	V
		15540	43.92	-30.08	74	47.38	37.84	20.62	61.92	100	0	P	V
													V
													V
802.11ax HE20 (RU 106/53) CH 36 5180MHz		10360	45.35	-22.85	68.2	53.07	39.8	16.35	63.87	100	0	P	H
		15540	43.86	-30.14	74	47.32	37.84	20.62	61.92	100	0	P	H
													H
													H
		10360	44.29	-23.91	68.2	52.01	39.8	16.35	63.87	100	0	P	V
		15540	42.69	-31.31	74	46.15	37.84	20.62	61.92	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40(Partial RU) (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 (RU 242/61) CH 38 5190MHz		5149.76	60.66	-13.34	74	51.64	31.8	10.03	32.81	101	9	P	H
		5144.82	46.86	-7.14	54	37.85	31.8	10.03	32.82	101	9	A	H
	*	5190	111.57	-	-	102.72	31.56	10.08	32.79	101	9	P	H
	*	5190	102.7	-	-	93.85	31.56	10.08	32.79	101	9	A	H
		5376	50.48	-23.52	74	41.55	31.46	10.14	32.67	101	9	P	H
		5457.76	40.31	-13.69	54	30.96	31.73	10.24	32.62	101	9	A	H
		5039.78	51.35	-22.65	74	42.86	31.46	9.91	32.88	101	99	P	V
		5146.64	42.05	-11.95	54	33.04	31.8	10.03	32.82	101	99	A	V
	*	5190	103.06	-	-	94.21	31.56	10.08	32.79	101	99	P	V
	*	5190	95.97	-	-	87.12	31.56	10.08	32.79	101	99	A	V
		5396.44	49.44	-24.56	74	40.37	31.58	10.15	32.66	101	99	P	V
		5459.72	40.41	-13.59	54	31.05	31.74	10.24	32.62	101	99	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40(Partial RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 (RU 242/61) CH 38 5190MHz		10380	45.87	-22.33	68.2	53.44	39.9	16.37	63.84	100	0	P	H
		15570	43.73	-30.27	74	47.32	37.72	20.62	61.93	100	0	P	H
													H
													H
		10380	46.43	-21.77	68.2	54	39.9	16.37	63.84	100	0	P	V
		15570	44.48	-29.52	74	48.07	37.72	20.62	61.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80(Partial RU) (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 (RU 484/65) CH 42 5210MHz		5145.34	53.1	-20.9	74	44.09	31.8	10.03	32.82	100	27	P	H
		5149.76	44.78	-9.22	54	35.76	31.8	10.03	32.81	100	27	A	H
	*	5210	107.54	-	-	98.75	31.48	10.09	32.78	100	27	P	H
	*	5210	97.26	-	-	88.47	31.48	10.09	32.78	100	27	A	H
		5381.48	50.13	-23.87	74	41.17	31.49	10.14	32.67	100	27	P	H
		5454.28	40.66	-13.34	54	31.33	31.72	10.23	32.62	100	27	A	H
		5126.62	52.41	-21.59	74	43.43	31.8	10.01	32.83	100	100	P	V
		5146.9	42.18	-11.82	54	33.17	31.8	10.03	32.82	100	100	A	V
	*	5210	99.9	-	-	91.11	31.48	10.09	32.78	100	100	P	V
	*	5210	90.72	-	-	81.93	31.48	10.09	32.78	100	100	A	V
		5352.88	50.38	-23.62	74	41.6	31.32	10.14	32.68	100	100	P	V
		5458.18	40.69	-13.31	54	31.34	31.73	10.24	32.62	100	100	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80(Partial RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 (RU 484/65) CH 42 5210MHz		10420	45.86	-22.34	68.2	53.29	39.98	16.39	63.8	100	0	P	H
		15630	44.02	-29.98	74	47.86	37.51	20.6	61.95	100	0	P	H
													H
													H
		10420	44.3	-23.9	68.2	51.73	39.98	16.39	63.8	100	0	P	V
		15630	43.37	-30.63	74	47.21	37.51	20.6	61.95	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 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5078.2	50	-24	74	41.23	31.67	9.96	32.86	104	20	P	H
		5099.62	40.55	-13.45	54	31.62	31.8	9.98	32.85	104	20	A	H
	*	5260	106.89	-	-	98.12	31.4	10.11	32.74	104	20	P	H
	*	5260	98.77	-	-	90	31.4	10.11	32.74	104	20	A	H
		5419.92	48.84	-25.16	74	39.66	31.64	10.18	32.64	104	20	P	H
		5459.52	39.65	-14.35	54	30.29	31.74	10.24	32.62	104	20	A	H
		5104.72	52.13	-21.87	74	43.18	31.8	9.99	32.84	129	19	P	V
		5105.4	41.03	-12.97	54	32.08	31.8	9.99	32.84	129	19	A	V
	*	5260	111.06	-	-	102.29	31.4	10.11	32.74	129	19	P	V
	*	5260	103.13	-	-	94.36	31.4	10.11	32.74	129	19	A	V
		5399.04	49.9	-24.1	74	40.81	31.59	10.15	32.65	129	19	P	V
		5457.6	39.71	-14.29	54	30.36	31.73	10.24	32.62	129	19	A	V
802.11a CH 60 5300MHz		5083.3	49.98	-24.02	74	41.18	31.7	9.96	32.86	100	18	P	H
		5088.74	40.57	-13.43	54	31.72	31.73	9.97	32.85	100	18	A	H
	*	5300	107.34	-	-	98.54	31.4	10.12	32.72	100	18	P	H
	*	5300	99.2	-	-	90.4	31.4	10.12	32.72	100	18	A	H
		5437.44	50.23	-23.77	74	40.98	31.67	10.21	32.63	100	18	P	H
		5458.32	39.68	-14.32	54	30.33	31.73	10.24	32.62	100	18	A	H
		5014.28	50.22	-23.78	74	41.87	31.36	9.89	32.9	129	19	P	V
		5145.86	40.92	-13.08	54	31.91	31.8	10.03	32.82	129	19	A	V
	*	5300	111.54	-	-	102.74	31.4	10.12	32.72	129	19	P	V
	*	5300	103.56	-	-	94.76	31.4	10.12	32.72	129	19	A	V
		5433.84	49.04	-24.96	74	39.8	31.67	10.2	32.63	129	19	P	V
		5458.8	39.91	-14.09	54	30.55	31.74	10.24	32.62	129	19	A	V

802.11a CH 64 5320MHz	*	5320	106.81	-	-	98.03	31.36	10.13	32.71	100	17	P	H
	*	5320	98.86	-	-	90.08	31.36	10.13	32.71	100	17	A	H
		5384	49.19	-24.81	74	40.2	31.5	10.15	32.66	100	17	P	H
		5459.84	39.69	-14.31	54	30.33	31.74	10.24	32.62	100	17	A	H
													H
													H
	*	5320	111.68	-	-	102.9	31.36	10.13	32.71	123	18	P	V
	*	5320	103.36	-	-	94.58	31.36	10.13	32.71	123	18	A	V
		5396.48	49.67	-24.33	74	40.6	31.58	10.15	32.66	123	18	P	V
		5350.08	40.49	-13.51	54	31.74	31.3	10.14	32.69	123	18	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	44.75	-23.45	68.2	52.08	39.9	16.46	63.69	100	0	P	H
		15780	42.75	-31.25	74	46.97	37.22	20.57	62.01	100	0	P	H
													H
													H
		10520	43.03	-25.17	68.2	50.36	39.9	16.46	63.69	100	0	P	V
		15780	43	-31	74	47.22	37.22	20.57	62.01	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	43.77	-30.23	74	51	39.9	16.51	63.64	100	0	P	H
		15900	42.2	-31.8	74	46.82	36.9	20.54	62.06	100	0	P	H
													H
													H
		10600	42.12	-31.88	74	49.35	39.9	16.51	63.64	100	0	P	V
		15900	41.35	-32.65	74	45.97	36.9	20.54	62.06	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	44.43	-29.57	74	51.69	39.82	16.54	63.62	100	0	P	H
		15960	42.4	-31.6	74	47.17	36.78	20.53	62.08	100	0	P	H
													H
													H
		10640	43.86	-30.14	74	51.12	39.82	16.54	63.62	100	0	P	V
		15960	41.17	-32.83	74	45.94	36.78	20.53	62.08	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 RU) (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 (FULL RU) CH 52 5260MHz		5093.84	49.67	-24.33	74	40.79	31.76	9.97	32.85	100	13	P	H
		5113.9	40.9	-13.1	54	31.94	31.8	10	32.84	100	13	A	H
	*	5260	111.13	-	-	102.36	31.4	10.11	32.74	100	13	P	H
	*	5260	100.79	-	-	92.02	31.4	10.11	32.74	100	13	A	H
		5378.16	48.97	-25.03	74	40.03	31.47	10.14	32.67	100	13	P	H
		5460	39.69	-14.31	54	30.33	31.74	10.24	32.62	100	13	A	H
		5119	50.17	-23.83	74	41.2	31.8	10	32.83	100	91	P	V
		5102.34	40.54	-13.46	54	31.6	31.8	9.98	32.84	100	91	A	V
	*	5260	105.28	-	-	96.51	31.4	10.11	32.74	100	91	P	V
	*	5260	95.16	-	-	86.39	31.4	10.11	32.74	100	91	A	V
		5379.36	49.42	-24.58	74	40.47	31.48	10.14	32.67	100	91	P	V
		5458.32	39.56	-14.44	54	30.21	31.73	10.24	32.62	100	91	A	V
802.11ax HE20 (FULL RU) CH 60 5300MHz		5145.86	49.97	-24.03	74	40.96	31.8	10.03	32.82	100	15	P	H
		5143.14	40.76	-13.24	54	31.75	31.8	10.03	32.82	100	15	A	H
	*	5300	110.07	-	-	101.27	31.4	10.12	32.72	100	15	P	H
	*	5300	100.77	-	-	91.97	31.4	10.12	32.72	100	15	A	H
		5351.52	50.81	-23.19	74	42.05	31.31	10.14	32.69	100	15	P	H
		5350.08	40.24	-13.76	54	31.49	31.3	10.14	32.69	100	15	A	H
		5044.88	50.35	-23.65	74	41.83	31.48	9.92	32.88	100	92	P	V
		5104.04	40.51	-13.49	54	31.57	31.8	9.98	32.84	100	92	A	V
	*	5300	104.75	-	-	95.95	31.4	10.12	32.72	100	92	P	V
	*	5300	95.34	-	-	86.54	31.4	10.12	32.72	100	92	A	V
		5398.8	48.9	-25.1	74	39.81	31.59	10.15	32.65	100	92	P	V
		5459.28	39.69	-14.31	54	30.33	31.74	10.24	32.62	100	92	A	V

802.11ax HE20 (FULL RU) CH 64 5320MHz	*	5320	101.05	-	-	92.27	31.36	10.13	32.71	106	60	P	H
	*	5320	100.79	-	-	92.01	31.36	10.13	32.71	106	60	A	H
		5350.72	65.16	-8.84	74	56.41	31.3	10.14	32.69	106	60	P	H
		5350.08	50.26	-3.74	54	41.51	31.3	10.14	32.69	106	60	A	H
													H
													H
	*	5320	105.4	-	-	96.62	31.36	10.13	32.71	100	113	P	V
	*	5320	95.16	-	-	86.38	31.36	10.13	32.71	100	113	A	V
		5350.4	60.1	-13.9	74	51.35	31.3	10.14	32.69	100	113	P	V
		5350.24	45.99	-8.01	54	37.24	31.3	10.14	32.69	100	113	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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (FULL RU) CH 52 5260MHz		10520	45.77	-22.43	68.2	53.1	39.9	16.46	63.69	100	0	P	H
		15780	44.4	-29.6	74	48.62	37.22	20.57	62.01	100	0	P	H
													H
													H
		10520	46.28	-21.92	68.2	53.61	39.9	16.46	63.69	100	0	P	V
		15780	43.32	-30.68	74	47.54	37.22	20.57	62.01	100	0	P	V
													V
													V
802.11ax HE20 (FULL RU) CH 60 5300MHz		10600	44	-30	74	51.23	39.9	16.51	63.64	100	0	P	H
		15900	43.37	-30.63	74	47.99	36.9	20.54	62.06	100	0	P	H
													H
													H
		10600	45.32	-28.68	74	52.55	39.9	16.51	63.64	100	0	P	V
		15900	42.46	-31.54	74	47.08	36.9	20.54	62.06	100	0	P	V
													V
													V
802.11ax HE20 (FULL RU) CH 64 5320MHz		10640	44.55	-29.45	74	51.81	39.82	16.54	63.62	100	0	P	H
		15960	42.52	-31.48	74	47.29	36.78	20.53	62.08	100	0	P	H
													H
													H
		10640	45.98	-28.02	74	53.24	39.82	16.54	63.62	100	0	P	V
		15960	43.18	-30.82	74	47.95	36.78	20.53	62.08	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 RU) (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 RU) CH 54 5270MHz		5113.9	50.97	-23.03	74	42.01	31.8	10	32.84	100	25	P	H
		5149.94	40.94	-13.06	54	31.92	31.8	10.03	32.81	100	25	A	H
	*	5270	107.92	-	-	99.15	31.4	10.11	32.74	100	25	P	H
	*	5270	98.32	-	-	89.55	31.4	10.11	32.74	100	25	A	H
		5354.88	53.64	-20.36	74	44.85	31.33	10.14	32.68	100	25	P	H
		5350.08	43.7	-10.3	54	34.95	31.3	10.14	32.69	100	25	A	H
		5099.28	49.67	-24.33	74	40.74	31.8	9.98	32.85	100	97	P	V
		5105.74	40.59	-13.41	54	31.64	31.8	9.99	32.84	100	97	A	V
	*	5270	103.36	-	-	94.59	31.4	10.11	32.74	100	97	P	V
	*	5270	92.38	-	-	83.61	31.4	10.11	32.74	100	97	A	V
		5357.52	53.07	-20.93	74	44.26	31.35	10.14	32.68	100	97	P	V
		5350.32	40.58	-13.42	54	31.83	31.3	10.14	32.69	100	97	A	V
802.11ax HE40 (FULL RU) CH 62 5310MHz		5109.48	51.32	-22.68	74	42.37	31.8	9.99	32.84	109	18	P	H
		5093.5	40.62	-13.38	54	31.74	31.76	9.97	32.85	109	18	A	H
	*	5310	106.07	-	-	97.28	31.38	10.12	32.71	109	18	P	H
	*	5310	95.83	-	-	87.04	31.38	10.12	32.71	109	18	A	H
		5350.08	66.57	-7.43	74	57.82	31.3	10.14	32.69	109	18	P	H
		5350.32	49.8	-4.2	54	41.05	31.3	10.14	32.69	109	18	A	H
		5103.02	51.54	-22.46	74	42.6	31.8	9.98	32.84	109	98	P	V
		5094.52	40.52	-13.48	54	31.63	31.77	9.97	32.85	109	98	A	V
	*	5310	100.83	-	-	92.04	31.38	10.12	32.71	109	98	P	V
	*	5310	90.3	-	-	81.51	31.38	10.12	32.71	109	98	A	V
		5351.52	59.48	-14.52	74	50.72	31.31	10.14	32.69	109	98	P	V
		5350.08	44.53	-9.47	54	35.78	31.3	10.14	32.69	109	98	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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 (FULL RU) CH 54 5270MHz		10540	46.06	-22.14	68.2	53.37	39.9	16.47	63.68	100	0	P	H
		15810	44.33	-29.67	74	48.62	37.17	20.56	62.02	100	0	P	H
													H
													H
		10540	45.91	-22.29	68.2	53.22	39.9	16.47	63.68	100	0	P	V
		15810	43.61	-30.39	74	47.9	37.17	20.56	62.02	100	0	P	V
													V
													V
802.11ax HE40 (FULL RU) CH 62 5310MHz		10620	46.25	-27.75	74	53.5	39.86	16.52	63.63	100	0	P	H
		15930	44.47	-29.53	74	49.16	36.84	20.54	62.07	100	0	P	H
													H
													H
		10620	46.31	-27.69	74	53.56	39.86	16.52	63.63	100	0	P	V
		15930	43.09	-30.91	74	47.78	36.84	20.54	62.07	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 RU) (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 RU) CH 58 5290MHz		5101.1	50.77	-23.23	74	41.84	31.8	9.98	32.85	100	20	P	H
		5150	41.16	-12.84	54	32.14	31.8	10.03	32.81	100	20	A	H
	*	5290	103.63	-	-	94.83	31.4	10.12	32.72	100	20	P	H
	*	5290	92.98	-	-	84.18	31.4	10.12	32.72	100	20	A	H
		5353.44	64.01	-9.99	74	55.23	31.32	10.14	32.68	100	20	P	H
		5350.08	48.59	-5.41	54	39.84	31.3	10.14	32.69	100	20	A	H
		5078.6	50.32	-23.68	74	41.55	31.67	9.96	32.86	100	83	P	V
		5101.1	40.64	-13.36	54	31.71	31.8	9.98	32.85	100	83	A	V
	*	5290	97.35	-	-	88.55	31.4	10.12	32.72	100	83	P	V
	*	5290	87.21	-	-	78.41	31.4	10.12	32.72	100	83	A	V
		5356.8	55.82	-18.18	74	47.02	31.34	10.14	32.68	100	83	P	V
		5350.08	44.02	-9.98	54	35.27	31.3	10.14	32.69	100	83	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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 (FULL RU) CH 58 5290MHz		10580	44.37	-23.83	68.2	51.62	39.9	16.5	63.65	100	0	P	H
		15870	44.08	-29.92	74	48.59	36.99	20.55	62.05	100	0	P	H
													H
													H
		10580	44.7	-23.5	68.2	51.95	39.9	16.5	63.65	100	0	P	V
		15870	42.64	-31.36	74	47.15	36.99	20.55	62.05	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(Partial RU) (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 (RU 26/4) CH 52 5260MHz		5106.08	51.16	-22.84	74	42.21	31.8	9.99	32.84	100	8	P	H
		5105.74	43.78	-10.22	54	34.83	31.8	9.99	32.84	100	8	A	H
	*	5260	117.97	-	-	109.2	31.4	10.11	32.74	100	8	P	H
	*	5260	110.26	-	-	101.49	31.4	10.11	32.74	100	8	A	H
		5439.36	50.62	-23.38	74	41.36	31.68	10.21	32.63	100	8	P	H
		5412.72	40.44	-13.56	54	31.29	31.63	10.17	32.65	100	8	A	H
		5050.32	50.73	-23.27	74	42.18	31.5	9.93	32.88	100	99	P	V
		5105.4	41.68	-12.32	54	32.73	31.8	9.99	32.84	100	99	A	V
	*	5260	112.79	-	-	104.02	31.4	10.11	32.74	100	99	P	V
	*	5260	104.5	-	-	95.73	31.4	10.11	32.74	100	99	A	V
		5414.16	50.12	-23.88	74	40.96	31.63	10.17	32.64	100	99	P	V
		5456.88	40.4	-13.6	54	31.05	31.73	10.24	32.62	100	99	A	V
802.11ax HE20 (RU 26/8) CH 64 5320MHz	*	5320	116.82	-	-	108.04	31.36	10.13	32.71	301	8	P	H
	*	5320	110.14	-	-	101.36	31.36	10.13	32.71	301	8	A	H
		5356.16	64.91	-9.09	74	56.11	31.34	10.14	32.68	301	8	P	H
		5356.16	49.72	-4.28	54	40.92	31.34	10.14	32.68	301	8	A	H
													H
													H
	*	5320	112.04	-	-	103.26	31.36	10.13	32.71	103	91	P	V
	*	5320	105.38	-	-	96.6	31.36	10.13	32.71	103	91	A	V
		5352	60.69	-13.31	74	51.92	31.31	10.14	32.68	103	91	P	V
		5356.32	45.25	-8.75	54	36.45	31.34	10.14	32.68	103	91	A	V
													V
													V

802.11ax HE20 (RU 52/40) CH 64 5320MHz	*	5320	115.63	-	-	106.85	31.36	10.13	32.71	300	27	P	H
	*	5320	107.39	-	-	98.61	31.36	10.13	32.71	300	27	A	H
		5414.4	58.88	-15.12	74	49.72	31.63	10.17	32.64	300	27	P	H
		5351.04	44.86	-9.14	54	36.1	31.31	10.14	32.69	300	27	A	H
													H
													H
	*	5320	110.36	-	-	101.58	31.36	10.13	32.71	100	98	P	V
	*	5320	102.07	-	-	93.29	31.36	10.13	32.71	100	98	A	V
		5351.68	54.48	-19.52	74	45.71	31.31	10.14	32.68	100	98	P	V
		5351.36	41.73	-12.27	54	32.97	31.31	10.14	32.69	100	98	A	V
													V
													V
802.11ax HE20 (RU 106/54) CH 64 5320MHz	*	5320	113.73	-	-	104.95	31.36	10.13	32.71	300	26	P	
	*	5320	104.89	-	-	96.11	31.36	10.13	32.71	300	26	A	
		5354.4	52.49	-21.51	74	43.7	31.33	10.14	32.68	300	26	P	
		5350.4	41.26	-12.74	54	32.51	31.3	10.14	32.69	300	26	A	
	*	5320	108.13	-	-	99.35	31.36	10.13	32.71	100	105	P	
	*	5320	99.88	-	-	91.1	31.36	10.13	32.71	100	105	A	
		5352.32	51.93	-22.07	74	43.16	31.31	10.14	32.68	100	105	P	
		5449.12	40.51	-13.49	54	31.2	31.7	10.23	32.62	100	105	A	
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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (RU 26/4) CH 52 5260MHz		10520	45.77	-22.43	68.2	53.1	39.9	16.46	63.69	100	0	P	H
		15780	44.4	-29.6	74	48.62	37.22	20.57	62.01	100	0	P	H
													H
													H
		10520	44.82	-23.38	68.2	52.15	39.9	16.46	63.69	100	0	P	V
		15780	43.4	-30.6	74	47.62	37.22	20.57	62.01	100	0	P	V
													V
													V
802.11ax HE20 (RU 26/8) CH 64 5320MHz		10640	44.84	-29.16	74	52.1	39.82	16.54	63.62	100	0	P	H
		15960	43.15	-30.85	74	47.92	36.78	20.53	62.08	100	0	P	H
													H
													H
		10640	44.63	-29.37	74	51.89	39.82	16.54	63.62	100	0	P	V
		15960	43.53	-30.47	74	48.3	36.78	20.53	62.08	100	0	P	V
													V
													V
802.11ax HE20 (RU 52/40) CH 64 5320MHz		10640	43.39	-30.61	74	50.65	39.82	16.54	63.62	100	0	P	H
		15960	41.82	-32.18	74	46.59	36.78	20.53	62.08	100	0	P	H
													H
													H
		10640	44.05	-29.95	74	51.31	39.82	16.54	63.62	100	0	P	V
		15960	41.06	-32.94	74	45.83	36.78	20.53	62.08	100	0	P	V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (RU 106/54) CH 64 5320MHz		10640	44.25	-29.75	74	51.51	39.82	16.54	63.62	100	0	P	H
		15960	41.67	-32.33	74	46.44	36.78	20.53	62.08	100	0	P	H
													H
													H
		10640	43.44	-30.56	74	50.7	39.82	16.54	63.62	100	0	P	V
		15960	41.71	-32.29	74	46.48	36.78	20.53	62.08	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(Partial RU) (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 (RU 242/62) CH 62 5310MHz		5117.3	50.75	-23.25	74	41.78	31.8	10	32.83	130	16	P	H
		5062.22	41.65	-12.35	54	33.01	31.57	9.94	32.87	130	16	A	H
	*	5310	110.32	-	-	101.53	31.38	10.12	32.71	130	16	P	H
	*	5310	100.88	-	-	92.09	31.38	10.12	32.71	130	16	A	H
		5365.92	53.99	-20.01	74	45.13	31.4	10.14	32.68	130	16	P	H
		5351.04	48.02	-5.98	54	39.26	31.31	10.14	32.69	130	16	A	H
		5120.7	51.73	-22.27	74	42.76	31.8	10	32.83	100	96	P	V
		5106.08	41.57	-12.43	54	32.62	31.8	9.99	32.84	100	96	A	V
	*	5310	104.93	-	-	96.14	31.38	10.12	32.71	100	96	P	V
	*	5310	96.01	-	-	87.22	31.38	10.12	32.71	100	96	A	V
		5361.6	53.15	-20.85	74	44.32	31.37	10.14	32.68	100	96	P	V
		5352.48	42.44	-11.56	54	33.67	31.31	10.14	32.68	100	96	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(Partial RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 (RU 242/62) CH 62 5310MHz		10640	44.25	-29.75	74	51.51	39.82	16.54	63.62	100	0	P	H
		15960	41.67	-32.33	74	46.44	36.78	20.53	62.08	100	0	P	H
													H
													H
		10640	43.44	-30.56	74	50.7	39.82	16.54	63.62	100	0	P	V
		15960	41.71	-32.29	74	46.48	36.78	20.53	62.08	100	0	P	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80(Partial RU) (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 (RU 484/66) CH 58 5290MHz		5084.3	51.88	-22.12	74	43.07	31.71	9.96	32.86	100	16	P	H
		5108.3	41.83	-12.17	54	32.88	31.8	9.99	32.84	100	16	A	H
	*	5290	107.91	-	-	99.11	31.4	10.12	32.72	100	16	P	H
	*	5290	98.7	-	-	89.9	31.4	10.12	32.72	100	16	A	H
		5366.4	60.38	-13.62	74	51.52	31.4	10.14	32.68	100	16	P	H
		5351.52	49.27	-4.73	54	40.51	31.31	10.14	32.69	100	16	A	H
		5137.7	52.26	-21.74	74	43.26	31.8	10.02	32.82	100	97	P	V
		5082.2	41.68	-12.32	54	32.89	31.69	9.96	32.86	100	97	A	V
	*	5290	102.35	-	-	93.55	31.4	10.12	32.72	100	97	P	V
	*	5290	93.38	-	-	84.58	31.4	10.12	32.72	100	97	A	V
		5352.24	52.39	-21.61	74	43.62	31.31	10.14	32.68	100	97	P	V
		5350.32	41.95	-12.05	54	33.2	31.3	10.14	32.69	100	97	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(Partial RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 (RU 484/66) CH 58 5290MHz		10580	44.36	-23.84	68.2	51.61	39.9	16.5	63.65	100	0	P	H
		15870	44.08	-29.92	74	48.59	36.99	20.55	62.05	100	0	P	H
													H
													H
		10580	43.81	-24.39	68.2	51.06	39.9	16.5	63.65	100	0	P	V
		15870	42.16	-31.84	74	46.67	36.99	20.55	62.05	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5407.6	50.19	-23.81	74	41.06	31.62	10.16	32.65	105	33	P	H
		5466.32	49.62	-18.58	68.2	40.21	31.77	10.25	32.61	105	33	P	H
		5460	39.65	-14.35	54	30.29	31.74	10.24	32.62	105	33	A	H
	*	5500	105.94	-	-	96.32	31.9	10.31	32.59	105	33	P	H
	*	5500	97.91	-	-	88.29	31.9	10.31	32.59	105	33	A	H
													H
		5457.68	51.02	-22.98	74	41.67	31.73	10.24	32.62	150	9	P	V
		5469.68	49.58	-18.62	68.2	40.15	31.78	10.26	32.61	150	9	P	V
		5459.28	39.8	-14.2	54	30.44	31.74	10.24	32.62	150	9	A	V
	*	5500	111.1	-	-	101.48	31.9	10.31	32.59	150	9	P	V
	*	5500	102.93	-	-	93.31	31.9	10.31	32.59	150	9	A	V
													V
802.11a CH 116 5580MHz		5393.92	50.46	-23.54	74	41.41	31.56	10.15	32.66	101	33	P	H
		5467.36	48.87	-19.33	68.2	39.46	31.77	10.25	32.61	101	33	P	H
		5459.2	39.63	-14.37	54	30.27	31.74	10.24	32.62	101	33	A	H
	*	5580	104.22	-	-	94.5	31.86	10.43	32.57	101	33	P	H
	*	5580	95.72	-	-	86	31.86	10.43	32.57	101	33	A	H
		5750.195	51.53	-16.67	68.2	41.31	32.2	10.54	32.52	101	33	P	H
		5417.44	50.5	-23.5	74	41.33	31.63	10.18	32.64	164	11	P	V
		5467.36	49.94	-18.26	68.2	40.53	31.77	10.25	32.61	164	11	P	V
		5431.12	39.74	-14.26	54	30.51	31.66	10.2	32.63	164	11	A	V
	*	5580	108.72	-	-	99	31.86	10.43	32.57	164	11	P	V
	*	5580	100.94	-	-	91.22	31.86	10.43	32.57	164	11	A	V
		5759.645	51.32	-16.88	68.2	41.07	32.22	10.55	32.52	164	11	P	V

802.11a CH 140 5700MHz	*	5700	101.49	-	-	91.41	32.1	10.51	32.53	102	32	P	H
	*	5700	93.1	-	-	83.02	32.1	10.51	32.53	102	32	A	H
		5725.16	52.03	-16.17	68.2	41.88	32.15	10.53	32.53	102	32	P	H
													H
													H
													H
	*	5700	108.07	-	-	97.99	32.1	10.51	32.53	134	0	P	V
	*	5700	100.07	-	-	89.99	32.1	10.51	32.53	134	0	A	V
		5725.32	56.06	-12.14	68.2	45.91	32.15	10.53	32.53	134	0	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. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.18	-25.82	74	54.82	40	16.76	63.4	100	0	P	H
		16500	46.36	-21.84	68.2	49.07	38.4	21.19	62.3	100	0	P	H
													H
													H
		11000	45.8	-28.2	74	52.44	40	16.76	63.4	100	0	P	V
		16500	45.37	-22.83	68.2	48.08	38.4	21.19	62.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.04	-26.96	74	54	39.48	16.99	63.43	100	0	P	H
		16740	46.11	-22.09	68.2	47.38	39.38	21.51	62.16	100	0	P	H
													H
													H
		11160	46.43	-27.57	74	53.39	39.48	16.99	63.43	100	0	P	V
		16740	45.92	-22.28	68.2	47.19	39.38	21.51	62.16	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	46.27	-27.73	74	52.71	39.7	17.34	63.48	100	0	P	H
		17100	47.17	-21.03	68.2	47.38	39.7	21.95	61.86	100	0	P	H
													H
													H
		11400	45.5	-28.5	74	51.94	39.7	17.34	63.48	100	0	P	V
		17100	46.07	-22.13	68.2	46.28	39.7	21.95	61.86	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 802.11ax HE20(FULL RU) (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 (FULL RU) CH 100 5500MHz		5459.6	58.59	-15.41	74	49.23	31.74	10.24	32.62	267	32	P	H
		5468.88	63.03	-5.17	68.2	53.6	31.78	10.26	32.61	267	32	P	H
		5460	43.25	-10.75	54	33.89	31.74	10.24	32.62	267	32	A	H
	*	5500	109.81	-	-	100.19	31.9	10.31	32.59	267	32	P	H
	*	5500	100.03	-	-	90.41	31.9	10.31	32.59	267	32	A	H
													H
		5456.08	55.15	-18.85	74	45.81	31.72	10.24	32.62	100	79	P	V
		5467.6	61.5	-6.7	68.2	52.09	31.77	10.25	32.61	100	79	P	V
		5460	41.61	-12.39	54	32.25	31.74	10.24	32.62	100	79	A	V
	*	5500	106.28	-	-	96.66	31.9	10.31	32.59	100	79	P	V
	*	5500	96.93	-	-	87.31	31.9	10.31	32.59	100	79	A	V
													V
802.11ax HE20 (FULL RU) CH 116 5580MHz		5456.32	51.02	-22.98	74	41.67	31.73	10.24	32.62	100	332	P	H
		5461.36	49.68	-18.52	68.2	40.29	31.75	10.25	32.61	100	332	P	H
		5459.2	40.02	-13.98	54	30.66	31.74	10.24	32.62	100	332	A	H
	*	5580	110.28	-	-	100.56	31.86	10.43	32.57	100	332	P	H
	*	5580	99.73	-	-	90.01	31.86	10.43	32.57	100	332	A	H
		5732.24	51.69	-16.51	68.2	41.52	32.16	10.53	32.52	100	332	P	H
		5394.4	49.89	-24.11	74	40.83	31.57	10.15	32.66	100	83	P	V
		5469.04	48.94	-19.26	68.2	39.51	31.78	10.26	32.61	100	83	P	V
		5458.96	39.88	-14.12	54	30.52	31.74	10.24	32.62	100	83	A	V
	*	5580	105.71	-	-	95.99	31.86	10.43	32.57	100	83	P	V
	*	5580	96.02	-	-	86.3	31.86	10.43	32.57	100	83	A	V
		5734.76	50.91	-17.29	68.2	40.73	32.17	10.53	32.52	100	83	P	V

802.11ax HE20 (FULL RU) CH 140 5700MHz	*	5700	106.06	-	-	95.98	32.1	10.51	32.53	100	64	P	H
	*	5700	96.07	-	-	85.99	32.1	10.51	32.53	100	64	A	H
		5725.48	64.02	-4.18	68.2	53.87	32.15	10.53	32.53	100	64	P	H
													H
													H
													H
	*	5700	103.98	-	-	93.9	32.1	10.51	32.53	100	96	P	V
	*	5700	93.33	-	-	83.25	32.1	10.51	32.53	100	96	A	V
		5726.04	60.52	-7.68	68.2	50.37	32.15	10.53	32.53	100	96	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(FULL RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (FULL RU) CH 100 5500MHz		11000	45.95	-28.05	74	52.59	40	16.76	63.4	100	0	P	H
		16500	44.49	-23.71	68.2	47.2	38.4	21.19	62.3	100	0	P	H
													H
													H
		11000	46.91	-27.09	74	53.55	40	16.76	63.4	100	0	P	V
		16500	45.7	-22.5	68.2	48.41	38.4	21.19	62.3	100	0	P	V
													V
													V
802.11ax HE20 (FULL RU) CH 116 5580MHz		11160	46.98	-27.02	74	53.94	39.48	16.99	63.43	100	0	P	H
		16740	45.86	-22.34	68.2	47.13	39.38	21.51	62.16	100	0	P	H
													H
													H
		11160	46.88	-27.12	74	53.84	39.48	16.99	63.43	100	0	P	V
		16740	46.34	-21.86	68.2	47.61	39.38	21.51	62.16	100	0	P	V
													V
													V
802.11ax HE20 (FULL RU) CH 140 5700MHz		11400	46.91	-27.09	74	53.35	39.7	17.34	63.48	100	0	P	H
		17100	47.24	-20.96	68.2	47.45	39.7	21.95	61.86	100	0	P	H
													H
													H
		11400	46.71	-27.29	74	53.15	39.7	17.34	63.48	100	0	P	V
		17100	46.56	-21.64	68.2	46.77	39.7	21.95	61.86	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 802.11ax HE40(FULL RU) (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 RU) CH 102 5510MHz		5453.92	59.09	-14.91	74	49.76	31.72	10.23	32.62	100	330	P	H
		5465.92	63.41	-4.79	68.2	54.01	31.76	10.25	32.61	100	330	P	H
		5459.92	45.33	-8.67	54	35.97	31.74	10.24	32.62	100	330	A	H
	*	5510	104.87	-	-	95.26	31.88	10.32	32.59	100	330	P	H
	*	5510	95.04	-	-	85.43	31.88	10.32	32.59	100	330	A	H
		5759.645	50.96	-17.24	68.2	40.71	32.22	10.55	32.52	100	330	P	H
		5459.2	56.09	-17.91	74	46.73	31.74	10.24	32.62	100	83	P	V
		5467.6	60.7	-7.5	68.2	51.29	31.77	10.25	32.61	100	83	P	V
		5459.92	42.7	-11.3	54	33.34	31.74	10.24	32.62	100	83	A	V
	*	5510	101.49	-	-	91.88	31.88	10.32	32.59	100	83	P	V
	*	5510	91.16	-	-	81.55	31.88	10.32	32.59	100	83	A	V
		5749.25	51.88	-16.32	68.2	41.66	32.2	10.54	32.52	100	83	P	V
802.11ax HE40 (FULL RU) CH 110 5550MHz		5450.8	52.86	-21.14	74	43.55	31.7	10.23	32.62	100	331	P	H
		5468.08	56.03	-12.17	68.2	46.61	31.77	10.26	32.61	100	331	P	H
		5459.92	41.51	-12.49	54	32.15	31.74	10.24	32.62	100	331	A	H
	*	5550	108.16	-	-	98.56	31.8	10.38	32.58	100	331	P	H
	*	5550	96.57	-	-	86.97	31.8	10.38	32.58	100	331	A	H
		5735.705	50.76	-17.44	68.2	40.58	32.17	10.53	32.52	100	331	P	H
		5455.6	51.26	-22.74	74	41.92	31.72	10.24	32.62	100	84	P	V
		5468.32	53.1	-15.1	68.2	43.68	31.77	10.26	32.61	100	84	P	V
		5459.92	40.51	-13.49	54	31.15	31.74	10.24	32.62	100	84	A	V
	*	5550	103.62	-	-	94.02	31.8	10.38	32.58	100	84	P	V
	*	5550	93.02	-	-	83.42	31.8	10.38	32.58	100	84	A	V
		5746.415	50.46	-17.74	68.2	40.25	32.19	10.54	32.52	100	84	P	V

802.11ax HE40 (FULL RU) CH 134 5670MHz		5415.45	49.61	-24.39	74	40.45	31.63	10.17	32.64	100	332	P	H
		5465.5	49.09	-19.11	68.2	39.69	31.76	10.25	32.61	100	332	P	H
		5457.45	39.89	-14.11	54	30.54	31.73	10.24	32.62	100	332	A	H
	*	5670	105.31	-	-	95.43	31.92	10.5	32.54	100	332	P	H
	*	5670	95.45	-	-	85.57	31.92	10.5	32.54	100	332	A	H
		5725.975	58.76	-9.44	68.2	48.61	32.15	10.53	32.53	100	332	P	H
		5441.35	50.51	-23.49	74	41.25	31.68	10.21	32.63	100	82	P	V
		5461.65	49.75	-18.45	68.2	40.36	31.75	10.25	32.61	100	82	P	V
		5459.2	39.77	-14.23	54	30.41	31.74	10.24	32.62	100	82	A	V
	*	5670	103.42	-	-	93.54	31.92	10.5	32.54	100	82	P	V
	*	5670	93.06	-	-	83.18	31.92	10.5	32.54	100	82	A	V
		5727.2	60.8	-7.4	68.2	50.65	32.15	10.53	32.53	100	82	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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 (FULL RU) CH 102 5510MHz		11020	46.43	-27.57	74	53.12	39.92	16.79	63.4	100	0	P	H
		16530	45.21	-22.99	68.2	47.74	38.52	21.23	62.28	100	0	P	H
													H
													H
		11020	45.84	-28.16	74	52.53	39.92	16.79	63.4	100	0	P	V
		16530	45.01	-23.19	68.2	47.54	38.52	21.23	62.28	100	0	P	V
													V
													V
802.11ax HE40 (FULL RU) CH 110 5550MHz		11100	46.03	-27.97	74	52.94	39.6	16.91	63.42	100	0	P	H
		16650	45.5	-22.7	68.2	47.37	38.95	21.39	62.21	100	0	P	H
													H
													H
		11100	44.9	-29.1	74	51.81	39.6	16.91	63.42	100	0	P	V
		16650	46.7	-21.5	68.2	48.57	38.95	21.39	62.21	100	0	P	V
													V
													V
802.11ax HE40 (FULL RU) CH 134 5670MHz		11340	45.44	-28.56	74	52.13	39.52	17.26	63.47	100	0	P	H
		17010	45.79	-22.41	68.2	46.21	39.7	21.87	61.99	100	0	P	H
													H
													H
		11340	45.33	-28.67	74	52.02	39.52	17.26	63.47	100	0	P	V
		17010	46.5	-21.7	68.2	46.92	39.7	21.87	61.99	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 802.11ax HE80(FULL RU) (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 RU) CH 106 5530MHz		5453.68	62.83	-11.17	74	53.51	31.71	10.23	32.62	277	30	P	H
		5468.08	65.02	-3.18	68.2	55.6	31.77	10.26	32.61	277	30	P	H
		5459.92	48.79	-5.21	54	39.43	31.74	10.24	32.62	277	30	A	H
	*	5530	102.48	-	-	92.87	31.84	10.35	32.58	277	30	P	H
	*	5530	92.29	-	-	82.68	31.84	10.35	32.58	277	30	A	H
		5745.155	50.52	-17.68	68.2	40.31	32.19	10.54	32.52	277	30	P	H
		5454.4	59.44	-14.56	74	50.11	31.72	10.23	32.62	100	83	P	V
		5460.88	61.73	-6.47	68.2	52.37	31.74	10.24	32.62	100	83	P	V
		5459.44	44.86	-9.14	54	35.5	31.74	10.24	32.62	100	83	A	V
	*	5530	98.9	-	-	89.29	31.84	10.35	32.58	100	83	P	V
	*	5530	88.32	-	-	78.71	31.84	10.35	32.58	100	83	A	V
		5726.57	50.26	-17.94	68.2	40.11	32.15	10.53	32.53	100	83	P	V
802.11ax HE80 (FULL RU) CH 122 5610MHz		5459.9	50.47	-23.53	74	41.11	31.74	10.24	32.62	100	333	P	H
		5469.7	52.11	-16.09	68.2	42.68	31.78	10.26	32.61	100	333	P	H
		5459.9	41.12	-12.88	54	31.76	31.74	10.24	32.62	100	333	A	H
	*	5610	103.73	-	-	93.94	31.88	10.47	32.56	100	333	P	H
	*	5610	92.97	-	-	83.18	31.88	10.47	32.56	100	333	A	H
		5734.375	52.62	-15.58	68.2	42.44	32.17	10.53	32.52	100	333	P	H
		5453.95	50.33	-23.67	74	41	31.72	10.23	32.62	100	110	P	V
		5464.1	49.99	-18.21	68.2	40.59	31.76	10.25	32.61	100	110	P	V
		5459.9	40.42	-13.58	54	31.06	31.74	10.24	32.62	100	110	A	V
	*	5610	101.27	-	-	91.48	31.88	10.47	32.56	100	110	P	V
	*	5610	89.65	-	-	79.86	31.88	10.47	32.56	100	110	A	V
		5739.975	51.92	-16.28	68.2	41.72	32.18	10.54	32.52	100	110	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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 (FULL RU) CH 106 5530MHz		11060	45.22	-28.78	74	52.02	39.76	16.85	63.41	100	0	P	H
		16590	45.36	-22.84	68.2	47.54	38.76	21.31	62.25	100	0	P	H
													H
													H
		11060	44.79	-29.21	74	51.59	39.76	16.85	63.41	100	0	P	V
		16590	44.78	-23.42	68.2	46.96	38.76	21.31	62.25	100	0	P	V
													V
													V
802.11ax HE80 (FULL RU) CH 122 5610MHz		11220	46.15	-27.85	74	53.11	39.4	17.08	63.44	100	0	P	H
		16830	45.83	-22.37	68.2	46.47	39.83	21.63	62.1	100	0	P	H
													H
													H
		11220	46.01	-27.99	74	52.97	39.4	17.08	63.44	100	0	P	V
		16830	46.29	-21.91	68.2	46.93	39.83	21.63	62.1	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 802.11ax HE20(Partial RU) (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 (RU 26/0) CH 100 5500MHz		5431.6	49.82	-24.18	74	40.59	31.66	10.2	32.63	300	15	P	H
		5461.84	60.64	-7.56	68.2	51.25	31.75	10.25	32.61	300	15	P	H
		5460	43.4	-10.6	54	34.04	31.74	10.24	32.62	300	15	A	H
	*	5500	116.32	-	-	106.7	31.9	10.31	32.59	300	15	P	H
	*	5500	109.28	-	-	99.66	31.9	10.31	32.59	300	15	A	H
													H
		5459.92	53.08	-20.92	74	43.72	31.74	10.24	32.62	100	91	P	V
		5461.52	58.85	-9.35	68.2	49.46	31.75	10.25	32.61	100	91	P	V
		5458.32	40.65	-13.35	54	31.3	31.73	10.24	32.62	100	91	A	V
	*	5500	113.25	-	-	103.63	31.9	10.31	32.59	100	91	P	V
	*	5500	105.73	-	-	96.11	31.9	10.31	32.59	100	91	A	V
													V
802.11ax HE20 (RU 52/37) CH 100 5500MHz		5459.6	50.88	-23.12	74	41.52	31.74	10.24	32.62	300	26	P	H
		5464.88	61.15	-7.05	68.2	51.75	31.76	10.25	32.61	300	26	P	H
		5460	42.28	-11.72	54	32.92	31.74	10.24	32.62	300	26	A	H
	*	5500	114.58	-	-	104.96	31.9	10.31	32.59	300	26	P	H
	*	5500	106.71	-	-	97.09	31.9	10.31	32.59	300	26	A	H
													H
		5456.72	50.62	-23.38	74	41.27	31.73	10.24	32.62	100	83	P	V
		5466.48	58.71	-9.49	68.2	49.3	31.77	10.25	32.61	100	83	P	V
		5458.48	40.43	-13.57	54	31.08	31.73	10.24	32.62	100	83	A	V
	*	5500	111.79	-	-	102.17	31.9	10.31	32.59	100	83	P	V
	*	5500	103.11	-	-	93.49	31.9	10.31	32.59	100	83	A	V
													V

		5393.36	50.29	-23.71	74	41.24	31.56	10.15	32.66	100	332	P	H
		5464.88	49.68	-18.52	68.2	40.28	31.76	10.25	32.61	100	332	P	H
		5419.6	40.66	-13.34	54	31.48	31.64	10.18	32.64	100	332	A	H
	*	5500	114.45	-	-	104.83	31.9	10.31	32.59	100	332	P	H
802.11ax	*	5500	104.72	-	-	95.1	31.9	10.31	32.59	100	332	A	H
HE20													H
(RU 106/53)		5418.32	50.29	-23.71	74	41.11	31.64	10.18	32.64	100	82	P	V
CH 100		5468.08	50.39	-17.81	68.2	40.97	31.77	10.26	32.61	100	82	P	V
5500MHz		5451.28	40.54	-13.46	54	31.22	31.71	10.23	32.62	100	82	A	V
	*	5500	109.78	-	-	100.16	31.9	10.31	32.59	100	82	P	V
	*	5500	100.86	-	-	91.24	31.9	10.31	32.59	100	82	A	V
													V
		5373.04	50	-24	74	41.09	31.44	10.14	32.67	100	333	P	H
		5461.12	50.34	-17.86	68.2	40.97	31.74	10.24	32.61	100	333	P	H
		5425.84	42.04	-11.96	54	32.84	31.65	10.19	32.64	100	333	A	H
	*	5580	117.6	-	-	107.88	31.86	10.43	32.57	100	333	P	H
802.11ax	*	5580	108.73	-	-	99.01	31.86	10.43	32.57	100	333	A	H
HE20		5756.18	51.27	-16.93	68.2	41.03	32.21	10.55	32.52	100	333	P	H
(RU 26/4)		5380.96	49.92	-24.08	74	40.96	31.49	10.14	32.67	100	87	P	V
CH 116		5464.24	50.27	-17.93	68.2	40.87	31.76	10.25	32.61	100	87	P	V
5580MHz		5425.6	40.46	-13.54	54	31.26	31.65	10.19	32.64	100	87	A	V
	*	5580	112.98	-	-	103.26	31.86	10.43	32.57	100	87	P	V
	*	5580	104.93	-	-	95.21	31.86	10.43	32.57	100	87	A	V
		5758.7	51.16	-17.04	68.2	40.91	32.22	10.55	32.52	100	87	P	V

802.11ax HE20 (RU 26/8) CH 140 5700MHz	*	5700	115.5	-	-	105.42	32.1	10.51	32.53	101	338	P	H
	*	5700	108.21	-	-	98.13	32.1	10.51	32.53	101	338	A	H
		5725.88	62.57	-5.63	68.2	52.42	32.15	10.53	32.53	101	338	P	H
													H
													H
													H
	*	5700	112.9	-	-	102.82	32.1	10.51	32.53	100	93	P	V
	*	5700	105.98	-	-	95.9	32.1	10.51	32.53	100	93	A	V
		5725.08	59.79	-8.41	68.2	49.64	32.15	10.53	32.53	100	93	P	V
													V
													V
													V
802.11ax HE20 (RU 52/40) CH 140 5700MHz	*	5700	114.88	-	-	104.8	32.1	10.51	32.53	100	333	P	H
	*	5700	106.56	-	-	96.48	32.1	10.51	32.53	100	333	A	H
		5726.36	59.34	-8.86	68.2	49.19	32.15	10.53	32.53	100	333	P	H
													H
													H
													H
	*	5700	111.54	-	-	101.46	32.1	10.51	32.53	100	95	P	V
	*	5700	103.56	-	-	93.48	32.1	10.51	32.53	100	95	A	V
		5725.72	60.72	-7.48	68.2	50.57	32.15	10.53	32.53	100	95	P	V
													V
													V
													V

802.11ax HE20 (RU 106/54) CH 140 5700MHz	*	5700	112.63	-	-	102.55	32.1	10.51	32.53	100	334	P	H
	*	5700	103.53	-	-	93.45	32.1	10.51	32.53	100	334	A	H
		5727.08	61.11	-7.09	68.2	50.96	32.15	10.53	32.53	100	334	P	H
													H
													H
													H
	*	5700	109.24	-	-	99.16	32.1	10.51	32.53	100	80	P	V
	*	5700	100.35	-	-	90.27	32.1	10.51	32.53	100	80	A	V
		5726.84	57.71	-10.49	68.2	47.56	32.15	10.53	32.53	100	80	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(Partial RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (RU 26/0) CH 100 5500MHz		11000	45.22	-28.78	74	51.86	40	16.76	63.4	100	0	P	H
		16500	44.91	-23.29	68.2	47.62	38.4	21.19	62.3	100	0	P	H
													H
													H
		11000	45.64	-28.36	74	52.28	40	16.76	63.4	100	0	P	V
		16500	44.99	-23.21	68.2	47.7	38.4	21.19	62.3	100	0	P	V
													V
													V
802.11ax HE20 (RU 52/37) CH 100 5500MHz		11000	45.94	-28.06	74	52.58	40	16.76	63.4	100	0	P	H
		16500	44.49	-23.71	68.2	47.2	38.4	21.19	62.3	100	0	P	H
													H
													H
		11000	46.88	-27.12	74	53.52	40	16.76	63.4	100	0	P	V
		16500	46.95	-21.25	68.2	49.66	38.4	21.19	62.3	100	0	P	V
													V
													V
802.11ax HE20 (RU 106/53) CH 100 5500MHz		11000	45.99	-28.01	74	52.63	40	16.76	63.4	100	0	P	H
		16500	43.78	-24.42	68.2	46.49	38.4	21.19	62.3	100	0	P	H
													H
													H
		11000	45.63	-28.37	74	52.27	40	16.76	63.4	100	0	P	V
		16500	43.78	-24.42	68.2	46.49	38.4	21.19	62.3	100	0	P	V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (RU 26/4) CH 116 5580MHz		11160	45.89	-28.11	74	52.85	39.48	16.99	63.43	100	0	P	H
		16740	45.72	-22.48	68.2	46.99	39.38	21.51	62.16	100	0	P	H
													H
													H
		11160	46.29	-27.71	74	53.25	39.48	16.99	63.43	100	0	P	V
		16740	45.08	-23.12	68.2	46.35	39.38	21.51	62.16	100	0	P	V
													V
													V
802.11ax HE20 (RU 26/8) CH 140 5700MHz		11400	44.52	-29.48	74	50.96	39.7	17.34	63.48	100	0	P	H
		17100	45.61	-22.59	68.2	45.82	39.7	21.95	61.86	100	0	P	H
													H
													H
		11400	44.58	-29.42	74	51.02	39.7	17.34	63.48	100	0	P	V
		17100	44.96	-23.24	68.2	45.17	39.7	21.95	61.86	100	0	P	V
													V
													V
802.11ax HE20 (RU 52/40) CH 140 5700MHz		11400	44.74	-29.26	74	51.18	39.7	17.34	63.48	100	0	P	H
		17100	46.01	-22.19	68.2	46.22	39.7	21.95	61.86	100	0	P	H
													H
													H
		11400	46.43	-27.57	74	52.87	39.7	17.34	63.48	100	0	P	V
		17100	45.73	-22.47	68.2	45.94	39.7	21.95	61.86	100	0	P	V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (RU 106/54) CH 140 5700MHz		11400	46.02	-27.98	74	52.46	39.7	17.34	63.48	100	0	P	H
		17100	45.5	-22.7	68.2	45.71	39.7	21.95	61.86	100	0	P	H
													H
													H
		11400	45.43	-28.57	74	51.87	39.7	17.34	63.48	100	0	P	V
		17100	45.69	-22.51	68.2	45.9	39.7	21.95	61.86	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 802.11ax HE40(Partial RU) (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 (RU 242/61) CH 102 5510MHz		5456.8	53.84	-20.16	74	44.49	31.73	10.24	32.62	100	64	P	H
		5460.64	54.12	-14.08	68.2	44.76	31.74	10.24	32.62	100	64	P	H
		5457.04	41.79	-12.21	54	32.44	31.73	10.24	32.62	100	64	A	H
	*	5510	109.06	-	-	99.45	31.88	10.32	32.59	100	64	P	H
	*	5510	100.08	-	-	90.47	31.88	10.32	32.59	100	64	A	H
		5760.275	52.76	-15.44	68.2	42.51	32.22	10.55	32.52	100	64	P	H
		5409.04	49.92	-24.08	74	40.79	31.62	10.16	32.65	100	88	P	V
		5470	53.06	-15.14	68.2	43.63	31.78	10.26	32.61	100	88	P	V
		5457.28	40.74	-13.26	54	31.39	31.73	10.24	32.62	100	88	A	V
	*	5510	106.56	-	-	96.95	31.88	10.32	32.59	100	88	P	V
	*	5510	96.75	-	-	87.14	31.88	10.32	32.59	100	88	A	V
		5732.24	51.45	-16.75	68.2	41.28	32.16	10.53	32.52	100	88	P	V
802.11ax HE40 (RU 242/62) CH 134 5670MHz		5418.95	49.85	-24.15	74	40.67	31.64	10.18	32.64	100	66	P	H
		5465.15	48.95	-19.25	68.2	39.55	31.76	10.25	32.61	100	66	P	H
		5456.05	40.5	-13.5	54	31.16	31.72	10.24	32.62	100	66	A	H
	*	5670	109.61	-	-	99.73	31.92	10.5	32.54	100	66	P	H
	*	5670	100.13	-	-	90.25	31.92	10.5	32.54	100	66	A	H
		5725.275	55.15	-13.05	68.2	45	32.15	10.53	32.53	100	66	P	H
		5454.65	50.23	-23.77	74	40.9	31.72	10.23	32.62	100	80	P	V
		5462.35	50.08	-18.12	68.2	40.69	31.75	10.25	32.61	100	80	P	V
		5455.7	40.4	-13.6	54	31.06	31.72	10.24	32.62	100	80	A	V
	*	5670	105.96	-	-	96.08	31.92	10.5	32.54	100	80	P	V
	*	5670	97.6	-	-	87.72	31.92	10.5	32.54	100	80	A	V
		5726.15	52.3	-15.9	68.2	42.15	32.15	10.53	32.53	100	80	P	V

Band 3 - 5470~5725MHz

WIFI 802.11ax HE40(Partial RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 (RU 242/61) CH 102 5510MHz		11020	44.79	-29.21	74	51.48	39.92	16.79	63.4	100	0	P	H
		16530	44.17	-24.03	68.2	46.7	38.52	21.23	62.28	100	0	P	H
													H
													H
		11020	44.82	-29.18	74	51.51	39.92	16.79	63.4	100	0	P	V
		16530	44.84	-23.36	68.2	47.37	38.52	21.23	62.28	100	0	P	V
													V
													V
802.11ax HE40 (RU 242/62) CH 134 5670MHz		11340	44.66	-29.34	74	51.35	39.52	17.26	63.47	100	0	P	H
		17010	45.32	-22.88	68.2	45.74	39.7	21.87	61.99	100	0	P	H
													H
													H
		11340	44.45	-29.55	74	51.14	39.52	17.26	63.47	100	0	P	V
		17010	45.51	-22.69	68.2	45.93	39.7	21.87	61.99	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 802.11ax HE80(Partial RU) (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 (RU 484/65) CH 106 5530MHz		5433.28	50.78	-23.22	74	41.54	31.67	10.2	32.63	100	29	P	H
		5467.36	53.99	-14.21	68.2	44.58	31.77	10.25	32.61	100	29	P	H
		5459.92	42.01	-11.99	54	32.65	31.74	10.24	32.62	100	29	A	H
	*	5530	105.45	-	-	95.84	31.84	10.35	32.58	100	29	P	H
	*	5530	96.13	-	-	86.52	31.84	10.35	32.58	100	29	A	H
		5758.07	51.55	-16.65	68.2	41.3	32.22	10.55	32.52	100	29	P	H
		5454.64	50.63	-23.37	74	41.3	31.72	10.23	32.62	100	96	P	V
		5469.28	50.97	-17.23	68.2	41.54	31.78	10.26	32.61	100	96	P	V
		5459.68	41.22	-12.78	54	31.86	31.74	10.24	32.62	100	96	A	V
	*	5530	100.59	-	-	90.98	31.84	10.35	32.58	100	96	P	V
	*	5530	91.47	-	-	81.86	31.84	10.35	32.58	100	96	A	V
		5751.455	51.69	-16.51	68.2	41.47	32.2	10.54	32.52	100	96	P	V
802.11ax HE80 (RU 484/66) CH 122 5610MHz		5459.9	50.77	-23.23	74	41.41	31.74	10.24	32.62	100	31	P	H
		5459.9	50.77	-23.23	74	41.41	31.74	10.24	32.62	100	31	P	H
		5457.8	41.02	-12.98	54	31.67	31.73	10.24	32.62	100	31	A	H
	*	5610	106.94	-	-	97.15	31.88	10.47	32.56	100	31	P	H
	*	5610	97.97	-	-	88.18	31.88	10.47	32.56	100	31	A	H
		5751.175	52.09	-16.11	68.2	41.87	32.2	10.54	32.52	100	31	P	H
		5426.3	50.28	-23.72	74	41.08	31.65	10.19	32.64	100	91	P	V
		5460.25	49.93	-18.27	68.2	40.57	31.74	10.24	32.62	100	91	P	V
		5459.55	40.83	-13.17	54	31.47	31.74	10.24	32.62	100	91	A	V
	*	5610	102.92	-	-	93.13	31.88	10.47	32.56	100	91	P	V
	*	5610	94.01	-	-	84.22	31.88	10.47	32.56	100	91	A	V
		5745.4	52.47	-15.73	68.2	42.26	32.19	10.54	32.52	100	91	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(Partial RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 (RU 484/65) CH 106 5530MHz		11060	44.22	-29.78	74	51.02	39.76	16.85	63.41	100	0	P	H
		16590	44.03	-24.17	68.2	46.21	38.76	21.31	62.25	100	0	P	H
													H
													H
		11060	44.1	-29.9	74	50.9	39.76	16.85	63.41	100	0	P	V
		16590	44.12	-24.08	68.2	46.3	38.76	21.31	62.25	100	0	P	V
													V
													V
802.11ax HE80 (RU 484/66) CH 122 5610MHz		11220	45.67	-28.33	74	52.63	39.4	17.08	63.44	100	0	P	H
		16830	45.9	-22.3	68.2	46.54	39.83	21.63	62.1	100	0	P	H
													H
													H
		11220	45.18	-28.82	74	52.14	39.4	17.08	63.44	100	0	P	V
		16830	45.52	-22.68	68.2	46.16	39.83	21.63	62.1	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.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5436.19	49.47	-24.53	74	40.22	31.67	10.21	32.63	100	31	P	H
		5466.61	48.72	-19.48	68.2	39.31	31.77	10.25	32.61	100	31	P	H
		5458.03	39.64	-14.36	54	30.29	31.73	10.24	32.62	100	31	A	H
	*	5720	101.11	-	-	90.97	32.14	10.53	32.53	100	31	P	H
	*	5720	93.03	-	-	82.89	32.14	10.53	32.53	100	31	A	H
		5900.25	51.26	-16.94	68.2	40.63	32.5	10.61	32.48	100	31	P	H
		5364.04	49.12	-24.88	74	40.28	31.38	10.14	32.68	168	16	P	V
		5465.44	48.43	-19.77	68.2	39.03	31.76	10.25	32.61	168	16	P	V
		5457.64	39.7	-14.3	54	30.35	31.73	10.24	32.62	168	16	A	V
	*	5720	107.4	-	-	97.26	32.14	10.53	32.53	168	16	P	V
	*	5720	99.7	-	-	89.56	32.14	10.53	32.53	168	16	A	V
		5880	51.79	-16.41	68.2	41.21	32.46	10.6	32.48	168	16	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	46.76	-27.24	74	53.19	39.66	17.4	63.49	100	0	P	H
		17160	46.29	-21.91	68.2	46.07	40	22	61.78	100	0	P	H
													H
													H
		11440	45.57	-28.43	74	52	39.66	17.4	63.49	100	0	P	V
		17160	46.76	-21.44	68.2	46.54	40	22	61.78	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 - Straddle Channel

WIFI 802.11ax HE20(FULL RU) (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 (FULL RU) CH 144 5720MHz		5376.13	49.61	-24.39	74	40.68	31.46	10.14	32.67	100	67	P	H
		5461.15	49.19	-19.01	68.2	39.82	31.74	10.24	32.61	100	67	P	H
		5459.59	39.86	-14.14	54	30.5	31.74	10.24	32.62	100	67	A	H
	*	5720	108.73	-	-	98.59	32.14	10.53	32.53	100	67	P	H
	*	5720	99	-	-	88.86	32.14	10.53	32.53	100	67	A	H
		5893.25	52.23	-15.97	68.2	41.61	32.49	10.61	32.48	100	67	P	H
		5435.8	49.5	-24.5	74	40.25	31.67	10.21	32.63	100	88	P	V
		5464.27	48.86	-19.34	68.2	39.46	31.76	10.25	32.61	100	88	P	V
		5459.59	39.74	-14.26	54	30.38	31.74	10.24	32.62	100	88	A	V
	*	5720	106.56	-	-	96.42	32.14	10.53	32.53	100	88	P	V
	*	5720	96.85	-	-	86.71	32.14	10.53	32.53	100	88	A	V
		5876.75	52.46	-15.74	68.2	41.89	32.45	10.6	32.48	100	88	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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 (FULL RU) CH 144 5720MHz		11440	47.17	-26.83	74	53.6	39.66	17.4	63.49	100	0	P	H
		17160	46.14	-22.06	68.2	45.92	40	22	61.78	100	0	P	H
													H
													H
		11440	46.71	-27.29	74	53.14	39.66	17.4	63.49	100	0	P	V
		17160	46.09	-22.11	68.2	45.87	40	22	61.78	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 - Straddle Channel

WIFI 802.11ax HE40(FULL RU) (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 RU) CH 142 5710MHz		5426.05	49.8	-24.2	74	40.6	31.65	10.19	32.64	100	332	P	H
		5469.34	50.04	-18.16	68.2	40.61	31.78	10.26	32.61	100	332	P	H
		5459.98	39.86	-14.14	54	30.5	31.74	10.24	32.62	100	332	A	H
	*	5710	105.14	-	-	95.03	32.12	10.52	32.53	100	332	P	H
	*	5710	95.01	-	-	84.9	32.12	10.52	32.53	100	332	A	H
		5862.75	51.82	-16.38	68.2	41.28	32.43	10.6	32.49	100	332	P	H
		5364.43	49.99	-24.01	74	41.14	31.39	10.14	32.68	100	88	P	V
		5470	48.97	-19.23	68.2	39.54	31.78	10.26	32.61	100	88	P	V
		5459.98	39.78	-14.22	54	30.42	31.74	10.24	32.62	100	88	A	V
	*	5710	103.34	-	-	93.23	32.12	10.52	32.53	100	88	P	V
	*	5710	92.96	-	-	82.85	32.12	10.52	32.53	100	88	A	V
		5910.75	50.99	-17.21	68.2	40.31	32.54	10.61	32.47	100	88	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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 (FULL RU) CH 142 5710MHz		11420	44.95	-29.05	74	51.38	39.68	17.37	63.48	100	0	P	H
		17130	46.65	-21.55	68.2	46.65	39.85	21.97	61.82	100	0	P	H
													H
													H
		11420	45.49	-28.51	74	51.92	39.68	17.37	63.48	100	0	P	V
		17130	46.06	-22.14	68.2	46.06	39.85	21.97	61.82	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 802.11ax HE80(FULL RU) (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 RU) CH 138 5690MHz		5364.04	49.72	-24.28	74	40.88	31.38	10.14	32.68	100	61	P	H
		5465.44	49.6	-18.6	68.2	40.2	31.76	10.25	32.61	100	61	P	H
		5459.2	39.91	-14.09	54	30.55	31.74	10.24	32.62	100	61	A	H
	*	5690	103.11	-	-	93.1	32.04	10.51	32.54	100	61	P	H
	*	5690	92.52	-	-	82.51	32.04	10.51	32.54	100	61	A	H
		5888.5	51.94	-16.26	68.2	41.33	32.48	10.61	32.48	100	61	P	H
		5443.6	49.8	-24.2	74	40.52	31.69	10.22	32.63	100	110	P	V
		5463.49	49.56	-18.64	68.2	40.17	31.75	10.25	32.61	100	110	P	V
		5459.98	39.86	-14.14	54	30.5	31.74	10.24	32.62	100	110	A	V
	*	5690	99.32	-	-	89.31	32.04	10.51	32.54	100	110	P	V
	*	5690	88.8	-	-	78.79	32.04	10.51	32.54	100	110	A	V
		5950	51.73	-16.47	68.2	40.86	32.7	10.63	32.46	100	110	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 RU) (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 (FULL RU) CH 138 5690MHz		11380	45.64	-28.36	74	52.17	39.64	17.31	63.48	100	0	P	H
		17070	46.14	-22.06	68.2	46.42	39.7	21.92	61.9	100	0	P	H
													H
													H
		11380	46.57	-27.43	74	53.1	39.64	17.31	63.48	100	0	P	V
		17070	46.42	-21.78	68.2	46.7	39.7	21.92	61.9	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 LF		110.51	23.95	-19.55	43.5	37.93	17	1.42	32.4	-	-	P	H
		205.57	32.01	-11.49	43.5	47.4	15.2	1.98	32.57	100	0	P	H
		304.51	32.15	-13.85	46	42.64	19.3	2.41	32.2	-	-	P	H
		855.47	32.02	-13.98	46	30.64	29.19	4.11	31.92	-	-	P	H
		935.98	32.56	-13.44	46	29.46	30.06	4.3	31.26	-	-	P	H
		956.35	33.89	-12.11	46	29.48	31.05	4.35	30.99	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.82	27.09	-12.91	40	36.59	22.13	0.82	32.45	-	-	P	V
		45.52	28.8	-11.2	40	43.66	16.74	0.91	32.51	100	0	P	V
		204.6	28.14	-15.36	43.5	43.55	15.18	1.98	32.57	-	-	P	V
		844.8	32.13	-13.87	46	30.91	29.1	4.09	31.97	-	-	P	V
		927.25	32.99	-13.01	46	30.43	29.65	4.28	31.37	-	-	P	V
		956.35	34.08	-11.92	46	29.67	31.05	4.35	30.99	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

Note symbol

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

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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

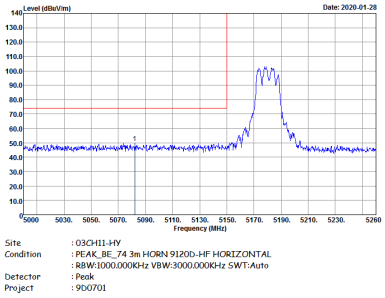
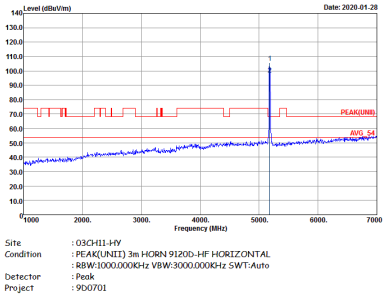
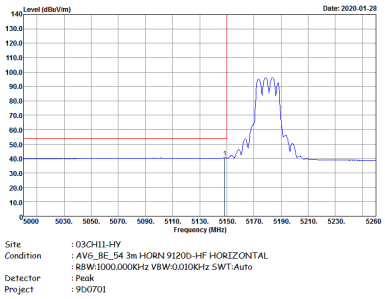
Test Engineer :	Cookie Ku, Fu Chen and Troye Hsieh	**Temperature :**	16.7~26.7°C
		Relative Humidity :	29.7~69.4%

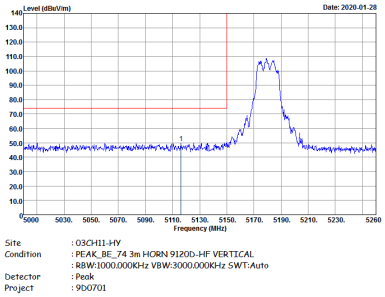
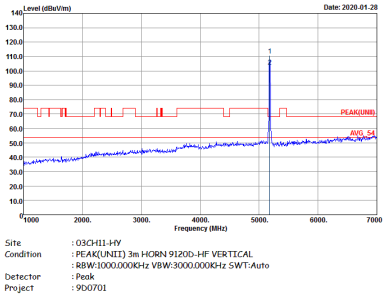
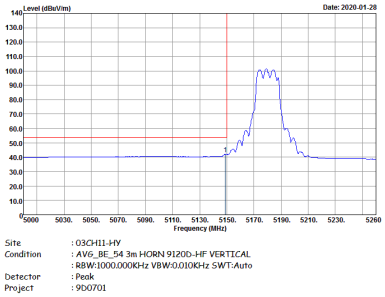
Note symbol

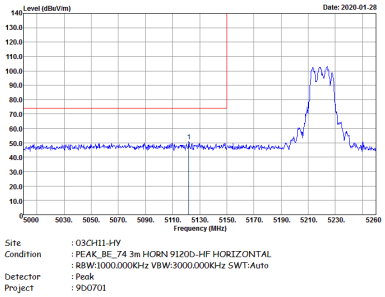
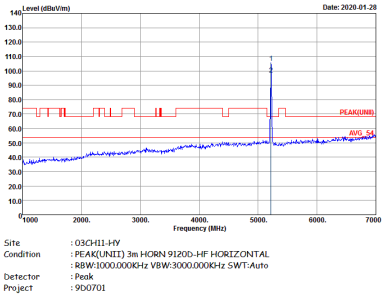
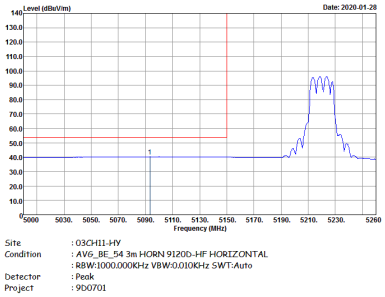
-L	**Low channel location**
-R	**High channel location**

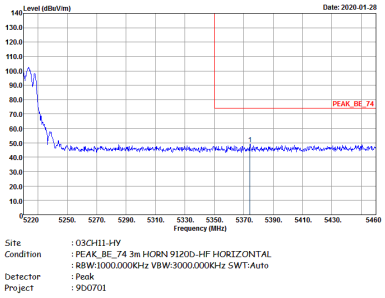
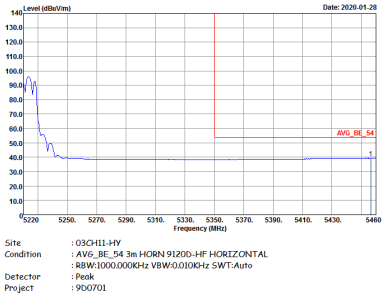
Band 1 - 5150~5250MHz

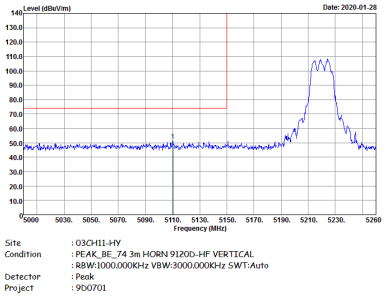
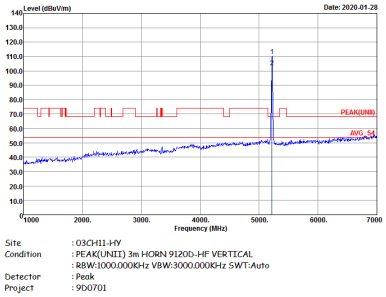
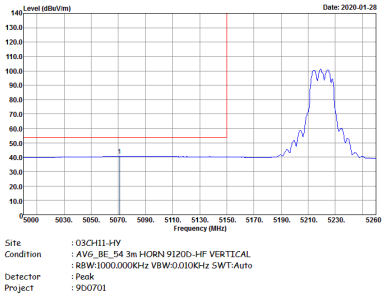
WIFI 802.11a (Band Edge @ 3m)

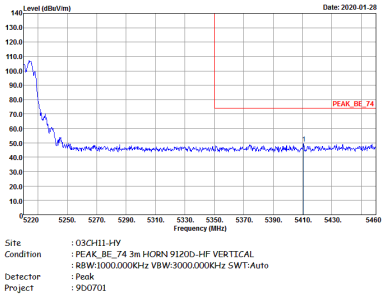
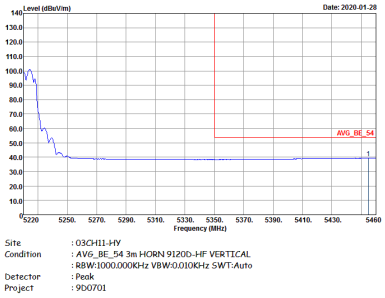
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

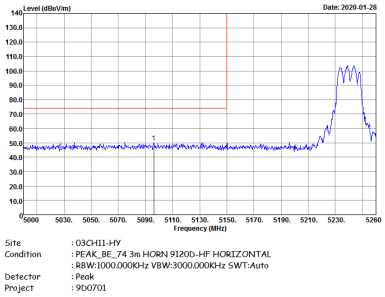
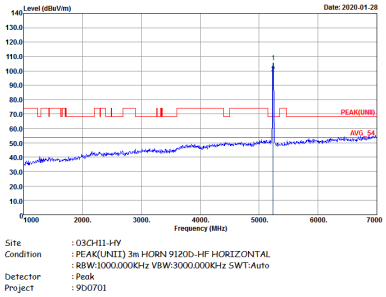
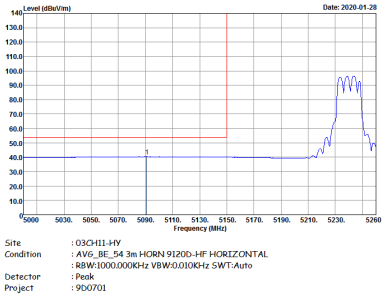
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

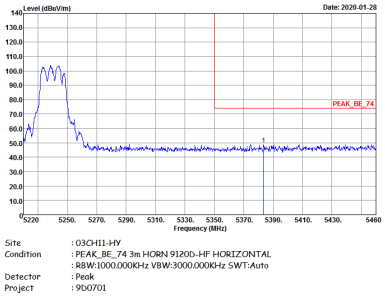
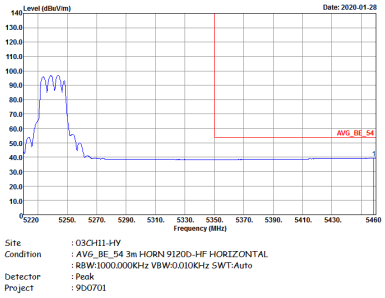
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

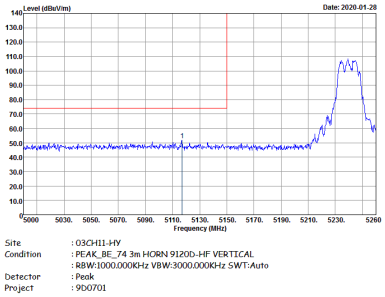
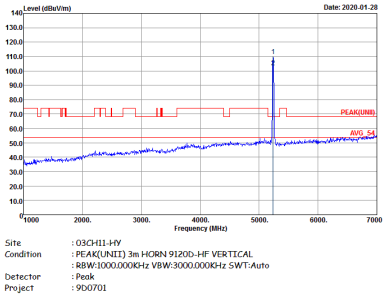
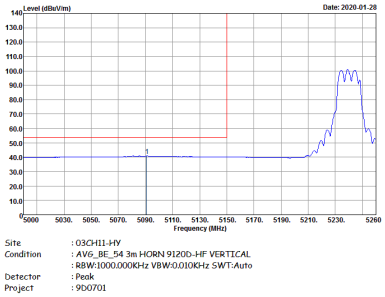
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

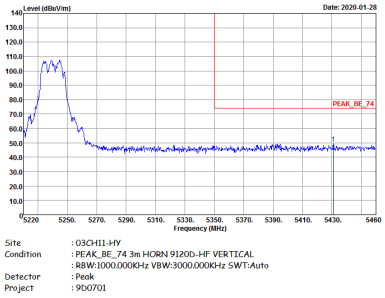
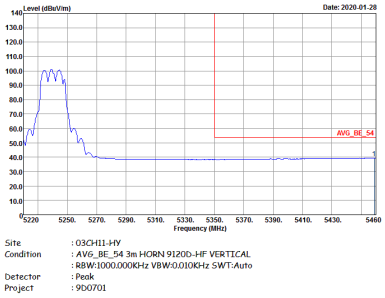
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

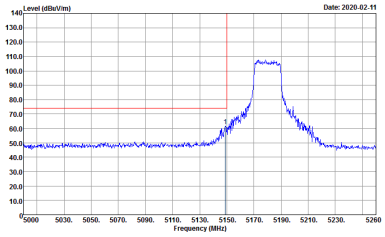
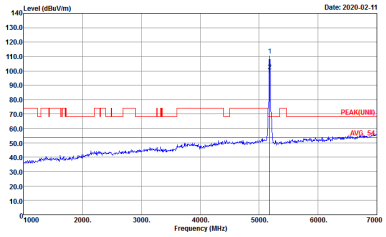
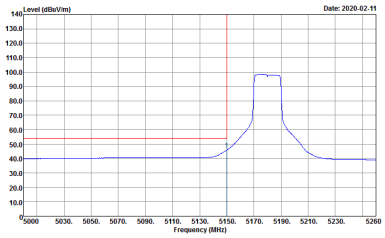
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

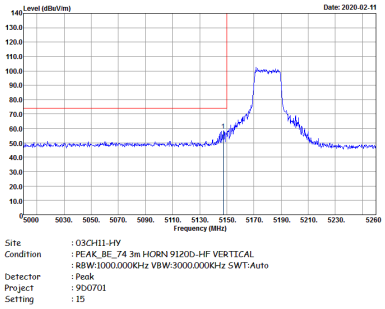
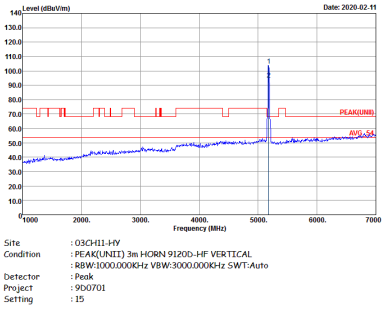
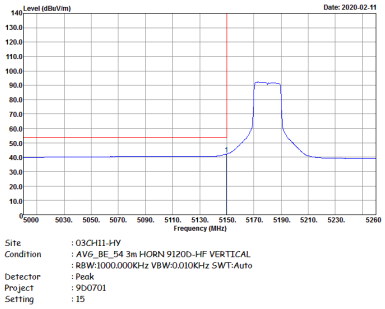
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

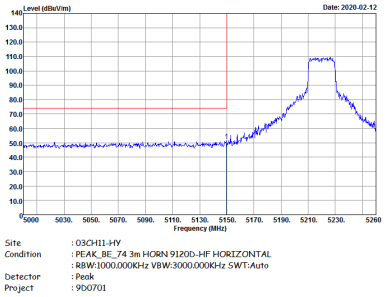
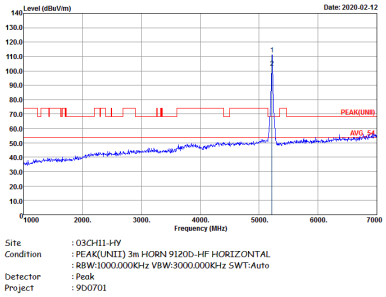
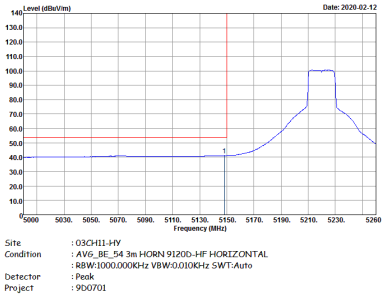
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

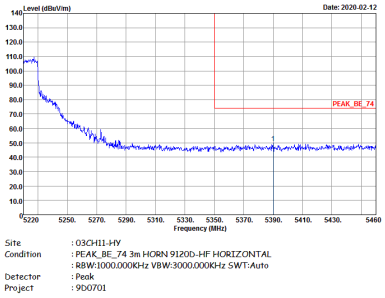
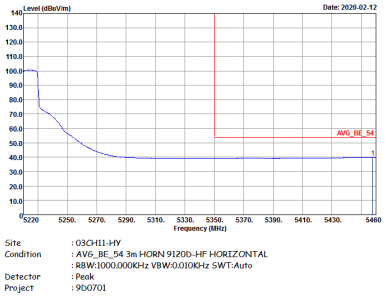
Band 1 - 5150~5250MHz

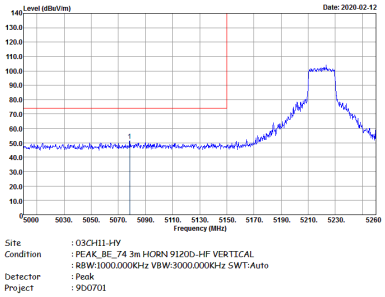
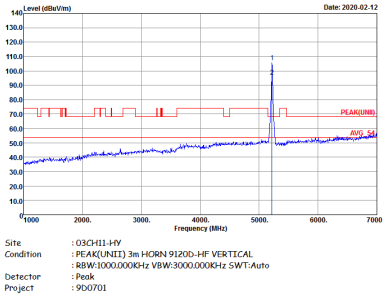
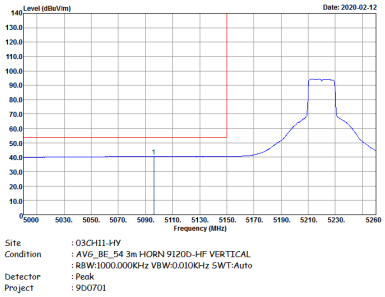
WIFI 802.11ax HE20(FULL RU) (Band Edge @ 3m)

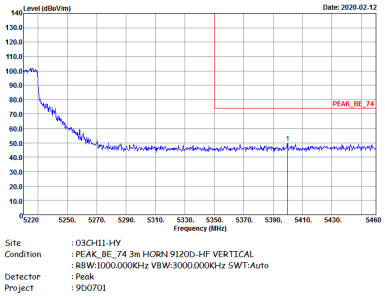
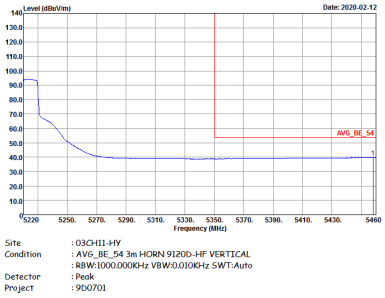
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

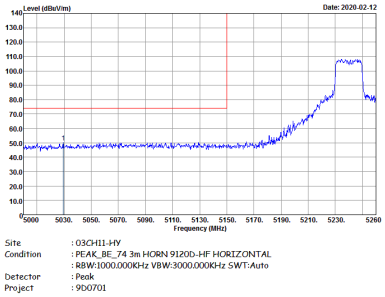
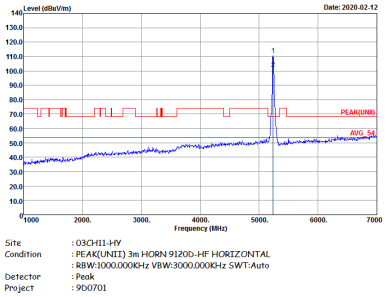
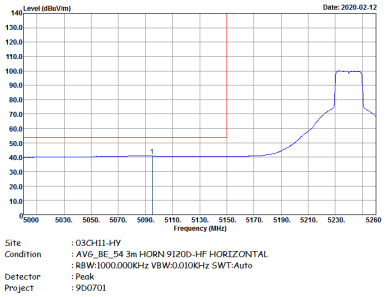
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

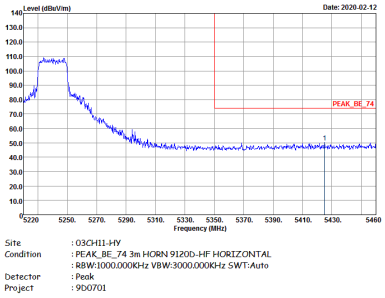
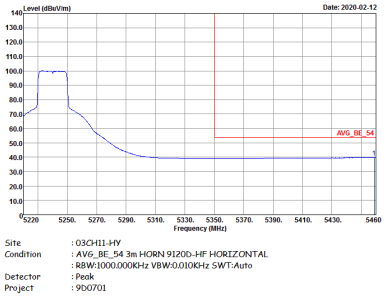
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

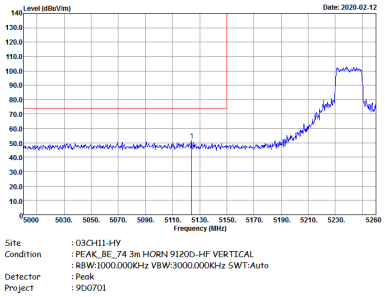
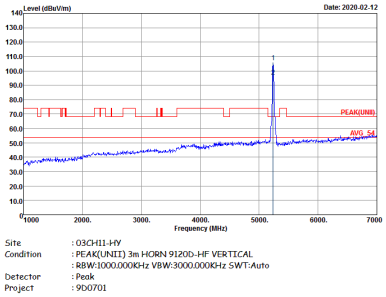
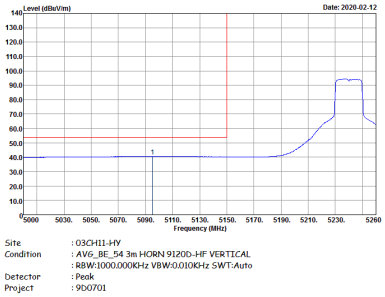
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

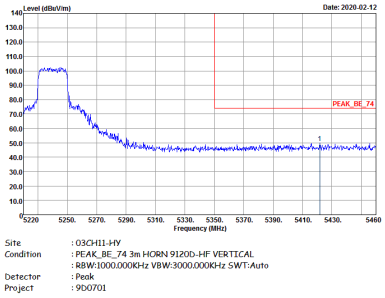
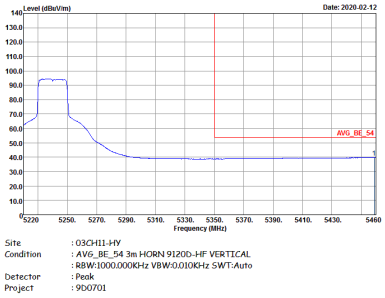
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

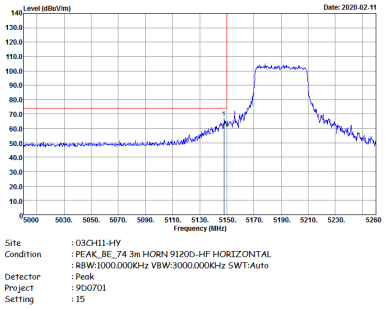
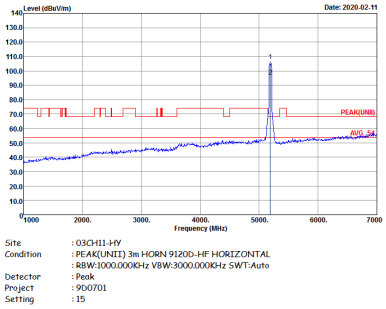
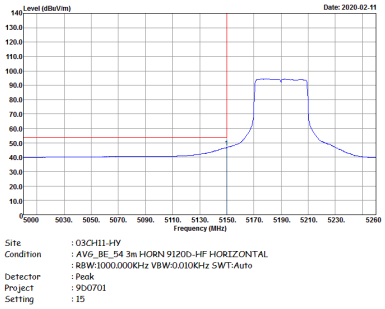
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

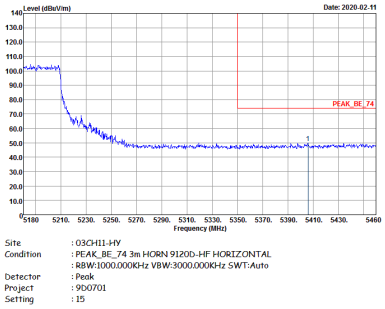
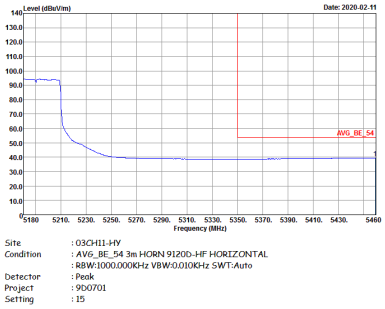
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

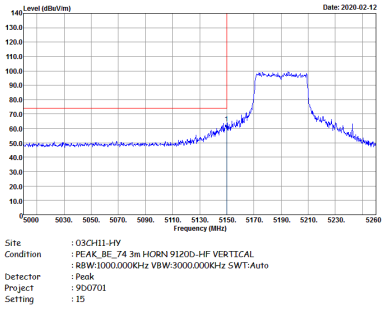
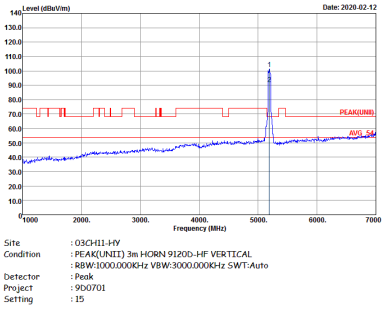
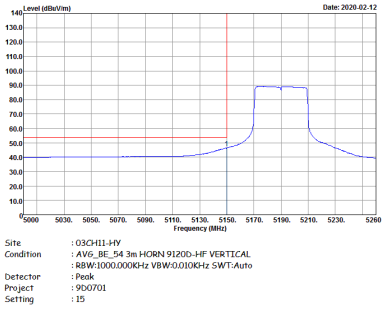
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

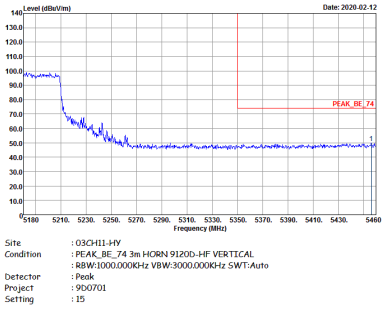
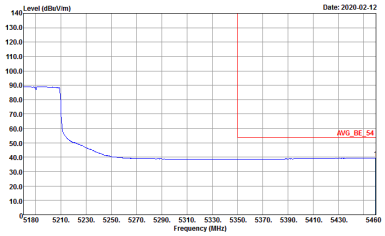
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

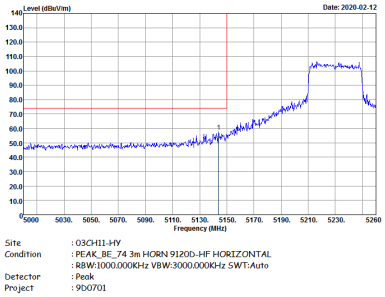
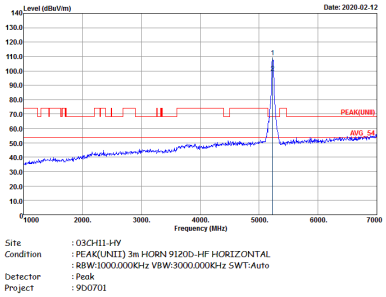
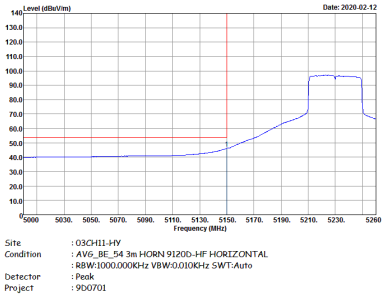
Band 1 5150~5250MHz
WIFI 802.11ax HE40(FULL RU) (Band Edge @ 3m)

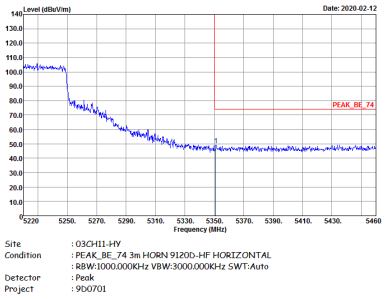
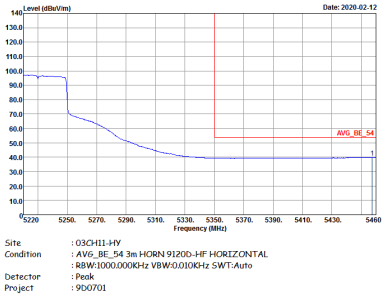
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

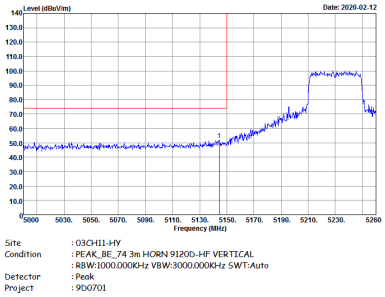
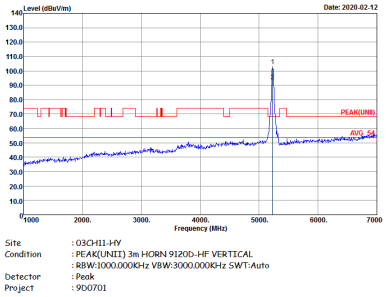
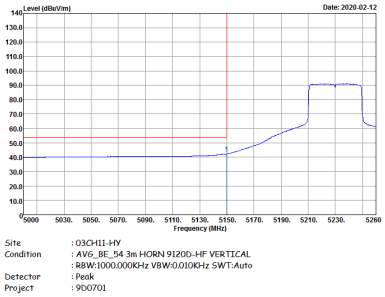
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

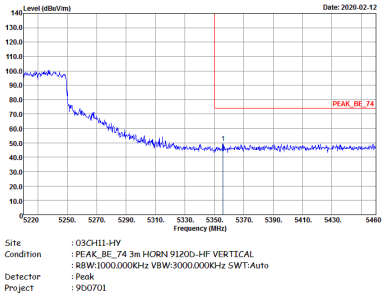
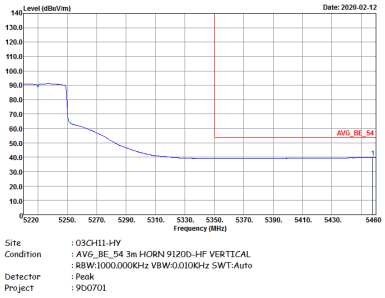
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15	Left blank

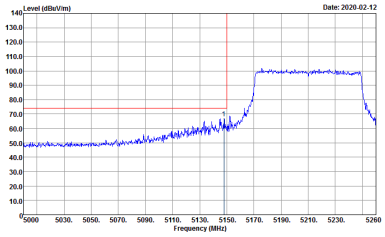
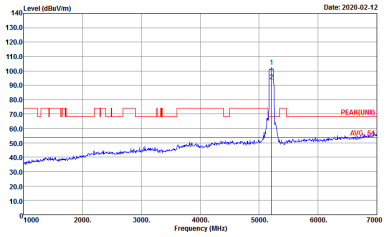
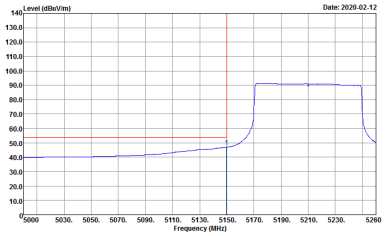
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

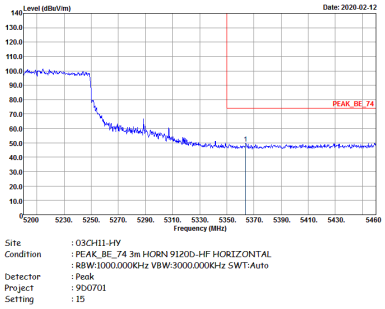
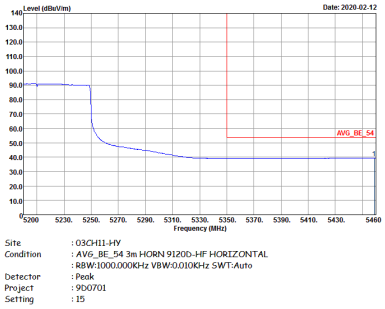
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

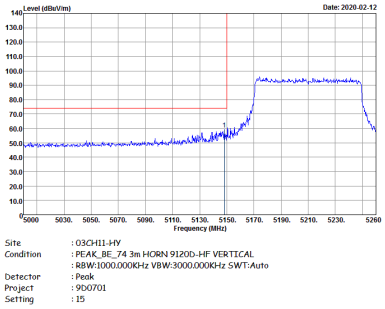
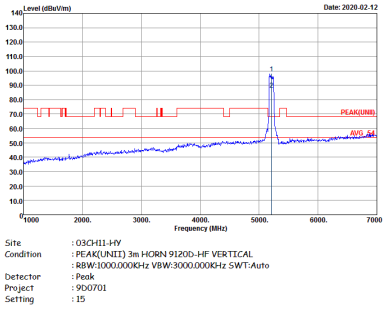
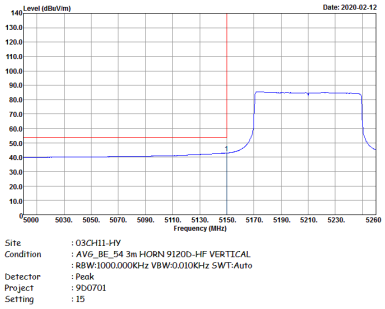
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

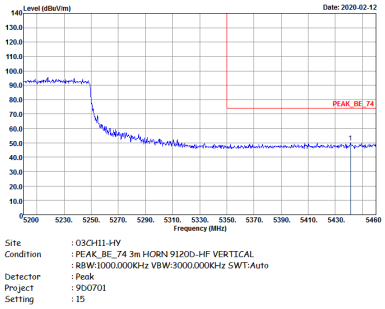
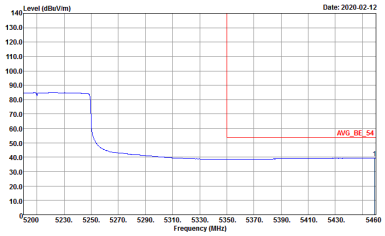
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ax HE80(FULL RU) (Band Edge @ 3m)

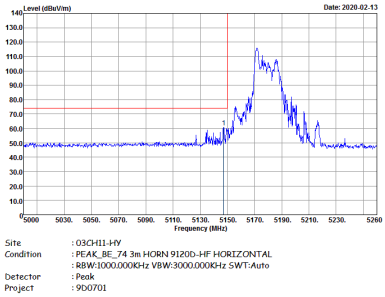
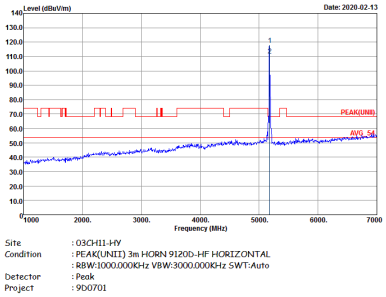
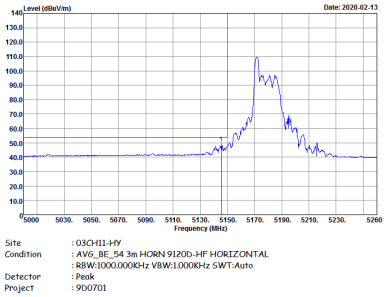
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80(FULL RU) CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15	Left blank

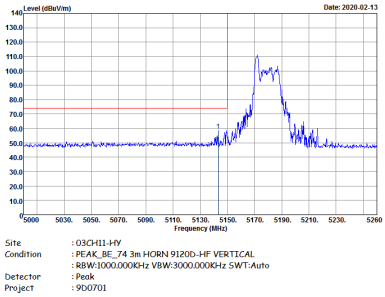
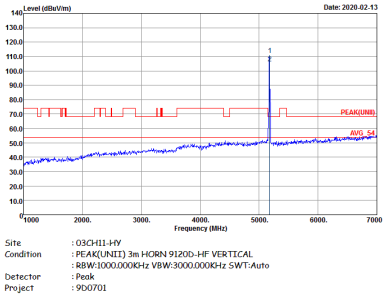
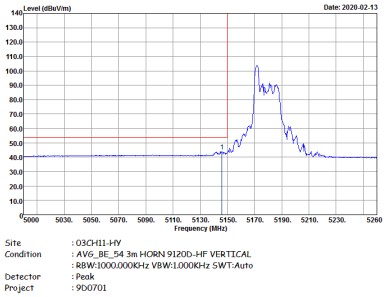
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80(FULL RU) CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

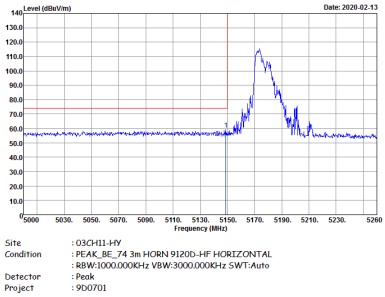
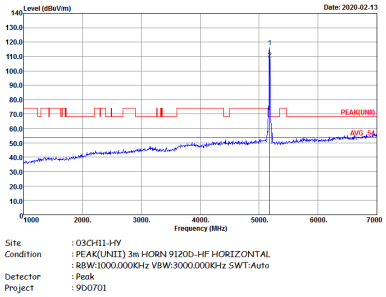
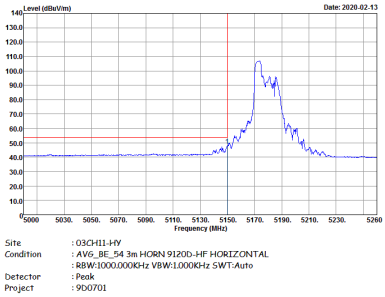
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80(FULL RU) CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

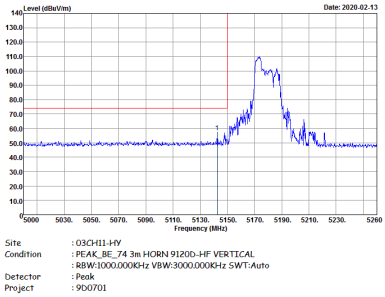
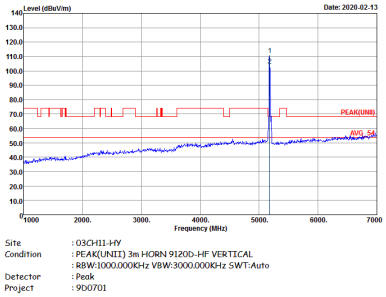
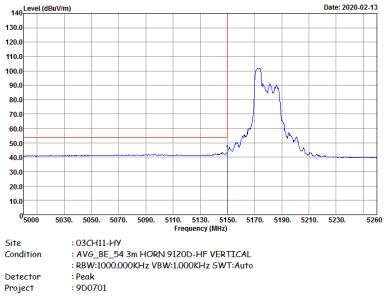
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80(FULL RU) CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15	Left blank

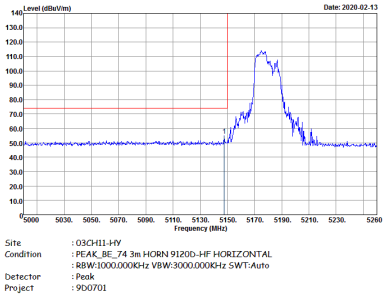
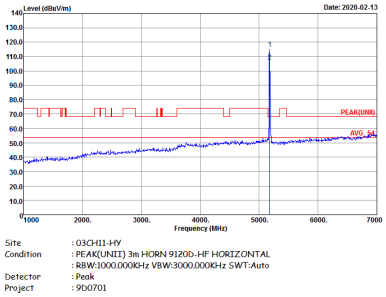
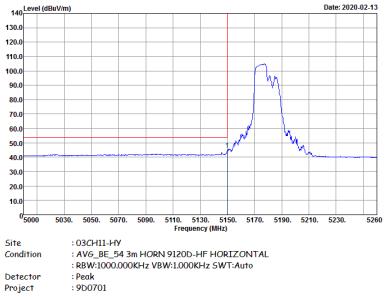
Band 1 5150~5250MHz
WIFI 802.11ax HE20(Partial RU) (Band Edge @ 3m)

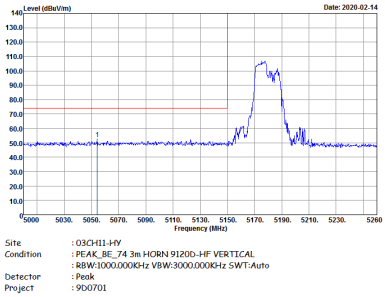
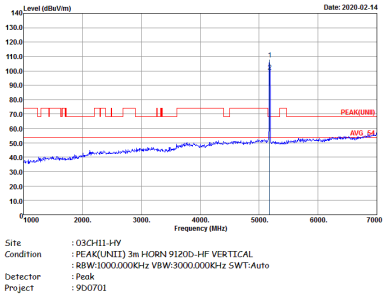
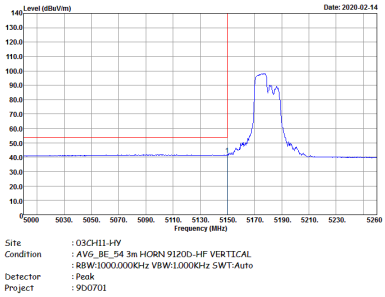
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 26/0) CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 26/0) CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

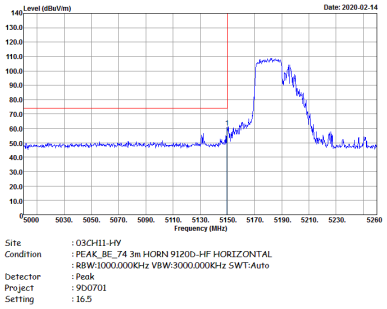
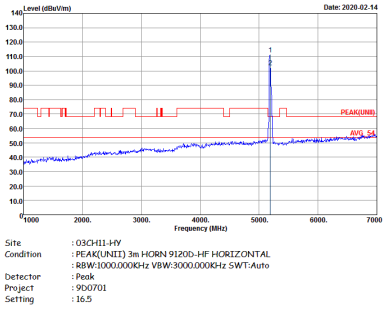
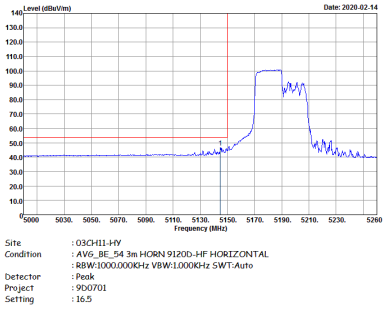
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 52/37) CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

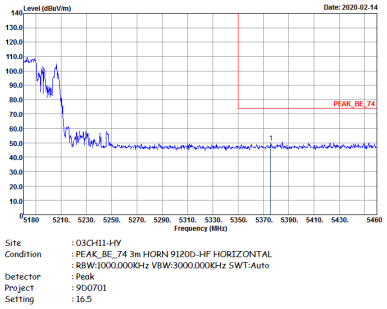
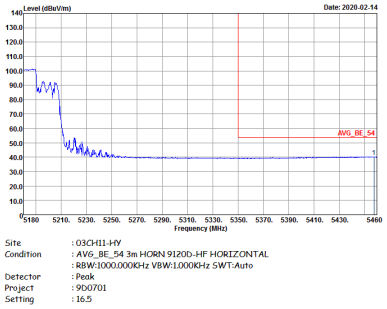
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 52/37) CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

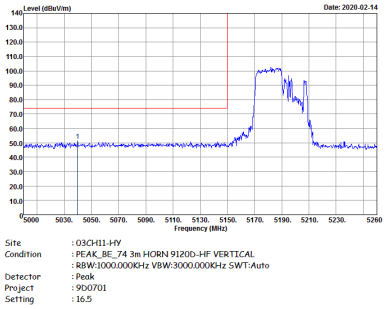
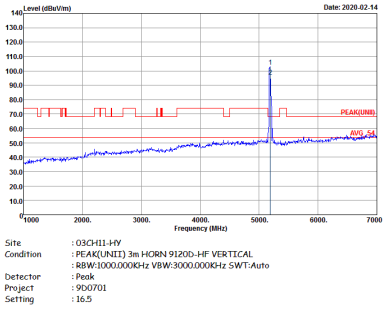
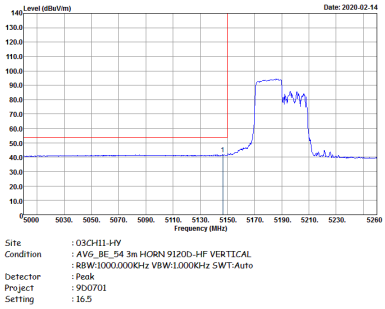
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 106/53) CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

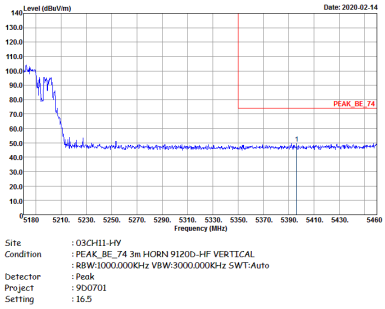
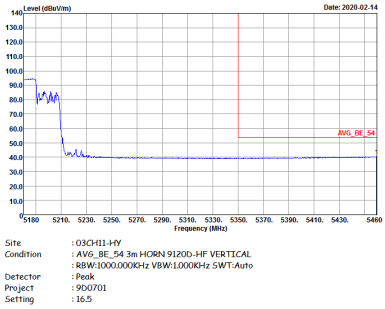
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 106/53) CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ax HE40(Partial RU) (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(RU 242/61) CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

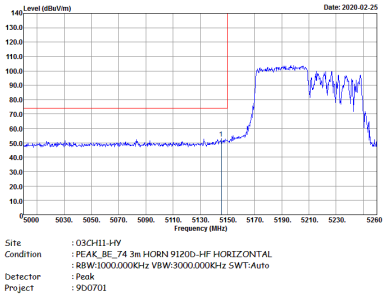
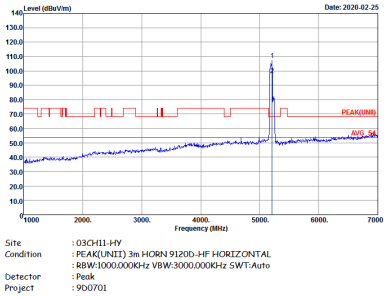
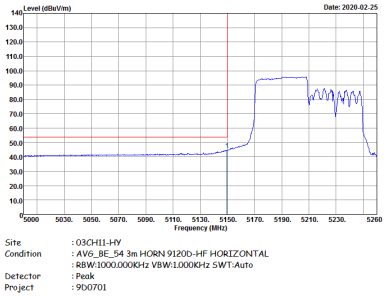
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(RU 242/61) CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

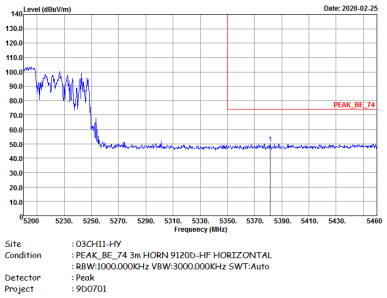
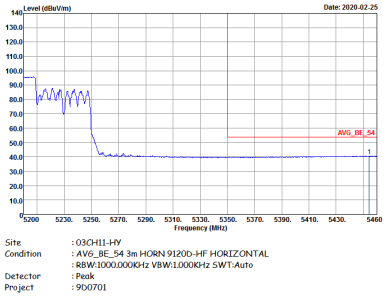
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(RU 242/61) CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

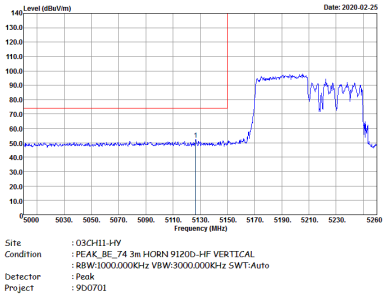
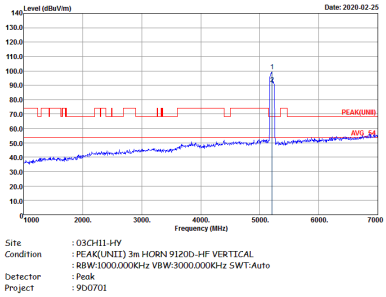
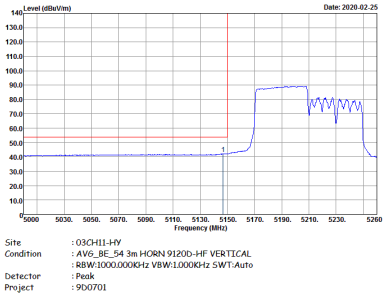
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40(RU 242/61) CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

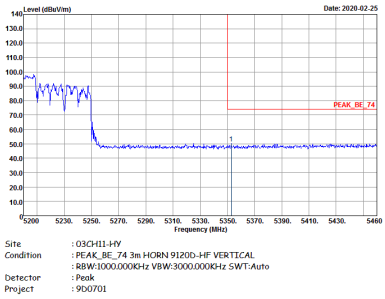
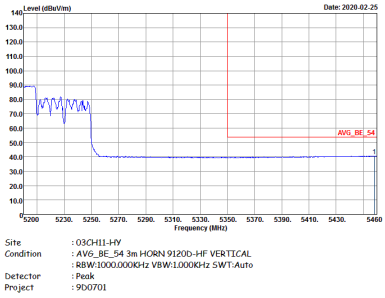
Band 1 5150~5250MHz

WIFI 802.11ax HE80(Partial RU) (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80(RU 484/65) CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

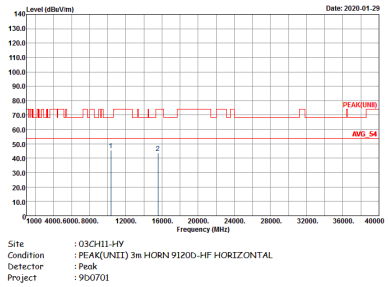
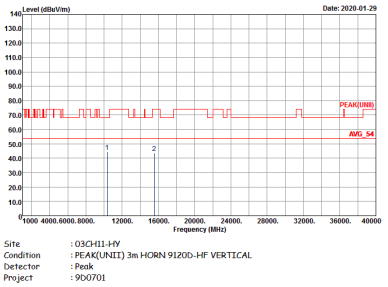
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80(RU 484/65) CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

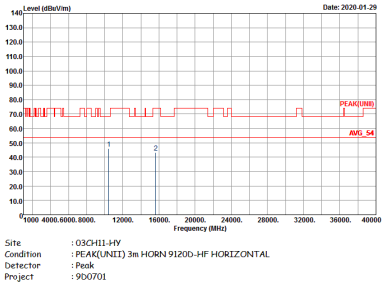
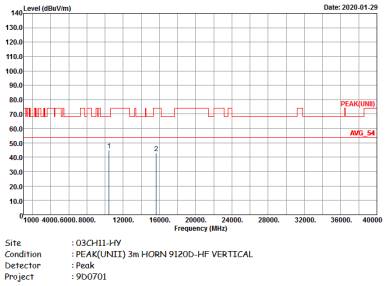
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80(RU 484/65) CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

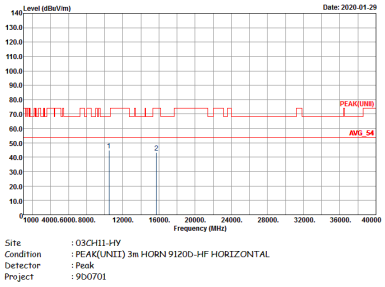
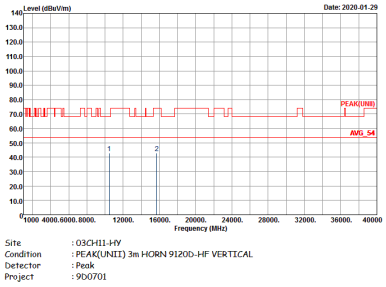
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80(RU 484/65) CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

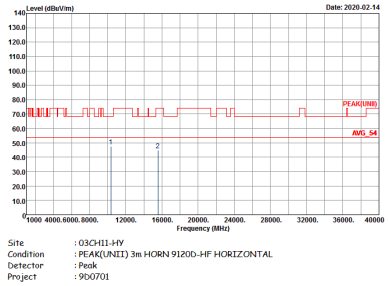
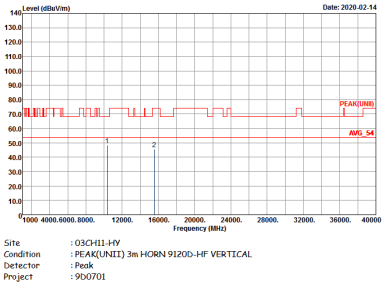
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

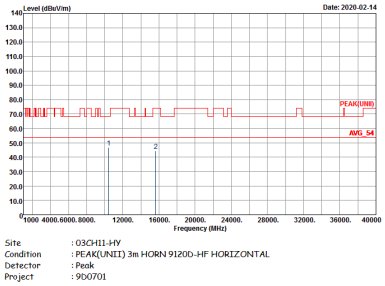
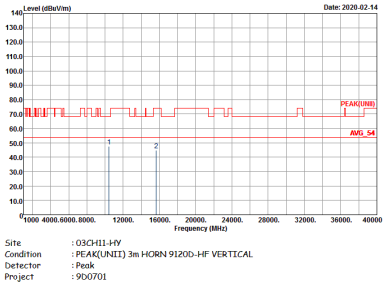
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.		

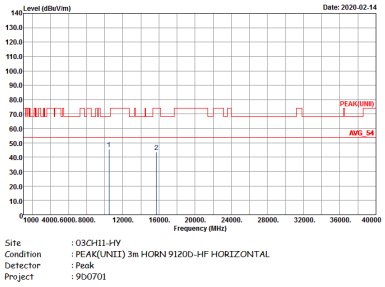
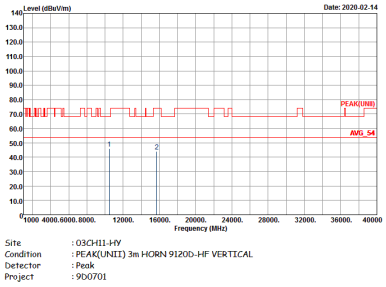
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 1 - 5150~5250MHz

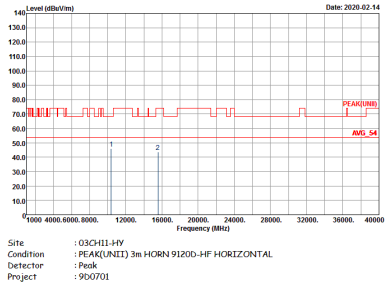
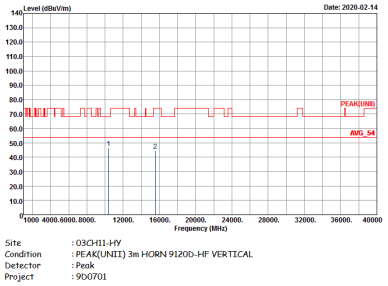
WIFI 802.11ax HE20(FULL RU) (Harmonic @ 3m)

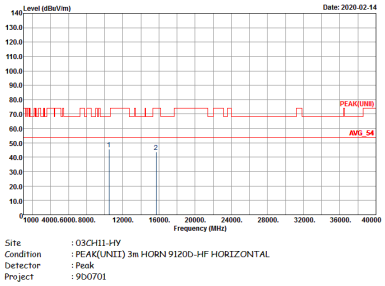
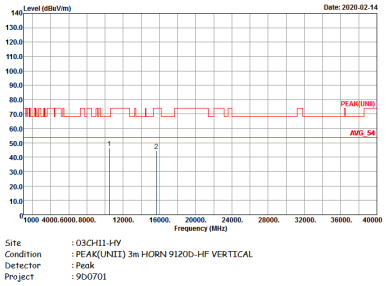
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20(FULL RU) CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20(FULL RU) CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.		

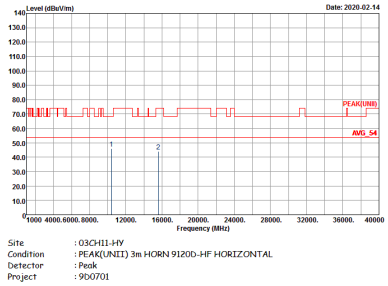
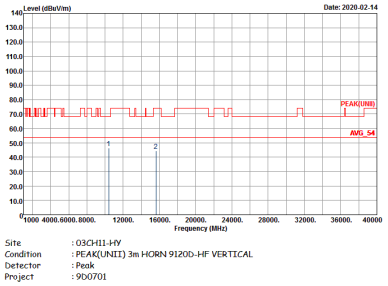
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20(FULL RU) CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz
WIFI 802.11ax HE40(FULL RU) (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40(FULL RU) CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.		

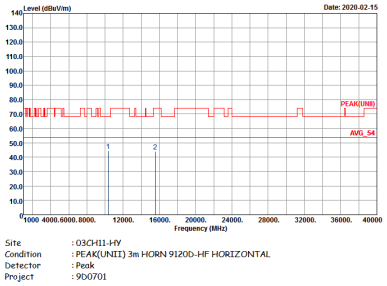
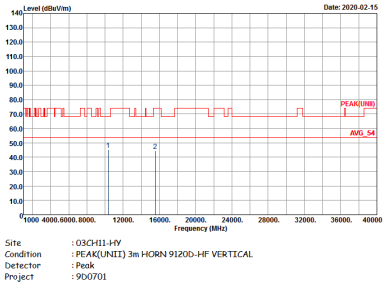
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40(FULL RU) CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.		

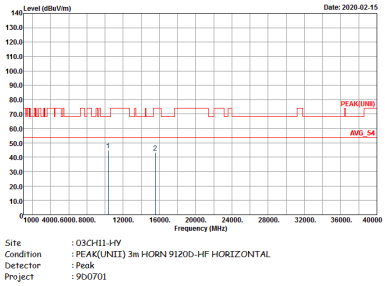
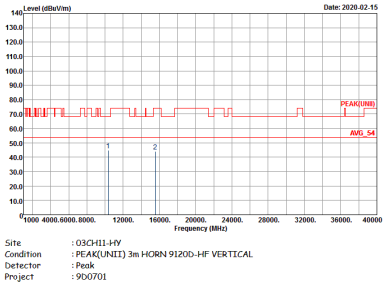
Band 1 5150~5250MHz
WIFI 802.11ax HE80(FULL RU) (Harmonic @ 3m)

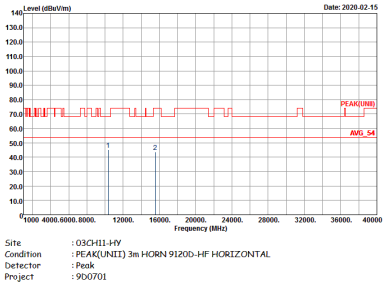
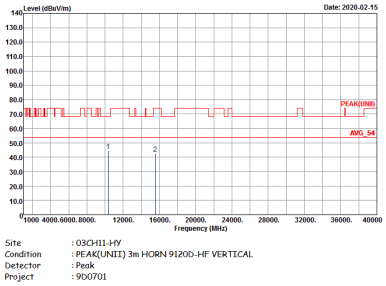
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80(FULL RU) CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11ax HE20(Partial RU) (Harmonic @ 3m)

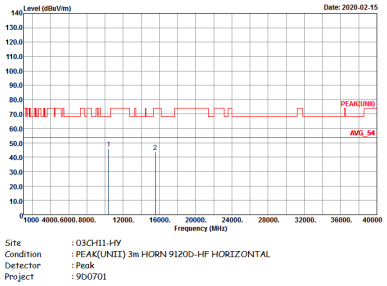
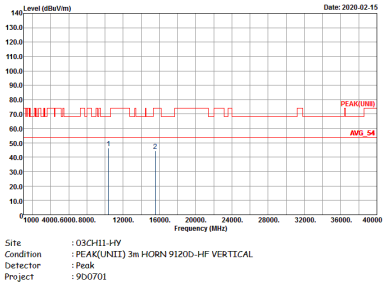
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20(RU 26/0) CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20(RU 52/37) CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20(RU 106/53) CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

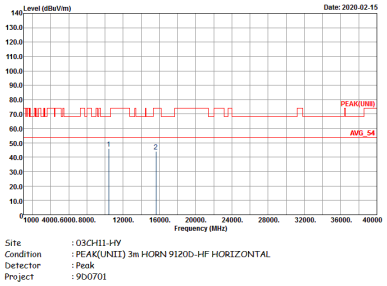
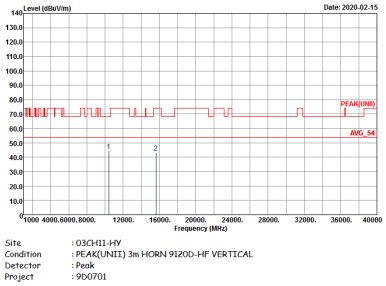
Band 1 5150~5250MHz

WIFI 802.11ax HE40(Partial RU) (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40(RU 242/61) CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.		

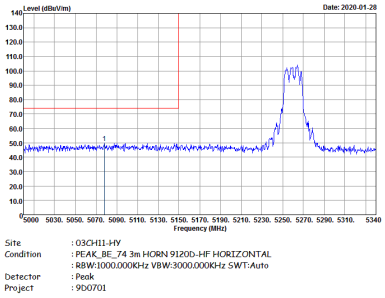
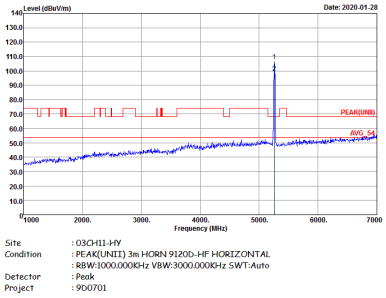
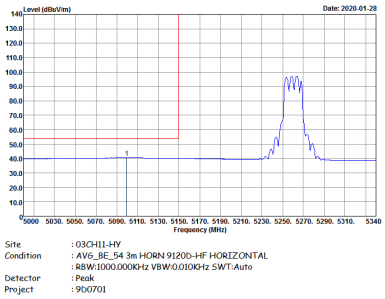
Band 1 5150~5250MHz

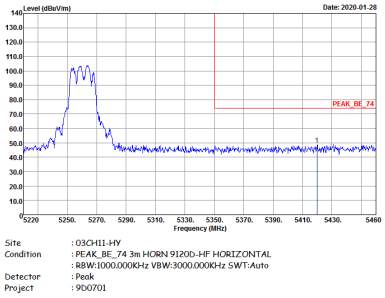
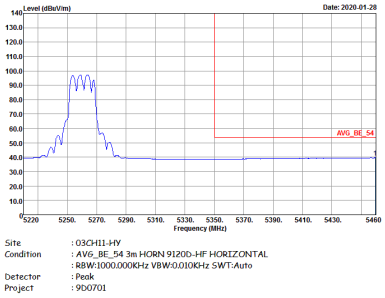
WIFI 802.11ax HE80(Partial RU) (Harmonic @ 3m)

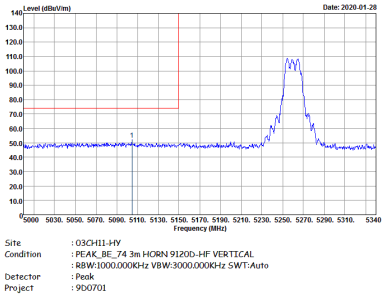
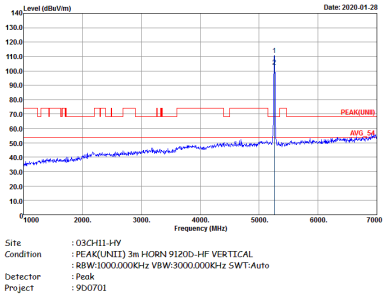
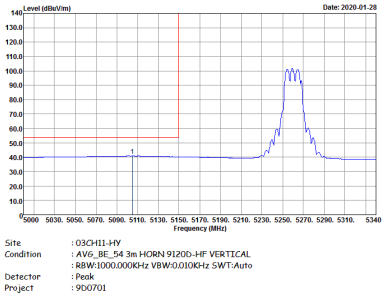
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80(RU 484/65) CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.		

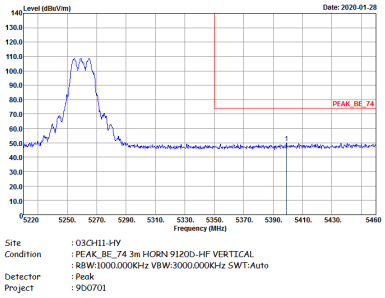
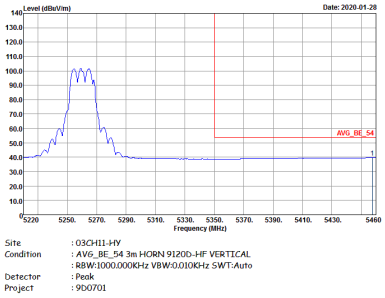
Band 2 - 5250~5350MHz

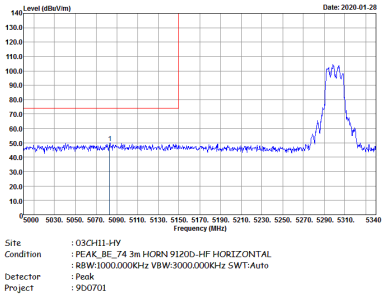
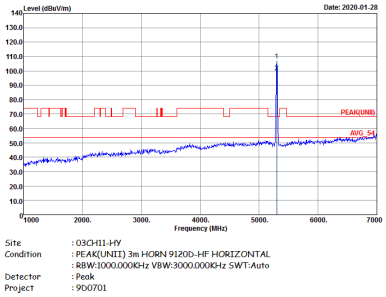
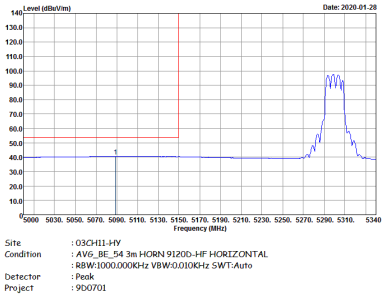
WIFI 802.11a (Band Edge @ 3m)

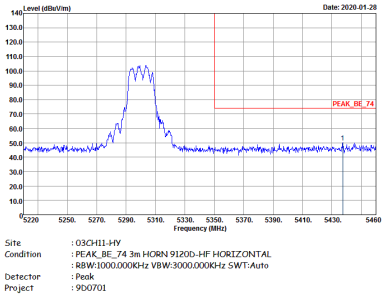
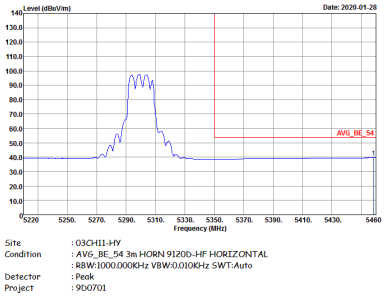
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

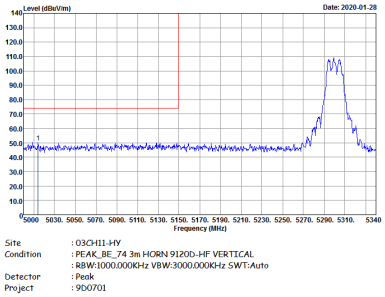
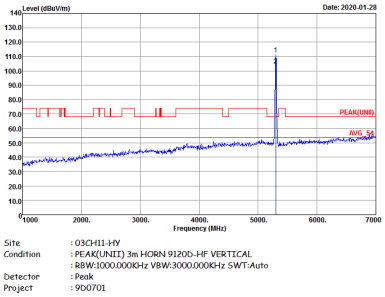
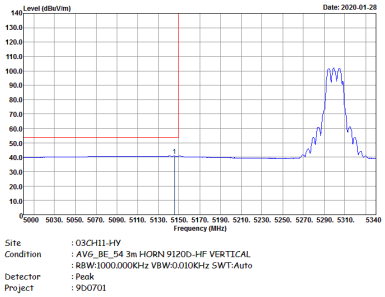
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

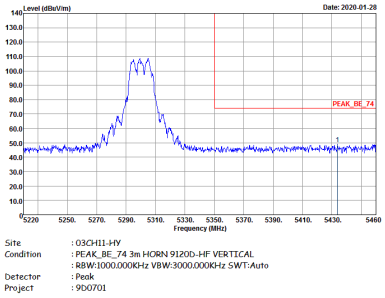
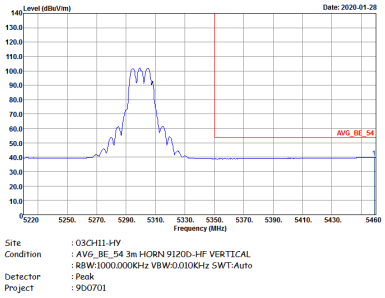
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

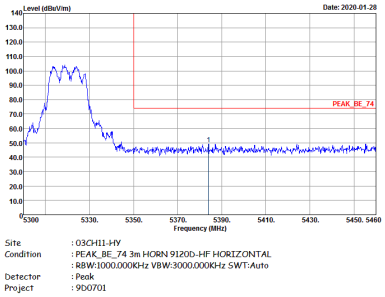
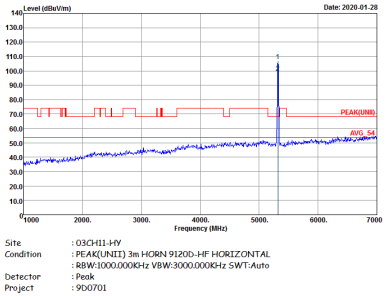
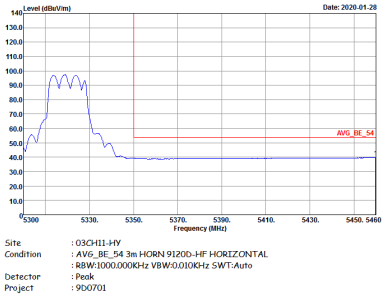
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

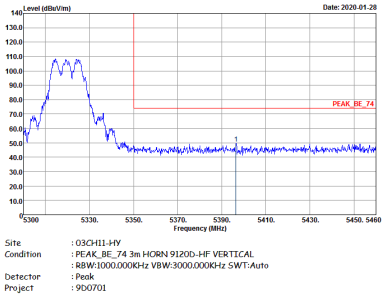
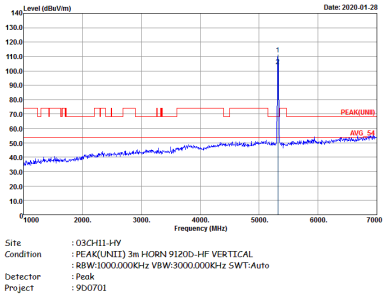
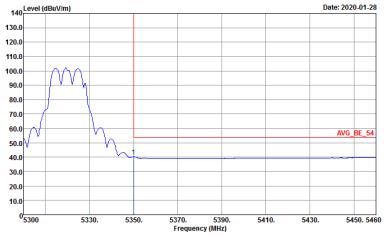
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

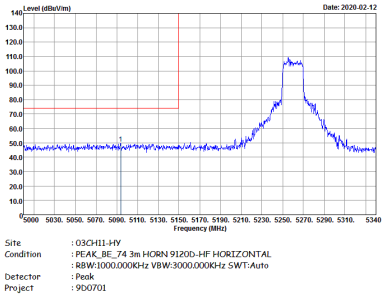
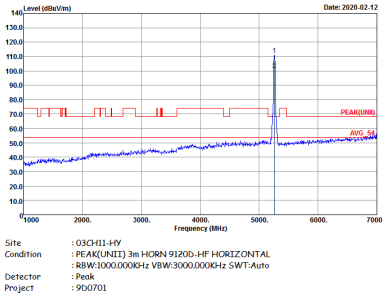
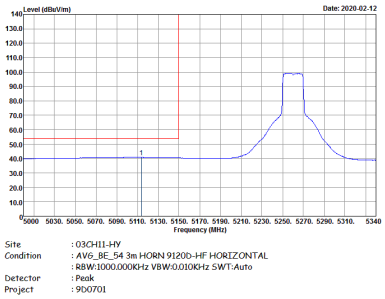
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

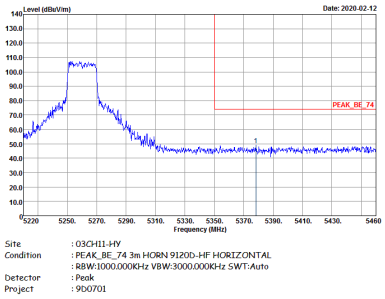
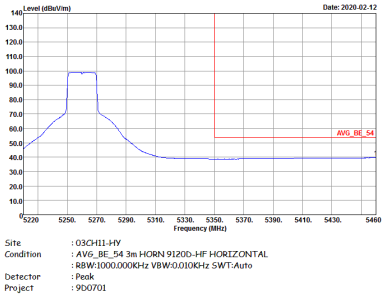
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

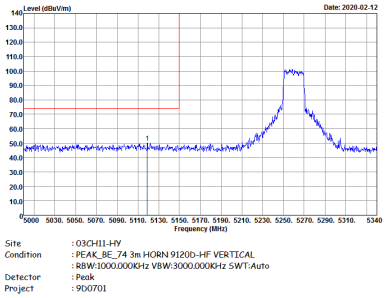
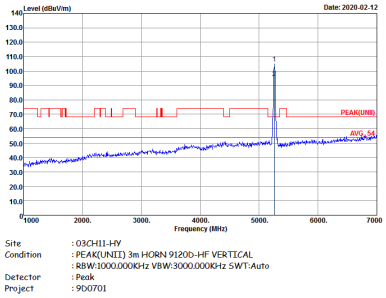
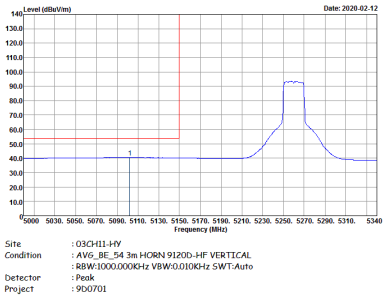
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D0701	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D0701
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 9D0701	Left blank

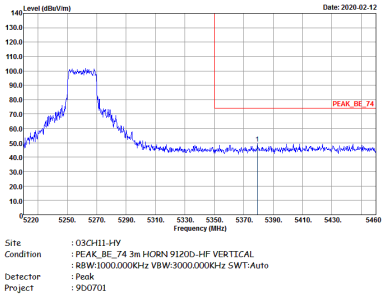
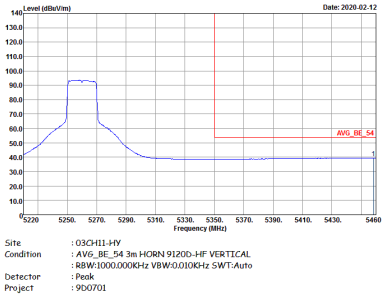
Band 2 - 5250~5350MHz

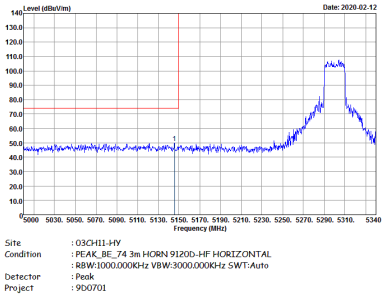
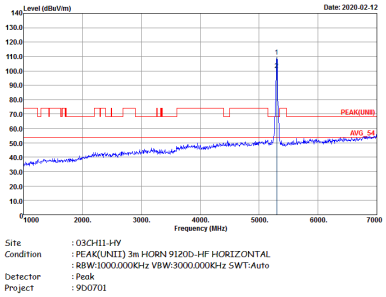
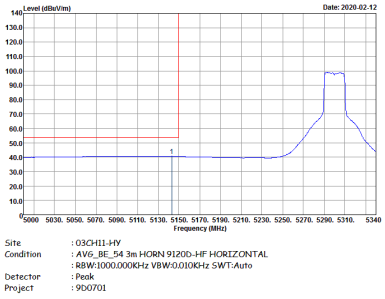
WIFI 802.11ax HE20(FULL RU) (Band Edge @ 3m)

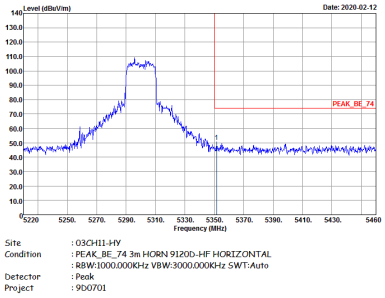
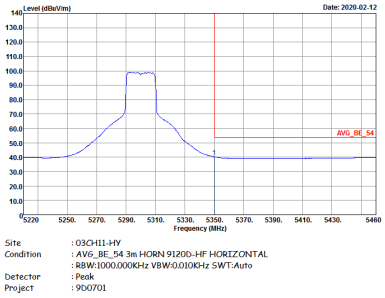
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

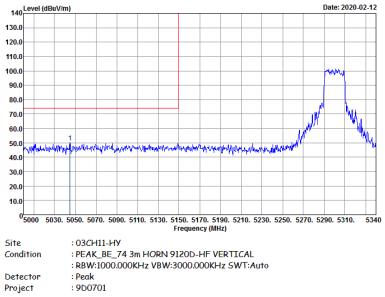
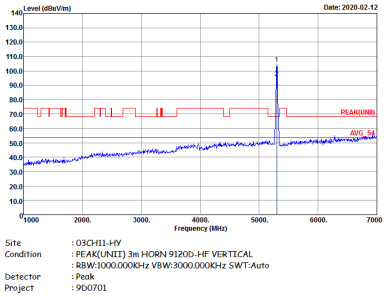
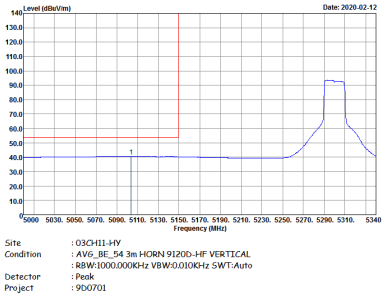
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

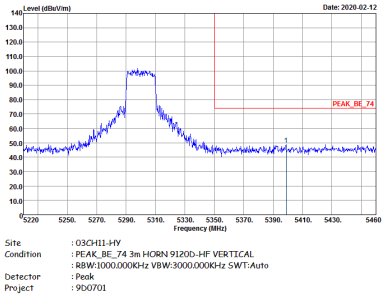
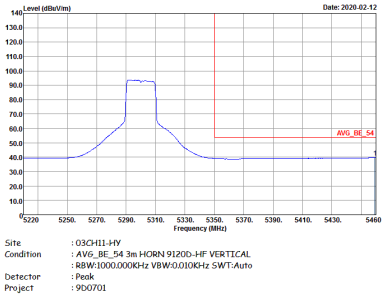
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

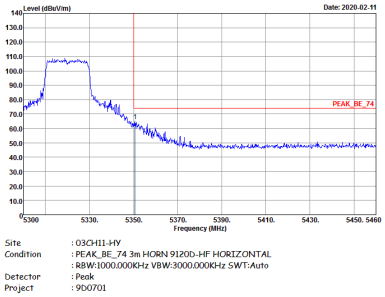
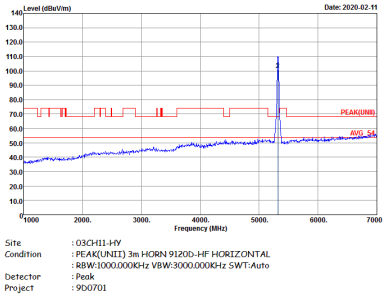
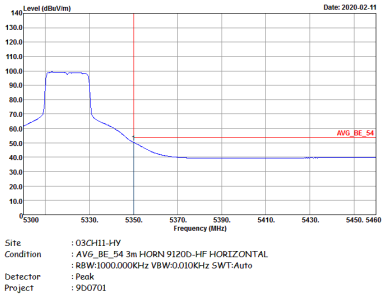
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

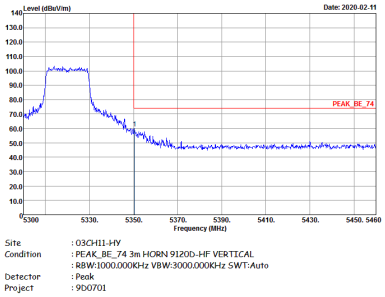
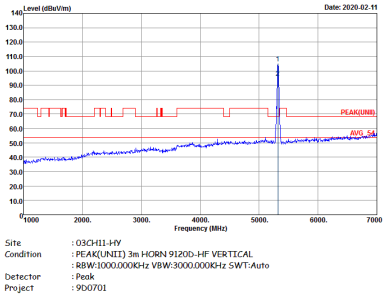
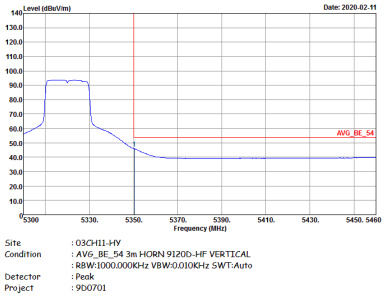
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

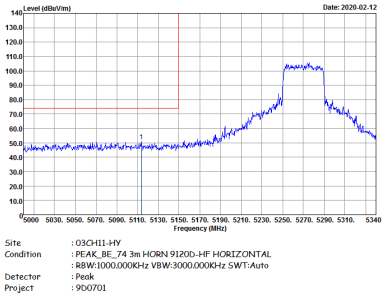
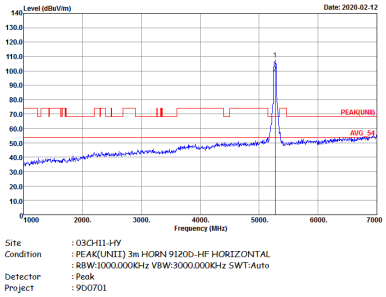
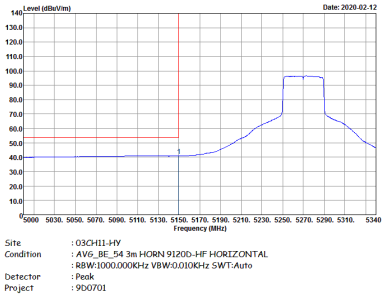
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

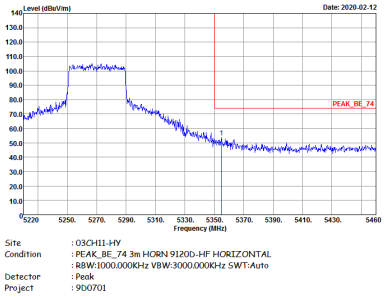
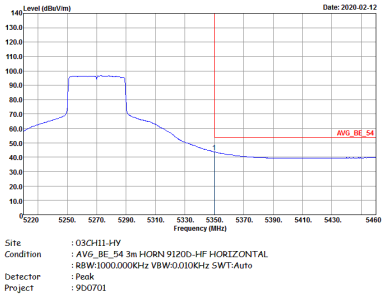
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

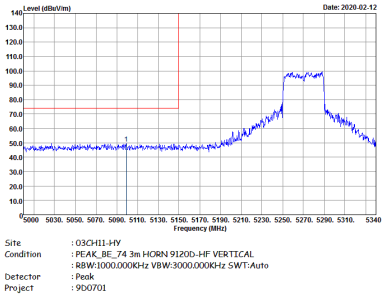
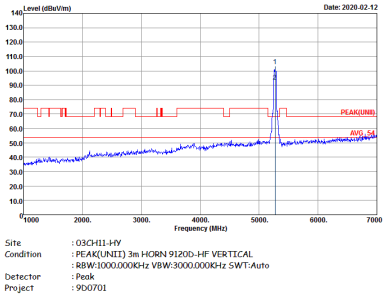
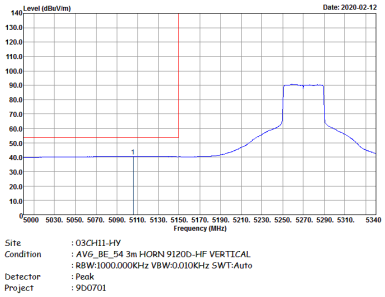
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

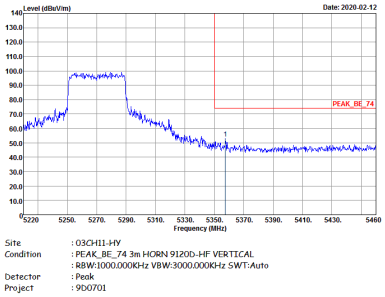
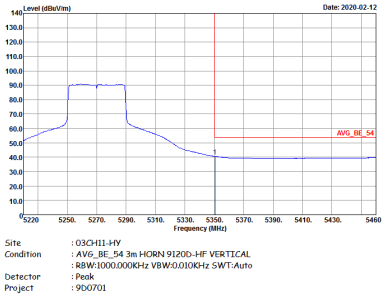
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(FULL RU) CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

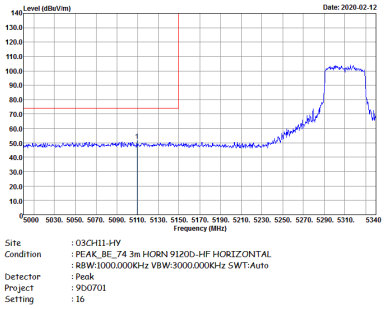
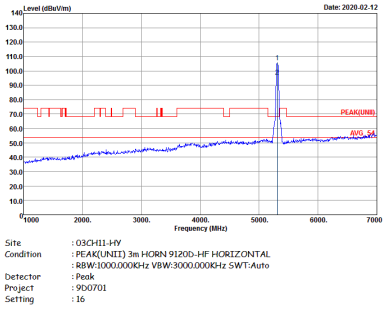
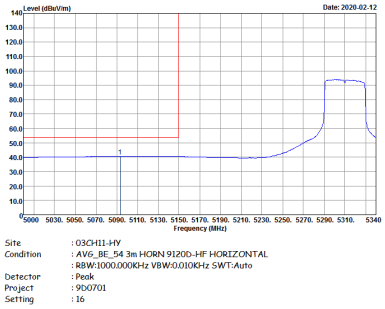
Band 2 5250~5350MHz
WIFI 802.11ax HE40(FULL RU) (Band Edge @ 3m)

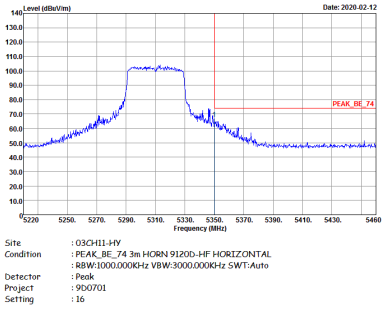
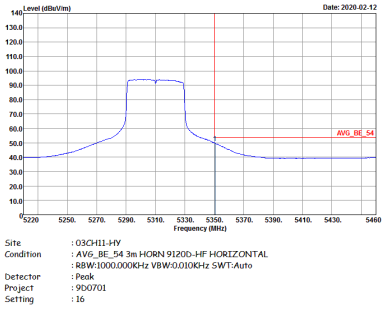
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH54 5270MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

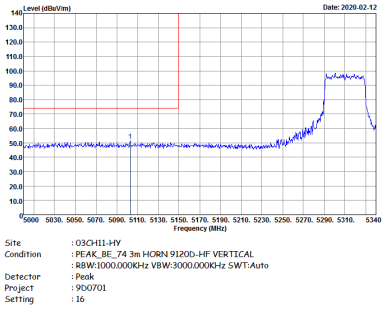
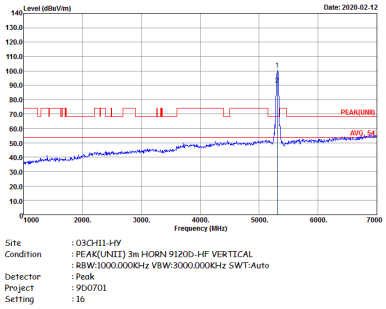
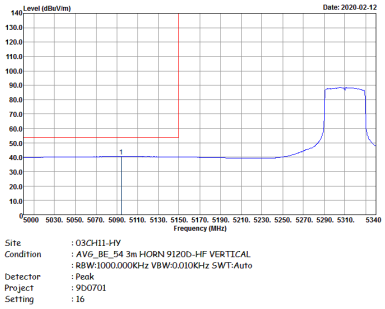
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH54 5270MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

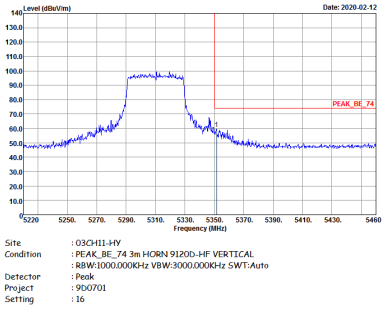
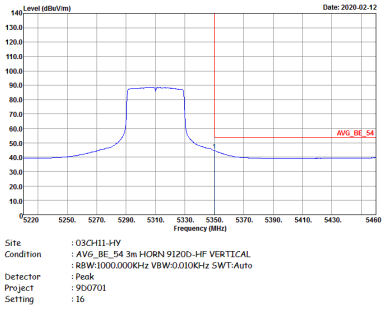
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH54 5270MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

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

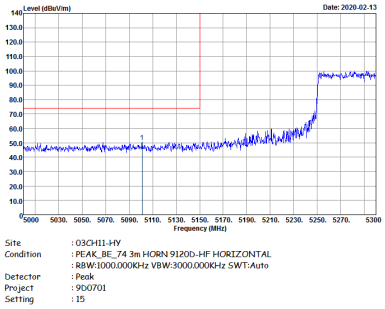
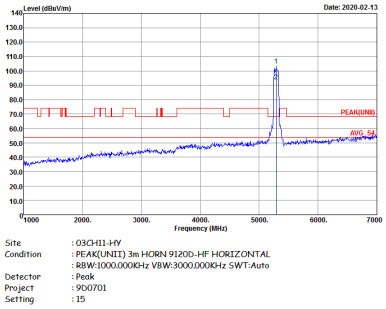
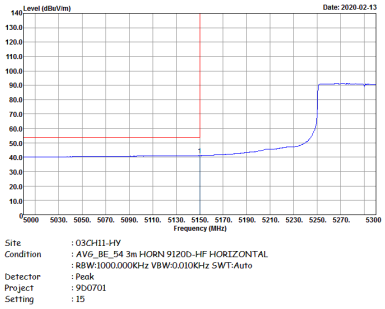
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH62 5310MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

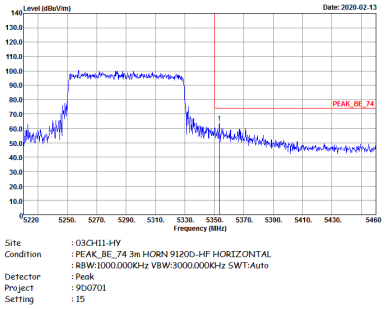
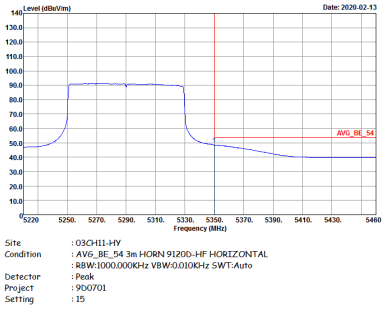
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH62 5310MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

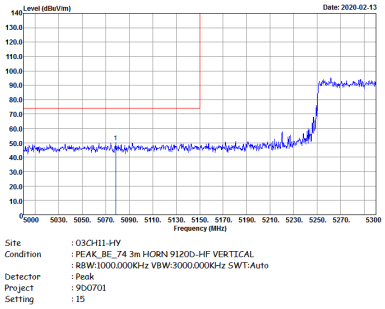
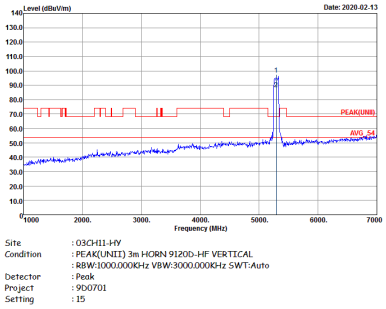
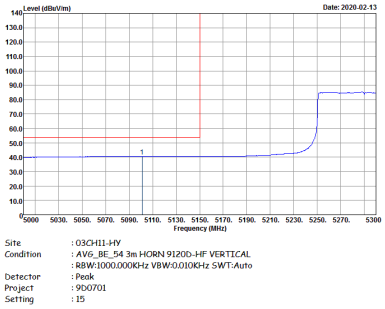
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH62 5310MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

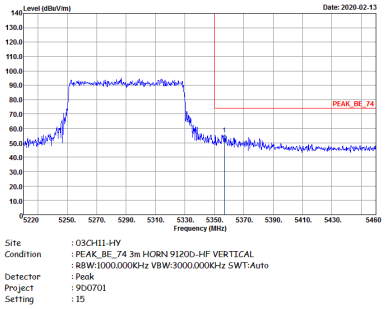
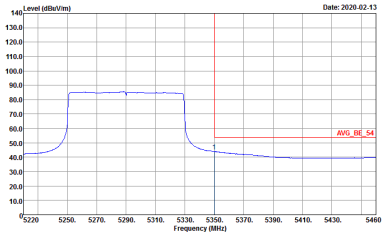
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(FULL RU) CH62 5310MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 5250~5350MHz
WIFI 802.11ax HE80(FULL RU) (Band Edge @ 3m)

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

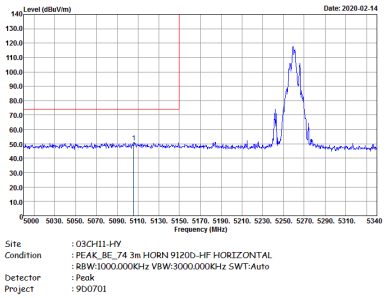
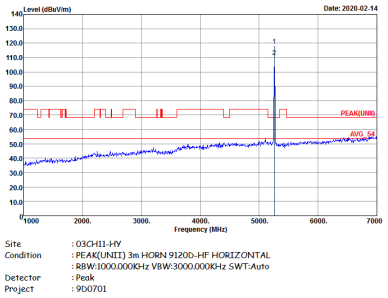
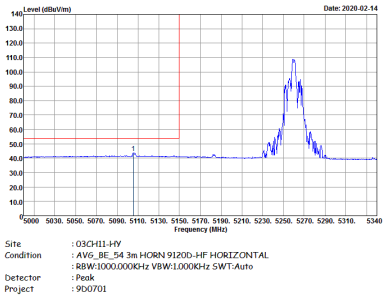
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80(FULL RU) CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

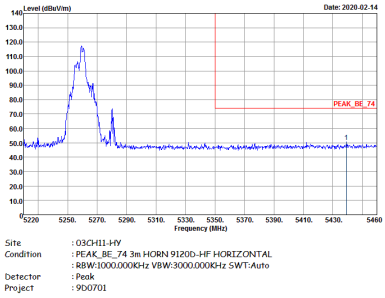
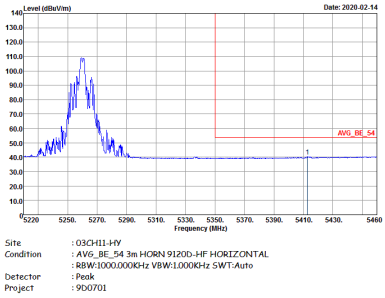
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80(FULL RU) CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

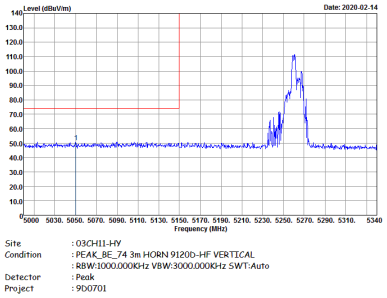
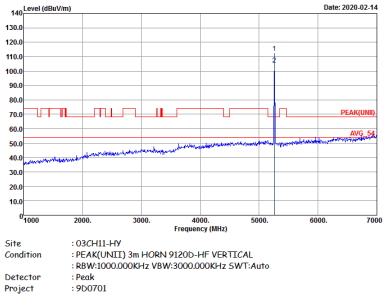
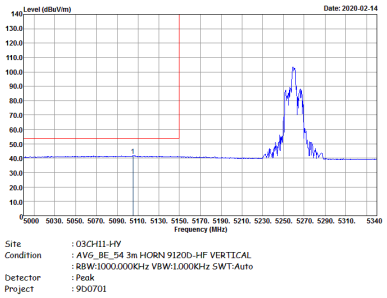
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80(FULL RU) CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 9D0701 Setting : 15	Left blank

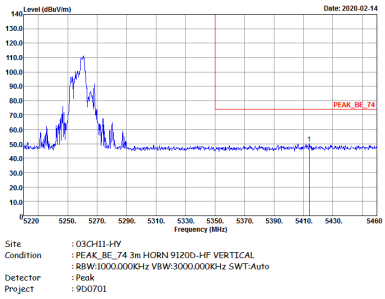
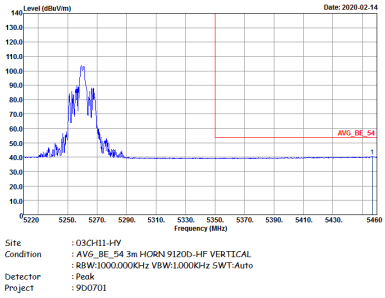
Band 2 5250~5350MHz

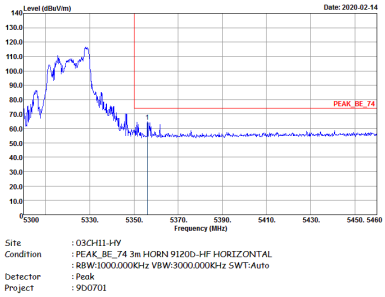
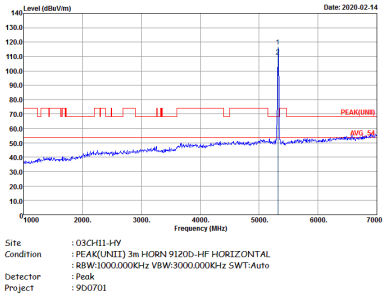
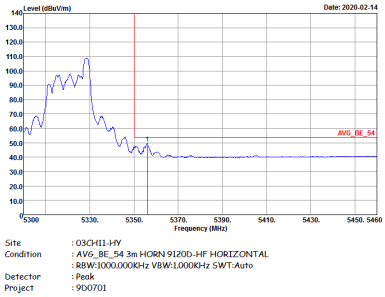
WIFI 802.11ax HE20(Partial RU) (Band Edge @ 3m)

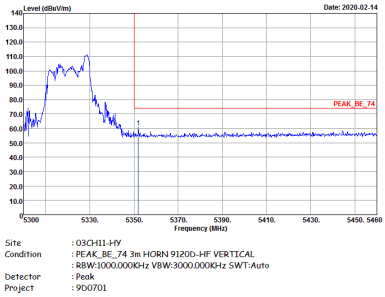
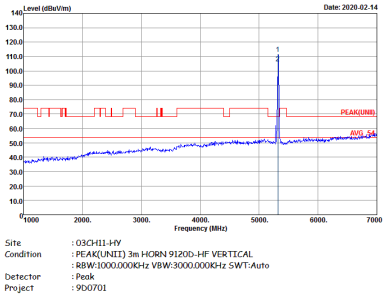
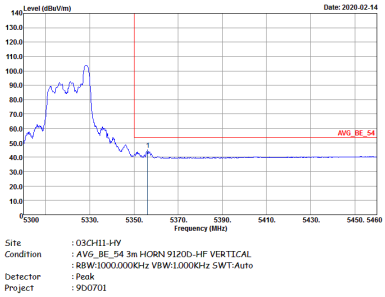
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 26/4) CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

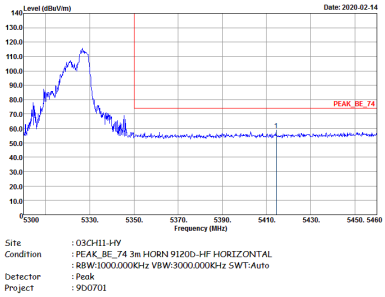
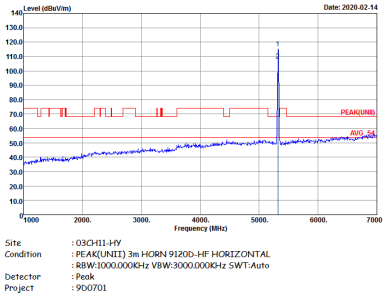
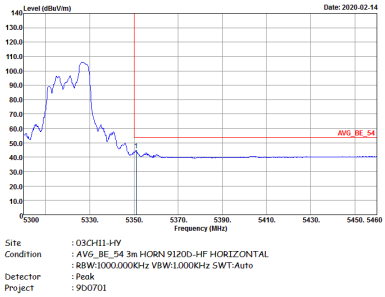
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 26/4) CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

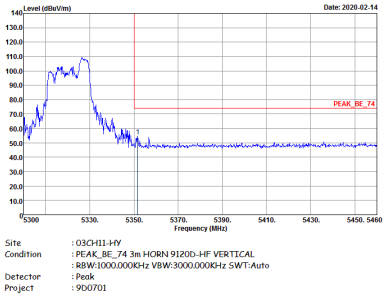
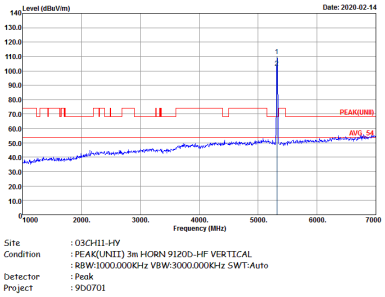
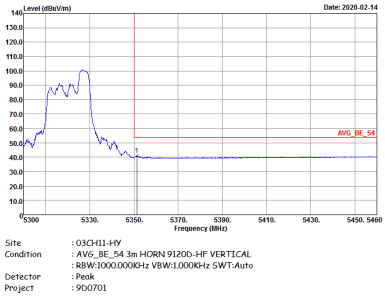
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 26/4) CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

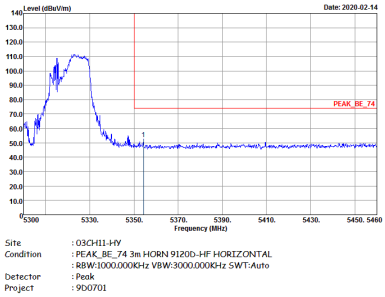
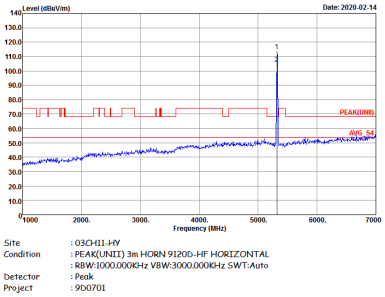
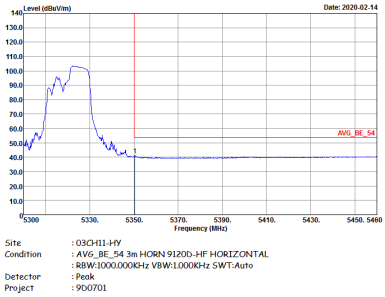
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 26/4) CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

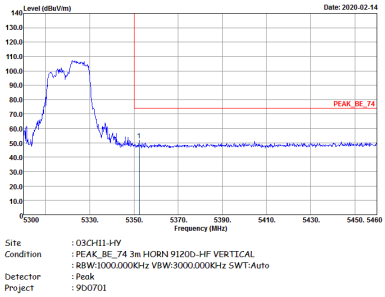
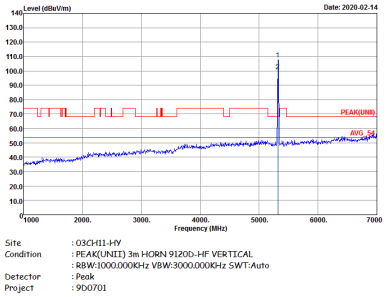
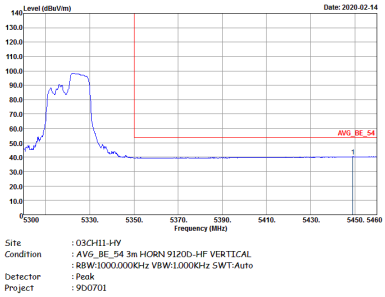
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 26/8) CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 26/8) CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 52/40) CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

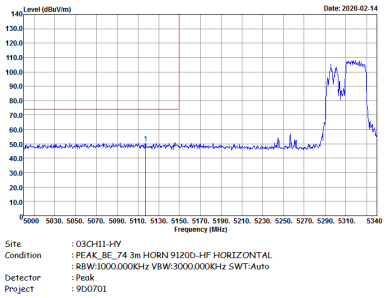
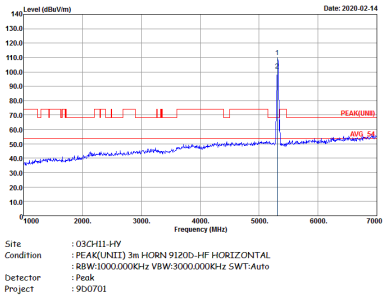
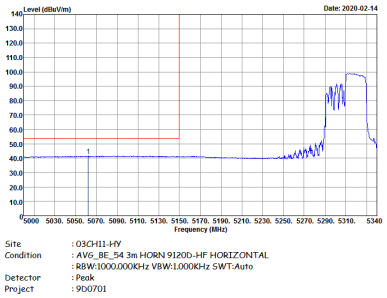
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 52/40) CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

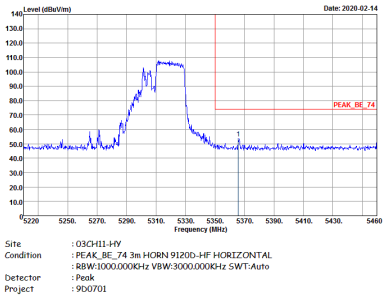
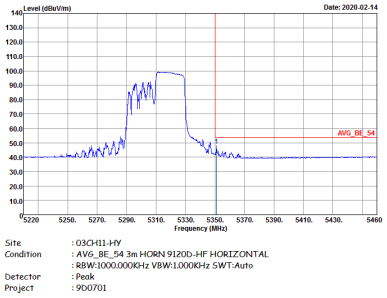
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 106/54) CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

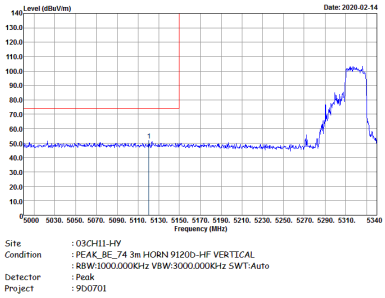
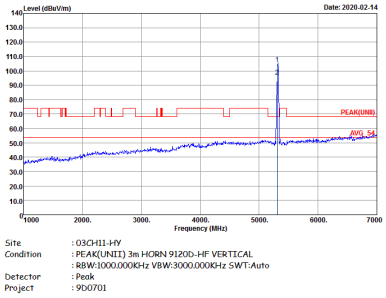
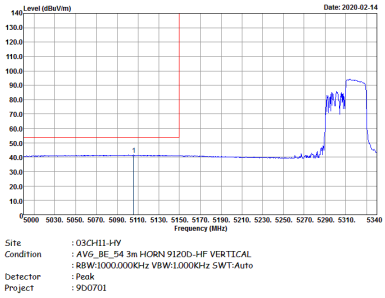
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20(RU 106/54) CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

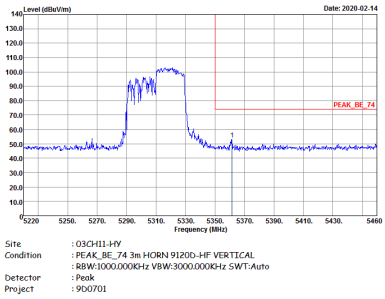
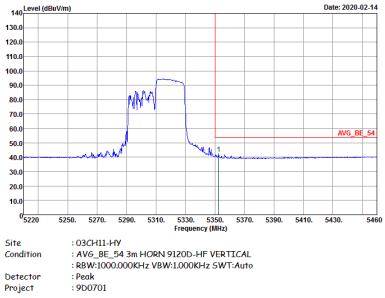
Band 2 5250~5350MHz

WIFI 802.11ax HE40(Partial RU) (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(RU 242/62) CH62 5310MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

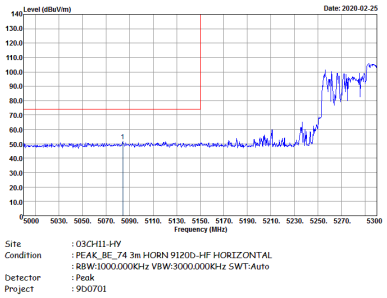
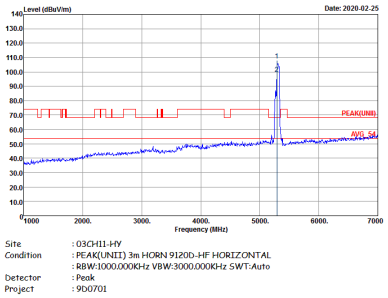
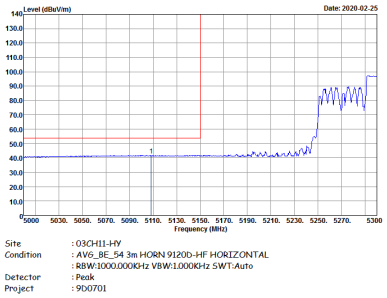
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(RU 242/62) CH62 5310MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

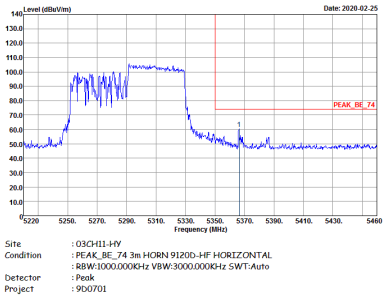
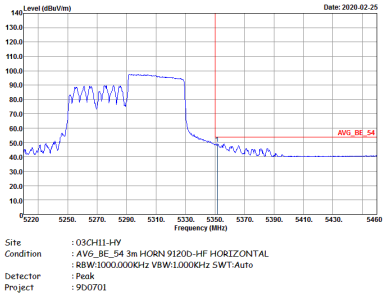
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(RU 242/62) CH62 5310MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

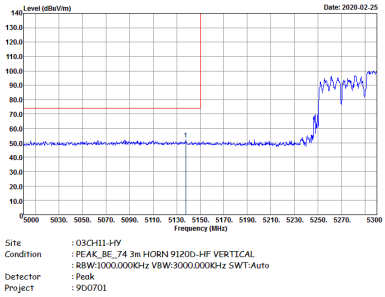
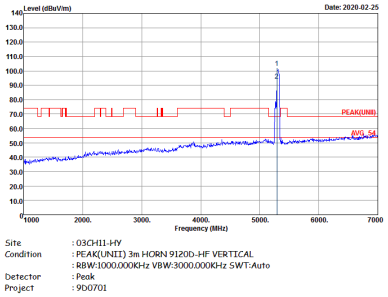
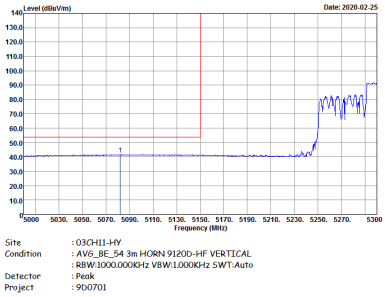
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40(RU 242/62) CH62 5310MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

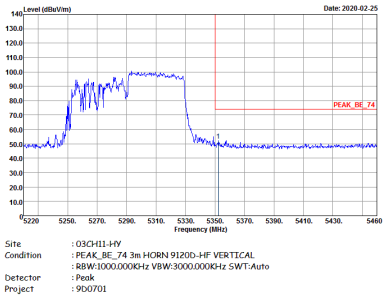
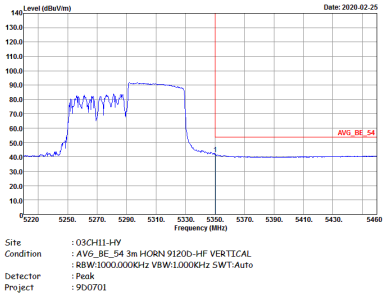
Band 2 5250~5350MHz

WIFI 802.11ax HE80(Partial RU) (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80(RU 484/66) CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

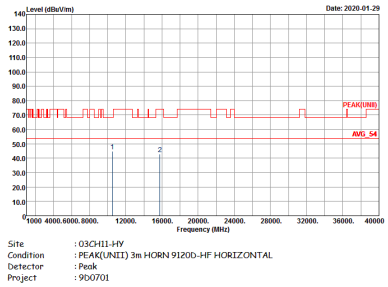
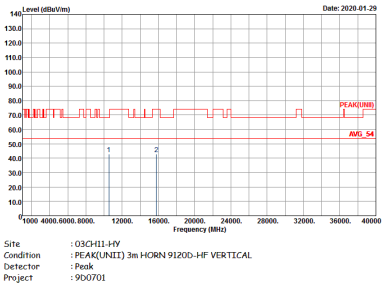
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80(RU 484/66) CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80(RU 484/66) CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80(RU 484/66) 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.