FCC RADIO TEST REPORT

FCC ID	**:**	**IHDT56XP1**
Equipment	**:**	**Mobile Cellular Phone**
Brand Name	**:**	**Motorola**
Model Name	**:**	**XT1962-1**
Applicant	**:**	**Motorola Mobility LLC** **222 W,Merchandise Mart Plaza, Chicago IL 60654 USA**
Manufacturer	**:**	**Motorola Mobility LLC** **222 W,Merchandise Mart Plaza, Chicago IL 60654 USA**
Standard	**:**	**FCC Part 15 Subpart E §15.407**

The product was received on Sep. 08, 2018 and testing was started from Sep. 21, 2018 and completed on Sep. 26, 2018. We, SPORTON INTERNATIONAL INC., 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.

Approved by: Joseph Lin

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
FR890804D	01	Initial issue of report	Oct. 12, 2018

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 3.23 dB at 5350.080 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 20.11 dB at 0.152 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Reviewed by: Wii Chang

Report Producer: Natasha Hsieh

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT1962-1
FCC ID	IHDT56XP1
IMEI Code	**Conducted :** IMEI: 355569090014734 **Conduction :** IMEI: 355569090016895 **Radiation :** IMEI: 355569090016846
EUT supports Radios application	CDMA/EV-DO/GSM/EGPRS/WCDMA/HSPA/LTE/GNSS/ FM WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 Bluetooth BR/EDR/LE
HW Version	DVT1-B
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer.

Accessory List	
AC Adapter 1	Brand Name : Motorola
	Model Name : SC-51
	Manufacturer : Salom
AC Adapter 2	Brand Name : Motorola
	Model Name : SC-51
	Manufacturer : Chenyang
Battery	Brand Name : Motorola
	Model Name : JG30
	Manufacturer : Amperex
Earphone	Brand Name : Motorola
	Model Name : SH38C37773
	Manufacturer : Lyand
USB Cable 1	Brand Name : Cabletech
	Model Name : SKN6473A
USB Cable 2	Brand Name : Saibao
	Model Name : SKN6473A
USB Cable 3	Brand Name : Luxshare
	Model Name : SKN6473A

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** 802.11a : 18.94 dBm / 0.0783 W 802.11n HT20 : 18.97 dBm / 0.0789 W 802.11n HT40 : 17.62 dBm / 0.0578 W **<5260 MHz ~ 5320 MHz>** 802.11a : 18.97 dBm / 0.0789 W 802.11n HT20 : 18.90 dBm / 0.0776 W 802.11n HT40 : 17.83 dBm / 0.0607 W **<5500 MHz ~ 5700 MHz >** 802.11a : 18.98 dBm / 0.0791 W 802.11n HT20 : 18.95 dBm / 0.0785 W 802.11n HT40 : 17.98 dBm / 0.0628 W
99% Occupied Bandwidth	802.11a : 17.20 MHz 802.11n HT20 : 18.25 MHz 802.11n HT40 : 36.70 MHz
Antenna Type / Gain	**<5150 MHz ~ 5250 MHz>** IFA Antenna with gain 0.00 dBi **<5250 MHz ~ 5350 MHz>** IFA Antenna with gain 0.00 dBi **<5470 MHz ~ 5725 MHz>** IFA Antenna with gain 0.00 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

Remark: The WLAN operation in 5600 MHz ~ 5650 MHz is notched.

1.3 Modification of EUT

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

1.4 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1190 and TW0007 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

Test Site	SPORTON INTERNATIONAL INC.	
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.
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.**
	03CH13-HY

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

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.
- ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

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

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

2.1 Carrier Frequency and Channel

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

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
	-	-		

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
	-	-	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Note: The above Frequency and Channel in "*" were 802.11n HT40.

2.2 Test Mode

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

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : GSM1900 Idle + Bluetooth Link + WLAN (5GHz) Link + MP3 + Battery + USB Cable 3 Type C (Charging from Adapter 1)
Remark: For Radiated Test Cases, the tests were performed with Adapter 1 and USB Cable 1 Type C.	

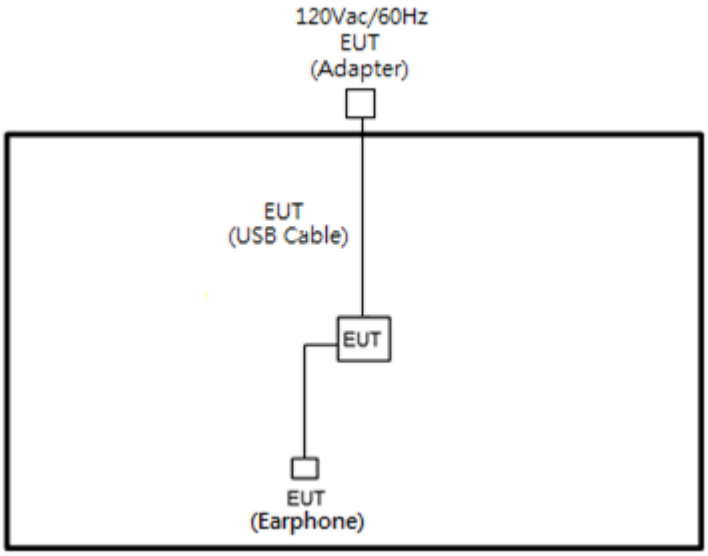
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

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

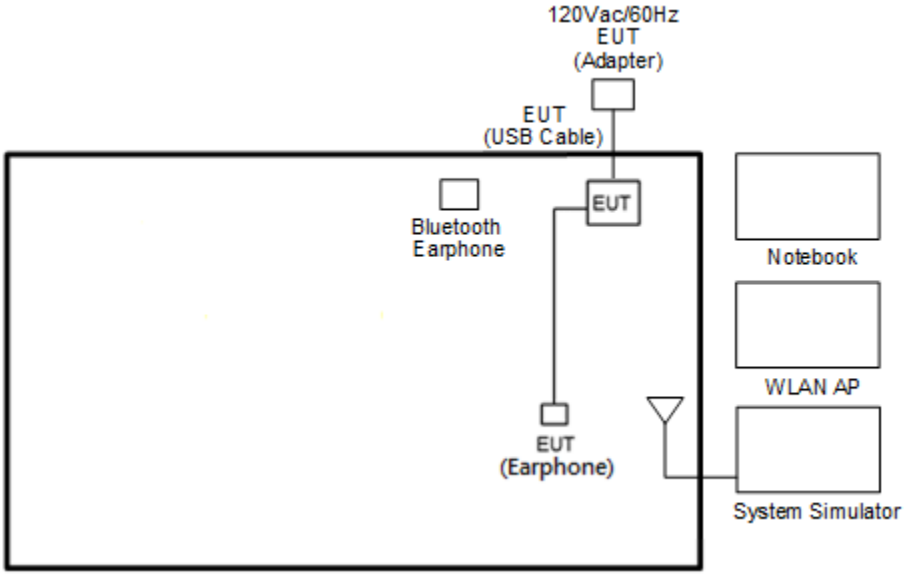
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY700A2029	N/A	N/A
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
4.	Notebook	DELL	P20G	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

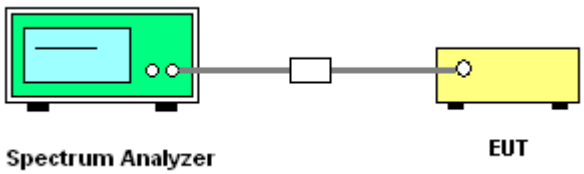
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

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

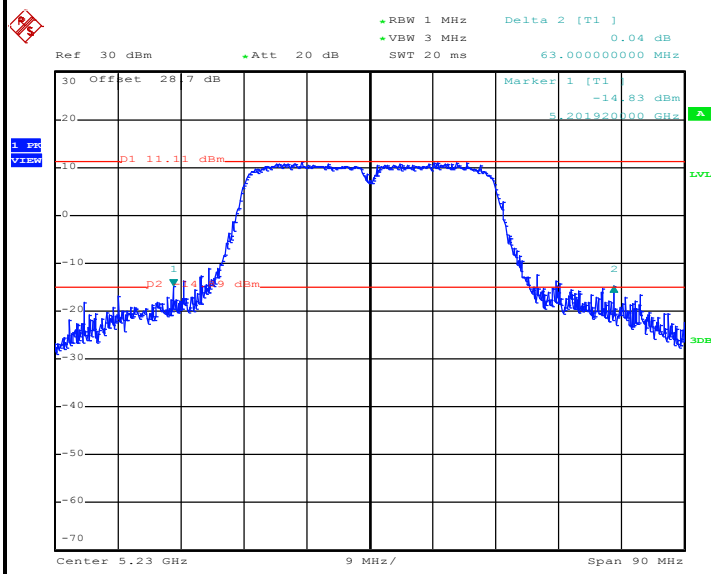
3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



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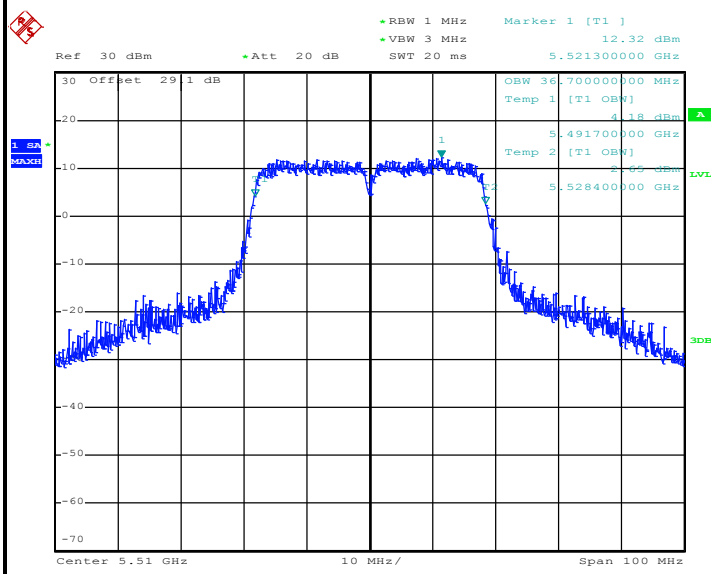
Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

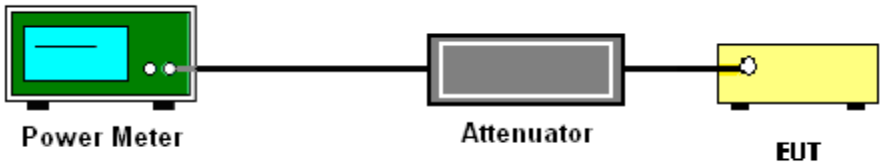
3.2.3 Test Procedures

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

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is the duty cycle.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

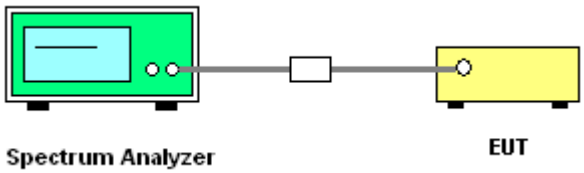
 # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

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

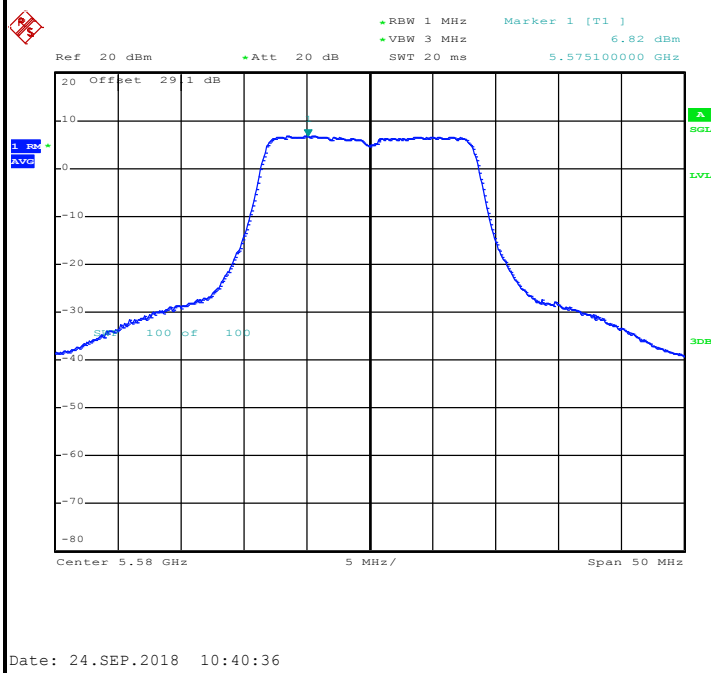
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

(i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits 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.[3]

(ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.[4]

Note 3: An out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.

Note 4: Only devices with antenna gains of 10 dBi or less may be approved using the emission limits specified in Section 15.247(d) till March 2, 2018; all other devices operating in this band must use the mask specified in Section 15.407(b)(4)(i).

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

   Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

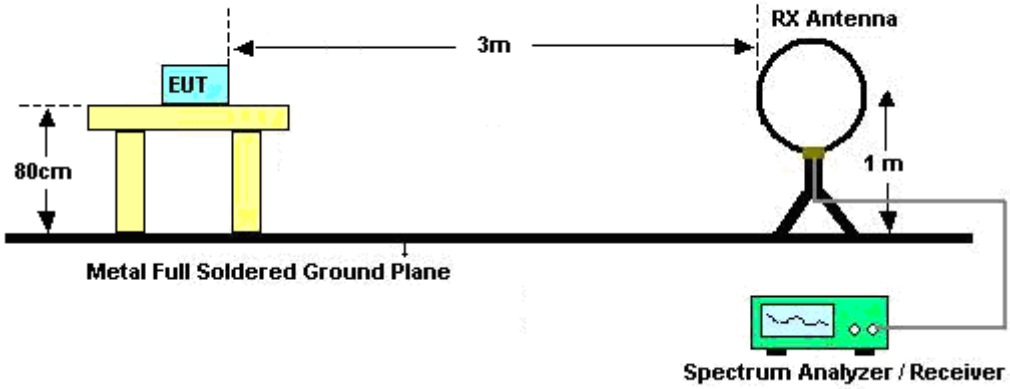
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

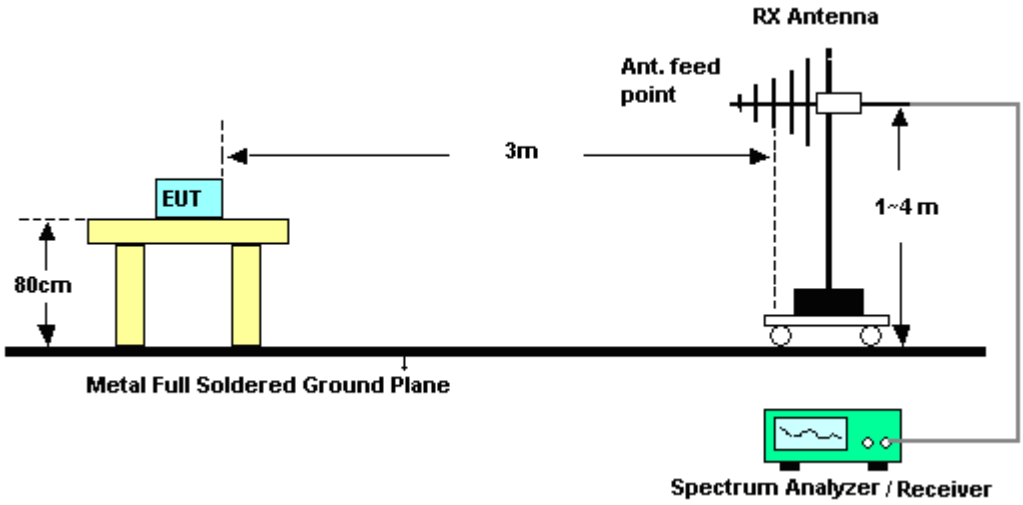
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

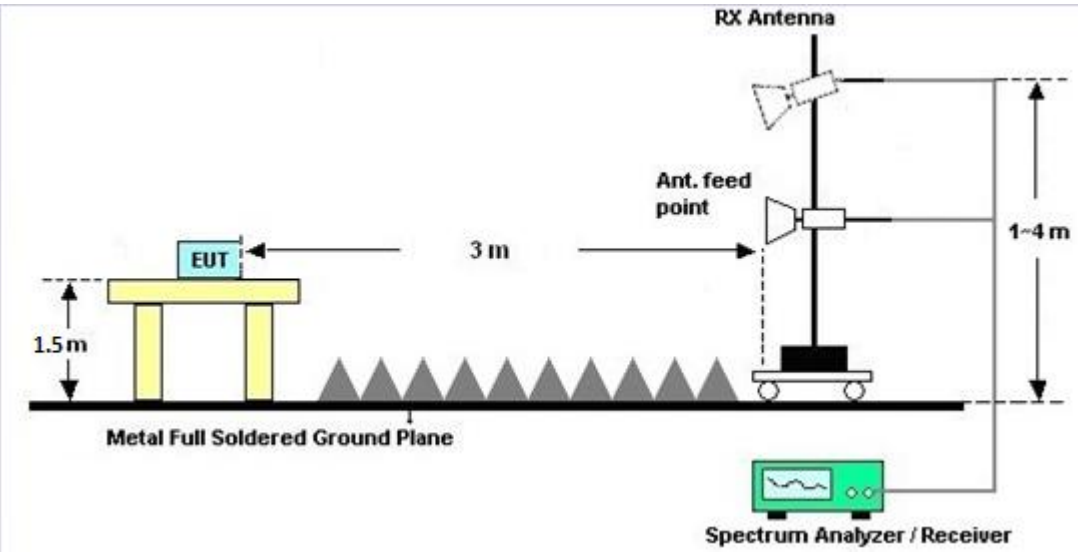
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

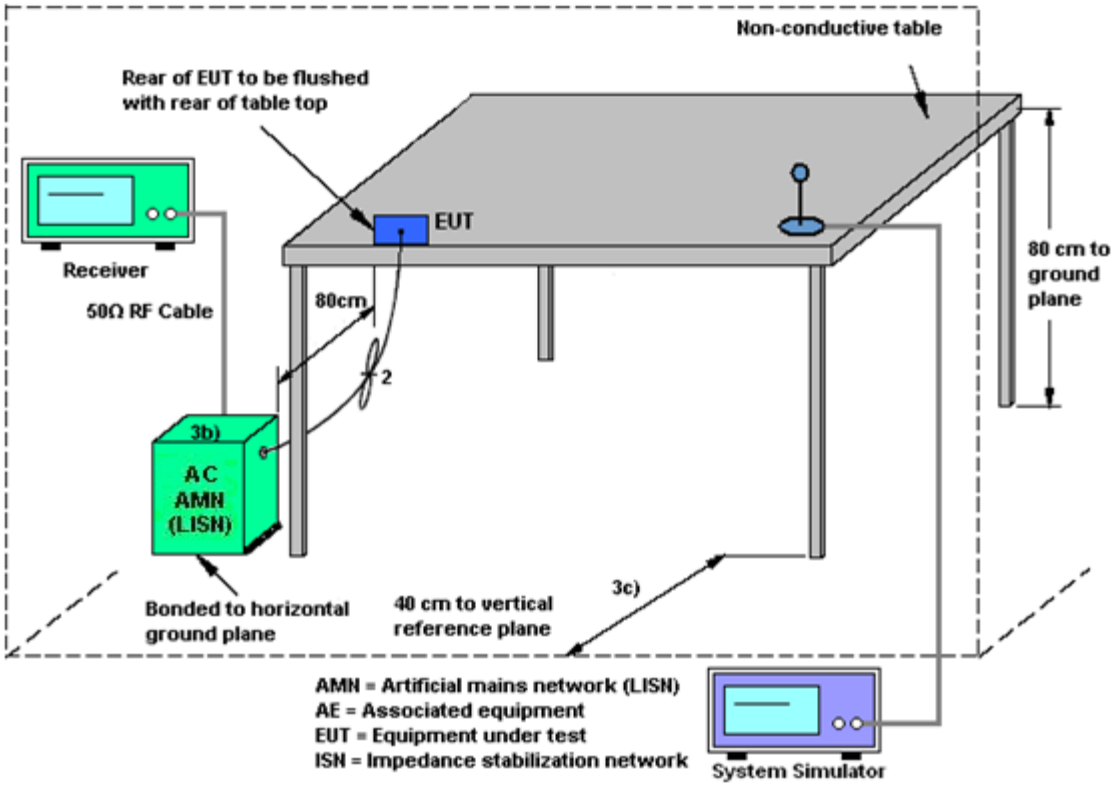
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	DTM-303A	TP157075	N/A	Mar. 06, 2018	Sep. 24, 2018~ Sep. 26, 2018	Mar. 05, 2019	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	1132003	N/A	Aug. 16, 2018	Sep. 24, 2018~ Sep. 26, 2018	Aug. 15, 2019	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1126017	300MHz~40GHz	Aug. 16, 2018	Sep. 24, 2018~ Sep. 26, 2018	Aug. 15, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2017	Sep. 24, 2018~ Sep. 26, 2018	Nov. 20, 2018	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 07, 2017	Sep. 24, 2018~ Sep. 26, 2018	Nov. 06, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Sep. 24, 2018~ Sep. 26, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Sep. 24, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Dec. 08, 2017	Sep. 24, 2018	Dec. 07, 2018	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 06, 2018	Sep. 24, 2018	Mar. 05, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Sep. 24, 2018	Nov. 29, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 24, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Sep. 24, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Sep. 24, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Sep. 21, 2018~ Sep. 25, 2018	Nov. 22, 2018	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	40103&07	30MHz to 1GHz	Jan. 10, 2018	Sep. 21, 2018~ Sep. 25, 2018	Jan. 09, 2019	Radiation (03CH13-HY)
Preamplifier	Jet-Power	JPA0118-55-303K	1710001800054002	1GHz~18GHz	Apr. 16, 2018	Sep. 21, 2018~ Sep. 25, 2018	Apr. 15, 2019	Radiation (03CH13-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY55420170	N/A	Mar. 06, 2018	Sep. 21, 2018~ Sep. 25, 2018	Mar. 05, 2019	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jun. 29, 2018	Sep. 21, 2018~ Sep. 25, 2018	Jun. 28, 2019	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303B	TP157151	N/A	May 19, 2018	Sep. 21, 2018~ Sep. 25, 2018	May 18, 2019	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Feb. 02, 2018	Sep. 21, 2018~ Sep. 25, 2018	Feb. 01, 2019	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 15, 2018	Sep. 21, 2018~ Sep. 25, 2018	Mar. 14, 2019	Radiation (03CH13-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 21, 2018~ Sep. 25, 2018	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Sep. 21, 2018~ Sep. 25, 2018	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Sep. 21, 2018~ Sep. 25, 2018	N/A	Radiation (03CH13-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Sep. 21, 2018~ Sep. 25, 2018	Jul. 15, 2019	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz- 40GHz	Nov. 10, 2017	Sep. 21, 2018~ Sep. 25, 2018	Nov. 09, 2018	Radiation (03CH13-HY)
Software	AUDIX	E3 6.2009-8-24c	RK-001124	N/A	N/A	Sep. 21, 2018~ Sep. 25, 2018	N/A	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Jan. 22, 2018	Sep. 21, 2018~ Sep. 25, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	335041/4	30M-18G	Jan. 22, 2018	Sep. 21, 2018~ Sep. 25, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30M~18GHz	Jan. 22, 2018	Sep. 21, 2018~ Sep. 25, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 17, 2017	Sep. 21, 2018~ Sep. 25, 2018	Oct. 16, 2018	Radiation (03CH13-HY)
Filter	Wainwright	WLKS1200-8SS	SN3	1.2G Low Pass	Nov. 21, 2017	Sep. 21, 2018~ Sep. 25, 2018	Nov. 20, 2018	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN477220	3G High Pass	Nov. 21, 2017	Sep. 21, 2018~ Sep. 25, 2018	Nov. 20, 2018	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-1080-1200-15000-60ST	SN3	1.2 GHz High pass	Jul. 05, 2018	Sep. 21, 2018~ Sep. 25, 2018	Jul. 04, 2019	Radiation (03CH13-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.20**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.90**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.40**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.30**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	EasonHuang / Kai Liao	Temperature:	21~25	°C
Test Date:	2018/09/24 ~ 2018/09/26	Relative Humidity:	51~54	%

Report Number : FR890804D

TEST RESULTS DATA
26dB and 99% OBW

Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	17.20	-	38.50	-	-		22.36	-		
11a	6Mbps	1	44	5220	17.20	-	40.70	-	-		22.36	-		
11a	6Mbps	1	48	5240	17.10	-	33.80	-	-		22.33	-		
HT20	MCS0	1	36	5180	18.25	-	36.80	-	-		22.61	-		
HT20	MCS0	1	44	5220	18.20	-	38.46	-	-		22.60	-		
HT20	MCS0	1	48	5240	18.10	-	32.80	-	-		22.58	-		
HT40	MCS0	1	38	5190	36.60	-	45.00	-	-		23.01	-		
HT40	MCS0	1	46	5230	36.50	-	63.00	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.31	-	18.87	-		24.00	-	0.00	-		Pass
11a	6Mbps	1	44	5220	0.31	-	18.94	-		24.00	-	0.00	-		Pass
11a	6Mbps	1	48	5240	0.31	-	18.60	-		24.00	-	0.00	-		Pass
HT20	MCS0	1	36	5180	0.33	-	18.74	-		24.00	-	0.00	-		Pass
HT20	MCS0	1	44	5220	0.33	-	18.97	-		24.00	-	0.00	-		Pass
HT20	MCS0	1	48	5240	0.33	-	18.60	-		24.00	-	0.00	-		Pass
HT40	MCS0	1	38	5190	0.33	-	14.90	-		24.00	-	0.00	-		Pass
HT40	MCS0	1	46	5230	0.33	-	17.62	-		24.00	-	0.00	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.31	-	6.48	-		11.00	-	0.00	-		Pass
11a	6Mbps	1	44	5220	0.31	-	6.92	-		11.00	-	0.00	-		Pass
11a	6Mbps	1	48	5240	0.31	-	6.44	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	36	5180	0.33	-	6.23	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	44	5220	0.33	-	6.80	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	48	5240	0.33	-	6.42	-		11.00	-	0.00	-		Pass
HT40	MCS0	1	38	5190	0.33	-	0.74	-		11.00	-	0.00	-		Pass
HT40	MCS0	1	46	5230	0.33	-	2.14	-		11.00	-	0.00	-		Pass

Report Number : FR890804D

TEST RESULTS DATA
26dB and 99% OBW

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	17.10	-	38.10	-	23.33	-	29.33	-	23.98	-	
11a	6Mbps	1	60	5300	17.10	-	37.00	-	23.33	-	29.33	-	23.98	-	
11a	6Mbps	1	64	5320	17.00	-	37.90	-	23.30	-	29.30	-	23.98	-	
HT20	MCS0	1	52	5260	18.15	-	35.10	-	23.59	-	29.59	-	23.98	-	
HT20	MCS0	1	60	5300	18.25	-	40.60	-	23.61	-	29.61	-	23.98	-	
HT20	MCS0	1	64	5320	18.15	-	42.25	-	23.59	-	29.59	-	23.98	-	
HT40	MCS0	1	54	5270	36.50	-	50.22	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.70	-	54.90	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.31	-	18.89	-		23.98	-	0.00	-	26.99	Pass
11a	6Mbps	1	60	5300	0.31	-	18.97	-		23.98	-	0.00	-	26.99	Pass
11a	6Mbps	1	64	5320	0.31	-	18.93	-		23.98	-	0.00	-	26.99	Pass
HT20	MCS0	1	52	5260	0.33	-	18.80	-		23.98	-	0.00	-	26.99	Pass
HT20	MCS0	1	60	5300	0.33	-	18.90	-		23.98	-	0.00	-	26.99	Pass
HT20	MCS0	1	64	5320	0.33	-	18.76	-		23.98	-	0.00	-	26.99	Pass
HT40	MCS0	1	54	5270	0.33	-	17.83	-		23.98	-	0.00	-	26.99	Pass
HT40	MCS0	1	62	5310	0.33	-	16.00	-		23.98	-	0.00	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.31	-	6.66	-		11.00	-	0.00	-		Pass
11a	6Mbps	1	60	5300	0.31	-	6.82	-		11.00	-	0.00	-		Pass
11a	6Mbps	1	64	5320	0.31	-	6.85	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	52	5260	0.33	-	6.55	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	60	5300	0.33	-	6.50	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	64	5320	0.33	-	6.51	-		11.00	-	0.00	-		Pass
HT40	MCS0	1	54	5270	0.33	-	2.51	-		11.00	-	0.00	-		Pass
HT40	MCS0	1	62	5310	0.33	-	1.64	-		11.00	-	0.00	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	17.10	-	29.05	-	23.33	-	29.33	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.15	-	32.80	-	23.34	-	29.34	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.05	-	36.50	-	23.32	-	29.32	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.15	-	39.25	-	23.59	-	29.59	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.10	-	37.20	-	23.58	-	29.58	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.15	-	27.40	-	23.59	-	29.59	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.70	-	54.13	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	36.60	-	50.06	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	36.70	-	54.54	-	23.98	-	30.00	-	23.98	-	----	----

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.31	-	18.67	-		23.98	-	0.00	-	26.99	Pass
11a	6Mbps	1	116	5580	0.31	-	18.98	-		23.98	-	0.00	-	26.99	Pass
11a	6Mbps	1	140	5700	0.31	-	18.17	-		23.98	-	0.00	-	26.99	Pass
HT20	MCS0	1	100	5500	0.33	-	18.95	-		23.98	-	0.00	-	26.99	Pass
HT20	MCS0	1	116	5580	0.33	-	18.93	-		23.98	-	0.00	-	26.99	Pass
HT20	MCS0	1	140	5700	0.33	-	16.52	-		23.98	-	0.00	-	26.99	Pass
HT40	MCS0	1	102	5510	0.33	-	16.89	-		23.98	-	0.00	-	26.99	Pass
HT40	MCS0	1	110	5550	0.33	-	17.98	-		23.98	-	0.00	-	26.99	Pass
HT40	MCS0	1	134	5670	0.33	-	17.74	-		23.98	-	0.00	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.31	-	6.75	-		11.00	-	0.00	-		Pass
11a	6Mbps	1	116	5580	0.31	-	7.13	-		11.00	-	0.00	-		Pass
11a	6Mbps	1	140	5700	0.31	-	6.32	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	100	5500	0.33	-	7.08	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	116	5580	0.33	-	6.83	-		11.00	-	0.00	-		Pass
HT20	MCS0	1	140	5700	0.33	-	4.71	-		11.00	-	0.00	-		Pass
HT40	MCS0	1	102	5510	0.33	-	2.55	-		11.00	-	0.00	-		Pass
HT40	MCS0	1	110	5550	0.33	-	2.99	-		11.00	-	0.00	-		Pass
HT40	MCS0	1	134	5670	0.33	-	2.10	-		11.00	-	0.00	-		Pass

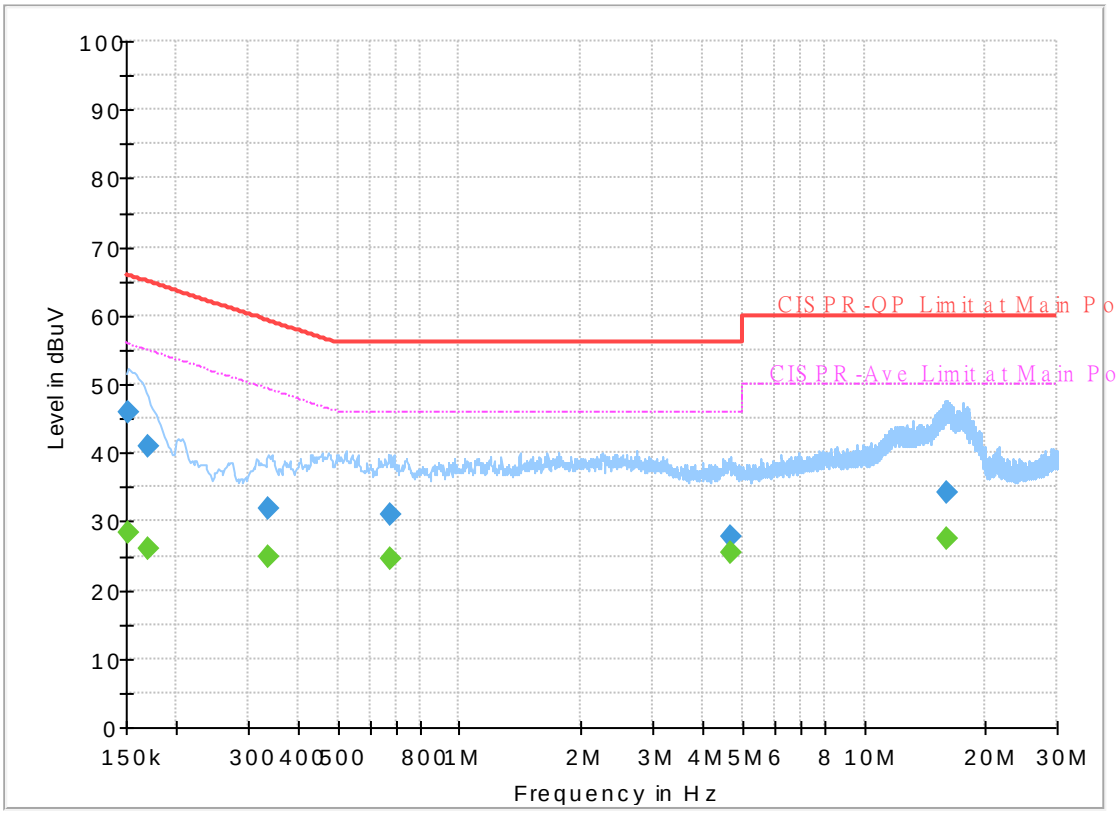
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Rick Lin	**Temperature :**	22~23℃
		Relative Humidity :	48~49%

EUT Information

Report NO :	890804
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



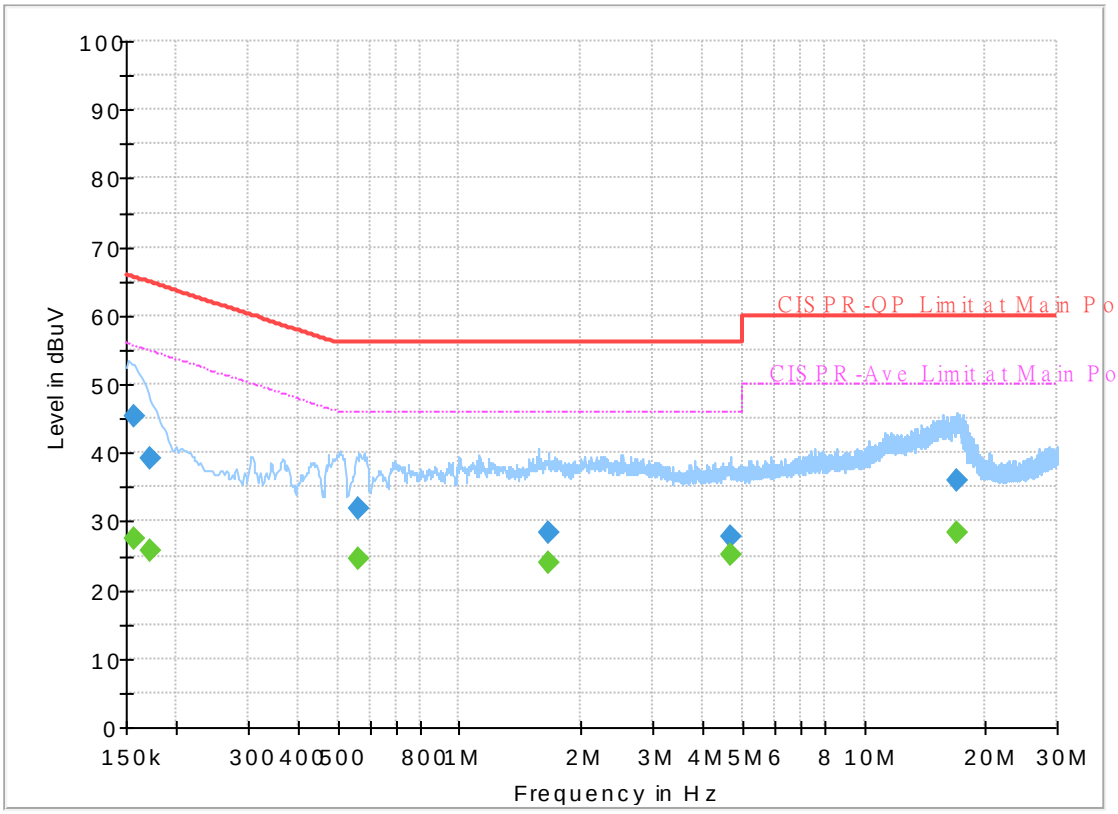
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.28	55.88	27.60	L1	OFF	19.5
0.152250	45.77	---	65.88	20.11	L1	OFF	19.5
0.170250	---	26.06	54.95	28.89	L1	OFF	19.5
0.170250	40.81	---	64.95	24.14	L1	OFF	19.5
0.336750	---	24.96	49.28	24.32	L1	OFF	19.5
0.336750	31.95	---	59.28	27.33	L1	OFF	19.5
0.672000	---	24.67	46.00	21.33	L1	OFF	19.6
0.672000	31.04	---	56.00	24.96	L1	OFF	19.6
4.668000	---	25.44	46.00	20.56	L1	OFF	19.7
4.668000	27.71	---	56.00	28.29	L1	OFF	19.7
16.104750	---	27.40	50.00	22.60	L1	OFF	20.1
16.104750	34.17	---	60.00	25.83	L1	OFF	20.1

EUT Information

Report NO :	890804
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)
0.156750	---	27.54	55.63	28.09	N	OFF	19.5
0.156750	45.39	---	65.63	20.24	N	OFF	19.5
0.172500	---	25.68	54.84	29.16	N	OFF	19.5
0.172500	39.16	---	64.84	25.68	N	OFF	19.5
0.564000	---	24.68	46.00	21.32	N	OFF	19.5
0.564000	31.91	---	56.00	24.09	N	OFF	19.5
1.655250	---	23.99	46.00	22.01	N	OFF	19.6
1.655250	28.42	---	56.00	27.58	N	OFF	19.6
4.695000	---	25.07	46.00	20.93	N	OFF	19.7
4.695000	27.66	---	56.00	28.34	N	OFF	19.7
16.910250	---	28.43	50.00	21.57	N	OFF	20.2
16.910250	35.95	---	60.00	24.05	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Alex Jheng , Fu Chen , Wilson Wu	Temperature :	24.5~25.2°C
		Relative Humidity :	47~51%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5146.12	63.47	-10.53	74	53.16	31.69	8.17	29.55	210	69	P	H
		5149.5	50.73	-3.27	54	40.42	31.69	8.17	29.55	210	69	A	H
	*	5180	109.96	-	-	99.58	31.71	8.22	29.55	210	69	P	H
	*	5180	102.64	-	-	92.26	31.71	8.22	29.55	210	69	A	H
													H
													H
		5148.72	63.05	-10.95	74	52.74	31.69	8.17	29.55	190	9	P	V
		5150	46.71	-7.29	54	36.4	31.69	8.17	29.55	190	9	A	V
	*	5180	105.51	-	-	95.13	31.71	8.22	29.55	190	9	P	V
	*	5180	98.17	-	-	87.79	31.71	8.22	29.55	190	9	A	V
													V
													V
802.11a CH 44 5220MHz		5026.78	53	-21	74	42.9	31.62	8.01	29.53	204	70	P	H
		5025.74	42.46	-11.54	54	32.36	31.62	8.01	29.53	204	70	A	H
	*	5220	111.13	-	-	100.71	31.73	8.25	29.56	204	70	P	H
	*	5220	103.46	-	-	93.04	31.73	8.25	29.56	204	70	A	H
		5421.92	52.24	-21.76	74	41.61	31.85	8.36	29.58	204	70	P	H
		5456.08	41.6	-12.4	54	30.86	31.87	8.46	29.59	204	70	A	H
		5042.38	52.41	-21.59	74	42.28	31.63	8.04	29.54	199	9	P	V
		5047.58	42.24	-11.76	54	32.11	31.63	8.04	29.54	199	9	A	V
	*	5220	105.9	-	-	95.48	31.73	8.25	29.56	199	9	P	V
	*	5220	98.37	-	-	87.95	31.73	8.25	29.56	199	9	A	V
		5407.08	51.36	-22.64	74	40.79	31.84	8.31	29.58	199	9	P	V
		5460	41.6	-12.4	54	30.86	31.87	8.46	29.59	199	9	A	V

802.11a CH 48 5240MHz		5106.86	52.07	-21.93	74	41.81	31.67	8.13	29.54	205	70	P	H
		5049.4	42.54	-11.46	54	32.41	31.63	8.04	29.54	205	70	A	H
	*	5240	111.4	-	-	100.97	31.74	8.25	29.56	205	70	P	H
	*	5240	103.41	-	-	92.98	31.74	8.25	29.56	205	70	A	H
		5431.72	51.38	-22.62	74	40.69	31.86	8.41	29.58	205	70	P	H
		5430.32	41.54	-12.46	54	30.85	31.86	8.41	29.58	205	70	A	H
		5109.46	51.95	-22.05	74	41.69	31.67	8.13	29.54	209	12	P	V
		5024.96	42.38	-11.62	54	32.28	31.62	8.01	29.53	209	12	A	V
	*	5240	106.75	-	-	96.32	31.74	8.25	29.56	209	12	P	V
	*	5240	98.92	-	-	88.49	31.74	8.25	29.56	209	12	A	V
		5459.44	52.11	-21.89	74	41.37	31.87	8.46	29.59	209	12	P	V
		5457.2	41.52	-12.48	54	30.78	31.87	8.46	29.59	209	12	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	45.74	-22.46	68.2	53.65	39.76	12.34	60.01	100	0	P	H
		15540	45.16	-28.84	74	49.98	38.62	14.61	58.05	100	0	P	H
													H
													H
		10360	45.52	-22.68	68.2	53.43	39.76	12.34	60.01	100	0	P	V
		15540	44.17	-29.83	74	48.99	38.62	14.61	58.05	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.75	-21.45	68.2	54.66	39.88	12.36	60.15	100	0	P	H
		15660	44.44	-29.56	74	49.32	38.33	14.67	57.88	100	0	P	H
													H
													H
		10440	46.95	-21.25	68.2	54.86	39.88	12.36	60.15	100	0	P	V
		15660	44.2	-29.8	74	49.08	38.33	14.67	57.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.27	-21.93	68.2	54.18	39.97	12.38	60.26	100	0	P	H
		15720	45.18	-28.82	74	50.13	38.16	14.68	57.79	100	0	P	H
													H
													H
		10480	46.86	-21.34	68.2	54.77	39.97	12.38	60.26	100	0	P	V
		15720	43.63	-30.37	74	48.58	38.16	14.68	57.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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)
		5146.64	62.62	-11.38	74	52.31	31.69	8.17	29.55	204	70	P	H
		5150	49.8	-4.2	54	39.49	31.69	8.17	29.55	204	70	A	H
	*	5180	109.48	-	-	99.1	31.71	8.22	29.55	204	70	P	H
	*	5180	101.7	-	-	91.32	31.71	8.22	29.55	204	70	A	H
802.11n													H
HT20													H
CH 36		5149.24	56.7	-17.3	74	46.39	31.69	8.17	29.55	202	22	P	V
5180MHz		5149.76	46.47	-7.53	54	36.16	31.69	8.17	29.55	202	22	A	V
	*	5180	104.41	-	-	94.03	31.71	8.22	29.55	202	22	P	V
	*	5180	97.1	-	-	86.72	31.71	8.22	29.55	202	22	A	V
													V
													V
		5088.14	52.82	-21.18	74	42.63	31.65	8.08	29.54	201	70	P	H
		5083.46	42.68	-11.32	54	32.49	31.65	8.08	29.54	201	70	A	H
	*	5220	110.83	-	-	100.41	31.73	8.25	29.56	201	70	P	H
	*	5220	102.6	-	-	92.18	31.73	8.25	29.56	201	70	A	H
802.11n		5456.36	50.65	-23.35	74	39.91	31.87	8.46	29.59	201	70	P	H
HT20		5451.88	41.67	-12.33	54	30.93	31.87	8.46	29.59	201	70	A	H
CH 44		5102.7	52.49	-21.51	74	42.27	31.66	8.1	29.54	175	22	P	V
5220MHz		5087.62	42.51	-11.49	54	32.32	31.65	8.08	29.54	175	22	A	V
	*	5220	106.06	-	-	95.64	31.73	8.25	29.56	175	22	P	V
	*	5220	98.85	-	-	88.43	31.73	8.25	29.56	175	22	A	V
		5426.12	49.19	-24.81	74	38.56	31.85	8.36	29.58	175	22	P	V
		5457.76	41.56	-12.44	54	30.82	31.87	8.46	29.59	175	22	A	V

		5119.34	53.01	-20.99	74	42.76	31.67	8.13	29.55	208	70	P	H
		5052.26	42.76	-11.24	54	32.63	31.63	8.04	29.54	208	70	A	H
	*	5240	110.31	-	-	99.88	31.74	8.25	29.56	208	70	P	H
	*	5240	102.85	-	-	92.42	31.74	8.25	29.56	208	70	A	H
802.11n		5451.32	51.38	-22.62	74	40.64	31.87	8.46	29.59	208	70	P	H
HT20		5456.92	41.55	-12.45	54	30.81	31.87	8.46	29.59	208	70	A	H
CH 48		5078.26	51.98	-22.02	74	41.79	31.65	8.08	29.54	152	20	P	V
5240MHz		5046.28	42.69	-11.31	54	32.56	31.63	8.04	29.54	152	20	A	V
	*	5240	106.15	-	-	95.72	31.74	8.25	29.56	152	20	P	V
	*	5240	98.8	-	-	88.37	31.74	8.25	29.56	152	20	A	V
		5442.08	50.73	-23.27	74	40.04	31.86	8.41	29.58	152	20	P	V
		5453	41.54	-12.46	54	30.8	31.87	8.46	29.59	152	20	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10360	45.81	-22.39	68.2	53.72	39.76	12.34	60.01	100	0	P	H
		15540	46.08	-27.92	74	50.9	38.62	14.61	58.05	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	46.14	-22.06	68.2	54.05	39.76	12.34	60.01	100	0	P	V
5180MHz		15540	45.5	-28.5	74	50.32	38.62	14.61	58.05	100	0	P	V
													V
													V
		10440	46.73	-21.47	68.2	54.64	39.88	12.36	60.15	100	0	P	H
		15660	44.79	-29.21	74	49.67	38.33	14.67	57.88	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	46.21	-21.99	68.2	54.12	39.88	12.36	60.15	100	0	P	V
5220MHz		15660	44.6	-29.4	74	49.48	38.33	14.67	57.88	100	0	P	V
													V
													V
		10480	46.64	-21.56	68.2	54.55	39.97	12.38	60.26	100	0	P	H
		15720	44.49	-29.51	74	49.44	38.16	14.68	57.79	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	46.55	-21.65	68.2	54.46	39.97	12.38	60.26	100	0	P	V
5240MHz		15720	43.64	-30.36	74	48.59	38.16	14.68	57.79	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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		5149.24	56.99	-17.01	74	46.68	31.69	8.17	29.55	203	69	P	H
		5149.76	50.76	-3.24	54	40.45	31.69	8.17	29.55	203	69	A	H
	*	5190	102.41	-	-	92.03	31.71	8.22	29.55	203	69	P	H
	*	5190	95.47	-	-	85.09	31.71	8.22	29.55	203	69	A	H
		5458.04	49.62	-24.38	74	38.88	31.87	8.46	29.59	203	69	P	H
		5457.76	42.2	-11.8	54	31.46	31.87	8.46	29.59	203	69	A	H
		5146.9	55.17	-18.83	74	44.86	31.69	8.17	29.55	168	22	P	V
		5146.9	45.89	-8.11	54	35.58	31.69	8.17	29.55	168	22	A	V
	*	5190	97.37	-	-	86.99	31.71	8.22	29.55	168	22	P	V
	*	5190	90.82	-	-	80.44	31.71	8.22	29.55	168	22	A	V
		5445.72	50.74	-23.26	74	40.04	31.87	8.41	29.58	168	22	P	V
		5458.88	42.21	-11.79	54	31.47	31.87	8.46	29.59	168	22	A	V
802.11n HT40 CH 46 5230MHz		5148.72	55.41	-18.59	74	45.1	31.69	8.17	29.55	206	70	P	H
		5150	45.1	-8.9	54	34.79	31.69	8.17	29.55	206	70	A	H
	*	5230	106.51	-	-	96.08	31.74	8.25	29.56	206	70	P	H
	*	5230	99.69	-	-	89.26	31.74	8.25	29.56	206	70	A	H
		5416.88	50.06	-23.94	74	39.43	31.85	8.36	29.58	206	70	P	H
		5459.44	42.18	-11.82	54	31.44	31.87	8.46	29.59	206	70	A	H
		5146.38	51.09	-22.91	74	40.78	31.69	8.17	29.55	136	20	P	V
		5148.46	43.71	-10.29	54	33.4	31.69	8.17	29.55	136	20	A	V
	*	5230	102.42	-	-	91.99	31.74	8.25	29.56	136	20	P	V
	*	5230	95.68	-	-	85.25	31.74	8.25	29.56	136	20	A	V
		5450.76	51.7	-22.3	74	40.96	31.87	8.46	29.59	136	20	P	V
		5444.88	41.97	-12.03	54	31.28	31.86	8.41	29.58	136	20	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10380	46.56	-21.64	68.2	54.47	39.79	12.34	60.04	100	0	P	H
		15570	44.47	-29.53	74	49.32	38.53	14.62	58	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	46.11	-22.09	68.2	54.02	39.79	12.34	60.04	100	0	P	V
5190MHz		15570	44.13	-29.87	74	48.98	38.53	14.62	58	100	0	P	V
													V
													V
		10460	46.06	-22.14	68.2	53.97	39.91	12.37	60.19	100	0	P	H
		15690	42.94	-31.06	74	47.86	38.24	14.67	57.83	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	45.88	-22.32	68.2	53.79	39.91	12.37	60.19	100	0	P	V
5230MHz		15690	43.13	-30.87	74	48.05	38.24	14.67	57.83	100	0	P	V
													V
													V

Remark

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

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5117.64	52.38	-21.62	74	42.12	31.67	8.13	29.54	207	70	P	H
		5066.3	42.75	-11.25	54	32.59	31.64	8.06	29.54	207	70	A	H
	*	5260	110.6	-	-	100.14	31.76	8.26	29.56	207	70	P	H
	*	5260	103.36	-	-	92.9	31.76	8.26	29.56	207	70	A	H
		5441.28	50.54	-23.46	74	39.85	31.86	8.41	29.58	207	70	P	H
		5448	41.72	-12.28	54	30.97	31.87	8.46	29.58	207	70	A	H
		5032.98	51.91	-22.09	74	41.81	31.62	8.01	29.53	182	22	P	V
		5046.58	42.5	-11.5	54	32.37	31.63	8.04	29.54	182	22	A	V
	*	5260	105.84	-	-	95.38	31.76	8.26	29.56	182	22	P	V
	*	5260	98.43	-	-	87.97	31.76	8.26	29.56	182	22	A	V
		5350.32	50.9	-23.1	74	40.37	31.81	8.29	29.57	182	22	P	V
		5453.04	41.51	-12.49	54	30.77	31.87	8.46	29.59	182	22	A	V
802.11a CH 60 5300MHz		5093.5	51.35	-22.65	74	41.13	31.66	8.1	29.54	208	69	P	H
		5102	42.71	-11.29	54	32.49	31.66	8.1	29.54	208	69	A	H
	*	5300	110.72	-	-	100.24	31.78	8.27	29.57	208	69	P	H
	*	5300	103.12	-	-	92.64	31.78	8.27	29.57	208	69	A	H
		5352.24	55.34	-18.66	74	44.81	31.81	8.29	29.57	208	69	P	H
		5352.24	48.44	-5.56	54	37.91	31.81	8.29	29.57	208	69	A	H
		5059.84	51.37	-22.63	74	41.21	31.64	8.06	29.54	147	21	P	V
		5128.86	42.4	-11.6	54	32.12	31.68	8.15	29.55	147	21	A	V
	*	5300	106.07	-	-	95.59	31.78	8.27	29.57	147	21	P	V
	*	5300	98.96	-	-	88.48	31.78	8.27	29.57	147	21	A	V
		5352.24	50.87	-23.13	74	40.34	31.81	8.29	29.57	147	21	P	V
		5352.24	44.49	-9.51	54	33.96	31.81	8.29	29.57	147	21	A	V

	*	5320	109.96	-	-	99.46	31.79	8.28	29.57	197	70	P	H
	*	5320	102.87	-	-	92.37	31.79	8.28	29.57	197	70	A	H
		5352.96	63.77	-10.23	74	53.24	31.81	8.29	29.57	197	70	P	H
		5350.08	50.77	-3.23	54	40.24	31.81	8.29	29.57	197	70	A	H
													H
802.11a													H
CH 64	*	5320	105.57	-	-	95.07	31.79	8.28	29.57	169	22	P	V
5320MHz	*	5320	98.52	-	-	88.02	31.79	8.28	29.57	169	22	A	V
		5350.08	60.41	-13.59	74	49.88	31.81	8.29	29.57	169	22	P	V
		5350.24	47.21	-6.79	54	36.68	31.81	8.29	29.57	169	22	A	V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10520	45.76	-22.44	68.2	53.69	40.02	12.39	60.34	100	0	P	H
		15780	44.58	-29.42	74	49.54	38.04	14.71	57.71	100	0	P	H
													H
													H
		10520	45.84	-22.36	68.2	53.77	40.02	12.39	60.34	100	0	P	V
		15780	44.65	-29.35	74	49.61	38.04	14.71	57.71	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	46.22	-27.78	74	54.26	40.1	12.41	60.55	100	0	P	H
		15900	42.22	-31.78	74	47.24	37.75	14.77	57.54	100	0	P	H
													H
													H
		10600	45.55	-28.45	74	53.59	40.1	12.41	60.55	100	0	P	V
		15900	42.95	-31.05	74	47.97	37.75	14.77	57.54	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	45.85	-28.15	74	53.93	40.14	12.41	60.63	100	0	P	H
		15960	40.97	-33.03	74	46.06	37.58	14.78	57.45	100	0	P	H
													H
													H
		10640	46.15	-27.85	74	54.23	40.14	12.41	60.63	100	0	P	V
		15960	41.72	-32.28	74	46.81	37.58	14.78	57.45	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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)
		5053.72	52.22	-21.78	74	42.07	31.63	8.06	29.54	201	68	P	H
		5072.76	42.53	-11.47	54	32.34	31.65	8.08	29.54	201	68	A	H
	*	5260	110.91	-	-	100.45	31.76	8.26	29.56	201	68	P	H
	*	5260	103.43	-	-	92.97	31.76	8.26	29.56	201	68	A	H
802.11n		5402.88	51.17	-22.83	74	40.6	31.84	8.31	29.58	201	68	P	H
HT20		5455.2	41.8	-12.2	54	31.06	31.87	8.46	29.59	201	68	A	H
CH 52		5074.12	51.72	-22.28	74	41.53	31.65	8.08	29.54	176	22	P	V
5260MHz		5125.46	42.51	-11.49	54	32.23	31.68	8.15	29.55	176	22	A	V
	*	5260	106.27	-	-	95.81	31.76	8.26	29.56	176	22	P	V
	*	5260	98.91	-	-	88.45	31.76	8.26	29.56	176	22	A	V
		5456.4	51.28	-22.72	74	40.54	31.87	8.46	29.59	176	22	P	V
		5454.24	41.81	-12.19	54	31.07	31.87	8.46	29.59	176	22	A	V
		5124.44	51.52	-22.48	74	41.26	31.68	8.13	29.55	202	69	P	H
		5073.44	42.38	-11.62	54	32.19	31.65	8.08	29.54	202	69	A	H
	*	5300	110.72	-	-	100.24	31.78	8.27	29.57	202	69	P	H
	*	5300	103.28	-	-	92.8	31.78	8.27	29.57	202	69	A	H
802.11n		5351.52	54.19	-19.81	74	43.66	31.81	8.29	29.57	202	69	P	H
HT20		5351.52	49.28	-4.72	54	38.75	31.81	8.29	29.57	202	69	A	H
CH 60		5040.8	52.28	-21.72	74	42.14	31.63	8.04	29.53	175	22	P	V
5300MHz		5032.3	42.37	-11.63	54	32.27	31.62	8.01	29.53	175	22	A	V
	*	5300	106.48	-	-	96	31.78	8.27	29.57	175	22	P	V
	*	5300	98.88	-	-	88.4	31.78	8.27	29.57	175	22	A	V
		5352.72	50.93	-23.07	74	40.4	31.81	8.29	29.57	175	22	P	V
		5351.76	44.88	-9.12	54	34.35	31.81	8.29	29.57	175	22	A	V

	*	5320	110.07	-	-	99.57	31.79	8.28	29.57	202	69	P	H
	*	5320	102.71	-	-	92.21	31.79	8.28	29.57	202	69	A	H
		5353.44	62.08	-11.92	74	51.55	31.81	8.29	29.57	202	69	P	H
		5350.4	50.12	-3.88	54	39.59	31.81	8.29	29.57	202	69	A	H
802.11n													H
HT20													H
CH 64	*	5320	105.75	-	-	95.25	31.79	8.28	29.57	183	23	P	V
5320MHz	*	5320	98.01	-	-	87.51	31.79	8.28	29.57	183	23	A	V
		5357.92	53.67	-20.33	74	43.14	31.81	8.29	29.57	183	23	P	V
		5350.56	46.12	-7.88	54	35.59	31.81	8.29	29.57	183	23	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10520	46.13	-22.07	68.2	54.06	40.02	12.39	60.34	100	0	P	H
		15780	42.98	-31.02	74	47.94	38.04	14.71	57.71	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	46.01	-22.19	68.2	53.94	40.02	12.39	60.34	100	0	P	V
5260MHz		15780	41.87	-32.13	74	46.83	38.04	14.71	57.71	100	0	P	V
													V
													V
		10600	46.02	-27.98	74	54.06	40.1	12.41	60.55	100	0	P	H
		15900	42.21	-31.79	74	47.23	37.75	14.77	57.54	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	45.54	-28.46	74	53.58	40.1	12.41	60.55	100	0	P	V
5300MHz		15900	41.45	-32.55	74	46.47	37.75	14.77	57.54	100	0	P	V
													V
													V
		10640	45.61	-28.39	74	53.69	40.14	12.41	60.63	100	0	P	H
		15960	42.34	-31.66	74	47.43	37.58	14.78	57.45	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	45.9	-28.1	74	53.98	40.14	12.41	60.63	100	0	P	V
5320MHz		15960	40.84	-33.16	74	45.93	37.58	14.78	57.45	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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		5035.7	52.33	-21.67	74	42.2	31.62	8.04	29.53	200	70	P	H
		5032.64	43.18	-10.82	54	33.08	31.62	8.01	29.53	200	70	A	H
	*	5270	107.1	-	-	96.63	31.76	8.27	29.56	200	70	P	H
	*	5270	99.7	-	-	89.23	31.76	8.27	29.56	200	70	A	H
		5356.08	52.38	-21.62	74	41.85	31.81	8.29	29.57	200	70	P	H
		5350.08	44.28	-9.72	54	33.75	31.81	8.29	29.57	200	70	A	H
		5019.38	51.68	-22.32	74	41.59	31.61	8.01	29.53	200	23	P	V
		5044.54	42.95	-11.05	54	32.82	31.63	8.04	29.54	200	23	A	V
	*	5270	102.99	-	-	92.52	31.76	8.27	29.56	200	23	P	V
	*	5270	95.21	-	-	84.74	31.76	8.27	29.56	200	23	A	V
		5446.08	50.63	-23.37	74	39.93	31.87	8.41	29.58	200	23	P	V
		5454.72	42.44	-11.56	54	31.7	31.87	8.46	29.59	200	23	A	V
802.11n HT40 CH 62 5310MHz		5005.78	51.98	-22.02	74	41.91	31.61	7.99	29.53	208	68	P	H
		5059.16	43.03	-10.97	54	32.87	31.64	8.06	29.54	208	68	A	H
	*	5310	104.56	-	-	94.06	31.79	8.28	29.57	208	68	P	H
	*	5310	96.4	-	-	85.9	31.79	8.28	29.57	208	68	A	H
		5353.92	60.42	-13.58	74	49.89	31.81	8.29	29.57	208	68	P	H
		5352	49.04	-4.96	54	38.51	31.81	8.29	29.57	208	68	A	H
		5107.1	51.08	-22.92	74	40.82	31.67	8.13	29.54	198	23	P	V
		5079.22	43.06	-10.94	54	32.87	31.65	8.08	29.54	198	23	A	V
	*	5310	98.83	-	-	88.33	31.79	8.28	29.57	198	23	P	V
	*	5310	91.29	-	-	80.79	31.79	8.28	29.57	198	23	A	V
		5350.8	53.41	-20.59	74	42.88	31.81	8.29	29.57	198	23	P	V
		5350.32	45.95	-8.05	54	35.42	31.81	8.29	29.57	198	23	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10540	46.27	-21.93	68.2	54.23	40.03	12.39	60.38	100	0	P	H
		15810	42.34	-31.66	74	47.32	37.96	14.73	57.67	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	46.46	-21.74	68.2	54.42	40.03	12.39	60.38	100	0	P	V
5270MHz		15810	41.79	-32.21	74	46.77	37.96	14.73	57.67	100	0	P	V
													V
													V
		10620	46.19	-27.81	74	54.25	40.12	12.41	60.59	100	0	P	H
		15930	41.33	-32.67	74	46.38	37.67	14.78	57.5	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	46.41	-27.59	74	54.47	40.12	12.41	60.59	100	0	P	V
5310MHz		15930	41.51	-32.49	74	46.56	37.67	14.78	57.5	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5454	58.57	-15.43	74	47.83	31.87	8.46	29.59	209	67	P	H
		5469.84	64.3	-3.9	68.2	53.5	31.88	8.51	29.59	209	67	P	H
		5447.92	48.35	-5.65	54	37.65	31.87	8.41	29.58	209	67	A	H
	*	5500	110.19	-	-	99.32	31.9	8.56	29.59	209	67	P	H
	*	5500	102.15	-	-	91.28	31.9	8.56	29.59	209	67	A	H
													H
		5447.12	52.75	-21.25	74	42.05	31.87	8.41	29.58	283	111	P	V
		5469.36	57.05	-11.15	68.2	46.25	31.88	8.51	29.59	283	111	P	V
		5447.92	44.21	-9.79	54	33.51	31.87	8.41	29.58	283	111	A	V
	*	5500	103.8	-	-	92.93	31.9	8.56	29.59	283	111	P	V
	*	5500	96.17	-	-	85.3	31.9	8.56	29.59	283	111	A	V
													V
802.11a CH 116 5580MHz		5418.64	52.12	-21.88	74	41.49	31.85	8.36	29.58	212	68	P	H
		5468.56	52.7	-15.5	68.2	41.9	31.88	8.51	29.59	212	68	P	H
		5452	41.59	-12.41	54	30.85	31.87	8.46	29.59	212	68	A	H
	*	5580	111.18	-	-	100.01	32	8.8	29.63	212	68	P	H
	*	5580	103.64	-	-	92.47	32	8.8	29.63	212	68	A	H
		5731.61	49.96	-18.24	68.2	38.62	32.21	8.82	29.69	212	68	P	H
		5456.32	53.34	-20.66	74	42.6	31.87	8.46	29.59	276	109	P	V
		5465.92	51.93	-16.27	68.2	41.18	31.88	8.46	29.59	276	109	P	V
		5454.64	41.56	-12.44	54	30.82	31.87	8.46	29.59	276	109	A	V
	*	5580	105.22	-	-	94.05	32	8.8	29.63	276	109	P	V
	*	5580	97.79	-	-	86.62	32	8.8	29.63	276	109	A	V
		5742.95	51.41	-16.79	68.2	40.05	32.24	8.81	29.69	276	109	P	V

802.11a CH 140 5700MHz	*	5700	108.99	-	-	97.67	32.17	8.82	29.67	221	66	P	H
	*	5700	101.46	-	-	90.14	32.17	8.82	29.67	221	66	A	H
		5727	64.7	-3.5	68.2	53.35	32.21	8.82	29.68	221	66	P	H
													H
													H
													H
	*	5700	103.44	-	-	92.12	32.17	8.82	29.67	303	89	P	V
	*	5700	96.31	-	-	84.99	32.17	8.82	29.67	303	89	A	V
		5726.2	59.92	-8.28	68.2	48.57	32.21	8.82	29.68	303	89	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	45.52	-28.48	74	54.01	40.5	12.51	61.5	100	0	P	H
		16500	42.36	-25.84	68.2	45.34	39.4	14.92	57.3	100	0	P	H
													H
													H
		11000	46.22	-27.78	74	54.71	40.5	12.51	61.5	100	0	P	V
		16500	42.52	-25.68	68.2	45.5	39.4	14.92	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	45.31	-28.69	74	53.95	40.3	12.59	61.53	100	0	P	H
		16740	41.78	-26.42	68.2	43.95	39.69	14.96	56.82	100	0	P	H
													H
													H
		11160	45.21	-28.79	74	53.85	40.3	12.59	61.53	100	0	P	V
		16740	41.83	-26.37	68.2	44	39.69	14.96	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	46.17	-27.83	74	55.01	40.02	12.72	61.58	100	0	P	H
		17100	44.1	-24.1	68.2	44.76	40.36	15.06	56.08	100	0	P	H
													H
													H
		11400	45.79	-28.21	74	54.63	40.02	12.72	61.58	100	0	P	V
		17100	44.2	-24	68.2	44.86	40.36	15.06	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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)
		5459.76	60.73	-13.27	74	49.99	31.87	8.46	29.59	215	75	P	H
		5469.68	64.96	-3.24	68.2	54.16	31.88	8.51	29.59	215	75	P	H
		5448.4	49.4	-4.6	54	38.65	31.87	8.46	29.58	215	75	A	H
	*	5500	109.75	-	-	98.88	31.9	8.56	29.59	215	75	P	H
802.11n	*	5500	102.39	-	-	91.52	31.9	8.56	29.59	215	75	A	H
HT20													H
CH 100		5459.76	54.36	-19.64	74	43.62	31.87	8.46	29.59	295	100	P	V
5500MHz		5470	58.32	-9.88	68.2	47.52	31.88	8.51	29.59	295	100	P	V
		5448.4	44.6	-9.4	54	33.85	31.87	8.46	29.58	295	100	A	V
	*	5500	103.96	-	-	93.09	31.9	8.56	29.59	295	100	P	V
	*	5500	96.36	-	-	85.49	31.9	8.56	29.59	295	100	A	V
													V
		5458.72	51.49	-22.51	74	40.75	31.87	8.46	29.59	216	77	P	H
		5470	51.19	-17.01	68.2	40.39	31.88	8.51	29.59	216	77	P	H
		5458.96	41.87	-12.13	54	31.13	31.87	8.46	29.59	216	77	A	H
	*	5580	111.11	-	-	99.94	32	8.8	29.63	216	77	P	H
802.11n	*	5580	103.53	-	-	92.36	32	8.8	29.63	216	77	A	H
HT20		5758.7	52.68	-15.52	68.2	41.32	32.26	8.81	29.71	216	77	P	H
CH 116		5444.32	50.76	-23.24	74	40.07	31.86	8.41	29.58	300	100	P	V
5580MHz		5462.56	50.36	-17.84	68.2	39.61	31.88	8.46	29.59	300	100	P	V
		5447.44	41.49	-12.51	54	30.79	31.87	8.41	29.58	300	100	A	V
	*	5580	105.8	-	-	94.63	32	8.8	29.63	300	100	P	V
	*	5580	98.03	-	-	86.86	32	8.8	29.63	300	100	A	V
		5740.115	51.44	-16.76	68.2	40.08	32.24	8.81	29.69	300	100	P	V

	*	5700	107.73	-	-	96.41	32.17	8.82	29.67	214	75	P	H
	*	5700	100.83	-	-	89.51	32.17	8.82	29.67	214	75	A	H
		5725.32	64.95	-3.25	68.2	53.6	32.21	8.82	29.68	214	75	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	101.75	-	-	90.43	32.17	8.82	29.67	305	88	P	V
5700MHz	*	5700	94.59	-	-	83.27	32.17	8.82	29.67	305	88	A	V
		5725.96	58.28	-9.92	68.2	46.93	32.21	8.82	29.68	305	88	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11000	45.93	-28.07	74	54.42	40.5	12.51	61.5	100	0	P	H
		16500	46.13	-22.07	68.2	49.11	39.4	14.92	57.3	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	45.43	-28.57	74	53.92	40.5	12.51	61.5	100	0	P	V
5500MHz		16500	47.26	-20.94	68.2	50.24	39.4	14.92	57.3	100	0	P	V
													V
													V
		11160	46.05	-27.95	74	54.69	40.3	12.59	61.53	100	0	P	H
		16740	42.79	-25.41	68.2	44.96	39.69	14.96	56.82	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	46.38	-27.62	74	55.02	40.3	12.59	61.53	100	0	P	V
5580MHz		16740	52.26	-15.94	68.2	54.43	39.69	14.96	56.82	100	0	P	V
													V
													V
		11400	45.27	-28.73	74	54.11	40.02	12.72	61.58	100	0	P	H
		17100	50.6	-17.6	68.2	51.26	40.36	15.06	56.08	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	45.61	-28.39	74	54.45	40.02	12.72	61.58	100	0	P	V
5700MHz		17100	49.55	-18.65	68.2	50.21	40.36	15.06	56.08	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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)
		5457.28	54.05	-19.95	74	43.31	31.87	8.46	29.59	212	76	P	H
		5466.88	62.32	-5.88	68.2	51.52	31.88	8.51	29.59	212	76	P	H
		5459.92	44.82	-9.18	54	34.08	31.87	8.46	29.59	212	76	A	H
	*	5510	104.17	-	-	93.27	31.9	8.6	29.6	212	76	P	H
802.11n	*	5510	96.28	-	-	85.38	31.9	8.6	29.6	212	76	A	H
HT40		5752.4	53.29	-14.91	68.2	41.91	32.26	8.81	29.69	212	76	P	H
CH 102		5459.92	51.26	-22.74	74	40.52	31.87	8.46	29.59	325	102	P	V
5510MHz		5468.08	54.52	-13.68	68.2	43.72	31.88	8.51	29.59	325	102	P	V
		5459.44	42.76	-11.24	54	32.02	31.87	8.46	29.59	325	102	A	V
	*	5510	97.74	-	-	86.84	31.9	8.6	29.6	325	102	P	V
	*	5510	90.2	-	-	79.3	31.9	8.6	29.6	325	102	A	V
		5725.31	51.88	-16.32	68.2	40.53	32.21	8.82	29.68	325	102	P	V
		5453.92	55.32	-18.68	74	44.58	31.87	8.46	29.59	211	75	P	H
		5469.52	55	-13.2	68.2	44.2	31.88	8.51	29.59	211	75	P	H
		5447.68	44.73	-9.27	54	34.03	31.87	8.41	29.58	211	75	A	H
	*	5550	108.03	-	-	96.97	31.97	8.7	29.61	211	75	P	H
802.11n	*	5550	100.16	-	-	89.1	31.97	8.7	29.61	211	75	A	H
HT40		5728.775	51.16	-17.04	68.2	39.81	32.21	8.82	29.68	211	75	P	H
CH 110		5452	51.43	-22.57	74	40.69	31.87	8.46	29.59	318	105	P	V
5550MHz		5470	50.76	-17.44	68.2	39.96	31.88	8.51	29.59	318	105	P	V
		5445.76	43.2	-10.8	54	32.5	31.87	8.41	29.58	318	105	A	V
	*	5550	102.47	-	-	91.41	31.97	8.7	29.61	318	105	P	V
	*	5550	94.31	-	-	83.25	31.97	8.7	29.61	318	105	A	V
		5730.035	51.76	-16.44	68.2	40.41	32.21	8.82	29.68	318	105	P	V

		5458.15	51.75	-22.25	74	41.01	31.87	8.46	29.59	203	77	P	H
		5463.75	51.22	-16.98	68.2	40.47	31.88	8.46	29.59	203	77	P	H
		5458.85	42.48	-11.52	54	31.74	31.87	8.46	29.59	203	77	A	H
	*	5670	108.74	-	-	97.43	32.14	8.83	29.66	203	77	P	H
802.11n	*	5670	101.03	-	-	89.72	32.14	8.83	29.66	203	77	A	H
HT40		5725.31	64.71	-3.49	68.2	53.36	32.21	8.82	29.68	203	77	P	H
CH 134		5429.45	51.21	-22.79	74	40.57	31.86	8.36	29.58	310	105	P	V
5670MHz		5463.75	50.48	-17.72	68.2	39.73	31.88	8.46	29.59	310	105	P	V
		5457.45	42.11	-11.89	54	31.37	31.87	8.46	29.59	310	105	A	V
	*	5670	102	-	-	90.69	32.14	8.83	29.66	310	105	P	V
	*	5670	94.54	-	-	83.23	32.14	8.83	29.66	310	105	A	V
		5726.255	55.27	-12.93	68.2	43.92	32.21	8.82	29.68	310	105	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11020	45.94	-28.06	74	54.43	40.48	12.53	61.5	100	0	P	H
		16530	43	-25.2	68.2	45.87	39.44	14.92	57.23	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	45.79	-28.21	74	54.28	40.48	12.53	61.5	100	0	P	V
5510MHz		16530	43.22	-24.98	68.2	46.09	39.44	14.92	57.23	100	0	P	V
													V
													V
		11100	45.87	-28.13	74	54.45	40.38	12.56	61.52	100	0	P	H
		16650	42.03	-26.17	68.2	44.48	39.59	14.95	56.99	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	45.4	-28.6	74	53.98	40.38	12.56	61.52	100	0	P	V
5550MHz		16650	43.22	-24.98	68.2	45.67	39.59	14.95	56.99	100	0	P	V
													V
													V
		11340	45.96	-28.04	74	54.75	40.1	12.68	61.57	100	0	P	H
		17010	43.22	-24.98	68.2	44.4	40.06	15.02	56.26	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	45.55	-28.45	74	54.34	40.1	12.68	61.57	100	0	P	V
5670MHz		17010	43.36	-24.84	68.2	44.54	40.06	15.02	56.26	100	0	P	V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30.54	22.6	-17.4	40	30.19	23.96	0.79	32.34			P	H
		77.52	19.73	-20.27	40	37.35	13.4	1.28	32.3			P	H
		100.74	27.81	-15.69	43.5	42.51	16.23	1.36	32.29			P	H
		482.7	26.74	-19.26	46	32.6	23.7	2.63	32.19			P	H
		739.6	30.02	-15.98	46	31.05	27.87	3.2	32.1			P	H
		826.4	30.68	-15.32	46	30.77	28.33	3.45	31.87	100	0	P	H
													H
													H
													H
													H
													H
802.11a													H
LF		32.7	29.29	-10.71	40	37.73	23.11	0.79	32.34			P	V
		39.45	30.86	-9.14	40	42.51	19.71	0.97	32.33	100	0	P	V
		61.86	29.03	-10.97	40	48.25	12.05	1.04	32.31			P	V
		822.9	31.01	-14.99	46	31.3	28.15	3.44	31.88			P	V
		889.4	32.23	-13.77	46	31.24	29	3.55	31.56			P	V
		957.3	33.75	-12.25	46	30.02	31.01	3.71	30.99			P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

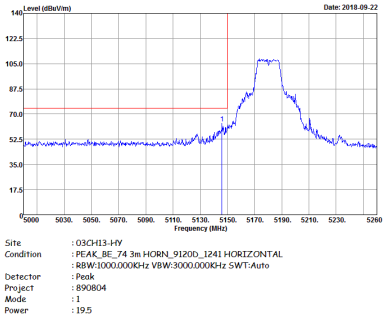
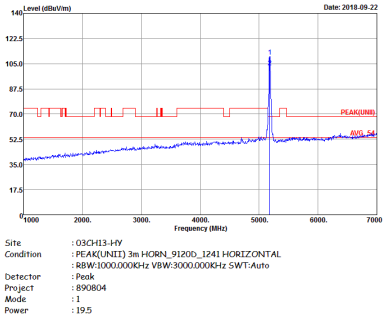
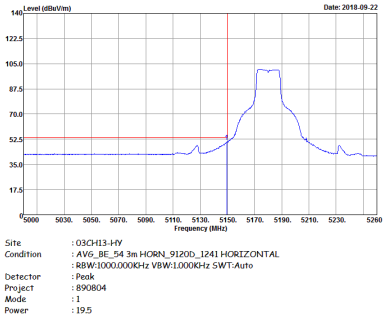
Test Engineer :	Alex Jheng , Fu Chen , Wilson Wu	**Temperature :**	24.5~25.2°C
		Relative Humidity :	47~51%

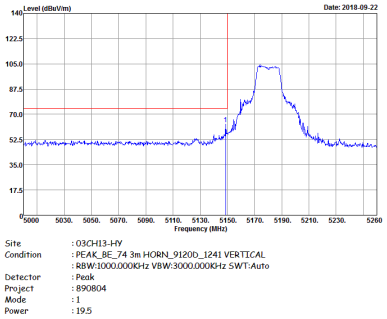
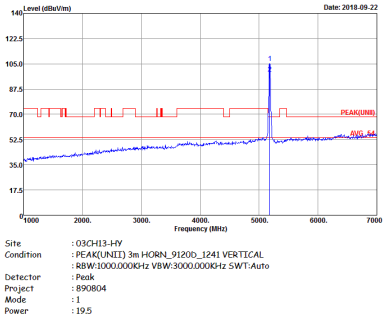
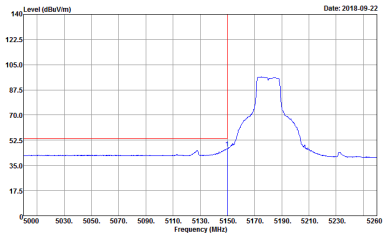
Note symbol

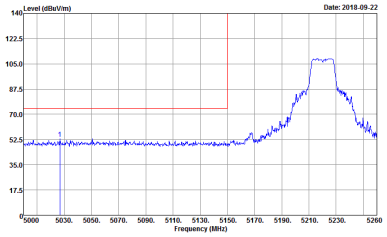
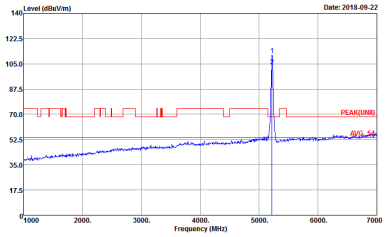
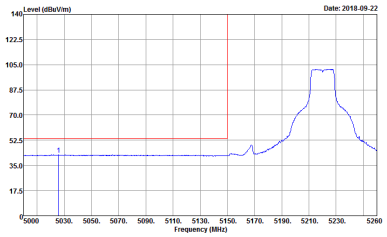
-L	**Low channel location**
-R	**High channel location**

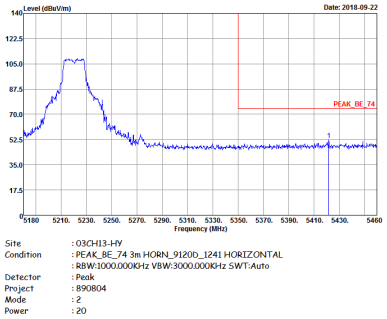
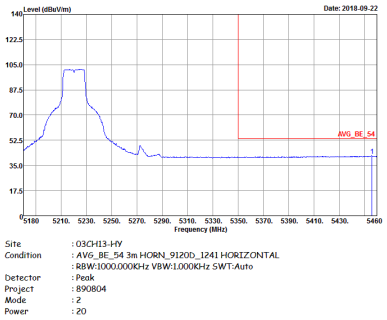
Band 1 - 5150~5250MHz

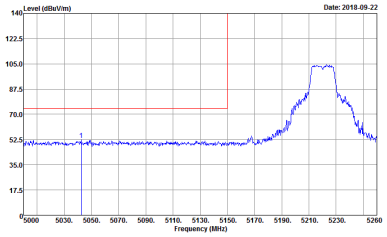
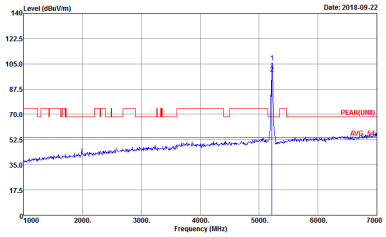
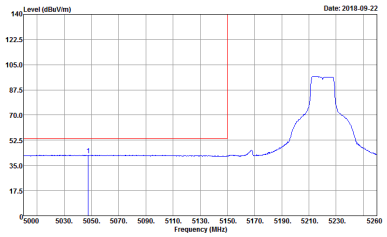
WIFI 802.11a (Band Edge @ 3m)

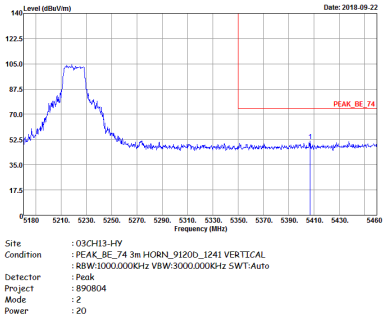
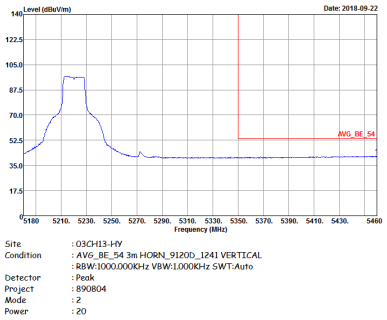
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

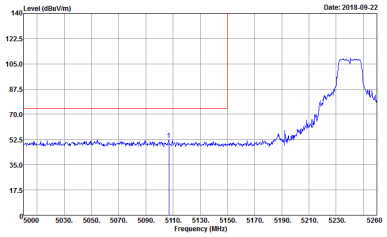
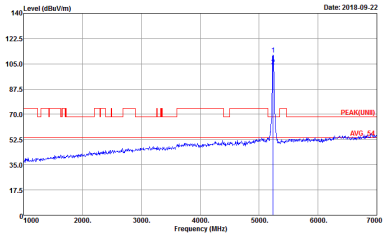
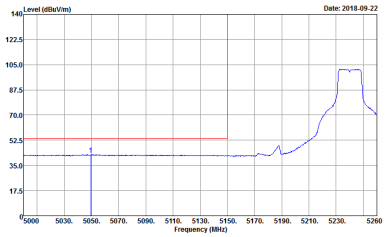
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 1 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 1 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 1 Power : 19.5	Left blank

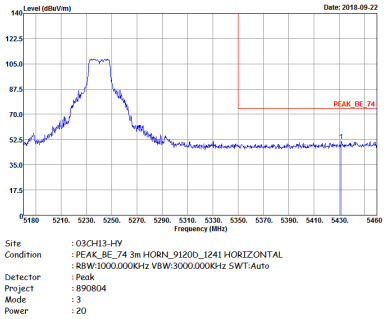
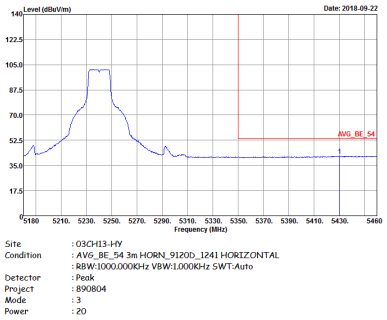
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 2 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 2 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 2 Power : 20	Left blank

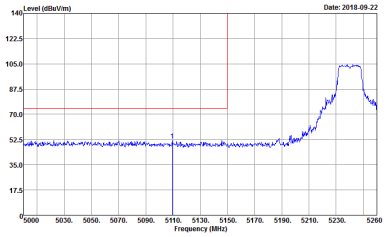
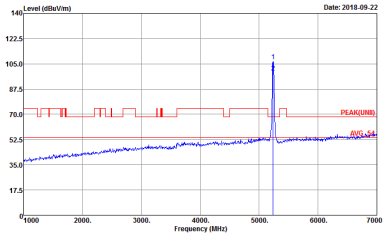
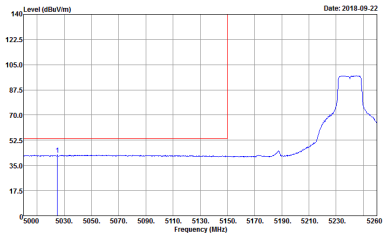
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

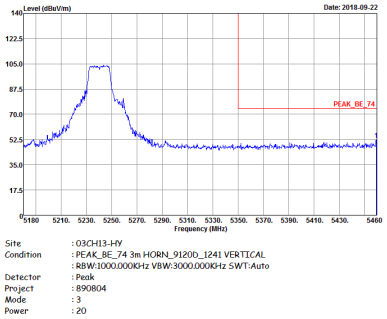
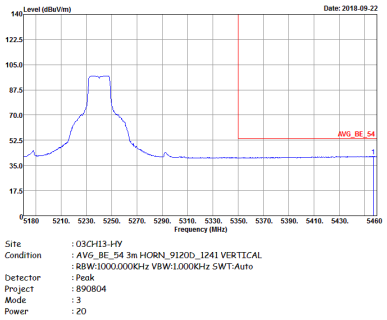
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 2 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 2 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 2 Power : 20	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 2 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 2 Power : 20	Left blank

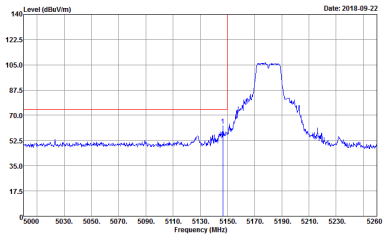
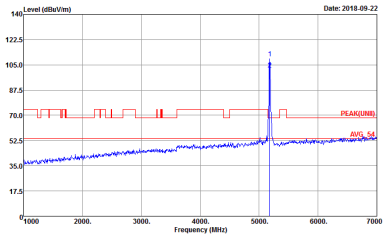
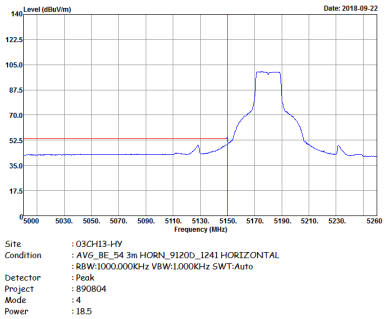
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 3 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 3 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 3 Power : 20	Left blank

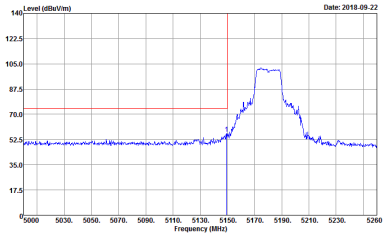
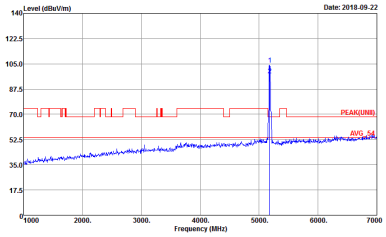
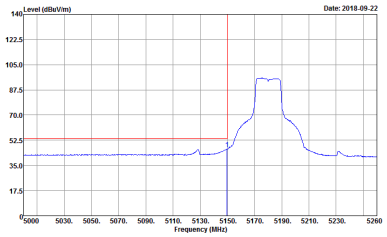
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 3 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 3 Power : 20	Left blank

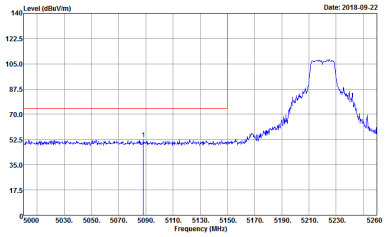
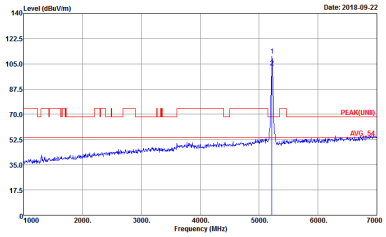
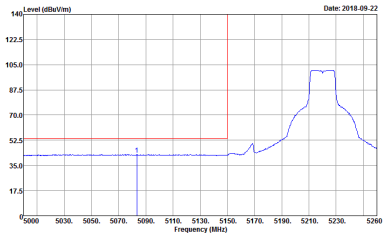
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 3 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 3 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 3 Power : 20	Left blank

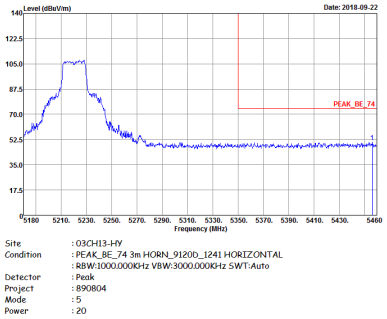
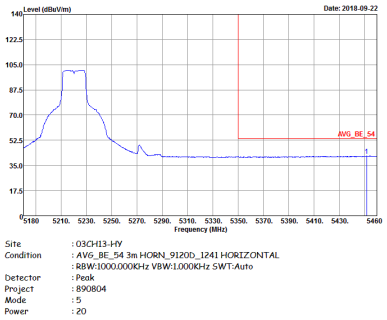
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

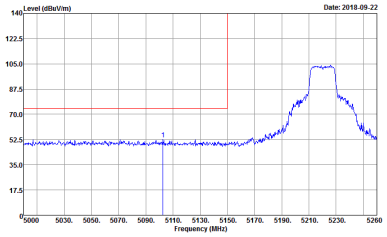
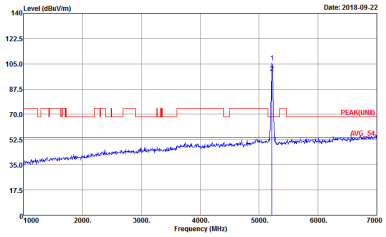
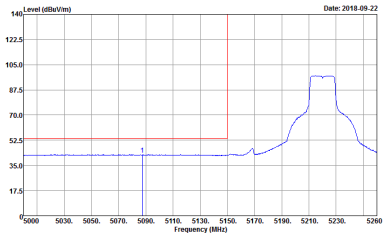
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

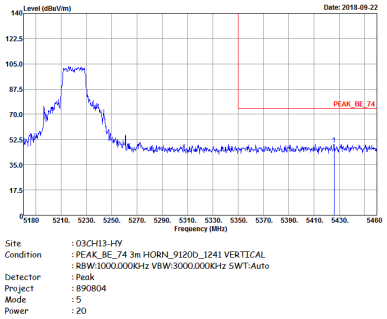
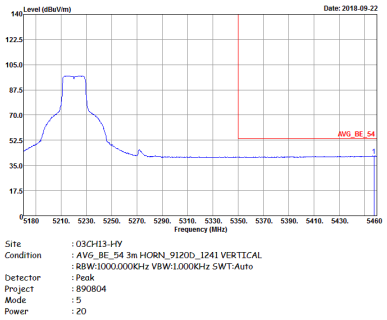
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

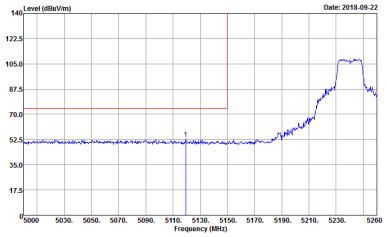
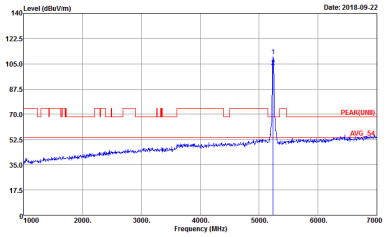
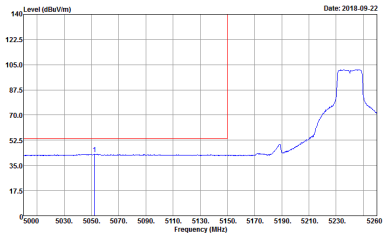
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 4 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 4 Power : 18.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 4 Power : 18.5	Left blank

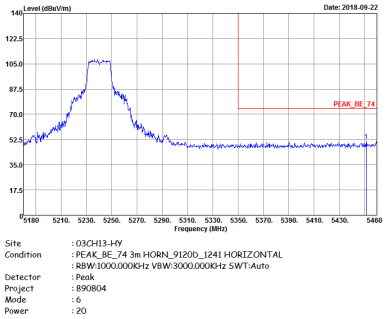
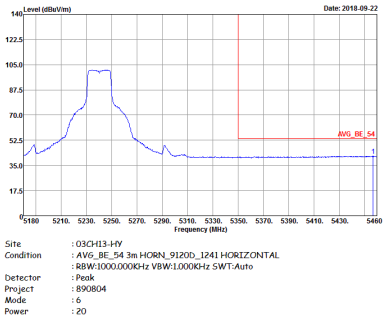
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 5 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 5 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 5 Power : 20	Left blank

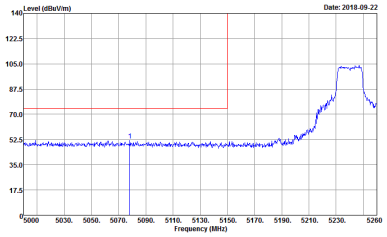
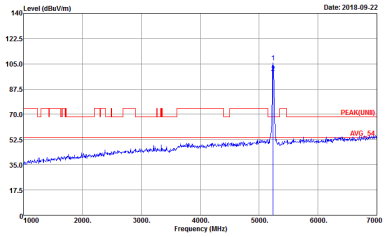
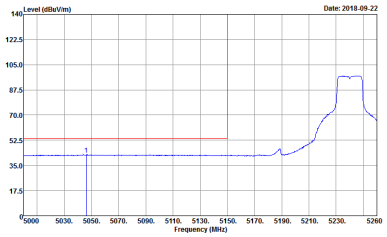
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

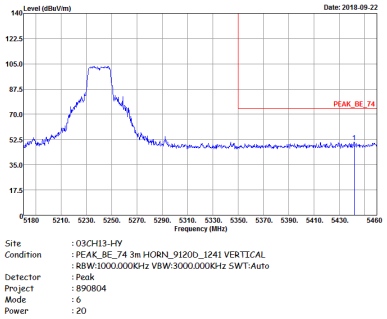
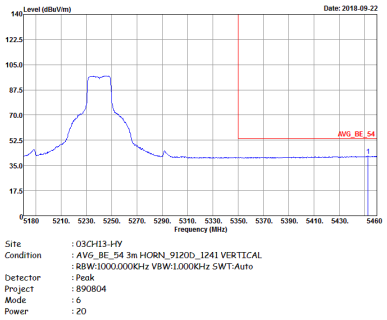
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 5 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 5 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 5 Power : 20	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 5 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 5 Power : 20	Left blank

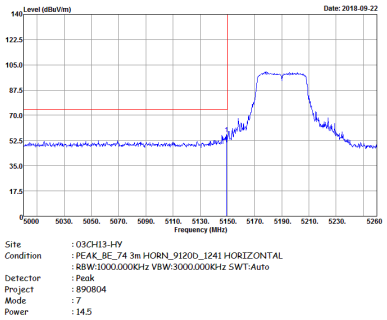
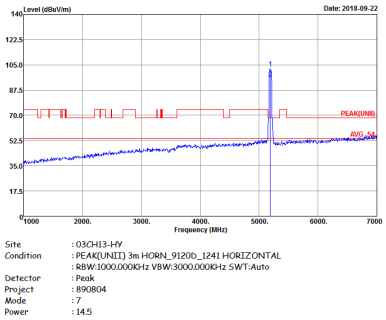
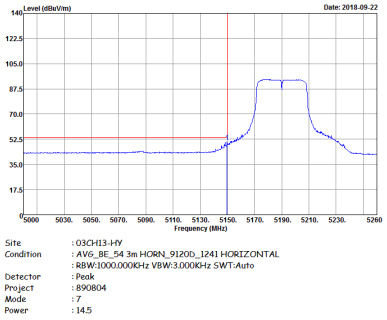
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20	Left blank

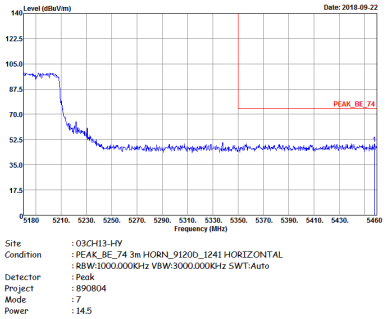
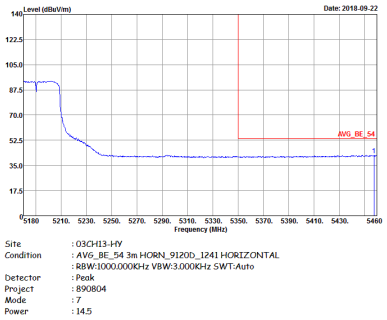
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20	Left blank

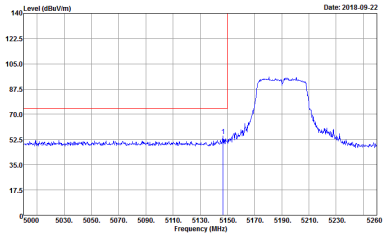
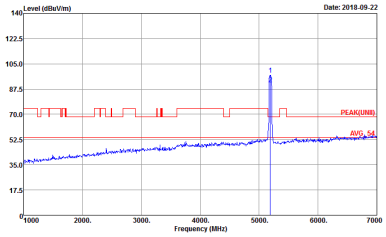
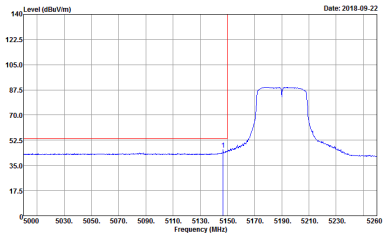
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20	Left blank

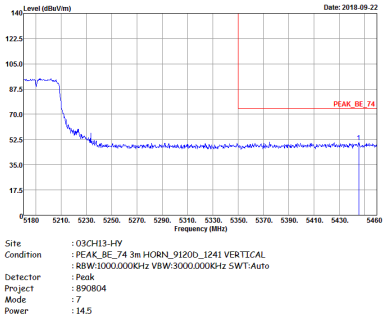
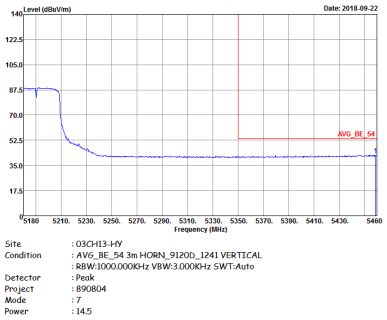
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 6 Power : 20	Left blank

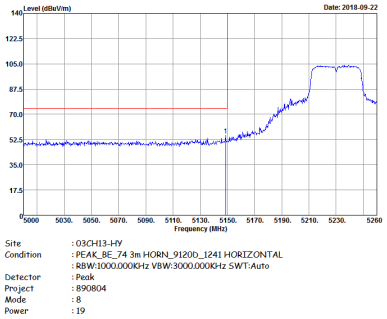
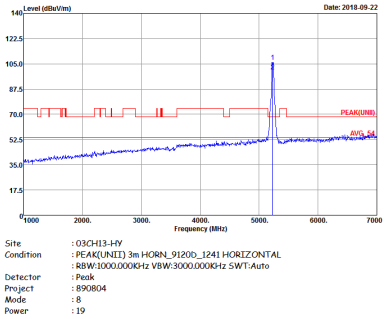
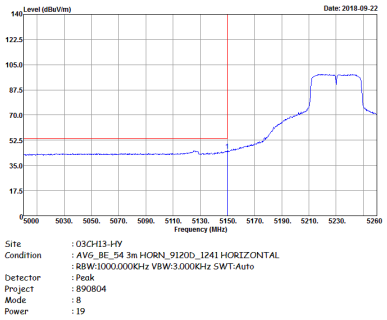
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

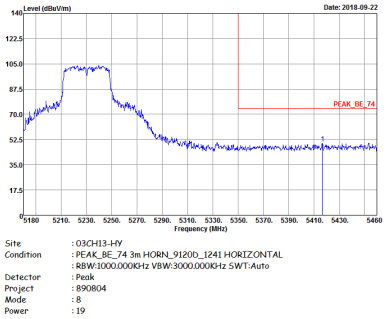
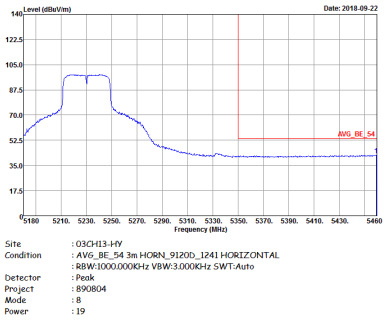
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

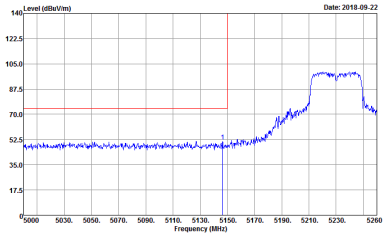
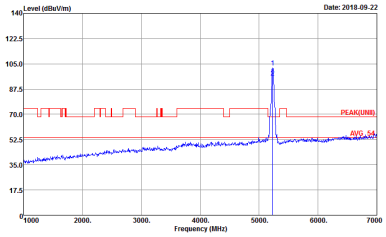
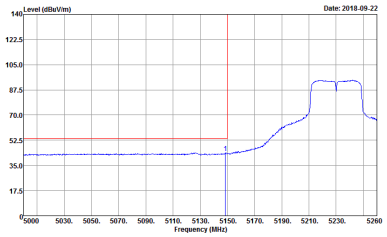
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

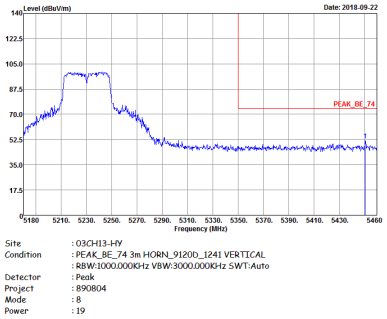
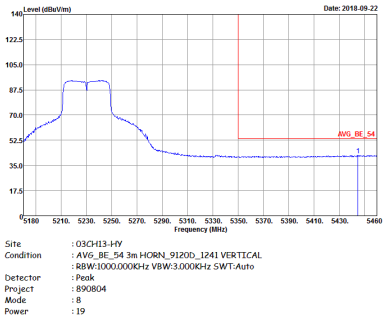
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 7 Power : 14.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 7 Power : 14.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 7 Power : 14.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 7 Power : 14.5	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 7 Power : 14.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19	Left blank

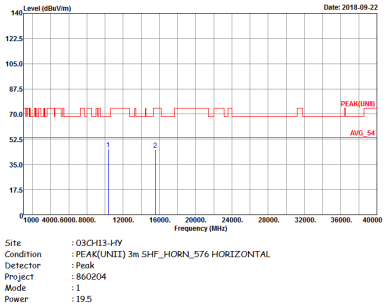
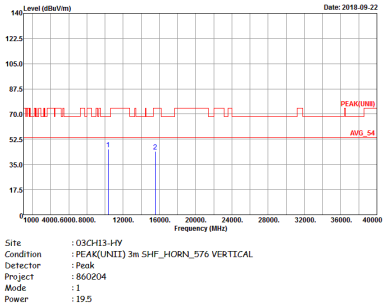
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19	Left blank

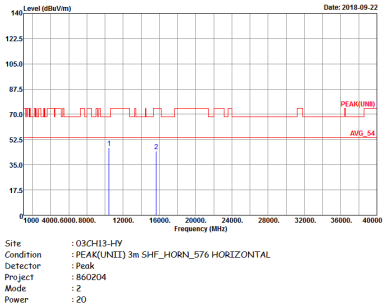
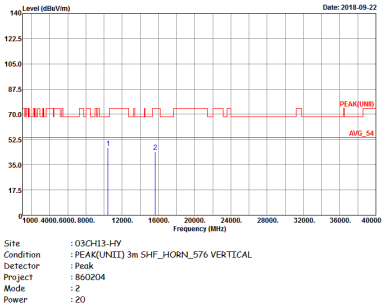
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19	Left blank

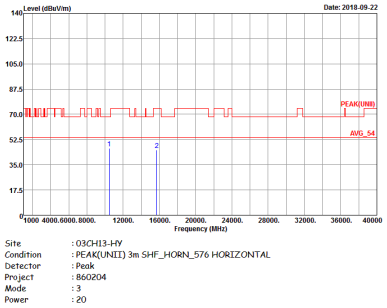
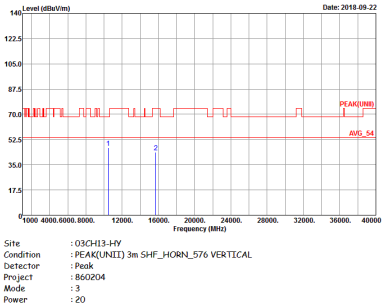
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 8 Power : 19	Left blank

Band 1 - 5150~5250MHz

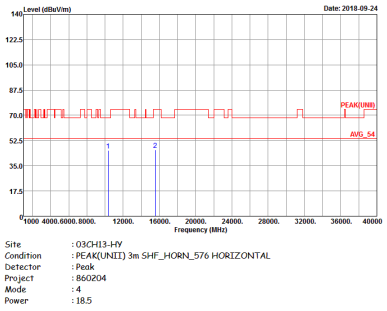
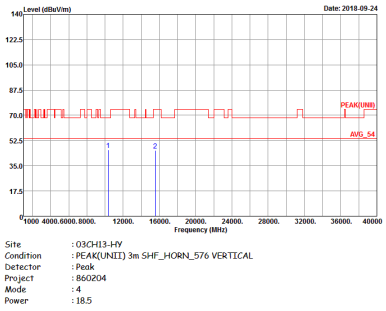
WIFI 802.11a (Harmonic @ 3m)

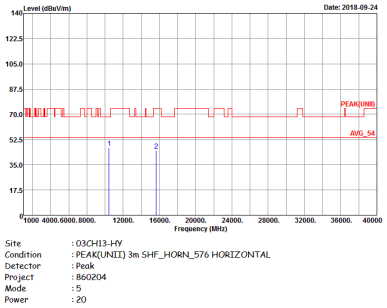
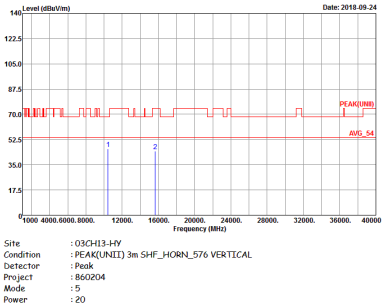
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

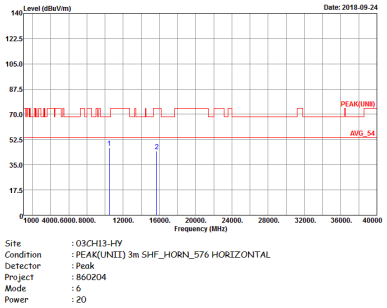
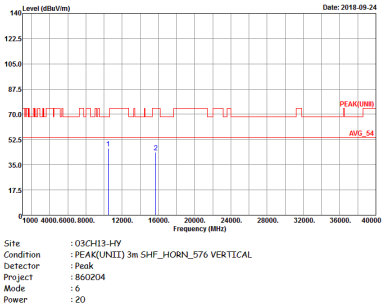
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 2 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 2 Power : 20

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 3 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 3 Power : 20

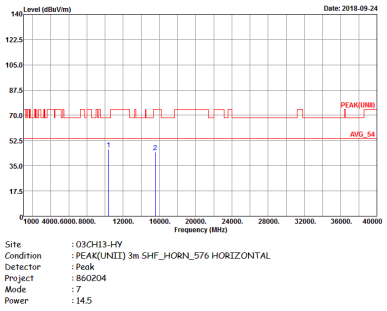
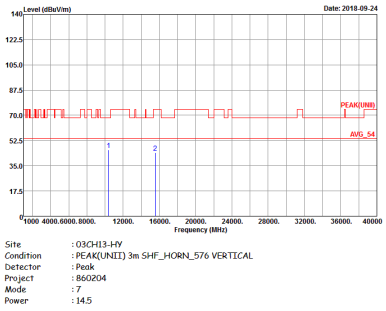
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

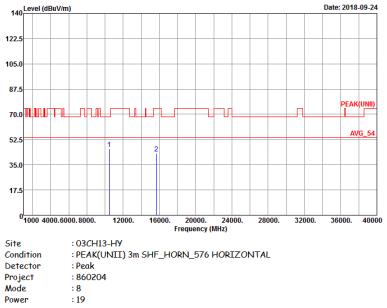
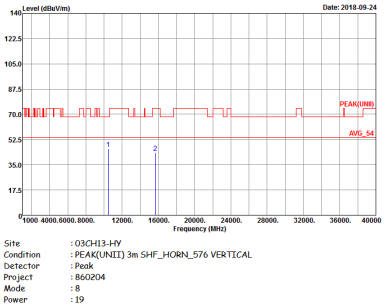
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 5 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 5 Power : 20

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

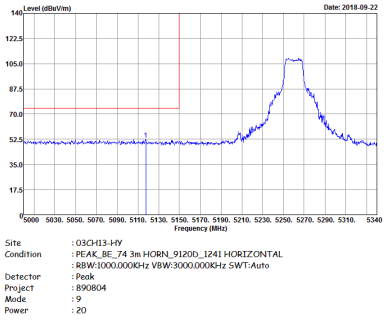
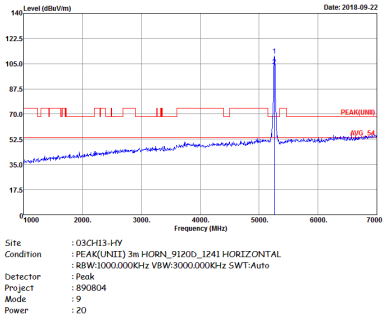
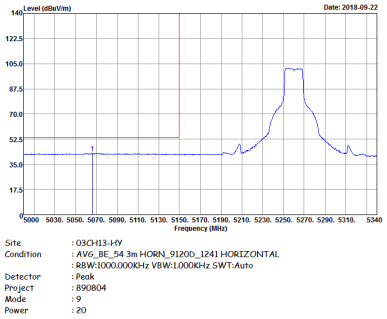
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

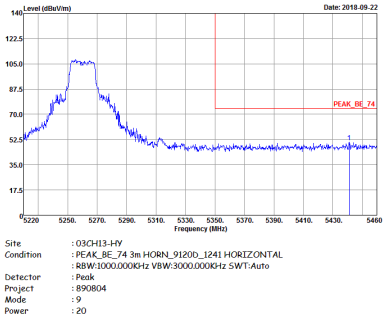
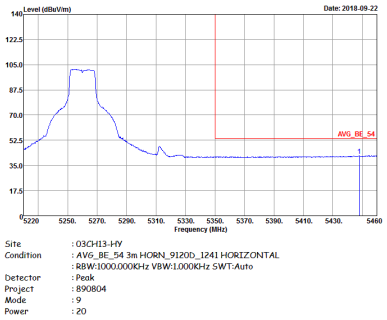
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

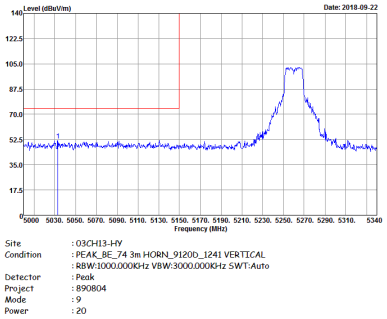
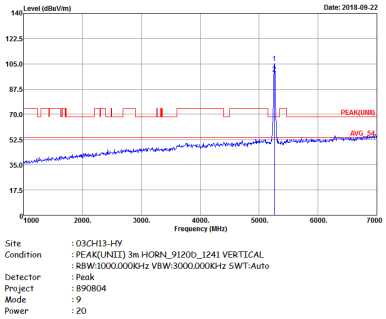
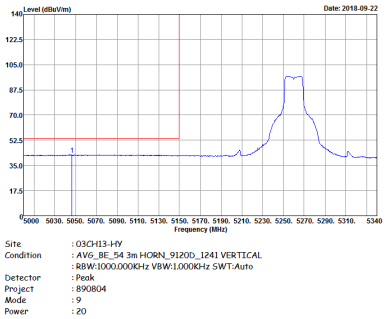
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 8 Power : 19	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 8 Power : 19

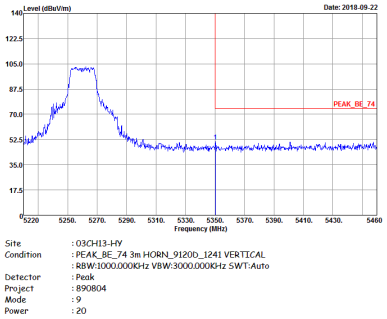
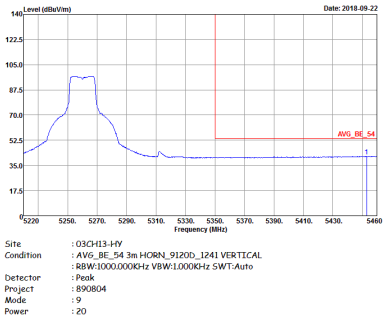
Band 2 - 5250~5350MHz

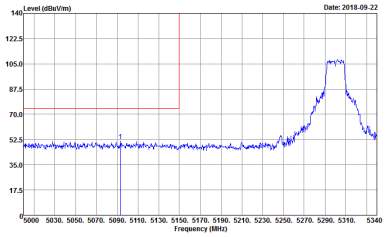
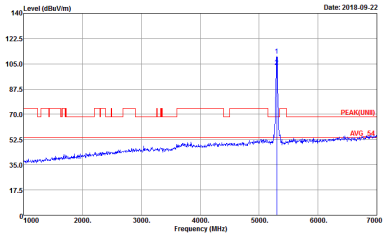
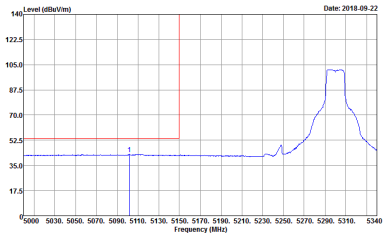
WIFI 802.11a (Band Edge @ 3m)

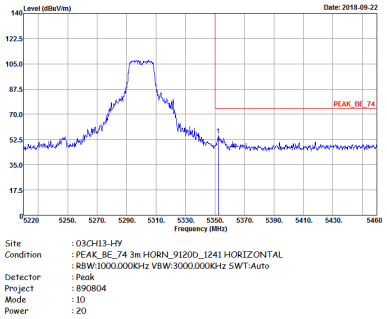
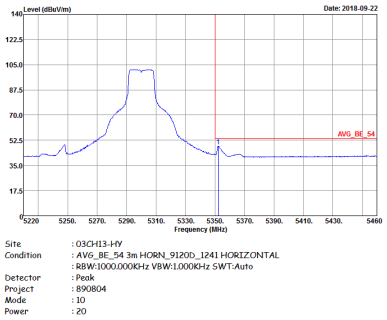
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

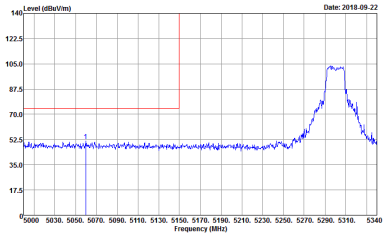
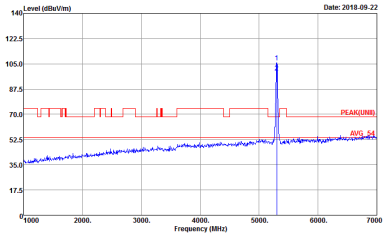
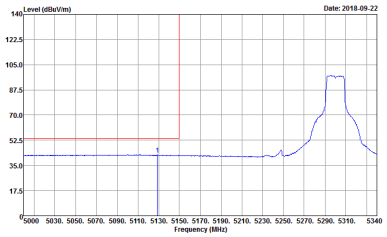
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

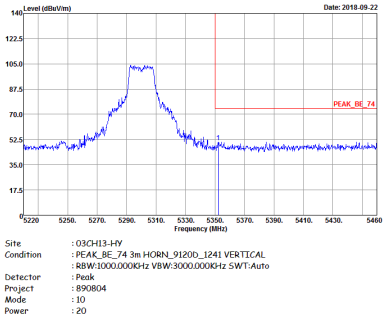
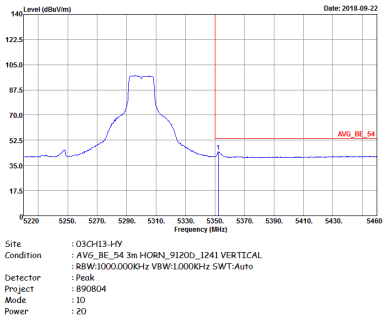
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

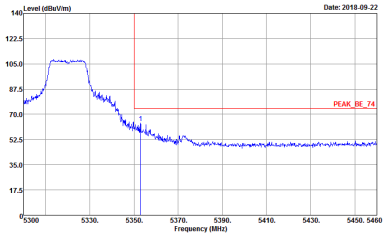
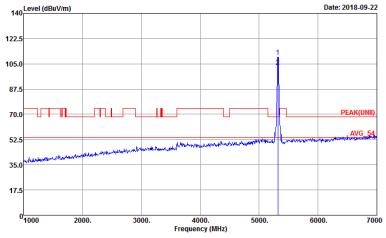
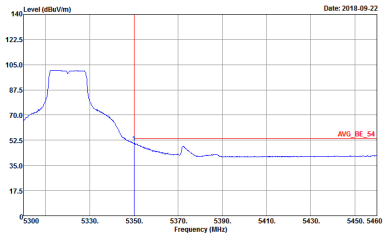
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 9 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 9 Power : 20	Left blank

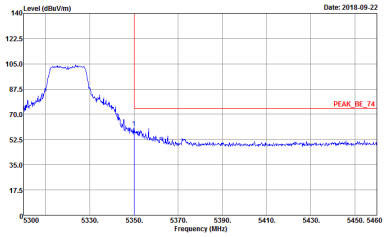
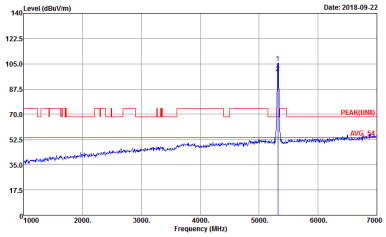
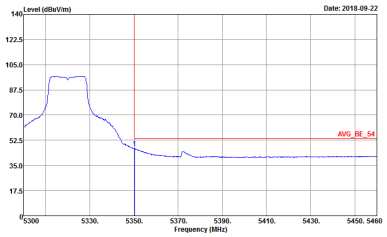
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20	Left blank

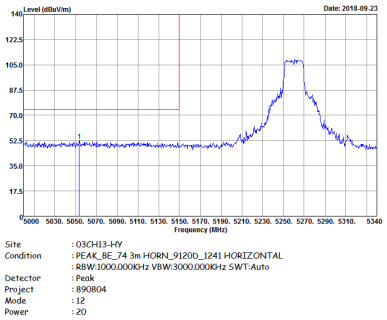
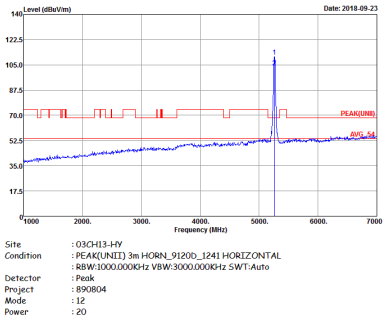
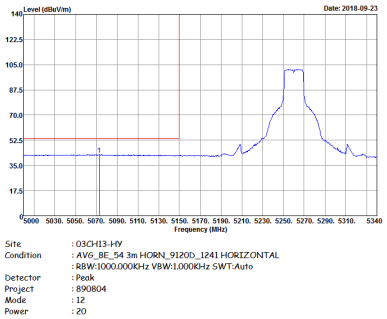
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20	Left blank

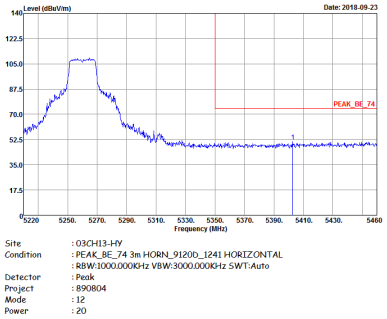
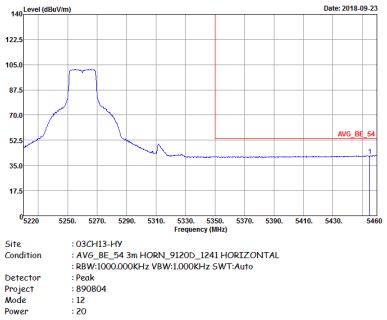
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 10 Power : 20	Left blank

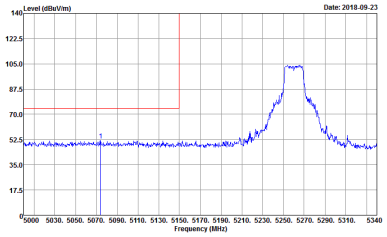
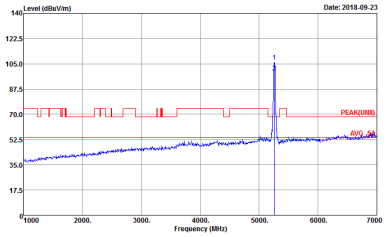
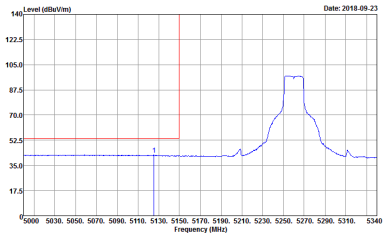
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 11 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 11 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 11 Power : 19.5	Left blank

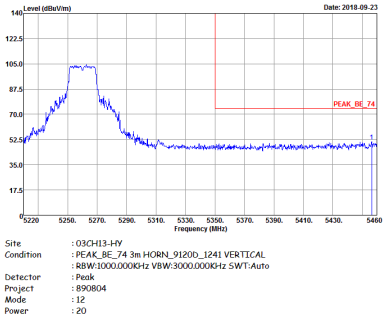
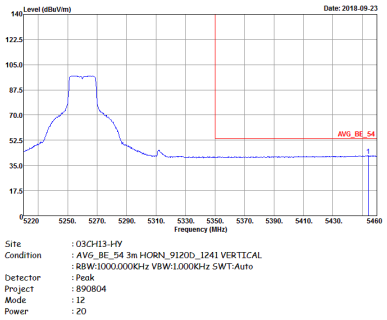
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 11 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 11 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 11 Power : 19.5	Left blank

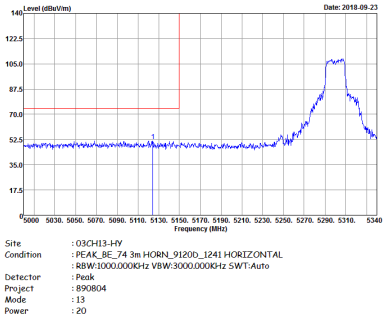
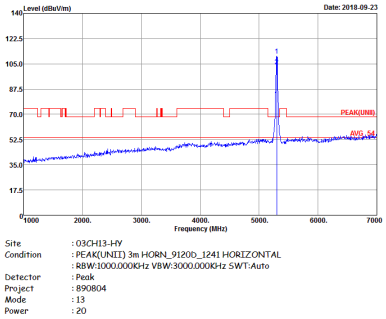
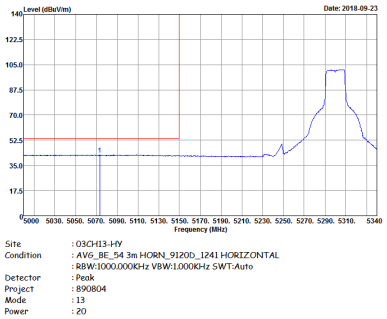
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

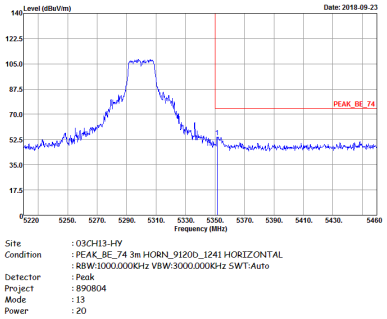
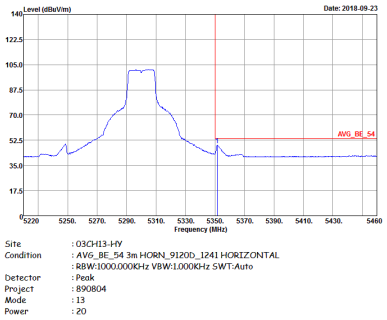
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

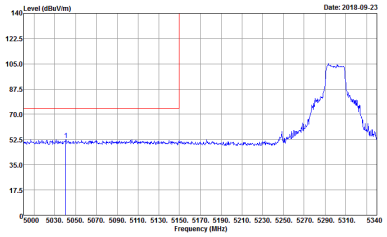
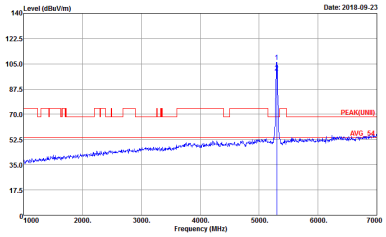
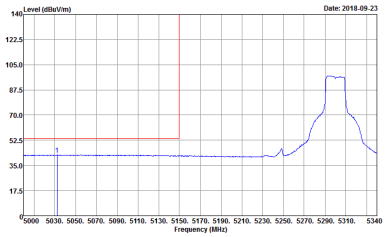
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 12 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 12 Power : 20	Left blank

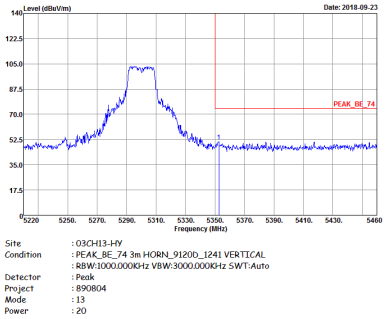
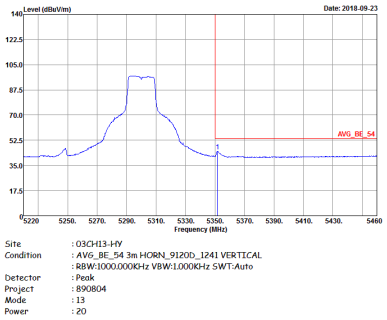
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 12 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 12 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 12 Power : 20	Left blank

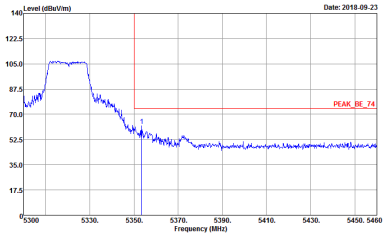
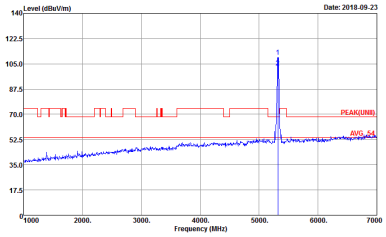
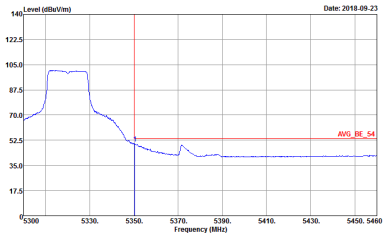
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 12 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 12 Power : 20	Left blank

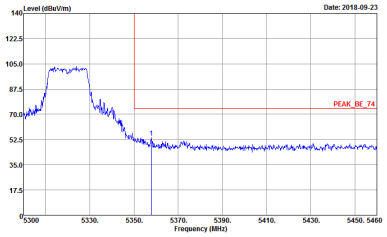
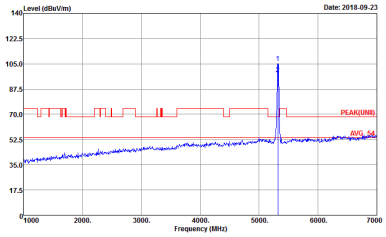
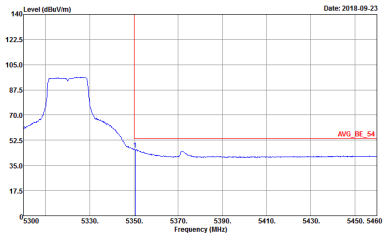
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20	Left blank

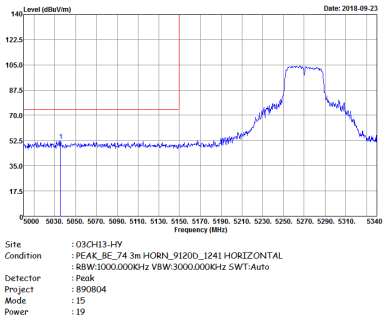
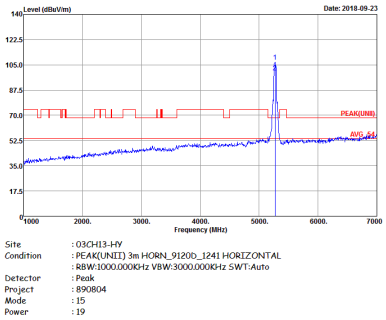
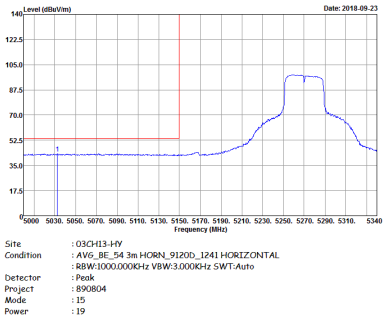
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20	Left blank

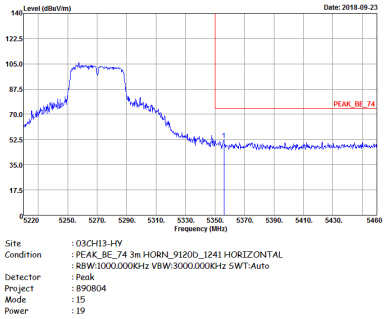
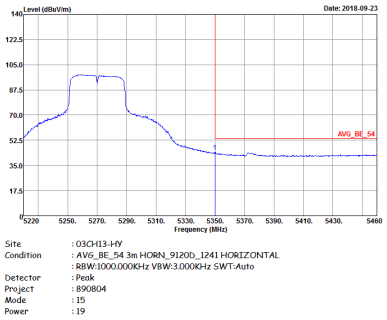
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 20	Left blank

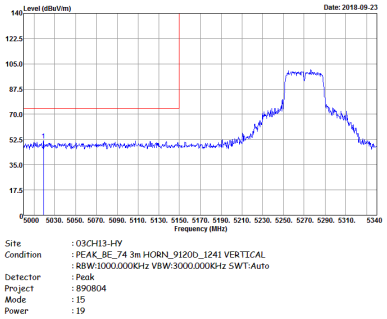
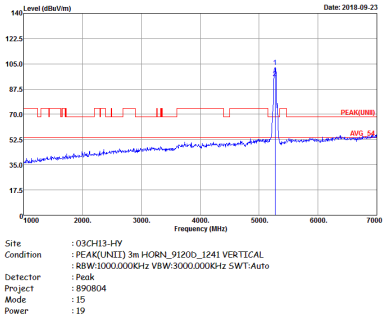
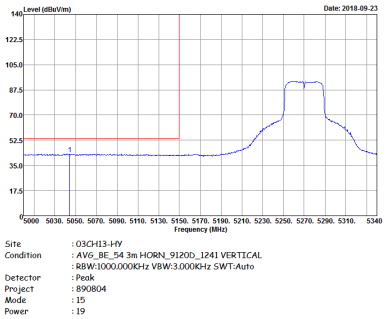
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 19	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 19
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 19	Left blank

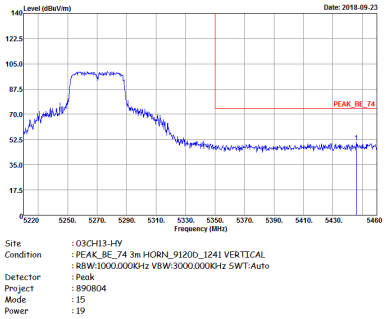
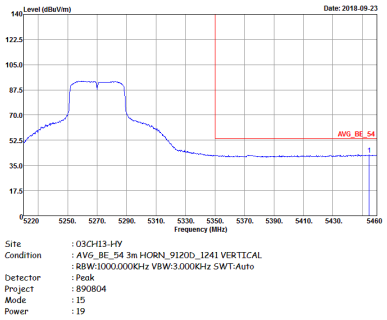
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 19	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 19
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 13 Power : 19	Left blank

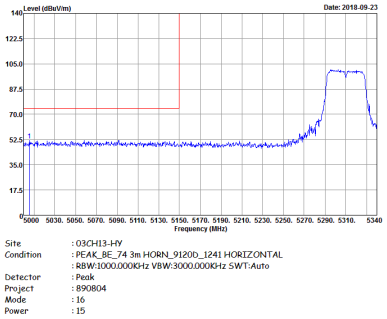
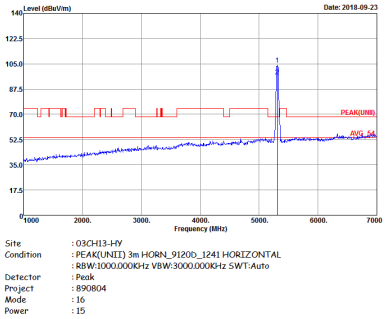
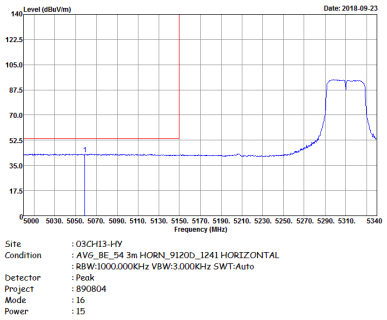
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

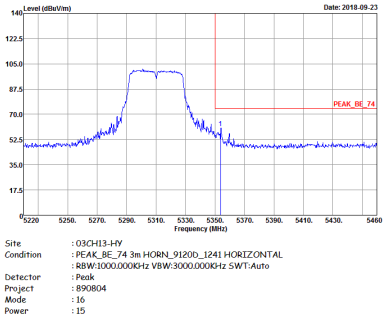
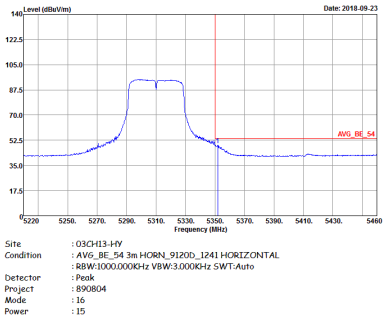
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

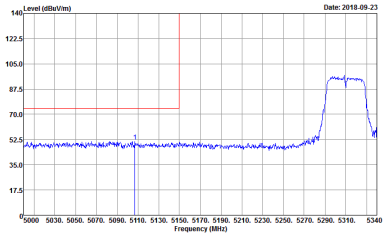
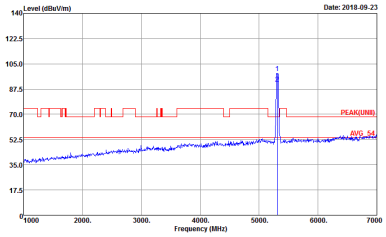
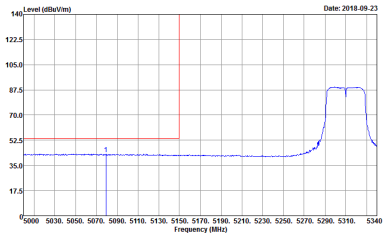
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 15 Power : 19	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 15 Power : 19	Left blank

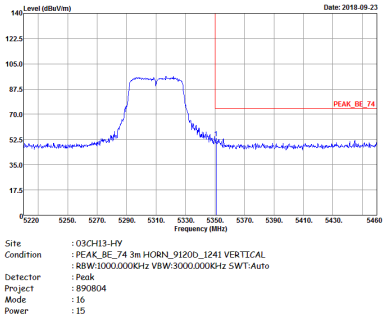
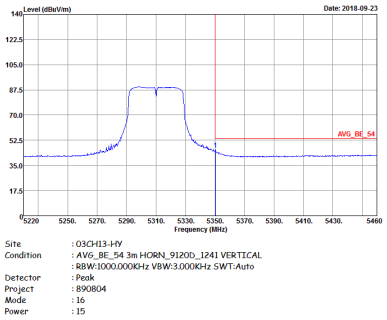
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - L	
1	Vertical	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 15 Power : 19	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 15 Power : 19
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 15 Power : 19	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - R	
1	Vertical	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 15 Power : 19	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 15 Power : 19	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15	Left blank

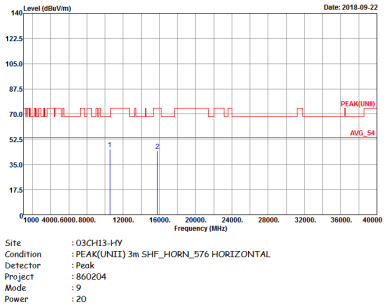
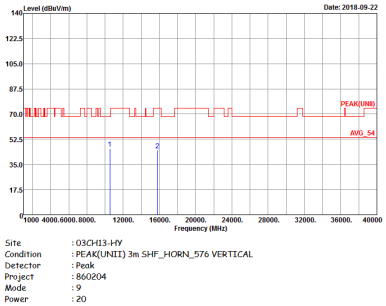
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15	Left blank

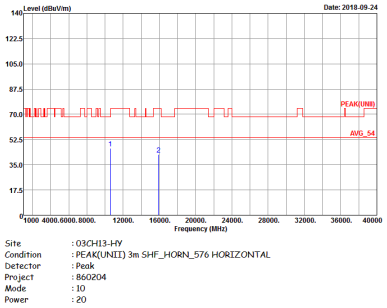
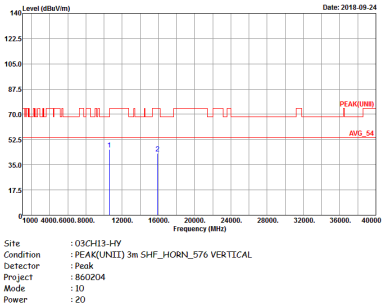
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15	Left blank

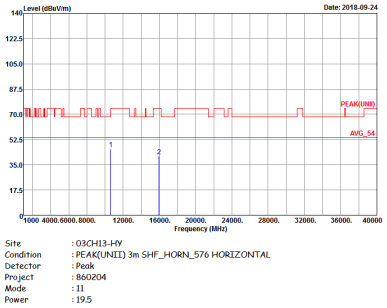
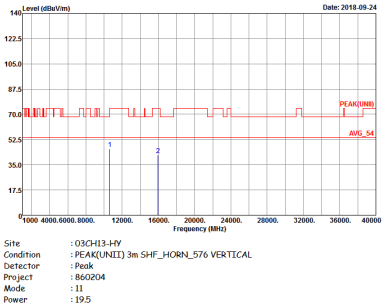
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 16 Power : 15	Left blank

Band 2 - 5250~5350MHz

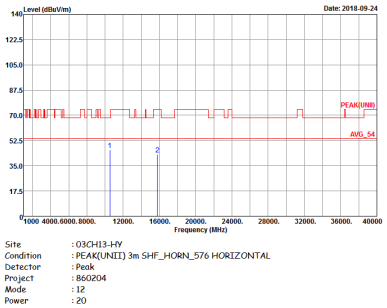
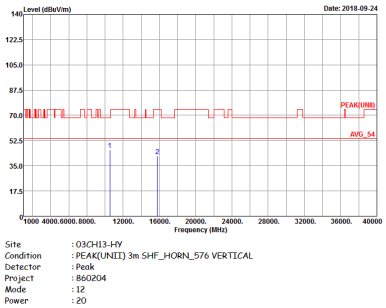
WIFI 802.11a (Harmonic @ 3m)

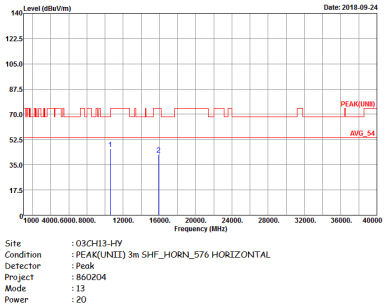
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

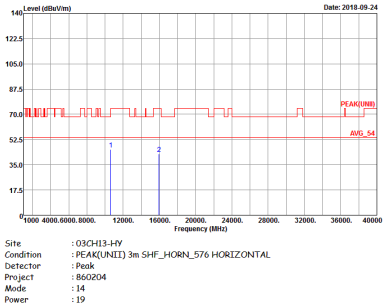
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 10 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 10 Power : 20

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 11 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 11 Power : 19.5

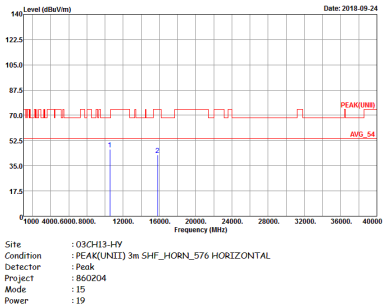
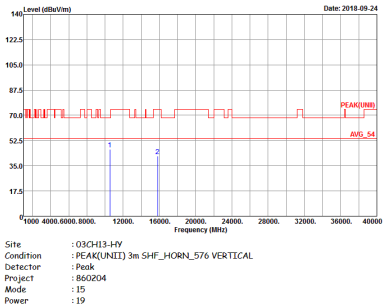
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

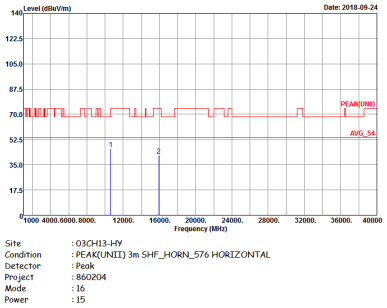
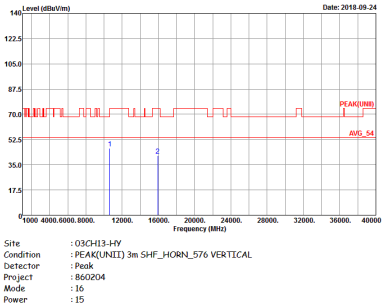
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 13 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 13 Power : 20

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 14 Power : 19	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 14 Power : 19

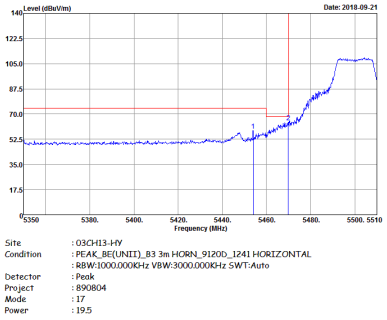
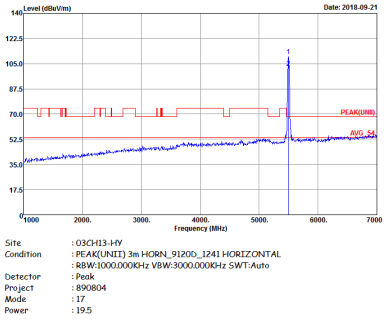
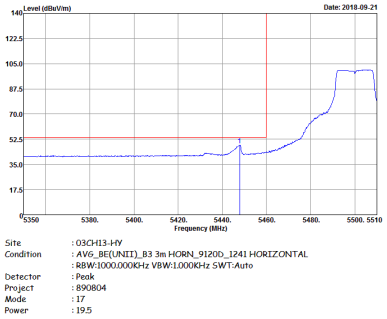
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

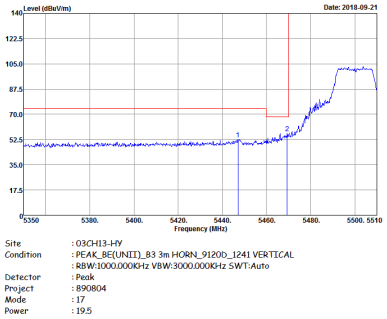
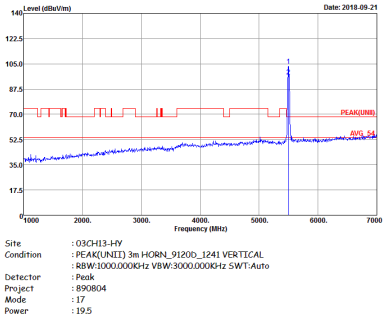
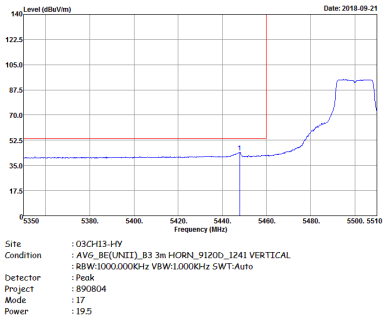
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270MHz	
1	Horizontal	Vertical
Peak Avg.		

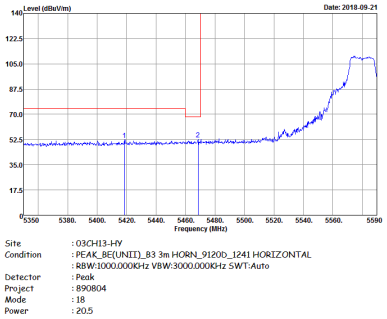
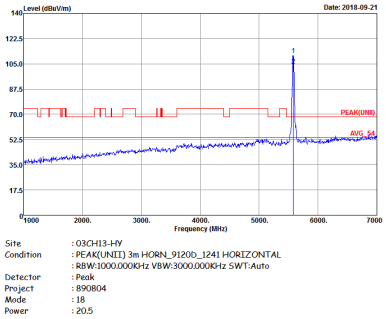
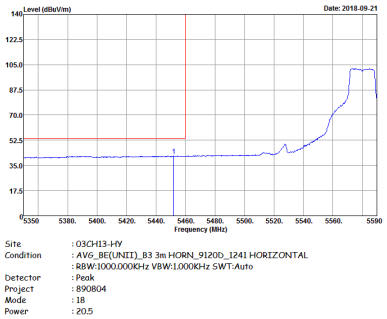
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310MHz	
1	Horizontal	Vertical
Peak Avg.		

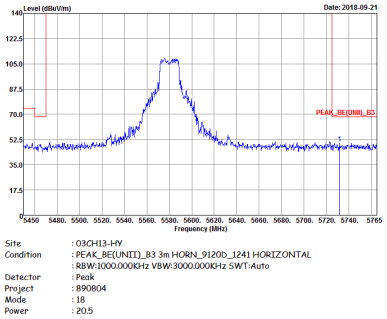
Band 3 - 5470~5725MHz

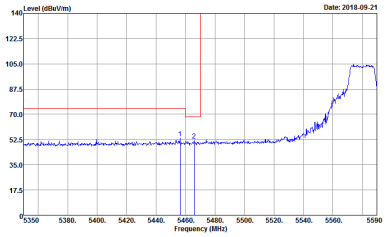
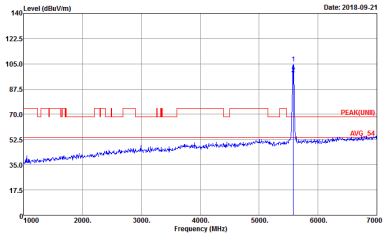
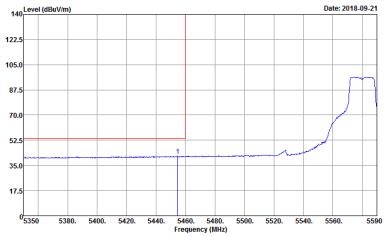
WIFI 802.11a (Band Edge @ 3m)

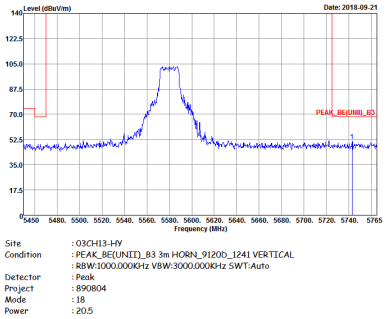
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

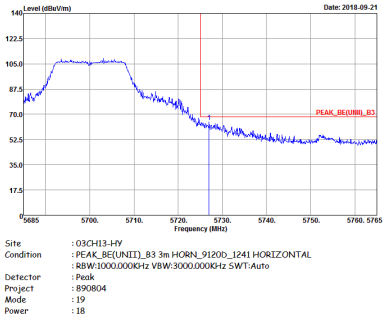
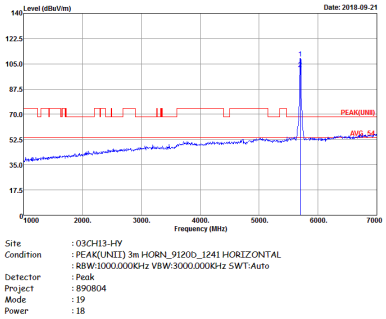
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 17 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 17 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 17 Power : 19.5	Left blank

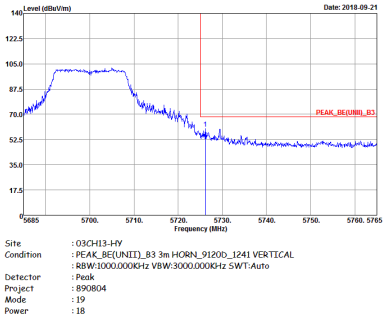
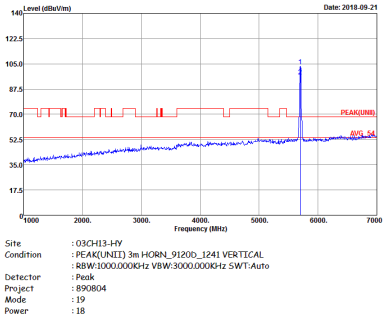
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 18 Power : 20.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 18 Power : 20.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 18 Power : 20.5	Left blank

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

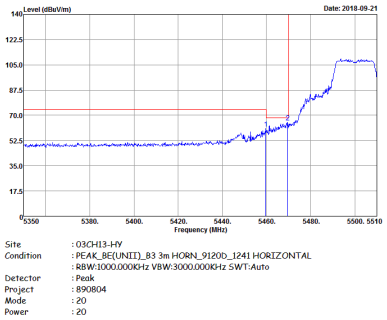
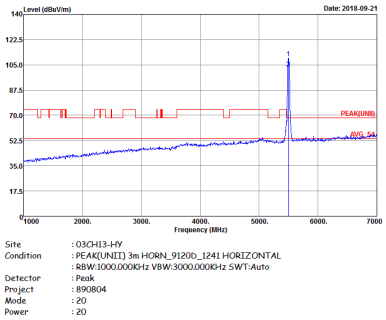
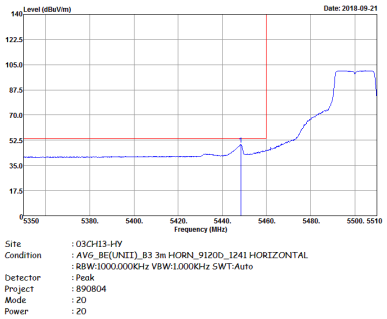
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 18 Power : 20.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 18 Power : 20.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 18 Power : 20.5	Left blank

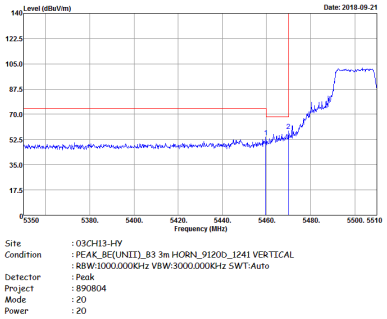
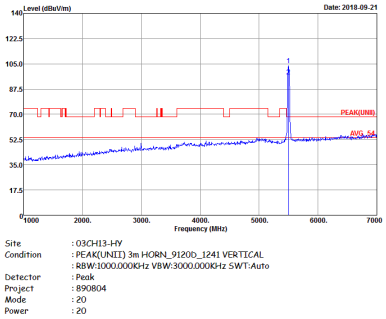
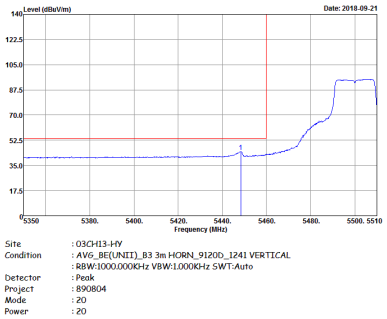
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

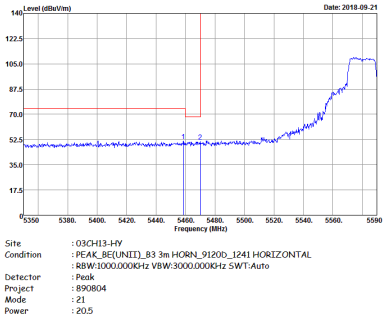
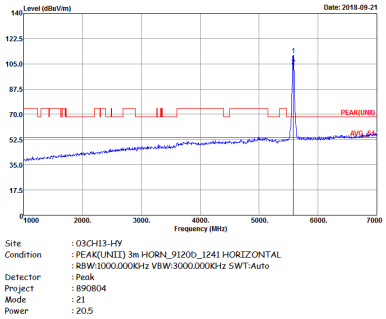
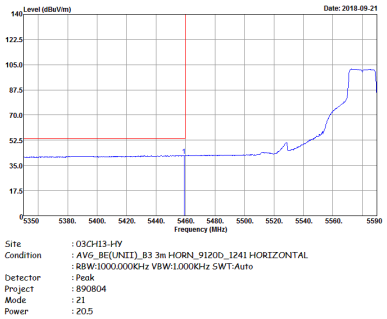
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

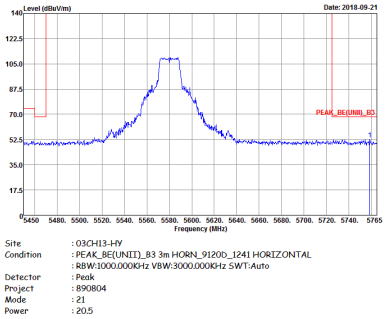
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak		

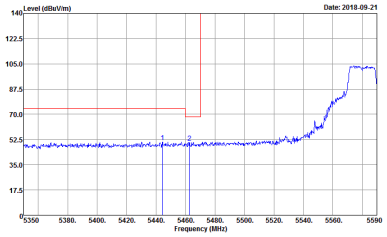
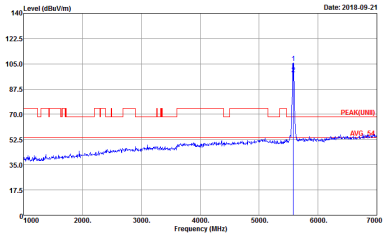
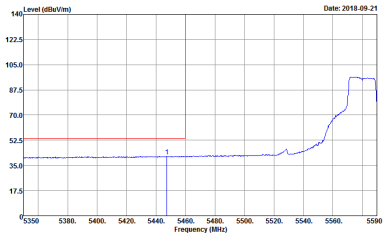
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

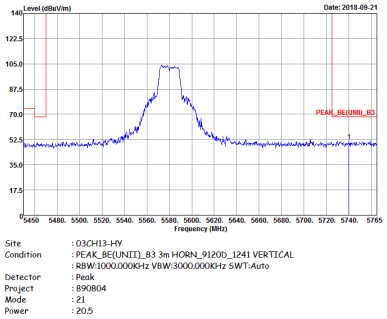
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

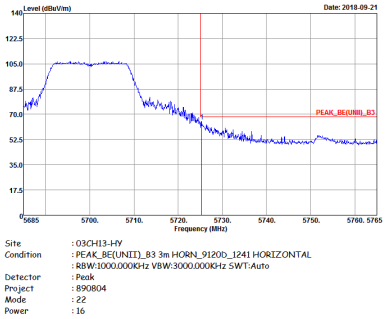
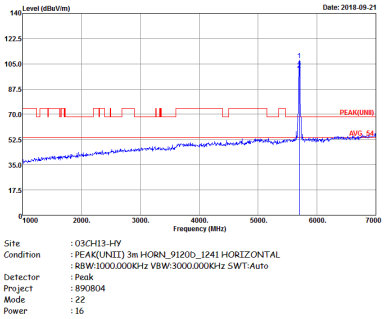
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 20 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 20 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 20 Power : 20	Left blank

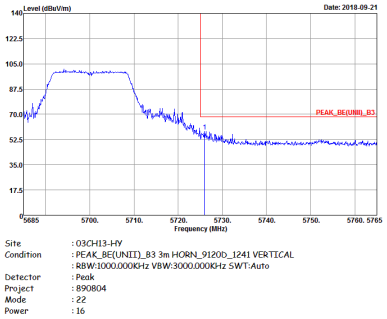
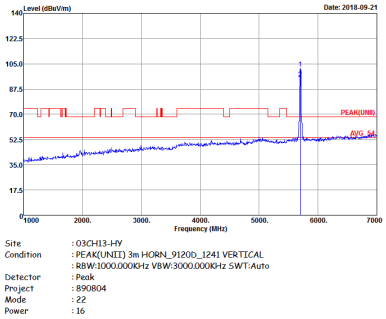
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

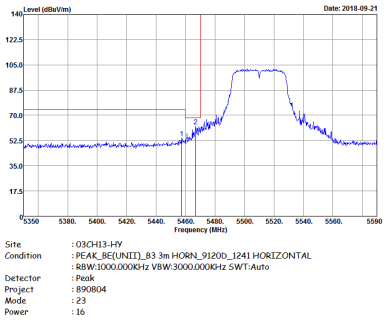
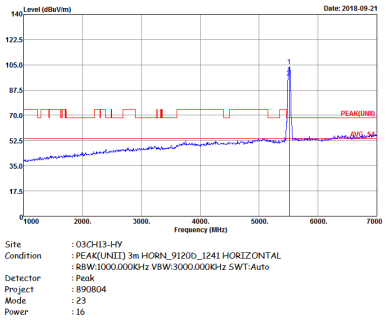
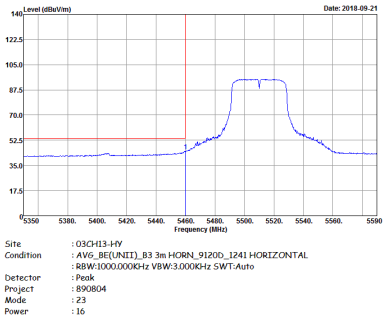
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 21 Power : 20.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 21 Power : 20.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 21 Power : 20.5	Left blank

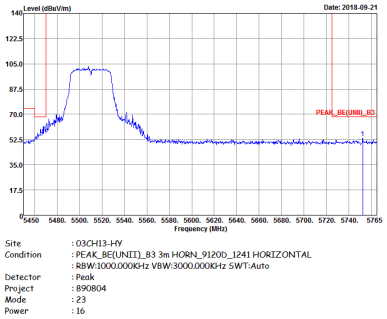
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

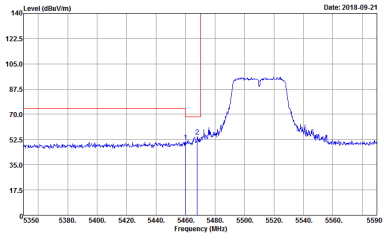
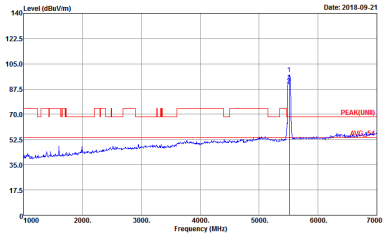
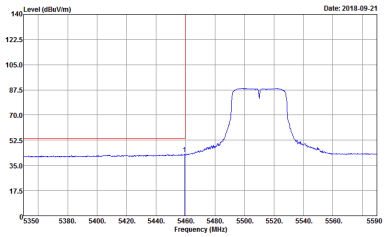
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 22 Power : 16	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 22 Power : 16

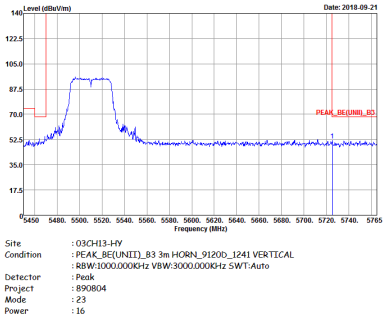
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 22 Power : 16	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 22 Power : 16

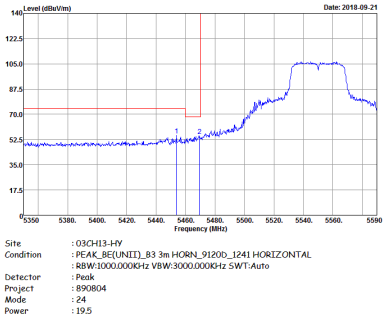
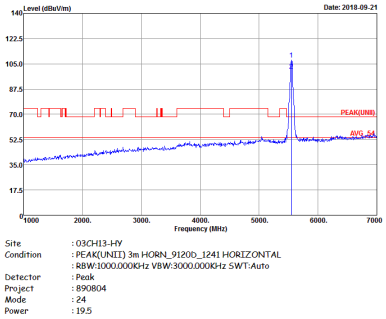
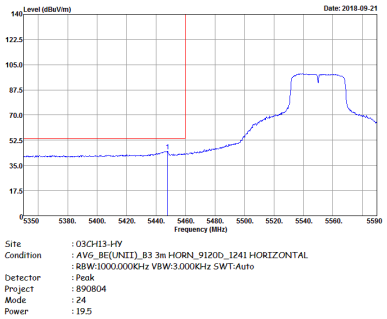
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

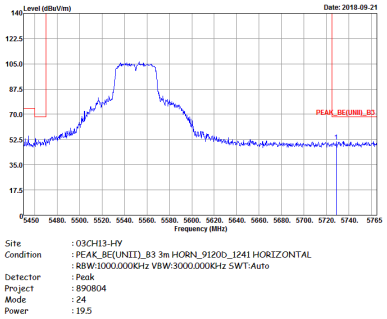
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

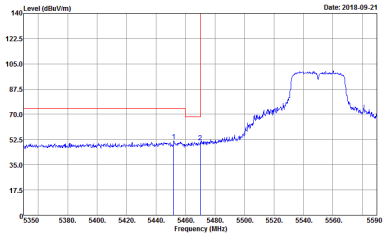
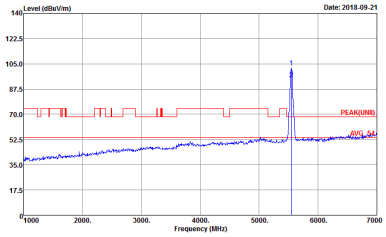
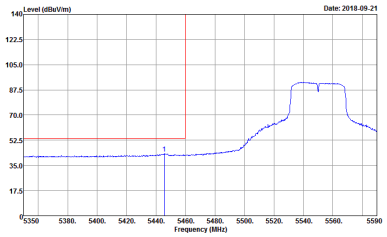
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

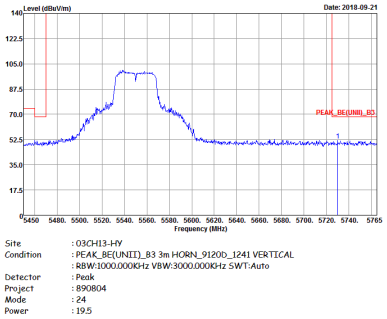
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 23 Power : 16	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 23 Power : 16
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 23 Power : 16	Left blank

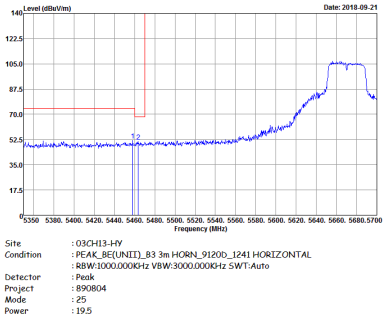
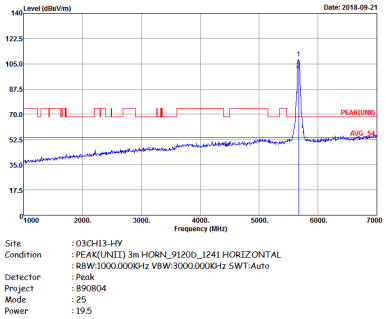
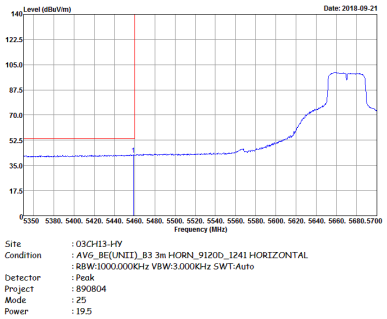
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak		Left blank

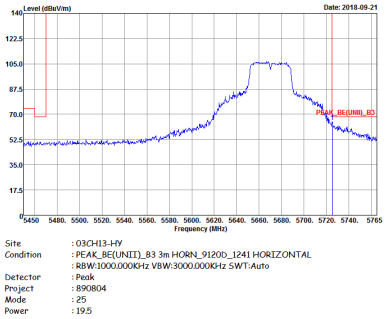
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 24 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 24 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 24 Power : 19.5	Left blank

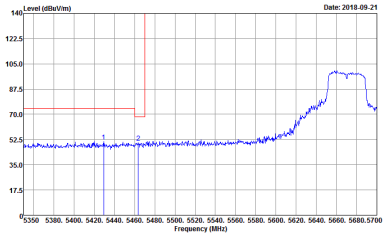
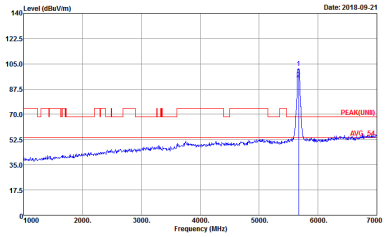
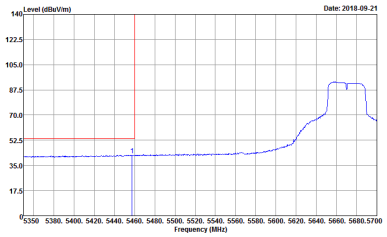
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

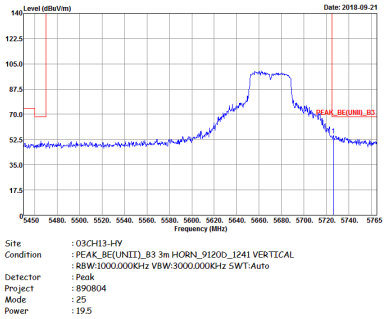
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 24 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 24 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 24 Power : 19.5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 24 Power : 19.5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

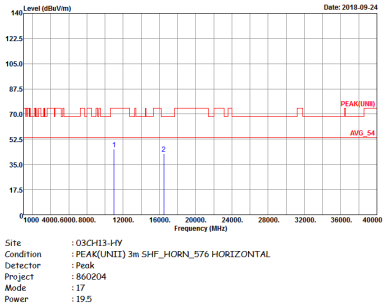
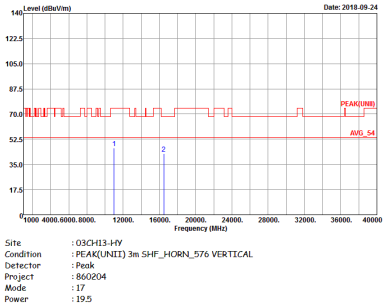
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

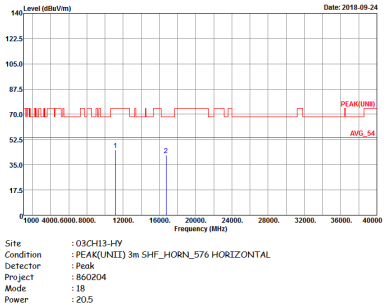
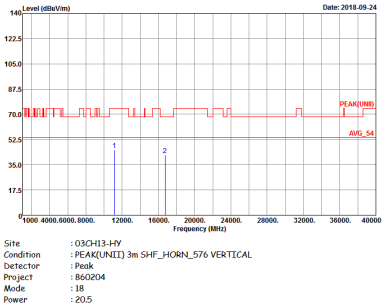
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 25 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 25 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890804 Mode : 25 Power : 19.5	Left blank

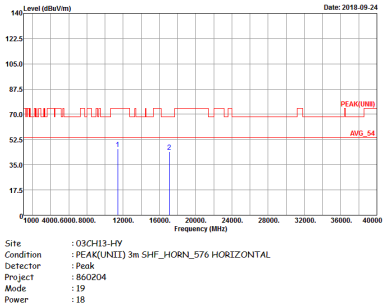
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

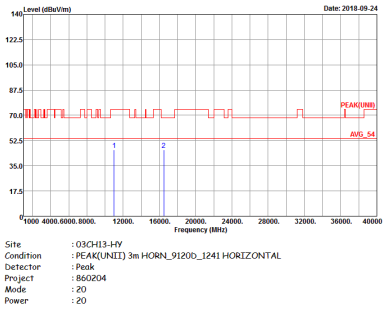
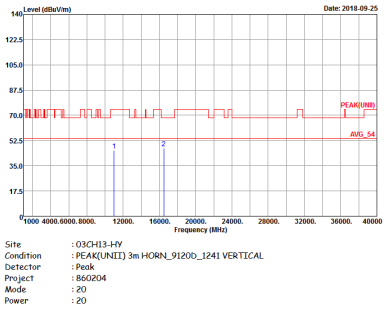
WIFI 802.11a (Harmonic @ 3m)

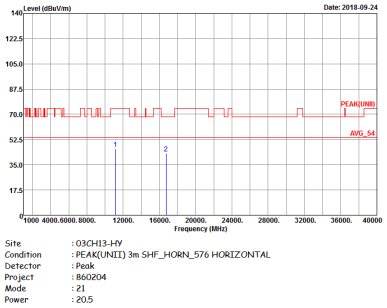
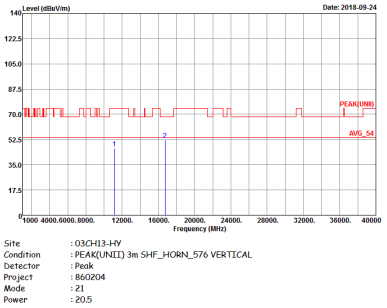
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

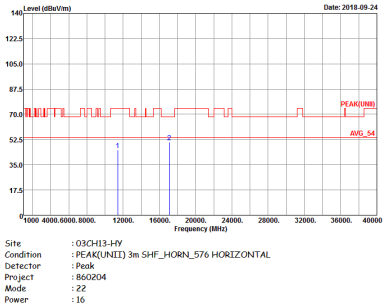
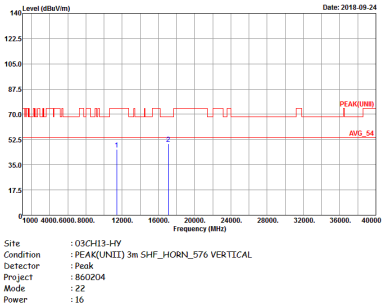
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 18 Power : 20.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 18 Power : 20.5

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 19 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 19 Power : 18

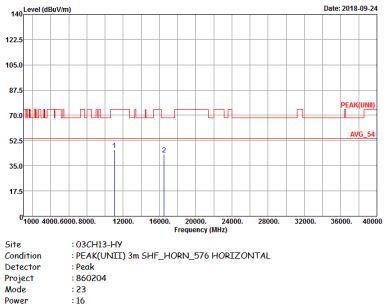
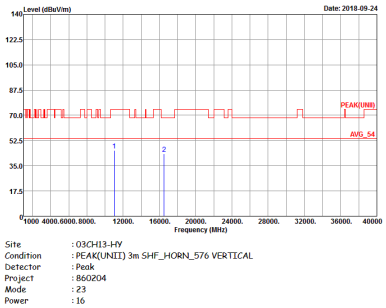
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

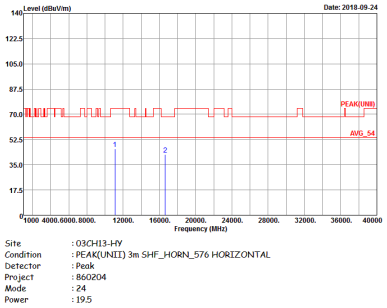
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

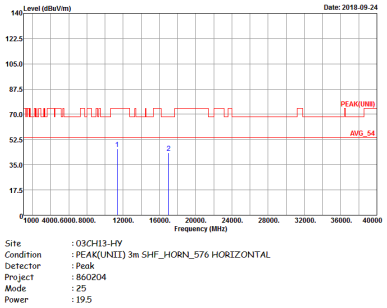
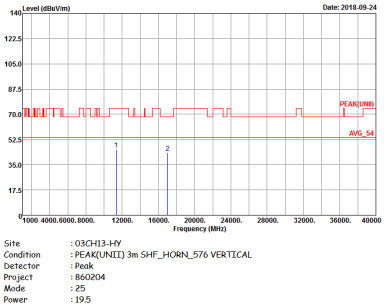
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 21 Power : 20.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 21 Power : 20.5

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 22 Power : 16	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 22 Power : 16

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

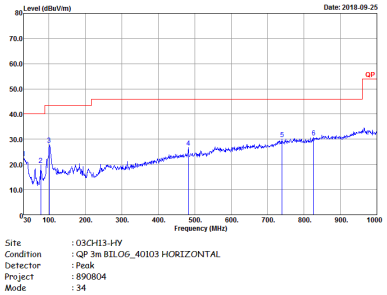
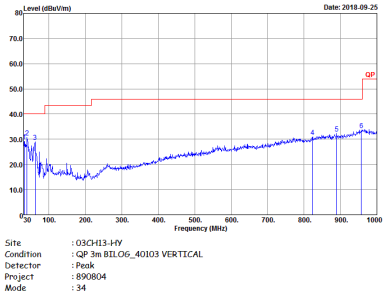
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 24 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 24 Power : 19.5

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 HORIZONTAL Detector : Peak Project : 860204 Mode : 25 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_576 VERTICAL Detector : Peak Project : 860204 Mode : 25 Power : 19.5

Emission below 1GHz

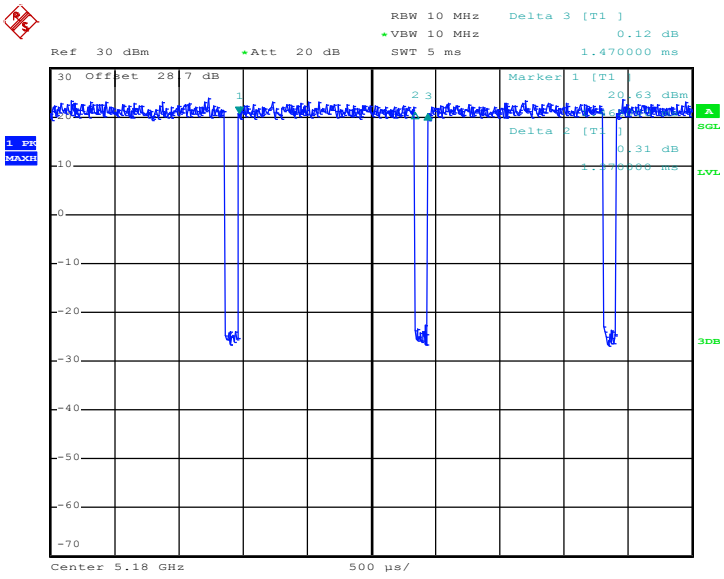
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak		

Appendix E. Duty Cycle Plots

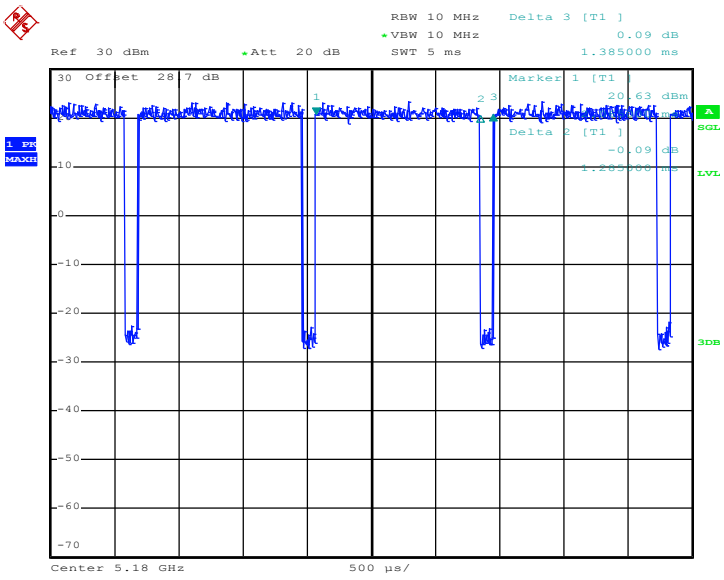
Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	93.20	1370	0.73	1kHz	0.31
5GHz 802.11n HT20	92.78	1285	0.78	1kHz	0.33
5GHz 802.11n HT40	92.75	640	1.56	3kHz	0.33

802.11a



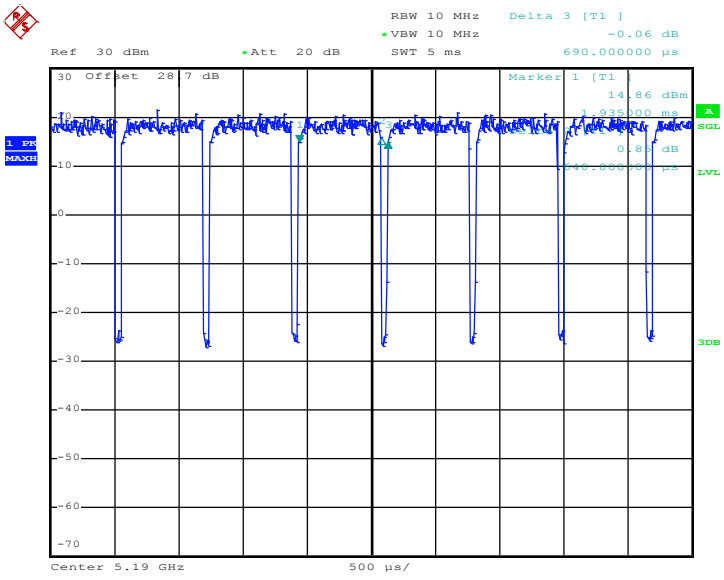
Date: 24.SEP.2018 09:28:02

802.11n HT20



Date: 24.SEP.2018 09:30:00

802.11n HT40



Date: 24.SEP.2018 09:32:19

THE END