



FCC RADIO TEST REPORT

FCC ID : 2AUQI-7436
Equipment : HDMI Digital Media Receiver
Model Name : S3L46N
Applicant : PROJECT 710 L.L.C.
101 Merritt 7 Corporate Park, 3rd floor
Norwalk, CT 06851
United States
Standard : FCC Part 15 Subpart E §15.407

The product was received on Mar. 23, 2020 and testing was started from Apr. 06, 2020 and completed on Jun. 02, 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
FR020402-01D	01	Initial issue of report	Jun. 24, 2020

Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Wii Chang

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	HDMI Digital Media Receiver
Model Name	S3L46N
FCC ID	2AUQI-7436
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	<5180 MHz ~ 5240 MHz> MIMO <Ant. 0+1> 802.11a : 19.11 dBm / 0.0815 W 802.11n HT20 : 19.16 dBm / 0.0824 W 802.11n HT40 : 19.81 dBm / 0.0957 W 802.11ac VHT20: 18.86 dBm / 0.0769 W 802.11ac VHT40: 19.71 dBm / 0.0935 W 802.11ac VHT80: 13.81 dBm / 0.0240 W <5260 MHz ~ 5320 MHz> MIMO <Ant. 0+1> 802.11a : 19.27 dBm / 0.0845 W 802.11n HT20 : 19.22 dBm / 0.0836 W 802.11n HT40 : 20.17 dBm / 0.1040 W 802.11ac VHT20: 19.01 dBm / 0.0796 W 802.11ac VHT40: 20.02 dBm / 0.1005 W 802.11ac VHT80: 13.37 dBm / 0.0217 W <5500 MHz ~ 5720 MHz > MIMO <Ant. 0+1> 802.11a : 19.58 dBm / 0.0908 W 802.11n HT20 : 19.77 dBm / 0.0948 W 802.11n HT40 : 20.36 dBm / 0.1086 W 802.11ac VHT20: 19.57 dBm / 0.0906 W 802.11ac VHT40: 20.26 dBm / 0.1062 W 802.11ac VHT80: 20.16 dBm / 0.1038 W

Standards-related Product Specification	
99% Occupied Bandwidth	MIMO <Ant. 0> 802.11a : 16.70 MHz 802.11n HT20 : 17.80 MHz 802.11n HT40 : 36.40 MHz 802.11ac VHT80 : 76.56 MHz MIMO <Ant. 1> 802.11a : 16.65 MHz 802.11n HT20 : 17.75 MHz 802.11n HT40 : 36.40 MHz 802.11ac VHT80 : 76.56 MHz
Antenna Gain / Gain	<5180 MHz ~ 5240 MHz> <Ant. 0>: PCB Inv F type Antenna with gain 5.12 dBi <Ant. 1>: PCB Inv F type Antenna with gain 5.52 dBi <5260 MHz ~ 5320 MHz> <Ant. 0>: PCB Inv F type Antenna with gain 5.06 dBi <Ant. 1>: PCB Inv F type Antenna with gain 4.97 dBi <5500 MHz ~ 5720 MHz > <Ant. 0>: PCB Inv F type Antenna with gain 5.12 dBi <Ant. 1>: PCB Inv F type Antenna with gain 4.72 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Remark: MIMO Ant. 0+1 is a calculated result from sum of the power MIMO Ant. 0 and MIMO Ant. 1.

1.3 Modification of EUT

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



1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, 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.	
	03CH16-HY	

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

FCC designation No.: TW1190 and TW0007

1.5 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z and HDMI Extender Cable. The worst cases (EUT without HDMI Extender Cable and X 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	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + MPEG4 + USB Cable (Charging from Adapter) + HDMI Extender Cable + TV: Sharp LC-50UA6800T (TV Resolution: 720p_60Hz_10b_HDR10)
Remark: For Radiated Test Cases, the tests were performed with USB Cable 1.	

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

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

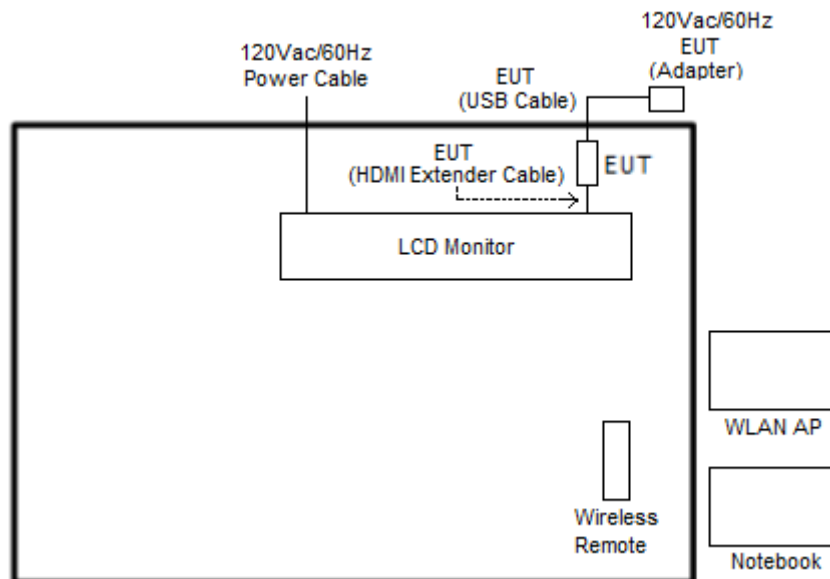
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

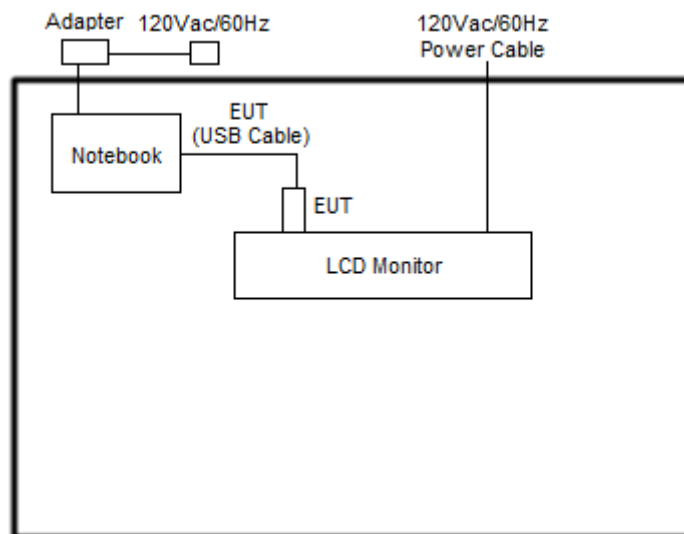
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

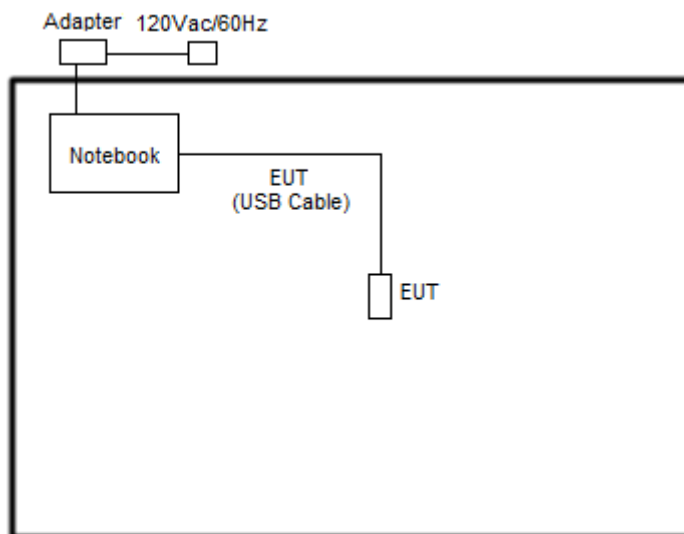
2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx for EUT without HDMI Extender>



<WLAN Tx for X Plane>

2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Notebook	Lenovo	L570	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	LCD Monitor	Sharp	LC-50UA6800T	FCC DoC	Shielded, 1.6m	Unshielded,1.8m
5.	LCD Monitor	DELL	P2715Qt	N/A	N/A	N/A
6.	Wireless Remote	N/A	L5B83H	2AN7U-5463	N/A	N/A



2.5 EUT Operation Test Setup

The RF test items, utility "Compliance v1.0.0.71" 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.

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

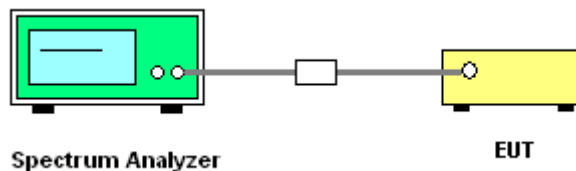
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

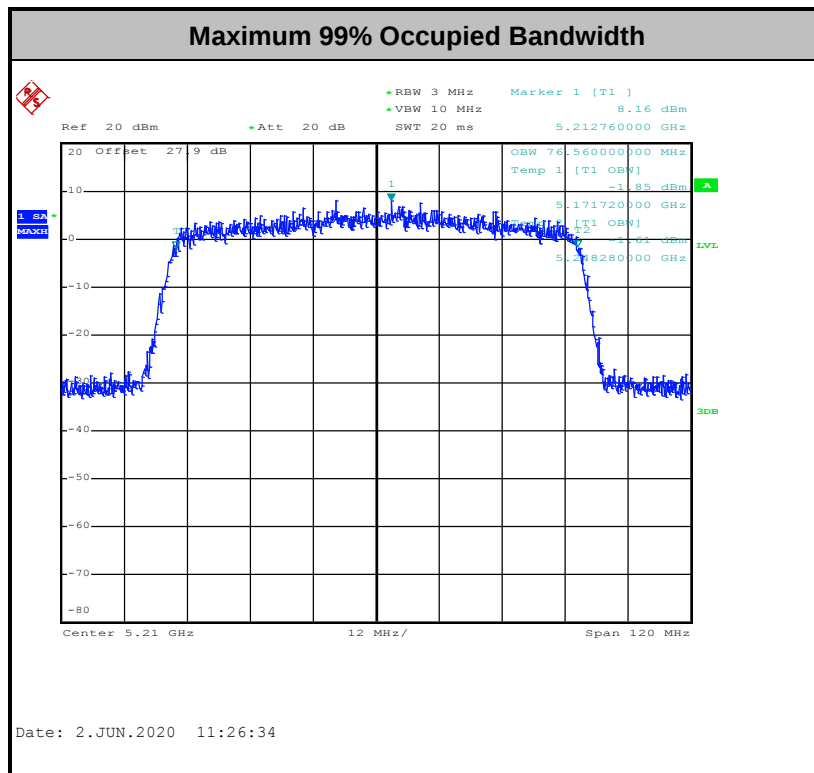
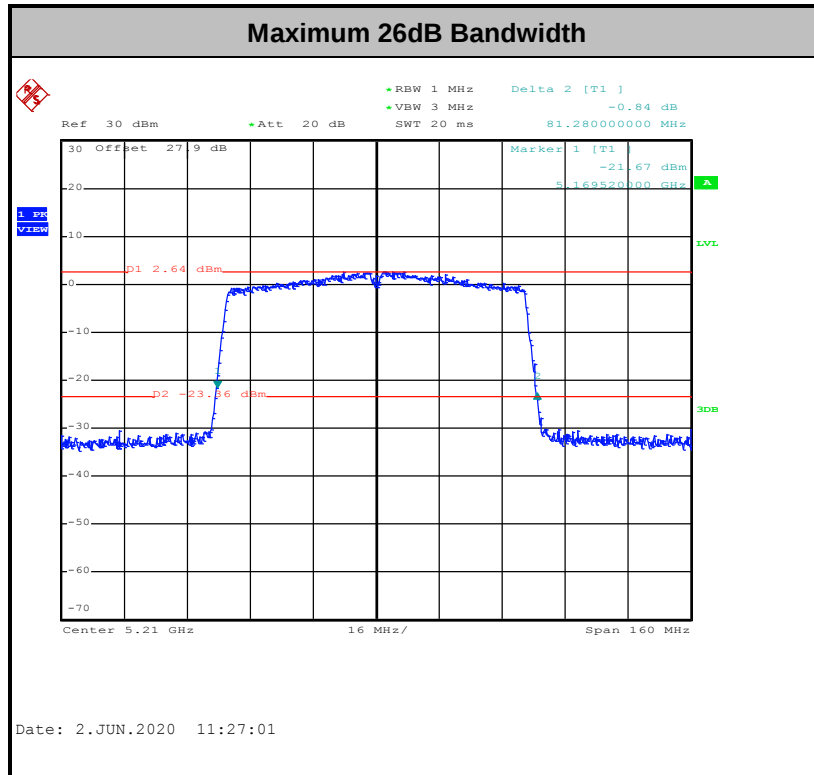
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

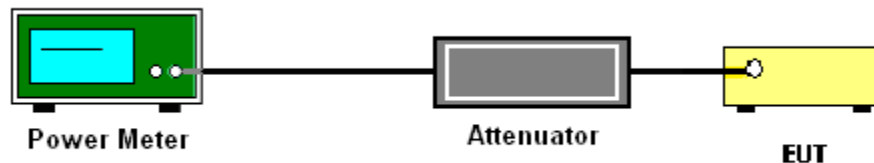
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using 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

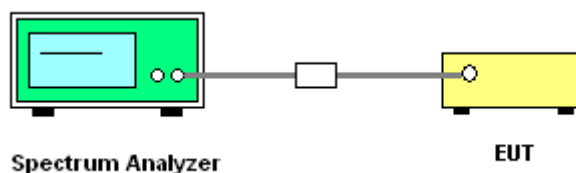
(power averaging (rms) detection with max hold):

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

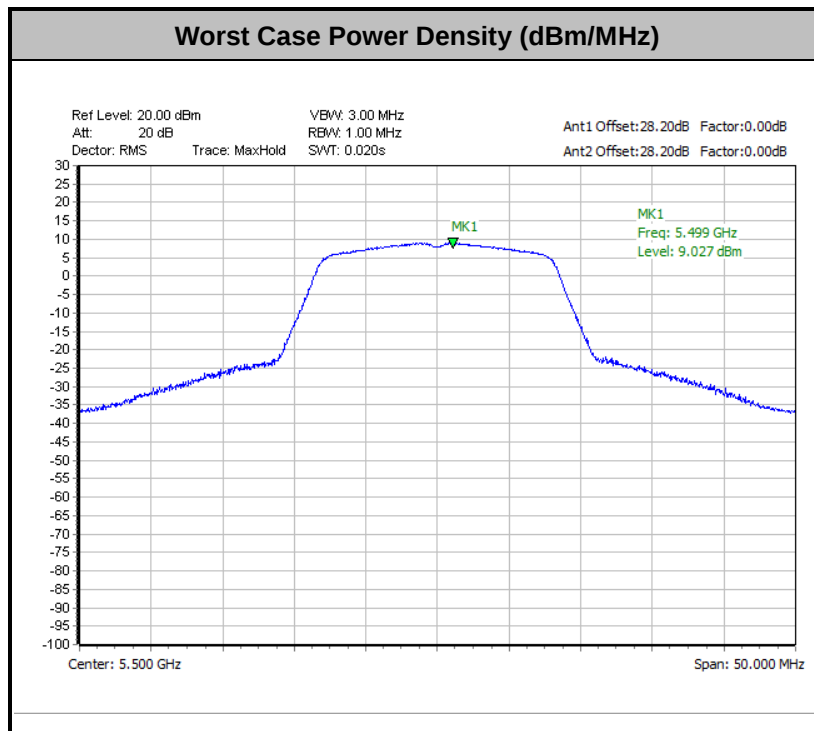
3.3.4 Test Setup





3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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.

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



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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

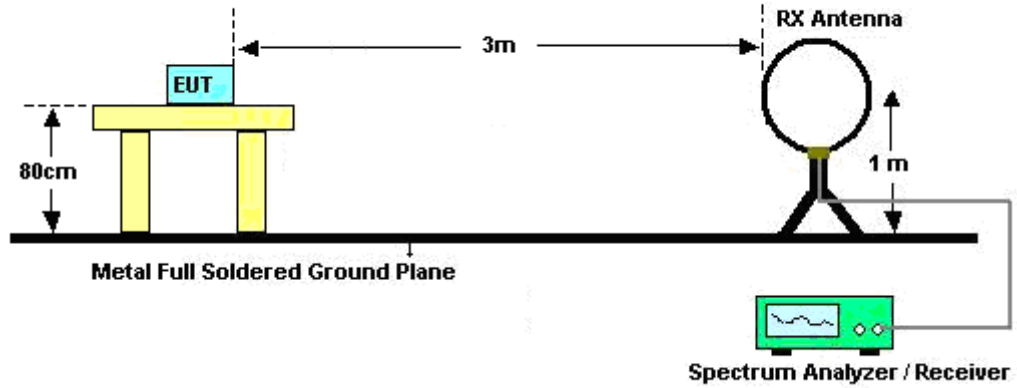
- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

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

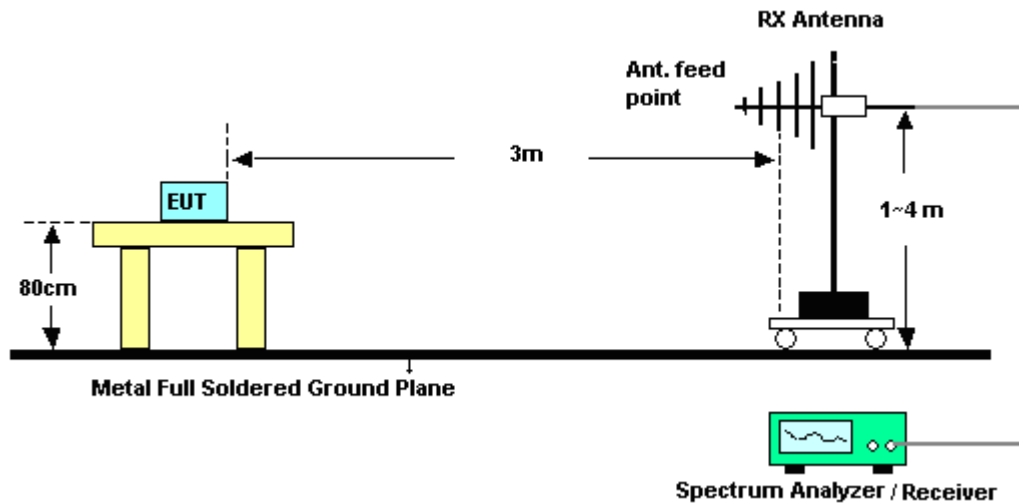
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. 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

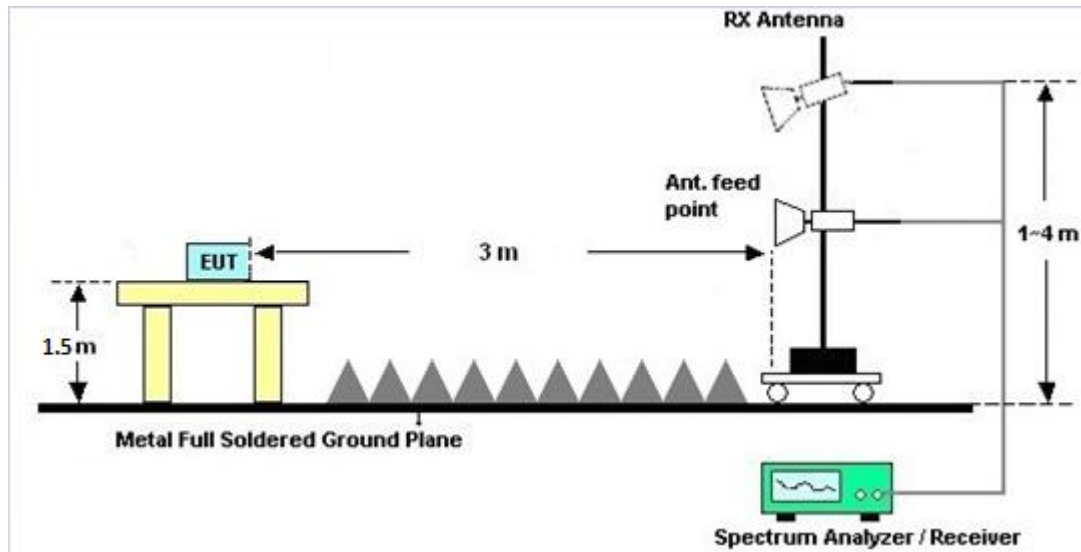
For radiated emissions below 30MHz



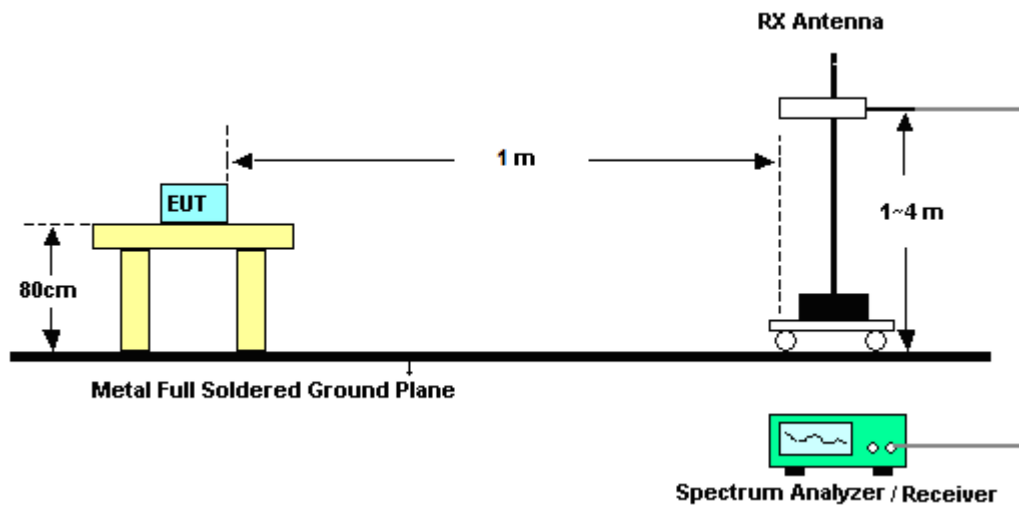
For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



For radiated emissions above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

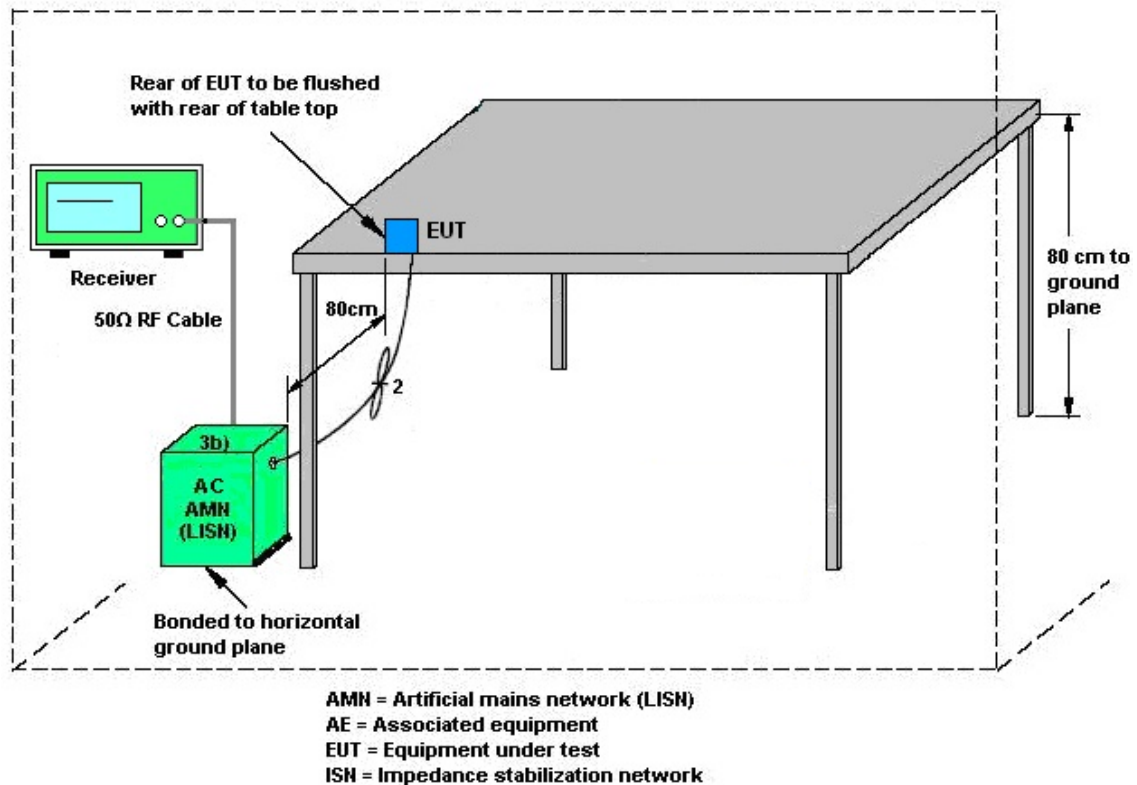
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

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

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

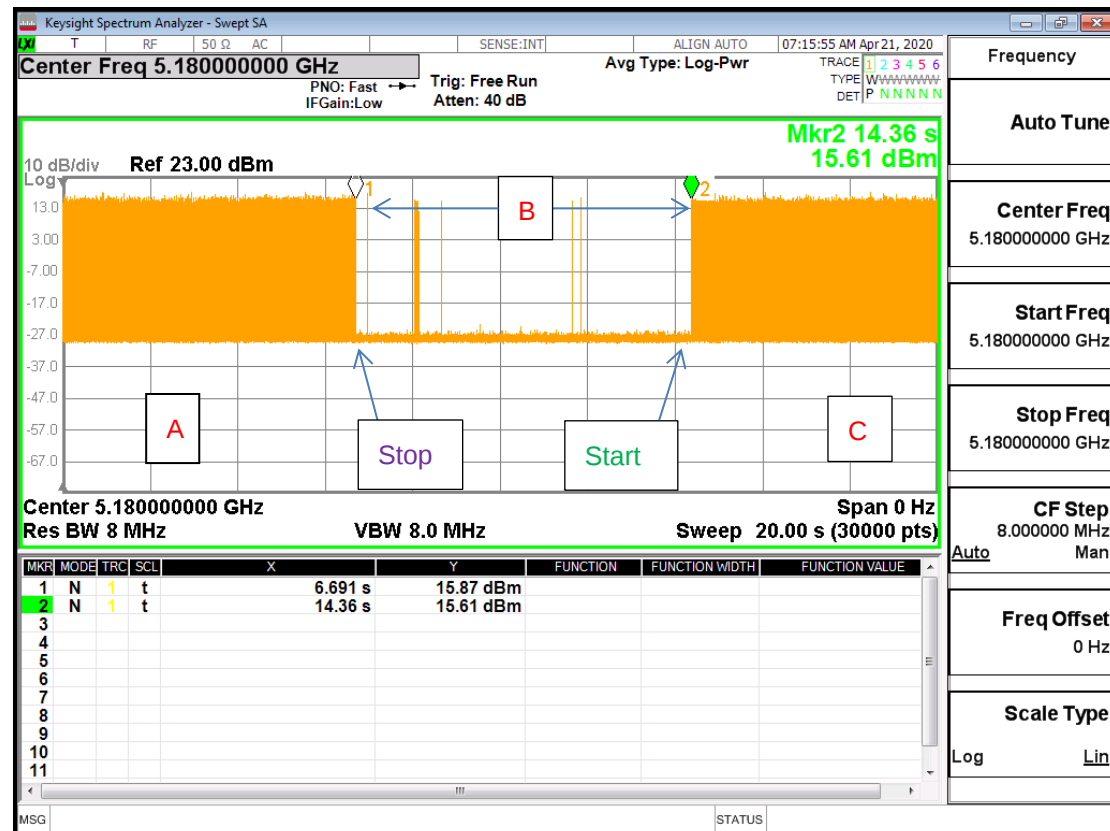
While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

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

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



5180MHz



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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	5.12	5.52	5.52	8.33	0.00	2.33
Band II	5.06	4.97	5.06	8.03	0.00	2.03
Band III	5.12	4.72	5.12	7.93	0.00	1.93

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
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	Apr. 13, 2020~ Jun. 02, 2020	Jun. 16, 2020	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	Apr. 13, 2020~ Jun. 02, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Aug. 14, 2019	Apr. 13, 2020~ Jun. 02, 2020	Aug. 13, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Aug. 22, 2019	Apr. 13, 2020~ Jun. 02, 2020	Aug. 21, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 06, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Apr. 06, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 07, 2019	Apr. 06, 2020	Nov. 06, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 20, 2019	Apr. 06, 2020	Nov. 19, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Apr. 06, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 06, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Apr. 06, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Apr. 06, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	May 09, 2020~ May 27, 2020	Jan. 08, 2021	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D&0 0802N1D01N- 06	47020&06	30MHz to 1GHz	Oct. 12, 2019	May 09, 2020~ May 27, 2020	Oct. 11, 2020	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-152 2	1G~18GHz	Sep. 19, 2019	May 09, 2020~ May 27, 2020	Sep. 18, 2020	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 980	18GHz~40GHz	Jan. 10, 2020	May 09, 2020~ May 27, 2020	Jan. 09, 2021	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Oct. 01, 2019	May 09, 2020~ May 27, 2020	Sep. 30, 2020	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055006	1GHz~18GHz	May 07, 2020	May 09, 2020~ May 27, 2020	May 06, 2021	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055007	1GHz~18GHz	Mar. 31, 2020	May 09, 2020~ May 27, 2020	Mar. 30, 2021	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~40GHz	Dec. 13, 2019	May 09, 2020~ May 27, 2020	Dec. 12, 2020	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY532702 64	1GHz~26.5GHz	Dec. 11, 2019	May 09, 2020~ May 27, 2020	Dec. 10, 2020	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY572901 11	3Hz~26.5GHz	Dec. 05, 2019	May 09, 2020~ May 27, 2020	Dec. 04, 2020	Radiation (03CH16-HY)
Spectrum Analyzer	Agilent	E4446A	MY501801 36	3Hz~44GHz	May 04, 2020	May 09, 2020~ May 27, 2020	May 03, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/ 4PE	NA	Aug. 30, 2019	May 09, 2020~ May 27, 2020	Aug. 29, 2020	Radiation (03CH16-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/4PE	NA	Aug. 30, 2019	May 09, 2020~May 27, 2020	Aug. 29, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5757	NA	Aug. 30, 2019	May 09, 2020~May 27, 2020	Aug. 29, 2020	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303B	TP161243	N/A	Jun. 17, 2019	May 09, 2020~May 27, 2020	Jun. 16, 2020	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	May 09, 2020~May 27, 2020	N/A	Radiation (03CH16-HY)
Spectrum Analyzer	Keysight	N9010A	MY56070412	10Hz~7GHz	Aug. 27, 2019	Apr. 21, 2020	Aug. 26, 2020	DFS (DFS02-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.7
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

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

Test Engineer:	Eason Huang / Rebecca Li/Howard Lin	Temperature:	20.1~24.9	°C
Test Date:	2020/04/13~2020/06/02	Relative Humidity:	45.7~58.8	%

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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	36	5180	16.65	16.50	21.30	21.20	-	-	22.17	-	
11a	6Mbps	2	44	5220	16.65	16.55	21.40	21.50	-	-	22.19	-	
11a	6Mbps	2	48	5240	16.60	16.55	22.90	21.30	-	-	22.19	-	
HT20	MCS0	2	36	5180	17.70	17.70	22.00	21.50	-	-	22.48	-	
HT20	MCS0	2	44	5220	17.80	17.70	21.90	21.70	-	-	22.48	-	
HT20	MCS0	2	48	5240	17.70	17.70	22.00	21.40	-	-	22.48	-	
HT40	MCS0	2	38	5190	36.30	36.10	41.58	41.22	-	-	23.01	-	
HT40	MCS0	2	46	5230	36.30	36.20	41.58	41.40	-	-	23.01	-	
VHT80	MCS0	2	42	5210	76.56	76.44	81.28	80.96	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	15.70	15.20	18.47	24.00		5.52			Pass
11a	6Mbps	2	44	5220	16.30	15.90	19.11	24.00		5.52			Pass
11a	6Mbps	2	48	5240	16.30	15.90	19.11	24.00		5.52			Pass
HT20	MCS0	2	36	5180	15.40	15.10	18.26	24.00		5.52			Pass
HT20	MCS0	2	44	5220	16.30	16.00	19.16	24.00		5.52			Pass
HT20	MCS0	2	48	5240	16.00	15.80	18.91	24.00		5.52			Pass
HT40	MCS0	2	38	5190	14.20	14.00	17.11	24.00		5.52			Pass
HT40	MCS0	2	46	5230	17.00	16.60	19.81	24.00		5.52			Pass
VHT20	MCS0	2	36	5180	15.00	14.60	17.81	24.00		5.52			Pass
VHT20	MCS0	2	44	5220	16.00	15.70	18.86	24.00		5.52			Pass
VHT20	MCS0	2	48	5240	15.90	15.70	18.81	24.00		5.52			Pass
VHT40	MCS0	2	38	5190	13.80	13.60	16.71	24.00		5.52			Pass
VHT40	MCS0	2	46	5230	16.90	16.50	19.71	24.00		5.52			Pass
VHT80	MCS0	2	42	5210	11.00	10.60	13.81	24.00		5.52			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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180			7.72	8.67	8.33			Pass	
11a	6Mbps	2	44	5220			8.41	8.67	8.33			Pass	
11a	6Mbps	2	48	5240			8.43	8.67	8.33			Pass	
HT20	MCS0	2	36	5180			6.76	8.67	8.33			Pass	
HT20	MCS0	2	44	5220			8.48	8.67	8.33			Pass	
HT20	MCS0	2	48	5240			8.22	8.67	8.33			Pass	
HT40	MCS0	2	38	5190			2.98	8.67	8.33			Pass	
HT40	MCS0	2	46	5230			6.65	8.67	8.33			Pass	
VHT80	MCS0	2	42	5210			-2.19	8.67	8.33			Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	16.70	16.55	23.90	21.45	23.19		29.19		23.98		
11a	6Mbps	2	60	5300	16.70	16.60	21.60	21.00	23.20		29.20		23.98		
11a	6Mbps	2	64	5320	16.70	16.60	24.10	21.45	23.20		29.20		23.98		
HT20	MCS0	2	52	5260	17.70	17.70	24.15	25.30	23.48		29.48		23.98		
HT20	MCS0	2	60	5300	17.65	17.65	21.70	21.50	23.47		29.47		23.98		
HT20	MCS0	2	64	5320	17.70	17.65	21.80	21.50	23.47		29.47		23.98		
HT40	MCS0	2	54	5270	36.40	36.30	42.12	41.58	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.30	36.10	41.40	41.40	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.44	76.56	81.28	80.96	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260	16.50	15.60	19.08	23.98		5.06		26.99	Pass
11a	6Mbps	2	60	5300	16.60	15.90	19.27	23.98		5.06		26.99	Pass
11a	6Mbps	2	64	5320	16.60	15.90	19.27	23.98		5.06		26.99	Pass
HT20	MCS0	2	52	5260	16.20	15.90	19.06	23.98		5.06		26.99	Pass
HT20	MCS0	2	60	5300	16.50	15.90	19.22	23.98		5.06		26.99	Pass
HT20	MCS0	2	64	5320	15.80	15.30	18.57	23.98		5.06		26.99	Pass
HT40	MCS0	2	54	5270	17.50	16.80	20.17	23.98		5.06		26.99	Pass
HT40	MCS0	2	62	5310	13.30	12.90	16.11	23.98		5.06		26.99	Pass
VHT20	MCS0	2	52	5260	16.00	15.80	18.91	23.98		5.06		26.99	Pass
VHT20	MCS0	2	60	5300	16.20	15.80	19.01	23.98		5.06		26.99	Pass
VHT20	MCS0	2	64	5320	15.70	15.20	18.47	23.98		5.06		26.99	Pass
VHT40	MCS0	2	54	5270	17.30	16.70	20.02	23.98		5.06		26.99	Pass
VHT40	MCS0	2	62	5310	13.30	12.80	16.07	23.98		5.06		26.99	Pass
VHT80	MCS0	2	58	5290	10.60	10.10	13.37	23.98		5.06		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260			8.56	8.97	8.03			Pass	
11a	6Mbps	2	60	5300			8.94	8.97	8.03		Pass		
11a	6Mbps	2	64	5320			8.82	8.97	8.03		Pass		
HT20	MCS0	2	52	5260			8.56	8.97	8.03		Pass		
HT20	MCS0	2	60	5300			8.55	8.97	8.03		Pass		
HT20	MCS0	2	64	5320			8.23	8.97	8.03		Pass		
HT40	MCS0	2	54	5270			7.03	8.97	8.03		Pass		
HT40	MCS0	2	62	5310			3.61	8.97	8.03		Pass		
VHT80	MCS0	2	58	5290			-1.82	8.97	8.03		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	100	5500	16.70	16.60	21.55	21.50	23.20		29.20		23.98		----	----
11a	6Mbps	2	116	5580	16.70	16.55	21.40	21.35	23.19		29.19		23.98		----	----
11a	6Mbps	2	140	5700	16.65	16.65	21.36	20.90	23.21		29.21		23.98		----	----
HT20	MCS0	2	100	5500	17.70	17.75	22.00	21.55	23.48		29.48		23.98		----	----
HT20	MCS0	2	116	5580	17.70	17.70	21.70	21.70	23.48		29.48		23.98		----	----
HT20	MCS0	2	140	5700	17.80	17.70	21.80	21.50	23.48		29.48		23.98		----	----
HT40	MCS0	2	102	5510	36.20	36.30	41.58	41.49	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	36.30	36.30	41.76	41.49	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.30	36.40	41.76	41.76	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	76.44	76.44	81.28	80.64	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	76.56	76.44	81.28	80.96	23.98		30.00		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	144	5720	13.35	13.35	15.75	15.50	22.25		28.25		22.90		3.1	3.15
HT20	MCS0	2	144	5720	13.90	13.90	17.25	15.80	22.43		28.43		22.99		3.8	3.75
HT40	MCS0	2	142	5710	26.40	33.20	36.15	35.61	23.98		30.00		23.98		2.91	3.18
VHT80	MCS0	2	138	5690	73.40	73.40	75.96	75.80	23.98		30.00		23.98		3.24	3.24

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500	17.00	16.10	19.58	23.98		5.12		26.99	Pass
11a	6Mbps	2	116	5580	16.50	15.90	19.22	23.98		5.12		26.99	Pass
11a	6Mbps	2	140	5700	14.80	14.70	17.76	23.98		5.12		26.99	Pass
HT20	MCS0	2	100	5500	17.00	16.50	19.77	23.98		5.12		26.99	Pass
HT20	MCS0	2	116	5580	16.90	16.00	19.48	23.98		5.12		26.99	Pass
HT20	MCS0	2	140	5700	14.40	14.20	17.31	23.98		5.12		26.99	Pass
HT40	MCS0	2	102	5510	14.60	14.20	17.41	23.98		5.12		26.99	Pass
HT40	MCS0	2	110	5550	17.50	17.20	20.36	23.98		5.12		26.99	Pass
HT40	MCS0	2	134	5670	16.50	16.30	19.41	23.98		5.12		26.99	Pass
VHT20	MCS0	2	100	5500	16.80	16.30	19.57	23.98		5.12		26.99	Pass
VHT20	MCS0	2	116	5580	16.50	15.90	19.22	23.98		5.12		26.99	Pass
VHT20	MCS0	2	140	5700	14.30	14.00	17.16	23.98		5.12		26.99	Pass
VHT40	MCS0	2	102	5510	14.50	14.20	17.36	23.98		5.12		26.99	Pass
VHT40	MCS0	2	110	5550	17.40	17.10	20.26	23.98		5.12		26.99	Pass
VHT40	MCS0	2	134	5670	16.50	16.10	19.31	23.98		5.12		26.99	Pass
VHT80	MCS0	2	106	5530	11.90	11.60	14.76	23.98		5.12		26.99	Pass
VHT80	MCS0	2	122	5610	17.00	16.80	19.91	23.98		5.12		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720	16.70	15.90	19.33	22.90		5.12		26.99	Pass
HT20	MCS0	2	144	5720	16.40	15.90	19.17	22.99		5.12		26.99	Pass
HT40	MCS0	2	142	5710	17.50	17.10	20.31	23.98		5.12		26.99	Pass
VHT20	MCS0	2	144	5720	16.10	15.60	18.87	23.98		5.12		26.99	Pass
VHT40	MCS0	2	142	5710	17.30	16.90	20.11	23.98		5.12		26.99	Pass
VHT80	MCS0	2	138	5690	17.30	17.00	20.16	23.98		5.12		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	100	5500			9.03	9.07		7.93		Pass
11a	6Mbps	2	116	5580			8.76	9.07		7.93		Pass
11a	6Mbps	2	140	5700			7.72	9.07		7.93		Pass
HT20	MCS0	2	100	5500			8.94	9.07		7.93		Pass
HT20	MCS0	2	116	5580			8.85	9.07		7.93		Pass
HT20	MCS0	2	140	5700			6.60	9.07		7.93		Pass
HT40	MCS0	2	102	5510			4.75	9.07		7.93		Pass
HT40	MCS0	2	110	5550			7.14	9.07		7.93		Pass
HT40	MCS0	2	134	5670			6.85	9.07		7.93		Pass
VHT80	MCS0	2	106	5530			-0.86	9.07		7.93		Pass
VHT80	MCS0	2	122	5610			4.08	9.07		7.93		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	144	5720			8.95	9.07		7.93		Pass
HT20	MCS0	2	144	5720			8.58	9.07		7.93		Pass
HT40	MCS0	2	142	5710			7.14	9.07		7.93		Pass
VHT80	MCS0	2	138	5690			4.33	9.07		7.93		Pass



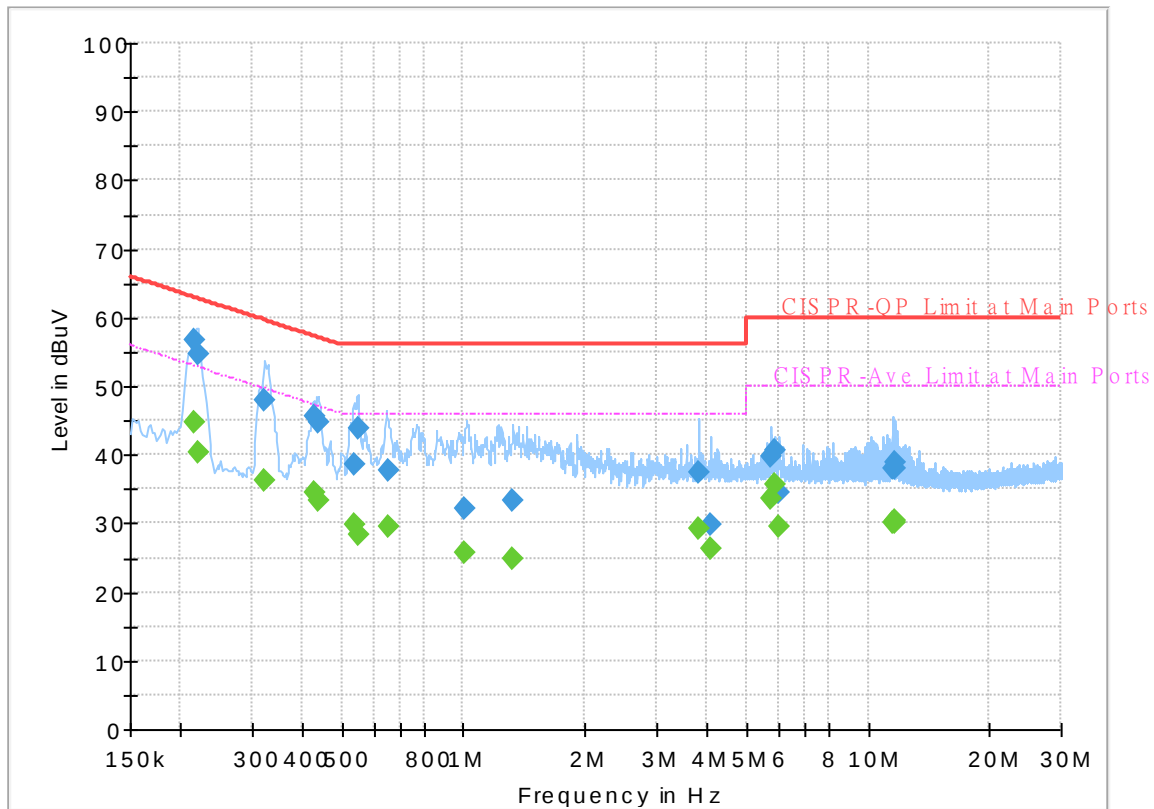
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	22~25℃
		Relative Humidity :	42~50%

EUT Information

Report NO : 020402-01
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

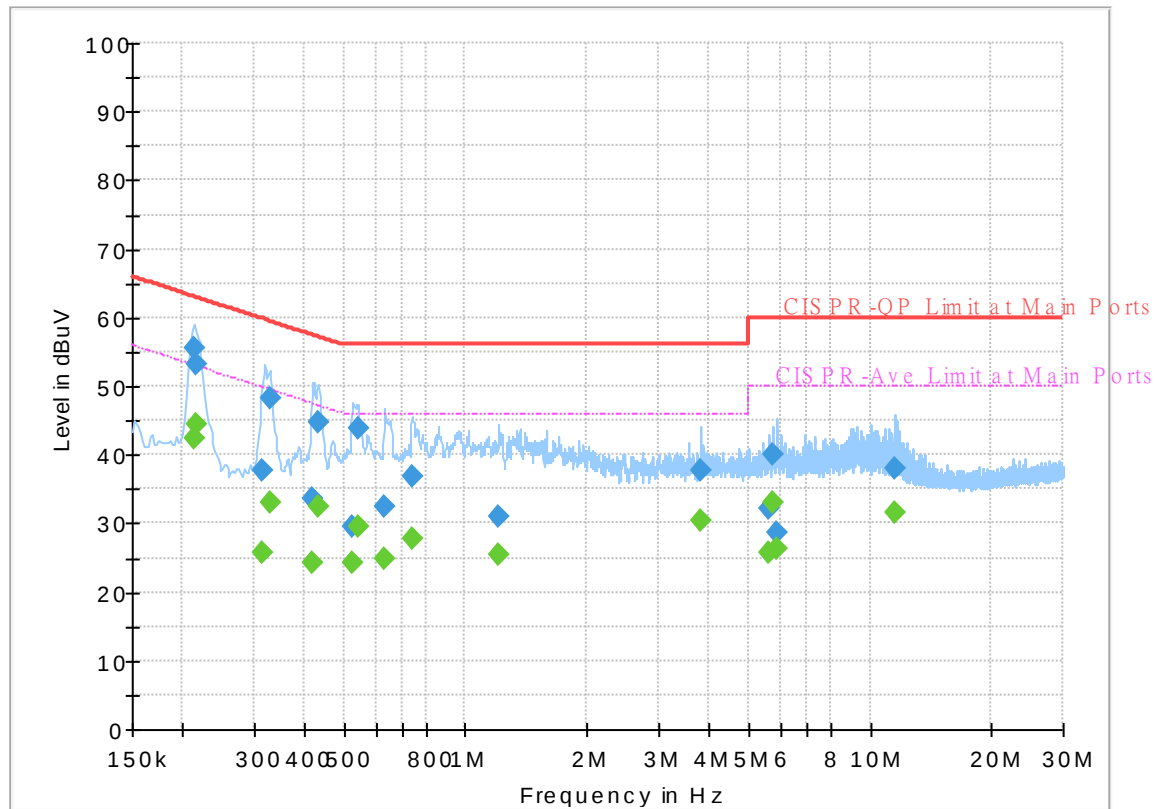
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.216420	---	44.73	52.96	8.23	L1	OFF	19.6
0.216420	56.74	---	62.96	6.22	L1	OFF	19.6
0.220110	---	40.41	52.82	12.41	L1	OFF	19.6
0.220110	54.68	---	62.82	8.14	L1	OFF	19.6
0.322890	---	36.15	49.63	13.48	L1	OFF	19.6
0.322890	47.96	---	59.63	11.67	L1	OFF	19.6
0.428370	---	34.46	47.28	12.82	L1	OFF	19.6
0.428370	45.58	---	57.28	11.70	L1	OFF	19.6
0.437280	---	33.31	47.11	13.80	L1	OFF	19.6
0.437280	44.63	---	57.11	12.48	L1	OFF	19.6
0.539250	---	29.90	46.00	16.10	L1	OFF	19.6
0.539250	38.60	---	56.00	17.40	L1	OFF	19.6
0.548700	---	28.27	46.00	17.73	L1	OFF	19.6
0.548700	43.98	---	56.00	12.02	L1	OFF	19.6
0.649500	---	29.47	46.00	16.53	L1	OFF	19.6
0.649500	37.62	---	56.00	18.38	L1	OFF	19.6
1.009500	---	25.68	46.00	20.32	L1	OFF	19.6
1.009500	32.26	---	56.00	23.74	L1	OFF	19.6
1.325760	---	24.84	46.00	21.16	L1	OFF	19.6
1.325760	33.21	---	56.00	22.79	L1	OFF	19.6
3.819210	---	29.10	46.00	16.90	L1	OFF	19.7

3.819210	37.30	---	56.00	18.70	L1	OFF	19.7
4.096680	---	26.35	46.00	19.65	L1	OFF	19.7
4.096680	29.83	---	56.00	26.17	L1	OFF	19.7
5.743140	---	33.63	50.00	16.37	L1	OFF	19.9
5.743140	39.90	---	60.00	20.10	L1	OFF	19.9
5.884530	---	35.57	50.00	14.43	L1	OFF	19.9
5.884530	40.61	---	60.00	19.39	L1	OFF	19.9
6.027000	---	29.56	50.00	20.44	L1	OFF	19.9
6.027000	34.63	---	60.00	25.37	L1	OFF	19.9
11.460930	---	30.06	50.00	19.94	L1	OFF	20.1
11.460930	38.04	---	60.00	21.96	L1	OFF	20.1
11.602410	---	30.21	50.00	19.79	L1	OFF	20.1
11.602410	38.86	---	60.00	21.14	L1	OFF	20.1
11.649480	---	30.31	50.00	19.69	L1	OFF	20.1
11.649480	37.88	---	60.00	22.12	L1	OFF	20.1

EUT Information

Report NO : 020402-01
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.213000	---	42.28	53.09	10.81	N	OFF	19.6
0.213000	55.48	---	63.09	7.61	N	OFF	19.6
0.215250	---	44.55	53.00	8.45	N	OFF	19.6
0.215250	53.25	---	63.00	9.75	N	OFF	19.6
0.314250	---	25.72	49.86	24.14	N	OFF	19.6
0.314250	37.73	---	59.86	22.13	N	OFF	19.6
0.327840	---	33.15	49.51	16.36	N	OFF	19.6
0.327840	48.13	---	59.51	11.38	N	OFF	19.6
0.420540	---	24.30	47.44	23.14	N	OFF	19.6
0.420540	33.49	---	57.44	23.95	N	OFF	19.6
0.433590	---	32.47	47.18	14.71	N	OFF	19.6
0.433590	44.73	---	57.18	12.45	N	OFF	19.6
0.522420	---	24.24	46.00	21.76	N	OFF	19.6
0.522420	29.68	---	56.00	26.32	N	OFF	19.6
0.543120	---	29.60	46.00	16.40	N	OFF	19.6
0.543120	43.92	---	56.00	12.08	N	OFF	19.6
0.627540	---	24.83	46.00	21.17	N	OFF	19.6
0.627540	32.38	---	56.00	23.62	N	OFF	19.6
0.743460	---	27.74	46.00	18.26	N	OFF	19.6
0.743460	36.95	---	56.00	19.05	N	OFF	19.6
1.205250	---	25.42	46.00	20.58	N	OFF	19.6

1.205250	30.93	---	56.00	25.07	N	OFF	19.6
3.820110	---	30.50	46.00	15.50	N	OFF	19.7
3.820110	37.59	---	56.00	18.41	N	OFF	19.7
5.606700	---	25.70	50.00	24.30	N	OFF	19.8
5.606700	32.08	---	60.00	27.92	N	OFF	19.8
5.741790	---	32.90	50.00	17.10	N	OFF	19.9
5.741790	40.15	---	60.00	19.85	N	OFF	19.9
5.874990	---	26.23	50.00	23.77	N	OFF	19.9
5.874990	28.60	---	60.00	31.40	N	OFF	19.9
11.458950	---	31.49	50.00	18.51	N	OFF	20.1
11.458950	38.05	---	60.00	21.95	N	OFF	20.1



Appendix C. Radiated Spurious Emission

Test Engineer :	Karl Hou, Andy Yang and CR Liao	Temperature :	20~25°C
		Relative Humidity :	50~60%

<EUT without HDMI Extender Cable>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.68	63.57	-10.43	74	48.4	31.7	12.32	28.85	149	18	P	H
		5148.98	50.18	-3.82	54	35.01	31.7	12.32	28.85	149	18	A	H
	*	5180	116.6			101.53	31.58	12.36	28.87	149	18	P	H
	*	5180	108.89			93.82	31.58	12.36	28.87	149	18	A	H
		5149.76	64.51	-9.49	74	49.34	31.7	12.32	28.85	167	331	P	V
		5150	52.72	-1.28	54	37.55	31.7	12.32	28.85	167	331	A	V
	*	5180	118.02			102.95	31.58	12.36	28.87	167	331	P	V
	*	5180	110.52			95.45	31.58	12.36	28.87	167	331	A	V
802.11a CH 44 5220MHz		5114.66	55.95	-18.05	74	40.74	31.77	12.27	28.83	172	17	P	H
		5142.22	44.9	-9.1	54	29.71	31.72	12.31	28.84	172	17	A	H
	*	5220	118.84	-	-	103.91	31.42	12.41	28.9	172	17	P	H
	*	5220	110.82	-	-	95.89	31.42	12.41	28.9	172	17	A	H
		5364.24	53.89	-20.11	74	39.07	31.26	12.55	28.99	172	17	P	H
		5400.92	44.57	-9.43	54	29.6	31.4	12.58	29.01	172	17	A	H
		5111.02	56.69	-17.31	74	41.46	31.78	12.27	28.82	153	330	P	V
		5147.68	46.65	-7.35	54	31.48	31.7	12.32	28.85	153	330	A	V
	*	5220	119.61	-	-	104.68	31.42	12.41	28.9	153	330	P	V
	*	5220	112.33	-	-	97.4	31.42	12.41	28.9	153	330	A	V
		5414.92	54.43	-19.57	74	39.38	31.46	12.61	29.02	153	330	P	V
		5350	44.03	-9.97	54	29.28	31.2	12.53	28.98	153	330	A	V



802.11a CH 48 5240MHz		5150	55.14	-18.86	74	39.97	31.7	12.32	28.85	158	17	P	H
		5137.8	44.41	-9.59	54	29.22	31.72	12.31	28.84	158	17	A	H
	*	5240	118.91	-	-	104.05	31.34	12.43	28.91	158	17	P	H
	*	5240	110.78	-	-	95.92	31.34	12.43	28.91	158	17	A	H
		5358.36	54.99	-19.01	74	40.21	31.23	12.54	28.99	158	17	P	H
		5400.92	44.62	-9.38	54	29.65	31.4	12.58	29.01	158	17	A	H
		5137.02	56.36	-17.64	74	41.17	31.73	12.3	28.84	151	330	P	V
		5140.66	45.85	-8.15	54	30.66	31.72	12.31	28.84	151	330	A	V
	*	5240	119.3	-	-	104.44	31.34	12.43	28.91	151	330	P	V
	*	5240	111.74	-	-	96.88	31.34	12.43	28.91	151	330	A	V
		5400.36	55.28	-18.72	74	40.31	31.4	12.58	29.01	151	330	P	V
		5350	44.97	-9.03	54	30.22	31.2	12.53	28.98	151	330	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. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	49.24	-18.96	68.2	51.33	39.64	19.17	60.9	100	0	P	H
		15540	47.52	-26.48	74	47.91	37.94	24.38	62.71	100	0	P	H
		10360	48.11	-20.09	68.2	50.2	39.64	18.71	60.9	100	0	P	V
		15540	48.37	-25.63	74	48.76	37.94	23.82	62.71	100	0	P	V
802.11a CH 44 5220MHz		10440	49.73	-18.47	68.2	51.58	39.88	19.29	61.02	100	0	P	H
		15660	47.36	-26.64	74	47.65	37.46	24.38	62.13	100	0	P	H
		10440	49.16	-19.04	68.2	51.01	39.88	19.29	61.02	100	0	P	V
		15660	48.01	-25.99	74	48.3	37.46	24.38	62.13	100	0	P	V
802.11a CH 48 5240MHz		10480	50.22	-17.98	68.2	51.98	39.96	19.35	61.07	100	0	P	H
		15720	47.45	-26.55	74	47.62	37.3	24.37	61.84	100	0	P	H
		10480	49.34	-18.86	68.2	51.1	39.96	19.35	61.07	100	0	P	V
		15720	47.36	-26.64	74	47.53	37.3	24.37	61.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5149.76	63.32	-10.68	74	48.15	31.7	12.32	28.85	153	18	P	H
		5149.24	50.23	-3.77	54	35.06	31.7	12.32	28.85	153	18	A	H
	*	5180	115.41	-	-	100.34	31.58	12.36	28.87	153	18	P	H
	*	5180	108.07	-	-	93	31.58	12.36	28.87	153	18	A	H
		5150	64.59	-9.41	74	49.42	31.7	12.32	28.85	151	330	P	V
		5150	52.66	-1.34	54	37.49	31.7	12.32	28.85	151	330	A	V
	*	5180	116.95	-	-	101.88	31.58	12.36	28.87	151	330	P	V
	*	5180	109.8	-	-	94.73	31.58	12.36	28.87	151	330	A	V
802.11n HT20 CH 44 5220MHz		5134.68	54.89	-19.11	74	39.7	31.73	12.3	28.84	157	18	P	H
		5150	44.84	-9.16	54	29.67	31.7	12.32	28.85	157	18	A	H
	*	5220	118.22	-	-	103.29	31.42	12.41	28.9	157	18	P	H
	*	5220	110.69	-	-	95.76	31.42	12.41	28.9	157	18	A	H
		5359.48	54.1	-19.9	74	39.31	31.24	12.54	28.99	157	18	P	H
		5400.92	44.63	-9.37	54	29.66	31.4	12.58	29.01	157	18	A	H
		5143	56.88	-17.12	74	41.7	31.71	12.31	28.84	155	330	P	V
		5150	46.39	-7.61	54	31.22	31.7	12.32	28.85	155	330	A	V
	*	5220	119.36	-	-	104.43	31.42	12.41	28.9	155	330	P	V
	*	5220	111.65	-	-	96.72	31.42	12.41	28.9	155	330	A	V
		5369.56	54.83	-19.17	74	39.99	31.28	12.55	28.99	155	330	P	V
		5350	44.09	-9.91	54	29.34	31.2	12.53	28.98	155	330	A	V



802.11n HT20 CH 48 5240MHz		5126.36	54.95	-19.05	74	39.74	31.75	12.29	28.83	163	17	P	H
		5148.46	44.16	-9.84	54	28.99	31.7	12.32	28.85	163	17	A	H
	*	5240	117.86	-	-	103	31.34	12.43	28.91	163	17	P	H
	*	5240	110.55	-	-	95.69	31.34	12.43	28.91	163	17	A	H
		5351.92	54.33	-19.67	74	39.57	31.21	12.53	28.98	163	17	P	H
		5400.92	44.64	-9.36	54	29.67	31.4	12.58	29.01	163	17	A	H
		5148.98	56.14	-17.86	74	40.97	31.7	12.32	28.85	150	330	P	V
		5149.24	45.69	-8.31	54	30.52	31.7	12.32	28.85	150	330	A	V
	*	5240	118.92	-	-	104.06	31.34	12.43	28.91	150	330	P	V
	*	5240	111.51	-	-	96.65	31.34	12.43	28.91	150	330	A	V
		5370.96	55	-19	74	40.16	31.28	12.55	28.99	150	330	P	V
		5351.92	44.98	-9.02	54	30.22	31.21	12.53	28.98	150	330	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	49.06	-19.14	68.2	51.15	39.64	19.17	60.9	100	0	P	H
		15540	48.61	-25.39	74	49	37.94	24.38	62.71	100	0	P	H
		10360	48.64	-19.56	68.2	50.73	39.64	19.17	60.9	100	0	P	V
		15540	48.52	-25.48	74	48.91	37.94	24.38	62.71	100	0	P	V
802.11n HT20 CH 44 5220MHz		10440	49.61	-18.59	68.2	51.46	39.88	19.29	61.02	100	0	P	H
		15660	46.98	-27.02	74	47.27	37.46	24.38	62.13	100	0	P	H
		10440	49.12	-19.08	68.2	50.97	39.88	19.29	61.02	100	0	P	V
		15660	46.49	-27.51	74	46.78	37.46	24.38	62.13	100	0	P	V
802.11n HT20 CH 48 5240MHz		10480	49.6	-18.6	68.2	51.36	39.96	19.35	61.07	100	0	P	H
		15720	48.46	-25.54	74	48.63	37.3	24.37	61.84	100	0	P	H
		10480	50.46	-17.74	68.2	52.22	39.96	19.35	61.07	100	0	P	V
		15720	47.59	-26.41	74	47.76	37.3	24.37	61.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5147.94	58.14	-15.86	74	42.97	31.7	12.32	28.85	162	17	P	H
		5146.9	49.41	-4.59	54	34.23	31.71	12.32	28.85	162	17	A	H
	*	5190	111.74	-	-	96.7	31.54	12.38	28.88	162	17	P	H
	*	5190	104.51	-	-	89.47	31.54	12.38	28.88	162	17	A	H
		5372.08	53.35	-20.65	74	38.51	31.29	12.55	29	162	17	P	H
		5400.92	44.39	-9.61	54	29.42	31.4	12.58	29.01	162	17	A	H
		5148.72	63.34	-10.66	74	48.17	31.7	12.32	28.85	143	329	P	V
		5148.98	52.74	-1.26	54	37.57	31.7	12.32	28.85	143	329	A	V
	*	5190	114.16	-	-	99.12	31.54	12.38	28.88	143	329	P	V
	*	5190	106.28	-	-	91.24	31.54	12.38	28.88	143	329	A	V
		5414.36	54.09	-19.91	74	39.04	31.46	12.61	29.02	143	329	P	V
		5350	42.99	-11.01	54	28.24	31.2	12.53	28.98	143	329	A	V
802.11n HT40 CH 46 5230MHz		5143.52	56.82	-17.18	74	41.64	31.71	12.31	28.84	142	17	P	H
		5149.24	46.14	-7.86	54	30.97	31.7	12.32	28.85	142	17	A	H
	*	5230	114.27	-	-	99.37	31.38	12.42	28.9	142	17	P	H
	*	5230	106.65	-	-	91.75	31.38	12.42	28.9	142	17	A	H
		5380.2	53.98	-20.02	74	39.1	31.32	12.56	29	142	17	P	H
		5400.92	44.81	-9.19	54	29.84	31.4	12.58	29.01	142	17	A	H
		5140.92	57.11	-16.89	74	41.92	31.72	12.31	28.84	150	330	P	V
		5150	47.82	-6.18	54	32.65	31.7	12.32	28.85	150	330	A	V
	*	5230	115.39	-	-	100.49	31.38	12.42	28.9	150	330	P	V
	*	5230	107.52	-	-	92.62	31.38	12.42	28.9	150	330	A	V
		5359.48	53.81	-20.19	74	39.02	31.24	12.54	28.99	150	330	P	V
		5350	44.21	-9.79	54	29.46	31.2	12.53	28.98	150	330	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	48.68	-19.52	68.2	50.69	39.72	19.2	60.93	100	0	P	H
		15570	48.62	-25.38	74	48.98	37.82	24.38	62.56	100	0	P	H
		10380	48.9	-19.3	68.2	50.91	39.72	19.2	60.93	100	0	P	V
		15570	47.84	-26.16	74	48.2	37.82	24.38	62.56	100	0	P	V
802.11n HT40 CH 46 5230MHz		10460	49.49	-18.71	68.2	51.29	39.92	19.32	61.04	100	0	P	H
		15690	47.19	-26.81	74	47.47	37.34	24.37	61.99	100	0	P	H
		10460	49.05	-19.15	68.2	50.85	39.92	19.32	61.04	100	0	P	V
		15690	47.67	-26.33	74	47.95	37.34	24.37	61.99	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5146.12	57.1	-16.9	74	41.92	31.71	12.32	28.85	157	17	P	H
		5146.12	48.38	-5.62	54	33.2	31.71	12.32	28.85	157	17	A	H
	*	5210	104.96	-	-	89.99	31.46	12.4	28.89	157	17	P	H
	*	5210	97.53	-	-	82.56	31.46	12.4	28.89	157	17	A	H
		5353.04	53.69	-20.31	74	38.92	31.21	12.54	28.98	157	17	P	H
		5400.92	43.44	-10.56	54	28.47	31.4	12.58	29.01	157	17	A	H
		5149.76	61.02	-12.98	74	45.85	31.7	12.32	28.85	250	317	P	V
		5149.5	52.74	-1.26	54	37.57	31.7	12.32	28.85	250	317	A	V
	*	5210	106.21	-	-	91.24	31.46	12.4	28.89	250	317	P	V
	*	5210	98.72	-	-	83.75	31.46	12.4	28.89	250	317	A	V
		5358.92	54	-20	74	39.21	31.24	12.54	28.99	250	317	P	V
		5400.92	42.43	-11.57	54	27.46	31.4	12.58	29.01	250	317	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	49.67	-18.53	68.2	51.56	39.84	19.26	60.99	100	0	P	H
VHT80		15630	47.95	-26.05	74	48.28	37.58	24.37	62.28	100	0	P	H
CH 42		10420	49.08	-19.12	68.2	50.97	39.84	19.26	60.99	100	0	P	V
5210MHz		15630	48.14	-25.86	74	48.47	37.58	24.37	62.28	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5133.62	54.78	-19.22	74	39.59	31.73	12.3	28.84	150	19	P	H
		5148.24	43.65	-10.35	54	28.48	31.7	12.32	28.85	150	19	A	H
	*	5260	117.84	-	-	103.01	31.3	12.45	28.92	150	19	P	H
	*	5260	110.16	-	-	95.33	31.3	12.45	28.92	150	19	A	H
		5366.64	55.76	-18.24	74	40.93	31.27	12.55	28.99	150	19	P	H
		5400.96	45.27	-8.73	54	30.3	31.4	12.58	29.01	150	19	A	H
		5138.72	54.62	-19.38	74	39.43	31.72	12.31	28.84	157	330	P	V
		5149.94	45.18	-8.82	54	30.01	31.7	12.32	28.85	157	330	A	V
	*	5260	120.56	-	-	105.73	31.3	12.45	28.92	157	330	P	V
	*	5260	112.24	-	-	97.41	31.3	12.45	28.92	157	330	A	V
		5371.2	55.52	-18.48	74	40.68	31.28	12.55	28.99	157	330	P	V
		5358.48	45.54	-8.46	54	30.76	31.23	12.54	28.99	157	330	A	V
802.11a CH 60 5300MHz		5060.86	54.24	-19.76	74	39.11	31.72	12.2	28.79	173	18	P	H
		5148.92	42.66	-11.34	54	27.49	31.7	12.32	28.85	173	18	A	H
	*	5300	117.22	-	-	102.38	31.3	12.49	28.95	173	18	P	H
	*	5300	109.76	-	-	94.92	31.3	12.49	28.95	173	18	A	H
		5401.92	55.54	-18.46	74	40.57	31.41	12.58	29.02	173	18	P	H
		5400.72	46.71	-7.29	54	31.74	31.4	12.58	29.01	173	18	A	H
		5121.72	54.72	-19.28	74	39.51	31.76	12.28	28.83	161	330	P	V
		5144.84	44.05	-9.95	54	28.87	31.71	12.32	28.85	161	330	A	V
	*	5300	119.93	-	-	105.09	31.3	12.49	28.95	161	330	P	V
	*	5300	112.49	-	-	97.65	31.3	12.49	28.95	161	330	A	V
		5354.16	57.84	-16.16	74	43.06	31.22	12.54	28.98	161	330	P	V
		5353.2	47.53	-6.47	54	32.76	31.21	12.54	28.98	161	330	A	V



802.11a CH 64 5320MHz	*	5320	117.75	-	-	102.95	31.26	12.5	28.96	159	19	P	H
	*	5320	110.08	-	-	95.28	31.26	12.5	28.96	159	19	A	H
		5350.08	60.3	-13.7	74	45.55	31.2	12.53	28.98	159	19	P	H
		5350.08	50.58	-3.42	54	35.83	31.2	12.53	28.98	159	19	A	H
	*	5320	118.49	-	-	103.69	31.26	12.5	28.96	150	331	P	V
	*	5320	110.83	-	-	96.03	31.26	12.5	28.96	150	331	A	V
		5352.16	66.04	-7.96	74	51.28	31.21	12.53	28.98	150	331	P	V
		5350.08	53.28	-0.72	54	38.53	31.2	12.53	28.98	150	331	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	50.81	-17.39	68.2	52.49	40	19.42	61.1	100	0	P	H
		15780	48.5	-25.5	74	48.39	37.3	24.37	61.56	100	0	P	H
		10520	49.91	-18.29	68.2	51.59	40	19.42	61.1	100	0	P	V
		15780	47.81	-26.19	74	47.7	37.3	24.37	61.56	100	0	P	V
802.11a CH 60 5300MHz		10600	50.89	-23.11	74	52.45	40	19.54	61.1	100	304	P	H
		10600	39.67	-14.33	54	41.23	40	19.54	61.1	100	304	A	H
		15900	47.88	-26.12	74	47.4	37.1	24.36	60.98	100	0	P	H
		10600	50.1	-23.9	74	51.66	40	19.54	61.1	133	81	P	V
		10600	39.62	-14.38	54	41.18	40	19.54	61.1	133	81	A	V
		15900	47.97	-26.03	74	47.49	37.1	24.36	60.98	100	0	P	V
802.11a CH 64 5320MHz		10640	52.91	-21.09	74	54.41	40	19.6	61.1	100	336	P	H
		10640	43.01	-10.99	54	44.51	40	19.6	61.1	100	336	A	H
		15960	46.87	-27.13	74	46.16	37.04	24.36	60.69	100	0	P	H
		10640	53.5	-20.5	74	55	40	19.6	61.1	133	81	P	V
		10640	43.03	-10.97	54	44.53	40	19.6	61.1	133	81	A	V
		15960	47.37	-26.63	74	46.66	37.04	24.36	60.69	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5118.32	53.94	-20.06	74	38.73	31.76	12.28	28.83	150	17	P	H
		5147.56	43.96	-10.04	54	28.79	31.7	12.32	28.85	150	17	A	H
	*	5260	117.86	-	-	103.03	31.3	12.45	28.92	150	17	P	H
	*	5260	110.38	-	-	95.55	31.3	12.45	28.92	150	17	A	H
		5370	55.33	-18.67	74	40.49	31.28	12.55	28.99	150	17	P	H
		5400.72	44.99	-9.01	54	30.02	31.4	12.58	29.01	150	17	A	H
		5143.48	54.4	-19.6	74	39.22	31.71	12.31	28.84	156	331	P	V
		5148.58	45.31	-8.69	54	30.14	31.7	12.32	28.85	156	331	A	V
	*	5260	119.2	-	-	104.37	31.3	12.45	28.92	156	331	P	V
	*	5260	111.4	-	-	96.57	31.3	12.45	28.92	156	331	A	V
		5350.32	55.94	-18.06	74	41.19	31.2	12.53	28.98	156	331	P	V
		5357.04	45.65	-8.35	54	30.87	31.23	12.54	28.99	156	331	A	V
802.11n HT20 CH 60 5300MHz		5139.74	54.7	-19.3	74	39.51	31.72	12.31	28.84	150	20	P	H
		5147.9	42.95	-11.05	54	27.78	31.7	12.32	28.85	150	20	A	H
	*	5300	118.1	-	-	103.26	31.3	12.49	28.95	150	20	P	H
	*	5300	110.58	-	-	95.74	31.3	12.49	28.95	150	20	A	H
		5374.08	56.43	-17.57	74	41.57	31.3	12.56	29	150	20	P	H
		5400.96	46.52	-7.48	54	31.55	31.4	12.58	29.01	150	20	A	H
		5102.68	54.16	-19.84	74	38.93	31.79	12.26	28.82	160	331	P	V
		5145.18	43.93	-10.07	54	28.75	31.71	12.32	28.85	160	331	A	V
	*	5300	119.4	-	-	104.56	31.3	12.49	28.95	160	331	P	V
	*	5300	111.9	-	-	97.06	31.3	12.49	28.95	160	331	A	V
		5351.04	57.84	-16.16	74	43.09	31.2	12.53	28.98	160	331	P	V
		5351.28	47.75	-6.25	54	32.99	31.21	12.53	28.98	160	331	A	V



802.11n HT20 CH 64 5320MHz	*	5320	117.12	-	-	102.32	31.26	12.5	28.96	158	20	P	H
	*	5320	109.24	-	-	94.44	31.26	12.5	28.96	158	20	A	H
		5350.24	60.21	-13.79	74	45.46	31.2	12.53	28.98	158	20	P	H
		5350.08	51.04	-2.96	54	36.29	31.2	12.53	28.98	158	20	A	H
	*	5320	117.73	-	-	102.93	31.26	12.5	28.96	150	331	P	V
	*	5320	110.41	-	-	95.61	31.26	12.5	28.96	150	331	A	V
		5350.08	66.47	-7.53	74	51.72	31.2	12.53	28.98	150	331	P	V
		5350.24	53.39	-0.61	54	38.64	31.2	12.53	28.98	150	331	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	49.92	-18.28	68.2	51.6	40	19.42	61.1	100	0	P	H
		15780	46.35	-27.65	74	46.24	37.3	24.37	61.56	100	0	P	H
		10520	48.81	-19.39	68.2	50.49	40	19.42	61.1	100	0	P	V
		15780	47.01	-26.99	74	46.9	37.3	24.37	61.56	100	0	P	V
802.11n HT20 CH 60 5300MHz		10600	49.53	-24.47	74	51.09	40	19.54	61.1	100	0	P	H
		15900	47.13	-26.87	74	46.65	37.1	24.36	60.98	100	0	P	H
		10600	49.45	-24.55	74	51.01	40	19.54	61.1	100	0	P	V
		15900	46.94	-27.06	74	46.46	37.1	24.36	60.98	100	0	P	V
802.11n HT20 CH 64 5320MHz		10640	53.98	-20.02	74	55.48	40	19.6	61.1	144	331	P	H
		10640	43.03	-10.97	54	44.53	40	19.6	61.1	144	331	A	H
		15960	47.64	-26.36	74	46.93	37.04	24.36	60.69	100	0	P	H
		10640	52.06	-21.94	74	53.56	40	19.6	61.1	123	79	P	V
		10640	41.4	-12.6	54	42.9	40	19.6	61.1	123	79	A	V
		15960	47.48	-26.52	74	46.77	37.04	24.36	60.69	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5120.36	54.56	-19.44	74	39.35	31.76	12.28	28.83	164	19	P	H
		5149.94	43.64	-10.36	54	28.47	31.7	12.32	28.85	164	19	A	H
	*	5270	114.9	-	-	100.07	31.3	12.46	28.93	164	19	P	H
	*	5270	106.94	-	-	92.11	31.3	12.46	28.93	164	19	A	H
		5355.84	57.16	-16.84	74	42.38	31.22	12.54	28.98	164	19	P	H
		5350.32	46.17	-7.83	54	31.42	31.2	12.53	28.98	164	19	A	H
		5098.26	55.44	-18.56	74	40.2	31.8	12.25	28.81	152	330	P	V
		5149.6	45.09	-8.91	54	29.92	31.7	12.32	28.85	152	330	A	V
	*	5270	115.16	-	-	100.33	31.3	12.46	28.93	152	330	P	V
	*	5270	107.59	-	-	92.76	31.3	12.46	28.93	152	330	A	V
		5359.68	56.13	-17.87	74	41.34	31.24	12.54	28.99	152	330	P	V
		5352.96	46.47	-7.53	54	31.7	31.21	12.54	28.98	152	330	A	V
802.11n HT40 CH 62 5310MHz		5059.5	53.44	-20.56	74	38.31	31.72	12.2	28.79	155	19	P	H
		5148.24	42.57	-11.43	54	27.4	31.7	12.32	28.85	155	19	A	H
	*	5310	111.92	-	-	97.1	31.28	12.49	28.95	155	19	P	H
	*	5310	104.5	-	-	89.68	31.28	12.49	28.95	155	19	A	H
		5352.96	58.93	-15.07	74	44.16	31.21	12.54	28.98	155	19	P	H
		5350.08	49.6	-4.4	54	34.85	31.2	12.53	28.98	155	19	A	H
		5108.46	53.5	-20.5	74	38.27	31.78	12.27	28.82	164	331	P	V
		5149.94	43.21	-10.79	54	28.04	31.7	12.32	28.85	164	331	A	V
	*	5310	112.66	-	-	97.84	31.28	12.49	28.95	164	331	P	V
	*	5310	105.37	-	-	90.55	31.28	12.49	28.95	164	331	A	V
		5350.08	61.71	-12.29	74	46.96	31.2	12.53	28.98	164	331	P	V
		5350.56	52.87	-1.13	54	38.12	31.2	12.53	28.98	164	331	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	49.61	-18.59	68.2	51.26	40	19.45	61.1	100	0	P	H
		15810	47.82	-26.18	74	47.58	37.28	24.37	61.41	100	0	P	H
		10540	49.95	-18.25	68.2	51.6	40	19.45	61.1	100	0	P	V
		15810	48.25	-25.75	74	48.01	37.28	24.37	61.41	100	0	P	V
802.11n HT40 CH 62 5310MHz		10620	49.6	-24.4	74	51.13	40	19.57	61.1	100	0	P	H
		15930	47.05	-26.95	74	46.45	37.07	24.37	60.84	100	0	P	H
		10620	49.48	-24.52	74	51.01	40	19.57	61.1	100	0	P	V
		15930	47.35	-26.65	74	46.75	37.07	24.37	60.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5126.14	53.62	-20.38	74	38.41	31.75	12.29	28.83	168	19	P	H
		5149.26	42.6	-11.4	54	27.43	31.7	12.32	28.85	168	19	A	H
	*	5290	106.45	-	-	91.61	31.3	12.48	28.94	168	19	P	H
	*	5290	98.61	-	-	83.77	31.3	12.48	28.94	168	19	A	H
		5350.08	58.7	-15.3	74	43.95	31.2	12.53	28.98	168	19	P	H
		5354.16	50.14	-3.86	54	35.36	31.22	12.54	28.98	168	19	A	H
		5080.58	54.21	-19.79	74	39.02	31.76	12.23	28.8	151	332	P	V
		5149.94	43.3	-10.7	54	28.13	31.7	12.32	28.85	151	332	A	V
	*	5290	106.73	-	-	91.89	31.3	12.48	28.94	151	332	P	V
	*	5290	99.52	-	-	84.68	31.3	12.48	28.94	151	332	A	V
		5350.56	60.18	-13.82	74	45.43	31.2	12.53	28.98	151	332	P	V
		5350.56	53.42	-0.58	54	38.67	31.2	12.53	28.98	151	332	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10580	50.74	-17.46	68.2	52.33	40	19.51	61.1	100	0	P	H
VHT80		15870	48.02	-25.98	74	47.61	37.16	24.37	61.12	100	0	P	H
CH 58		10580	50.08	-18.12	68.2	51.67	40	19.51	61.1	100	0	P	V
5290MHz		15870	47.9	-26.1	74	47.49	37.16	24.37	61.12	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5454.48	59.85	-14.15	74	44.61	31.61	12.68	29.05	150	20	P	H
		5469.04	66.98	-1.22	68.2	51.69	31.64	12.71	29.06	150	20	P	H
		5460	48.4	-5.6	54	33.14	31.62	12.69	29.05	150	20	A	H
	*	5500	118.8	-	-	103.41	31.7	12.77	29.08	150	20	P	H
	*	5500	111.29	-	-	95.9	31.7	12.77	29.08	150	20	A	H
		5457.36	62.21	-11.79	74	46.96	31.61	12.69	29.05	116	333	P	V
		5469.68	67.27	-0.93	68.2	51.98	31.64	12.71	29.06	116	333	P	V
		5458	48.87	-5.13	54	33.61	31.62	12.69	29.05	116	333	A	V
	*	5500	119.3	-	-	103.91	31.7	12.77	29.08	116	333	P	V
	*	5500	111.62	-	-	96.23	31.7	12.77	29.08	116	333	A	V
802.11a CH 116 5580MHz		5452.24	55.56	-18.44	74	40.33	31.6	12.68	29.05	151	19	P	H
		5465.92	56.1	-12.1	68.2	40.82	31.63	12.71	29.06	151	19	P	H
		5459.92	44.96	-9.04	54	29.7	31.62	12.69	29.05	151	19	A	H
	*	5580	119.33	-	-	103.73	31.74	12.92	29.06	151	19	P	H
	*	5580	111.8	-	-	96.2	31.74	12.92	29.06	151	19	A	H
		5760.905	55.7	-12.5	68.2	39.48	32.02	13.22	29.02	151	19	P	H
		5449.36	55.82	-18.18	74	40.6	31.6	12.67	29.05	115	333	P	V
		5461.36	57.7	-10.5	68.2	42.43	31.62	12.7	29.05	115	333	P	V
		5458.48	45.13	-8.87	54	29.87	31.62	12.69	29.05	115	333	A	V
	*	5580	119.72	-	-	104.12	31.74	12.92	29.06	115	333	P	V
	*	5580	112.06	-	-	96.46	31.74	12.92	29.06	115	333	A	V
		5730.665	56.64	-11.56	68.2	40.57	31.92	13.17	29.02	115	333	P	V



802.11a CH 140 5700MHz	*	5700	114.68	-	-	98.79	31.8	13.12	29.03	137	20	P	H
	*	5700	106.91	-	-	91.02	31.8	13.12	29.03	137	20	A	H
		5725.08	61.85	-6.35	68.2	45.82	31.9	13.16	29.03	137	20	P	H
	*	5700	118.88	-	-	102.99	31.8	13.12	29.03	149	325	P	V
	*	5700	110.8	-	-	94.91	31.8	13.12	29.03	149	325	A	V
		5726.36	67.2	-1	68.2	51.16	31.91	13.16	29.03	149	325	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	52.9	-21.1	74	53.47	40.4	20.13	61.1	136	296	P	H
		11000	42.02	-11.98	54	42.59	40.4	20.13	61.1	136	296	A	H
		16500	48.83	-19.37	68.2	44.21	38.8	25.22	59.4	100	0	P	H
		11000	52.71	-21.29	74	53.28	40.4	20.13	61.1	123	79	P	V
		11000	41.77	-12.23	54	42.34	40.4	20.13	61.1	123	79	A	V
		16500	49.56	-18.64	68.2	44.94	38.8	25.22	59.4	100	0	P	V
802.11a CH 116 5580MHz		11160	51.17	-22.83	74	51.93	39.98	20.3	61.04	132	296	P	H
		11160	41.48	-12.52	54	42.24	39.98	20.3	61.04	132	296	A	H
		16740	50.19	-18.01	68.2	44.02	39.8	25.63	59.26	100	0	P	H
		11160	49.67	-24.33	74	50.43	39.98	20.3	61.04	100	0	P	V
		16740	49.87	-18.33	68.2	43.7	39.8	25.63	59.26	100	0	P	V
802.11a CH 140 5700MHz		11400	52.99	-21.01	74	53.26	40.1	20.57	60.94	167	295	P	H
		11400	41.99	-12.01	54	42.26	40.1	20.57	60.94	167	295	A	H
		17100	49.93	-18.27	68.2	42.36	40.3	26.25	58.98	100	0	P	H
		11400	51.04	-22.96	74	51.31	40.1	20.57	60.94	123	84	P	V
		11400	41.09	-12.91	54	41.36	40.1	20.57	60.94	123	84	A	V
		17100	49.42	-18.78	68.2	41.85	40.3	26.25	58.98	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5455.44	60.08	-13.92	74	44.83	31.61	12.69	29.05	150	20	P	H
		5466.48	65.9	-2.3	68.2	50.62	31.63	12.71	29.06	150	20	P	H
		5460	49.18	-4.82	54	33.92	31.62	12.69	29.05	150	20	A	H
	*	5500	118.5	-	-	103.11	31.7	12.77	29.08	150	20	P	H
	*	5500	110.89	-	-	95.5	31.7	12.77	29.08	150	20	A	H
		5457.52	62.75	-11.25	74	47.49	31.62	12.69	29.05	111	331	P	V
		5468.24	66.9	-1.3	68.2	51.61	31.64	12.71	29.06	111	331	P	V
		5458.48	49.64	-4.36	54	34.38	31.62	12.69	29.05	111	331	A	V
	*	5500	119.21	-	-	103.82	31.7	12.77	29.08	111	331	P	V
	*	5500	111.57	-	-	96.18	31.7	12.77	29.08	111	331	A	V
802.11n HT20 CH 116 5580MHz		5454.16	56.32	-17.68	74	41.08	31.61	12.68	29.05	142	20	P	H
		5467.84	56.72	-11.48	68.2	41.43	31.64	12.71	29.06	142	20	P	H
		5459.92	44.97	-9.03	54	29.71	31.62	12.69	29.05	142	20	A	H
	*	5580	118.26	-	-	102.66	31.74	12.92	29.06	142	20	P	H
	*	5580	111.06	-	-	95.46	31.74	12.92	29.06	142	20	A	H
		5738.855	54.5	-13.7	68.2	38.38	31.96	13.18	29.02	142	20	P	H
		5452.72	56.02	-17.98	74	40.78	31.61	12.68	29.05	123	332	P	V
		5466.88	56.08	-12.12	68.2	40.8	31.63	12.71	29.06	123	332	P	V
		5458.72	45.2	-8.8	54	29.94	31.62	12.69	29.05	123	332	A	V
	*	5580	119.84	-	-	104.24	31.74	12.92	29.06	123	332	P	V
	*	5580	112.01	-	-	96.41	31.74	12.92	29.06	123	332	A	V
		5733.5	56.26	-11.94	68.2	40.18	31.93	13.17	29.02	123	332	P	V



802.11n HT20 CH 140 5700MHz	*	5700	113.99	-	-	98.1	31.8	13.12	29.03	144	20	P	H
	*	5700	106.42	-	-	90.53	31.8	13.12	29.03	144	20	A	H
		5725	64.95	-3.25	68.2	48.92	31.9	13.16	29.03	144	20	P	H
	*	5700	117.91	-	-	102.02	31.8	13.12	29.03	150	325	P	V
	*	5700	110.25	-	-	94.36	31.8	13.12	29.03	150	325	A	V
		5728.52	66.24	-1.96	68.2	50.19	31.91	13.17	29.03	150	325	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	52.07	-21.93	74	52.64	40.4	20.13	61.1	134	296	P	H
		11000	42.51	-11.49	54	43.08	40.4	20.13	61.1	134	296	A	H
		16500	50.1	-18.1	68.2	45.48	38.8	25.22	59.4	100	0	P	H
		11000	51.74	-22.26	74	52.31	40.4	20.13	61.1	123	78	P	V
		11000	42.02	-11.98	54	42.59	40.4	20.13	61.1	123	78	A	V
		16500	49.69	-18.51	68.2	45.07	38.8	25.22	59.4	100	0	P	V
802.11n HT20 CH 116 5580MHz		11160	51.18	-22.82	74	51.94	39.98	20.3	61.04	129	295	P	H
		11160	41.97	-12.03	54	42.73	39.98	20.3	61.04	129	295	A	H
		16740	51.67	-16.53	68.2	45.5	39.8	25.63	59.26	100	0	P	H
		11160	51.02	-22.98	74	51.78	39.98	20.3	61.04	134	84	P	V
		11160	41.63	-12.37	54	42.39	39.98	20.3	61.04	134	84	A	V
		16740	51.49	-16.71	68.2	45.32	39.8	25.63	59.26	100	0	P	V
802.11n HT20 CH 140 5700MHz		11400	51.84	-22.16	74	52.11	40.1	20.57	60.94	135	291	P	H
		11400	42.05	-11.95	54	42.32	40.1	20.57	60.94	135	291	A	H
		17100	51.77	-16.43	68.2	44.2	40.3	26.25	58.98	100	0	P	H
		11400	51.44	-22.56	74	51.71	40.1	20.57	60.94	123	81	P	V
		11400	41.15	-12.85	54	41.42	40.1	20.57	60.94	123	81	A	V
		17100	51.88	-16.32	68.2	44.31	40.3	26.25	58.98	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5459.92	57.29	-16.71	74	42.03	31.62	12.69	29.05	153	20	P	H
		5468.56	65.81	-2.39	68.2	50.52	31.64	12.71	29.06	153	20	P	H
		5459.92	48.62	-5.38	54	33.36	31.62	12.69	29.05	153	20	A	H
	*	5510	113.55	-	-	98.12	31.72	12.79	29.08	153	20	P	H
	*	5510	105.81	-	-	90.38	31.72	12.79	29.08	153	20	A	H
		5747.36	54.29	-13.91	68.2	38.12	31.99	13.2	29.02	153	20	P	H
		5457.28	59.32	-14.68	74	44.07	31.61	12.69	29.05	109	332	P	V
		5468.08	67.25	-0.95	68.2	51.96	31.64	12.71	29.06	109	332	P	V
		5458.48	49.25	-4.75	54	33.99	31.62	12.69	29.05	109	332	A	V
	*	5510	114.8	-	-	99.37	31.72	12.79	29.08	109	332	P	V
	*	5510	107.16	-	-	91.73	31.72	12.79	29.08	109	332	A	V
		5748.305	54.45	-13.75	68.2	38.28	31.99	13.2	29.02	109	332	P	V
802.11n HT40 CH 110 5550MHz		5449.36	55.84	-18.16	74	40.62	31.6	12.67	29.05	142	19	P	H
		5466.4	57.44	-10.76	68.2	42.16	31.63	12.71	29.06	142	19	P	H
		5456.56	44.82	-9.18	54	29.57	31.61	12.69	29.05	142	19	A	H
	*	5550	113.75	-	-	98.16	31.8	12.86	29.07	142	19	P	H
	*	5550	105.93	-	-	90.34	31.8	12.86	29.07	142	19	A	H
		5736.965	52.67	-15.53	68.2	36.56	31.95	13.18	29.02	142	19	P	H
		5458.72	56.67	-17.33	74	41.41	31.62	12.69	29.05	125	326	P	V
		5468.08	57.6	-10.6	68.2	42.31	31.64	12.71	29.06	125	326	P	V
		5458.72	45.4	-8.6	54	30.14	31.62	12.69	29.05	125	326	A	V
	*	5550	116.99	-	-	101.4	31.8	12.86	29.07	125	326	P	V
	*	5550	108.16	-	-	92.57	31.8	12.86	29.07	125	326	A	V
		5761.535	52.94	-15.26	68.2	36.72	32.02	13.22	29.02	125	326	P	V



802.11n HT40 CH 134 5670MHz		5451.5	54.29	-19.71	74	39.06	31.6	12.68	29.05	151	20	P	H
		5463.4	53.37	-14.83	68.2	38.1	31.63	12.7	29.06	151	20	P	H
		5400.75	45.43	-8.57	54	30.46	31.4	12.58	29.01	151	20	A	H
	*	5670	113.73	-	-	97.96	31.74	13.07	29.04	151	20	P	H
	*	5670	106.38	-	-	90.61	31.74	13.07	29.04	151	20	A	H
		5725.1	63.94	-4.26	68.2	47.91	31.9	13.16	29.03	151	20	P	H
		5444.85	54.91	-19.09	74	39.7	31.58	12.67	29.04	155	325	P	V
		5468.3	53.68	-14.52	68.2	38.39	31.64	12.71	29.06	155	325	P	V
		5457.45	42.84	-11.16	54	27.59	31.61	12.69	29.05	155	325	A	V
	*	5670	116.76	-	-	100.99	31.74	13.07	29.04	155	325	P	V
	*	5670	109.21	-	-	93.44	31.74	13.07	29.04	155	325	A	V
		5727.2	66.56	-1.64	68.2	50.52	31.91	13.16	29.03	155	325	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11015	51.78	-22.22	74	52.37	40.35	20.15	61.09	100	26	P	H
		11015	41.51	-12.49	54	42.1	40.35	20.15	61.09	100	26	A	H
		16530	51.56	-16.64	68.2	46.72	38.95	25.27	59.38	100	0	P	H
		11020	51.32	-22.68	74	51.92	40.34	20.15	61.09	104	51	P	V
		11020	41.59	-12.41	54	42.19	40.34	20.15	61.09	104	51	A	V
		16530	50.82	-17.38	68.2	45.98	38.95	25.27	59.38	100	0	P	V
802.11n HT40 CH 110 5550MHz		11100	53.14	-20.86	74	53.86	40.1	20.24	61.06	104	51	P	H
		11100	41.39	-12.61	54	42.11	40.1	20.24	61.06	104	51	A	H
		16650	51.3	-16.9	68.2	45.69	39.45	25.47	59.31	100	0	P	H
		11100	51.7	-22.3	74	52.42	40.1	20.24	61.06	104	38	P	V
		11100	41.36	-12.64	54	42.08	40.1	20.24	61.06	104	38	A	V
		16650	51.54	-16.66	68.2	45.93	39.45	25.47	59.31	100	0	P	V
802.11n HT40 CH 134 5670MHz		11340	52.85	-21.15	74	53.39	39.92	20.5	60.96	100	331	P	H
		11340	42.5	-11.5	54	43.04	39.92	20.5	60.96	100	331	A	H
		17010	53.15	-15.05	68.2	45.57	40.57	26.1	59.09	100	0	P	H
		11340	52.01	-21.99	74	52.55	39.92	20.5	60.96	100	323	P	V
		11340	41.38	-12.62	54	41.92	39.92	20.5	60.96	100	323	A	V
		17010	53.1	-15.1	68.2	45.52	40.57	26.1	59.09	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5445.52	59.69	-14.31	74	44.48	31.58	12.67	29.04	151	19	P	H
		5466.16	62.24	-5.96	68.2	46.96	31.63	12.71	29.06	151	19	P	H
		5456.8	51.13	-2.87	54	35.88	31.61	12.69	29.05	151	19	A	H
	*	5530	107.92	-	-	92.4	31.76	12.83	29.07	151	19	P	H
	*	5530	100.54	-	-	85.02	31.76	12.83	29.07	151	19	A	H
		5758.07	54.6	-13.6	68.2	38.39	32.02	13.21	29.02	151	19	P	H
		5458	61.78	-12.22	74	46.52	31.62	12.69	29.05	136	325	P	V
		5467.12	63.87	-4.33	68.2	48.59	31.63	12.71	29.06	136	325	P	V
		5458	53.1	-0.9	54	37.84	31.62	12.69	29.05	136	325	A	V
	*	5530	108.86	-	-	93.34	31.76	12.83	29.07	136	325	P	V
	*	5530	101.28	-	-	85.76	31.76	12.83	29.07	136	325	A	V
		5747.36	55.38	-12.82	68.2	39.21	31.99	13.2	29.02	136	325	P	V
802.11ac VHT80 CH 122 5610MHz		5457.28	58.5	-15.5	74	43.25	31.61	12.69	29.05	158	20	P	H
		5463.52	61.07	-7.13	68.2	45.8	31.63	12.7	29.06	158	20	P	H
		5458.72	47.96	-6.04	54	32.7	31.62	12.69	29.05	158	20	A	H
	*	5610	113.03	-	-	97.4	31.7	12.98	29.05	158	20	P	H
	*	5610	105.39	-	-	89.76	31.7	12.98	29.05	158	20	A	H
		5727.2	61.25	-6.95	68.2	45.21	31.91	13.16	29.03	158	20	P	H
		5459.68	59.75	-14.25	74	44.49	31.62	12.69	29.05	149	326	P	V
		5469.76	61.3	-6.9	68.2	46.01	31.64	12.71	29.06	149	326	P	V
		5459.92	48.15	-5.85	54	32.89	31.62	12.69	29.05	149	326	A	V
	*	5610	113.37	-	-	97.74	31.7	12.98	29.05	149	326	P	V
	*	5610	105.71	-	-	90.08	31.7	12.98	29.05	149	326	A	V
		5725.31	64.37	-3.83	68.2	48.34	31.9	13.16	29.03	149	326	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	51.97	-22.03	74	52.63	40.22	20.2	61.08	100	20	P	H
		11060	41.28	-12.72	54	41.94	40.22	20.2	61.08	100	20	A	H
		16590	50.75	-17.45	68.2	45.48	39.25	25.37	59.35	100	0	P	H
		11060	51.23	-22.77	74	51.89	40.22	20.2	61.08	100	12	P	V
		11060	41.26	-12.74	54	41.92	40.22	20.2	61.08	100	12	A	V
		16590	51.32	-16.88	68.2	46.05	39.25	25.37	59.35	100	0	P	V
802.11ac VHT80 CH 122 5610MHz		11220	51.82	-22.18	74	52.58	39.88	20.37	61.01	100	21	P	H
		11220	40.97	-13.03	54	41.73	39.88	20.37	61.01	100	21	A	H
		16830	53.09	-15.11	68.2	46.26	40.25	25.78	59.2	100	0	P	H
		11220	51.43	-22.57	74	52.19	39.88	20.37	61.01	100	30	P	V
		11220	40.94	-13.06	54	41.7	39.88	20.37	61.01	100	30	A	V
		16830	52.45	-15.75	68.2	45.62	40.25	25.78	59.2	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11a (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5458.03	55.22	-18.78	74	39.96	31.62	12.69	29.05	157	20	P	H
		5460.76	54.23	-13.97	68.2	38.96	31.62	12.7	29.05	157	20	P	H
		5400.7	44.67	-9.33	54	29.7	31.4	12.58	29.01	157	20	A	H
	*	5720	116.06	-	-	100.06	31.88	13.15	29.03	157	20	P	H
	*	5720	108.53	-	-	92.53	31.88	13.15	29.03	157	20	A	H
		5901	58.12	-10.08	68.2	41.56	32.2	13.34	28.98	157	20	P	H
		5429.17	55.44	-18.56	74	40.31	31.52	12.64	29.03	155	325	P	V
		5461.15	54.21	-13.99	68.2	38.94	31.62	12.7	29.05	155	325	P	V
		5459.98	42.33	-11.67	54	27.07	31.62	12.69	29.05	155	325	A	V
	*	5720	120.88	-	-	104.88	31.88	13.15	29.03	155	325	P	V
	*	5720	113.53	-	-	97.53	31.88	13.15	29.03	155	325	A	V
		5924.5	57.56	-10.64	68.2	40.89	32.3	13.35	28.98	155	325	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. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	56.66	-17.34	74	56.87	40.1	20.61	60.92	144	292	P	H
		11440	45.07	-8.93	54	45.28	40.1	20.61	60.92	144	292	A	H
		17160	52.14	-16.06	68.2	44.16	40.54	26.35	58.91	100	0	P	H
		11440	53.35	-20.65	74	53.56	40.1	20.61	60.92	161	82	P	V
		11440	42.7	-11.3	54	42.91	40.1	20.61	60.92	161	82	A	V
		17160	51.83	-16.37	68.2	43.85	40.54	26.35	58.91	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5424.1	55.44	-18.56	74	40.34	31.5	12.63	29.03	159	19	P	H
		5464.27	54.85	-13.35	68.2	39.58	31.63	12.7	29.06	159	19	P	H
		5400.7	44.46	-9.54	54	29.49	31.4	12.58	29.01	159	19	A	H
	*	5720	116.03	-	-	100.03	31.88	13.15	29.03	159	19	P	H
	*	5720	108.54	-	-	92.54	31.88	13.15	29.03	159	19	A	H
		5937	57.51	-10.69	68.2	40.78	32.35	13.36	28.98	159	19	P	H
		5380.03	54.64	-19.36	74	39.76	31.32	12.56	29	160	325	P	V
		5460.76	53.93	-14.27	68.2	38.66	31.62	12.7	29.05	160	325	P	V
		5456.47	42.37	-11.63	54	27.12	31.61	12.69	29.05	160	325	A	V
	*	5720	120.73	-	-	104.73	31.88	13.15	29.03	160	325	P	V
	*	5720	113.41	-	-	97.41	31.88	13.15	29.03	160	325	A	V
		5852.25	58.49	-9.71	68.2	42.08	32.1	13.31	29	160	325	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	56.82	-17.18	74	57.03	40.1	20.61	60.92	176	292	P	H
		11440	45.77	-8.23	54	45.98	40.1	20.61	60.92	176	292	A	H
		17160	52.05	-16.15	68.2	44.07	40.54	26.35	58.91	100	0	P	H
		11440	54.22	-19.78	74	54.43	40.1	20.61	60.92	123	61	P	V
		11440	42.39	-11.61	54	42.6	40.1	20.61	60.92	123	61	A	V
		17160	52.18	-16.02	68.2	44.2	40.54	26.35	58.91	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5426.83	53.52	-20.48	74	38.41	31.51	12.63	29.03	151	21	P	H
		5465.83	52.46	-15.74	68.2	37.18	31.63	12.71	29.06	151	21	P	H
		5400.7	43.16	-10.84	54	28.19	31.4	12.58	29.01	151	21	A	H
	*	5710	112.38	-	-	96.43	31.84	13.14	29.03	151	21	P	H
	*	5710	105.06	-	-	89.11	31.84	13.14	29.03	151	21	A	H
		5925	56.56	-11.64	68.2	39.89	32.3	13.35	28.98	151	21	P	H
		5447.11	53.32	-20.68	74	38.11	31.59	12.67	29.05	153	325	P	V
		5460.76	52.43	-15.77	68.2	37.16	31.62	12.7	29.05	153	325	P	V
		5458.03	40.52	-13.48	54	25.26	31.62	12.69	29.05	153	325	A	V
	*	5710	117.11	-	-	101.16	31.84	13.14	29.03	153	325	P	V
	*	5710	109.33	-	-	93.38	31.84	13.14	29.03	153	325	A	V
		5871.25	58.15	-10.05	68.2	41.68	32.14	13.32	28.99	153	325	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	52.45	-21.55	74	52.69	40.1	20.59	60.93	101	332	P	H
		11420	42.95	-11.05	54	43.19	40.1	20.59	60.93	101	332	A	H
		17130	52.34	-15.86	68.2	44.56	40.42	26.3	58.94	100	0	P	H
		11420	52.16	-21.84	74	52.4	40.1	20.59	60.93	115	321	P	V
		11420	41.35	-12.65	54	41.59	40.1	20.59	60.93	115	321	A	V
		17130	53.1	-15.1	68.2	45.32	40.42	26.3	58.94	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5451.01	55.14	-18.86	74	39.91	31.6	12.68	29.05	148	21	P	H
		5468.56	55.07	-13.13	68.2	39.78	31.64	12.71	29.06	148	21	P	H
		5400.7	45.71	-8.29	54	30.74	31.4	12.58	29.01	148	21	A	H
	*	5690	111.5	-	-	95.65	31.78	13.1	29.03	148	21	P	H
	*	5690	104.04	-	-	88.19	31.78	13.1	29.03	148	21	A	H
		5879.75	58.08	-10.12	68.2	41.58	32.16	13.33	28.99	148	21	P	H
		5381.2	55.9	-18.1	74	41.02	31.32	12.56	29	150	325	P	V
		5466.22	54.8	-13.4	68.2	39.52	31.63	12.71	29.06	150	325	P	V
		5459.59	42.91	-11.09	54	27.65	31.62	12.69	29.05	150	325	A	V
	*	5690	114.22	-	-	98.37	31.78	13.1	29.03	150	325	P	V
	*	5690	106.93	-	-	91.08	31.78	13.1	29.03	150	325	A	V
		5854.75	58.25	-9.95	68.2	41.82	32.11	13.31	28.99	150	325	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	51.37	-22.63	74	51.74	40.04	20.54	60.95	100	14	P	H
		11380	41.68	-12.32	54	42.05	40.04	20.54	60.95	100	14	A	H
		17070	53.38	-14.82	68.2	45.81	40.39	26.2	59.02	100	0	P	H
		11380	51.25	-22.75	74	51.62	40.04	20.54	60.95	100	23	P	V
		11380	41.29	-12.71	54	41.66	40.04	20.54	60.95	100	23	A	V
		17070	53.16	-15.04	68.2	45.59	40.39	26.2	59.02	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11ac VHT80 (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 LF		107.6	28.21	-15.29	43.5	42.15	16.54	1.78	32.26	-	-	P	H
		320.03	35.95	-10.05	46	45.74	19.44	3.1	32.33	-	-	P	H
		445.16	38.53	-7.47	46	44.05	23.04	3.59	32.15	-	-	P	H
		615.88	39.28	-6.72	46	41.37	25.61	4.26	31.96	155	56	Q	H
		741.98	33.87	-12.13	46	33.38	28.05	4.68	32.24	-	-	P	H
		914.64	32.62	-13.38	46	29.85	29.33	5.19	31.75	-	-	P	H
		188.11	30.18	-13.32	43.5	45.38	14.73	2.38	32.31	-	-	P	V
		314.21	25.91	-20.09	46	35.77	19.4	3.08	32.34	-	-	P	V
		445.16	39.61	-6.39	46	45.13	23.04	3.59	32.15	100	0	P	V
		625.58	37.72	-8.28	46	39.4	26	4.3	31.98	-	-	P	V
		746.83	32.23	-13.77	46	31.68	28.1	4.7	32.25	-	-	P	V
		861.29	32.24	-13.76	46	30.23	29.05	5.05	32.09	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

**Emission above 18GHz****WIFI 802.11ac VHT80 (SHF @ 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 SHF		36282	45.43	-22.77	68.2	40.75	42.71	18.66	56.69	150	0	P	H
		38020	47.52	-20.68	68.2	40.39	43.14	19.99	56	150	0	P	H
		33620	44.29	-23.91	68.2	39.75	41.08	17.9	54.44	150	0	P	V
		37470	46.69	-21.51	68.2	40.74	42.71	19.87	56.63	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<X Plane>

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5054.4	53.42	-20.58	74	38.31	31.71	12.19	28.79	100	119	P	H
		5146.2	42.98	-11.02	54	27.8	31.71	12.32	28.85	100	119	A	H
	*	5290	106.38	-	-	91.54	31.3	12.48	28.94	100	119	P	H
	*	5290	98.89	-	-	84.05	31.3	12.48	28.94	100	119	A	H
		5350.8	60.09	-13.91	74	45.34	31.2	12.53	28.98	100	119	P	H
		5350.56	52.81	-1.19	54	38.06	31.2	12.53	28.98	100	119	A	H
		5128.18	53.54	-20.46	74	38.34	31.74	12.29	28.83	387	258	P	V
		5148.92	42.33	-11.67	54	27.16	31.7	12.32	28.85	387	258	A	V
	*	5290	101.29	-	-	86.45	31.3	12.48	28.94	387	258	P	V
	*	5290	93.17	-	-	78.33	31.3	12.48	28.94	387	258	A	V
		5354.16	54.65	-19.35	74	39.87	31.22	12.54	28.98	387	258	P	V
		5350.08	45.64	-8.36	54	30.89	31.2	12.53	28.98	387	258	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10580	51.13	-17.07	68.2	52.72	40	19.04	61.1	100	0	P	H
VHT80		15870	48.47	-25.53	74	48.06	37.16	23.88	61.12	100	0	P	H
CH 58		10580	51.65	-16.55	68.2	53.24	40	19.04	61.1	100	0	P	V
5290MHz		15870	48.32	-25.68	74	47.91	37.16	23.88	61.12	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix D. Radiated Spurious Emission

Test Engineer :	Karl Hou, Andy Yang and CR Liao	Temperature :	20~25°C
		Relative Humidity :	50~60%

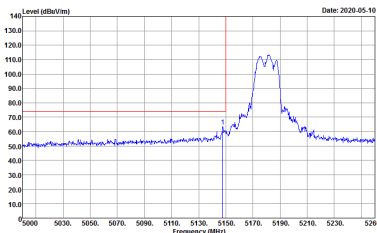
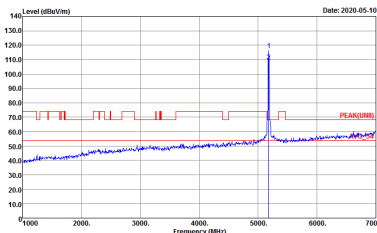
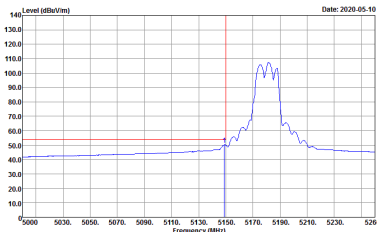
Note symbol

-L	Low channel location
-R	High channel location

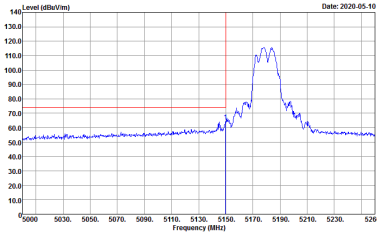
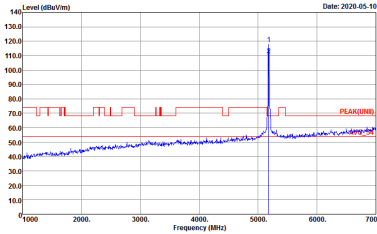
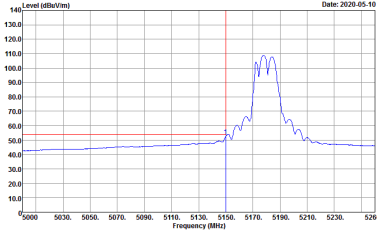


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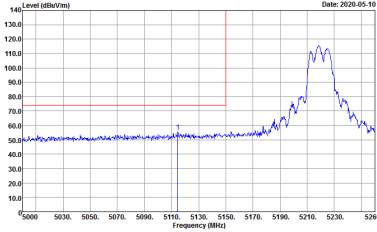
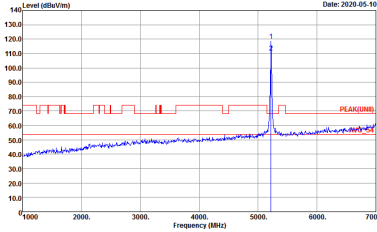
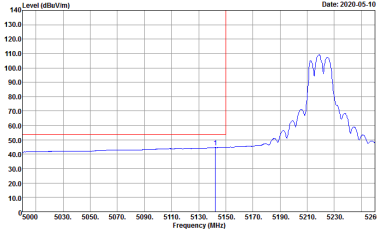
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

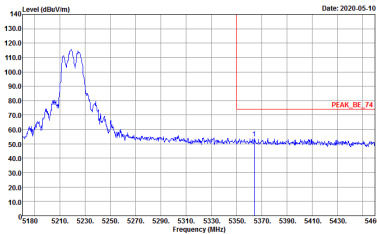
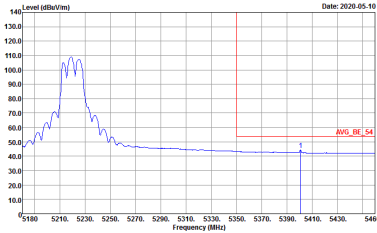
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



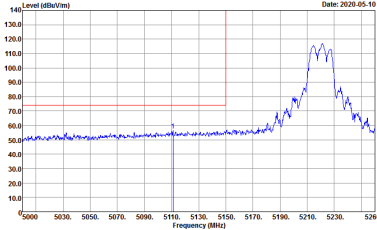
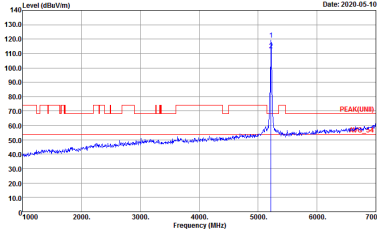
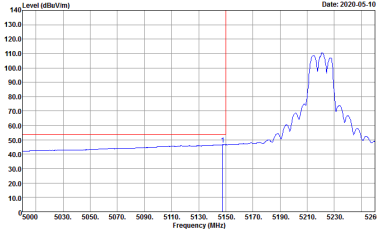
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:10.000KHz SWT:Auto Project : Peak Project : 020402-01	Left blank



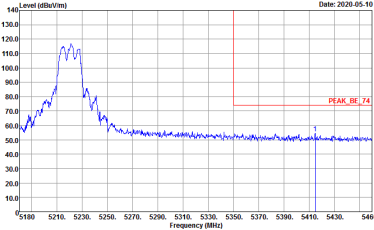
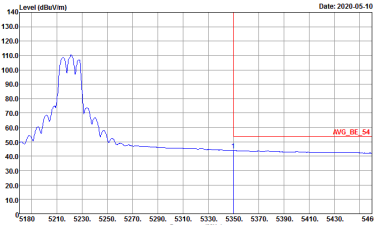
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

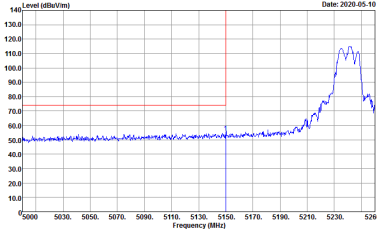
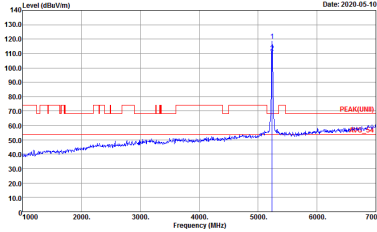
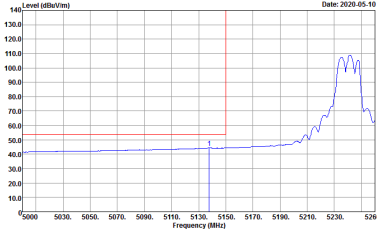


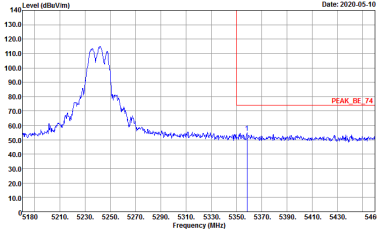
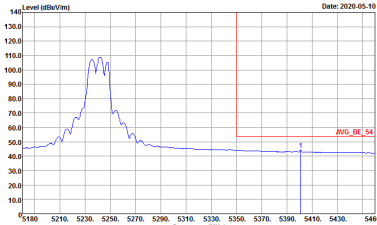
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	Left blank



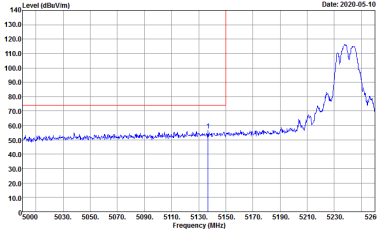
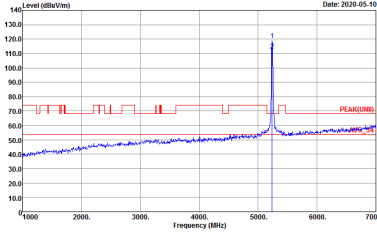
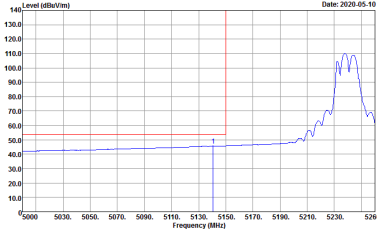
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

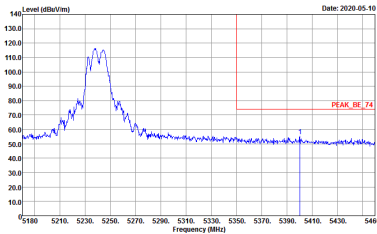
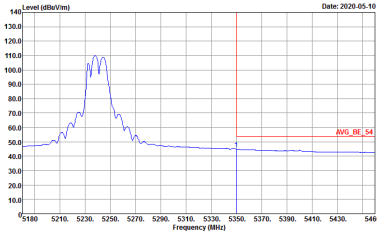


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank

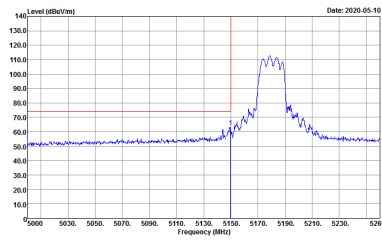
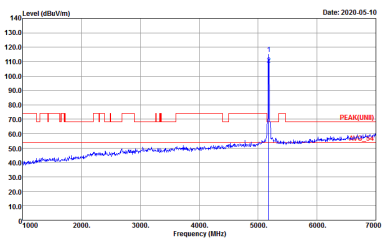
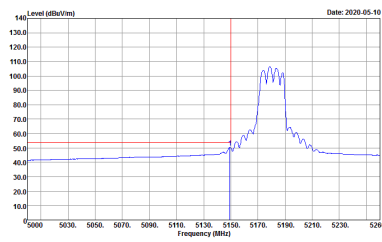
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank



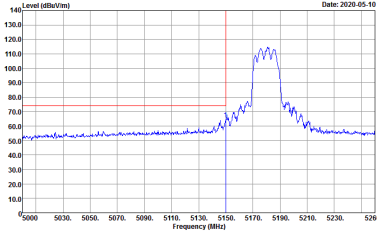
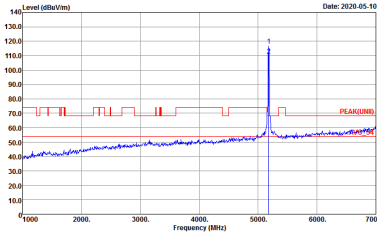
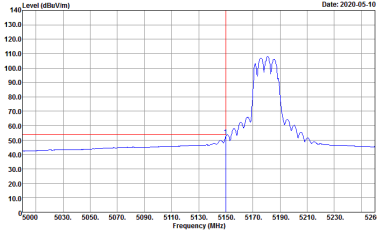
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL Detector : Peak Project : 020402-01	Left blank

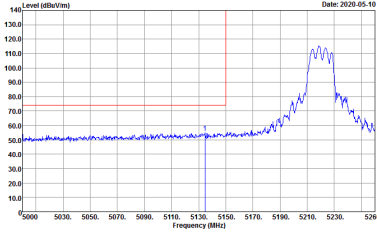
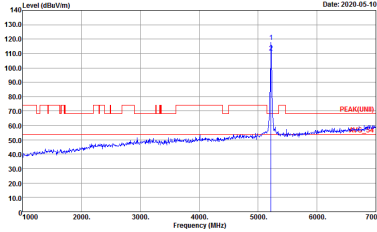
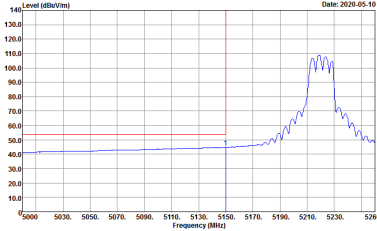
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01 Date: 2020-05-10	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01 Date: 2020-05-10
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01 Date: 2020-05-10	Left blank

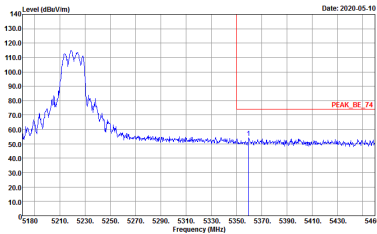
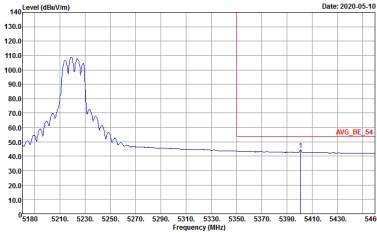


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

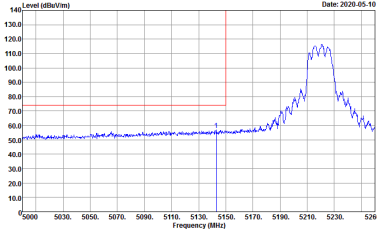
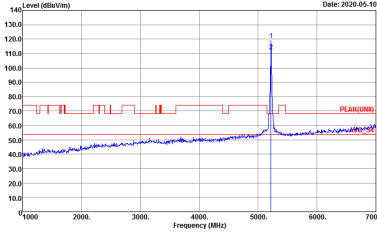
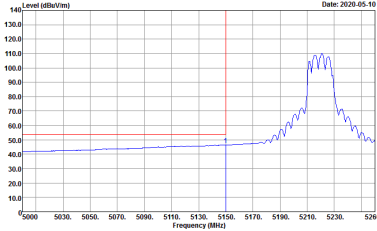


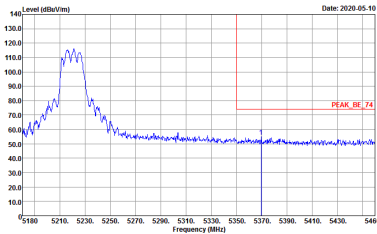
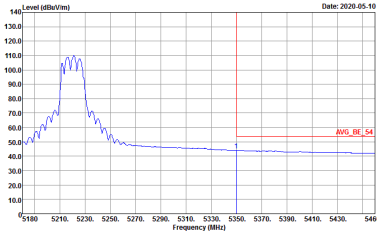
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



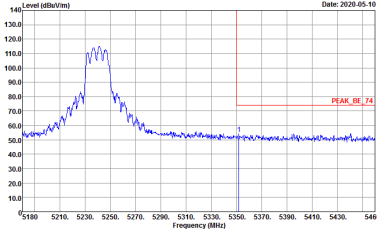
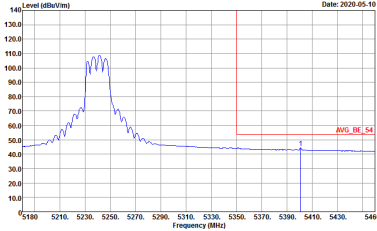
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

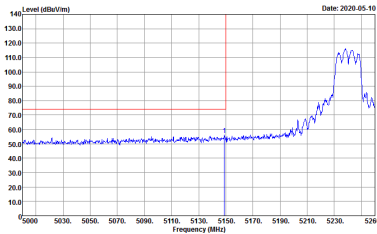
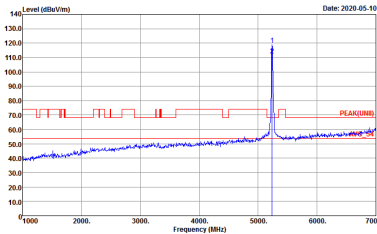
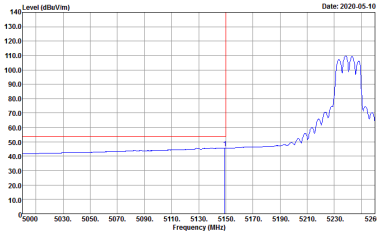


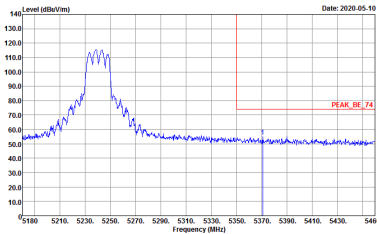
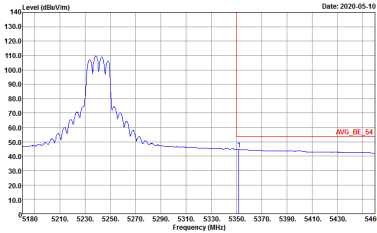
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

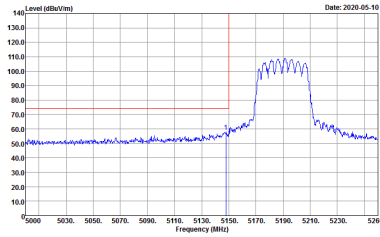
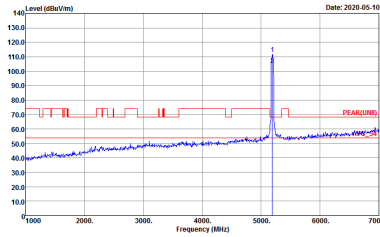
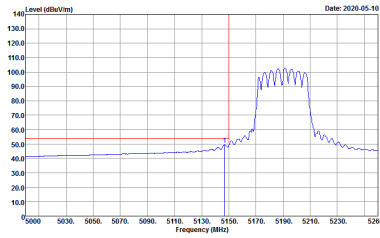


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Project : 020402-01	Left blank

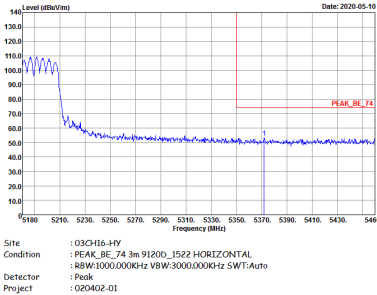
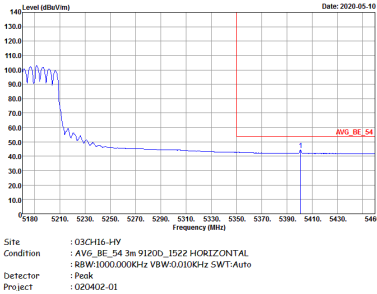
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



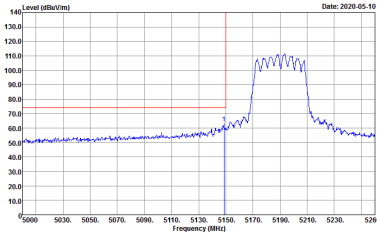
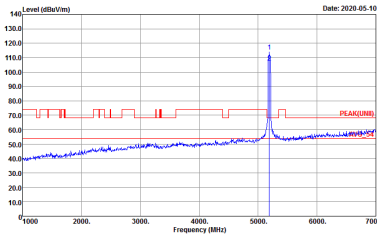
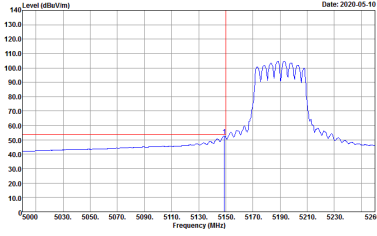
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01 Date: 2020-05-10	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01 Date: 2020-05-10
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01 Date: 2020-05-10	Left blank

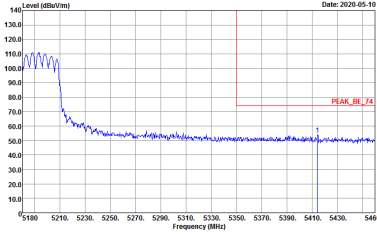
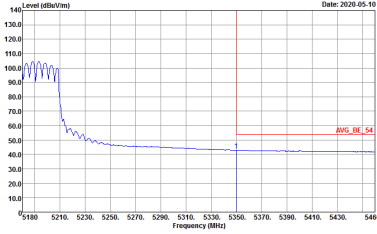


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

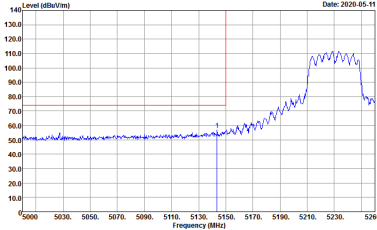
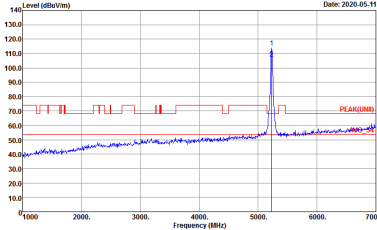
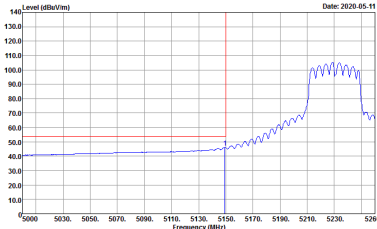


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

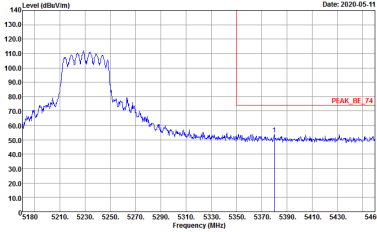
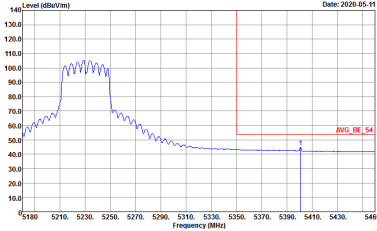


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank

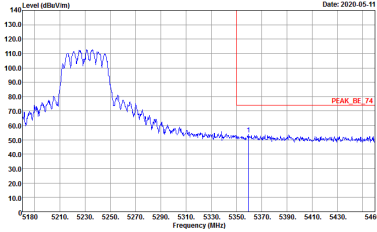
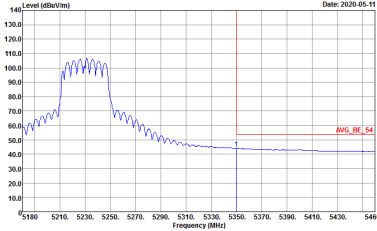


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

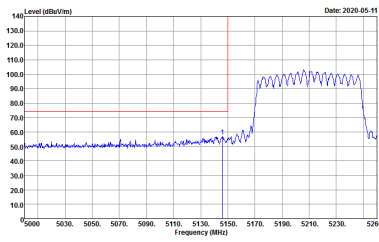
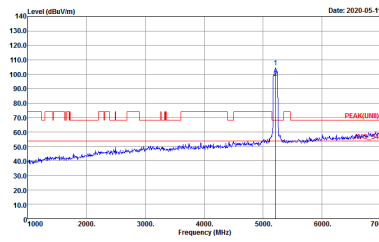
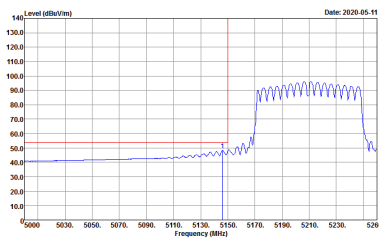


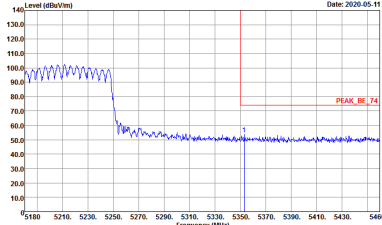
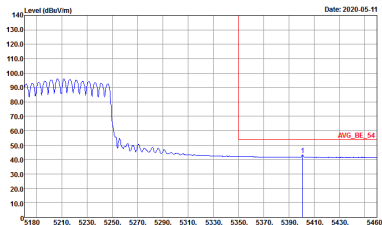
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
0+1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	Left blank

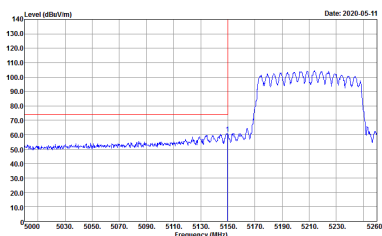
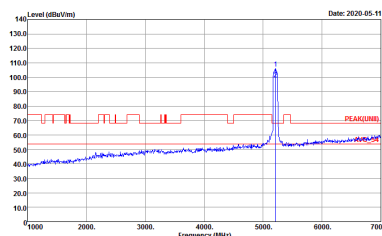
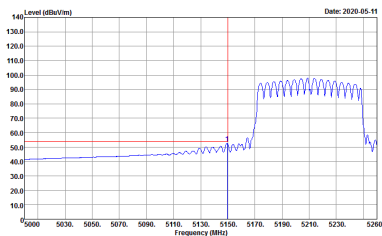


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

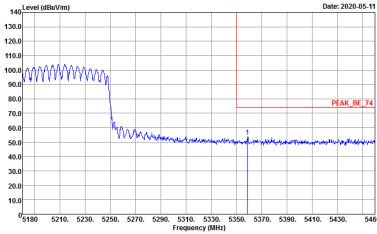
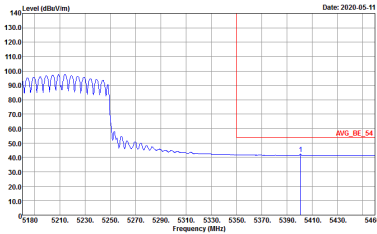
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

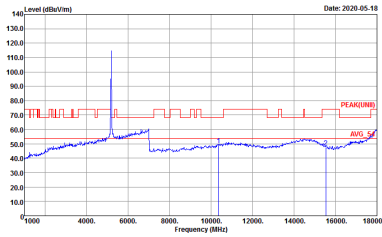
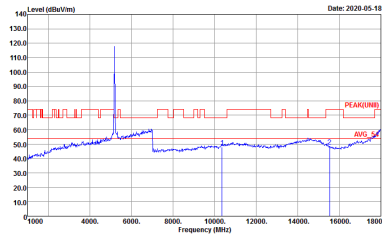
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

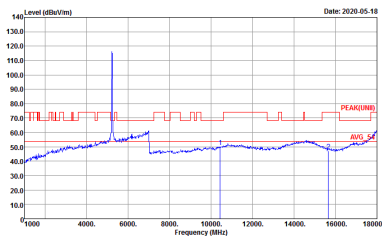
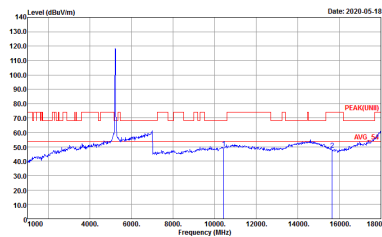


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

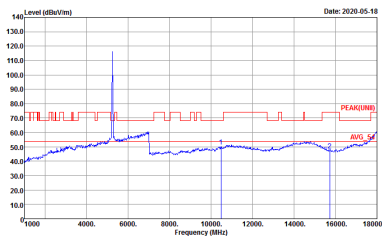
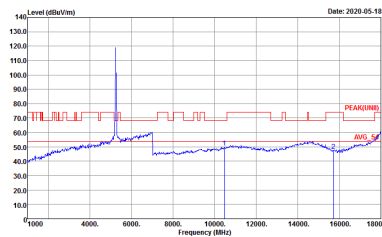
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

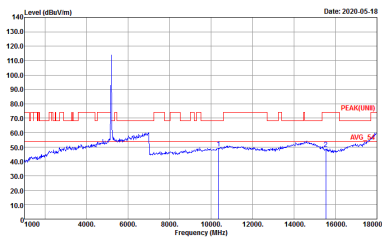
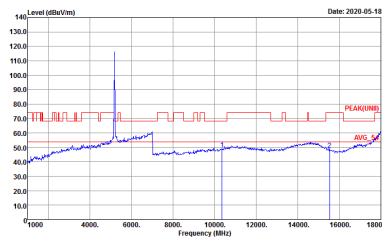


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

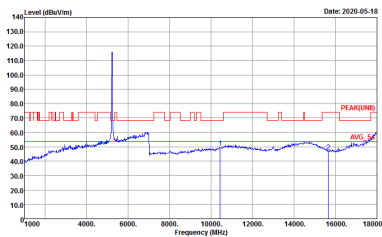
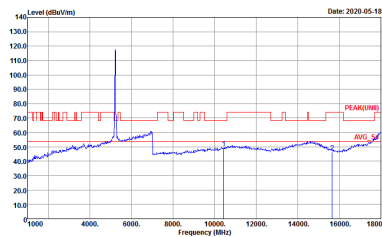


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

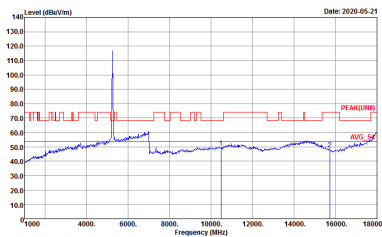
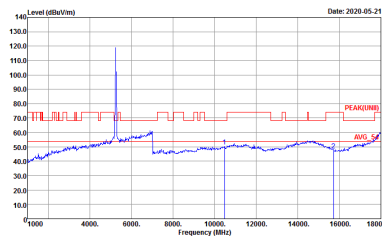
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Date: 2020-05-18 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Date: 2020-05-18 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

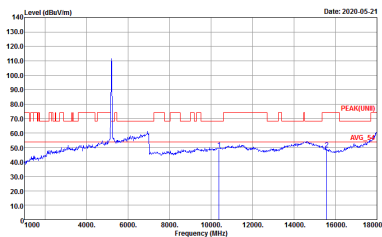
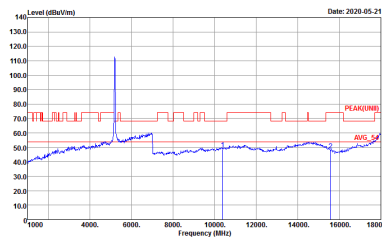


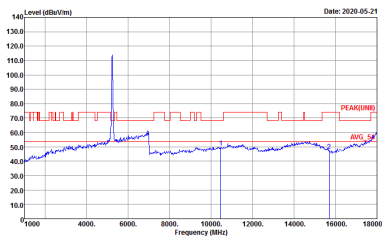
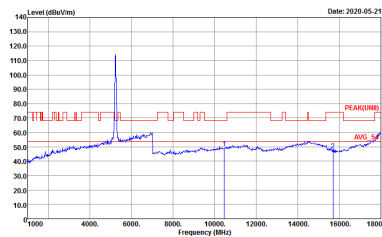
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

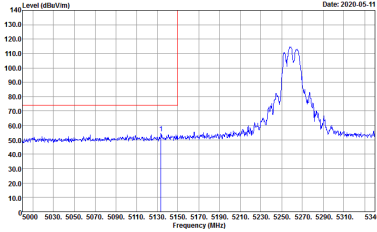
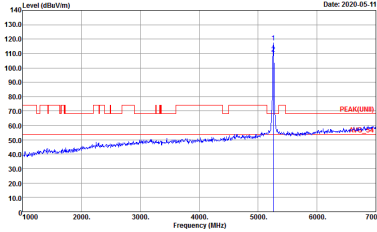
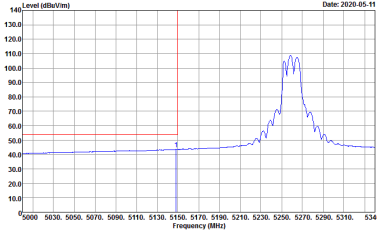


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

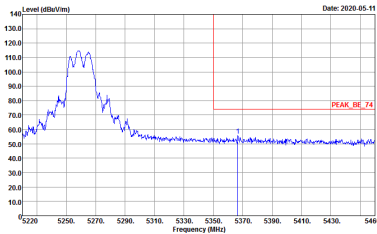
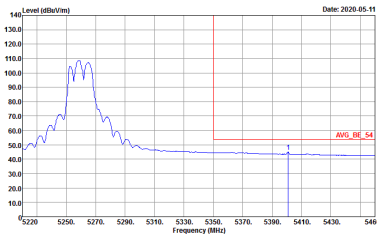
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
0+1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2020-05-21 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Level (dBuV/m) Date: 2020-05-21 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



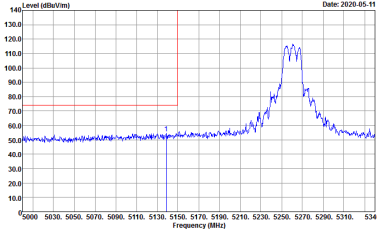
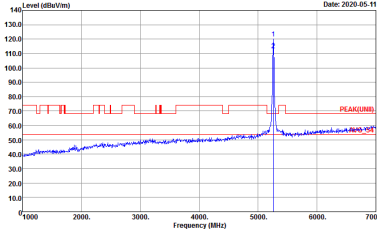
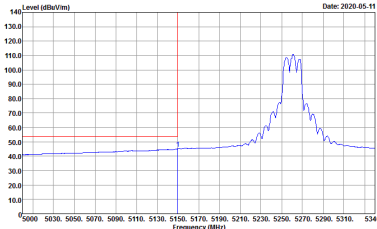
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

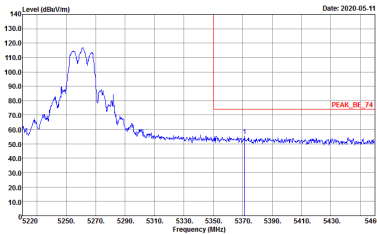
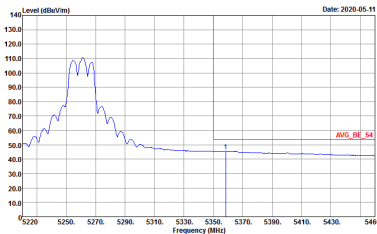
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



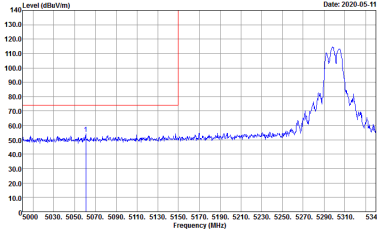
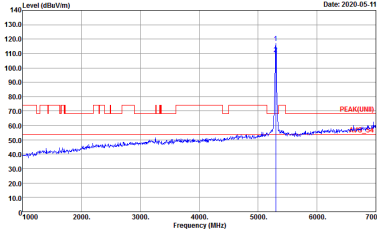
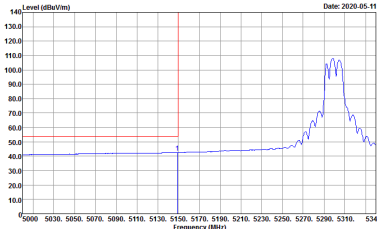
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

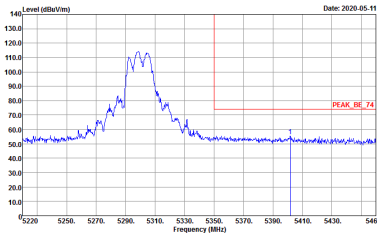
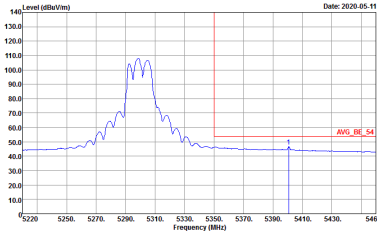


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

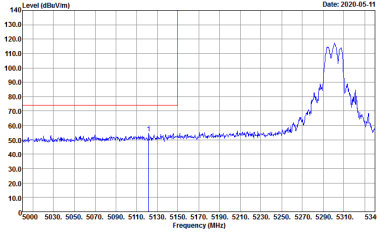
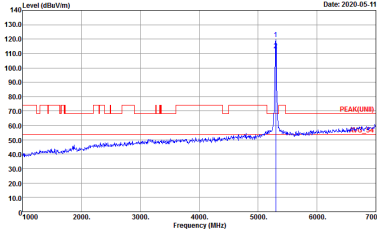
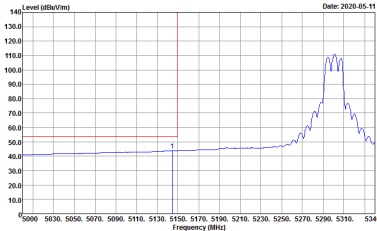
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



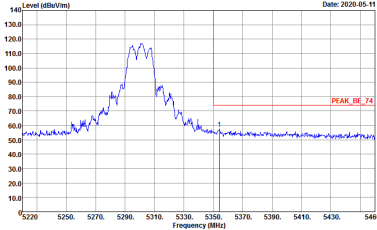
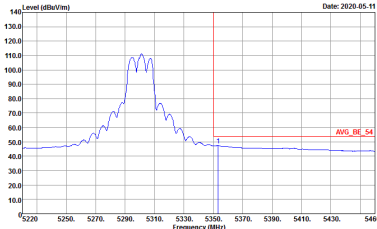
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak	 Level (dBuV/m) Date: 2020-05-11 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Level (dBuV/m) Date: 2020-05-11 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Level (dBuV/m) Date: 2020-05-11 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

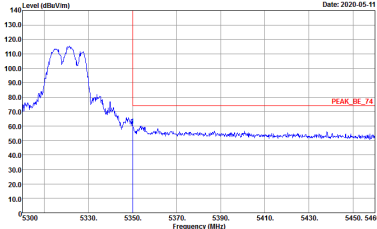
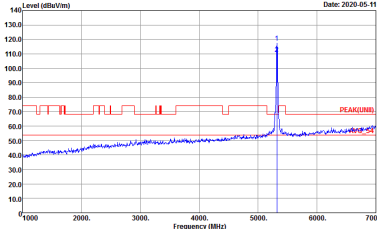
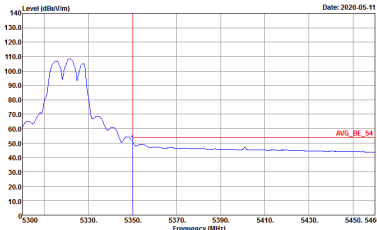


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

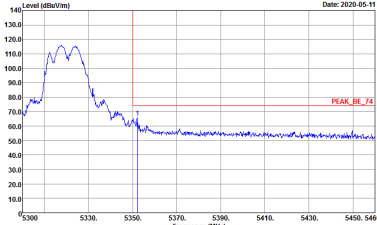
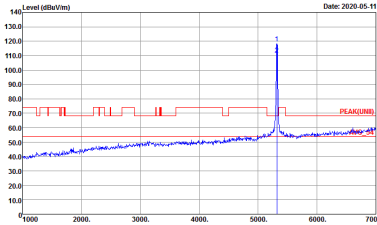
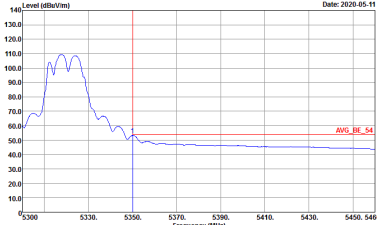


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL Detector : Peak Project : 020402-01	Left blank

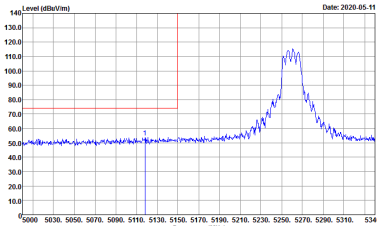
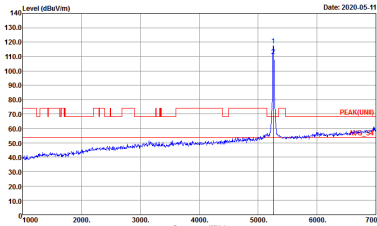
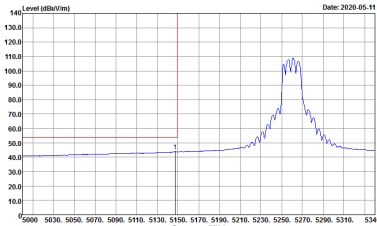


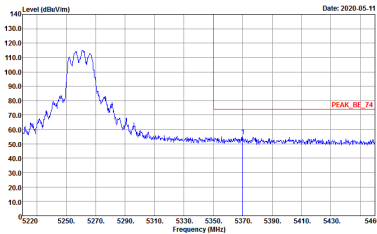
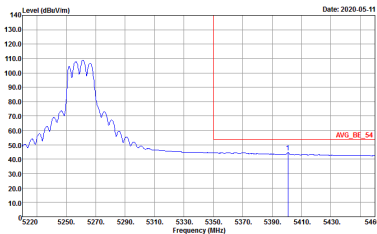
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

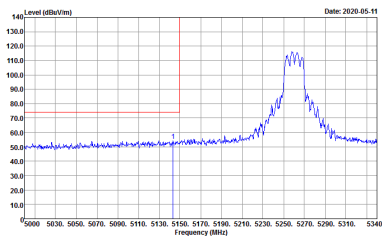
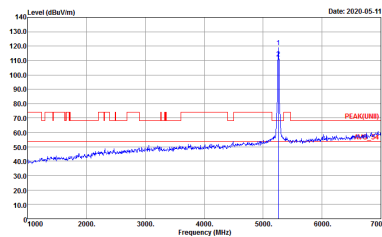
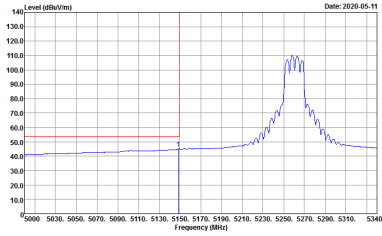


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UWB) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

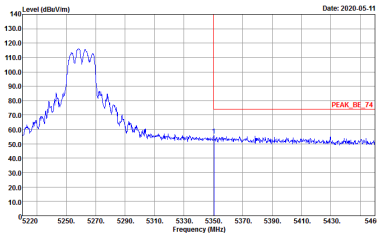
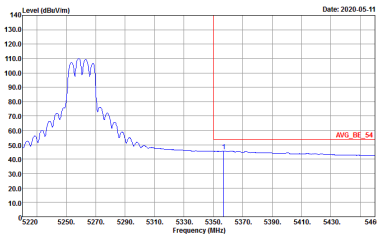
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank

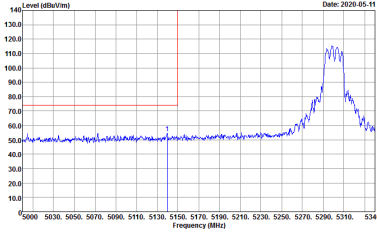
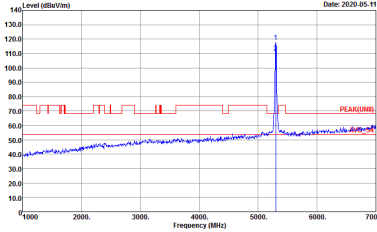
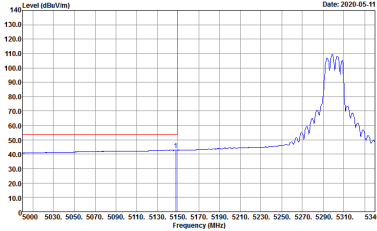
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

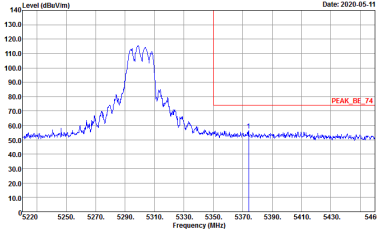
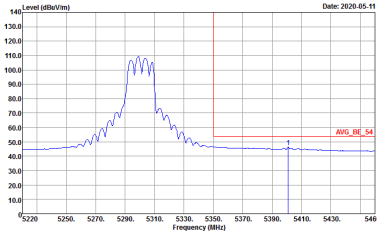


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

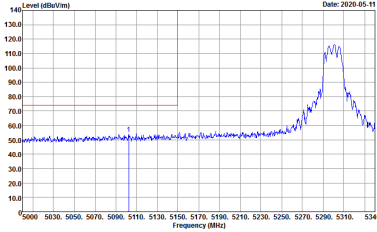
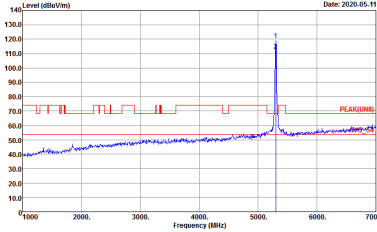
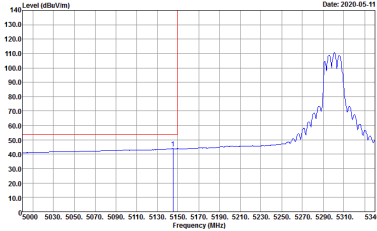


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank

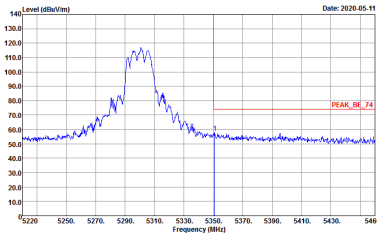
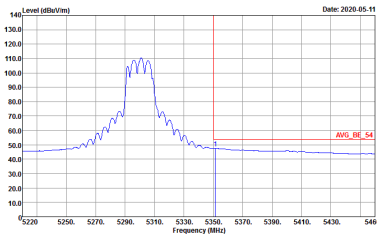


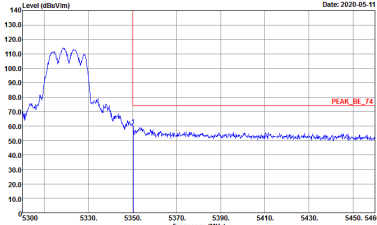
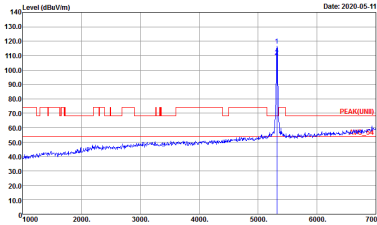
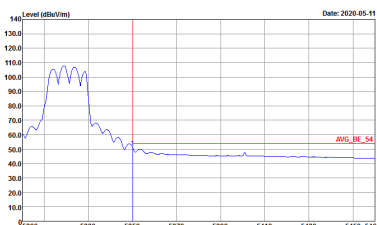
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
0+1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



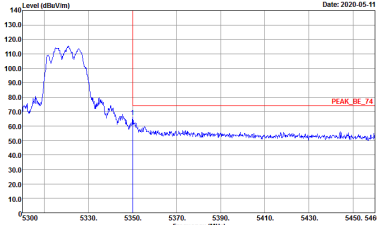
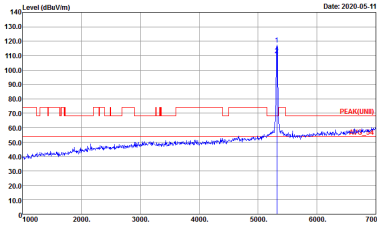
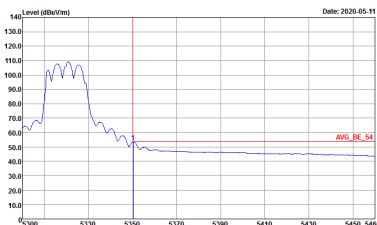
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Project : 020402-01	Left blank



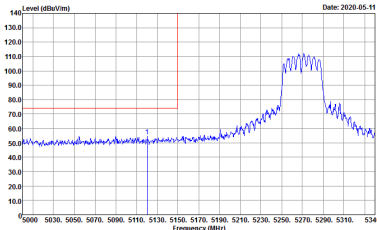
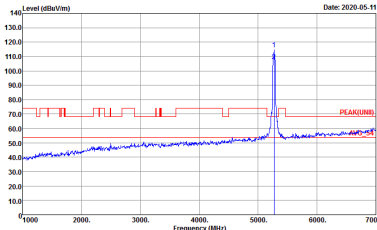
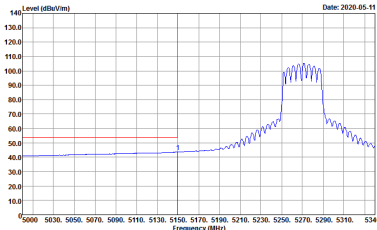
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

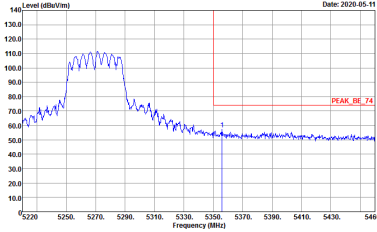
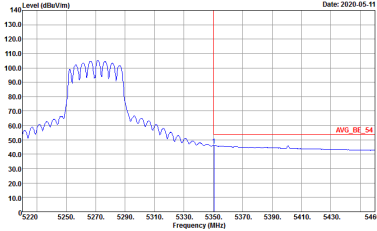


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

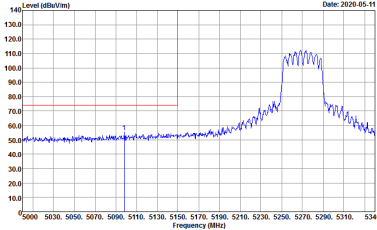
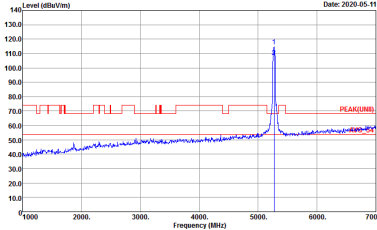
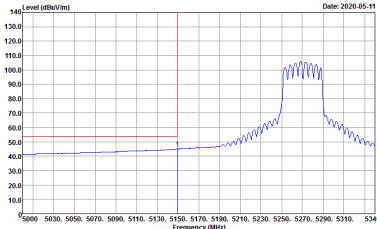
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

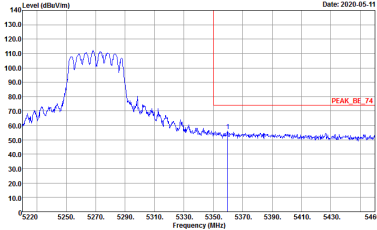
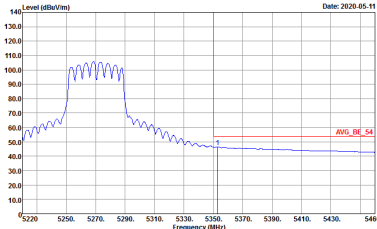
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01 Date: 2020-05-11	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01 Date: 2020-05-11
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01 Date: 2020-05-11	Left blank



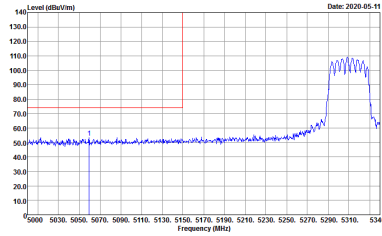
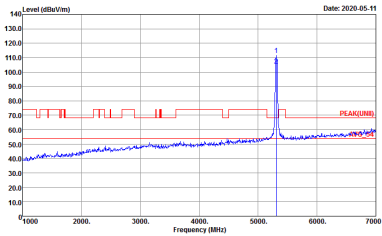
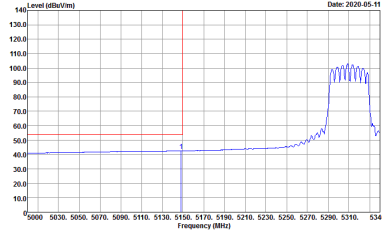
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



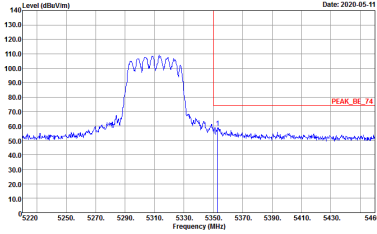
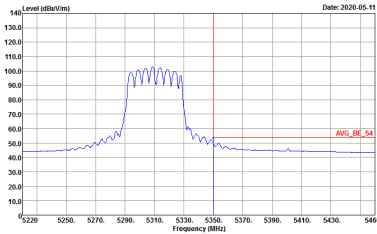
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
0+1	Vertical	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

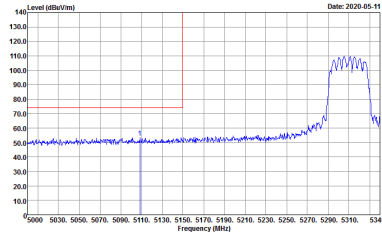
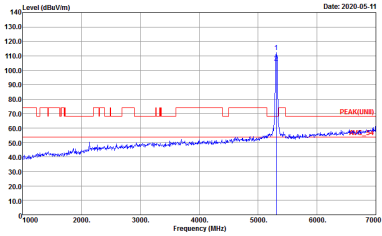
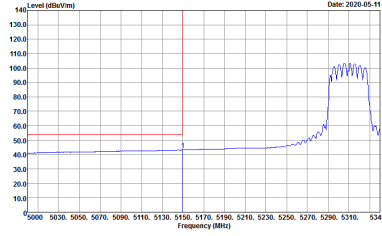
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
0+1	Vertical	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



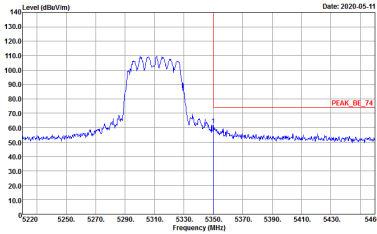
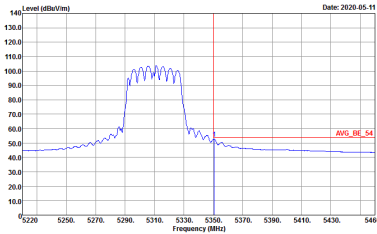
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



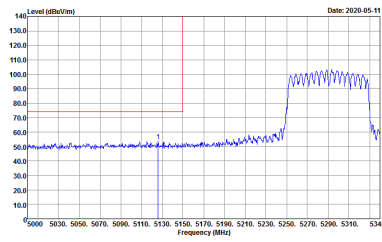
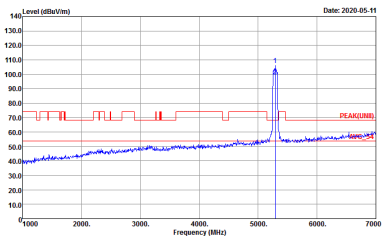
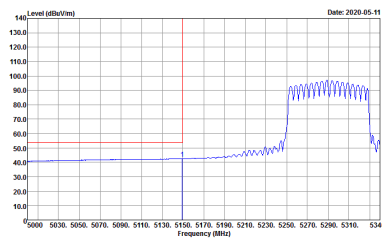
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

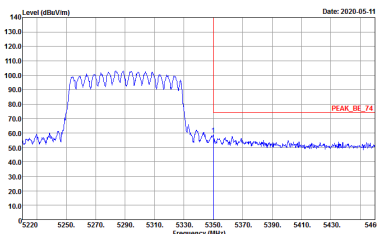
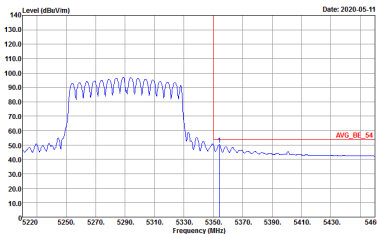


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 020402-01	Left blank

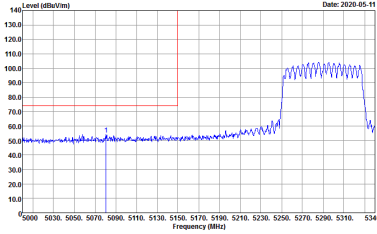
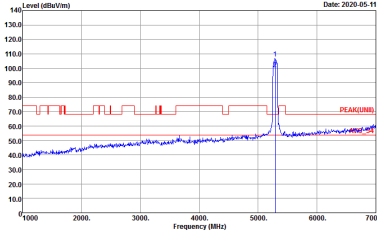
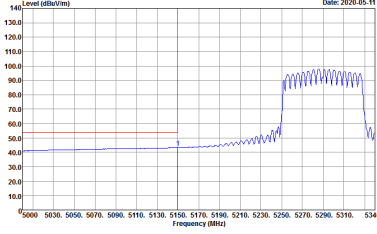
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

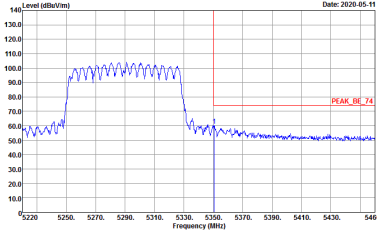
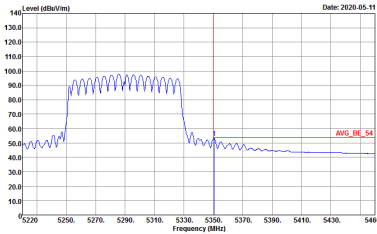


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



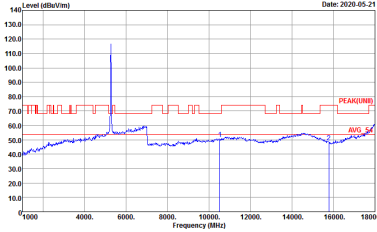
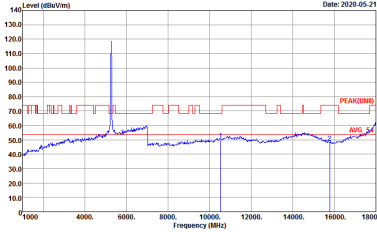
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

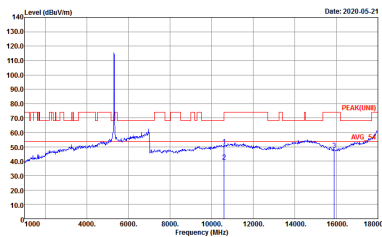
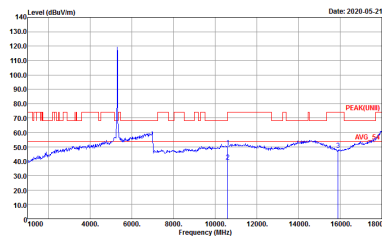


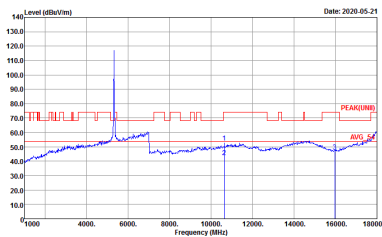
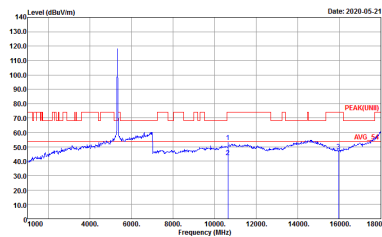
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



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

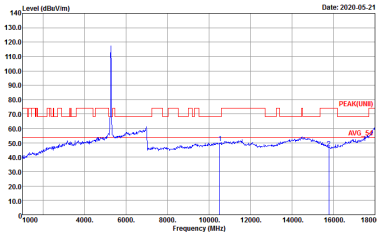
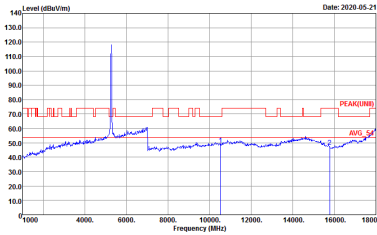
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-MY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-MY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

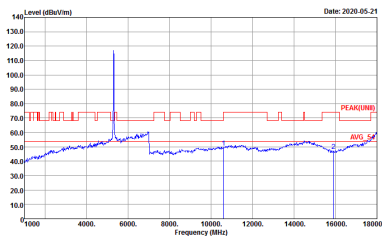
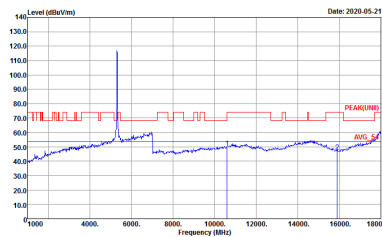
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



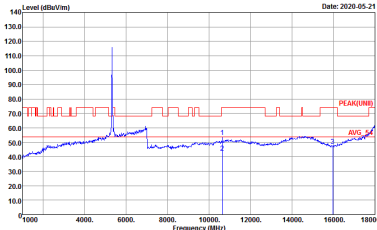
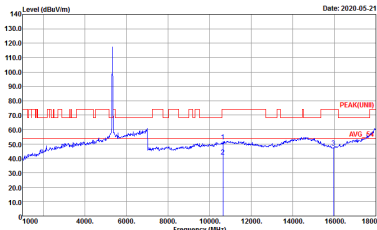
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



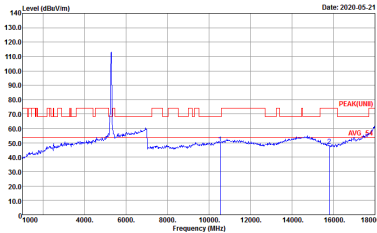
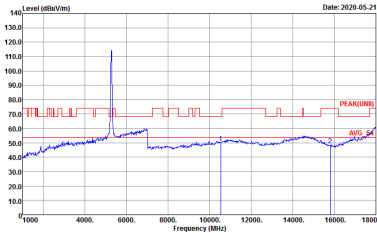
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



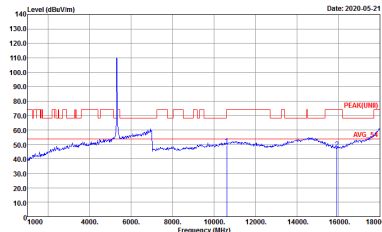
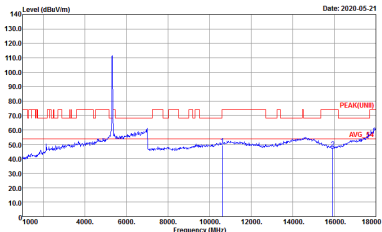
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



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

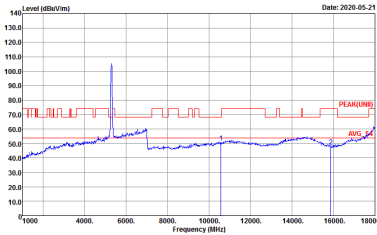
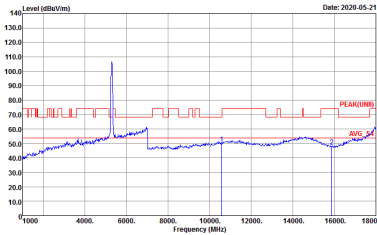
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 09CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 09CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

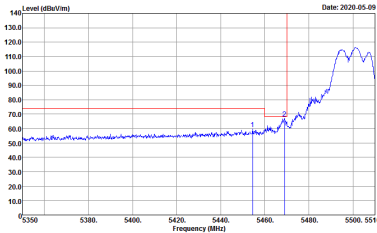
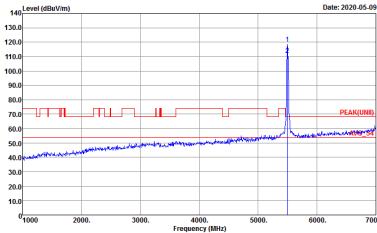
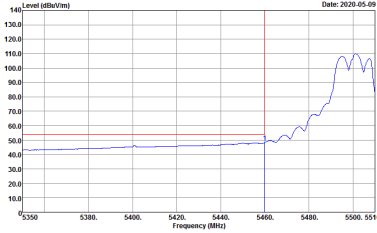


Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

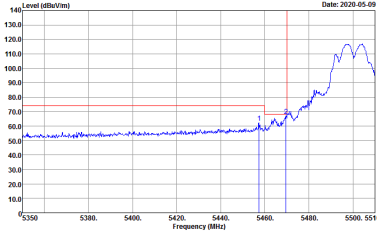
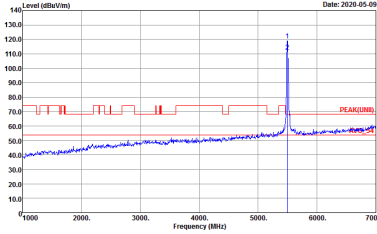
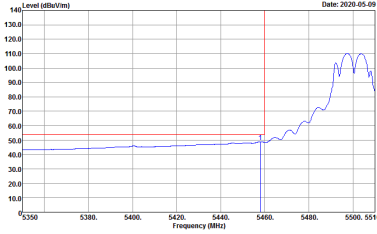
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

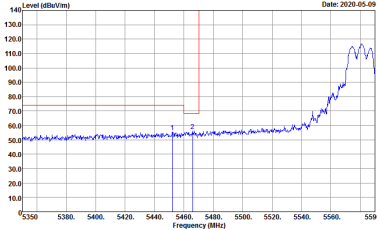
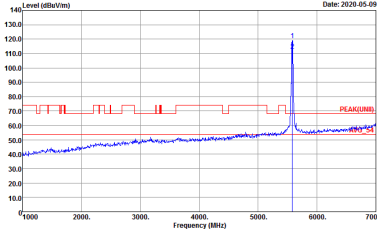
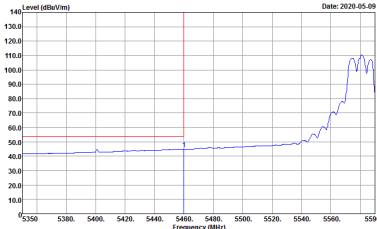


Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

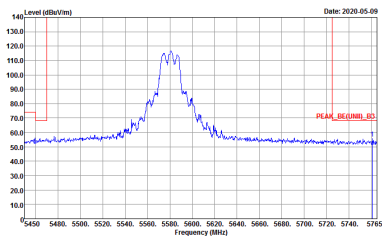
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

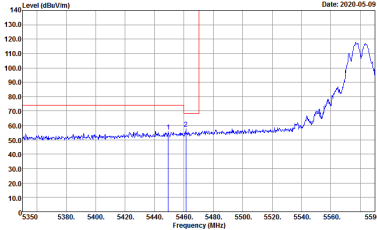
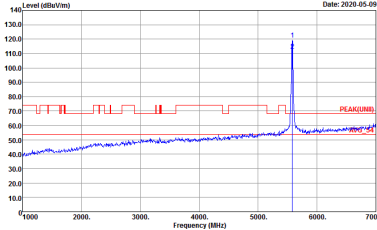
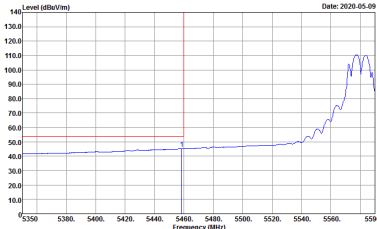


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank



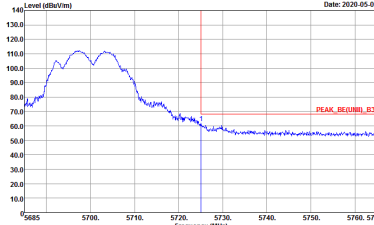
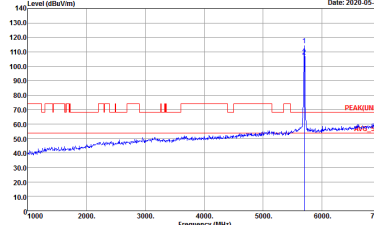
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : USCH116-10V Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

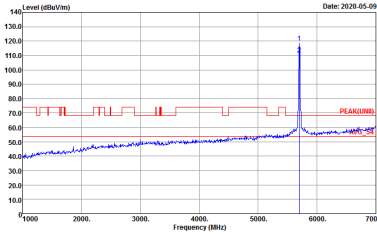
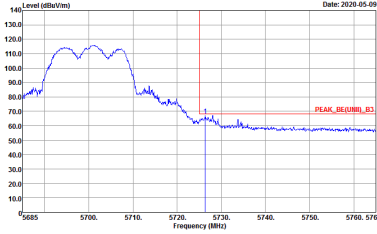


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
0+1	Vertical	Fundamental
Peak	Site : 03CH116-11V Condition : PEAK_BE(CH116)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



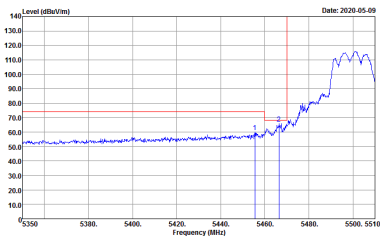
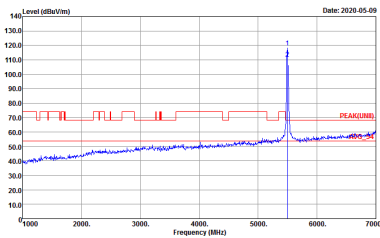
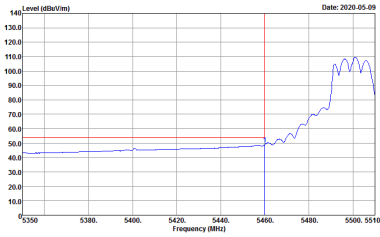
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 020402-01



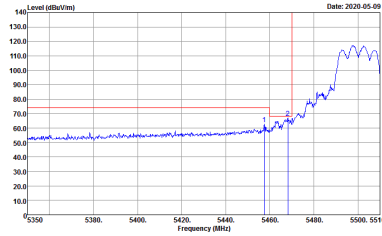
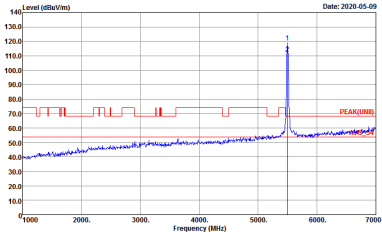
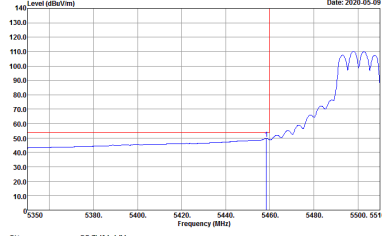
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01

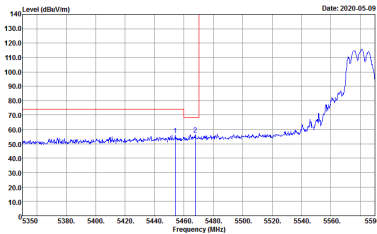
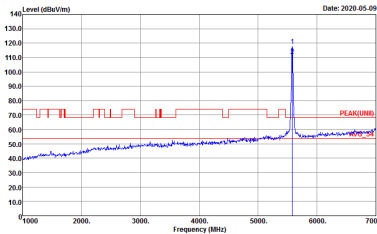
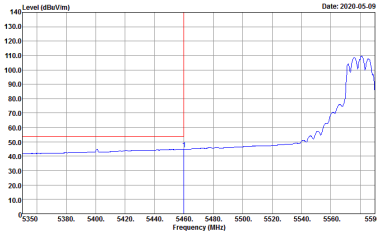


Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

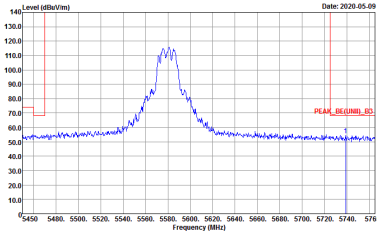
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

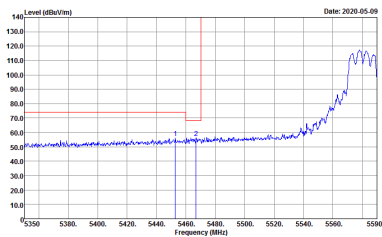
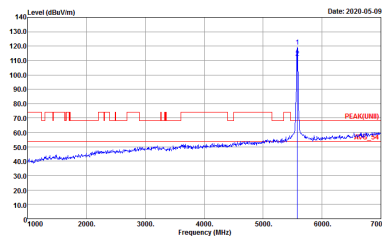
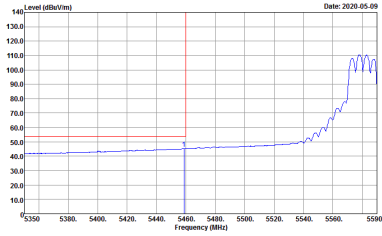


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

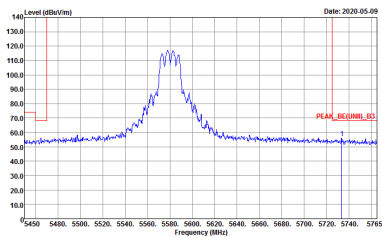
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH16 5580MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank



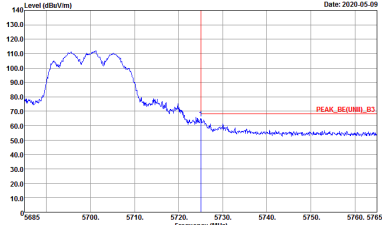
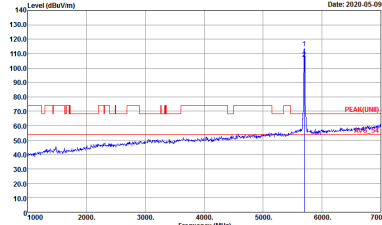
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : USCH116-10V Condition : PEAK_REC(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH16 5580MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT), B3 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT), B3 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

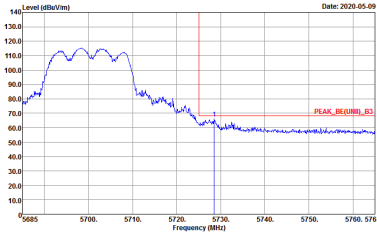
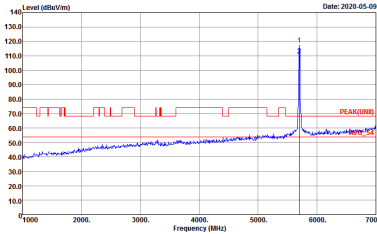


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



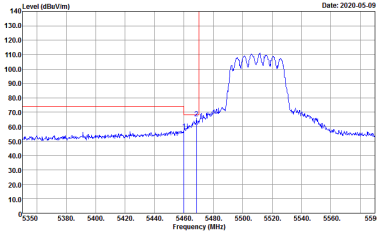
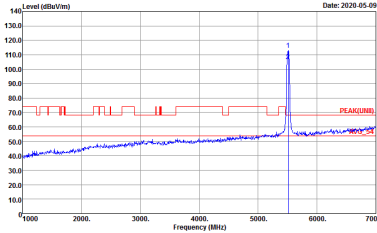
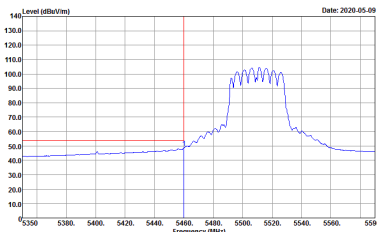
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Deflector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Deflector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 020402-01



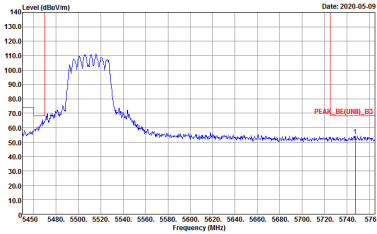
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
0+1	Vertical	Fundamental
Peak.	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak - 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak - 020402-01



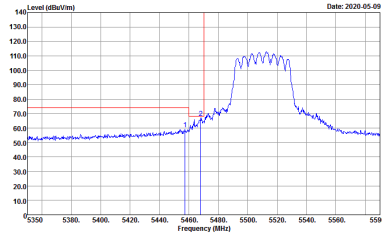
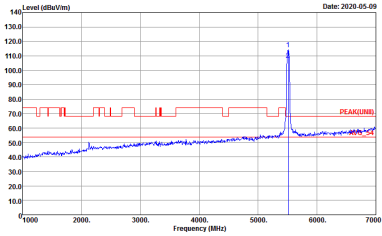
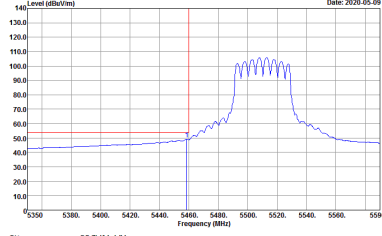
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

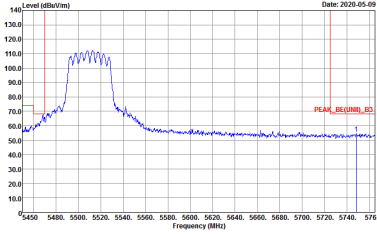


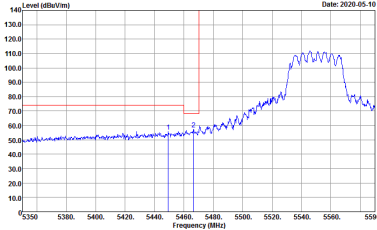
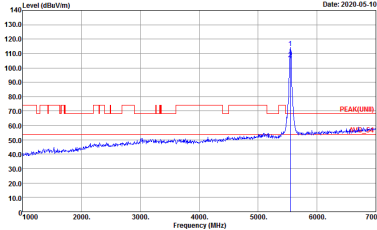
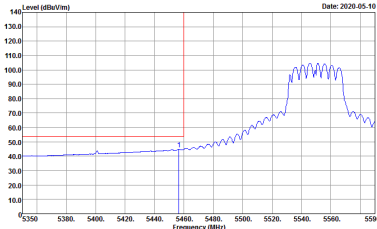
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-FY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Deflector : Peak Project : 020402-01	Left blank



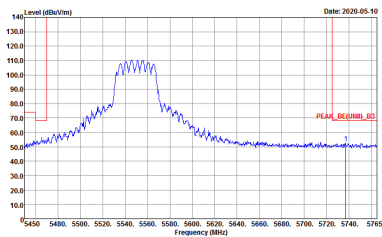
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

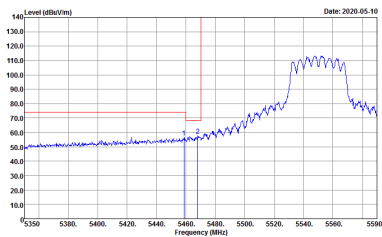
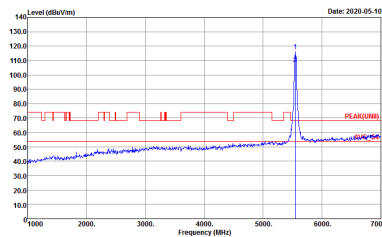
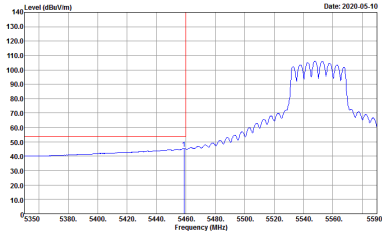


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz 5WT:Auto Detector : Peak Project : 020402-01	Left blank

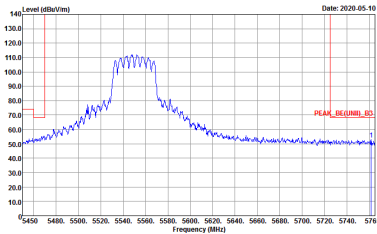
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank

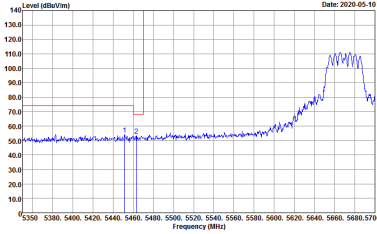
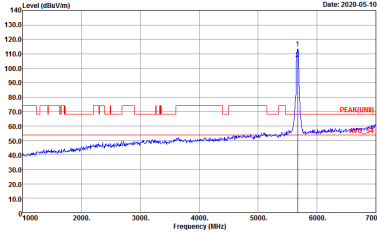
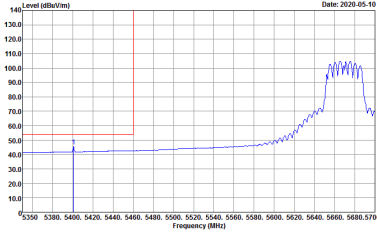


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : USCH10-10V Condition : PEAK_BE(UNIT), B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

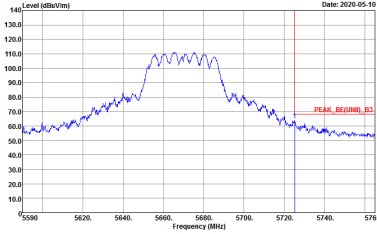
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

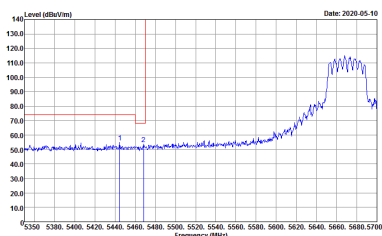
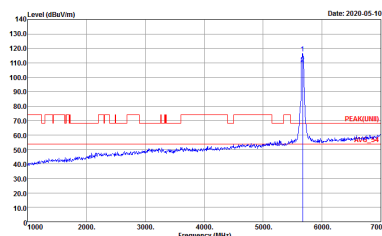
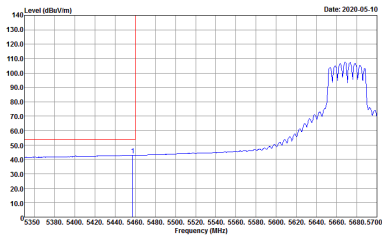


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : USCH10-10V Condition : PEAK_BE(UNIT), B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

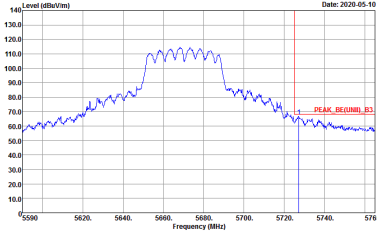
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

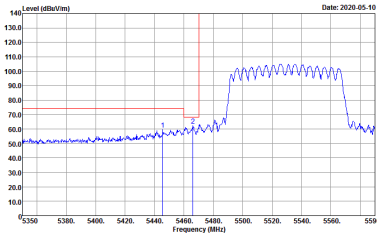
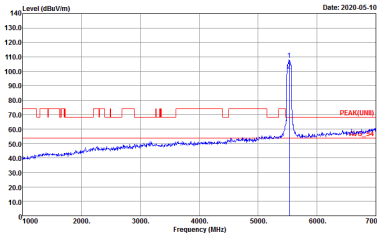
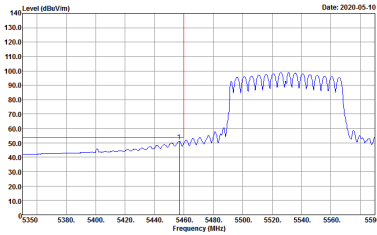
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank



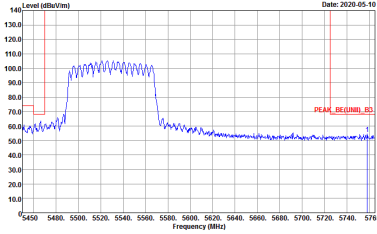
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

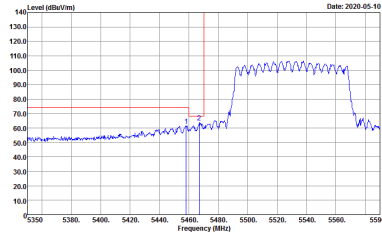
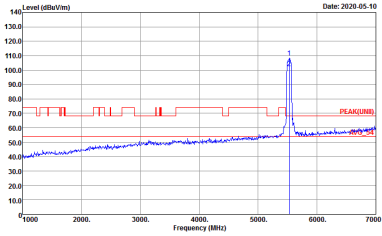
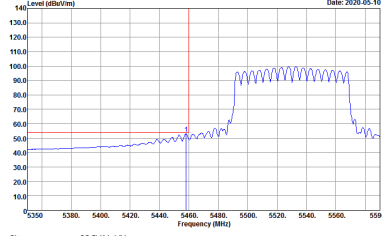


Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank

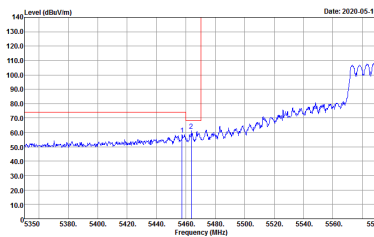
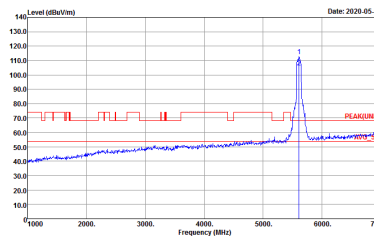
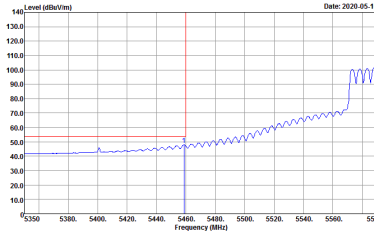


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

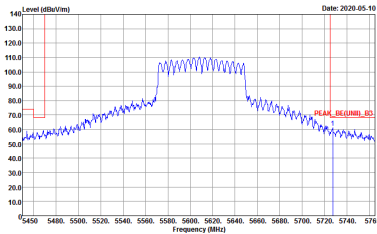
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

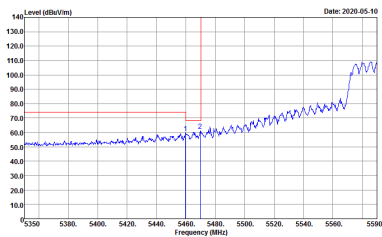
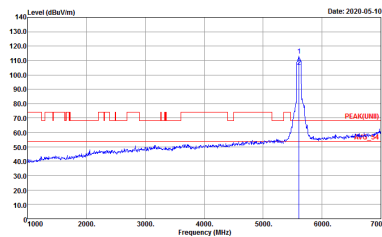
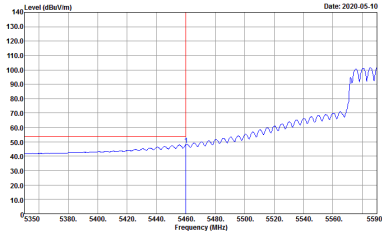


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
0+1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

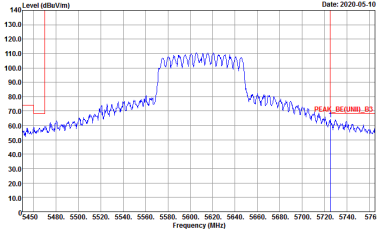
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	Left blank



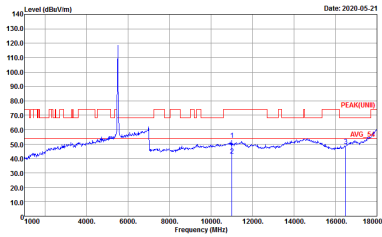
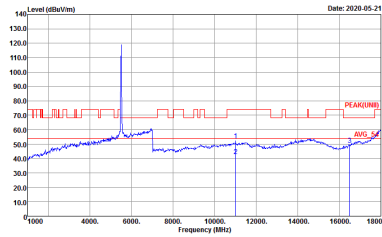
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH16-19V Condition : PEAK_DE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01
	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01	Left blank

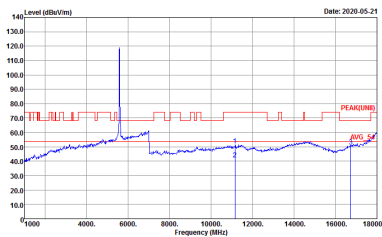
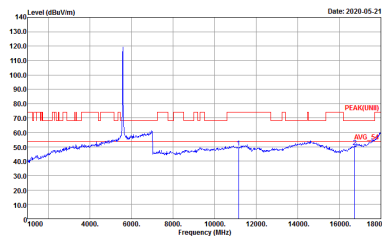


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 020402-01	Left blank

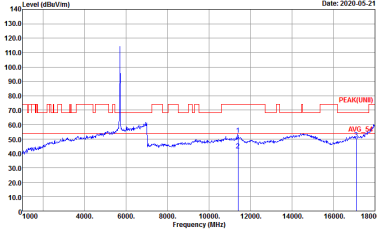
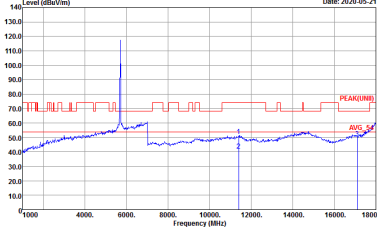
Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

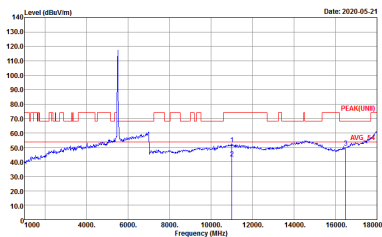
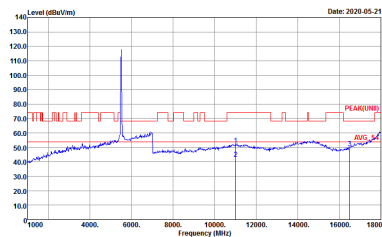


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

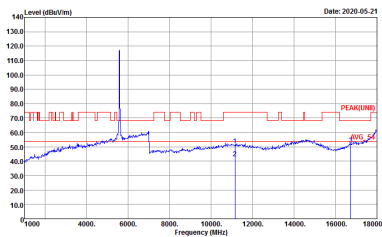
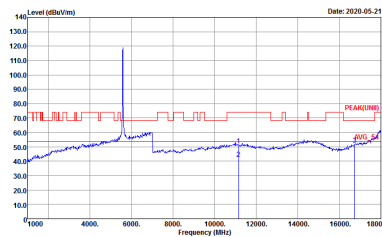


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01

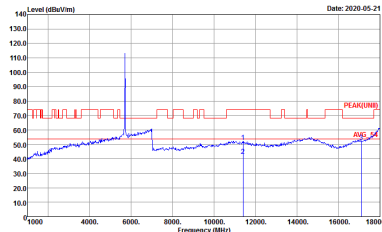
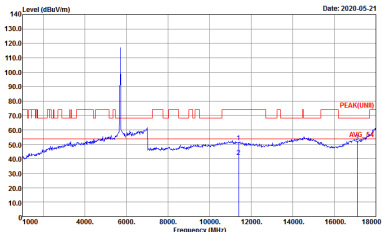
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Date: 2020-05-21 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Date: 2020-05-21 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 09CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 020402-01	 Site : 09CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 020402-01