



FCC RF Test Report

APPLICANT : SHARP CORPORATION
EQUIPMENT : Smart Phone
BRAND NAME : SHARP
MODEL NAME : X1
FCC ID : APYHRO00247
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure

The product was received on Apr. 01, 2017 and testing was completed on May 19, 2017. 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR740122E	Rev. 01	Initial issue of report	Jun. 09, 2017



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 15.403(i)	26dB & 99% Bandwidth	-	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm (depend on band)t	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm (depend on band)	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) 15.209(a)	Pass	Under limit 3.53 dB at 5146.900 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 6.10 dB at 0.782 MHz
3.6	15.407(g)	Frequency Stability	Within Operation Band	Pass	-
3.7	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.8	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-

1 General Description

1.1 Applicant

SHARP CORPORATION

Takumi-Cho, Sakai-Ku, Sakai-Shi, 2, Osaka 590-852, Japan

1.2 Manufacturer

SHARP CORPORATION

Takumi-Cho, Sakai-Ku, Sakai-Shi, 2, Osaka 590-852, Japan

1.3 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Sample 1	EUT with Memory 1
Sample 2	EUT with Memory 2
Antenna Type	WWAN: ILA Antenna WLAN: ILA Antenna Bluetooth: ILA Antenna GPS / Glonass : ILA Antenna NFC: Loop Antenna

1.4 Modification of EUT

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

1.5 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. 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, Hwa Ya 1 st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan 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.	
	03CH10-HY	

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

1.6 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 v01r04
- ♦ FCC KDB 644545 D03 Guidance for IEEE 802.11ac New Rules v01.
- ♦ 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 (X plane) were recorded in this report.

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

2.1 Carrier Frequency Channel

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

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

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

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

Note:

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

2.2 Test Mode

Final test mode of conducted test items and radiated spurious emissions 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
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Remark: All the tests were performed with sample 1.

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Link + WLAN (5GHz) Link + NFC On + Earphone + USB Cable (Charging from Adapter) for Sample 2

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

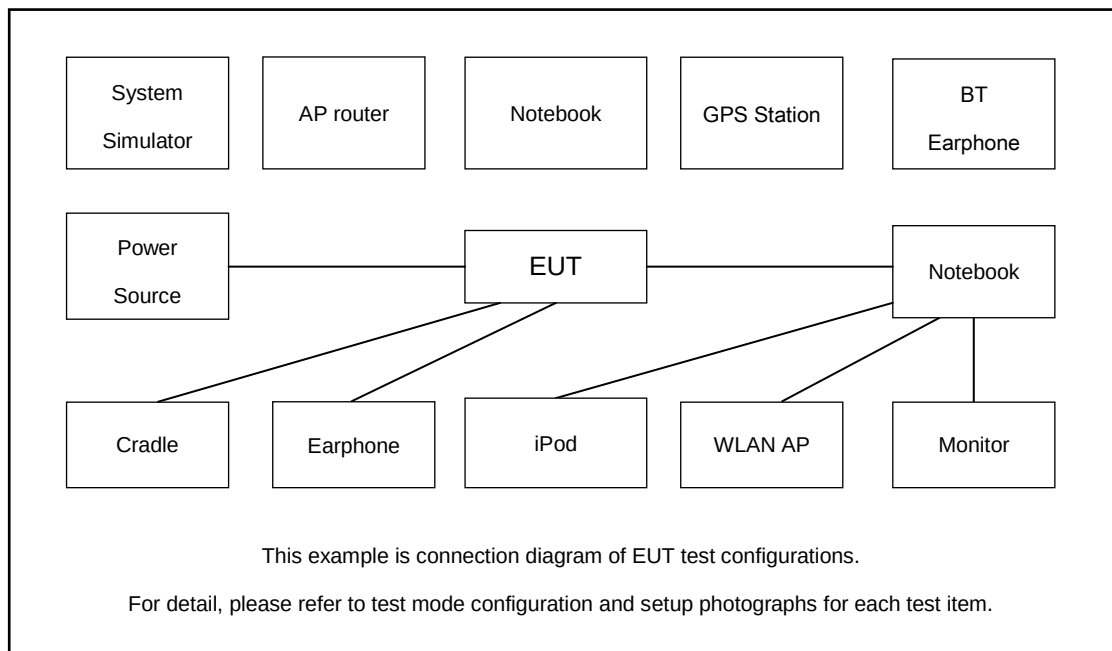
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

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

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, programmed RF utility, "Tera Term" installed in the notebook make the EUT provide functions like channel selection and power level for continuous transmitting and receiving signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

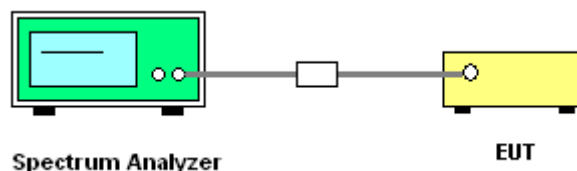
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04. 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 1MHz and set the Video bandwidth (VBW) $\geq 3 * \text{RBW}$.
8. Measure and record the results in the test report.

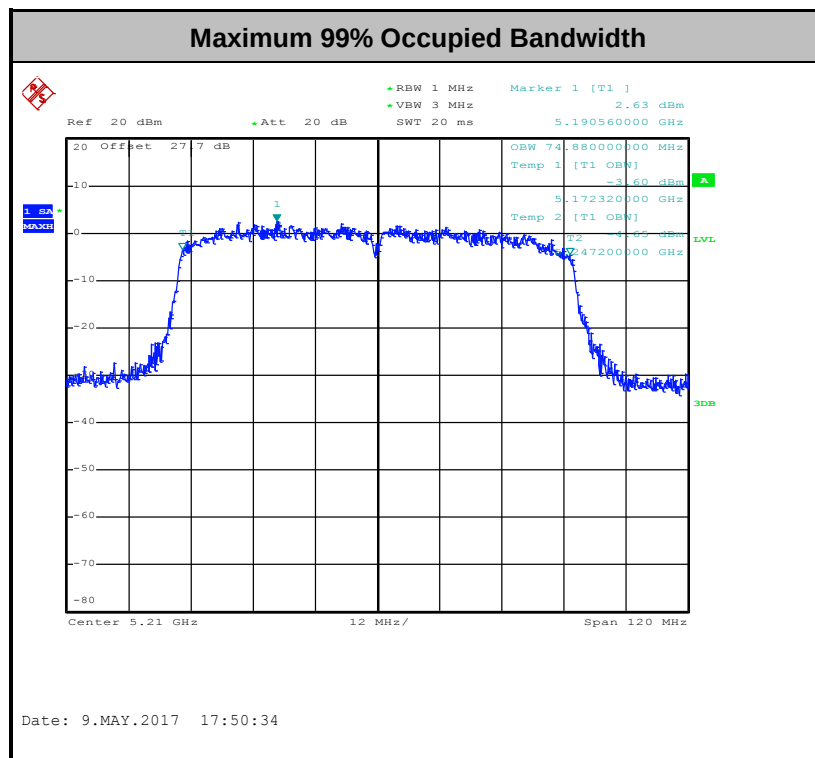
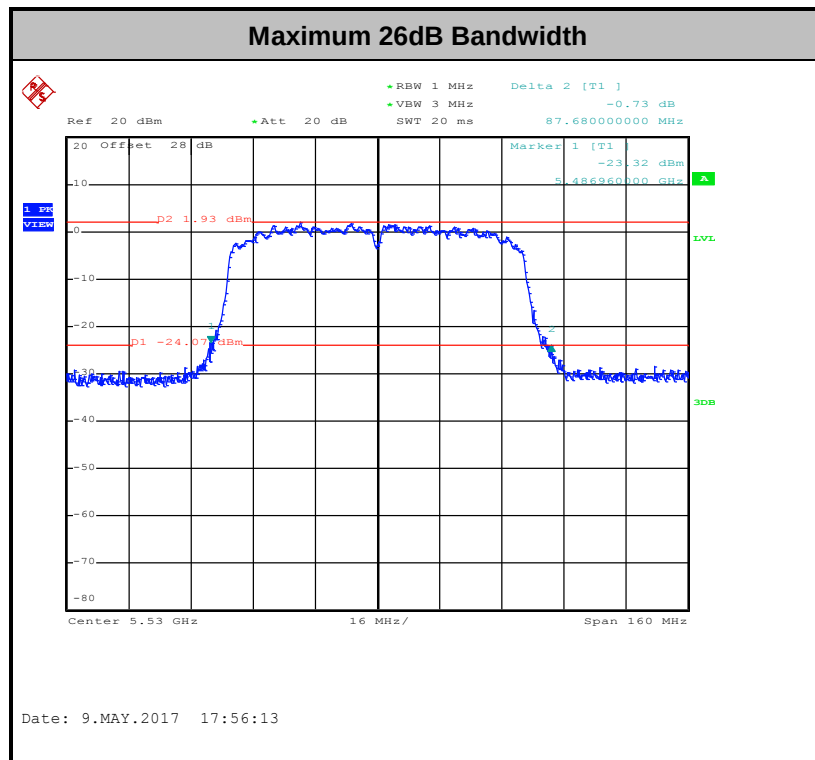
3.1.4 Test Setup





3.1.5 Test Result of 26dB & 99% Occupied Bandwidth Plots

Please refer to Appendix A.



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For 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 the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

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

The measuring equipment is listed in the section 4 of this test report.

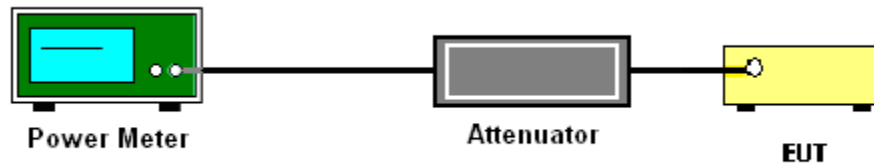
3.2.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04.

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 mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

For the 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz 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

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04.

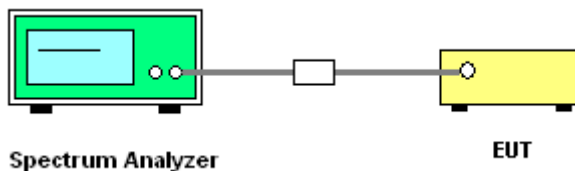
Section F) Maximum power spectral density.

Method SA-2

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

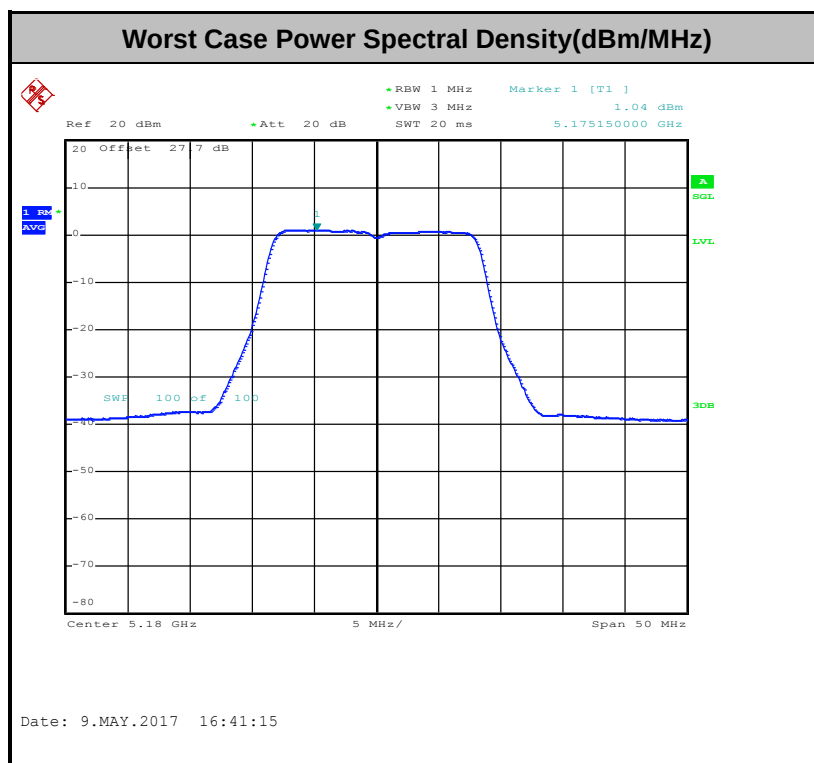
1. The testing follows Method SA-2 of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04.
 - Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = 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.
2. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
3. 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.



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

3.4 Unwanted Radiated Emission 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 5470-5725MHz band: all emissions outside of the 5470-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

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

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

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

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



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

(3) KDB789033 D02 v01r04 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

The measuring equipment is listed in the section 4 of this test report.



3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04.

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 $\geq$ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

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

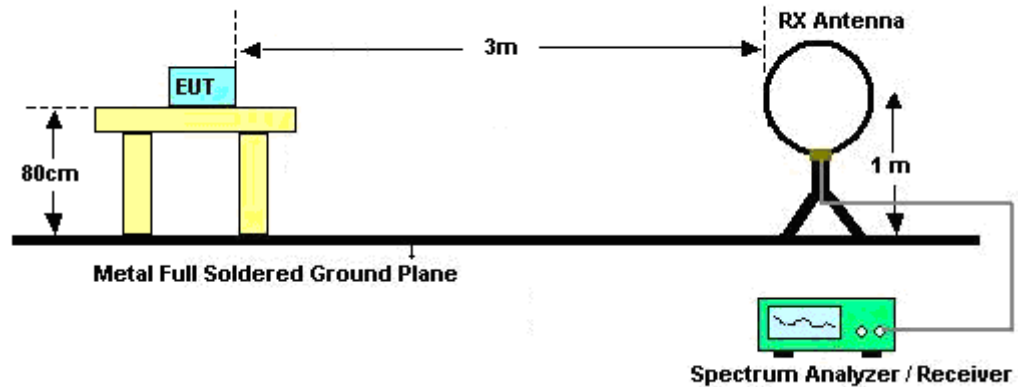
- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.



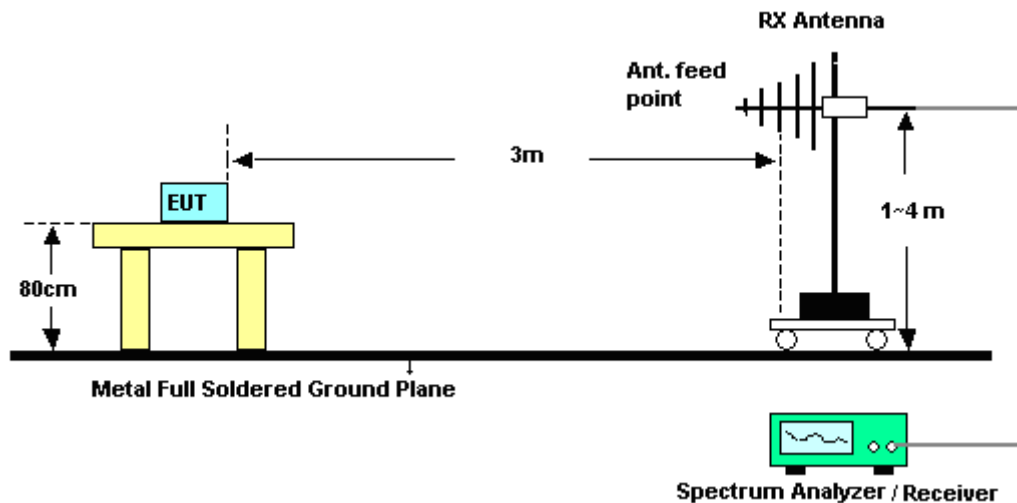
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

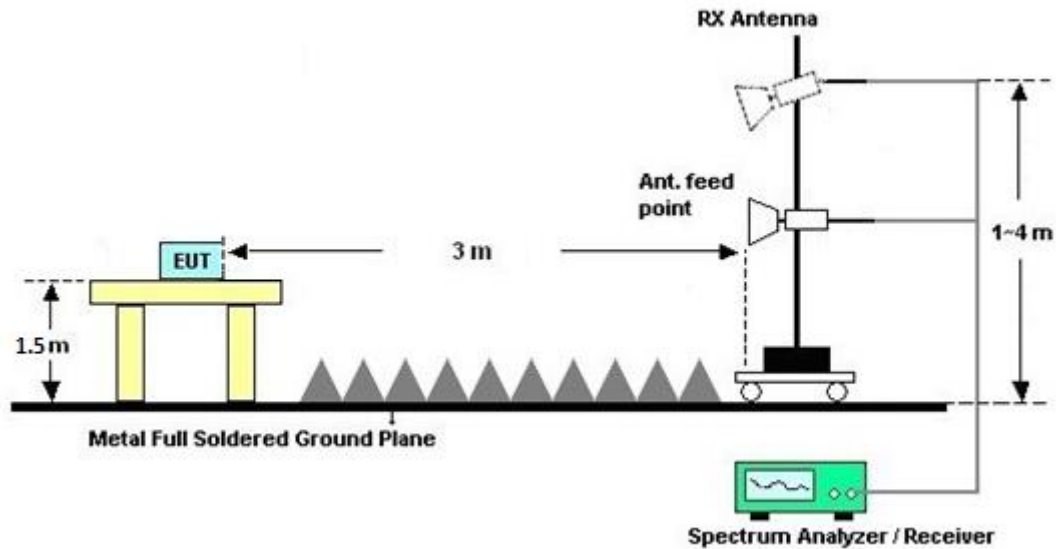
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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.

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 Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

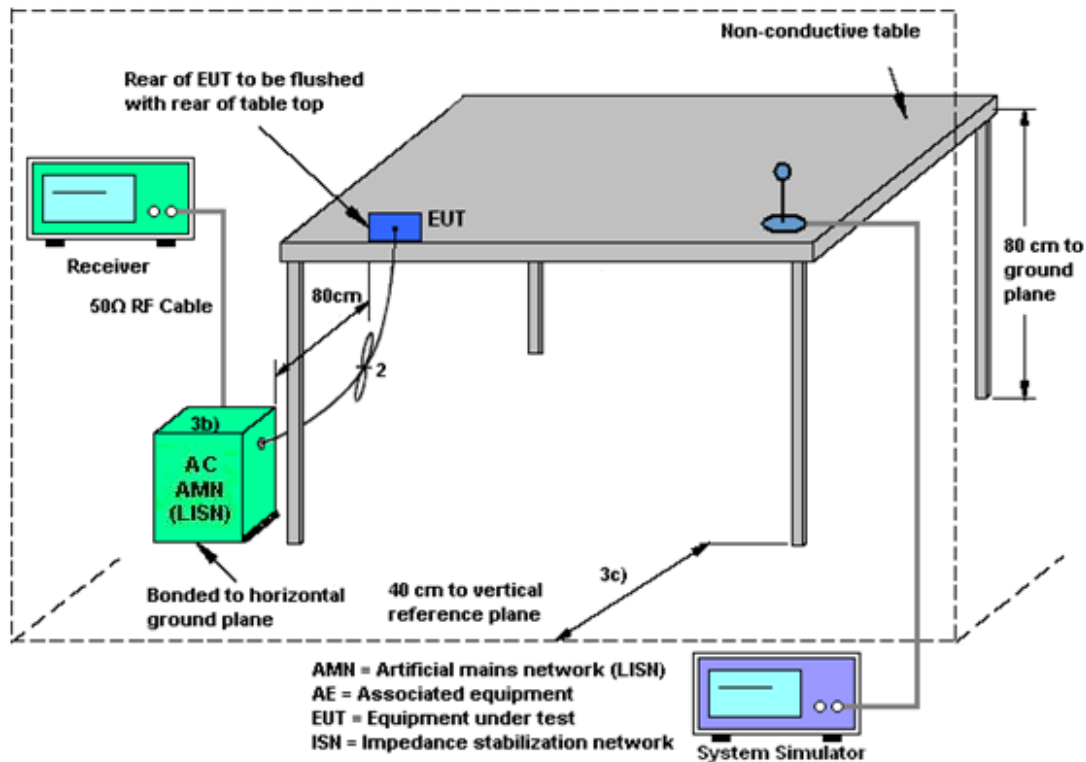
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 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 Frequency Stability Measurement

3.6.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

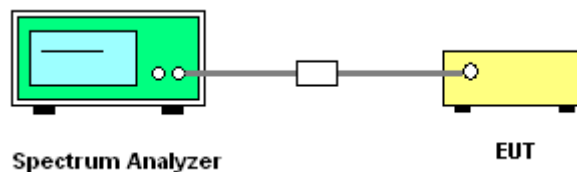
3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

1. To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
2. The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.
3. The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

3.6.4 Test Setup



3.6.5 Test Result of Frequency Stability

Please refer to Appendix A.



3.7 Automatically Discontinue Transmission

3.7.1 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.

3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.7.3 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.



3.8 Antenna Requirements

3.8.1 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.

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.8.3 Antenna Gain

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



4 List of Measuring Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	0932001	300MHz~40GHz	Sep. 29, 2016	May 04, 2017 ~ May 18, 2017	Sep. 28, 2017	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 29, 2016	May 04, 2017 ~ May 18, 2017	Sep. 28, 2017	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Jul. 17, 2016	May 04, 2017 ~ May 18, 2017	Jul. 16, 2017	Conducted (TH05-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 01, 2016	May 04, 2017 ~ May 18, 2017	Aug. 31, 2017	Conducted (TH05-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890094	1V~20V 0.5A~5A	Oct. 11, 2016	May 04, 2017 ~ May 18, 2017	Oct. 10, 2017	Conducted (TH05-HY)
AC Power Source	AC POWER	AFC-500W	F104070011	50Hz~60Hz	Dec 01.2016	May 04, 2017 ~ May 18, 2017	Nov 30 2017	Conducted (TH05-HY)
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 26, 2016	May 17, 2017 ~ May 19, 2017	Oct. 25, 2017	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	35413&02	30MHz~1GHz	Jan. 07, 2017	May 17, 2017 ~ May 19, 2017	Jan. 06, 2018	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1325	1GHz ~ 18GHz	Sep. 30, 2016	May 17, 2017 ~ May 19, 2017	Sep. 29, 2017	Radiation (03CH10-HY)
Preamplifier	Keysight	83017A	MY53270078	1GHz~26.5GHz	Oct. 26, 2016	May 17, 2017 ~ May 19, 2017	Oct. 25, 2017	Radiation (03CH10-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz ~ 44GHz	Oct. 17, 2016	May 17, 2017 ~ May 19, 2017	Oct. 16, 2017	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 17, 2017 ~ May 19, 2017	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	May 17, 2017 ~ May 19, 2017	N/A	Radiation (03CH10-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Oct. 20, 2016	May 17, 2017 ~ May 19, 2017	Oct. 19, 2018	Radiation (03CH10-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	N/A	Mar. 03, 2017	May 17, 2017 ~ May 19, 2017	Mar. 02, 2018	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz ~ 40GHz	Apr. 27, 2017	May 17, 2017 ~ May 19, 2017	Apr. 26, 2018	Radiation (03CH10-HY)
Preamplifier	MITEQ	JS44-1800400 0-33-8P	1840917	18GHz ~ 40GHz	Jun. 14, 2016	May 17, 2017 ~ May 19, 2017	Jun. 13, 2017	Radiation (03CH10-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800	2025787	1GHZ~18GHZ	Feb. 13, 2017	May 17, 2017 ~ May 19, 2017	Feb. 12, 2018	Radiation (03CH10-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 10, 2017	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	May 10, 2017	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 29, 2016	May 10, 2017	Nov. 28, 2017	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.7
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.9
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Appendix A. Conducted Test Results

Test Engineer:	Allen Lin	Temperature:	21~25	°C
Test Date:	2017/05/04~2017/05/18	Relative Humidity:	51~54	%

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	18.40		23.40		-		22.65		
11a	6Mbps	1	44	5220	18.25		23.25		-		22.61		
11a	6Mbps	1	48	5240	18.40		23.30		-		22.65		
HT20	MCS0	1	36	5180	19.10		24.20		-		22.81		
HT20	MCS0	1	44	5220	18.85		24.05		-		22.75		
HT20	MCS0	1	48	5240	19.00		24.00		-		22.79		
HT40	MCS0	1	38	5190	36.50		44.96		-		23.01		
HT40	MCS0	1	46	5230	36.40		45.72		-		23.01		
VHT80	MCS0	1	42	5210	74.88		85.10		-		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	0.06		12.81			24.00	24.00	0.90	0.00	Pass
11a	6Mbps	1	44	5220	0.06		12.48			24.00	24.00	0.90	0.00	Pass
11a	6Mbps	1	48	5240	0.06		12.71			24.00	24.00	0.90	0.00	Pass
HT20	MCS0	1	36	5180	0.10		12.63			24.00	24.00	0.90	0.00	Pass
HT20	MCS0	1	44	5220	0.10		12.54			24.00	24.00	0.90	0.00	Pass
HT20	MCS0	1	48	5240	0.10		12.59			24.00	24.00	0.90	0.00	Pass
HT40	MCS0	1	38	5190	0.10		12.20			24.00	24.00	0.90	0.00	Pass
HT40	MCS0	1	46	5230	0.10		12.15			24.00	24.00	0.90	0.00	Pass
VHT20	MCS0	1	36	5180	0.13		12.62			24.00	24.00	0.90	0.00	Pass
VHT20	MCS0	1	44	5220	0.13		12.53			24.00	24.00	0.90	0.00	Pass
VHT20	MCS0	1	48	5240	0.13		12.56			24.00	24.00	0.90	0.00	Pass
VHT40	MCS0	1	38	5190	0.21		12.17			24.00	24.00	0.90	0.00	Pass
VHT40	MCS0	1	46	5230	0.21		12.14			24.00	24.00	0.90	0.00	Pass
VHT80	MCS0	1	42	5210	0.37		11.12			24.00	24.00	0.90	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	0.06		1.10			11.00	11.00	0.90	0.00	Pass
11a	6Mbps	1	44	5220	0.06		0.77			11.00	11.00	0.90	0.00	Pass
11a	6Mbps	1	48	5240	0.06		0.66			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	36	5180	0.10		0.97			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	44	5220	0.10		0.17			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	48	5240	0.10		0.12			11.00	11.00	0.90	0.00	Pass
HT40	MCS0	1	38	5190	0.10		-2.63			11.00	11.00	0.90	0.00	Pass
HT40	MCS0	1	46	5230	0.10		-3.13			11.00	11.00	0.90	0.00	Pass
VHT80	MCS0	1	42	5210	0.37		-6.43			11.00	11.00	0.90	0.00	Pass

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	18.30		23.60		23.62		29.62		23.98		
11a	6Mbps	1	60	5300	18.20		23.80		23.60		29.60		23.98		
11a	6Mbps	1	64	5320	18.25		23.90		23.61		29.61		23.98		
HT20	MCS0	1	52	5260	19.05		24.30		23.80		29.80		23.98		
HT20	MCS0	1	60	5300	19.05		24.10		23.80		29.80		23.98		
HT20	MCS0	1	64	5320	19.15		24.20		23.82		29.82		23.98		
HT40	MCS0	1	54	5270	36.60		45.36		23.98		30.00		23.98		
HT40	MCS0	1	62	5310	36.50		45.54		23.98		30.00		23.98		
VHT80	MCS0	1	58	5290	74.88		87.36		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	0.06		12.60			23.98		0.90	0.00	26.99	Pass
11a	6Mbps	1	60	5300	0.06		12.47			23.98		0.90	0.00	26.99	Pass
11a	6Mbps	1	64	5320	0.06		12.73			23.98		0.90	0.00	26.99	Pass
HT20	MCS0	1	52	5260	0.10		12.61			23.98		0.90	0.00	26.99	Pass
HT20	MCS0	1	60	5300	0.10		12.62			23.98		0.90	0.00	26.99	Pass
HT20	MCS0	1	64	5320	0.10		12.74			23.98		0.90	0.00	26.99	Pass
HT40	MCS0	1	54	5270	0.10		12.05			23.98		0.90	0.00	26.99	Pass
HT40	MCS0	1	62	5310	0.10		12.09			23.98		0.90	0.00	26.99	Pass
VHT20	MCS0	1	52	5260	0.13		12.59			23.98		0.90	0.00	26.99	Pass
VHT20	MCS0	1	60	5300	0.13		12.61			23.98		0.90	0.00	26.99	Pass
VHT20	MCS0	1	64	5320	0.13		12.72			23.98		0.90	0.00	26.99	Pass
VHT40	MCS0	1	54	5270	0.21		12.04			23.98		0.90	0.00	26.99	Pass
VHT40	MCS0	1	62	5310	0.21		12.06			23.98		0.90	0.00	26.99	Pass
VHT80	MCS0	1	58	5290	0.37		11.09			23.98		0.90	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	0.06		0.65			11.00	11.00	0.90	0.00	Pass
11a	6Mbps	1	60	5300	0.06		0.58			11.00	11.00	0.90	0.00	Pass
11a	6Mbps	1	64	5320	0.06		0.79			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	52	5260	0.10		0.04			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	60	5300	0.10		-0.13			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	64	5320	0.10		0.03			11.00	11.00	0.90	0.00	Pass
HT40	MCS0	1	54	5270	0.10		-3.39			11.00	11.00	0.90	0.00	Pass
HT40	MCS0	1	62	5310	0.10		-3.33			11.00	11.00	0.90	0.00	Pass
VHT80	MCS0	1	58	5290	0.37		-6.59			11.00	11.00	0.90	0.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III															
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	100	5500	18.30		23.40		23.62		29.62		23.98		
11a	6Mbps	1	116	5580	18.35		23.30		23.64		29.64		23.98		
11a	6Mbps	1	140	5700	18.35		25.05		23.64		29.64		23.98		
HT20	MCS0	1	100	5500	19.05		24.00		23.80		29.80		23.98		
HT20	MCS0	1	116	5580	19.00		24.10		23.79		29.79		23.98		
HT20	MCS0	1	140	5700	19.05		24.20		23.80		29.80		23.98		
HT40	MCS0	1	102	5510	36.50		45.72		23.98		30.00		23.98		
HT40	MCS0	1	110	5550	36.50		45.45		23.98		30.00		23.98		
HT40	MCS0	1	134	5670	36.50		45.99		23.98		30.00		23.98		
VHT80	MCS0	1	106	5530	74.76		87.68		23.98		30.00		23.98		
VHT80	MCS0	1	122	5610	74.76		85.44		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	0.06		11.28			23.98		0.90	0.00	26.99	Pass
11a	6Mbps	1	116	5580	0.06		11.23			23.98		0.90	0.00	26.99	Pass
11a	6Mbps	1	140	5700	0.06		10.54			23.98		0.90	0.00	26.99	Pass
HT20	MCS0	1	100	5500	0.10		11.34			23.98		0.90	0.00	26.99	Pass
HT20	MCS0	1	116	5580	0.10		11.35			23.98		0.90	0.00	26.99	Pass
HT20	MCS0	1	140	5700	0.10		10.67			23.98		0.90	0.00	26.99	Pass
HT40	MCS0	1	102	5510	0.10		11.12			23.98		0.90	0.00	26.99	Pass
HT40	MCS0	1	110	5550	0.10		11.10			23.98		0.90	0.00	26.99	Pass
HT40	MCS0	1	134	5670	0.10		10.32			23.98		0.90	0.00	26.99	Pass
VHT20	MCS0	1	100	5500	0.13		11.33			23.98		0.90	0.00	26.99	Pass
VHT20	MCS0	1	116	5580	0.13		11.31			23.98		0.90	0.00	26.99	Pass
VHT20	MCS0	1	140	5700	0.13		10.65			23.98		0.90	0.00	26.99	Pass
VHT40	MCS0	1	102	5510	0.21		11.11			23.98		0.90	0.00	26.99	Pass
VHT40	MCS0	1	110	5550	0.21		11.07			23.98		0.90	0.00	26.99	Pass
VHT40	MCS0	1	134	5670	0.21		10.31			23.98		0.90	0.00	26.99	Pass
VHT80	MCS0	1	106	5530	0.37		10.19			23.98		0.90	0.00	26.99	Pass
VHT80	MCS0	1	122	5610	0.37		10.01			23.98		0.90	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	0.06		-0.12			11.00	11.00	0.90	0.00	Pass
11a	6Mbps	1	116	5580	0.06		0.09			11.00	11.00	0.90	0.00	Pass
11a	6Mbps	1	140	5700	0.06		-1.33			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	100	5500	0.10		-0.70			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	116	5580	0.10		-0.69			11.00	11.00	0.90	0.00	Pass
HT20	MCS0	1	140	5700	0.10		-1.91			11.00	11.00	0.90	0.00	Pass
HT40	MCS0	1	102	5510	0.10		-4.00			11.00	11.00	0.90	0.00	Pass
HT40	MCS0	1	110	5550	0.10		-3.73			11.00	11.00	0.90	0.00	Pass
HT40	MCS0	1	134	5670	0.10		-4.91			11.00	11.00	0.90	0.00	Pass
VHT80	MCS0	1	106	5530	0.37		-6.87			11.00	11.00	0.90	0.00	Pass
VHT80	MCS0	1	122	5610	0.37		-7.04			11.00	11.00	0.90	0.00	Pass

TEST RESULTS DATA
Frequency Stability

Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	36	5180	5179.975	-0.025	-4.83	50	4	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	-30	4	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	20	4	
11a	6Mbps	1	36	5180	5179.925	-0.075	-14.48	20	3.7	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	20	4	

Band II										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	50	4	
11a	6Mbps	1	64	5320	5320.000	0.000	0.00	-30	4	
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	20	4	
11a	6Mbps	1	64	5320	5319.925	-0.075	-14.10	20	3.7	
11a	6Mbps	1	64	5320	5319.925	-0.075	-14.10	20	4	

Band III										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	50	4	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	-30	4	
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	20	4	
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	20	3.7	
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	20	4	



Appendix B. AC Conducted Emission Test Results

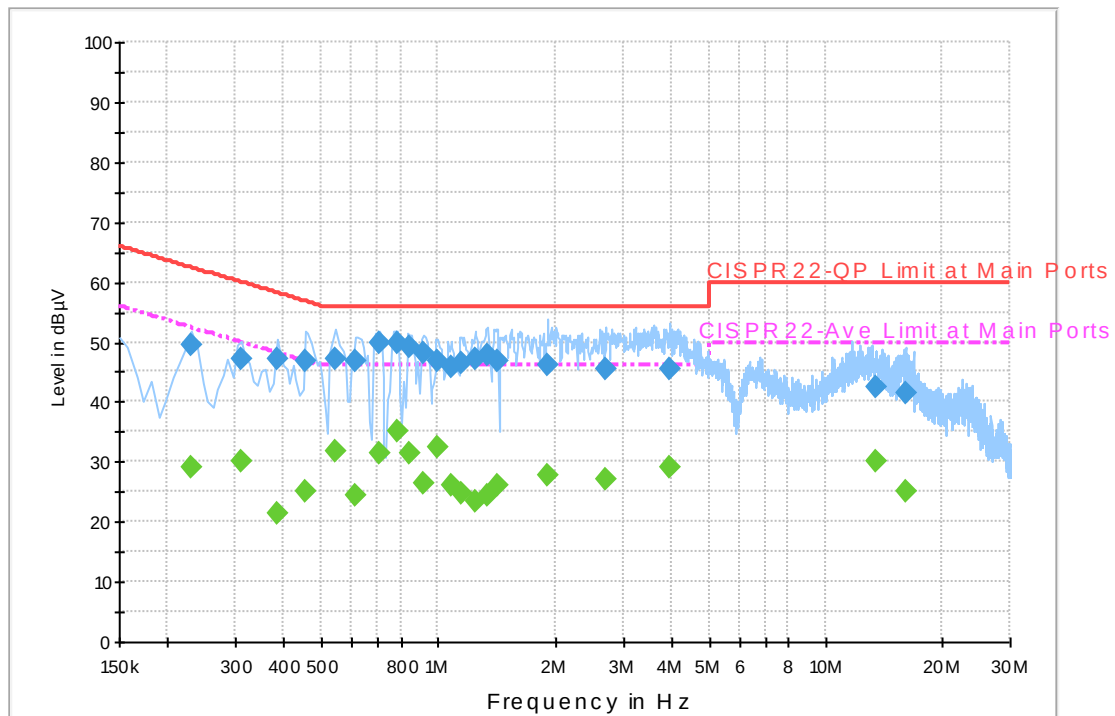
Test Engineer :	Eric Jeng	Temperature :	23~25℃
		Relative Humidity :	52~54%

EUT Information

Report NO : 740122

Test Voltage : 120Vac/60Hz
Phase : Line

ENV216 Auto Test FCC Power Bar - L



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.230000	49.5	Off	L1	19.6	12.9	62.4
0.310000	47.3	Off	L1	19.6	12.7	60.0
0.382000	47.0	Off	L1	19.6	11.2	58.2
0.454000	46.7	Off	L1	19.6	10.1	56.8
0.542000	47.2	Off	L1	19.6	8.8	56.0
0.614000	46.8	Off	L1	19.6	9.2	56.0
0.702000	49.7	Off	L1	19.6	6.3	56.0
0.782000	49.9	Off	L1	19.6	6.1	56.0
0.846000	49.0	Off	L1	19.6	7.0	56.0
0.918000	48.2	Off	L1	19.6	7.8	56.0
0.998000	46.9	Off	L1	19.6	9.1	56.0
1.078000	45.9	Off	L1	19.6	10.1	56.0
1.150000	46.4	Off	L1	19.6	9.6	56.0
1.246000	47.1	Off	L1	19.6	8.9	56.0
1.342000	48.0	Off	L1	19.6	8.0	56.0
1.422000	46.8	Off	L1	19.6	9.2	56.0
1.918000	46.2	Off	L1	19.6	9.8	56.0
2.710000	45.5	Off	L1	19.4	10.5	56.0
3.974000	45.6	Off	L1	19.7	10.4	56.0
13.558000	42.4	Off	L1	20.2	17.6	60.0
16.062000	41.5	Off	L1	20.4	18.5	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.230000	29.2	Off	L1	19.6	23.2	52.4
0.310000	30.2	Off	L1	19.6	19.8	50.0
0.382000	21.3	Off	L1	19.6	26.9	48.2
0.454000	25.1	Off	L1	19.6	21.7	46.8
0.542000	31.7	Off	L1	19.6	14.3	46.0
0.614000	24.3	Off	L1	19.6	21.7	46.0
0.702000	31.6	Off	L1	19.6	14.4	46.0
0.782000	35.1	Off	L1	19.6	10.9	46.0
0.846000	31.4	Off	L1	19.6	14.6	46.0
0.918000	26.3	Off	L1	19.6	19.7	46.0
0.998000	32.6	Off	L1	19.6	13.4	46.0
1.078000	26.2	Off	L1	19.6	19.8	46.0
1.150000	24.6	Off	L1	19.6	21.4	46.0
1.246000	23.4	Off	L1	19.6	22.6	46.0
1.342000	24.6	Off	L1	19.6	21.4	46.0
1.422000	26.2	Off	L1	19.6	19.8	46.0
1.918000	27.8	Off	L1	19.6	18.2	46.0
2.710000	27.2	Off	L1	19.4	18.8	46.0
3.974000	29.2	Off	L1	19.7	16.8	46.0
13.558000	30.1	Off	L1	20.2	19.9	50.0
16.062000	25.2	Off	L1	20.4	24.8	50.0

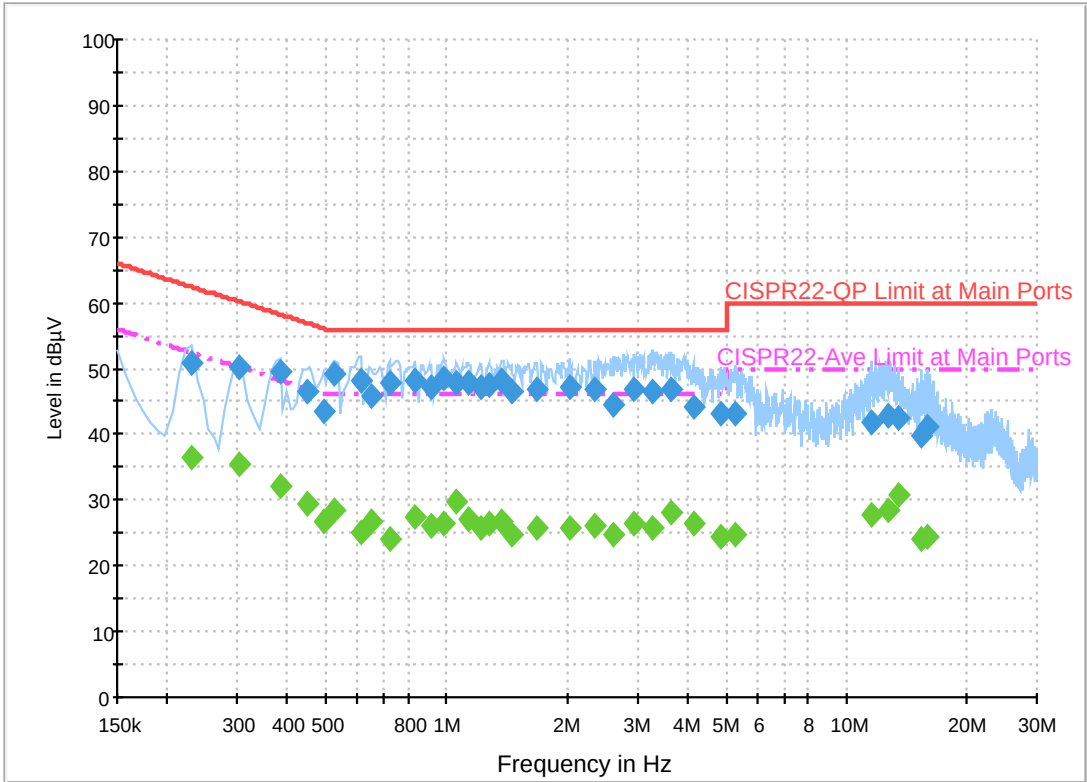
EUT Information

Report NO : 740122

Test Voltage : 120Vac/60Hz

Phase : Neutral

ENV216 Auto Test FCC Power Bar - N



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.230000	50.7	Off	N	19.5	11.7	62.4
0.302000	50.1	Off	N	19.5	10.1	60.2
0.382000	49.4	Off	N	19.5	8.8	58.2
0.446000	46.5	Off	N	19.5	10.4	56.9
0.494000	43.6	Off	N	19.5	12.5	56.1
0.526000	49.3	Off	N	19.5	6.8	56.0
0.614000	48.2	Off	N	19.5	7.8	56.0
0.646000	45.9	Off	N	19.5	10.1	56.0
0.718000	47.8	Off	N	19.5	8.2	56.0
0.838000	48.3	Off	N	19.6	7.7	56.0
0.918000	47.0	Off	N	19.5	9.0	56.0
0.990000	48.5	Off	N	19.6	7.5	56.0
1.062000	47.9	Off	N	19.6	8.1	56.0
1.134000	47.8	Off	N	19.6	8.2	56.0
1.222000	47.1	Off	N	19.6	8.9	56.0
1.278000	47.6	Off	N	19.6	8.4	56.0
1.366000	48.1	Off	N	19.6	7.9	56.0
1.454000	46.6	Off	N	19.6	9.4	56.0
1.678000	46.7	Off	N	19.6	9.3	56.0
2.030000	47.0	Off	N	19.6	9.0	56.0
2.350000	46.9	Off	N	19.0	9.1	56.0
2.614000	44.6	Off	N	19.3	11.4	56.0
2.942000	46.8	Off	N	19.5	9.2	56.0

Frequency (MHz)	QuasiPeak (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
3.294000	46.5	Off	N	19.6	9.5	56.0
3.646000	46.7	Off	N	19.7	9.3	56.0
4.166000	44.3	Off	N	19.7	11.7	56.0
4.846000	43.1	Off	N	19.7	13.0	56.0
5.270000	43.2	Off	N	19.8	16.8	60.0
11.606000	41.8	Off	N	20.2	18.2	60.0
12.774000	42.9	Off	N	20.2	17.1	60.0
13.558000	42.5	Off	N	20.3	17.5	60.0
15.414000	39.8	Off	N	20.4	20.2	60.0
15.942000	41.2	Off	N	20.4	18.8	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.230000	36.4	Off	N	19.5	16.0	52.4
0.302000	35.6	Off	N	19.5	14.6	50.2
0.382000	32.1	Off	N	19.5	16.1	48.2
0.446000	29.3	Off	N	19.5	17.6	46.9
0.494000	26.6	Off	N	19.5	19.5	46.1
0.526000	28.6	Off	N	19.5	17.4	46.0
0.614000	25.2	Off	N	19.5	20.8	46.0
0.646000	26.8	Off	N	19.5	19.2	46.0
0.718000	24.0	Off	N	19.5	22.0	46.0
0.838000	27.3	Off	N	19.6	18.7	46.0
0.918000	26.2	Off	N	19.5	19.8	46.0
0.990000	26.3	Off	N	19.6	19.7	46.0
1.062000	29.8	Off	N	19.6	16.2	46.0
1.134000	27.0	Off	N	19.6	19.0	46.0
1.222000	25.7	Off	N	19.6	20.3	46.0
1.278000	26.5	Off	N	19.6	19.5	46.0
1.366000	26.8	Off	N	19.6	19.2	46.0
1.454000	24.6	Off	N	19.6	21.4	46.0
1.678000	25.9	Off	N	19.6	20.1	46.0
2.030000	25.6	Off	N	19.6	20.4	46.0
2.350000	26.1	Off	N	19.0	19.9	46.0
2.614000	24.9	Off	N	19.3	21.1	46.0
2.942000	26.4	Off	N	19.5	19.6	46.0
3.294000	25.7	Off	N	19.6	20.3	46.0
3.646000	28.0	Off	N	19.7	18.0	46.0
4.166000	26.6	Off	N	19.7	19.4	46.0
4.846000	24.5	Off	N	19.7	21.5	46.0
5.270000	24.7	Off	N	19.8	25.3	50.0
11.606000	27.6	Off	N	20.2	22.4	50.0
12.774000	28.6	Off	N	20.2	21.4	50.0
13.558000	30.9	Off	N	20.3	19.1	50.0
15.414000	24.2	Off	N	20.4	25.8	50.0
15.942000	24.4	Off	N	20.4	25.6	50.0



Appendix C. Radiated Spurious Emission

Test Engineer :	Tsung Lee, Stan Hsieh, and Kyle Chuang	Temperature :	22~24°C
		Relative Humidity :	45~47%

Band 1 - 5150~5250MHz WIFI 802.11a (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5127.92	51.02	-22.98	74	44.46	32.5	6.6	32.54	107	121	P	H
		5127.92	44.56	-9.44	54	38	32.5	6.6	32.54	107	121	A	H
	*	5180	106.24	-	-	99.64	32.5	6.64	32.54	107	121	P	H
	*	5180	98.69	-	-	92.09	32.5	6.64	32.54	107	121	A	H
													H
													H
		5128.44	47.42	-26.58	74	40.86	32.5	6.6	32.54	400	99	P	V
		5127.66	40.7	-13.3	54	34.14	32.5	6.6	32.54	400	99	A	V
	*	5180	103.88	-	-	97.28	32.5	6.64	32.54	400	99	P	V
	*	5180	96.57	-	-	89.97	32.5	6.64	32.54	400	99	A	V
													V
													V
802.11a CH 44 5220MHz		5023.66	49.9	-24.1	74	43.41	32.5	6.52	32.53	100	118	P	H
		5034.84	38.86	-15.14	54	32.35	32.5	6.54	32.53	100	118	A	H
	*	5220	105.57	-	-	98.94	32.5	6.67	32.54	100	118	P	H
	*	5220	98.32	-	-	91.69	32.5	6.67	32.54	100	118	A	H
		5404	48.38	-25.62	74	41.61	32.5	6.82	32.55	100	118	P	H
		5408.76	37.47	-16.53	54	30.7	32.5	6.82	32.55	100	118	A	H
		5038.22	48.2	-25.8	74	41.69	32.5	6.54	32.53	354	107	P	V
		5118.56	38.19	-15.81	54	31.64	32.5	6.59	32.54	354	107	A	V
	*	5220	104.1	-	-	97.47	32.5	6.67	32.54	354	107	P	V
	*	5220	96.9	-	-	90.27	32.5	6.67	32.54	354	107	A	V
		5383.28	46.63	-27.37	74	39.88	32.5	6.8	32.55	354	107	P	V
		5455.52	37.43	-16.57	54	30.62	32.5	6.86	32.55	354	107	A	V



802.11a CH 48 5240MHz		5027.82	48.19	-25.81	74	41.7	32.5	6.52	32.53	100	117	P	H
		5043.94	38.72	-15.28	54	32.21	32.5	6.54	32.53	100	117	A	H
	*	5240	105.83	-	-	99.19	32.5	6.68	32.54	100	117	P	H
	*	5240	98.62	-	-	91.98	32.5	6.68	32.54	100	117	A	H
		5376.56	46.39	-27.61	74	39.64	32.5	6.8	32.55	100	117	P	H
		5429.2	37.43	-16.57	54	30.65	32.5	6.83	32.55	100	117	A	H
		5056.16	47.45	-26.55	74	40.93	32.5	6.55	32.53	389	84	P	V
		5102.96	38	-16	54	31.46	32.5	6.57	32.53	389	84	A	V
	*	5240	104.5	-	-	97.86	32.5	6.68	32.54	389	84	P	V
	*	5240	96.95	-	-	90.31	32.5	6.68	32.54	389	84	A	V
		5452.44	46.58	-27.42	74	39.77	32.5	6.86	32.55	389	84	P	V
		5387.76	37.22	-16.78	54	30.47	32.5	6.8	32.55	389	84	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	44.89	-29.11	74	60.35	38.87	10.33	65.2	100	0	P	H
		15540	45.3	-28.7	74	56.43	38.49	13.6	63.98	100	0	P	H
													H
													H
		10360	45.79	-28.21	74	61.25	38.87	10.33	65.2	100	0	P	V
		15540	45.45	-28.55	74	56.58	38.49	13.6	63.98	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	44.04	-29.96	74	59.48	38.93	10.29	65.2	100	0	P	H
		15660	44.56	-29.44	74	55.89	38.44	13.72	64.24	100	0	P	H
													H
													H
		10440	44.81	-29.19	74	60.25	38.93	10.29	65.2	100	0	P	V
		15660	45.24	-28.76	74	56.57	38.44	13.72	64.24	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	45.7	-28.3	74	61.12	38.98	10.26	65.2	100	0	P	H
		15720	46.22	-27.78	74	57.69	38.41	13.77	64.39	100	0	P	H
													H
													H
		10480	44.95	-29.05	74	60.37	38.98	10.26	65.2	100	0	P	V
		15720	44.58	-29.42	74	56.05	38.41	13.77	64.39	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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5128.96	53.14	-20.86	74	46.58	32.5	6.6	32.54	100	119	P	H
		5128.44	46.73	-7.27	54	40.17	32.5	6.6	32.54	100	119	A	H
	*	5180	106.86	-	-	100.26	32.5	6.64	32.54	100	119	P	H
	*	5180	99.09	-	-	92.49	32.5	6.64	32.54	100	119	A	H
													H
													H
		5127.66	48.75	-25.25	74	42.19	32.5	6.6	32.54	399	93	P	V
		5128.44	42.64	-11.36	54	36.08	32.5	6.6	32.54	399	93	A	V
	*	5180	104.13	-	-	97.53	32.5	6.64	32.54	399	93	P	V
	*	5180	96.34	-	-	89.74	32.5	6.64	32.54	399	93	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5113.88	48.54	-25.46	74	41.98	32.5	6.59	32.53	100	117	P	H
		5026.78	39.64	-14.36	54	33.15	32.5	6.52	32.53	100	117	A	H
	*	5220	106.23	-	-	99.6	32.5	6.67	32.54	100	117	P	H
	*	5220	98.52	-	-	91.89	32.5	6.67	32.54	100	117	A	H
		5361.44	47.62	-26.38	74	40.87	32.5	6.79	32.54	100	117	P	H
		5429.76	38.34	-15.66	54	31.56	32.5	6.83	32.55	100	117	A	H
		5096.46	47.61	-26.39	74	41.07	32.5	6.57	32.53	349	94	P	V
		5091.52	38.76	-15.24	54	32.22	32.5	6.57	32.53	349	94	A	V
	*	5220	104.05	-	-	97.42	32.5	6.67	32.54	349	94	P	V
	*	5220	96.53	-	-	89.9	32.5	6.67	32.54	349	94	A	V
		5353.32	47.52	-26.48	74	40.79	32.5	6.77	32.54	349	94	P	V
		5454.12	37.98	-16.02	54	31.17	32.5	6.86	32.55	349	94	A	V



802.11n HT20 CH 48 5240MHz		5041.86	47.67	-26.33	74	41.16	32.5	6.54	32.53	100	116	P	H
		5053.82	39.59	-14.41	54	33.07	32.5	6.55	32.53	100	116	A	H
	*	5240	106.79	-	-	100.15	32.5	6.68	32.54	100	116	P	H
	*	5240	98.19	-	-	91.55	32.5	6.68	32.54	100	116	A	H
		5350.52	48.52	-25.48	74	41.79	32.5	6.77	32.54	100	116	P	H
		5404.28	38.41	-15.59	54	31.64	32.5	6.82	32.55	100	116	A	H
		5148.72	47.22	-26.78	74	40.65	32.5	6.61	32.54	390	83	P	V
		5099.32	38.85	-15.15	54	32.31	32.5	6.57	32.53	390	83	A	V
	*	5240	104.93	-	-	98.29	32.5	6.68	32.54	390	83	P	V
	*	5240	96.68	-	-	90.04	32.5	6.68	32.54	390	83	A	V
		5450.48	46.34	-27.66	74	39.53	32.5	6.86	32.55	390	83	P	V
		5431.72	38.19	-15.81	54	31.4	32.5	6.84	32.55	390	83	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. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	44	-30	74	59.46	38.87	10.33	65.2	100	0	P	H
		15540	43.68	-30.32	74	54.81	38.49	13.6	63.98	100	0	P	H
													H
													H
		10360	43.54	-30.46	74	59	38.87	10.33	65.2	100	0	P	V
		15540	43.84	-30.16	74	54.97	38.49	13.6	63.98	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	45.27	-28.73	74	60.71	38.93	10.29	65.2	100	0	P	H
		15660	45.45	-28.55	74	56.78	38.44	13.72	64.24	100	0	P	H
													H
													H
		10440	43.53	-30.47	74	58.97	38.93	10.29	65.2	100	0	P	V
		15660	44.29	-29.71	74	55.62	38.44	13.72	64.24	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	45.83	-28.17	74	61.25	38.98	10.26	65.2	100	0	P	H
		15720	45.93	-28.07	74	57.4	38.41	13.77	64.39	100	0	P	H
													H
													H
		10480	46.56	-27.44	74	61.98	38.98	10.26	65.2	100	0	P	V
		15720	46.43	-27.57	74	57.9	38.41	13.77	64.39	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)	Cable 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	55.87	-18.13	74	49.3	32.5	6.61	32.54	100	116	P	H
		5150	48.4	-5.6	54	41.83	32.5	6.61	32.54	100	116	A	H
	*	5190	104.17	-	-	97.57	32.5	6.64	32.54	100	116	P	H
	*	5190	96.03	-	-	89.43	32.5	6.64	32.54	100	116	A	H
		5426.12	46.8	-27.2	74	40.02	32.5	6.83	32.55	100	116	P	H
		5364.52	38.21	-15.79	54	31.46	32.5	6.79	32.54	100	116	A	H
		5148.2	51.02	-22.98	74	44.45	32.5	6.61	32.54	399	92	P	V
		5149.76	44.15	-9.85	54	37.58	32.5	6.61	32.54	399	92	A	V
	*	5190	101.89	-	-	95.29	32.5	6.64	32.54	399	92	P	V
	*	5190	92.72	-	-	86.12	32.5	6.64	32.54	399	92	A	V
		5351.08	46.19	-27.81	74	39.46	32.5	6.77	32.54	399	92	P	V
		5453.56	37.96	-16.04	54	31.15	32.5	6.86	32.55	399	92	A	V
802.11n HT40 CH 46 5230MHz		5127.4	49.88	-24.12	74	43.32	32.5	6.6	32.54	100	116	P	H
		5127.14	42.41	-11.59	54	35.85	32.5	6.6	32.54	100	116	A	H
	*	5230	103.63	-	-	97	32.5	6.67	32.54	100	116	P	H
	*	5230	95.84	-	-	89.21	32.5	6.67	32.54	100	116	A	H
		5359.76	45.95	-28.05	74	39.2	32.5	6.79	32.54	100	116	P	H
		5443.76	38.22	-15.78	54	31.43	32.5	6.84	32.55	100	116	A	H
		5127.4	48.39	-25.61	74	41.83	32.5	6.6	32.54	388	84	P	V
		5127.66	40.32	-13.68	54	33.76	32.5	6.6	32.54	388	84	A	V
	*	5230	100.25	-	-	93.62	32.5	6.67	32.54	388	84	P	V
	*	5230	92.89	-	-	86.26	32.5	6.67	32.54	388	84	A	V
		5383.28	46.49	-27.51	74	39.74	32.5	6.8	32.55	388	84	P	V
		5387.2	38.11	-15.89	54	31.36	32.5	6.8	32.55	388	84	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. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	45.7	-28.3	74	61.16	38.88	10.32	65.2	100	0	P	H
		15570	45.71	-28.29	74	56.9	38.47	13.64	64.05	100	0	P	H
													H
													H
		10380	45.66	-28.34	74	61.12	38.88	10.32	65.2	100	0	P	V
		15570	44.76	-29.24	74	55.95	38.47	13.64	64.05	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	45.28	-28.72	74	60.71	38.95	10.28	65.2	100	0	P	H
		15690	46.89	-27.11	74	58.31	38.42	13.74	64.32	100	0	P	H
													H
													H
		10460	45.44	-28.56	74	60.87	38.95	10.28	65.2	100	0	P	V
		15690	46.4	-27.6	74	57.82	38.42	13.74	64.32	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 802.11ac VHT80 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5121.68	56.57	-17.43	74	50.02	32.5	6.59	32.54	100	119	P	H
		5146.9	50.47	-3.53	54	43.9	32.5	6.61	32.54	100	119	A	H
	*	5210	99.1	-	-	92.49	32.5	6.65	32.54	100	119	P	H
	*	5210	92.21	-	-	85.6	32.5	6.65	32.54	100	119	A	H
		5356.12	46.62	-27.38	74	39.89	32.5	6.77	32.54	100	119	P	H
		5376	40.34	-13.66	54	33.6	32.5	6.79	32.55	100	119	A	H
		5139.36	50.11	-23.89	74	43.55	32.5	6.6	32.54	393	91	P	V
		5150	44.66	-9.34	54	38.09	32.5	6.61	32.54	393	91	A	V
	*	5210	95.9	-	-	89.29	32.5	6.65	32.54	393	91	P	V
	*	5210	89.44	-	-	82.83	32.5	6.65	32.54	393	91	A	V
		5362.28	46.61	-27.39	74	39.86	32.5	6.79	32.54	393	91	P	V
		5366.76	40.02	-13.98	54	33.27	32.5	6.79	32.54	393	91	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	44.78	-29.22	74	60.22	38.92	10.3	65.2	100	0	P	H
		15630	45.2	-28.8	74	56.52	38.44	13.69	64.2	100	0	P	H
													H
													H
		10420	45.11	-28.89	74	60.55	38.92	10.3	65.2	100	0	P	V
		15630	45.55	-28.45	74	56.87	38.44	13.69	64.2	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	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 52 5260MHz		5026.86	47.79	-26.21	74	41.3	32.5	6.52	32.53	100	118	P	H
		5072.42	38.93	-15.07	54	32.4	32.5	6.56	32.53	100	118	A	H
	*	5260	105.28	-	-	98.62	32.5	6.7	32.54	100	118	P	H
	*	5260	98.59	-	-	91.93	32.5	6.7	32.54	100	118	A	H
		5368.56	47.16	-26.84	74	40.41	32.5	6.79	32.54	100	118	P	H
		5351.28	37.75	-16.25	54	31.02	32.5	6.77	32.54	100	118	A	H
		5126.14	46.96	-27.04	74	40.4	32.5	6.6	32.54	386	84	P	V
		5116.96	38.1	-15.9	54	31.54	32.5	6.59	32.53	386	84	A	V
	*	5260	104.2	-	-	97.54	32.5	6.7	32.54	386	84	P	V
	*	5260	96.59	-	-	89.93	32.5	6.7	32.54	386	84	A	V
		5351.04	47.47	-26.53	74	40.74	32.5	6.77	32.54	386	84	P	V
		5444.64	37.32	-16.68	54	30.53	32.5	6.84	32.55	386	84	A	V
802.11a CH 60 5300MHz		5051.68	47.64	-26.36	74	41.13	32.5	6.54	32.53	100	117	P	H
		5100.64	38.78	-15.22	54	32.24	32.5	6.57	32.53	100	117	A	H
	*	5300	105.57	-	-	98.88	32.5	6.73	32.54	100	117	P	H
	*	5300	98.52	-	-	91.83	32.5	6.73	32.54	100	117	A	H
		5353.44	49.37	-24.63	74	42.64	32.5	6.77	32.54	100	117	P	H
		5352.24	43.23	-10.77	54	36.5	32.5	6.77	32.54	100	117	A	H
		5012.24	47.2	-26.8	74	40.72	32.5	6.51	32.53	400	83	P	V
		5114.58	38.08	-15.92	54	31.52	32.5	6.59	32.53	400	83	A	V
	*	5300	103.15	-	-	96.46	32.5	6.73	32.54	400	83	P	V
	*	5300	96.25	-	-	89.56	32.5	6.73	32.54	400	83	A	V
		5352.24	46.55	-27.45	74	39.82	32.5	6.77	32.54	400	83	P	V
		5352.24	40.07	-13.93	54	33.34	32.5	6.77	32.54	400	83	A	V



802.11a CH 64 5320MHz	*	5320	106.03	-	-	99.33	32.5	6.74	32.54	100	120	P	H
	*	5320	97.85	-	-	91.15	32.5	6.74	32.54	100	120	A	H
		5372.8	51.05	-22.95	74	44.3	32.5	6.79	32.54	100	120	P	H
		5372.32	43.14	-10.86	54	36.39	32.5	6.79	32.54	100	120	A	H
													H
													H
	*	5320	105.47	-	-	98.77	32.5	6.74	32.54	339	79	P	V
	*	5320	96.3	-	-	89.6	32.5	6.74	32.54	339	79	A	V
		5377.28	47.34	-26.66	74	40.59	32.5	6.8	32.55	339	79	P	V
		5372.16	40.84	-13.16	54	34.09	32.5	6.79	32.54	339	79	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	45.21	-28.79	74	60.58	39.05	10.24	65.2	100	0	P	H
		15780	44.79	-29.21	74	56.35	38.39	13.82	64.51	100	0	P	H
													H
													H
		10520	44.15	-29.85	74	59.52	39.05	10.24	65.2	100	0	P	V
		15780	44.32	-29.68	74	55.88	38.39	13.82	64.51	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	45.75	-28.25	74	60.88	39.31	10.2	65.18	100	0	P	H
		15900	44.6	-29.4	74	56.36	38.34	13.94	64.77	100	0	P	H
													H
													H
		10600	44.96	-29.04	74	60.09	39.31	10.2	65.18	100	0	P	V
		15900	45.35	-28.65	74	57.11	38.34	13.94	64.77	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	45.09	-28.91	74	60.13	39.41	10.19	65.17	100	0	P	H
		15960	44.81	-29.19	74	56.71	38.31	13.99	64.92	100	0	P	H
													H
													H
		10640	44.61	-29.39	74	59.65	39.41	10.19	65.17	100	0	P	V
		15960	46.79	-27.21	74	58.69	38.31	13.99	64.92	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5132.94	47.81	-26.19	74	41.25	32.5	6.6	32.54	106	117	P	H
		5076.5	39.52	-14.48	54	32.99	32.5	6.56	32.53	106	117	A	H
	*	5260	105.88	-	-	99.22	32.5	6.7	32.54	106	117	P	H
	*	5260	98.37	-	-	91.71	32.5	6.7	32.54	106	117	A	H
		5360.4	47.83	-26.17	74	41.08	32.5	6.79	32.54	106	117	P	H
		5350.56	38.36	-15.64	54	31.63	32.5	6.77	32.54	106	117	A	H
		5030.26	48.15	-25.85	74	41.66	32.5	6.52	32.53	389	92	P	V
		5083.3	38.88	-15.12	54	32.35	32.5	6.56	32.53	389	92	A	V
	*	5260	103.92	-	-	97.26	32.5	6.7	32.54	389	92	P	V
	*	5260	96.45	-	-	89.79	32.5	6.7	32.54	389	92	A	V
		5460	46.69	-27.31	74	39.88	32.5	6.86	32.55	389	92	P	V
		5420.64	38.03	-15.97	54	31.25	32.5	6.83	32.55	389	92	A	V
802.11n HT20 CH 60 5300MHz		5103.7	49.08	-24.92	74	42.54	32.5	6.57	32.53	100	116	P	H
		5113.22	39.56	-14.44	54	33	32.5	6.59	32.53	100	116	A	H
	*	5300	105.96	-	-	99.27	32.5	6.73	32.54	100	116	P	H
	*	5300	98.22	-	-	91.53	32.5	6.73	32.54	100	116	A	H
		5351.52	49.72	-24.28	74	42.99	32.5	6.77	32.54	100	116	P	H
		5351.76	44.02	-9.98	54	37.29	32.5	6.77	32.54	100	116	A	H
		5133.28	48.39	-25.61	74	41.83	32.5	6.6	32.54	341	77	P	V
		5112.54	39.06	-14.94	54	32.5	32.5	6.59	32.53	341	77	A	V
	*	5300	104.14	-	-	97.45	32.5	6.73	32.54	341	77	P	V
	*	5300	96.32	-	-	89.63	32.5	6.73	32.54	341	77	A	V
		5352.24	48.68	-25.32	74	41.95	32.5	6.77	32.54	341	77	P	V
		5351.52	42.47	-11.53	54	35.74	32.5	6.77	32.54	341	77	A	V



802.11n HT20 CH 64 5320MHz	*	5320	105.53	-	-	98.83	32.5	6.74	32.54	100	118	P	H
	*	5320	98.03	-	-	91.33	32.5	6.74	32.54	100	118	A	H
		5372.32	48.82	-25.18	74	42.07	32.5	6.79	32.54	100	118	P	H
		5371.52	43.63	-10.37	54	36.88	32.5	6.79	32.54	100	118	A	H
													H
													H
	*	5320	104.24	-	-	97.54	32.5	6.74	32.54	339	77	P	V
	*	5320	96.46	-	-	89.76	32.5	6.74	32.54	339	77	A	V
		5371.52	48.58	-25.42	74	41.83	32.5	6.79	32.54	339	77	P	V
		5371.68	42.46	-11.54	54	35.71	32.5	6.79	32.54	339	77	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. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	45.23	-28.77	74	60.6	39.05	10.24	65.2	100	0	P	H
		15780	47.28	-26.72	74	58.84	38.39	13.82	64.51	100	0	P	H
													H
													H
		10520	44.96	-29.04	74	60.33	39.05	10.24	65.2	100	0	P	V
		15780	44.89	-29.11	74	56.45	38.39	13.82	64.51	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	44.62	-29.38	74	59.75	39.31	10.2	65.18	100	0	P	H
		15900	44.56	-29.44	74	56.32	38.34	13.94	64.77	100	0	P	H
													H
													H
		10600	45.09	-28.91	74	60.22	39.31	10.2	65.18	100	0	P	V
		15900	45.19	-28.81	74	56.95	38.34	13.94	64.77	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	45.45	-28.55	74	60.49	39.41	10.19	65.17	100	0	P	H
		15960	45.49	-28.51	74	57.39	38.31	13.99	64.92	100	0	P	H
													H
													H
		10640	46.21	-27.79	74	61.25	39.41	10.19	65.17	100	0	P	V
		15960	44.37	-29.63	74	56.27	38.31	13.99	64.92	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5080.58	49.17	-24.83	74	42.64	32.5	6.56	32.53	100	117	P	H
		5067.32	39.41	-14.59	54	32.89	32.5	6.55	32.53	100	117	A	H
	*	5270	103.43	-	-	96.76	32.5	6.71	32.54	100	117	P	H
	*	5270	95.78	-	-	89.11	32.5	6.71	32.54	100	117	A	H
		5373.12	47.38	-26.62	74	40.63	32.5	6.79	32.54	100	117	P	H
		5372.4	40.34	-13.66	54	33.59	32.5	6.79	32.54	100	117	A	H
		5091.12	47.17	-26.83	74	40.63	32.5	6.57	32.53	384	91	P	V
		5114.58	38.85	-15.15	54	32.29	32.5	6.59	32.53	384	91	A	V
	*	5270	100.33	-	-	93.66	32.5	6.71	32.54	384	91	P	V
	*	5270	93	-	-	86.33	32.5	6.71	32.54	384	91	A	V
		5365.44	45.85	-28.15	74	39.1	32.5	6.79	32.54	384	91	P	V
		5375.28	38.7	-15.3	54	31.96	32.5	6.79	32.55	384	91	A	V
802.11n HT40 CH 62 5310MHz		5111.18	48.8	-25.2	74	42.24	32.5	6.59	32.53	100	117	P	H
		5106.76	39.28	-14.72	54	32.72	32.5	6.59	32.53	100	117	A	H
	*	5310	103.07	-	-	96.37	32.5	6.74	32.54	100	117	P	H
	*	5310	95.72	-	-	89.02	32.5	6.74	32.54	100	117	A	H
		5352.48	48.63	-25.37	74	41.9	32.5	6.77	32.54	100	117	P	H
		5351.04	41.52	-12.48	54	34.79	32.5	6.77	32.54	100	117	A	H
		5003.74	47.8	-26.2	74	41.32	32.5	6.51	32.53	380	94	P	V
		5090.1	39.05	-14.95	54	32.51	32.5	6.57	32.53	380	94	A	V
	*	5310	100.31	-	-	93.61	32.5	6.74	32.54	380	94	P	V
	*	5310	93.01	-	-	86.31	32.5	6.74	32.54	380	94	A	V
		5414.4	46.54	-27.46	74	39.76	32.5	6.83	32.55	380	94	P	V
		5350.32	39.14	-14.86	54	32.41	32.5	6.77	32.54	380	94	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. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	44.65	-29.35	74	59.97	39.1	10.23	65.19	100	0	P	H
		15810	46.53	-27.47	74	58.14	38.38	13.85	64.58	100	0	P	H
													H
													H
		10540	45.11	-28.89	74	60.43	39.1	10.23	65.19	100	0	P	V
		15810	44.9	-29.1	74	56.51	38.38	13.85	64.58	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	44.78	-29.22	74	59.87	39.36	10.2	65.18	100	0	P	H
		15930	47.02	-26.98	74	58.84	38.33	13.97	64.85	100	0	P	H
													H
													H
		10620	45.33	-28.67	74	60.42	39.36	10.2	65.18	100	0	P	V
		15930	44.84	-29.16	74	56.66	38.33	13.97	64.85	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 802.11ac VHT80 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5097.92	47.8	-26.2	74	41.26	32.5	6.57	32.53	100	119	P	H
		5120.7	41.49	-12.51	54	34.94	32.5	6.59	32.54	100	119	A	H
	*	5290	98.76	-	-	92.07	32.5	6.73	32.54	100	119	P	H
	*	5290	91.39	-	-	84.7	32.5	6.73	32.54	100	119	A	H
		5353.68	47.5	-26.5	74	40.77	32.5	6.77	32.54	100	119	P	H
		5370	41.9	-12.1	54	35.15	32.5	6.79	32.54	100	119	A	H
		5027.2	47.65	-26.35	74	41.16	32.5	6.52	32.53	382	91	P	V
		5106.42	41.36	-12.64	54	34.82	32.5	6.57	32.53	382	91	A	V
	*	5290	96.18	-	-	89.49	32.5	6.73	32.54	382	91	P	V
	*	5290	89.5	-	-	82.81	32.5	6.73	32.54	382	91	A	V
		5355.12	47.36	-26.64	74	40.63	32.5	6.77	32.54	382	91	P	V
		5369.76	40.7	-13.3	54	33.95	32.5	6.79	32.54	382	91	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	45.6	-28.4	74	60.77	39.26	10.21	65.18	100	0	P	H
		15870	45.86	-28.14	74	57.61	38.35	13.9	64.73	100	0	P	H
													H
													H
		10580	45.24	-28.76	74	60.41	39.26	10.21	65.18	100	0	P	V
		15870	45.77	-28.23	74	57.52	38.35	13.9	64.73	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. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5447.92	49.37	-24.63	74	42.58	32.5	6.84	32.55	104	244	P	H
		5447.76	41.42	-12.58	54	34.63	32.5	6.84	32.55	104	244	A	H
	*	5500	102.66	-	-	95.83	32.5	6.88	32.55	104	244	P	H
	*	5500	94.77	-	-	87.94	32.5	6.88	32.55	104	244	A	H
													H
													H
		5433.36	47.16	-26.84	74	40.37	32.5	6.84	32.55	333	78	P	V
		5447.76	39.87	-14.13	54	33.08	32.5	6.84	32.55	333	78	A	V
	*	5500	101.5	-	-	94.67	32.5	6.88	32.55	333	78	P	V
	*	5500	93.32	-	-	86.49	32.5	6.88	32.55	333	78	A	V
													V
													V
802.11a CH 116 5580MHz		5394.4	46.43	-27.57	74	39.66	32.5	6.82	32.55	100	116	P	H
		5388.88	37.52	-16.48	54	30.77	32.5	6.8	32.55	100	116	A	H
	*	5580	101.73	-	-	94.77	32.61	6.94	32.59	100	116	P	H
	*	5580	94.52	-	-	87.56	32.61	6.94	32.59	100	116	A	H
		5747.99	47.14	-26.86	74	39.86	32.89	7.04	32.65	100	116	P	H
		5740.745	38.53	-15.47	54	31.25	32.89	7.04	32.65	100	116	A	H
		5400.4	46.33	-27.67	74	39.56	32.5	6.82	32.55	341	78	P	V
		5467.6	37.36	-16.64	54	30.54	32.5	6.87	32.55	341	78	A	V
	*	5580	100.71	-	-	93.75	32.61	6.94	32.59	341	78	P	V
	*	5580	93.62	-	-	86.66	32.61	6.94	32.59	341	78	A	V
		5742.95	47.11	-26.89	74	39.83	32.89	7.04	32.65	341	78	P	V
		5747.99	38.24	-15.76	54	30.96	32.89	7.04	32.65	341	78	A	V



802.11a CH 140 5700MHz	*	5700	101.02	-	-	93.83	32.8	7.02	32.63	100	116	P	H
	*	5700	94.23	-	-	87.04	32.8	7.02	32.63	100	116	A	H
		5752.2	50.23	-23.77	74	42.93	32.91	7.04	32.65	100	116	P	H
		5752.2	40.92	-13.08	54	33.62	32.91	7.04	32.65	100	116	A	H
													H
													H
	*	5700	99.22	-	-	92.03	32.8	7.02	32.63	328	77	P	V
	*	5700	92.51	-	-	85.32	32.8	7.02	32.63	328	77	A	V
		5743.08	47.64	-26.36	74	40.36	32.89	7.04	32.65	328	77	P	V
		5752.2	39.63	-14.37	54	32.33	32.91	7.04	32.65	328	77	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.14	-26.86	74	61.22	40.5	10	65.1	100	0	P	H
		16500	45.27	-28.73	74	56.81	38.9	13.97	65.1	100	0	P	H
													H
													H
		11000	46.16	-27.84	74	60.24	40.5	10	65.1	100	0	P	V
		16500	43.6	-30.4	74	55.14	38.9	13.97	65.1	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.58	-27.42	74	60.91	40.07	10.28	65.2	100	0	P	H
		16740	44.53	-29.47	74	55.16	39.62	13.94	64.86	100	0	P	H
													H
													H
		11160	45.73	-28.27	74	60.06	40.07	10.28	65.2	100	0	P	V
		16740	45.06	-28.94	74	55.69	39.62	13.94	64.86	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	44.62	-29.38	74	59.28	39.46	10.71	65.34	100	0	P	H
		17100	47.63	-26.37	74	56.76	40.72	13.96	64.46	100	0	P	H
													H
													H
		11400	44.78	-29.22	74	59.44	39.46	10.71	65.34	100	0	P	V
		17100	46.78	-27.22	74	55.91	40.72	13.96	64.46	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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5448.4	47.95	-26.05	74	41.14	32.5	6.86	32.55	100	115	P	H
		5448.56	43.02	-10.98	54	36.21	32.5	6.86	32.55	100	115	A	H
	*	5500	102.67	-	-	95.84	32.5	6.88	32.55	100	115	P	H
	*	5500	94.57	-	-	87.74	32.5	6.88	32.55	100	115	A	H
													H
													H
		5448.72	47.57	-26.43	74	40.76	32.5	6.86	32.55	334	83	P	V
		5448.24	41.29	-12.71	54	34.48	32.5	6.86	32.55	334	83	A	V
	*	5500	101.45	-	-	94.62	32.5	6.88	32.55	334	83	P	V
	*	5500	93.61	-	-	86.78	32.5	6.88	32.55	334	83	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5447.44	47.15	-26.85	74	40.36	32.5	6.84	32.55	100	117	P	H
		5456.08	38.27	-15.73	54	31.46	32.5	6.86	32.55	100	117	A	H
	*	5580	101.77	-	-	94.81	32.61	6.94	32.59	100	117	P	H
	*	5580	93.9	-	-	86.94	32.61	6.94	32.59	100	117	A	H
		5740.115	47.2	-26.8	74	39.92	32.89	7.04	32.65	100	117	P	H
		5748.935	39.45	-14.55	54	32.17	32.89	7.04	32.65	100	117	A	H
		5398.96	46.75	-27.25	74	39.98	32.5	6.82	32.55	326	82	P	V
		5458.72	38.12	-15.88	54	31.31	32.5	6.86	32.55	326	82	A	V
	*	5580	101.53	-	-	94.57	32.61	6.94	32.59	326	82	P	V
	*	5580	93.33	-	-	86.37	32.61	6.94	32.59	326	82	A	V
		5748.305	46.06	-27.94	74	38.78	32.89	7.04	32.65	326	82	P	V
		5741.06	41.36	-12.64	54	34.08	32.89	7.04	32.65	326	82	A	V



802.11n HT20 CH 140 5700MHz	*	5700	101.74	-	-	94.55	32.8	7.02	32.63	100	115	P	H
	*	5700	93.97	-	-	86.78	32.8	7.02	32.63	100	115	A	H
		5752.04	48.53	-25.47	74	41.23	32.91	7.04	32.65	100	115	P	H
		5751.72	41.25	-12.75	54	33.95	32.91	7.04	32.65	100	115	A	H
													H
													H
	*	5700	100.72	-	-	93.53	32.8	7.02	32.63	329	77	P	V
	*	5700	92.32	-	-	85.13	32.8	7.02	32.63	329	77	A	V
		5756.12	48.5	-25.5	74	41.19	32.91	7.06	32.66	329	77	P	V
		5751.48	40.41	-13.59	54	33.13	32.89	7.04	32.65	329	77	A	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. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	47.4	-26.6	74	61.48	40.5	10	65.1	100	0	P	H
		16500	45.52	-28.48	74	57.06	38.9	13.97	65.1	100	0	P	H
													H
													H
		11000	46.09	-27.91	74	60.17	40.5	10	65.1	100	0	P	V
		16500	45.72	-28.28	74	57.26	38.9	13.97	65.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	47.29	-26.71	74	61.62	40.07	10.28	65.2	100	0	P	H
		16740	45.79	-28.21	74	56.42	39.62	13.94	64.86	100	0	P	H
													H
													H
		11160	46.25	-27.75	74	60.58	40.07	10.28	65.2	100	0	P	V
		16740	46.17	-27.83	74	56.8	39.62	13.94	64.86	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	45.06	-28.94	74	59.72	39.46	10.71	65.34	100	0	P	H
		17100	47.69	-26.31	74	56.82	40.72	13.96	64.46	100	0	P	H
													H
													H
		11400	45.77	-28.23	74	60.43	39.46	10.71	65.34	100	0	P	V
		17100	47.91	-26.09	74	57.04	40.72	13.96	64.46	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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5467.6	48.79	-25.21	74	41.97	32.5	6.87	32.55	100	118	P	H
		5469.7	42.1	-11.9	54	35.28	32.5	6.87	32.55	100	118	A	H
	*	5510	99.96	-	-	93.13	32.5	6.89	32.56	100	118	P	H
	*	5510	92.29	-	-	85.46	32.5	6.89	32.56	100	118	A	H
		5746.415	47.77	-26.23	74	40.49	32.89	7.04	32.65	100	118	P	H
		5746.415	40.3	-13.7	54	33.02	32.89	7.04	32.65	100	118	A	H
		5351.05	47.33	-26.67	74	40.6	32.5	6.77	32.54	354	83	P	V
		5470	40.34	-13.66	54	33.52	32.5	6.87	32.55	354	83	A	V
	*	5510	97.22	-	-	90.39	32.5	6.89	32.56	354	83	P	V
	*	5510	90.9	-	-	84.07	32.5	6.89	32.56	354	83	A	V
		5743.895	47.9	-26.1	74	40.62	32.89	7.04	32.65	354	83	P	V
		5752.085	39.8	-14.2	54	32.5	32.91	7.04	32.65	354	83	A	V
802.11n HT40 CH 110 5550MHz		5445.9	46.61	-27.39	74	39.82	32.5	6.84	32.55	108	116	P	H
		5446.95	40.3	-13.7	54	33.51	32.5	6.84	32.55	108	116	A	H
	*	5550	99.68	-	-	92.76	32.58	6.91	32.57	108	116	P	H
	*	5550	91.93	-	-	85.01	32.58	6.91	32.57	108	116	A	H
		5737.28	46.7	-27.3	74	39.42	32.89	7.04	32.65	108	116	P	H
		5742.005	42.72	-11.28	54	35.44	32.89	7.04	32.65	108	116	A	H
		5362.6	46.83	-27.17	74	40.08	32.5	6.79	32.54	349	84	P	V
		5447.65	38.96	-15.04	54	32.17	32.5	6.84	32.55	349	84	A	V
	*	5550	97.6	-	-	90.68	32.58	6.91	32.57	349	84	P	V
	*	5550	90.14	-	-	83.22	32.58	6.91	32.57	349	84	A	V
		5741.375	49.03	-24.97	74	41.75	32.89	7.04	32.65	349	84	P	V
		5742.95	39.92	-14.08	54	32.64	32.89	7.04	32.65	349	84	A	V



802.11n HT40 CH 134 5670MHz		5420.35	46.12	-27.88	74	39.34	32.5	6.83	32.55	100	118	P	H
		5468.3	38.49	-15.51	54	31.67	32.5	6.87	32.55	100	118	A	H
	*	5670	98.78	-	-	91.62	32.78	7	32.62	100	118	P	H
	*	5670	90.56	-	-	83.4	32.78	7	32.62	100	118	A	H
		5757.755	46.78	-27.22	74	39.47	32.91	7.06	32.66	100	118	P	H
		5743.265	42.37	-11.63	54	35.09	32.89	7.04	32.65	100	118	A	H
		5457.1	46.29	-27.71	74	39.48	32.5	6.86	32.55	367	90	P	V
		5457.45	38.11	-15.89	54	31.3	32.5	6.86	32.55	367	90	A	V
	*	5670	96.71	-	-	89.55	32.78	7	32.62	367	90	P	V
	*	5670	88.62	-	-	81.46	32.78	7	32.62	367	90	A	V
		5759.33	46.76	-27.24	74	39.45	32.91	7.06	32.66	367	90	P	V
		5736.965	38.56	-15.44	54	31.28	32.89	7.04	32.65	367	90	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	46.13	-27.87	74	60.2	40.46	10.06	65.11	100	0	P	H
		16530	45.95	-28.05	74	57.36	39	13.97	65.07	100	0	P	H
													H
													H
		11020	45.81	-28.19	74	59.88	40.46	10.06	65.11	100	0	P	V
		16530	46.39	-27.61	74	57.8	39	13.97	65.07	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	45.88	-28.12	74	60.1	40.24	10.18	65.16	100	0	P	H
		16650	45.12	-28.88	74	56.06	39.37	13.95	64.94	100	0	P	H
													H
													H
		11100	46.66	-27.34	74	60.88	40.24	10.18	65.16	100	0	P	V
		16650	45.57	-28.43	74	56.51	39.37	13.95	64.94	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	44.87	-29.13	74	59.44	39.63	10.58	65.3	100	0	P	H
		17010	46.54	-27.46	74	56.1	40.45	13.92	64.58	100	0	P	H
													H
													H
		11340	45.74	-28.26	74	60.31	39.63	10.58	65.3	100	0	P	V
		17010	46.18	-27.82	74	55.74	40.45	13.92	64.58	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 802.11ac VHT80 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5462.8	51.04	-22.96	74	44.23	32.5	6.86	32.55	100	120	P	H
		5450.08	45.57	-8.43	54	38.76	32.5	6.86	32.55	100	120	A	H
	*	5530	97.46	-	-	90.6	32.53	6.9	32.57	100	120	P	H
	*	5530	90.11	-	-	83.25	32.53	6.9	32.57	100	120	A	H
		5741.06	46.46	-27.54	74	39.18	32.89	7.04	32.65	100	120	P	H
		5745.47	40.65	-13.35	54	33.37	32.89	7.04	32.65	100	120	A	H
		5449.36	48.75	-25.25	74	41.94	32.5	6.86	32.55	391	90	P	V
		5469.28	42.95	-11.05	54	36.13	32.5	6.87	32.55	391	90	A	V
	*	5530	95.8	-	-	88.94	32.53	6.9	32.57	391	90	P	V
	*	5530	88.74	-	-	81.88	32.53	6.9	32.57	391	90	A	V
		5749.25	46.38	-27.62	74	39.1	32.89	7.04	32.65	391	90	P	V
		5755.55	40.55	-13.45	54	33.23	32.91	7.06	32.65	391	90	A	V
802.11ac VHT80 CH 122 5610MHz		5465.68	46.44	-27.56	74	39.63	32.5	6.86	32.55	100	119	P	H
		5416.96	40.48	-13.52	54	33.7	32.5	6.83	32.55	100	119	A	H
	*	5610	97.28	-	-	90.25	32.67	6.96	32.6	100	119	P	H
	*	5610	89.87	-	-	82.84	32.67	6.96	32.6	100	119	A	H
		5753.975	47.11	-26.89	74	39.79	32.91	7.06	32.65	100	119	P	H
		5744.84	40.43	-13.57	54	33.15	32.89	7.04	32.65	100	119	A	H
		5427.28	46.75	-27.25	74	39.97	32.5	6.83	32.55	379	79	P	V
		5440.72	40.37	-13.63	54	33.58	32.5	6.84	32.55	379	79	A	V
	*	5610	95.07	-	-	88.04	32.67	6.96	32.6	379	79	P	V
	*	5610	87.68	-	-	80.65	32.67	6.96	32.6	379	79	A	V
		5764.685	46.9	-27.1	74	39.59	32.91	7.06	32.66	379	79	P	V
		5733.5	40.8	-13.2	54	33.56	32.86	7.03	32.65	379	79	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	46.43	-27.57	74	60.6	40.33	10.12	65.14	100	0	P	H
		16590	46.95	-27.05	74	58.16	39.16	13.96	65.01	100	0	P	H
													H
													H
		11060	46.47	-27.53	74	60.64	40.33	10.12	65.14	100	0	P	V
		16590	46.62	-27.38	74	57.83	39.16	13.96	65.01	100	0	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz		11220	45.36	-28.64	74	59.73	39.94	10.4	65.23	100	0	P	H
		16830	46.35	-27.65	74	56.64	39.88	13.93	64.77	100	0	P	H
													H
													H
		11220	45.8	-28.2	74	60.17	39.94	10.4	65.23	100	0	P	V
		16830	45.84	-28.16	74	56.13	39.88	13.93	64.77	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 802.11ac VHT80 (LF @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 LF		86.97	28.11	-11.89	40	45.51	14.25	0.86	32.76	-	-	P	H
		128.82	32.4	-11.1	43.5	46.28	17.55	1.04	32.76	-	-	P	H
		159.06	33.73	-9.77	43.5	48.21	16.66	1.2	32.76	-	-	P	H
		620.6	28.1	-17.9	46	32.1	26.13	2.29	33	-	-	P	H
		752.2	29.68	-16.32	46	31.25	28.26	2.51	32.94	-	-	P	H
		894.3	40.31	-5.69	46	40.11	29.09	2.74	32.33	100	0	P	H
													H
													H
													H
													H
													H
													H
		36.48	31.31	-8.69	40	42.45	20.98	0.53	32.75	-	-	P	V
		76.71	29.98	-10.02	40	48.83	12.88	0.86	32.76	-	-	P	V
		84.54	36.19	-3.81	40	53.99	13.86	0.86	32.76	100	0	P	V
		636.7	28.09	-17.91	46	31.69	26.49	2.32	33	-	-	P	V
		853	30.99	-15.01	46	31.03	29.21	2.67	32.58	-	-	P	V
		954.5	33.19	-12.81	46	30.41	30.9	2.78	31.71	-	-	P	V
													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	Peak or Average
H/V	Horizontal or Vertical



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	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		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable 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) + Cable 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”.



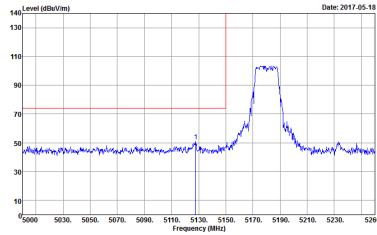
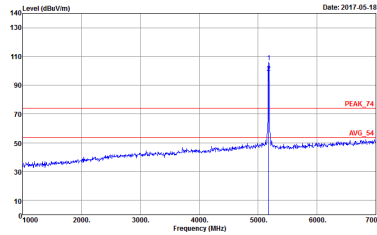
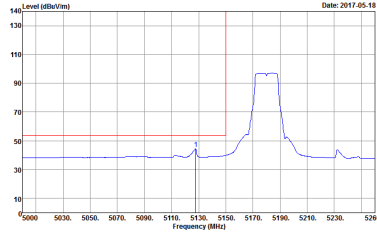
Appendix D. Radiated Spurious Emission

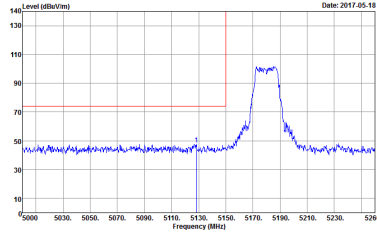
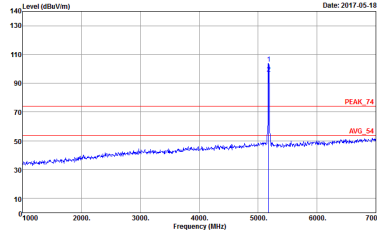
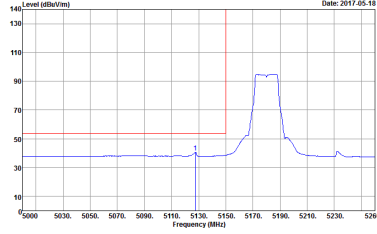
Test Engineer :	Tsung Lee, Stan Hsieh, Kyle Chuang	Temperature :	22~24°C
		Relative Humidity :	45~47%

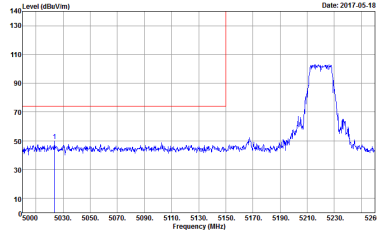
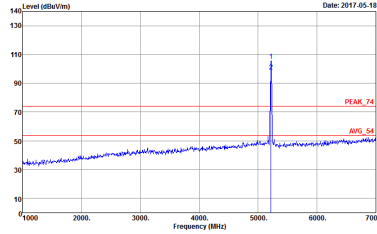
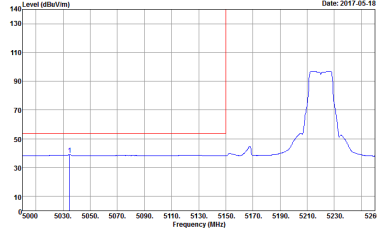
Note symbol

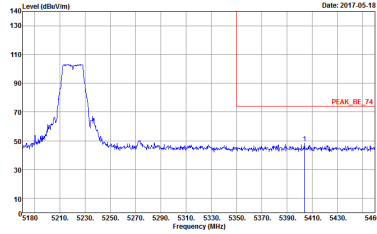
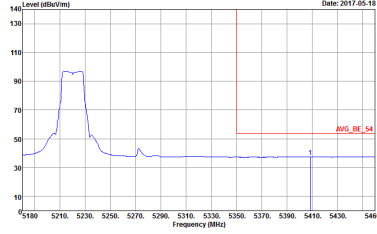
-L	Low channel location
-R	High channel location

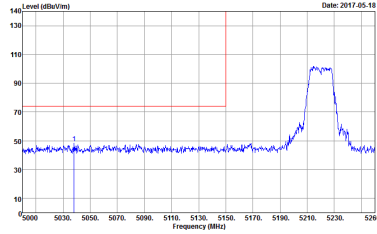
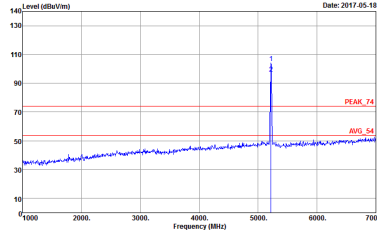
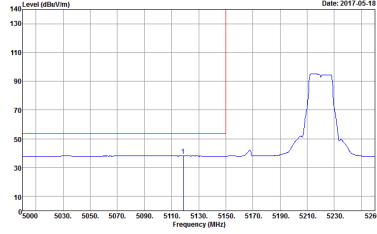
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

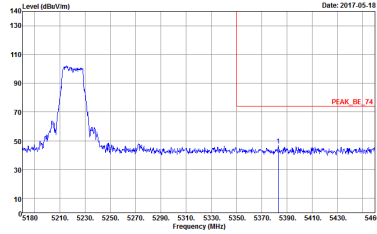
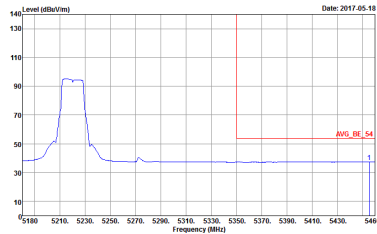
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 1	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 1
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 1	Left blank

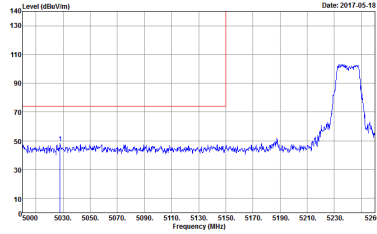
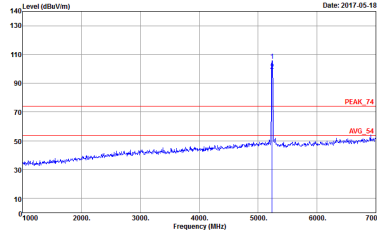
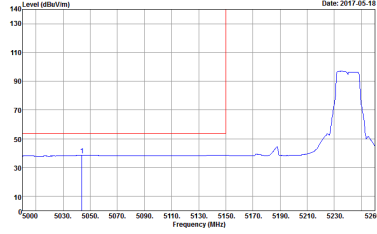
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 1	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 1
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 1	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 2	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 2
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 2	Left blank

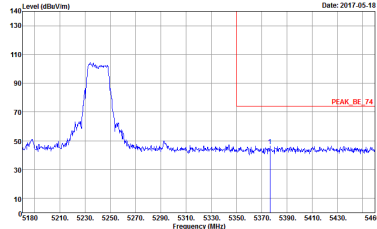
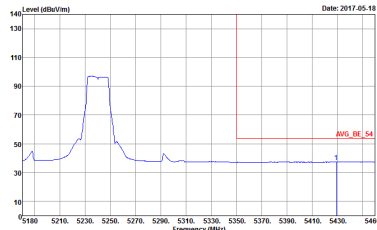
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z	Left blank

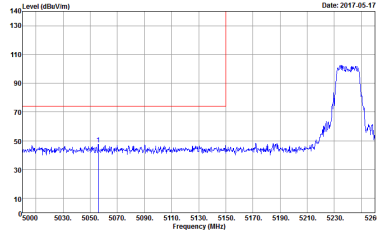
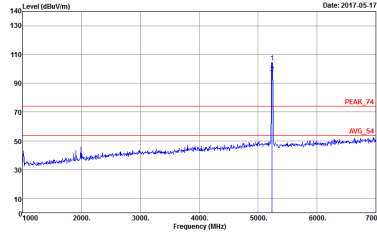
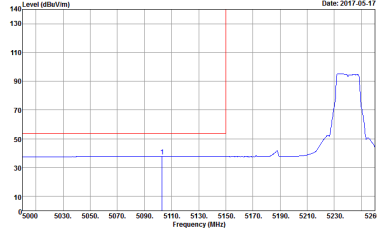
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 2	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 2
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 2	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 2	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 2	Left blank

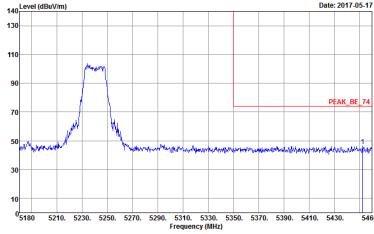
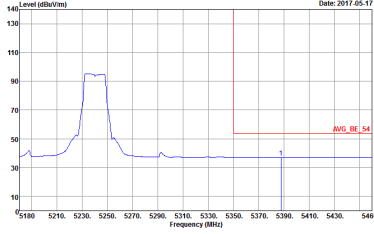
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 3	Left blank



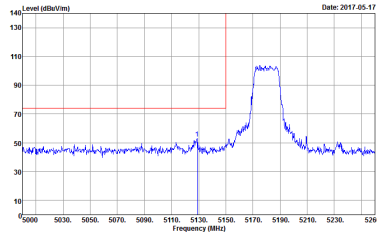
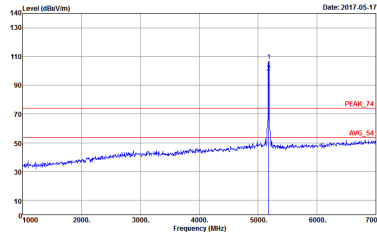
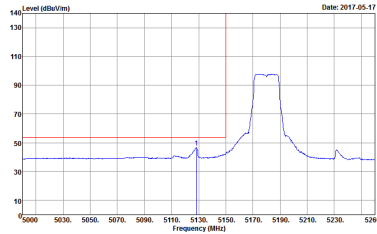
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ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 3	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 3	Left blank

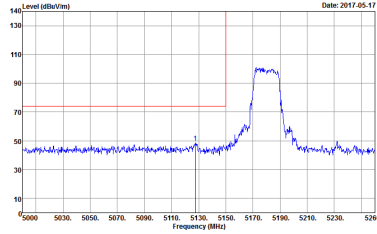
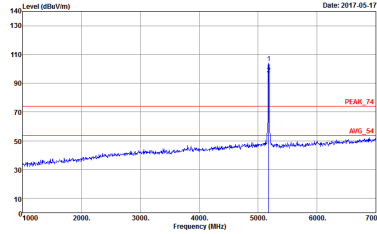
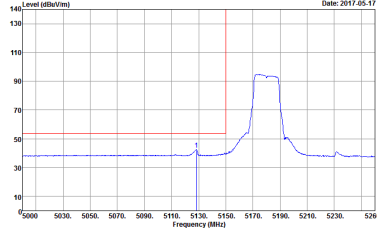
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 3	Left blank

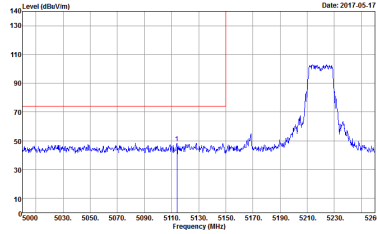
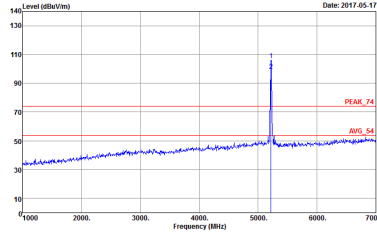
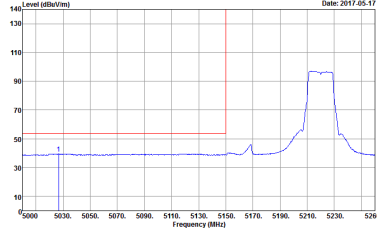


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 3	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 3	Left blank

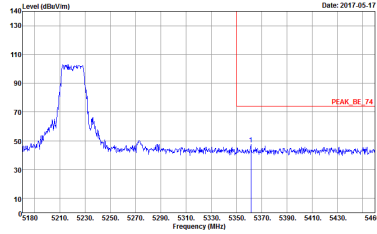
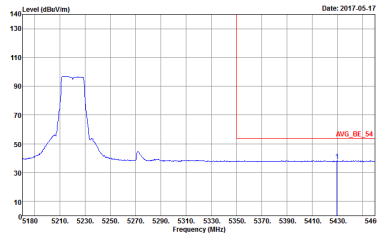
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

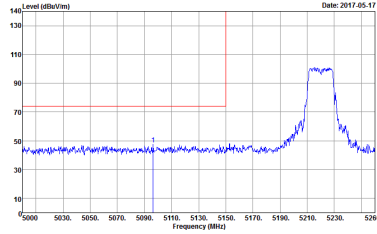
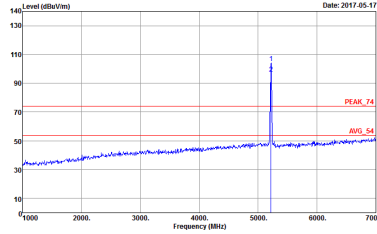
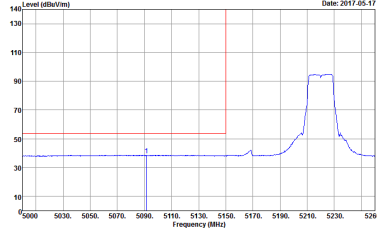
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 10	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 10
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 10	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 10	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 10
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 10	Left blank

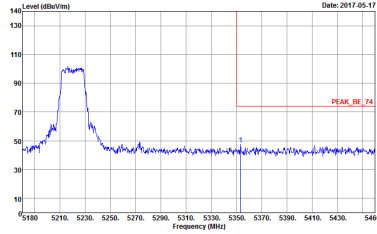
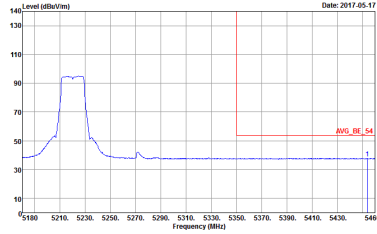
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 11	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 11
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 11	Left blank

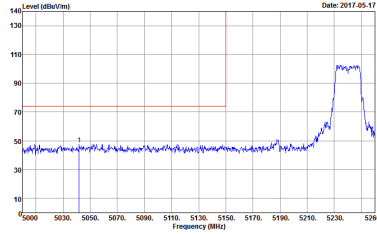
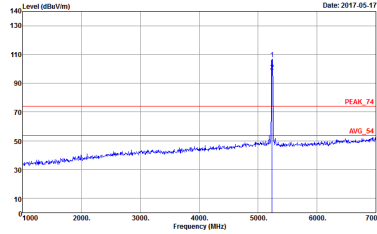
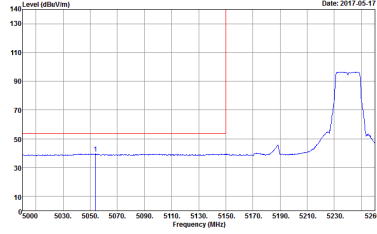


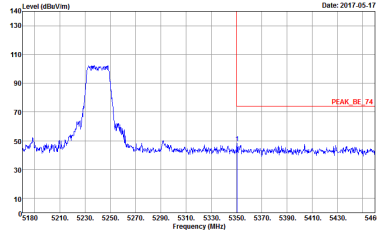
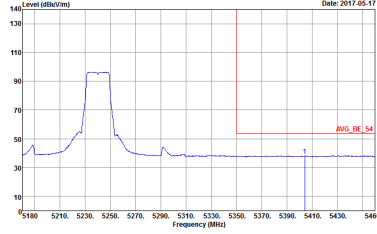
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 11	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 11	Left blank

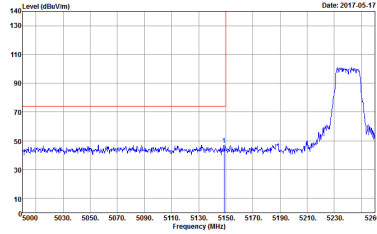
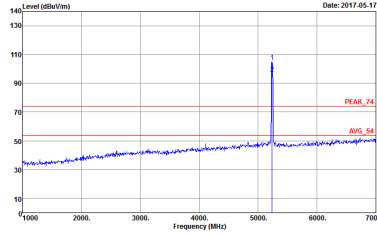
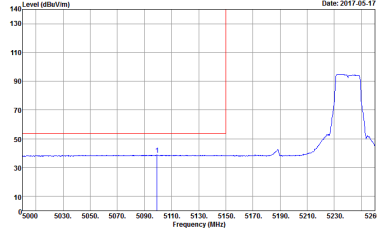
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 11	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 11
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 11	Left blank

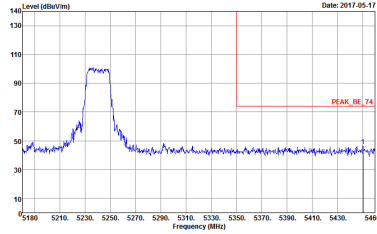
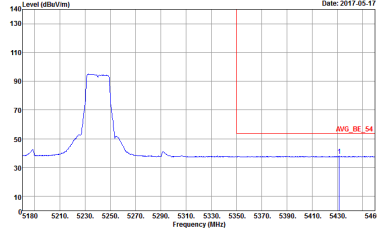


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 11	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 11	Left blank

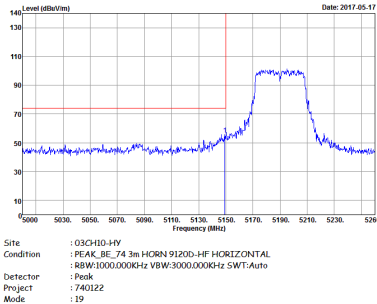
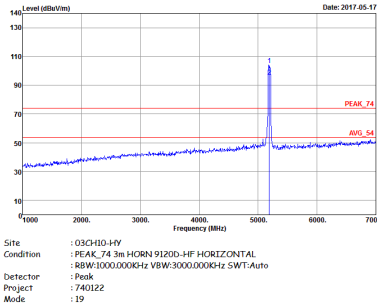
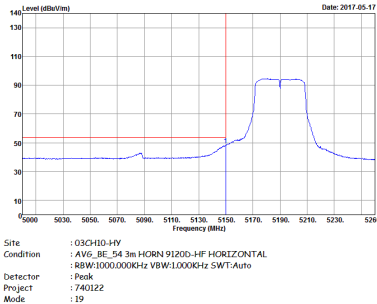
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 12	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 12
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 12	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 12	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 12	Left blank

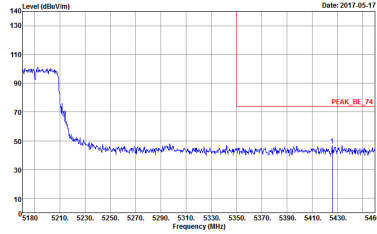
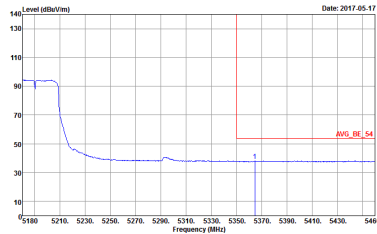
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 12	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 12
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 12	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 12	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 12	Left blank

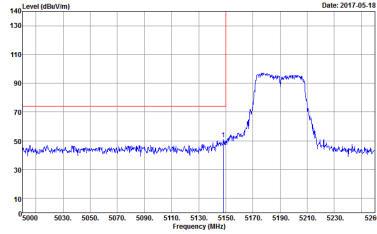
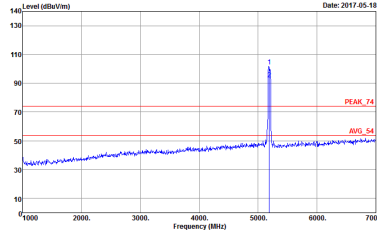
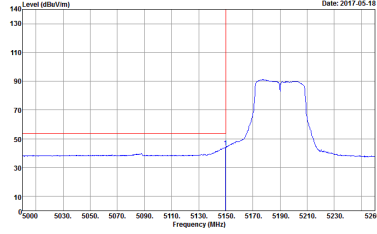
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

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

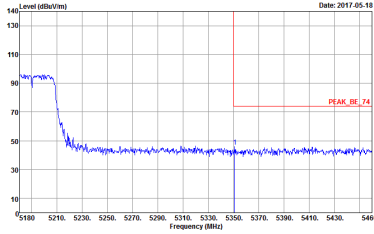
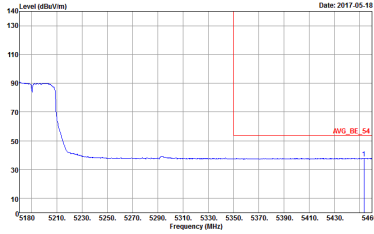


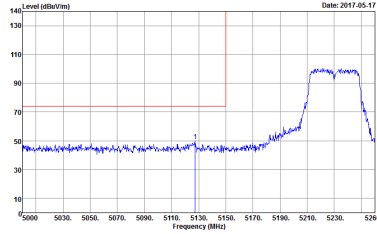
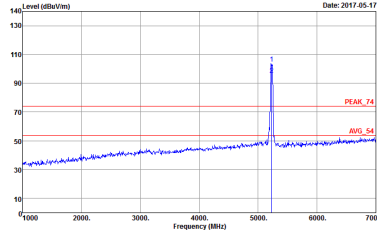
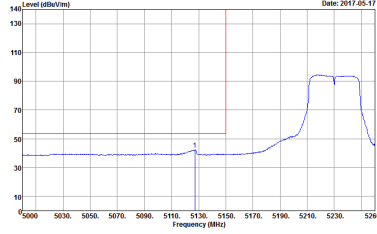
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 19	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 19	Left blank

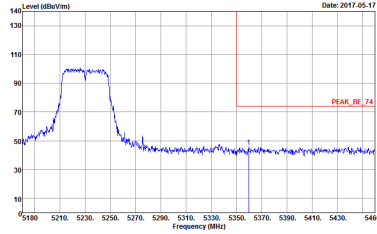
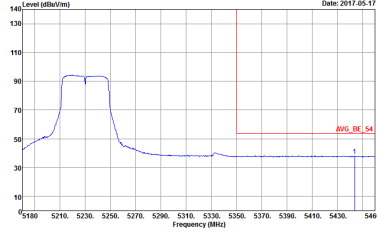


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 19	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 19
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 19	Left blank

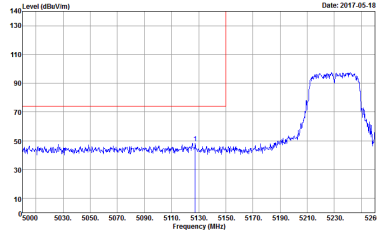
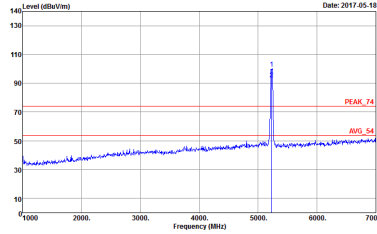
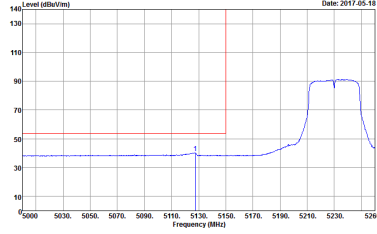


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 740122 Mode : 19	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 740122 Mode : 19	Left blank

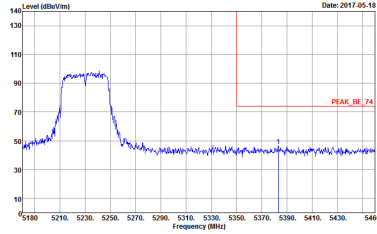
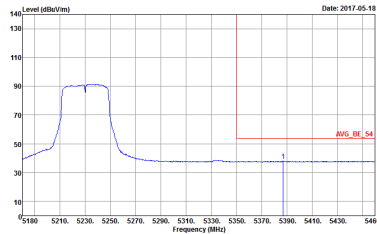
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 20	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 20
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 20	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 20	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 20	Left blank

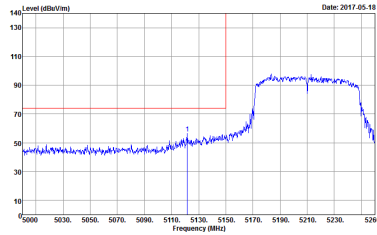
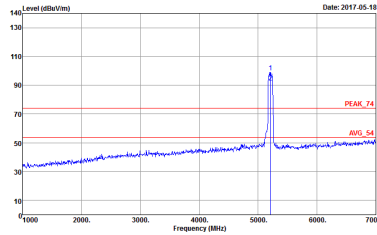
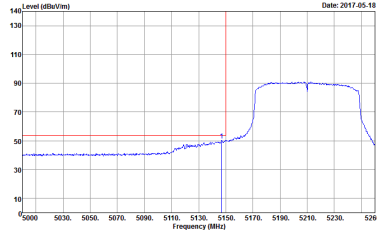


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 20	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 20
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 20	Left blank

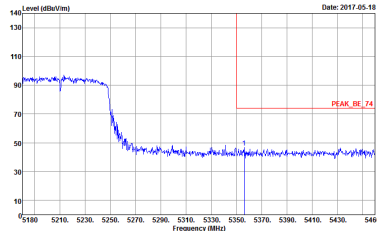
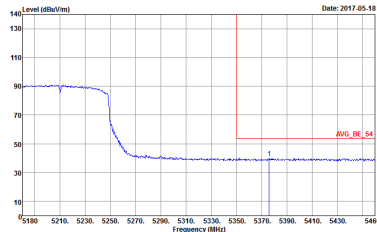


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 20	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 20	Left blank

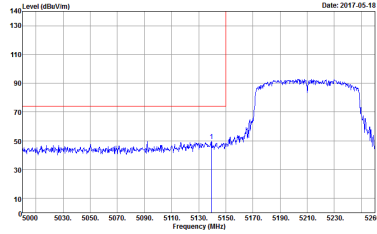
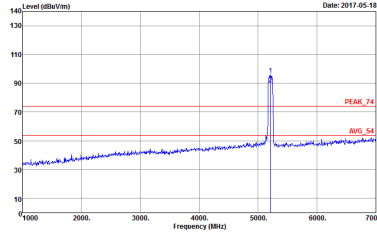
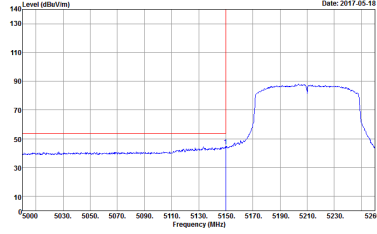
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z6	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z6
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z6	Left blank

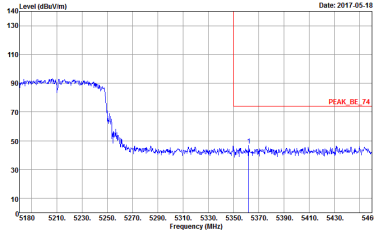
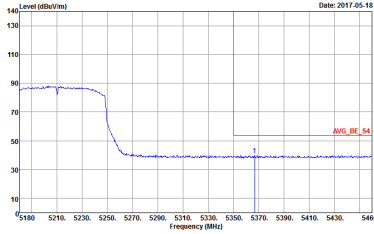


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z6	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z6	Left blank

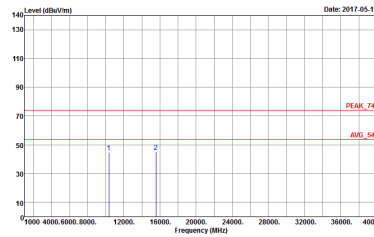
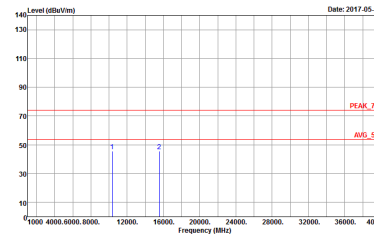


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z6	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z6
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z6	Left blank

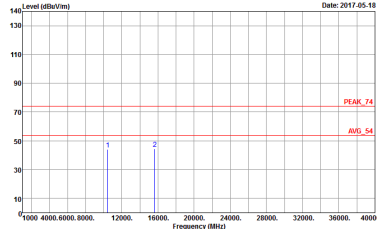
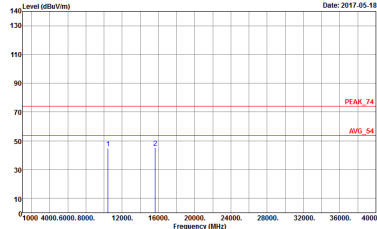


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z6	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z6	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.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 1	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 1

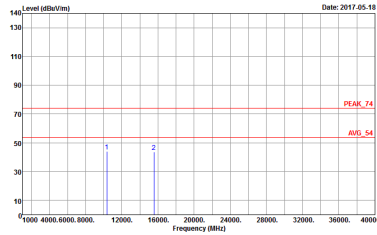
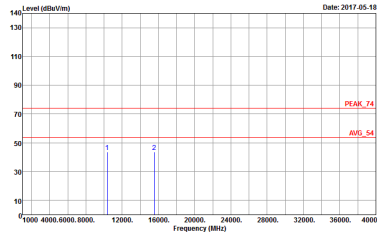


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 2	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 2

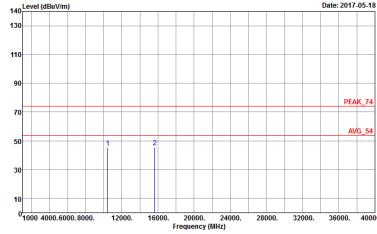
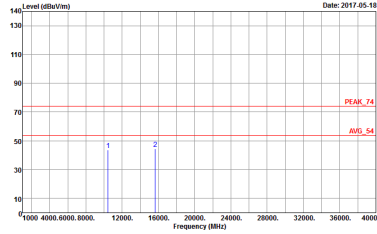


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 3	Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 3

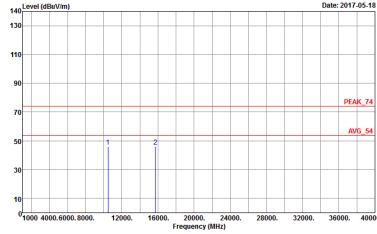
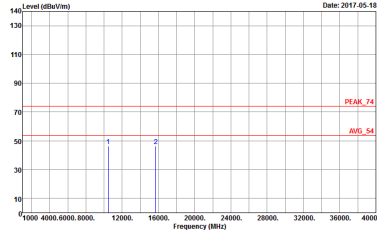
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4V Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 10	 Site : 03CH10-4V Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 10

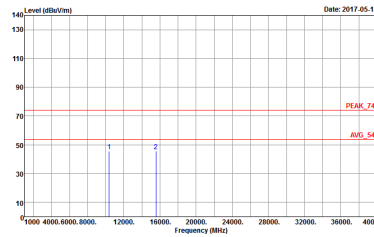
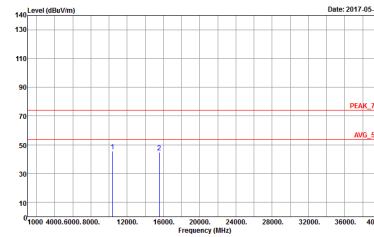


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 11	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 11

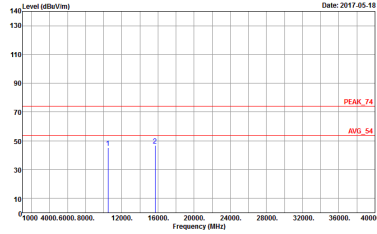
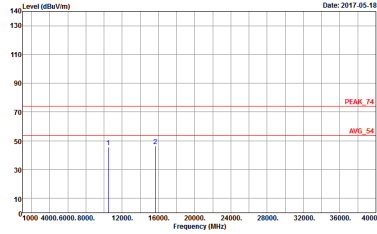


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 12	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 12

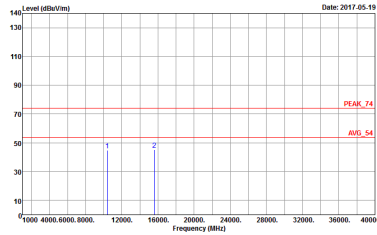
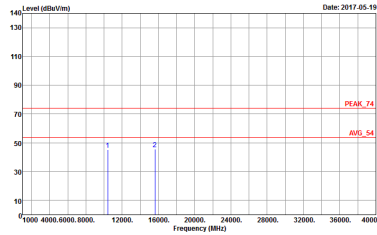
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 19	 Site : 03CH10-4HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 19

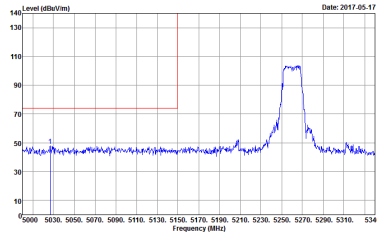
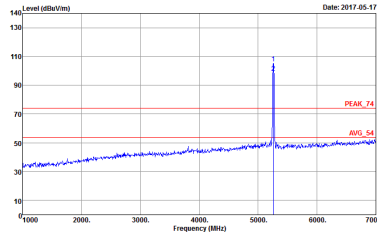
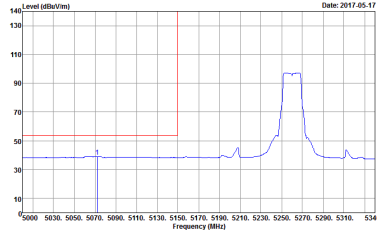


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 20	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 20

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

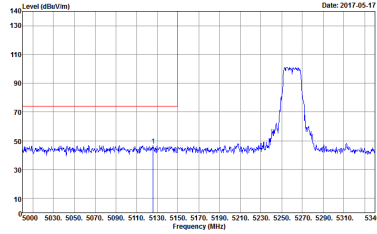
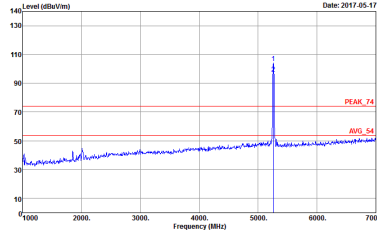
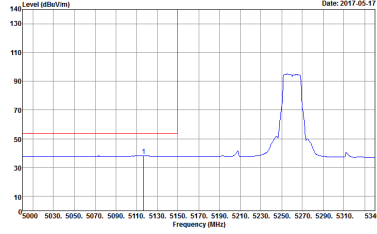
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z6	 Site : 03CH10-4HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z6

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

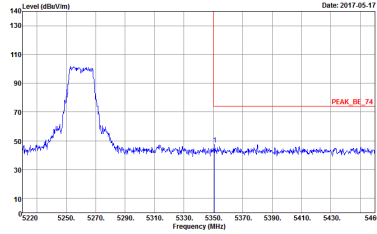
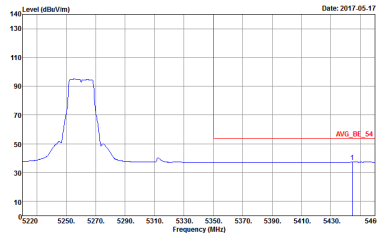
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 4	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 4
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 4	Left blank

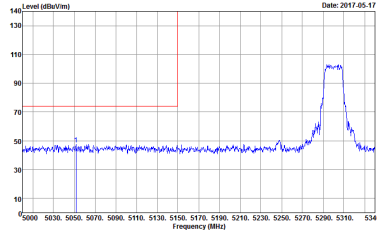
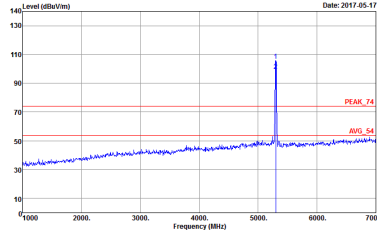
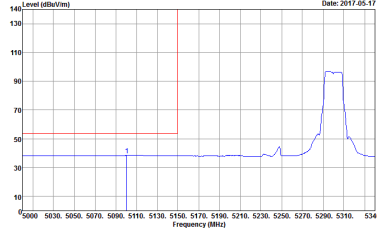


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 4	Left blank
Avg.	Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 4	Left blank

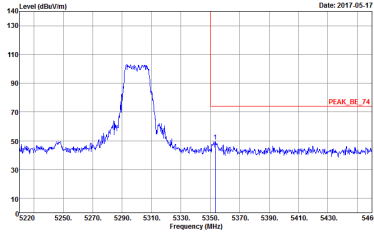
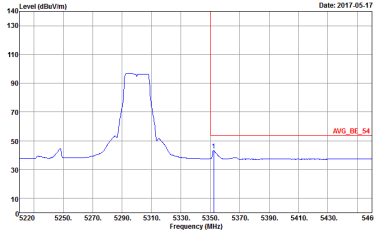
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 4	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 4
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 4	Left blank

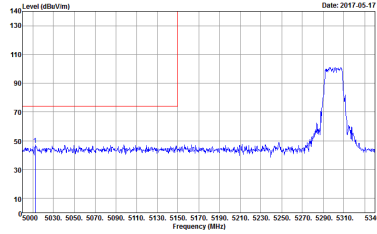
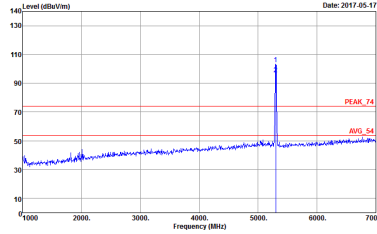
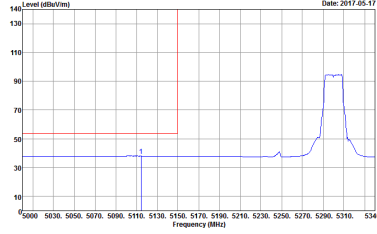


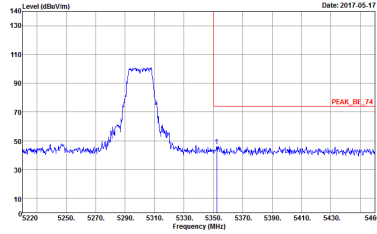
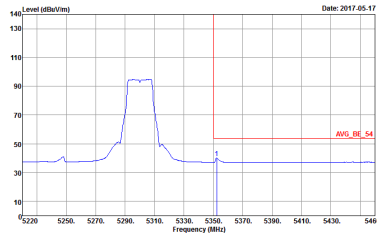
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 4	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 4	Left blank

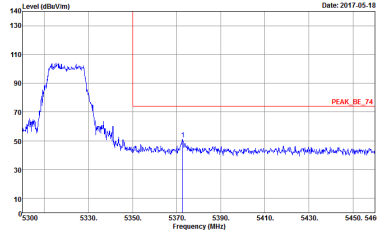
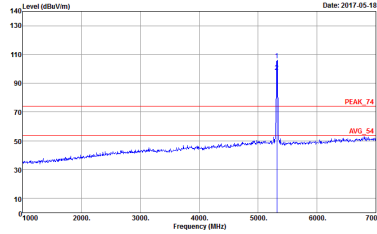
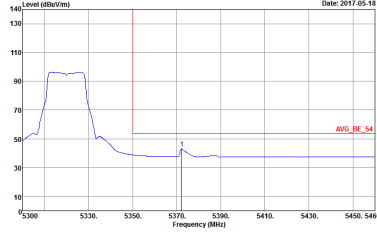
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 5	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 5
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 740122 Mode : 5	Left blank

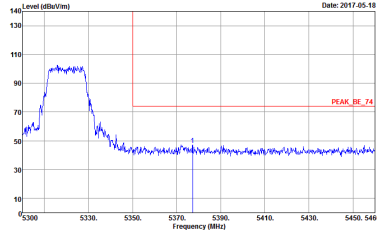
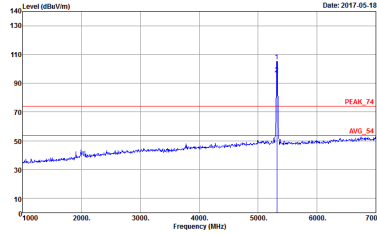
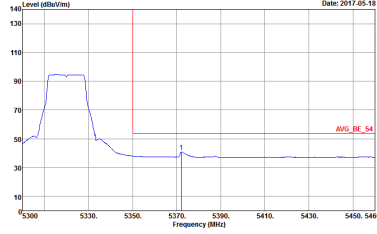


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 5	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 5	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 5	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 5
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 5	Left blank

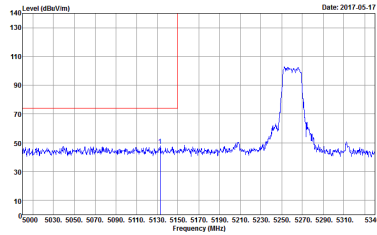
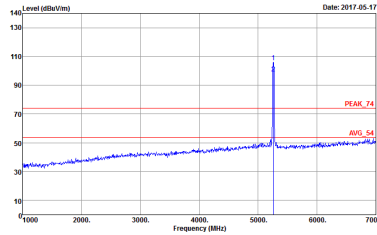
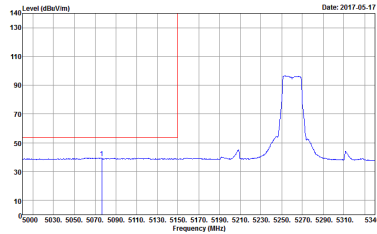
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 5	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 5	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 6	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 6
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 6	Left blank

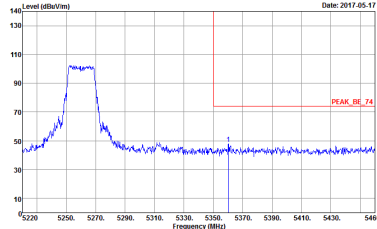
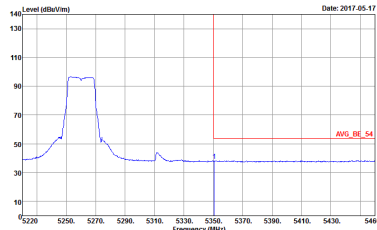
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 6	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 6
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 740122 Mode : 6	Left blank

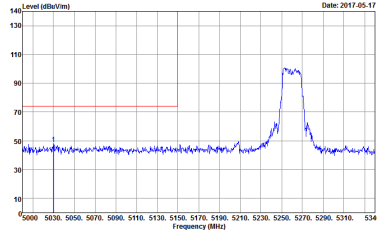
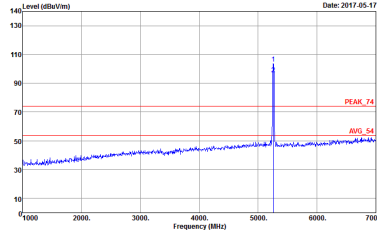
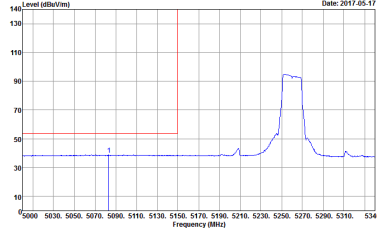
Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

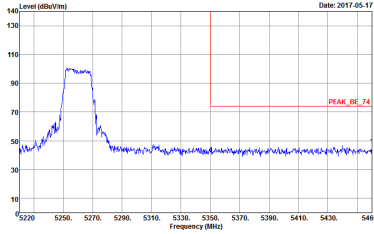
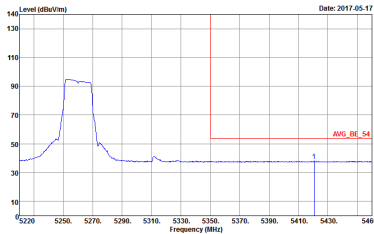
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 13	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 13
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 13	Left blank

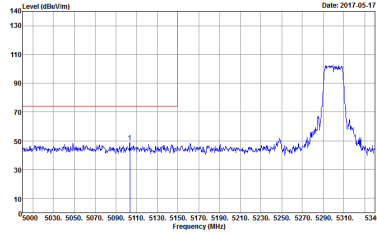
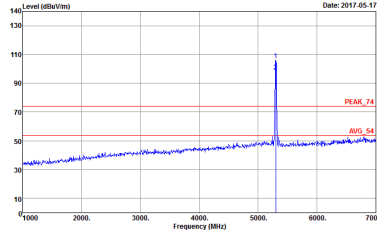
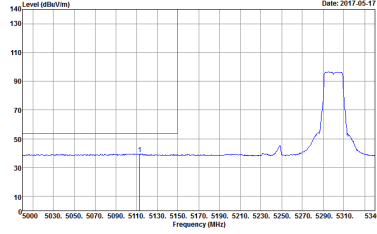


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 13	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 13	Left blank

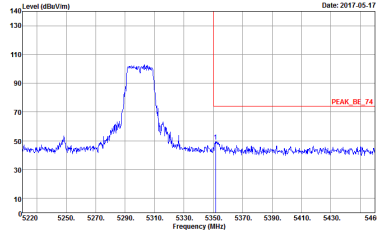
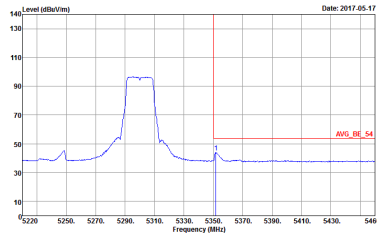
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 13	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 13
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 13	Left blank

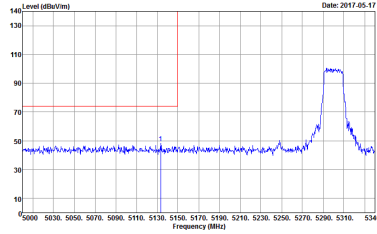
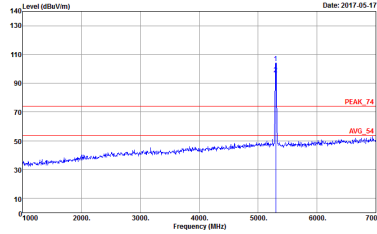
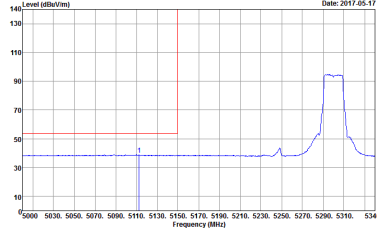


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 740122 Mode : 13	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Project : 740122 Mode : 13	Left blank

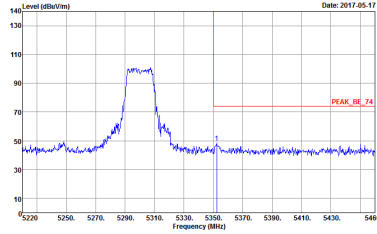
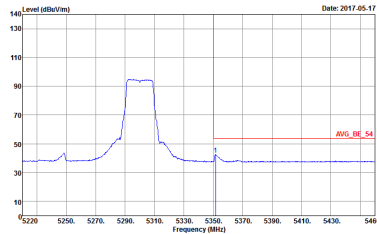
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 14	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 14
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 14	Left blank

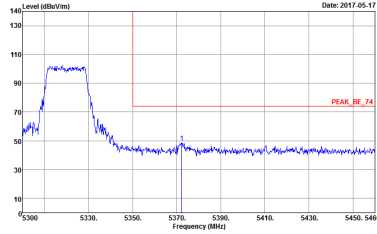
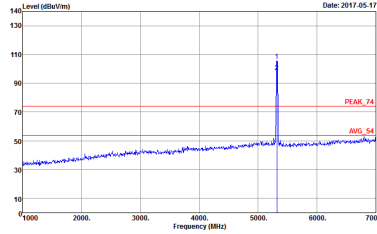
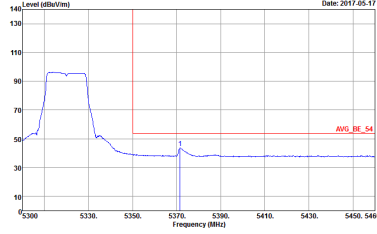


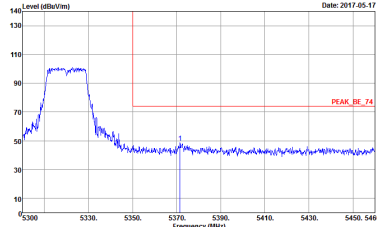
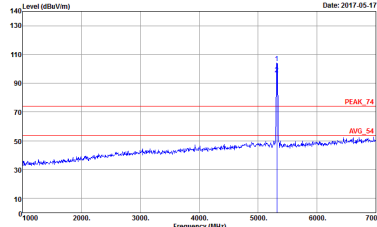
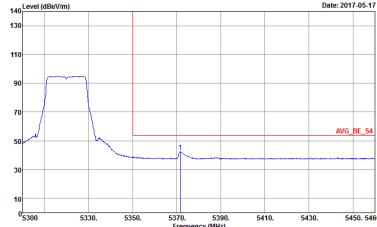
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 14	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 14	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 14	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 14
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 14	Left blank

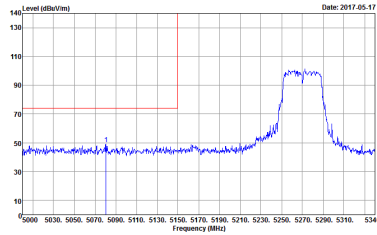
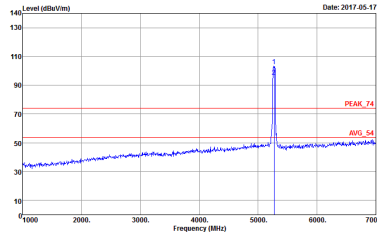
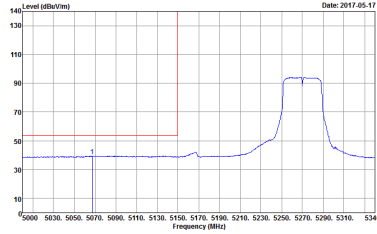


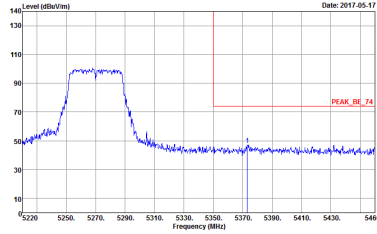
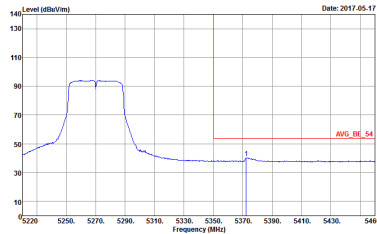
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 14	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 14	Left blank

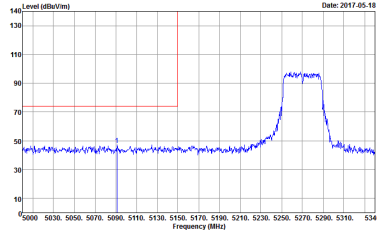
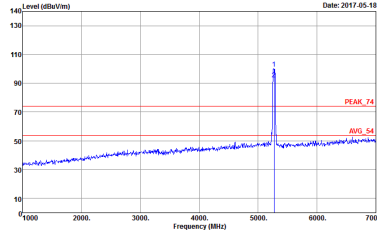
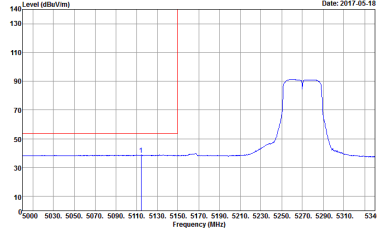
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 15	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 15
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 15	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 15	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 15
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 15	Left blank

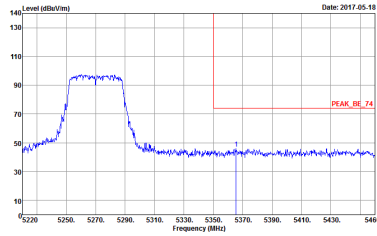
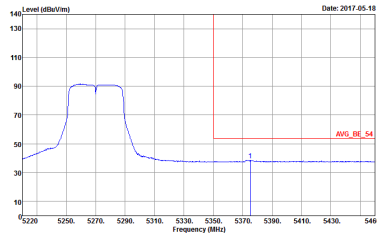
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

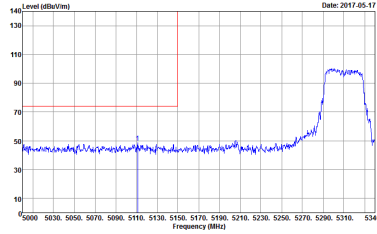
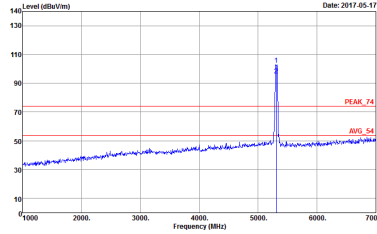
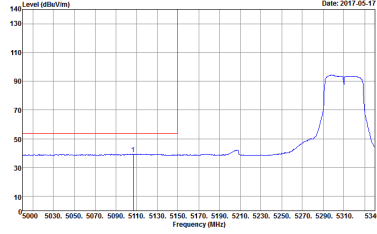
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z1	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z1
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z1	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z1	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z1	Left blank

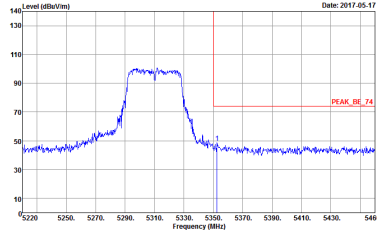
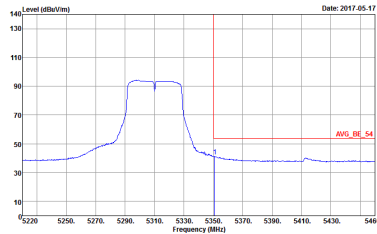
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z1	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z1
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z1	Left blank

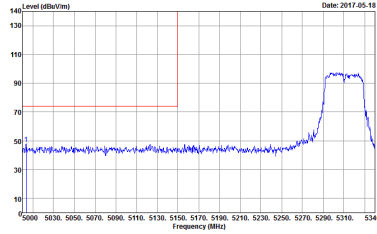
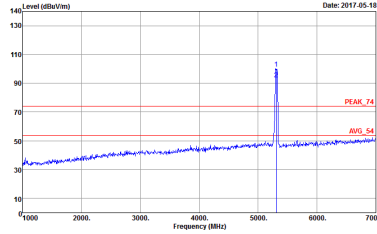
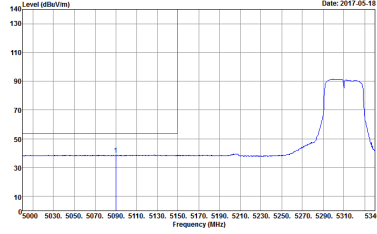


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z1	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z1	Left blank

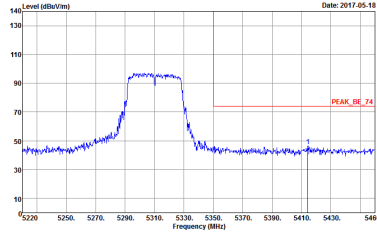
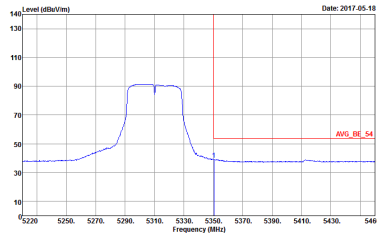
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : ZZ	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : ZZ
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 740122 Mode : ZZ	Left blank



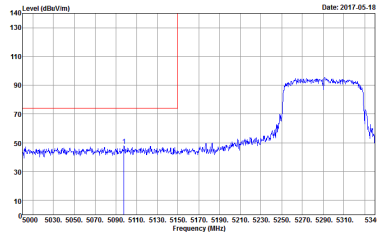
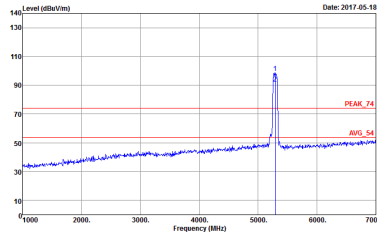
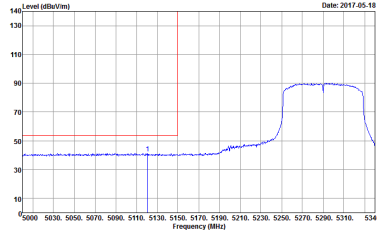
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : ZZ	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : ZZ	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : ZZ	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : ZZ
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : ZZ	Left blank

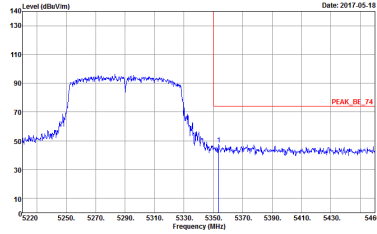
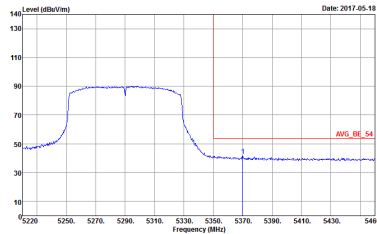


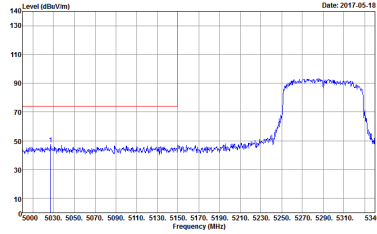
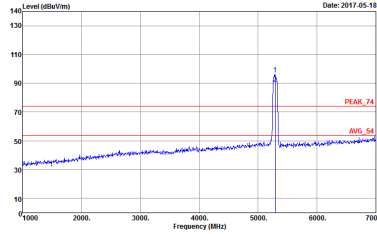
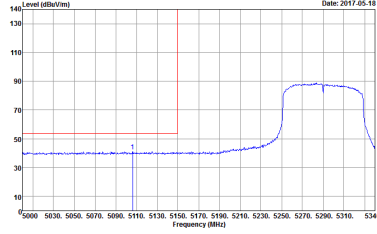
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : ZZ	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : ZZ	Left blank

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

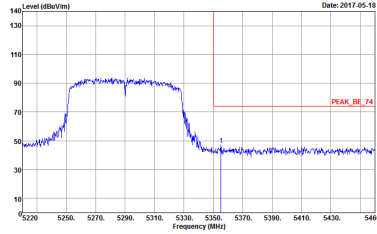
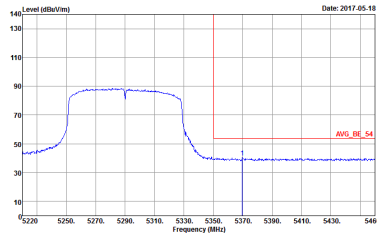
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z7	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z7
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z7	Left blank



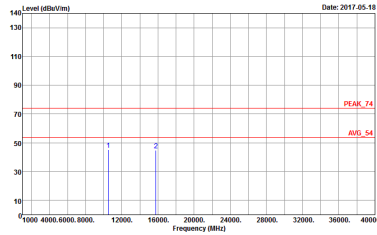
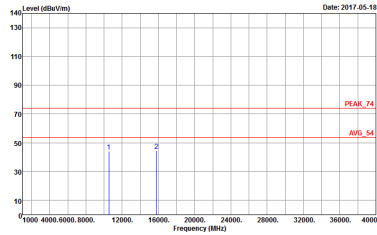
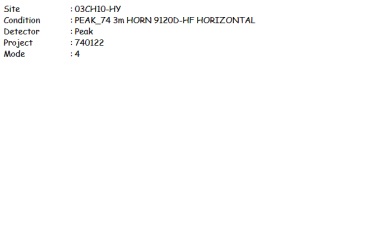
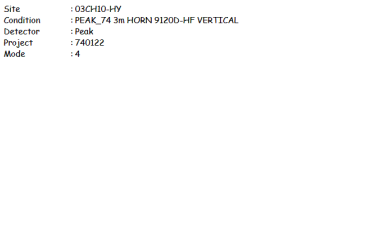
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z7	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z7	Left blank

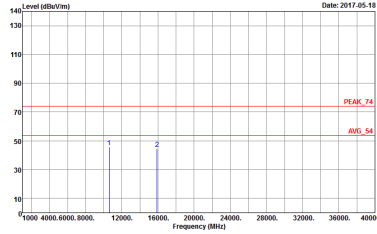
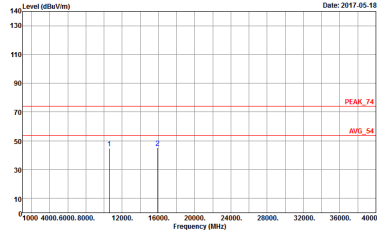
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z7	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z7
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z7	Left blank

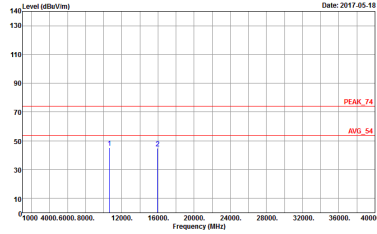
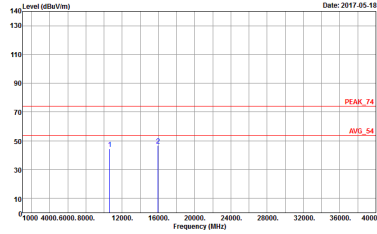


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 740122 Mode : Z7	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000kHz VBW:10.000kHz SWT:Auto Detector : Peak Project : 740122 Mode : Z7	Left blank

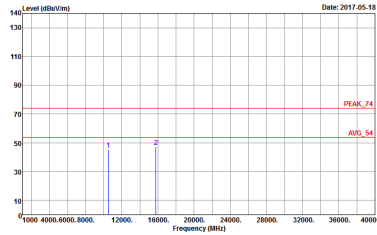
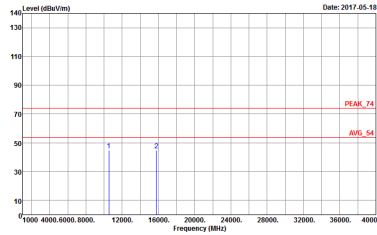
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FV Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 4	 Site : 03CH10-4FV Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 4
	 Site : 03CH10-4FV Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 4	 Site : 03CH10-4FV Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 4

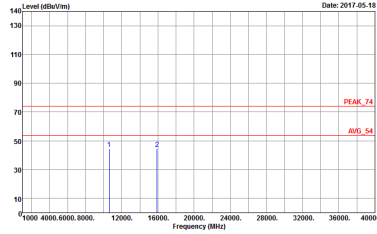
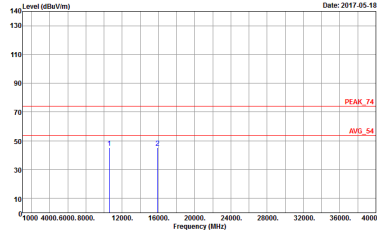
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 5	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 5

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 6	 Site : 03CH10-4HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 6

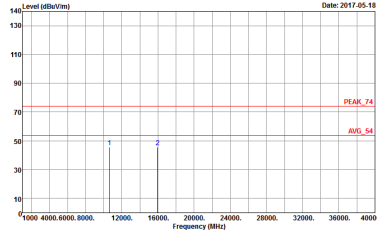
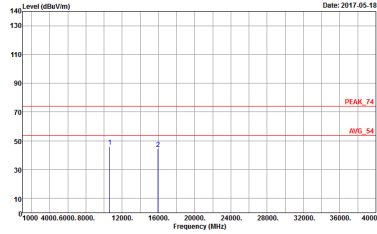
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 13	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 13

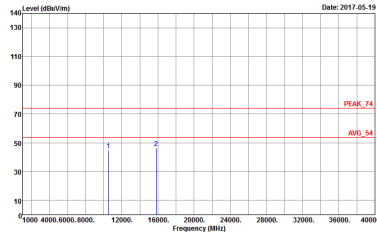
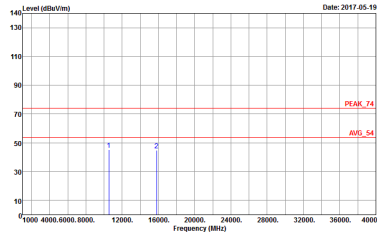


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 14	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 14



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 15	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 15

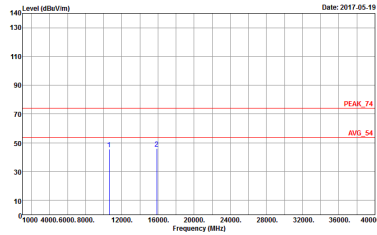
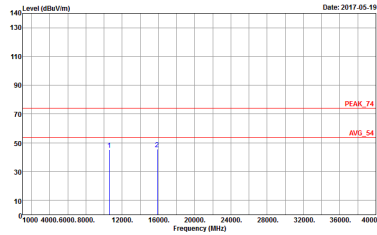
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z1	 Site : 03CH10-4HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z1

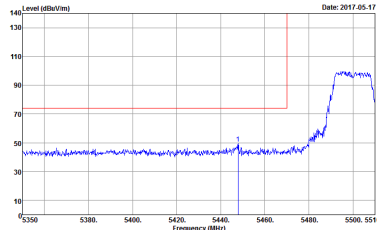
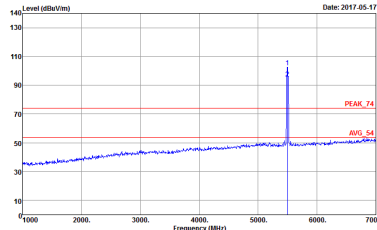
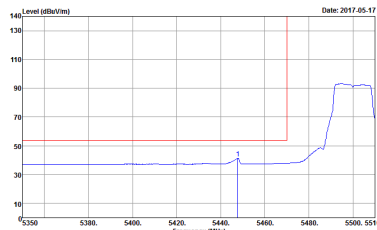


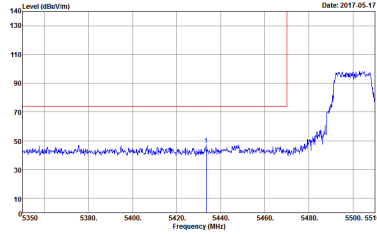
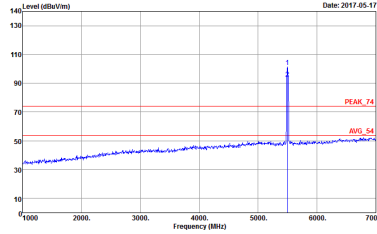
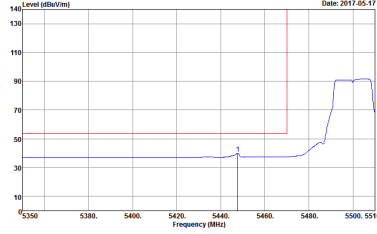
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z2	Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z2

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

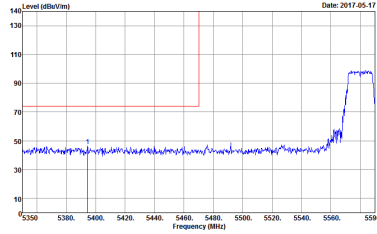
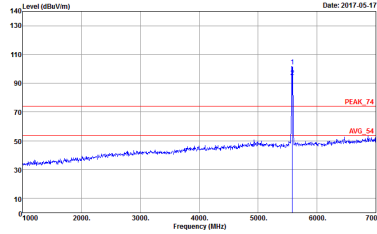
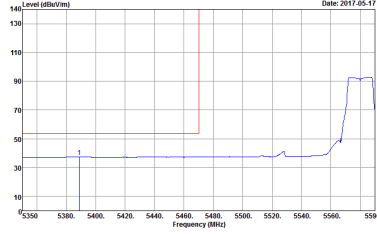
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 27	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 27

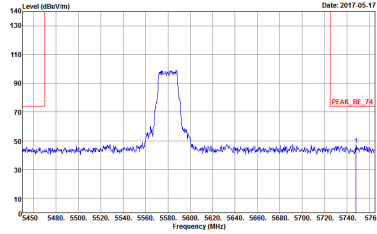
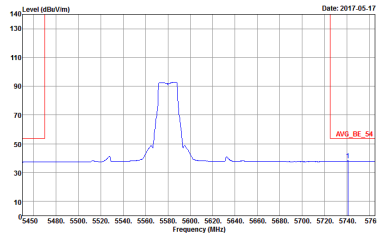
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

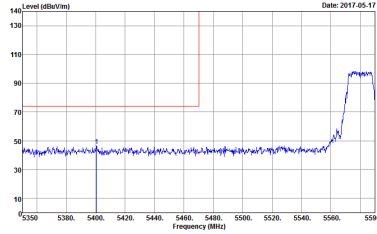
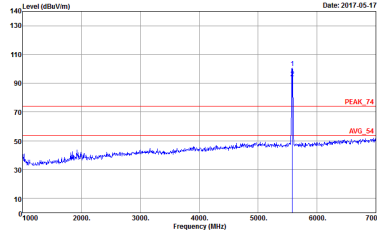
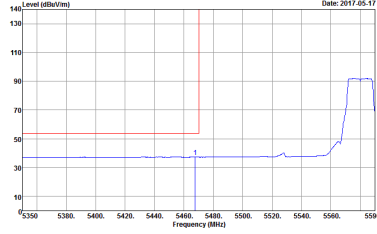
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 7	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 7
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 7	Left blank

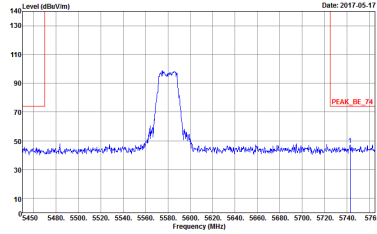
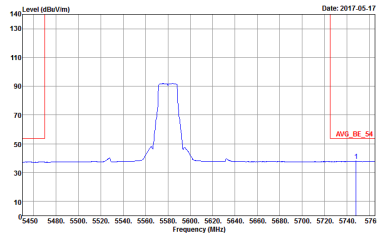
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 7	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 7
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 7	Left blank

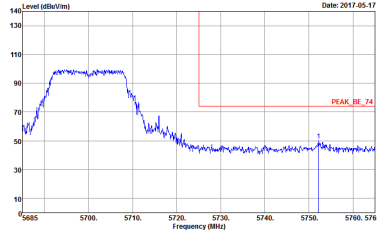
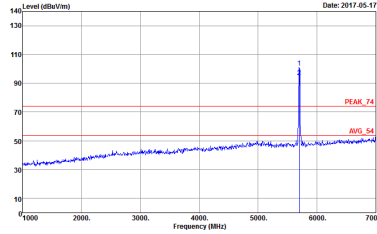
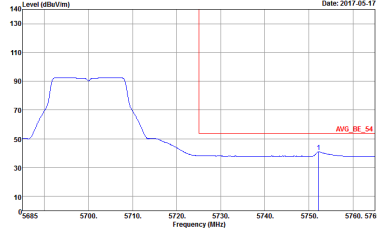


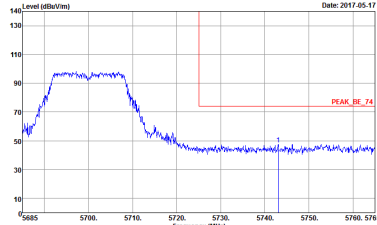
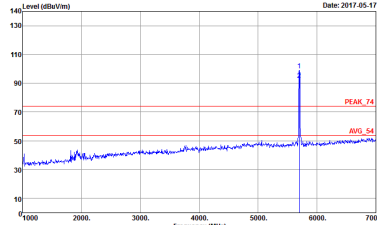
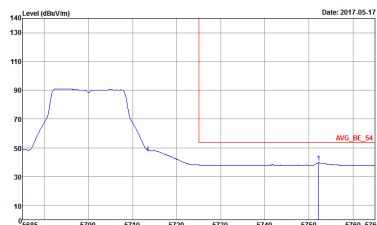
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : B	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : B
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : B	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 8	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 8	Left blank

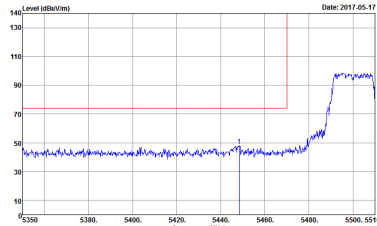
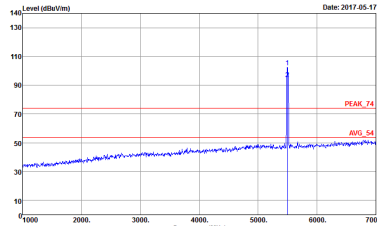
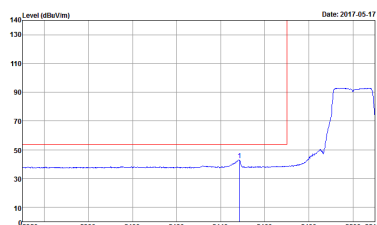
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 8	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 8
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 8	Left blank

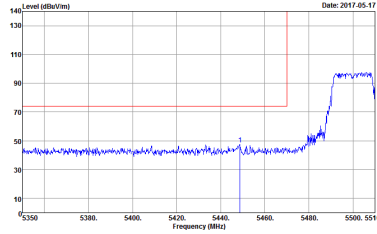
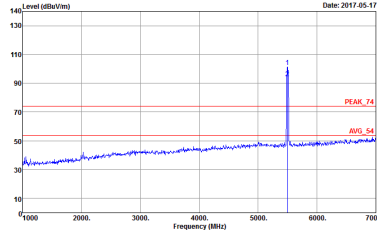
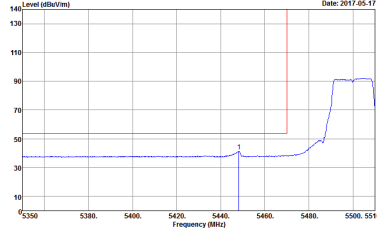
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_76 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : B	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : B	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 9	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 9
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 9	Left blank

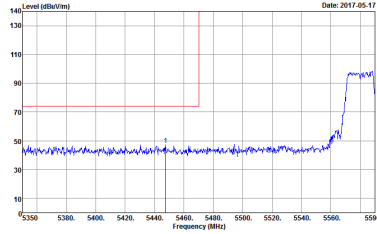
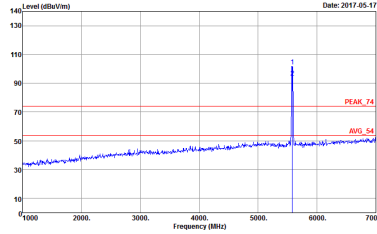
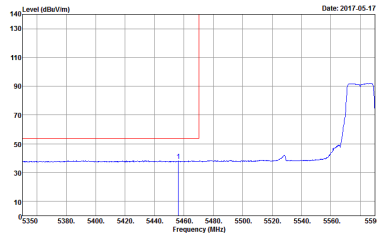
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 9	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 9
	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 9	Left blank

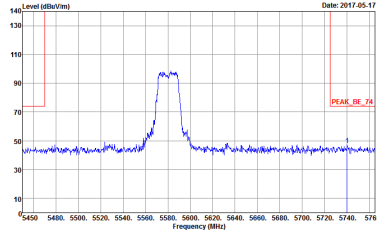
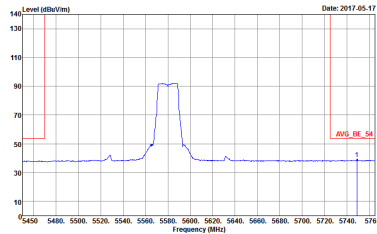
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 16	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 16
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 16	Left blank

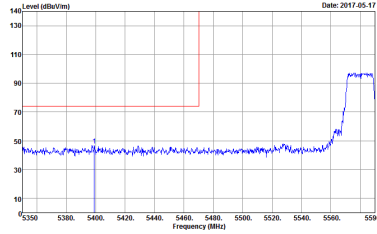
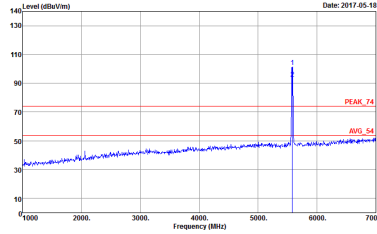
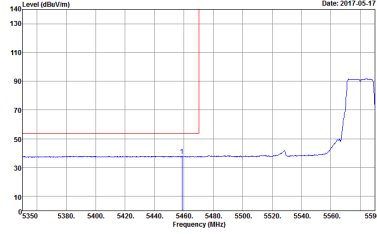
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH10-IHY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 16	 Site : 03CH10-IHY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 16
Avg.	 Site : 03CH10-IHY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 16	Left blank

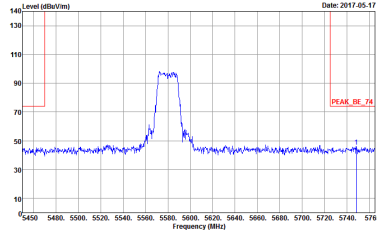
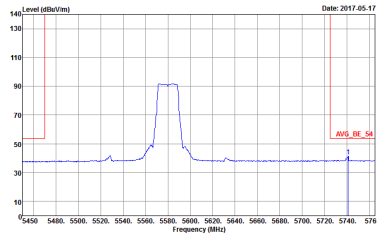


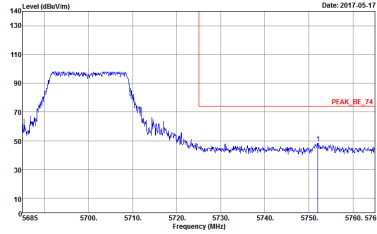
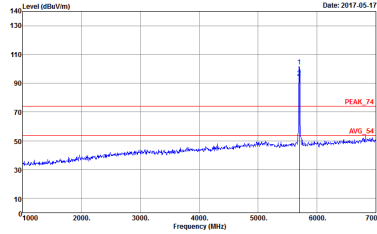
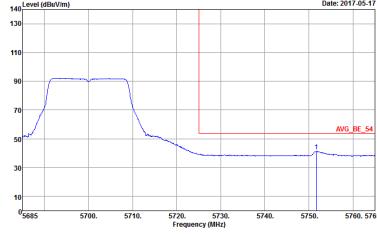
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 17	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 17
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 17	Left blank

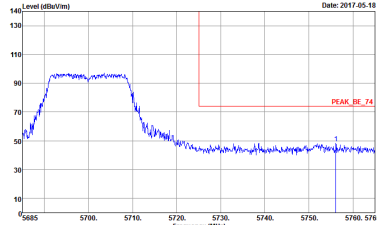
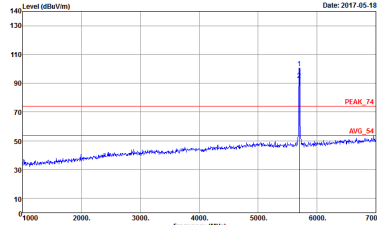
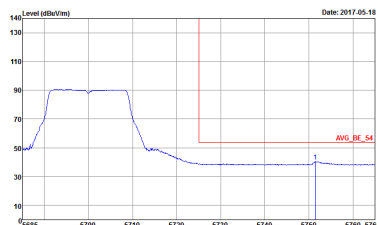
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 17	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 17	Left blank



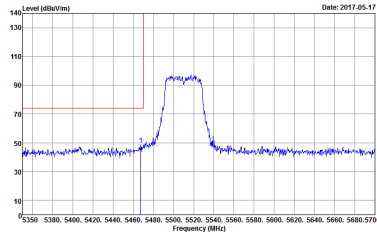
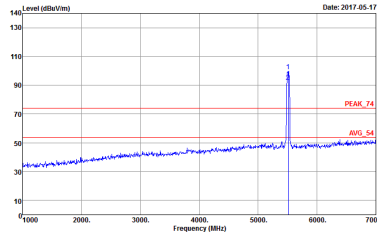
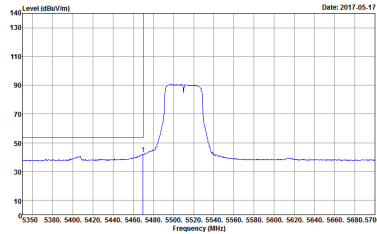
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 17	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 17
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : 17	Left blank

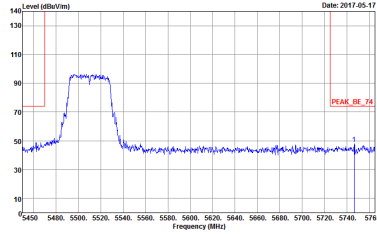
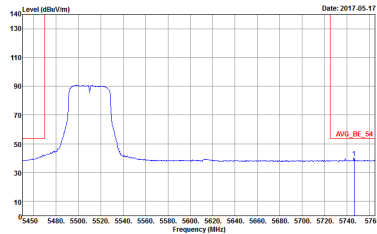
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 17	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 17	Left blank

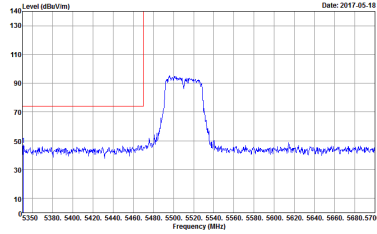
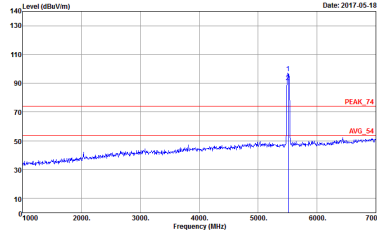
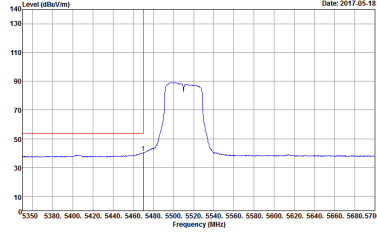
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 18	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 18
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 18	Left blank

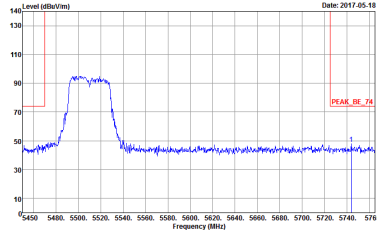
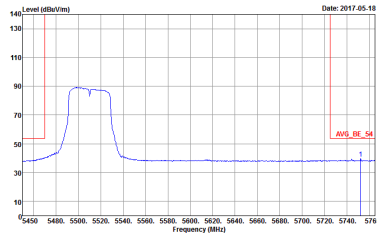
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 18	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 18
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 18	Left blank

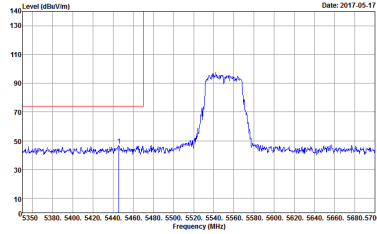
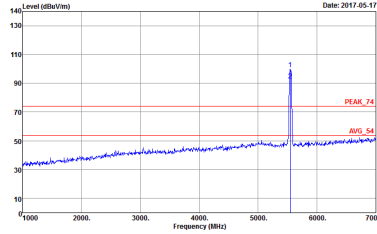
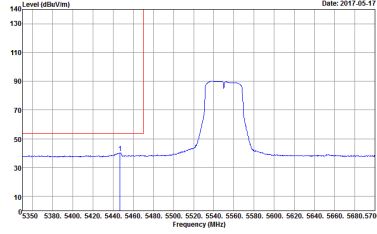
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z3	Left blank

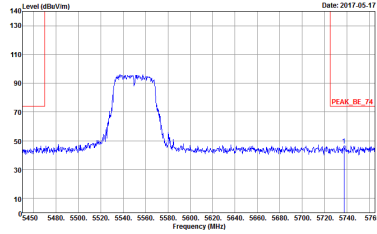
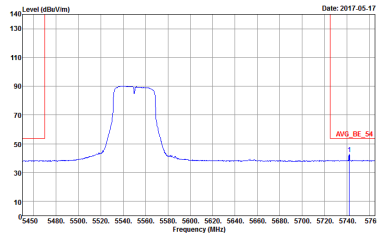
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z3	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z3	Left blank

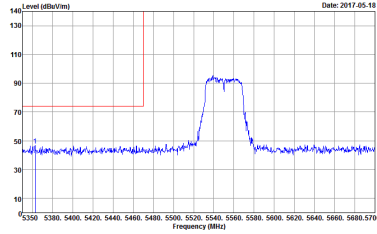
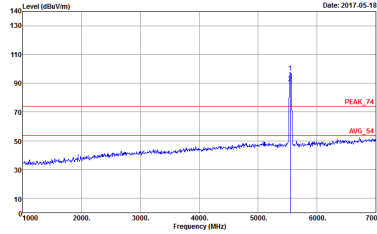
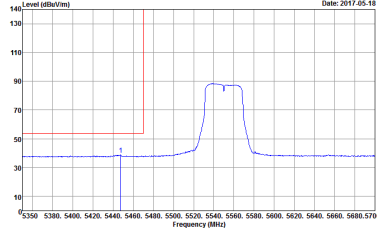
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z3	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z3 Date: 2017-05-18	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z3 Date: 2017-05-18	Left blank

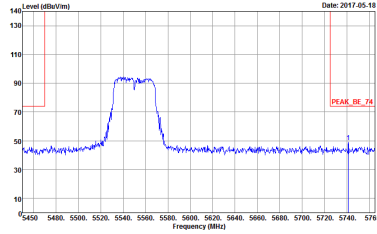
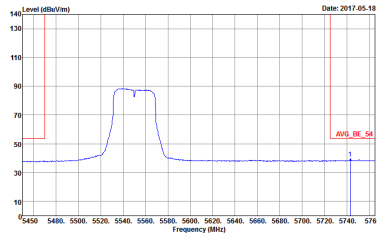
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 24	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 24
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 24	Left blank

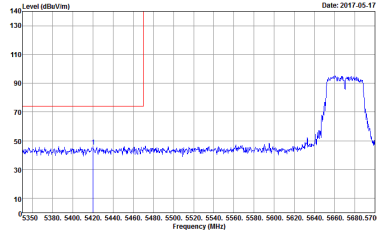
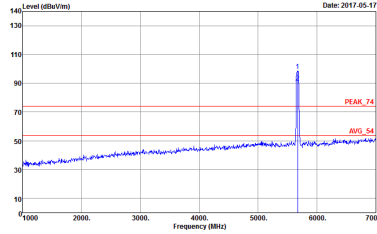
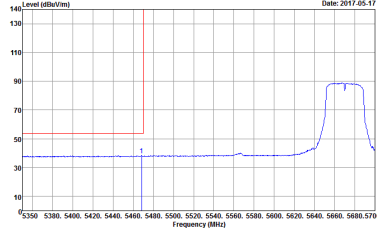


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 24	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 24	Left blank

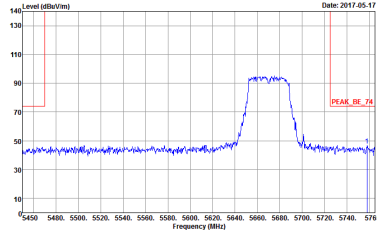
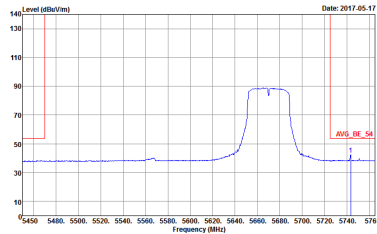
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 24	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 24
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 24	Left blank

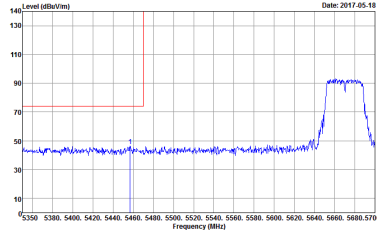
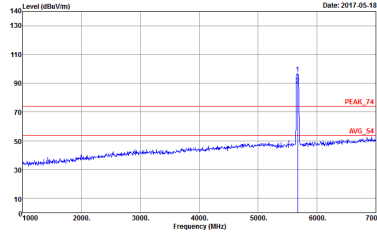
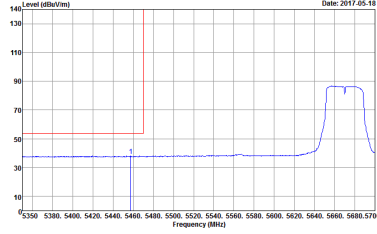


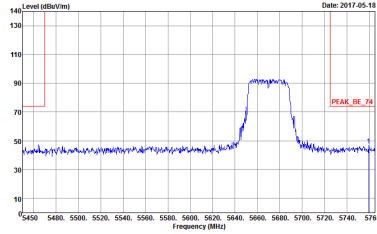
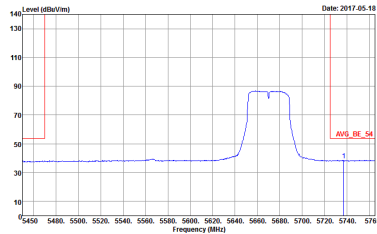
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 24 Date: 2017-05-18	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 24 Date: 2017-05-18	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z5	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z5
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z5	Left blank

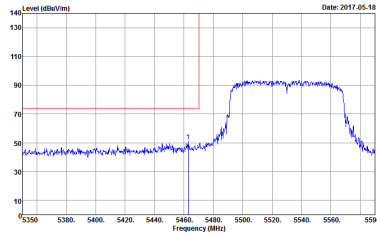
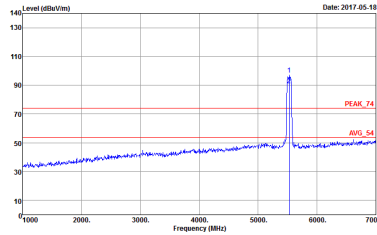
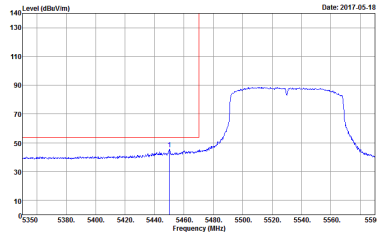


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z5	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z5	Left blank

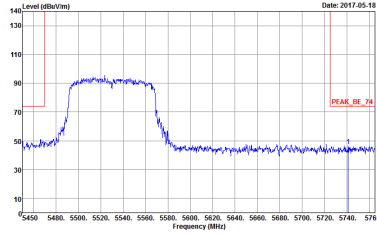
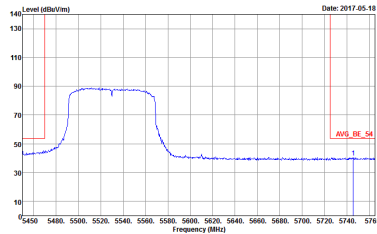
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z5	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z5
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z5	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z5	Left blank

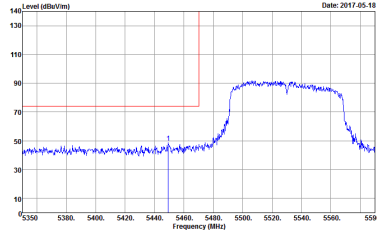
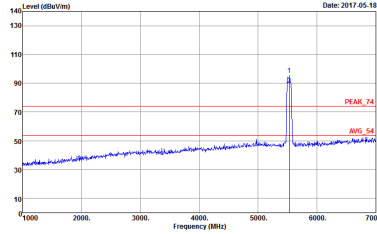
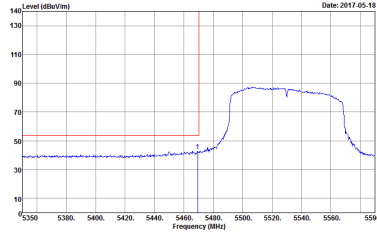
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z8	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z8
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z8	Left blank

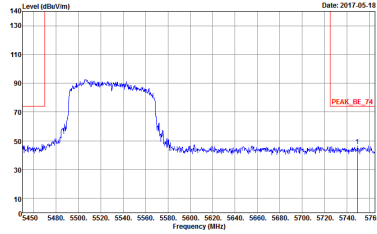
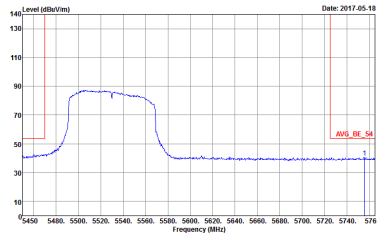


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z8 Date: 2017-05-18	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z8 Date: 2017-05-18	Left blank

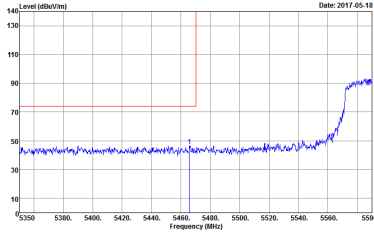
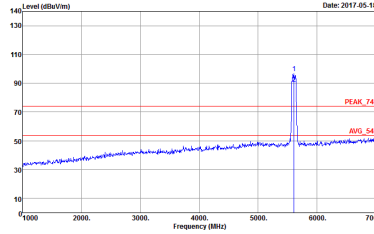
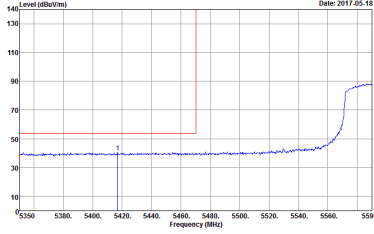


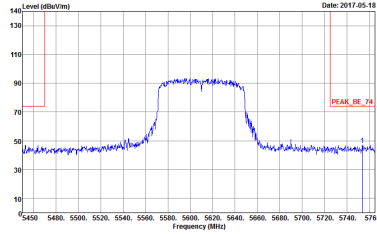
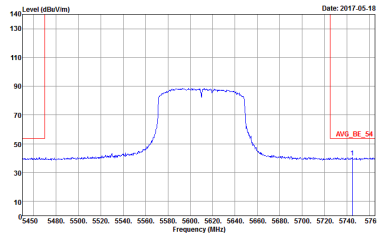
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z8	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z8
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z8	Left blank



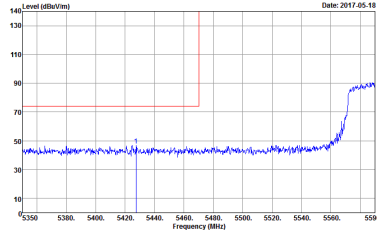
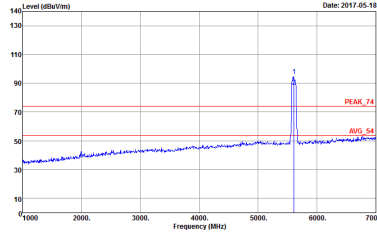
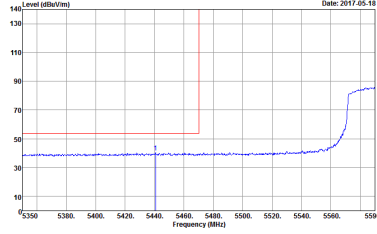
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : ZB	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : ZB	Left blank



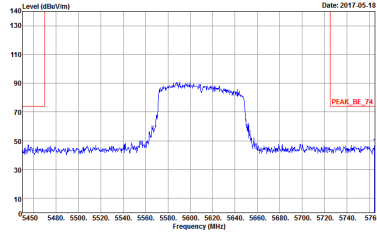
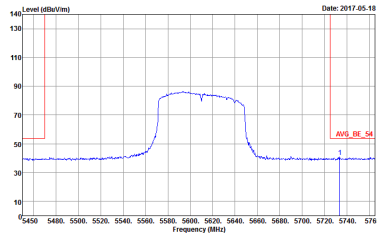
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z9	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z9
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z9	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z9	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z9	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z9	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z9
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto Detector : Peak Project : 740122 Mode : Z9	Left blank

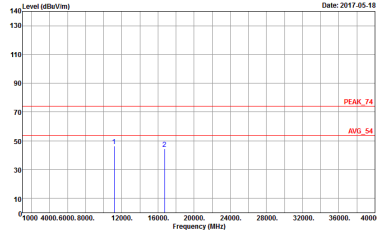
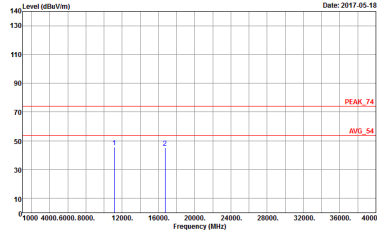


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z9	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z9	Left blank

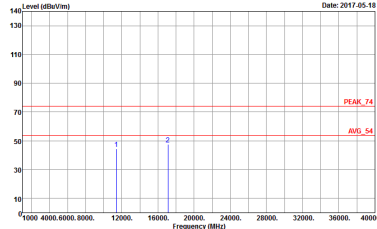
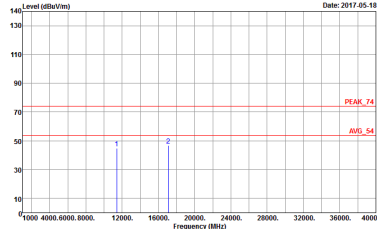


Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

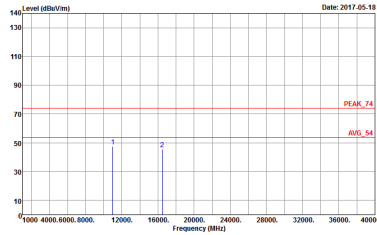
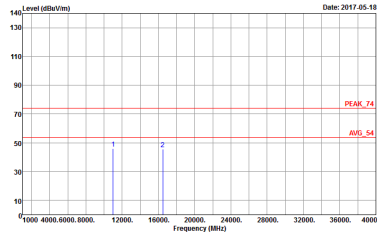
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 7	Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 7

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 8	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 8



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 9	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 9

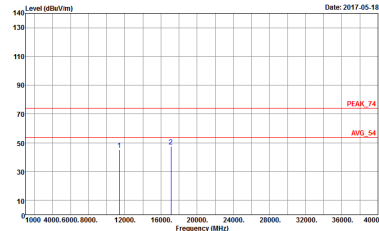
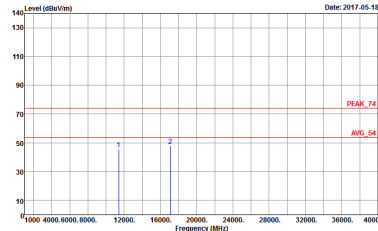
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FV Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 16	 Site : 03CH10-4FV Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 16

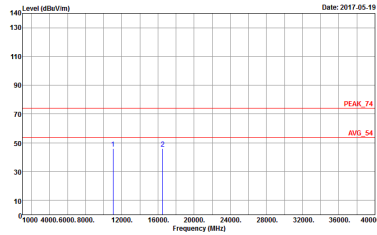
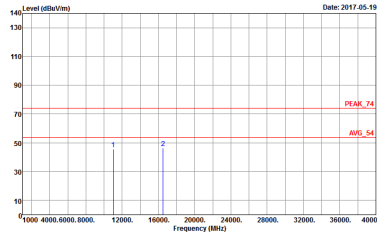


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH10-IHY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 17	Site : 03CH10-IHY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 17

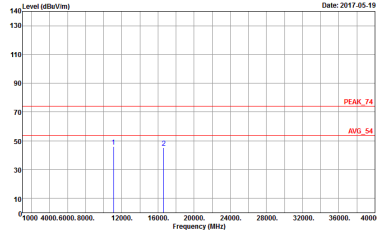
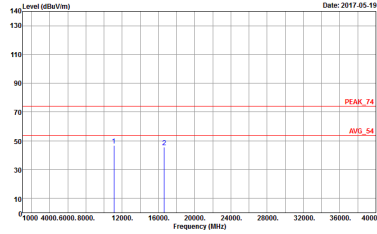


WIFI	Band 3 5470~5725MHz Harmonic @ 3m																					
ANT	802.11n HT20 CH140 5700MHz																					
1	Horizontal	Vertical																				
Peak Avg.	<table><tr><td>Site</td><td>: 03CH10-4FY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m HORN 9120D-HF HORIZONTAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: 740122</td></tr><tr><td>Mode</td><td>: 18</td></tr></table>	Site	: 03CH10-4FY	Condition	: PEAK_74 3m HORN 9120D-HF HORIZONTAL	Detector	: Peak	Project	: 740122	Mode	: 18	<table><tr><td>Site</td><td>: 03CH10-4FY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m HORN 9120D-HF VERTICAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: 740122</td></tr><tr><td>Mode</td><td>: 18</td></tr></table>	Site	: 03CH10-4FY	Condition	: PEAK_74 3m HORN 9120D-HF VERTICAL	Detector	: Peak	Project	: 740122	Mode	: 18
	Site	: 03CH10-4FY																				
Condition	: PEAK_74 3m HORN 9120D-HF HORIZONTAL																					
Detector	: Peak																					
Project	: 740122																					
Mode	: 18																					
Site	: 03CH10-4FY																					
Condition	: PEAK_74 3m HORN 9120D-HF VERTICAL																					
Detector	: Peak																					
Project	: 740122																					
Mode	: 18																					

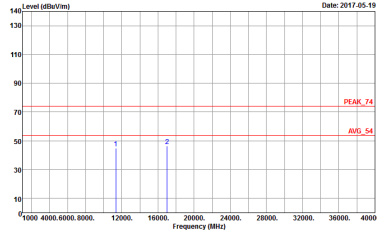
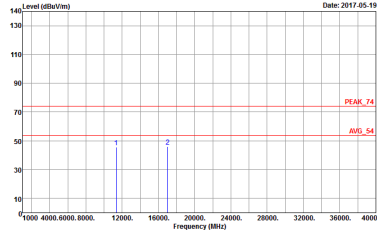
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FV Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z3	 Site : 03CH10-4FV Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : Z3

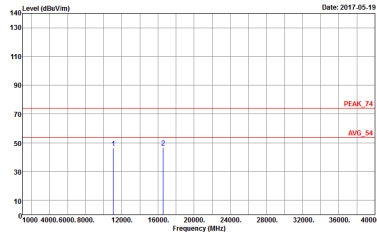
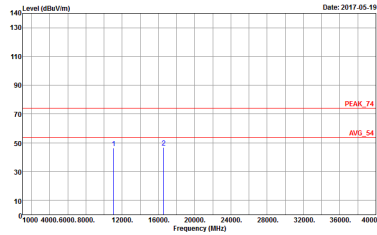


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 24	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 24



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 25	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : 25

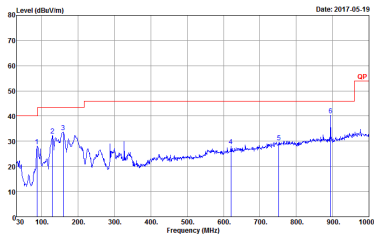
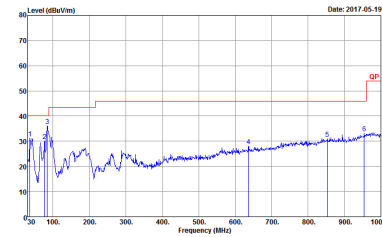
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 740122 Mode : 28	 Site : 03CH10-4FY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 740122 Mode : 28



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH10-IHY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 740122 Mode : Z9	Site : 03CH10-IHY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 740122 Mode : Z9

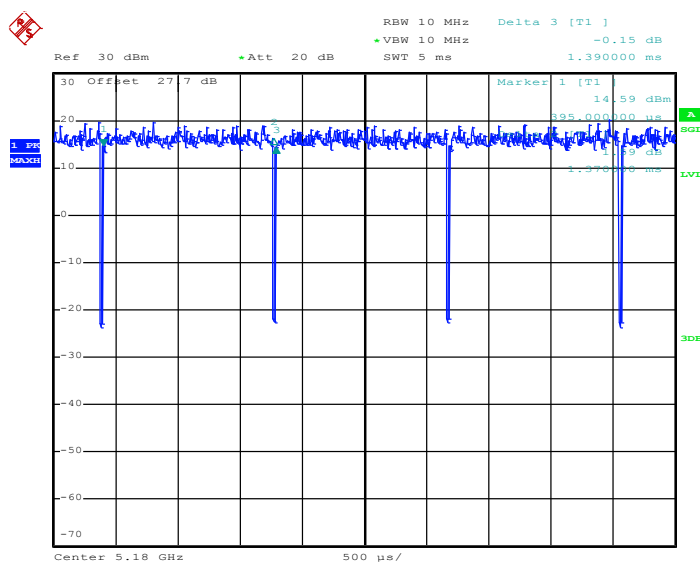
Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH10-4HY Condition : QP 3m BT-LOG 6111D-LF HORIZONTAL Detector : Peak Project : 740122 Mode : 30	 Site : 03CH10-4HY Condition : QP 3m BT-LOG 6111D-LF VERTICAL Detector : Peak Project : 740122 Mode : 30

Appendix E. Duty Cycle Plots

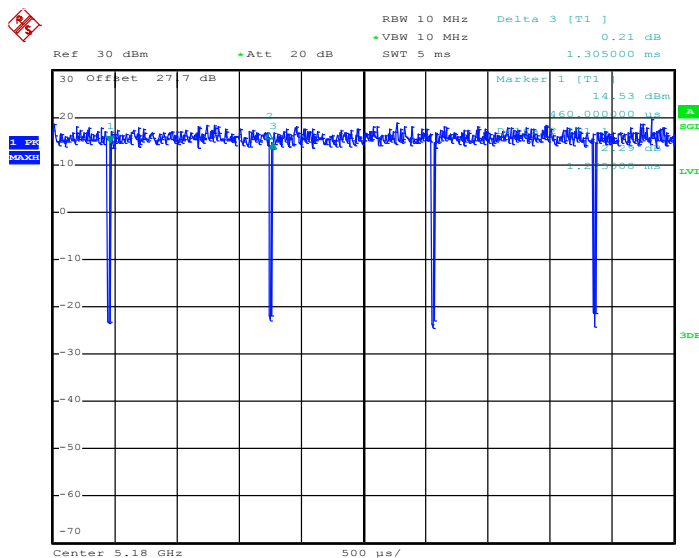
Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
802.11a	98.56	1370.00	0.73	10Hz
5GHz 802.11n HT20	97.70	1275.00	0.78	1kHz
5GHz 802.11n HT40	97.62	1230.00	0.81	1kHz
5GHz 802.11ac VHT80	91.79	246	-	30Hz

802.11a



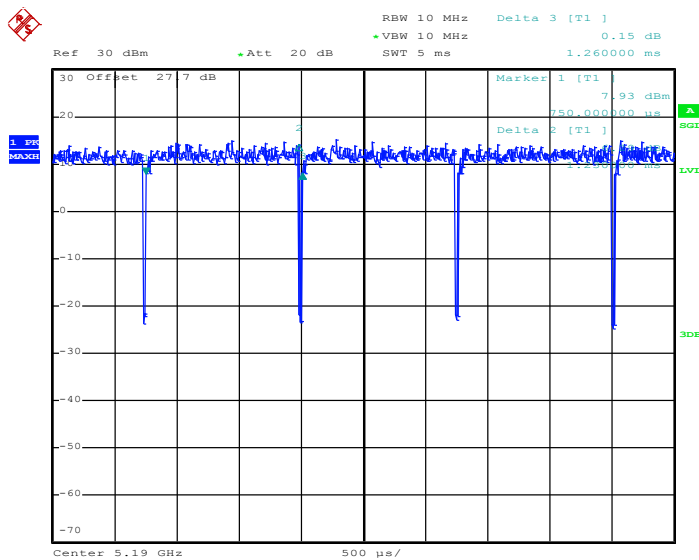
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802.11n HT20



Date: 4.MAY.2017 15:59:54

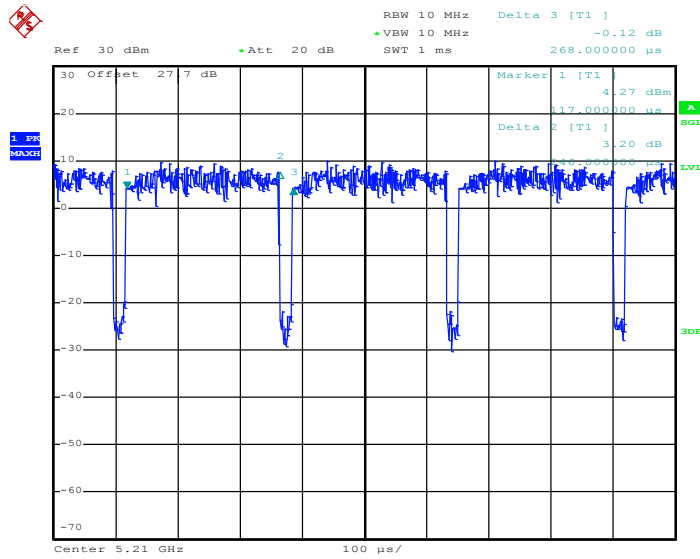
802.11n HT40



Date: 4.MAY.2017 16:01:45



802.11ac VHT80



Date: 4.MAY.2017 16:04:21