



FCC RF Test Report

APPLICANT : HTC Corporation
EQUIPMENT : Smartphone
MODEL NAME : 2PWD100
FCC ID : NM82PWD100
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure

The product was received on Jul. 25, 2016 and testing was completed on Aug. 31, 2016. 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



SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.



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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)	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm (depend on band)	Pass	-
3.4	15.407(b)	Unwanted Emissions	≤ -17, -27 dBm (depend on band) & 15.209(a)	Pass	Under limit 0.17 dB at 5350.080 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 17.00 dB at 0.462 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

HTC Corporation

No. 23, Xinghua Rd., Taoyuan District, Taoyuan City, Taiwan 330

1.2 Manufacturer

HTC Corporation

No. 23, Xinghua Rd., Taoyuan District, Taoyuan City, Taiwan 330

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smartphone
Model Name	2PWD100
FCC ID	NM82PWD100
Sample 1	EUT with battery 1 and LCD panel 1_black
Sample 2	EUT with battery 2 and LCD panel 2_white
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/NFC WLAN 11a/b/g/n HT20/HT40 Bluetooth EDR/LE
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.



1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5580 MHz 5660 MHz ~ 5700 MHz
Maximum Output Power to Antenna	<5180 MHz ~ 5240 MHz> 802.11a : 16.83 dBm / 0.0482 W 802.11n HT20 : 17.26 dBm / 0.0532 W 802.11n HT40 : 16.21 dBm / 0.0418 W <5260 MHz ~ 5320 MHz> 802.11a : 16.50 dBm / 0.0447 W 802.11n HT20 : 16.97 dBm / 0.0498 W 802.11n HT40 : 15.71 dBm / 0.0372 W <5500 MHz ~ 5580 MHz and 5660 MHz ~ 5700 MHz > 802.11a : 16.53 dBm / 0.0450 W 802.11n HT20 : 16.63 dBm / 0.0460 W 802.11n HT40 : 16.80 dBm / 0.0479 W
99% Occupied Bandwidth	802.11a : 20.85 MHz 802.11n HT20 : 22.65 MHz 802.11n HT40 : 42.80 MHz
Antenna Type	PIFA Antenna with gain -3.00 dBi
Type of Modulation	OFDM (BPSK / QPSK / 16QAM / 64QAM)

1.5 Modification of EUT

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



1.6 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1022 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.	
	TH02-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.	
	03CH12-HY	

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

1.7 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 v01r03
- ♦ 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

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: conducted emission (150 kHz to 30 MHz) and radiated emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z plane) were recorded in this report.

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

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5600 MHz and 5650-5725 MHz Band 3 (U-NII-2C)	100	5500	116	5580
	102	5510	132	5660
	104	5520	134	5670
	108	5540	136	5680
	110	5550	140	5700
	112	5560		

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



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

Remark: For radiated spurious emissions, the test was performed with USB Cable 2, Adapter 1, Earphone 1, and Sample 1.

AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Link + WLAN (5GHz) Link + USB Cable 2 (Charging from Adapter 2) + Earphone 2 + MP3 for Sample 1
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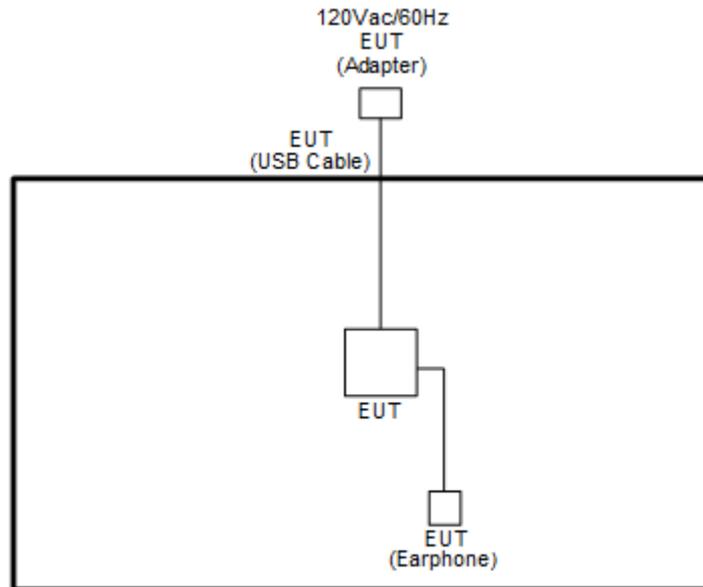
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5600 MHz and 5650-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5600 MHz and 5650-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

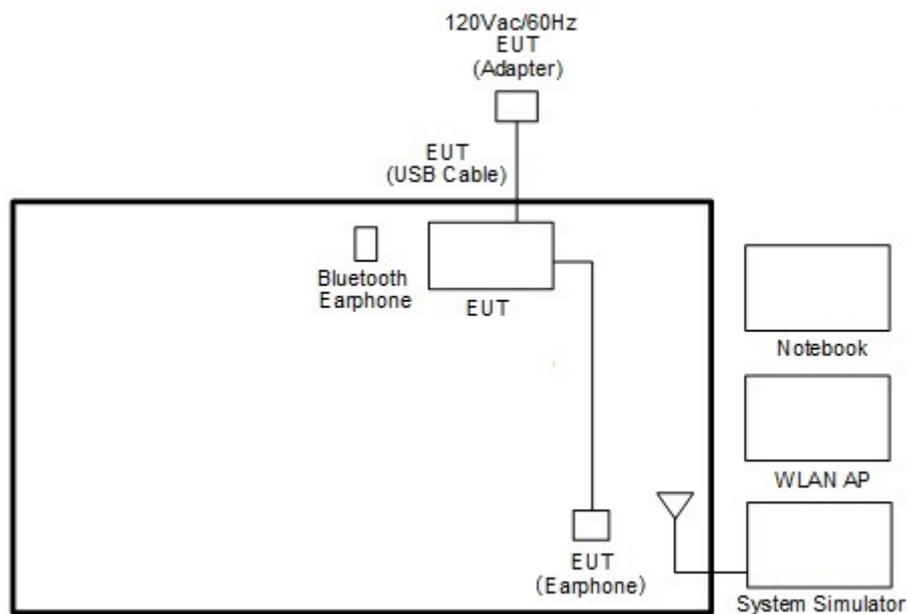
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5600 MHz and 5650-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>





2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
3.	WLAN AP	D-Link	DIR-628	KA2DIR628A2	N/A	Unshielded, 1.8 m
4.	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
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program (was provided and enabled to make EUT continuous transmit/receive).

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.

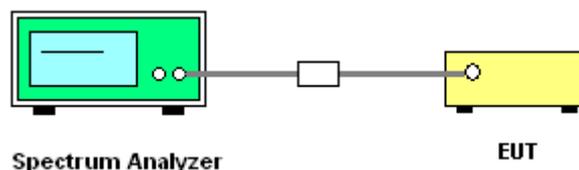
3.1.2 Measuring Instruments

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 v01r03.
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) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

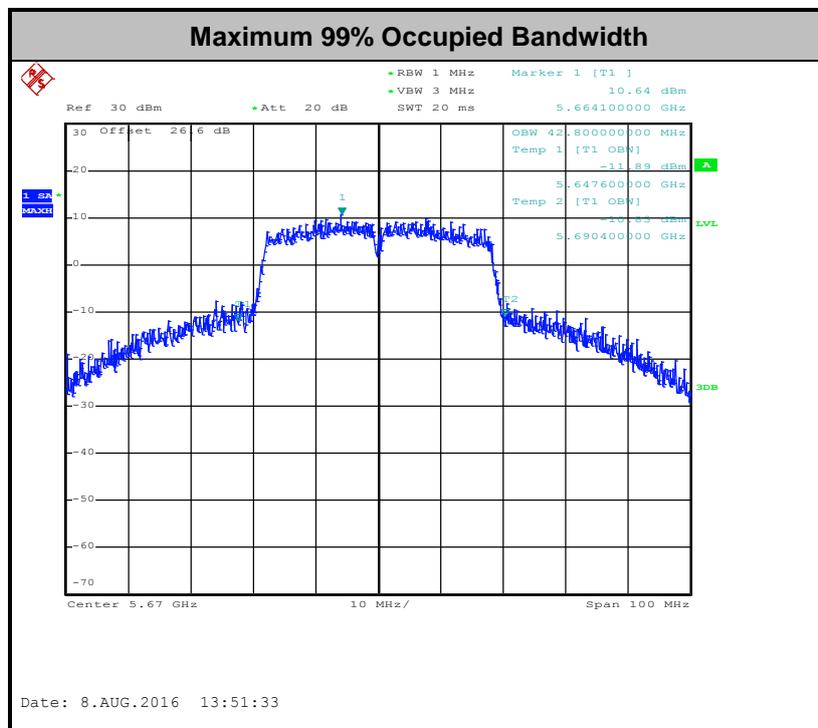
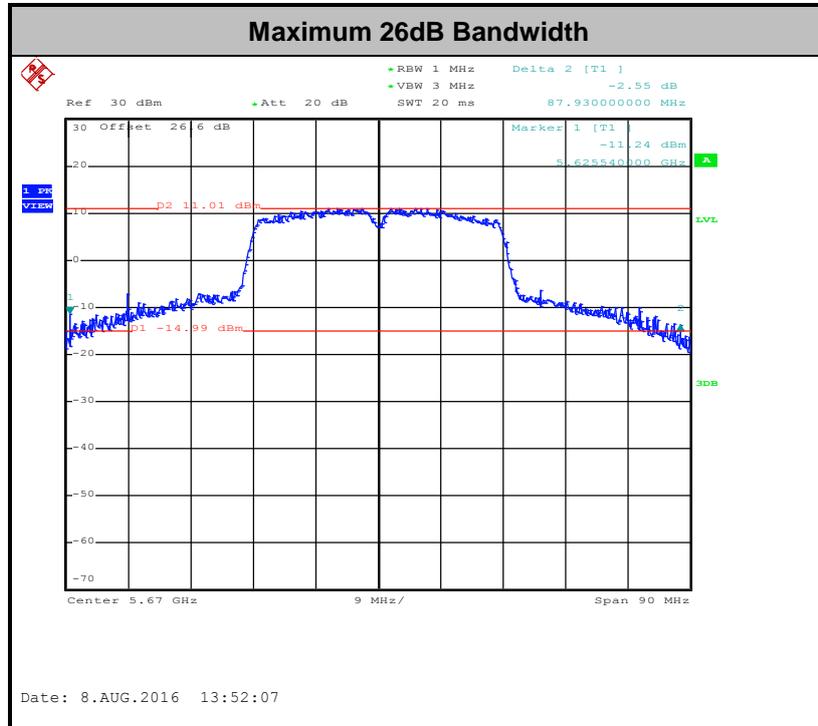
3.1.4 Test Setup





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

Please refer to Appendix A.





3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

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 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz.

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

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

3.2.2 Measuring Instruments

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

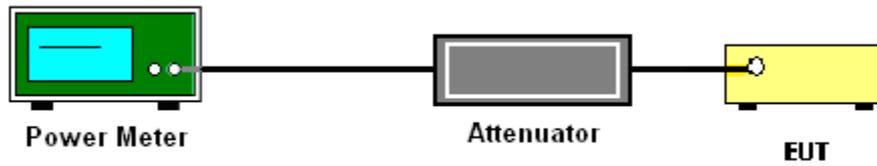
3.2.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03.

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

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 5.25–5.35 GHz and 5.47–5.725 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 v01r03. 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 v01r03.
 - 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.



3.4 Unwanted Radiated Emission Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part15.205.

3.4.1 Limit of Unwanted Emissions

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

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

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

(2) Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 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.

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
-17	78.3
- 27	68.3



- (3) KDB789033 D02 v01r03 G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

3.4.2 Measuring Instruments

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

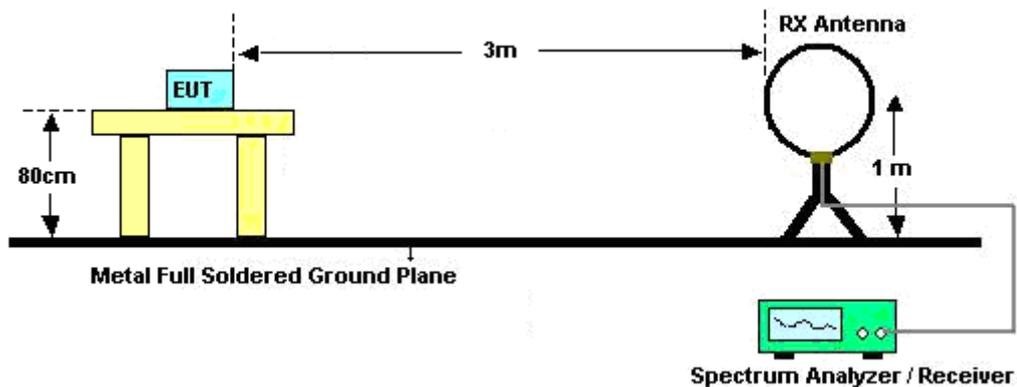
3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03. 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.

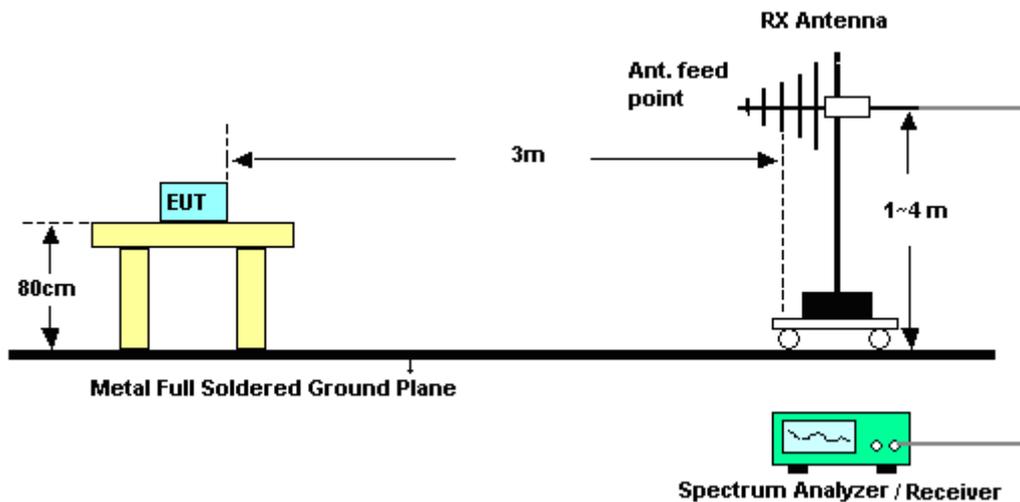
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, 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

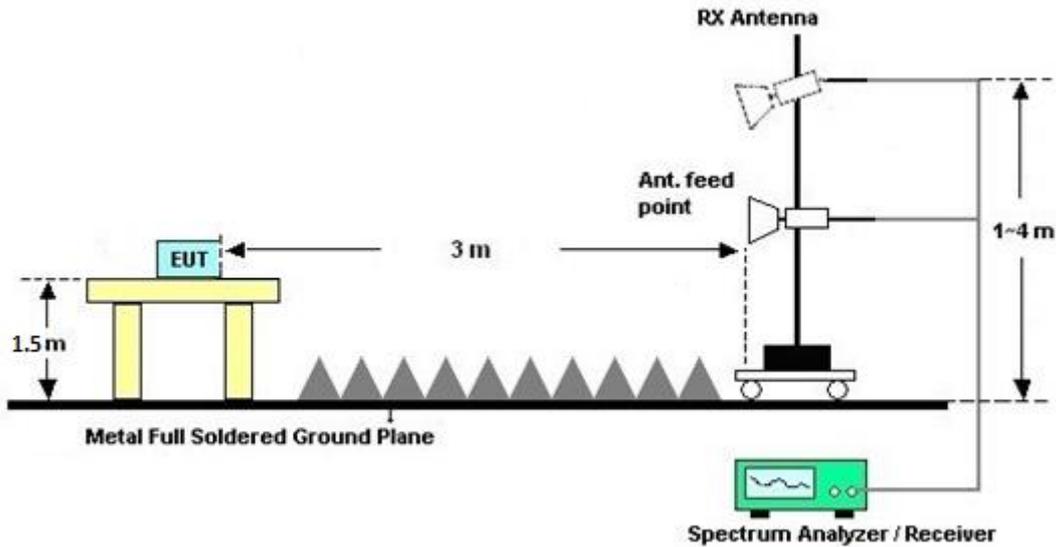
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix B and C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix B and C.



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.

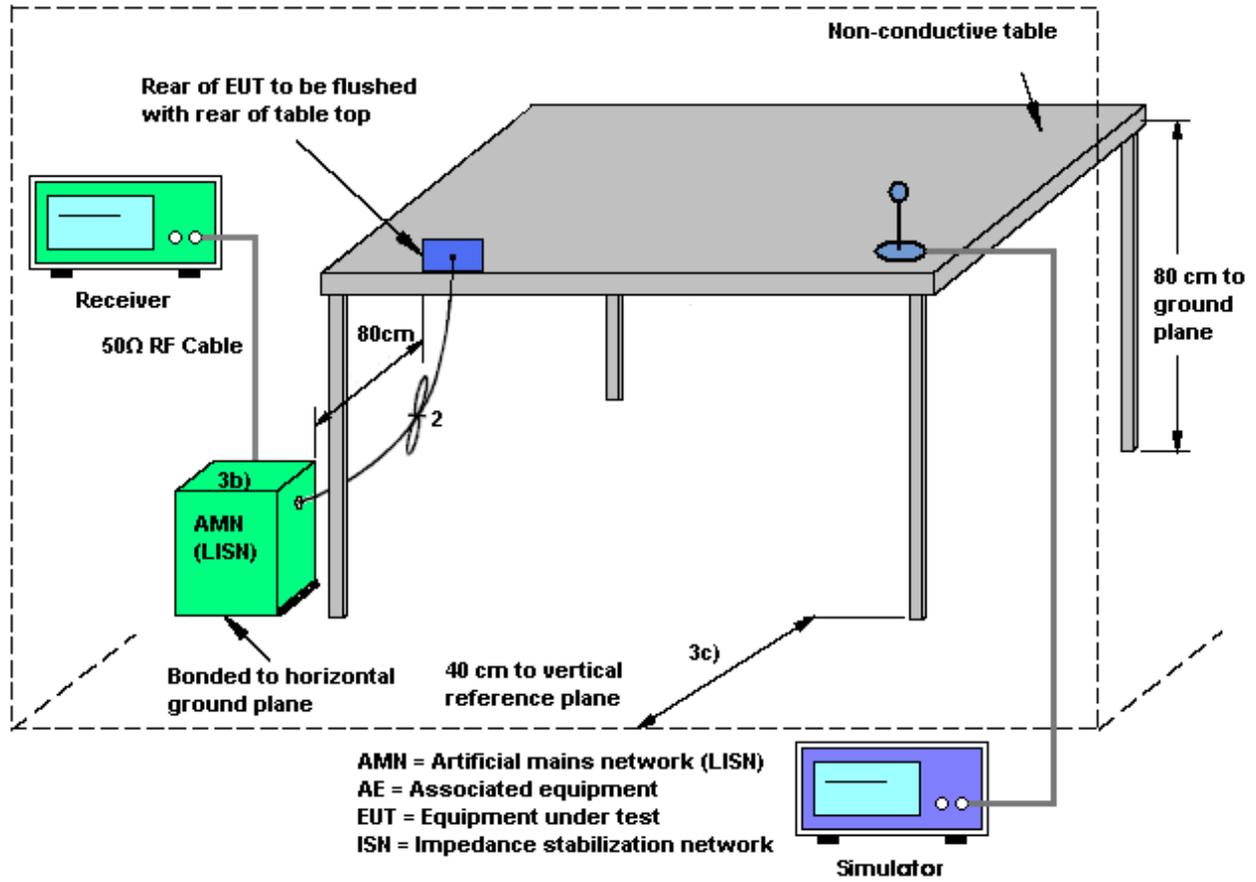
3.5.2 Measuring Instruments

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.

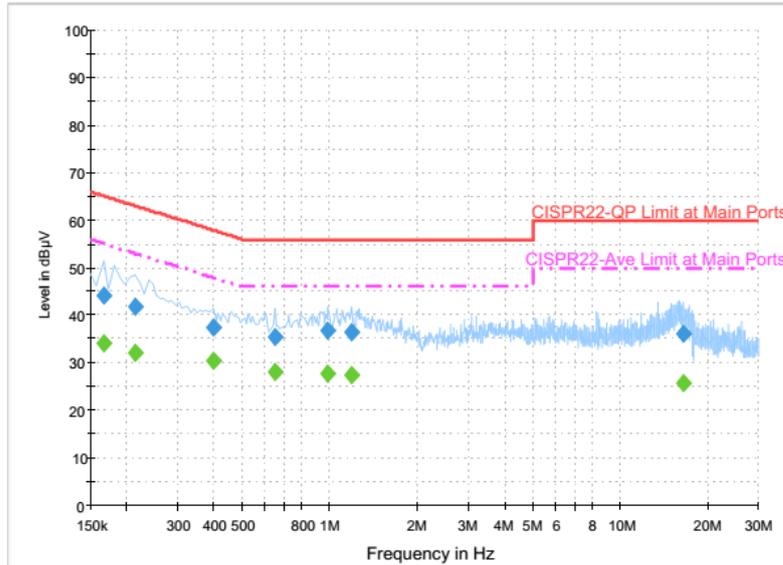
3.5.4 Test Setup





3.5.5 Test Result of AC Conducted Emission

Test Mode :	Mode 1	Temperature :	24~25°C
Test Engineer :	Kai-Chun Chu	Relative Humidity :	44~45%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	GSM850 Idle + Bluetooth Link + WLAN (5GHz) Link + USB Cable 2 (Charging from Adapter 2) + Earphone 2 + MP3 for Sample 1		



Final Result : QuasiPeak

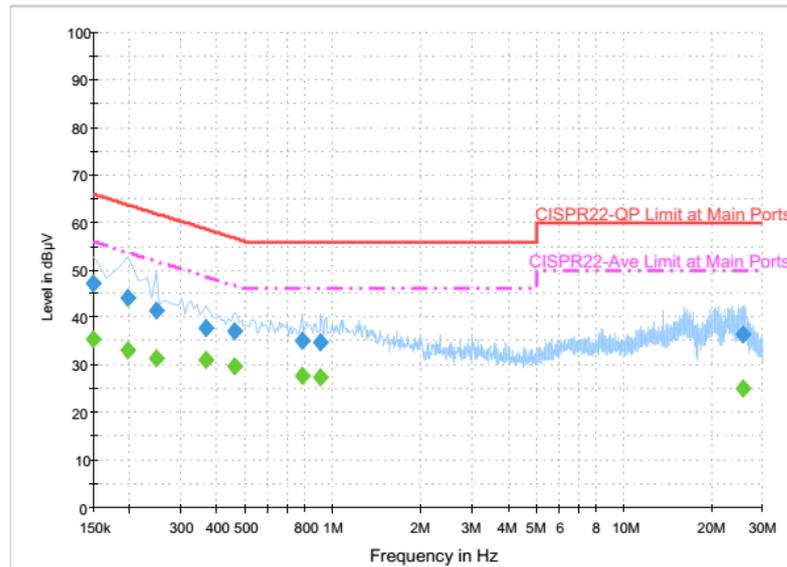
Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.166000	44.3	Off	L1	19.6	20.9	65.2
0.214000	41.9	Off	L1	19.6	21.1	63.0
0.398000	37.3	Off	L1	19.6	20.6	57.9
0.646000	35.5	Off	L1	19.6	20.5	56.0
0.990000	36.9	Off	L1	19.7	19.1	56.0
1.190000	36.6	Off	L1	19.7	19.4	56.0
16.550000	36.2	Off	L1	20.5	23.8	60.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.166000	34.1	Off	L1	19.6	21.1	55.2
0.214000	32.0	Off	L1	19.6	21.0	53.0
0.398000	30.5	Off	L1	19.6	17.4	47.9
0.646000	28.0	Off	L1	19.6	18.0	46.0
0.990000	27.8	Off	L1	19.7	18.2	46.0
1.190000	27.4	Off	L1	19.7	18.6	46.0
16.550000	25.9	Off	L1	20.5	24.1	50.0



Test Mode :	Mode 1	Temperature :	24~25°C
Test Engineer :	Kai-Chun Chu	Relative Humidity :	44~45%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	GSM850 Idle + Bluetooth Link + WLAN (5GHz) Link + USB Cable 2 (Charging from Adapter 2) + Earphone 2 + MP3 for Sample 1		



Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	47.2	Off	N	19.6	18.8	66.0
0.198000	44.2	Off	N	19.6	19.5	63.7
0.246000	41.6	Off	N	19.6	20.3	61.9
0.366000	38.0	Off	N	19.6	20.6	58.6
0.462000	37.1	Off	N	19.6	19.6	56.7
0.782000	35.3	Off	N	19.6	20.7	56.0
0.910000	34.9	Off	N	19.6	21.1	56.0
25.710000	36.5	Off	N	21.1	23.5	60.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	35.6	Off	N	19.6	20.4	56.0
0.198000	33.1	Off	N	19.6	20.6	53.7
0.246000	31.4	Off	N	19.6	20.5	51.9
0.366000	31.0	Off	N	19.6	17.6	48.6
0.462000	29.7	Off	N	19.6	17.0	46.7
0.782000	27.8	Off	N	19.6	18.2	46.0
0.910000	27.5	Off	N	19.6	18.5	46.0
25.710000	25.2	Off	N	21.1	24.8	50.0

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.

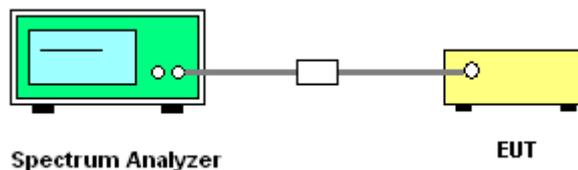
3.6.2 Measuring Instruments

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

According to FCC 47 CFR Section 15.407(a)(1)(2) ,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	Oct. 05, 2015	Jul. 27, 2016 ~ Aug. 31, 2016	Oct. 04, 2016	Conducted (TH02-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Oct. 05, 2015	Jul. 27, 2016 ~ Aug. 31, 2016	Oct. 04, 2016	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 23, 2015	Jul. 27, 2016 ~ Aug. 31, 2016	Nov. 22, 2016	Conducted (TH02-HY)
Programmable Power Supply	GW Instek	PSS-2005	GEO821763	N/A	Nov. 13, 2015	Jul. 27, 2016 ~ Aug. 31, 2016	Nov. 12, 2016	Conducted (TH02-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Aug. 30, 2016	N/A	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 02, 2015	Aug. 30, 2016	Dec. 01, 2016	Conduction (CO05-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20Hz ~ 8.4GHz	Nov. 04, 2015	Aug. 30, 2016	Nov. 03, 2016	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Sep. 02, 2015	Aug. 20, 2016 ~ Aug. 26, 2016	Sep. 01, 2016	Radiation (03CH12-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Nov. 20, 2015	Aug. 20, 2016 ~ Aug. 26, 2016	Nov. 19, 2016	Radiation (03CH12-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz ~ 44GHZ	Sep. 24, 2015	Aug. 20, 2016 ~ Aug. 26, 2016	Sep. 23, 2016	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D	37059	30MHz~1GHz	Dec. 29, 2015	Aug. 20, 2016 ~ Aug. 26, 2016	Dec. 28, 2016	Radiation (03CH12-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100390	20Hz~26.5GHz	Dec. 21, 2015	Aug. 20, 2016 ~ Aug. 26, 2016	Dec. 20, 2016	Radiation (03CH12-HY)
Preamplifier	MITEQ	TTA0204	1872107	2GHz~40GHz	Feb. 15, 2016	Aug. 20, 2016 ~ Aug. 26, 2016	Feb. 14, 2017	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1328	1GHz ~ 18GHz	Nov. 02, 2015	Aug. 20, 2016 ~ Aug. 26, 2016	Nov. 01, 2016	Radiation (03CH12-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1815698	1GHz~18GHz	Dec. 14, 2015	Aug. 20, 2016 ~ Aug. 26, 2016	Dec. 13, 2016	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY53270148	1GHz~26.5GHz	Jan. 30, 2016	Aug. 20, 2016 ~ Aug. 26, 2016	Jan. 29, 2017	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Aug. 20, 2016 ~ Aug. 26, 2016	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Aug. 20, 2016 ~ Aug. 26, 2016	N/A	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917058 4	18GHz- 40GHz	Nov. 02, 2015	Aug. 20, 2016 ~ Aug. 26, 2016	Nov. 01, 2016	Radiation (03CH12-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.26
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7
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Appendix A. Conducted Test Results

Test Engineer:	AC Chang and PH Yang	Temperature:	21~25	°C
Test Date:	2016/07/27 ~ 2016/08/31	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)		
11a	6Mbps	1	36	5180	18.15	40.35	-	22.59		
11a	6Mbps	1	44	5220	18.45	38.75	-	22.66		
11a	6Mbps	1	48	5240	18.40	38.80	-	22.65		
HT20	MCS0	1	36	5180	19.35	42.35	-	22.87		
HT20	MCS0	1	44	5220	20.00	43.30	-	23.01		
HT20	MCS0	1	48	5240	19.55	43.75	-	22.91		
HT40	MCS0	1	38	5190	36.50	67.59	-	23.01		
HT40	MCS0	1	46	5230	37.10	81.36	-	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
11a	6Mbps	1	36	5180	0.12	16.66	24.00	-3.00		Pass
11a	6Mbps	1	44	5220	0.12	16.80	24.00	-3.00		Pass
11a	6Mbps	1	48	5240	0.12	16.83	24.00	-3.00		Pass
HT20	MCS0	1	36	5180	0.13	17.24	24.00	-3.00		Pass
HT20	MCS0	1	44	5220	0.13	17.19	24.00	-3.00		Pass
HT20	MCS0	1	48	5240	0.13	17.26	24.00	-3.00		Pass
HT40	MCS0	1	38	5190	0.28	13.80	24.00	-3.00		Pass
HT40	MCS0	1	46	5230	0.28	16.21	24.00	-3.00		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
11a	6Mbps	1	36	5180	0.12	7.03	11.00	-3.00		Pass
11a	6Mbps	1	44	5220	0.12	6.46	11.00	-3.00		Pass
11a	6Mbps	1	48	5240	0.12	6.37	11.00	-3.00		Pass
HT20	MCS0	1	36	5180	0.13	7.06	11.00	-3.00		Pass
HT20	MCS0	1	44	5220	0.13	6.66	11.00	-3.00		Pass
HT20	MCS0	1	48	5240	0.13	6.51	11.00	-3.00		Pass
HT40	MCS0	1	38	5190	0.28	0.81	11.00	-3.00		Pass
HT40	MCS0	1	46	5230	0.28	2.17	11.00	-3.00		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
11a	6M bps	1	52	5260	18.30	39.15	23.62	29.62	23.98	
11a	6M bps	1	60	5300	18.60	39.70	23.70	29.70	23.98	
11a	6M bps	1	64	5320	18.25	40.75	23.61	29.61	23.98	
HT20	MCS 0	1	52	5260	19.30	43.30	23.86	29.86	23.98	
HT20	MCS 0	1	60	5300	19.65	44.65	23.93	29.93	23.98	
HT20	MCS 0	1	64	5320	19.55	42.40	23.91	29.91	23.98	
HT40	MCS 0	1	54	5270	37.70	81.18	23.98	30.00	23.98	
HT40	MCS 0	1	62	5310	36.40	62.10	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
11a	6M bps	1	52	5260	0.12	16.07	23.98	-3.00	26.99	Pass
11a	6M bps	1	60	5300	0.12	16.50	23.98	-3.00	26.99	Pass
11a	6M bps	1	64	5320	0.12	16.49	23.98	-3.00	26.99	Pass
HT20	MCS 0	1	52	5260	0.13	16.87	23.98	-3.00	26.99	Pass
HT20	MCS 0	1	60	5300	0.13	16.94	23.98	-3.00	26.99	Pass
HT20	MCS 0	1	64	5320	0.13	16.97	23.98	-3.00	26.99	Pass
HT40	MCS 0	1	54	5270	0.28	15.71	23.98	-3.00	26.99	Pass
HT40	MCS 0	1	62	5310	0.28	12.09	23.98	-3.00	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
11a	6M bps	1	52	5260	0.12	5.31	11.00	-3.00		Pass
11a	6M bps	1	60	5300	0.12	5.77	11.00	-3.00		Pass
11a	6M bps	1	64	5320	0.12	5.35	11.00	-3.00		Pass
HT20	MCS 0	1	52	5260	0.13	5.60	11.00	-3.00		Pass
HT20	MCS 0	1	60	5300	0.13	6.03	11.00	-3.00		Pass
HT20	MCS 0	1	64	5320	0.13	5.75	11.00	-3.00		Pass
HT40	MCS 0	1	54	5270	0.28	2.02	11.00	-3.00		Pass
HT40	MCS 0	1	62	5310	0.28	-1.87	11.00	-3.00		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
11a	6M bps	1	100	5500	20.85	42.65	23.98	30.00	23.98	
11a	6M bps	1	116	5580	19.9	44.3	23.98	29.99	23.98	
11a	6M bps	1	140	5700	17.9	38.9	23.53	29.53	23.98	
HT20	MCS 0	1	100	5500	22.55	46.2	23.98	30.00	23.98	
HT20	MCS 0	1	116	5580	22.65	44.15	23.98	30.00	23.98	
HT20	MCS 0	1	140	5700	18.75	39.1	23.73	29.73	23.98	
HT40	MCS 0	1	102	5510	36.5	68.31	23.98	30.00	23.98	
HT40	MCS 0	1	110	5550	39.2	83.79	23.98	30.00	23.98	
HT40	MCS 0	1	134	5670	42.8	87.93	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
11a	6M bps	1	100	5500	0.12	16.18	23.98	-3.00	26.99	Pass
11a	6M bps	1	116	5580	0.12	16.53	23.98	-3.00	26.99	Pass
11a	6M bps	1	140	5700	0.12	15.23	23.98	-3.00	26.99	Pass
HT20	MCS 0	1	100	5500	17.00	16.23	23.98	-3.00	26.99	Pass
HT20	MCS 0	1	116	5580	17.00	16.63	23.98	-3.00	26.99	Pass
HT20	MCS 0	1	140	5700	17.00	14.69	23.98	-3.00	26.99	Pass
HT40	MCS 0	1	102	5510	0.28	13.46	23.98	-3.00	26.99	Pass
HT40	MCS 0	1	110	5550	0.28	16.80	23.98	-3.00	26.99	Pass
HT40	MCS 0	1	134	5670	0.28	16.37	23.98	-3.00	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
11a	6M bps	1	100	5500	0.12	6.59	11.00	-3.00		Pass
11a	6M bps	1	116	5580	0.12	6.78	11.00	-3.00		Pass
11a	6M bps	1	140	5700	0.12	4.71	11.00	-3.00		Pass
HT20	MCS 0	1	100	5500	0.13	6.90	11.00	-3.00		Pass
HT20	MCS 0	1	116	5580	0.13	7.08	11.00	-3.00		Pass
HT20	MCS 0	1	140	5700	0.13	4.49	11.00	-3.00		Pass
HT40	MCS 0	1	102	5510	0.28	0.55	11.00	-3.00		Pass
HT40	MCS 0	1	110	5550	0.28	3.32	11.00	-3.00		Pass
HT40	MCS 0	1	134	5670	0.28	2.26	11.00	-3.00		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	5180.000	0.000	0.00	20	3.6	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	4.4	
11a	6Mbps	1	36	5180	5179.975	-0.025	-4.83	20	3.85	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	-30	3.85	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	50	3.85	

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	5320.000	0.000	0.00	20	3.6	
11a	6Mbps	1	64	5320	5320.000	0.000	0.00	20	4.4	
11a	6Mbps	1	64	5320	5320.050	0.050	9.40	20	3.85	
11a	6Mbps	1	64	5320	5320.000	0.000	0.00	-30	3.85	
11a	6Mbps	1	64	5320	5320.000	0.000	0.00	50	3.85	

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	5500.000	0.000	0.00	20	3.6	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	20	4.4	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	20	3.85	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	-30	3.85	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	50	3.85	



Appendix B. Radiated Spurious Emission

Test Engineer :	Karl Hou, Nick Yu, and Peter Liao	Temperature :	22~24°C
		Relative Humidity :	53~58%

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		5148.46	62.71	-11.29	74	50.8	31.65	11.21	30.95	259	115	P	H	
		5150	47.94	-6.06	54	36.03	31.65	11.21	30.95	259	115	A	H	
	*	5182	108.43	-	-	96.52	31.68	11.18	30.95	259	115	P	H	
	*	5182	97.56	-	-	85.65	31.68	11.18	30.95	259	115	A	H	
													H	
														H
			5149.24	64.48	-9.52	74	52.57	31.65	11.21	30.95	100	92	P	V
			5150	47.51	-6.49	54	35.6	31.65	11.21	30.95	100	92	A	V
		*	5176	107.66	-	-	95.72	31.68	11.21	30.95	100	92	P	V
		*	5176	96.83	-	-	84.89	31.68	11.21	30.95	100	92	A	V
														V
														V
802.11a CH 44 5220MHz		5148.2	54.36	-19.64	74	42.45	31.65	11.21	30.95	100	117	P	H	
		5140.14	43.79	-10.21	54	31.88	31.65	11.21	30.95	100	117	A	H	
		* 5218	108.06	-	-	96.11	31.72	11.18	30.95	100	117	P	H	
		* 5218	97.51	-	-	85.56	31.72	11.18	30.95	100	117	A	H	
			5351.52	52.67	-21.33	74	40.25	31.85	11.52	30.95	100	117	P	H
			5372.64	42.13	-11.87	54	29.69	31.87	11.52	30.95	100	117	A	H
			5148.72	53.71	-20.29	74	41.8	31.65	11.21	30.95	105	91	P	V
			5140.14	43.9	-10.1	54	31.99	31.65	11.21	30.95	105	91	A	V
		*	5218	107.36	-	-	95.41	31.72	11.18	30.95	105	91	P	V
		*	5218	96.85	-	-	84.9	31.72	11.18	30.95	105	91	A	V
			5438.16	52.99	-21.01	74	40.37	31.93	11.64	30.95	105	91	P	V
			5374.08	41.85	-12.15	54	29.41	31.87	11.52	30.95	105	91	A	V



802.11a CH 48 5240MHz		5085.28	53.42	-20.58	74	41.52	31.58	11.27	30.95	100	117	P	H
		5143.78	42.04	-11.96	54	30.13	31.65	11.21	30.95	100	117	A	H
	*	5240	107.06	-	-	95.02	31.73	11.26	30.95	100	117	P	H
	*	5240	96.38	-	-	84.34	31.73	11.26	30.95	100	117	A	H
		5370.48	53.69	-20.31	74	41.25	31.87	11.52	30.95	100	117	P	H
		5392.56	41.99	-12.01	54	29.46	31.88	11.6	30.95	100	117	A	H
		5140.66	52.58	-21.42	74	40.67	31.65	11.21	30.95	100	86	P	V
		5141.96	42.12	-11.88	54	30.21	31.65	11.21	30.95	100	86	A	V
	*	5242	107.48	-	-	95.42	31.75	11.26	30.95	100	86	P	V
	*	5242	96.96	-	-	84.9	31.75	11.26	30.95	100	86	A	V
		5407.2	52.93	-21.07	74	40.38	31.9	11.6	30.95	100	86	P	V
		5393.04	42.12	-11.88	54	29.59	31.88	11.6	30.95	100	86	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	46.14	-27.86	74	46.89	39.59	17.13	57.47	100	0	P	H
		15540	45.65	-28.35	74	44.31	38.26	21.61	58.53	100	0	P	H
													H
													H
		10360	46.53	-27.47	74	47.28	39.59	17.13	57.47	100	0	P	V
		15540	43.86	-30.14	74	42.52	38.26	21.61	58.53	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.6	-27.4	74	47.02	39.69	17.22	57.33	100	0	P	H
		15660	45.99	-28.01	74	44.47	38.11	21.7	58.29	100	0	P	H
													H
													H
		10440	46.21	-27.79	74	46.63	39.69	17.22	57.33	100	0	P	V
		15660	45.68	-28.32	74	44.16	38.11	21.7	58.29	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.83	-27.17	74	47.02	39.77	17.27	57.23	100	0	P	H
		15720	45.77	-28.23	74	44.13	38.03	21.76	58.15	100	0	P	H
													H
													H
		10480	47.01	-26.99	74	47.2	39.77	17.27	57.23	100	0	P	V
		15720	45.46	-28.54	74	43.82	38.03	21.76	58.15	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		5147.68	66.52	-7.48	74	54.61	31.65	11.21	30.95	259	114	P	H	
		5150	51.6	-2.4	54	39.69	31.65	11.21	30.95	259	114	A	H	
	*	5180	109.06	-	-	97.12	31.68	11.21	30.95	259	114	P	H	
	*	5180	98.66	-	-	86.72	31.68	11.21	30.95	259	114	A	H	
													H	
														H
			5146.38	64.22	-9.78	74	52.31	31.65	11.21	30.95	100	94	P	V
			5150	48.61	-5.39	54	36.7	31.65	11.21	30.95	100	94	A	V
		*	5182	107.37	-	-	95.46	31.68	11.18	30.95	100	94	P	V
		*	5182	96.22	-	-	84.31	31.68	11.18	30.95	100	94	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5137.02	54.15	-19.85	74	42.23	31.63	11.24	30.95	100	118	P	H	
		5140.14	43.47	-10.53	54	31.56	31.65	11.21	30.95	100	118	A	H	
	*	5220	107.85	-	-	95.9	31.72	11.18	30.95	100	118	P	H	
	*	5220	97.01	-	-	85.06	31.72	11.18	30.95	100	118	A	H	
			5454.72	52.25	-21.75	74	39.61	31.95	11.64	30.95	100	118	P	H
			5371.68	41.95	-12.05	54	29.51	31.87	11.52	30.95	100	118	A	H
			5141.18	53.44	-20.56	74	41.53	31.65	11.21	30.95	100	86	P	V
			5139.88	43.42	-10.58	54	31.48	31.65	11.24	30.95	100	86	A	V
		*	5218	107.52	-	-	95.57	31.72	11.18	30.95	100	86	P	V
		*	5218	96.45	-	-	84.5	31.72	11.18	30.95	100	86	A	V
		5394	52.59	-21.41	74	40.06	31.88	11.6	30.95	100	86	P	V	
		5372.88	41.76	-12.24	54	29.32	31.87	11.52	30.95	100	86	A	V	



802.11n HT20 CH 48 5240MHz		5011.7	52.9	-21.1	74	40.99	31.52	11.34	30.95	252	113	P	H
		5148.72	41.99	-12.01	54	30.08	31.65	11.21	30.95	252	113	A	H
	*	5242	107.35	-	-	95.29	31.75	11.26	30.95	252	113	P	H
	*	5242	96.67	-	-	84.61	31.75	11.26	30.95	252	113	A	H
		5425.68	52.93	-21.07	74	40.32	31.92	11.64	30.95	252	113	P	H
		5392.32	41.85	-12.15	54	29.32	31.88	11.6	30.95	252	113	A	H
		5131.56	53	-21	74	41.08	31.63	11.24	30.95	100	117	P	V
		5146.9	41.53	-12.47	54	29.62	31.65	11.21	30.95	100	117	A	V
	*	5242	105.89	-	-	93.83	31.75	11.26	30.95	100	117	P	V
	*	5242	95.19	-	-	83.13	31.75	11.26	30.95	100	117	A	V
		5432.64	54.5	-19.5	74	41.88	31.93	11.64	30.95	100	117	P	V
		5391.84	41.85	-12.15	54	29.32	31.88	11.6	30.95	100	117	A	V
Remark	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												



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	46.14	-27.86	74	46.89	39.59	17.13	57.47	100	0	P	H
		15540	44.89	-29.11	74	43.55	38.26	21.61	58.53	100	0	P	H
													H
													H
		10360	46.74	-27.26	74	47.49	39.59	17.13	57.47	100	0	P	V
		15540	46.49	-27.51	74	45.15	38.26	21.61	58.53	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	46.16	-27.84	74	46.58	39.69	17.22	57.33	100	0	P	H
		15660	44.24	-29.76	74	42.72	38.11	21.7	58.29	100	0	P	H
													H
													H
		10440	46.65	-27.35	74	47.07	39.69	17.22	57.33	100	0	P	V
		15660	44.22	-29.78	74	42.7	38.11	21.7	58.29	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10480	47.36	-26.64	74	47.55	39.77	17.27	57.23	100	0	P	H
		15720	45.8	-28.2	74	44.16	38.03	21.76	58.15	100	0	P	H
													H
													H
		10480	46.9	-27.1	74	47.09	39.77	17.27	57.23	100	0	P	V
		15720	45.43	-28.57	74	43.79	38.03	21.76	58.15	100	0	P	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		5149.76	65.16	-8.84	74	53.25	31.65	11.21	30.95	269	116	P	H
		5150	53.04	-0.96	54	41.13	31.65	11.21	30.95	269	116	A	H
	*	5194	101.04	-	-	89.11	31.7	11.18	30.95	269	116	P	H
	*	5194	91.34	-	-	79.41	31.7	11.18	30.95	269	116	A	H
		5394.72	52.41	-21.59	74	39.86	31.9	11.6	30.95	269	116	P	H
		5359.44	42.36	-11.64	54	29.94	31.85	11.52	30.95	269	116	A	H
		5149.5	65.43	-8.57	74	53.52	31.65	11.21	30.95	100	91	P	V
		5150	53.41	-0.59	54	41.5	31.65	11.21	30.95	100	91	A	V
	*	5190	100.54	-	-	88.63	31.68	11.18	30.95	100	91	P	V
	*	5190	91.43	-	-	79.52	31.68	11.18	30.95	100	91	A	V
		5404.56	53.69	-20.31	74	41.14	31.9	11.6	30.95	100	91	P	V
		5456.64	42.53	-11.47	54	29.89	31.95	11.64	30.95	100	91	A	V
802.11n HT40 CH 46 5230MHz		5146.38	56.1	-17.9	74	44.19	31.65	11.21	30.95	253	114	P	H
		5149.76	43.55	-10.45	54	31.64	31.65	11.21	30.95	253	114	A	H
	*	5230	102.51	-	-	90.47	31.73	11.26	30.95	253	114	P	H
	*	5230	93.25	-	-	81.21	31.73	11.26	30.95	253	114	A	H
		5436.96	53.23	-20.77	74	40.61	31.93	11.64	30.95	253	114	P	H
		5376.96	42.55	-11.45	54	30.11	31.87	11.52	30.95	253	114	A	H
		5149.5	54.98	-19.02	74	43.07	31.65	11.21	30.95	100	92	P	V
		5149.76	43.62	-10.38	54	31.71	31.65	11.21	30.95	100	92	A	V
	*	5230	101.72	-	-	89.68	31.73	11.26	30.95	100	92	P	V
	*	5230	92.36	-	-	80.32	31.73	11.26	30.95	100	92	A	V
		5388.72	52.93	-21.07	74	40.4	31.88	11.6	30.95	100	92	P	V
		5418.96	42.65	-11.35	54	30.08	31.92	11.6	30.95	100	92	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n 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	46.64	-27.36	74	47.33	39.61	17.13	57.43	100	0	P	H
		15570	45.01	-28.99	74	43.61	38.22	21.64	58.46	100	0	P	H
													H
													H
		10380	47.06	-26.94	74	47.75	39.61	17.13	57.43	100	0	P	V
		15570	44.35	-29.65	74	42.95	38.22	21.64	58.46	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	46.07	-27.93	74	46.43	39.72	17.22	57.3	100	0	P	H
		15690	45.78	-28.22	74	44.2	38.07	21.73	58.22	100	0	P	H
													H
													H
		10460	46.21	-27.79	74	46.57	39.72	17.22	57.3	100	0	P	V
		15690	45.63	-28.37	74	44.05	38.07	21.73	58.22	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 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		5067.86	52.84	-21.16	74	40.95	31.57	11.27	30.95	100	118	P	H
		5141.18	41.55	-12.45	54	29.64	31.65	11.21	30.95	100	118	A	H
	*	5260	107.21	-	-	95.13	31.77	11.26	30.95	100	118	P	H
	*	5260	96.42	-	-	84.34	31.77	11.26	30.95	100	118	A	H
		5412.72	53.3	-20.7	74	40.73	31.92	11.6	30.95	100	118	P	H
		5350.8	42.19	-11.81	54	29.77	31.85	11.52	30.95	100	118	A	H
		5106.86	52.78	-21.22	74	40.87	31.62	11.24	30.95	100	99	P	V
		5150	41.46	-12.54	54	29.55	31.65	11.21	30.95	100	99	A	V
	*	5260	106.6	-	-	94.52	31.77	11.26	30.95	100	99	P	V
	*	5260	95.52	-	-	83.44	31.77	11.26	30.95	100	99	A	V
		5413.44	54.16	-19.84	74	41.59	31.92	11.6	30.95	100	99	P	V
		5350.08	42.24	-11.76	54	29.82	31.85	11.52	30.95	100	99	A	V
802.11a CH 60 5300MHz		5127.4	52.93	-21.07	74	41.01	31.63	11.24	30.95	263	114	P	H
		5147.94	41.73	-12.27	54	29.82	31.65	11.21	30.95	263	114	A	H
	*	5302	106.78	-	-	94.5	31.8	11.43	30.95	263	114	P	H
	*	5302	95.77	-	-	83.49	31.8	11.43	30.95	263	114	A	H
		5350.56	55.52	-18.48	74	43.1	31.85	11.52	30.95	263	114	P	H
		5350.56	44.21	-9.79	54	31.79	31.85	11.52	30.95	263	114	A	H
		5130.52	52.56	-21.44	74	40.64	31.63	11.24	30.95	100	92	P	V
		5143	41.89	-12.11	54	29.98	31.65	11.21	30.95	100	92	A	V
	*	5302	106.11	-	-	93.83	31.8	11.43	30.95	100	92	P	V
	*	5302	95.35	-	-	83.07	31.8	11.43	30.95	100	92	A	V
		5355.84	54.99	-19.01	74	42.57	31.85	11.52	30.95	100	92	P	V
		5351.04	44.27	-9.73	54	31.85	31.85	11.52	30.95	100	92	A	V



802.11a CH 64 5320MHz	*	5320	105.99	-	-	93.69	31.82	11.43	30.95	100	19	P	H
	*	5320	94.65	-	-	82.35	31.82	11.43	30.95	100	19	A	H
		5350.72	69.29	-4.71	74	56.87	31.85	11.52	30.95	100	19	P	H
		5350.08	51.77	-2.23	54	39.35	31.85	11.52	30.95	100	19	A	H
													H
													H
	*	5320	104.58	-	-	92.28	31.82	11.43	30.95	100	111	P	V
	*	5320	94.01	-	-	81.71	31.82	11.43	30.95	100	111	A	V
		5350.88	68.28	-5.72	74	55.86	31.85	11.52	30.95	100	111	P	V
		5350.08	50.46	-3.54	54	38.04	31.85	11.52	30.95	100	111	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	48.57	-25.43	74	48.64	39.82	17.31	57.2	100	0	P	H
		15780	44.82	-29.18	74	43.11	37.97	21.79	58.05	100	0	P	H
													H
													H
		10520	47.18	-26.82	74	47.25	39.82	17.31	57.2	100	0	P	V
		15780	44.3	-29.7	74	42.59	37.97	21.79	58.05	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	46.22	-27.78	74	46.08	39.92	17.4	57.18	100	0	P	H
		15900	45.4	-28.6	74	43.51	37.82	21.88	57.81	100	0	P	H
													H
													H
		10600	46.16	-27.84	74	46.02	39.92	17.4	57.18	100	0	P	V
		15900	45.14	-28.86	74	43.25	37.82	21.88	57.81	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	47.09	-26.91	74	46.84	39.97	17.45	57.17	100	0	P	H
		15960	43.55	-30.45	74	41.54	37.74	21.94	57.67	100	0	P	H
													H
													H
		10640	46.5	-27.5	74	46.25	39.97	17.45	57.17	100	0	P	V
		15960	42.81	-31.19	74	40.8	37.74	21.94	57.67	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		5072.54	52.65	-21.35	74	40.75	31.58	11.27	30.95	265	114	P	H
		5140.66	41.76	-12.24	54	29.85	31.65	11.21	30.95	265	114	A	H
	*	5260	107.4	-	-	95.32	31.77	11.26	30.95	265	114	P	H
	*	5260	96.43	-	-	84.35	31.77	11.26	30.95	265	114	A	H
		5406.96	53.84	-20.16	74	41.29	31.9	11.6	30.95	265	114	P	H
		5350.8	42.26	-11.74	54	29.84	31.85	11.52	30.95	265	114	A	H
		5081.64	53.44	-20.56	74	41.54	31.58	11.27	30.95	100	92	P	V
		5129.22	41.38	-12.62	54	29.46	31.63	11.24	30.95	100	92	A	V
	*	5260	105.91	-	-	93.83	31.77	11.26	30.95	100	92	P	V
	*	5260	95.12	-	-	83.04	31.77	11.26	30.95	100	92	A	V
		5358	53.62	-20.38	74	41.2	31.85	11.52	30.95	100	92	P	V
		5350.56	42.09	-11.91	54	29.67	31.85	11.52	30.95	100	92	A	V
802.11n HT20 CH 60 5300MHz		5146.9	52.81	-21.19	74	40.9	31.65	11.21	30.95	263	124	P	H
		5147.16	41.62	-12.38	54	29.71	31.65	11.21	30.95	263	124	A	H
	*	5302	106.58	-	-	94.3	31.8	11.43	30.95	263	124	P	H
	*	5302	95.62	-	-	83.34	31.8	11.43	30.95	263	124	A	H
		5355.12	55.06	-18.94	74	42.64	31.85	11.52	30.95	263	124	P	H
		5350.08	44.32	-9.68	54	31.9	31.85	11.52	30.95	263	124	A	H
		5144.3	52.77	-21.23	74	40.86	31.65	11.21	30.95	100	85	P	V
		5148.2	41.66	-12.34	54	29.75	31.65	11.21	30.95	100	85	A	V
	*	5302	105.61	-	-	93.33	31.8	11.43	30.95	100	85	P	V
	*	5302	95.02	-	-	82.74	31.8	11.43	30.95	100	85	A	V
		5352.72	55.85	-18.15	74	43.43	31.85	11.52	30.95	100	85	P	V
		5351.28	44.2	-9.8	54	31.78	31.85	11.52	30.95	100	85	A	V



802.11n HT20 CH 64 5320MHz	*	5320	106.7	-	-	94.4	31.82	11.43	30.95	259	113	P	H
	*	5320	95.64	-	-	83.34	31.82	11.43	30.95	259	113	A	H
		5350.08	72.54	-1.46	74	60.12	31.85	11.52	30.95	259	113	P	H
		5350.08	53.4	-0.6	54	40.98	31.85	11.52	30.95	259	113	A	H
													H
													H
	*	5320	105.93	-	-	93.63	31.82	11.43	30.95	100	88	P	V
	*	5320	94.67	-	-	82.37	31.82	11.43	30.95	100	88	A	V
		5351.04	71.06	-2.94	74	58.64	31.85	11.52	30.95	100	88	P	V
		5350.08	53.83	-0.17	54	41.41	31.85	11.52	30.95	100	88	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	46.81	-27.19	74	46.88	39.82	17.31	57.2	100	0	P	H	
		15780	44	-30	74	42.29	37.97	21.79	58.05	100	0	P	H	
													H	
													H	
			10520	47.5	-26.5	74	47.57	39.82	17.31	57.2	100	0	P	V
			15780	44.27	-29.73	74	42.56	37.97	21.79	58.05	100	0	P	V
														V
802.11n HT20 CH 60 5300MHz		10600	46.35	-27.65	74	46.21	39.92	17.4	57.18	100	0	P	H	
		15900	45.06	-28.94	74	43.17	37.82	21.88	57.81	100	0	P	H	
													H	
													H	
			10600	45.74	-28.26	74	45.6	39.92	17.4	57.18	100	0	P	V
			15900	44.85	-29.15	74	42.96	37.82	21.88	57.81	100	0	P	V
														V
802.11n HT20 CH 64 5320MHz		10640	46.69	-27.31	74	46.44	39.97	17.45	57.17	100	0	P	H	
		15960	43.04	-30.96	74	41.03	37.74	21.94	57.67	100	0	P	H	
													H	
													H	
			10640	46.24	-27.76	74	45.99	39.97	17.45	57.17	100	0	P	V
			15960	42.36	-31.64	74	40.35	37.74	21.94	57.67	100	0	P	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		5104.78	52.68	-21.32	74	40.79	31.6	11.24	30.95	264	118	P	H
		5123.5	42.58	-11.42	54	30.66	31.63	11.24	30.95	264	118	A	H
	*	5270	101.59	-	-	89.42	31.77	11.35	30.95	264	118	P	H
	*	5270	92.88	-	-	80.71	31.77	11.35	30.95	264	118	A	H
		5359.44	58.74	-15.26	74	46.32	31.85	11.52	30.95	264	118	P	H
		5350.8	44.92	-9.08	54	32.5	31.85	11.52	30.95	264	118	A	H
		5106.34	52.92	-21.08	74	41.01	31.62	11.24	30.95	100	91	P	V
		5142.22	42.31	-11.69	54	30.4	31.65	11.21	30.95	100	91	A	V
	*	5270	100.13	-	-	87.96	31.77	11.35	30.95	100	91	P	V
	*	5270	90.81	-	-	78.64	31.77	11.35	30.95	100	91	A	V
		5359.44	57.78	-16.22	74	45.36	31.85	11.52	30.95	100	91	P	V
		5351.04	44.75	-9.25	54	32.33	31.85	11.52	30.95	100	91	A	V
802.11n HT40 CH 62 5310MHz		5108.94	52.04	-21.96	74	40.13	31.62	11.24	30.95	259	117	P	H
		5147.42	41.76	-12.24	54	29.85	31.65	11.21	30.95	259	117	A	H
	*	5310	98.62	-	-	86.32	31.82	11.43	30.95	259	117	P	H
	*	5310	89.44	-	-	77.14	31.82	11.43	30.95	259	117	A	H
		5352	67.78	-6.22	74	55.36	31.85	11.52	30.95	259	117	P	H
		5350.08	53.21	-0.79	54	40.79	31.85	11.52	30.95	259	117	A	H
		5135.72	52.62	-21.38	74	40.7	31.63	11.24	30.95	100	85	P	V
		5042.38	41.65	-12.35	54	29.74	31.55	11.31	30.95	100	85	A	V
	*	5310	96.45	-	-	84.15	31.82	11.43	30.95	100	85	P	V
	*	5310	86.89	-	-	74.59	31.82	11.43	30.95	100	85	A	V
		5353.92	66.22	-7.78	74	53.8	31.85	11.52	30.95	100	85	P	V
		5351.28	52.51	-1.49	54	40.09	31.85	11.52	30.95	100	85	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	46.6	-27.4	74	46.64	39.84	17.31	57.19	100	0	P	H	
		15810	44.13	-29.87	74	42.36	37.93	21.82	57.98	100	0	P	H	
													H	
													H	
			10540	47.27	-26.73	74	47.31	39.84	17.31	57.19	100	0	P	V
			15810	43.07	-30.93	74	41.3	37.93	21.82	57.98	100	0	P	V
														V
802.11n HT40 CH 62 5310MHz		10620	46.32	-27.68	74	46.16	39.94	17.4	57.18	100	0	P	H	
		15930	44.48	-29.52	74	42.53	37.78	21.91	57.74	100	0	P	H	
													H	
													H	
			10620	46.55	-27.45	74	46.39	39.94	17.4	57.18	100	0	P	V
			15930	43.71	-30.29	74	41.76	37.78	21.91	57.74	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



Band 3 - 5470~5725MHz
WIFI 802.11a (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		5458.16	57.54	-16.46	74	44.9	31.95	11.64	30.95	283	2	P	H	
		5470	65.9	-2.3	68.2	53.21	31.97	11.67	30.95	283	2	P	H	
		5459.6	45.06	-8.94	54	32.42	31.95	11.64	30.95	283	2	A	H	
	*	5500	103.9	-	-	91.18	32	11.67	30.95	283	2	P	H	
	*	5500	94.03	-	-	81.31	32	11.67	30.95	283	2	A	H	
														H
			5456.4	57.58	-16.42	74	44.94	31.95	11.64	30.95	103	119	P	V
			5463.76	67.26	-0.94	68.2	54.57	31.97	11.67	30.95	103	119	P	V
			5460	44.99	-9.01	54	32.35	31.95	11.64	30.95	103	119	A	V
	*		5500	101.08	-	-	88.36	32	11.67	30.95	103	119	P	V
	*		5500	91.85	-	-	79.13	32	11.67	30.95	103	119	A	V
														V
802.11a CH 116 5580MHz		5444.32	53.11	-20.89	74	40.49	31.93	11.64	30.95	260	4	P	H	
		5460.88	52.3	-15.9	68.2	39.63	31.95	11.67	30.95	260	4	P	H	
		5458.96	42.17	-11.83	54	29.53	31.95	11.64	30.95	260	4	A	H	
	*	5582	103.73	-	-	90.82	32.12	11.77	30.98	260	4	P	H	
	*	5582	94.4	-	-	81.49	32.12	11.77	30.98	260	4	A	H	
			5746.45	52.96	-15.24	68.2	39.79	32.34	11.86	31.03	260	4	P	H
			5396.56	54.14	-19.86	74	41.59	31.9	11.6	30.95	101	78	P	V
			5467.6	52.34	-15.86	68.2	39.65	31.97	11.67	30.95	101	78	P	V
			5427.04	41.94	-12.06	54	29.33	31.92	11.64	30.95	101	78	A	V
	*		5582	102.69	-	-	89.78	32.12	11.77	30.98	101	78	P	V
	*		5582	92.86	-	-	79.95	32.12	11.77	30.98	101	78	A	V
			5761.675	53.47	-14.73	68.2	40.29	32.36	11.86	31.04	101	78	P	V



802.11a CH 140 5700MHz	*	5698	103.35	-	-	90.27	32.27	11.82	31.01	262	340	P	H
	*	5698	92.78	-	-	79.7	32.27	11.82	31.01	262	340	A	H
		5725.08	67.55	-0.65	68.2	54.42	32.31	11.84	31.02	262	340	P	H
													H
													H
													H
	*	5698	102.15	-	-	89.07	32.27	11.82	31.01	268	200	P	V
	*	5698	91.96	-	-	78.88	32.27	11.82	31.01	268	200	A	V
		5726.04	65.03	-3.17	68.2	51.9	32.31	11.84	31.02	268	200	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	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	46.86	-27.14	74	45.7	40.4	17.86	57.1	100	0	P	H
		16500	45.67	-22.53	68.2	39.95	39.3	22.42	56	100	0	P	H
													H
													H
		11000	47.06	-26.94	74	45.9	40.4	17.86	57.1	100	0	P	V
		16500	45.37	-22.83	68.2	39.65	39.3	22.42	56	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.76	-27.24	74	45.75	40.3	18.04	57.33	100	0	P	H
		16740	47.87	-20.33	68.2	41.29	40.07	22.65	56.14	100	0	P	H
													H
													H
		11160	47.67	-26.33	74	46.66	40.3	18.04	57.33	100	0	P	V
		16740	46.63	-21.57	68.2	40.05	40.07	22.65	56.14	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	45.8	-28.2	74	44.99	40.16	18.31	57.66	100	0	P	H
		17100	47.8	-20.4	68.2	40.25	41.22	22.99	56.66	100	0	P	H
													H
													H
		11400	45.51	-28.49	74	44.7	40.16	18.31	57.66	100	0	P	V
		17100	47.4	-20.8	68.2	39.85	41.22	22.99	56.66	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 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		5458.96	62.05	-11.95	74	49.41	31.95	11.64	30.95	265	336	P	H	
		5468.08	67.37	-0.83	68.2	54.68	31.97	11.67	30.95	265	336	P	H	
		5460	45.92	-8.08	54	33.28	31.95	11.64	30.95	265	336	A	H	
	*	5500	103.13	-	-	90.41	32	11.67	30.95	265	336	P	H	
	*	5500	92.23	-	-	79.51	32	11.67	30.95	265	336	A	H	
														H
			5459.12	60.96	-13.04	74	48.32	31.95	11.64	30.95	100	90	P	V
			5466.96	67.98	-0.22	68.2	55.29	31.97	11.67	30.95	100	90	P	V
			5459.76	46.71	-7.29	54	34.07	31.95	11.64	30.95	100	90	A	V
		*	5500	104.25	-	-	91.53	32	11.67	30.95	100	90	P	V
	*	5500	93.57	-	-	80.85	32	11.67	30.95	100	90	A	V	
													V	
802.11n HT20 CH 116 5580MHz		5431.6	53.13	-20.87	74	40.51	31.93	11.64	30.95	287	0	P	H	
		5427.28	42.02	-11.98	54	29.41	31.92	11.64	30.95	287	0	A	H	
	*	5580	104.12	-	-	91.26	32.1	11.74	30.98	287	0	P	H	
	*	5580	93.07	-	-	80.21	32.1	11.74	30.98	287	0	A	H	
			5743.65	53.01	-20.99	74	39.84	32.34	11.86	31.03	287	0	P	H
			5732.625	42.08	-11.92	54	28.96	32.31	11.84	31.03	287	0	A	H
			5416	53.8	-20.2	74	41.23	31.92	11.6	30.95	100	91	P	V
			5462.56	42.08	-11.92	54	29.39	31.97	11.67	30.95	100	91	A	V
		*	5580	103.28	-	-	90.42	32.1	11.74	30.98	100	91	P	V
		*	5580	92.53	-	-	79.67	32.1	11.74	30.98	100	91	A	V
		5754.675	53.4	-20.6	74	40.21	32.36	11.86	31.03	100	91	P	V	
		5728.95	42.14	-11.86	54	29.01	32.31	11.84	31.02	100	91	A	V	



802.11n HT20 CH 140 5700MHz	*	5700	101.92	-	-	88.84	32.27	11.82	31.01	264	4	P	H
	*	5700	92.75	-	-	79.67	32.27	11.82	31.01	264	4	A	H
		5725.96	65.73	-2.47	68.2	52.6	32.31	11.84	31.02	264	4	P	H
													H
													H
													H
	*	5700	100.78	-	-	87.7	32.27	11.82	31.01	257	210	P	V
	*	5700	91.36	-	-	78.28	32.27	11.82	31.01	257	210	A	V
		5726.04	64.55	-3.65	68.2	51.42	32.31	11.84	31.02	257	210	P	V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 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	47.19	-26.81	74	46.03	40.4	17.86	57.1	100	0	P	H	
		16500	45.64	-22.56	68.2	39.92	39.3	22.42	56	100	0	P	H	
													H	
													H	
			11000	47.95	-26.05	74	46.79	40.4	17.86	57.1	100	0	P	V
			16500	45.65	-22.55	68.2	39.93	39.3	22.42	56	100	0	P	V
														V
802.11n HT20 CH 116 5580MHz		11160	46.57	-27.43	74	45.56	40.3	18.04	57.33	400	0	P	H	
		16740	47.63	-26.37	74	41.05	40.07	22.65	56.14	100	0	P	H	
													H	
													H	
			11160	45.94	-28.06	74	44.93	40.3	18.04	57.33	400	0	P	V
			16740	46.59	-27.41	74	40.01	40.07	22.65	56.14	100	0	P	V
														V
802.11n HT20 CH 140 5700MHz		11400	46.35	-27.65	74	45.54	40.16	18.31	57.66	100	0	P	H	
		17100	46.83	-21.37	68.2	39.28	41.22	22.99	56.66	100	0	P	H	
													H	
													H	
			11400	45.23	-28.77	74	44.42	40.16	18.31	57.66	100	0	P	V
			17100	48.33	-19.87	68.2	40.78	41.22	22.99	56.66	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



Band 3 - 5470~5725MHz
WIFI 802.11n 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		5459.2	61.39	-12.61	74	48.75	31.95	11.64	30.95	282	3	P	H
		5466.64	66.82	-1.38	68.2	54.13	31.97	11.67	30.95	282	3	P	H
		5459.68	47.48	-6.52	54	34.84	31.95	11.64	30.95	282	3	A	H
	*	5510	98.42	-	-	85.68	32	11.7	30.96	282	3	P	H
	*	5510	87.52	-	-	74.78	32	11.7	30.96	282	3	A	H
		5758.525	52.95	-15.25	68.2	39.77	32.36	11.86	31.04	282	3	P	H
		5457.28	60.06	-13.94	74	47.42	31.95	11.64	30.95	100	101	P	V
		5469.04	66.96	-1.24	68.2	54.27	31.97	11.67	30.95	100	101	P	V
		5459.92	47.07	-6.93	54	34.43	31.95	11.64	30.95	100	101	A	V
	*	5510	97.24	-	-	84.5	32	11.7	30.96	100	101	P	V
	*	5510	85.57	-	-	72.83	32	11.7	30.96	100	101	A	V
		5740.15	53.18	-15.02	68.2	40.01	32.34	11.86	31.03	100	101	P	V
802.11n HT40 CH 110 5550MHz		5456.8	54.81	-19.19	74	42.17	31.95	11.64	30.95	306	67	P	H
		5468.56	56.98	-11.22	68.2	44.29	31.97	11.67	30.95	306	67	P	H
		5459.68	43.25	-10.75	54	30.61	31.95	11.64	30.95	306	67	A	H
	*	5548	100.37	-	-	87.53	32.07	11.74	30.97	306	67	P	H
	*	5548	89.51	-	-	76.67	32.07	11.74	30.97	306	67	A	H
		5753.1	53.15	-15.05	68.2	39.96	32.36	11.86	31.03	306	67	P	H
		5456.32	53.73	-20.27	74	41.09	31.95	11.64	30.95	100	180	P	V
		5462.56	56.39	-11.81	68.2	43.7	31.97	11.67	30.95	100	180	P	V
		5457.52	43.12	-10.88	54	30.48	31.95	11.64	30.95	100	180	A	V
	*	5548	99.95	-	-	87.11	32.07	11.74	30.97	100	180	P	V
	*	5548	89.15	-	-	76.31	32.07	11.74	30.97	100	180	A	V
		5748.025	53.47	-14.73	68.2	40.3	32.34	11.86	31.03	100	180	P	V



802.11n HT40 CH 134 5670MHz		5438.32	52.9	-21.1	74	40.28	31.93	11.64	30.95	269	3	P	H
		5463.28	52.1	-16.1	68.2	39.41	31.97	11.67	30.95	269	3	P	H
		5440.96	42.42	-11.58	54	29.8	31.93	11.64	30.95	269	3	A	H
	*	5668	103.11	-	-	90.06	32.24	11.82	31.01	269	3	P	H
	*	5668	91.96	-	-	78.91	32.24	11.82	31.01	269	3	A	H
		5727.55	66.72	-1.48	68.2	53.59	32.31	11.84	31.02	269	3	P	H
		5354.32	52.5	-21.5	74	40.08	31.85	11.52	30.95	256	195	P	V
		5461.12	52.07	-16.13	68.2	39.4	31.95	11.67	30.95	256	195	P	V
		5433.76	42.46	-11.54	54	29.84	31.93	11.64	30.95	256	195	A	V
	*	5668	100.14	-	-	87.09	32.24	11.82	31.01	256	195	P	V
	*	5668	90.28	-	-	77.23	32.24	11.82	31.01	256	195	A	V
		5725.1	63.97	-4.23	68.2	50.84	32.31	11.84	31.02	256	195	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 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	46.62	-27.38	74	45.49	40.39	17.86	57.12	100	0	P	H
		16530	46.24	-21.96	68.2	40.39	39.41	22.46	56.02	100	0	P	H
													H
													H
		11020	46.27	-27.73	74	45.14	40.39	17.86	57.12	100	0	P	V
		16530	45.65	-22.55	68.2	39.8	39.41	22.46	56.02	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	46.15	-27.85	74	45.1	40.34	17.95	57.24	100	0	P	H
		16650	47.1	-21.1	68.2	40.82	39.8	22.57	56.09	100	0	P	H
													H
													H
		11100	46.06	-27.94	74	45.01	40.34	17.95	57.24	100	0	P	V
		16650	45.57	-22.63	68.2	39.29	39.8	22.57	56.09	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	46.78	-27.22	74	45.93	40.2	18.22	57.57	100	0	P	H
		17010	48.48	-19.72	68.2	40.98	40.95	22.91	56.36	100	0	P	H
													H
													H
		11340	46.69	-27.31	74	45.84	40.2	18.22	57.57	100	0	P	V
		17010	48.25	-19.95	68.2	40.75	40.95	22.91	56.36	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz
WIFI 802.11n HT20 (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)	
802.11n HT20 LF		51.06	25.7	-14.3	40	42.79	14.59	0.78	32.46	100	0	P	H	
		106.14	28.84	-14.66	43.5	43.18	16.66	1.43	32.43	-	-	P	H	
		213.87	20.53	-22.97	43.5	35.15	16.06	1.7	32.38	-	-	P	H	
		470.1	22.89	-23.11	46	28.74	23.46	3.08	32.39	-	-	P	H	
		722.8	26.59	-19.41	46	28.12	26.94	3.89	32.36	-	-	P	H	
		937.7	31.16	-14.84	46	27.83	29.97	4.6	31.24	-	-	P	H	
														H
														H
														H
														H
														H
														H
			51.87	31.5	-8.5	40	48.9	14.28	0.78	32.46	100	0	P	V
			120.18	21.58	-21.92	43.5	34.98	17.6	1.43	32.43	-	-	P	V
			159.87	19.51	-23.99	43.5	33.18	17	1.75	32.42	-	-	P	V
			486.2	22.96	-23.04	46	28.54	23.74	3.08	32.4	-	-	P	V
			739.6	27.03	-18.97	46	28.11	27.36	3.89	32.33	-	-	P	V
			958.7	31.2	-14.8	46	27.3	30.2	4.75	31.05	-	-	P	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 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)
802.11b		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

- Level(dBμV/m) =
Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

- 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)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

- 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)
- 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 C. Radiated Spurious Emission Plots

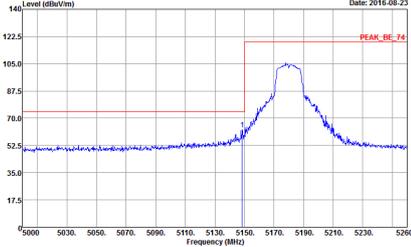
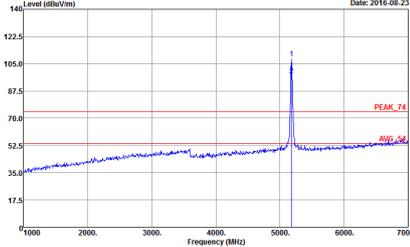
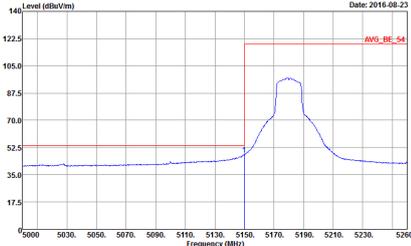
Test Engineer :	Karl Hou, Nick Yu, and Peter Liao	Temperature :	22~24°C
		Relative Humidity :	53~58%

Note symbol

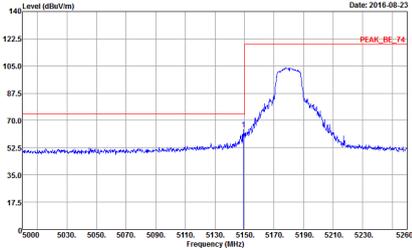
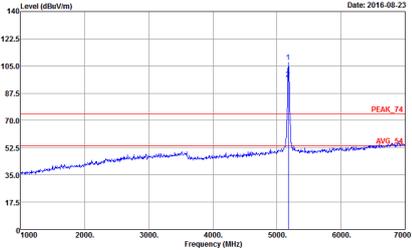
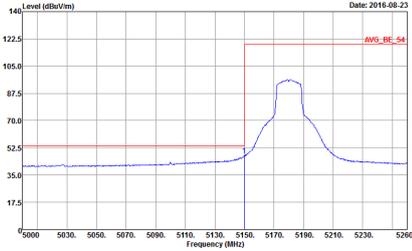
-L	Low channel location
-R	High channel location



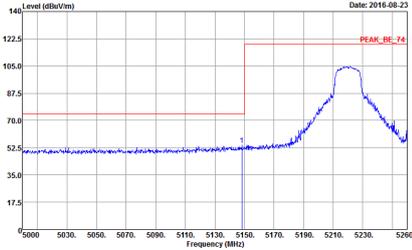
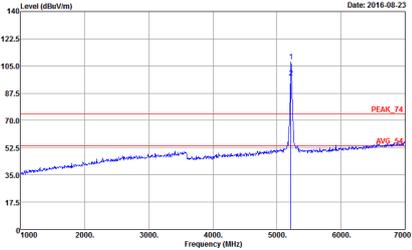
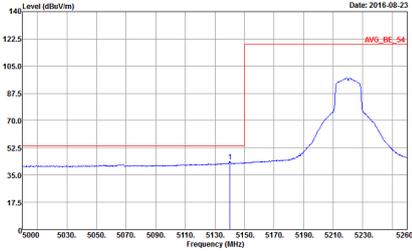
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 19 Setting : 18.5</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 19 Setting : 18.5</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 19 Setting : 18.5</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 19 Setting : 18.5</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 19 Setting : 18.5</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 19 Setting : 18.5</p>	Left blank

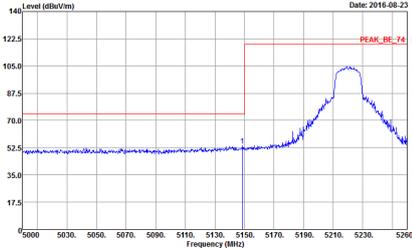
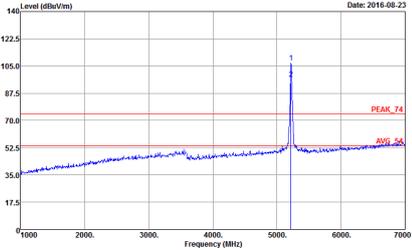
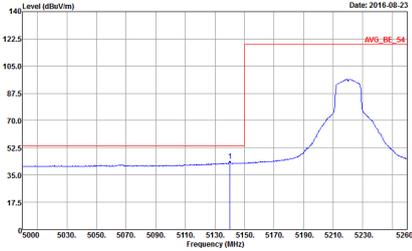


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 20</p>	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>AVG_54</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 20</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 20</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	<p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 20</p>	Left blank
Avg.	<p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9130D_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 20</p>	Left blank

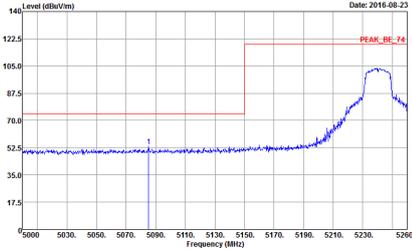
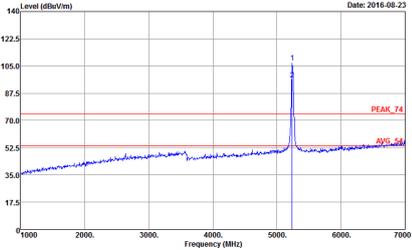
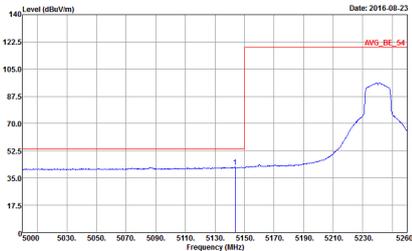


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 20</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 20</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 20</p>	Left blank

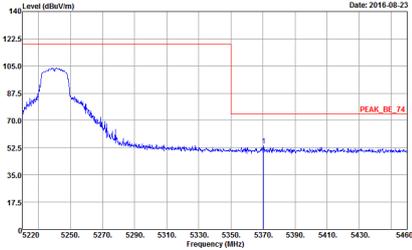
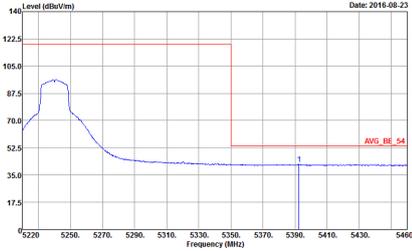


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	<p>Date: 2016.08.23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 20</p>	Left blank
Avg.	<p>Date: 2016.08.23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 20</p>	Left blank

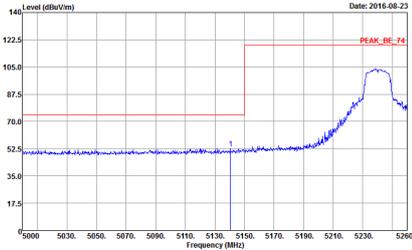
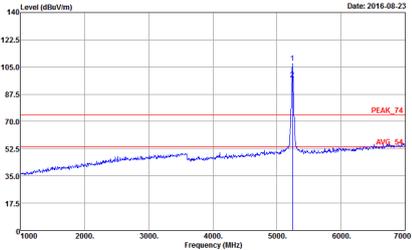
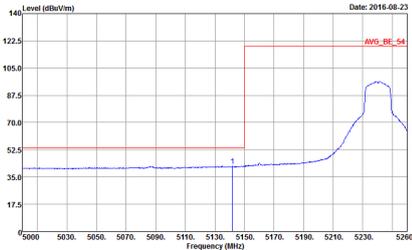


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 21</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 21</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 21</p>	Left blank

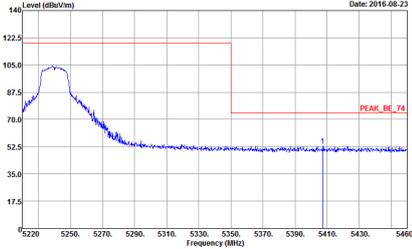
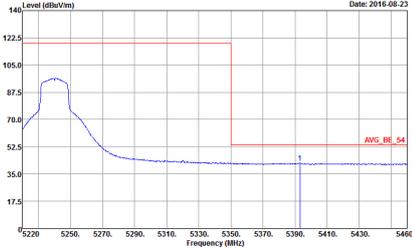


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 21</p>	Left blank
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9130D_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 21</p>	Left blank



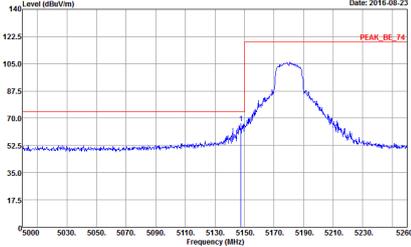
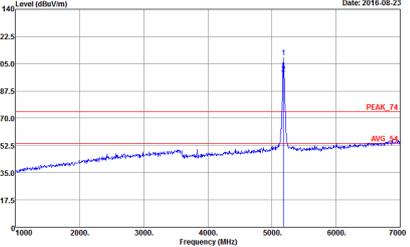
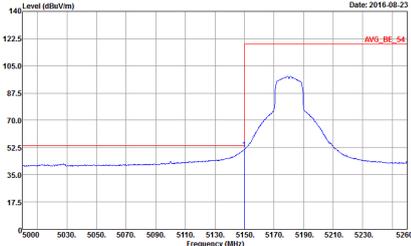
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 21</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 21</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 21</p>	Left blank



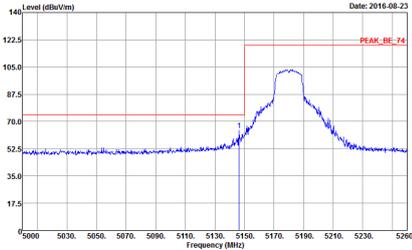
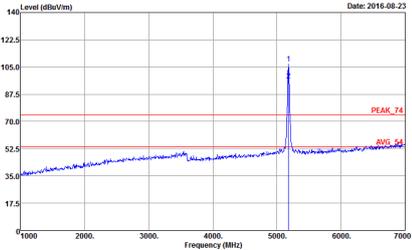
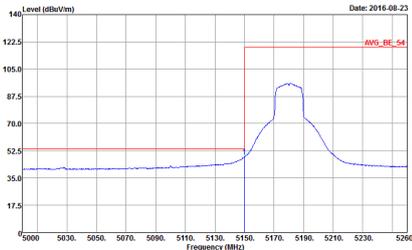
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016.08.23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1320 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : :672509 : 21</p>	Left blank
Avg.	 <p>Date: 2016.08.23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1320 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak Mode : :672509 : 21</p>	Left blank



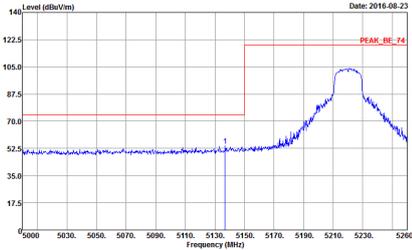
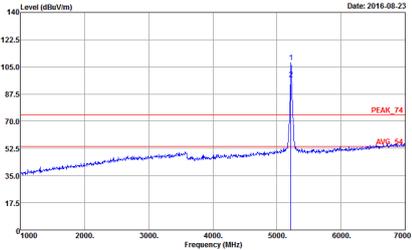
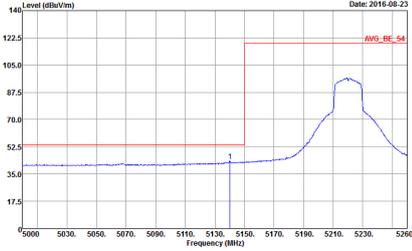
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 28</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 28</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 28</p>	Left blank

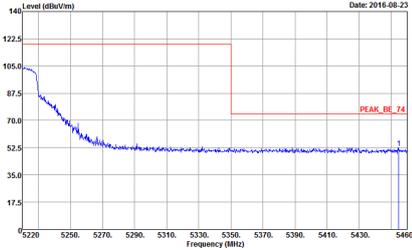
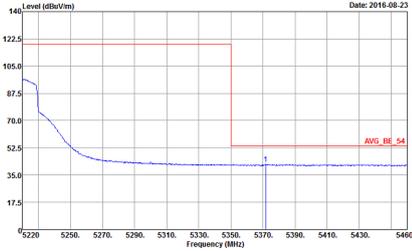


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 28</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 28</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 28</p>	Left blank

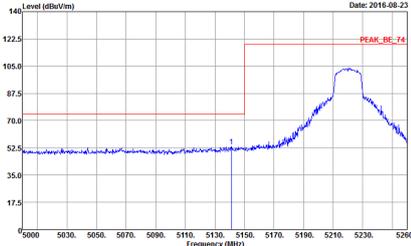
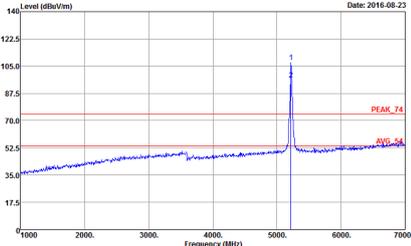
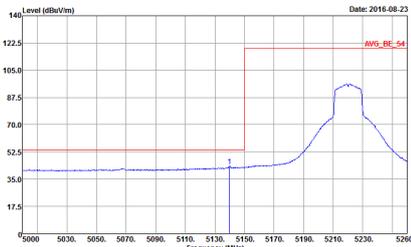


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	<p style="text-align: center;">Horizontal</p>  <p style="text-align: right;">Date: 2016-08-23</p> <p>Site : 03CH12-3NY Condition : PEAK_BE_74 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 29</p>	<p style="text-align: center;">Fundamental</p>  <p style="text-align: right;">Date: 2016-08-23</p> <p>Site : 03CH12-3NY Condition : PEAK_74 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 29</p>
Peak	 <p style="text-align: right;">Date: 2016-08-23</p> <p>Site : 03CH12-3NY Condition : AVG_BE_54 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 29</p>	<p style="text-align: center;">Left blank</p>
Avg.		

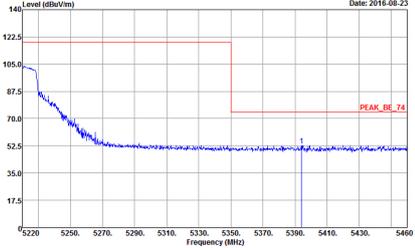
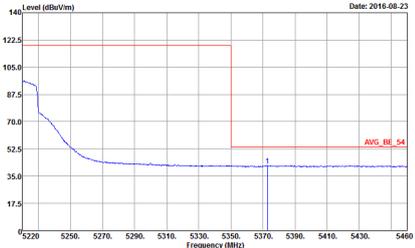


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 29</p>	Left blank
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9130D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 29</p>	Left blank

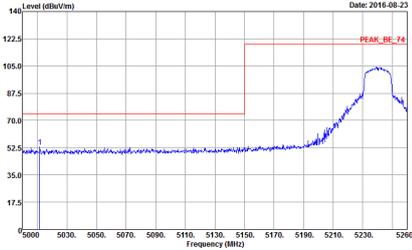
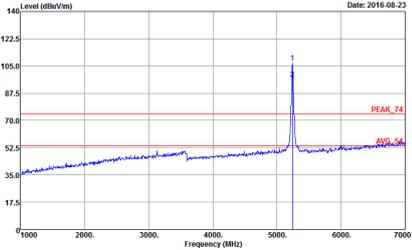
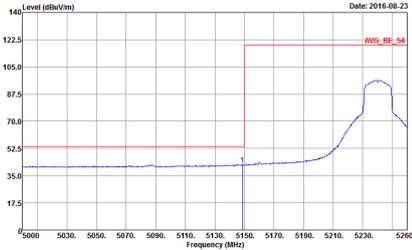


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	<p style="text-align: center;">Vertical</p>  <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 29</p>	<p style="text-align: center;">Fundamental</p>  <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 29</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 29</p>	<p style="text-align: center;">Left blank</p>

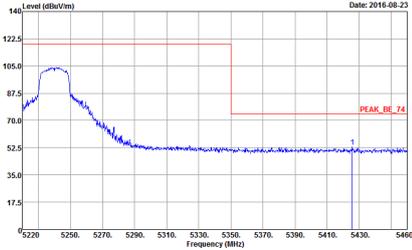
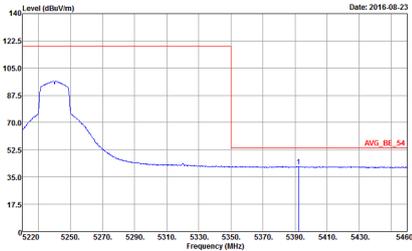


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03:CH12-RV Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 29</p>	Left blank
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03:CH12-RV Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 29</p>	Left blank

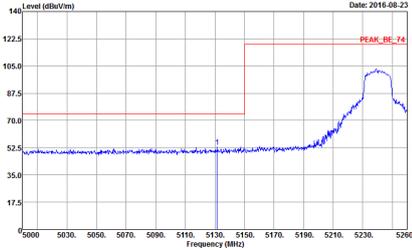
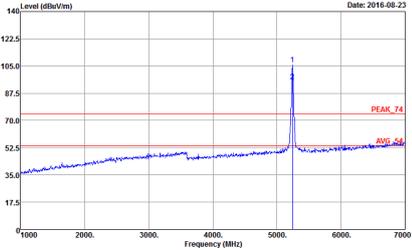
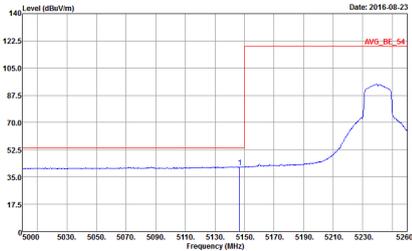


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 30</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 30</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 30</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 30</p>	Left blank
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 30</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 30</p>	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>AVG_54</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 30</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 30</p>	Left blank



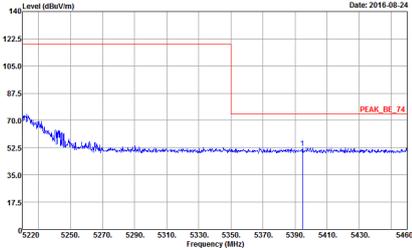
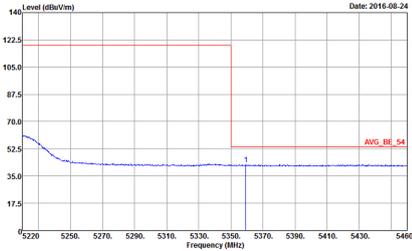
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03:CH12-1Y Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 30</p>	Left blank
Avg.	<p>Site : 03:CH12-1Y Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 30</p>	Left blank



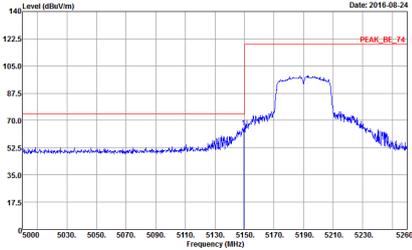
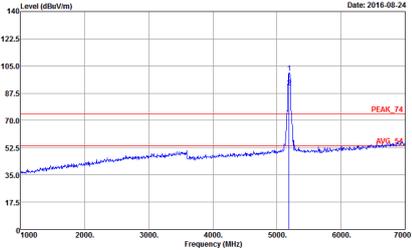
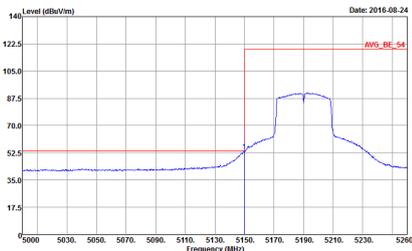
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

Table with 2 columns (WIFI, ANT) and 2 rows (Peak, Avg.). Each cell contains a spectral plot and technical details for the measurement.

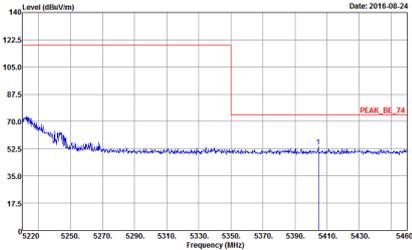
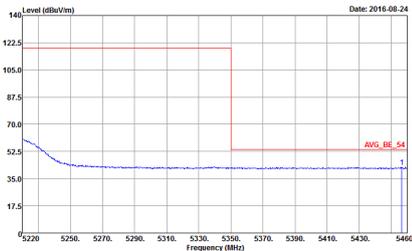


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 <p> Date: 2016-08-24 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 37 Setting : 15.5 </p>	Left blank
Avg.	 <p> Date: 2016-08-24 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 37 Setting : 15.5 </p>	Left blank

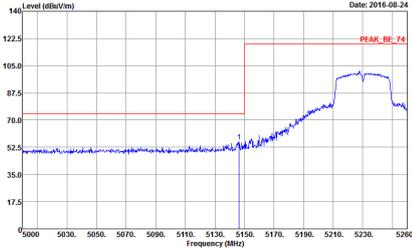
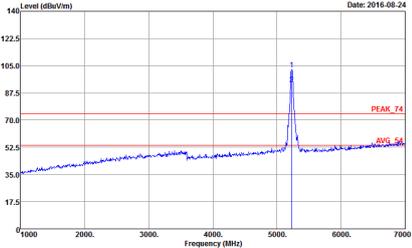
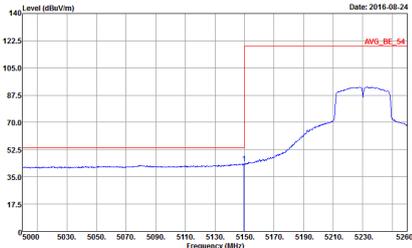


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 37 Setting : 15.5</p>	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 37 Setting : 15.5</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 37 Setting : 15.5</p>	Left blank

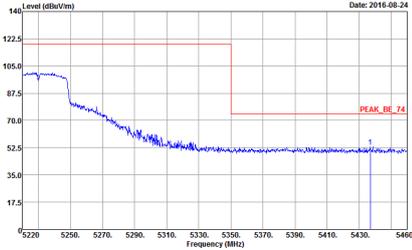
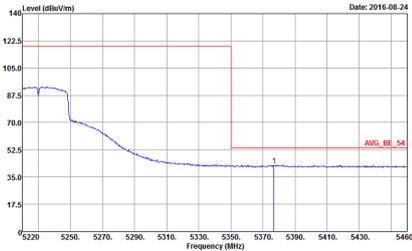


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 37 Setting : 15.5</p>	Left blank
Avg.	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 37 Setting : 15.5</p>	Left blank

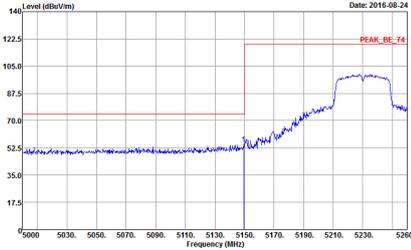
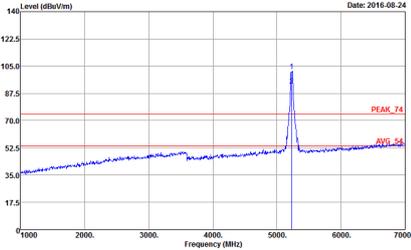
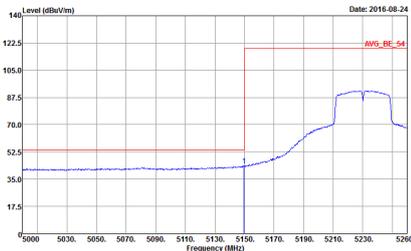


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	<p style="text-align: center;">Horizontal</p>  <p>Site : 03C112-11Y Condition : PEAK_BE_74 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 3B Setting : 1B</p>	<p style="text-align: center;">Fundamental</p>  <p>Site : 03C112-11Y Condition : PEAK_74 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 3B Setting : 1B</p>
Avg.	 <p>Site : 03C112-11Y Condition : AVG_BE_54 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 3B Setting : 1B</p>	<p style="text-align: center;">Left blank</p>

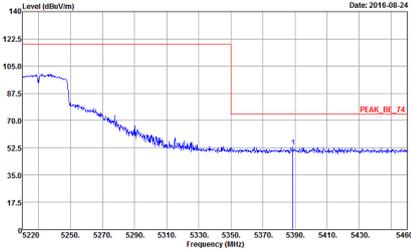
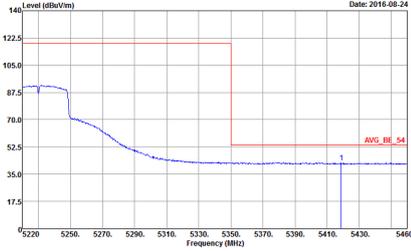


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 38 Setting : 18</p>	Left blank
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 38 Setting : 18</p>	Left blank



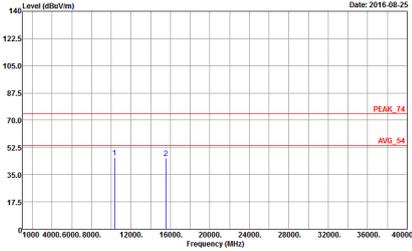
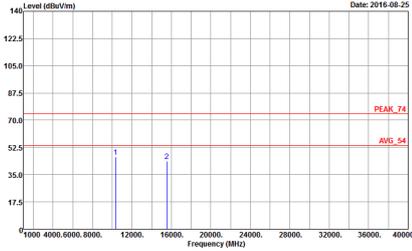
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	<p style="text-align: center;">Vertical</p>  <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 38 Setting : 18</p>	<p style="text-align: center;">Fundamental</p>  <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 38 Setting : 18</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 38 Setting : 18</p>	<p style="text-align: center;">Left blank</p>



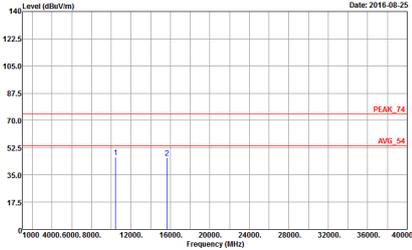
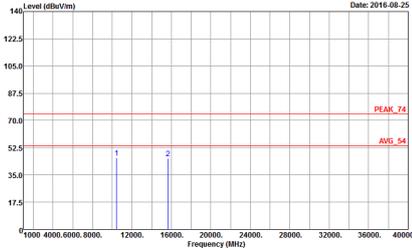
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Site : 03:CH12-RV Condition : PEAK_RE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBIW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 38 Setting : 18</p>	Left blank
Avg.	 <p>Date: 2016-08-24</p> <p>Site : 03:CH12-RV Condition : AVG_RE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBIW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 38 Setting : 18</p>	Left blank



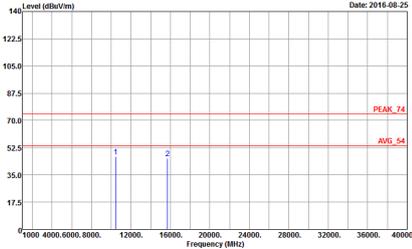
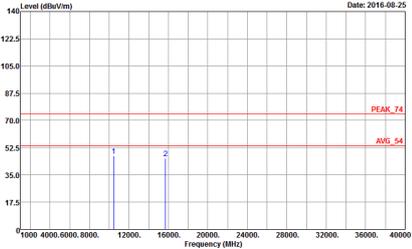
**Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 19</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 19</p>



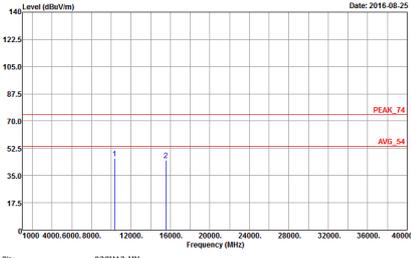
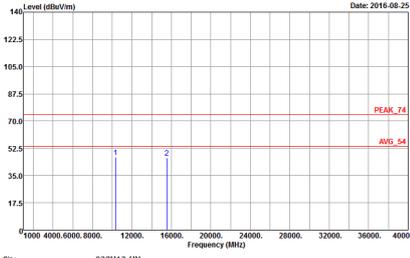
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 20</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 20</p>



WIFI	Band 1 5150-5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 21</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 21</p>



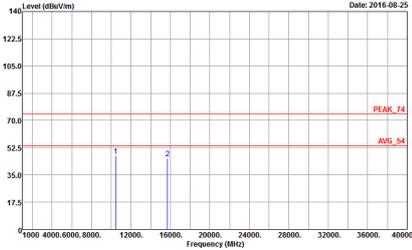
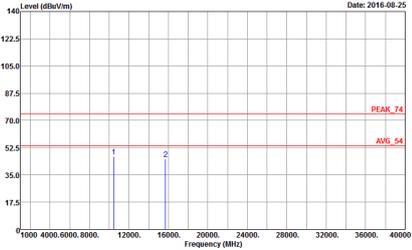
Band 1 - 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 2B</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 2B</p>



WIFI	Band 1 5150-5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 29</p>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 29</p>



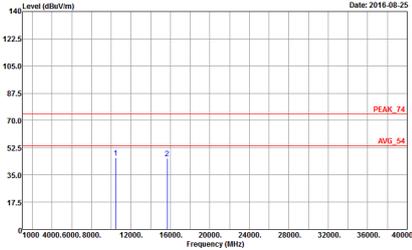
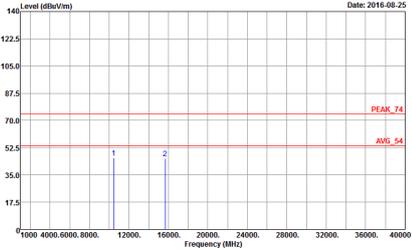
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 30</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 30</p>



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

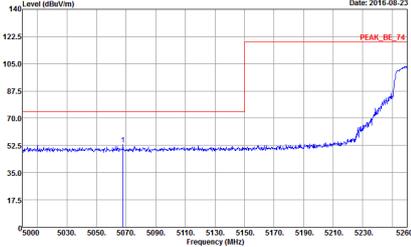
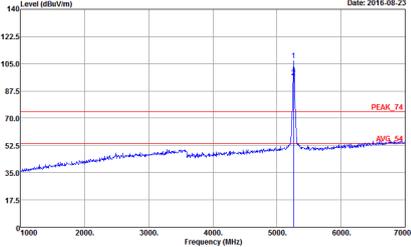
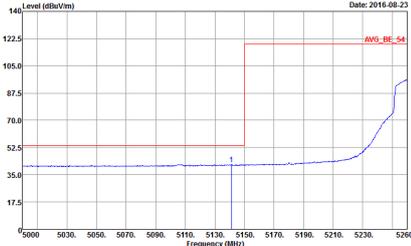
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 37</p>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 37</p>



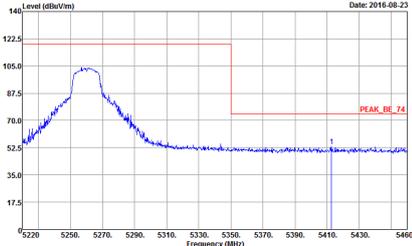
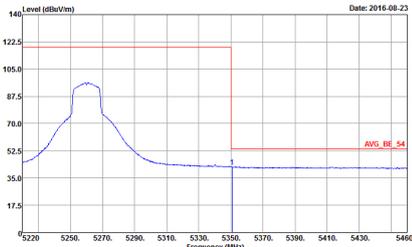
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 38</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 38</p>



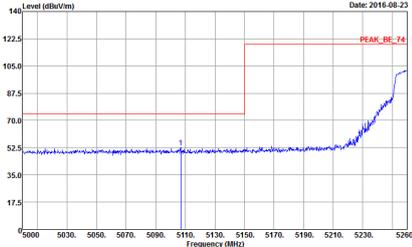
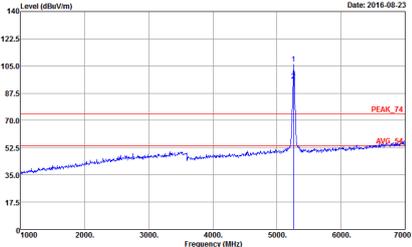
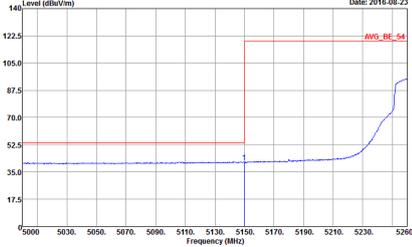
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 22</p>	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>AVG_54</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 22</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 22</p>	Left blank

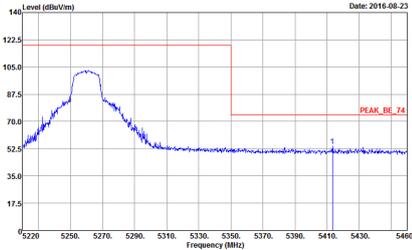
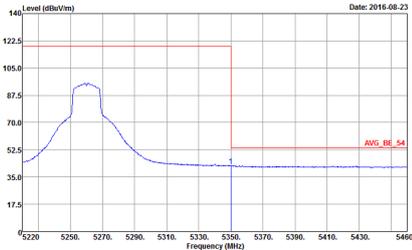


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : -672509 Mode : 22</p>	Left blank
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : -672509 Mode : 22</p>	Left blank

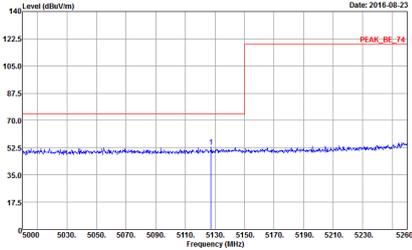
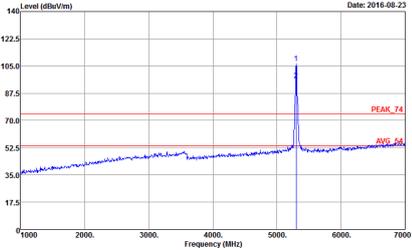
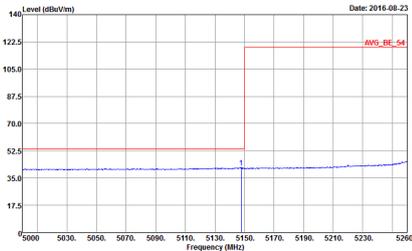


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016.08.23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 22</p>	 <p>Date: 2016.08.23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>802.11a</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 22</p>
Avg.	 <p>Date: 2016.08.23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 22</p>	Left blank

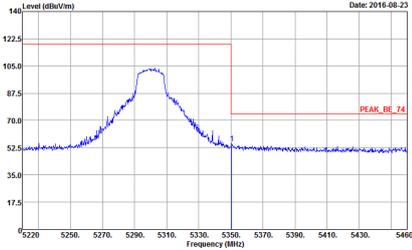
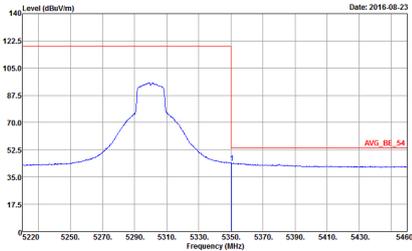


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-1Y Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 22</p>	Left blank
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-1Y Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 22</p>	Left blank

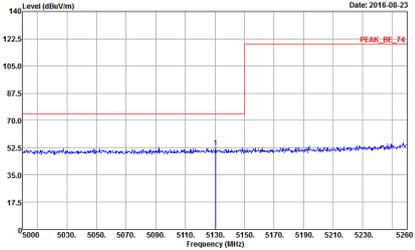
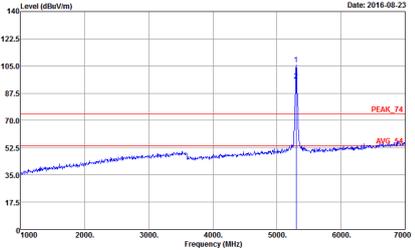
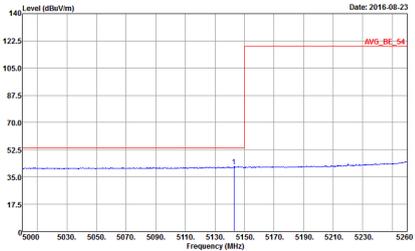


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 23</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 23</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9130D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 23</p>	Left blank

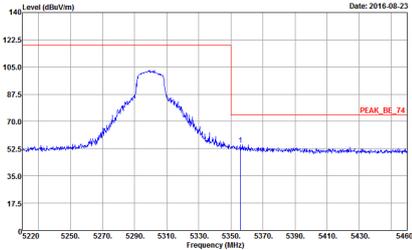
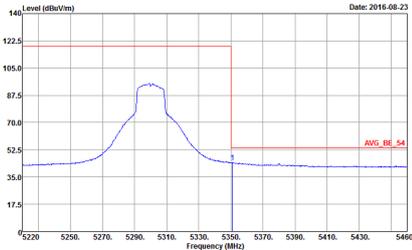


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 <p> Date: 2016-08-23 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 23 </p>	Left blank
Avg.	 <p> Date: 2016-08-23 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 23 </p>	Left blank

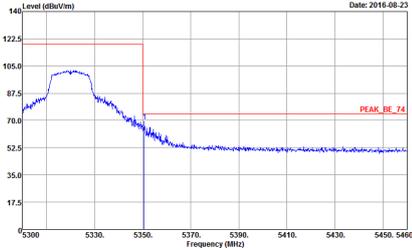
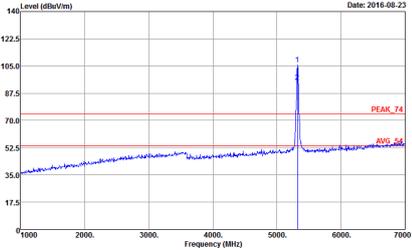
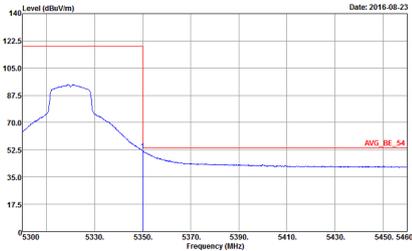


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 23</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 23</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 23</p>	Left blank

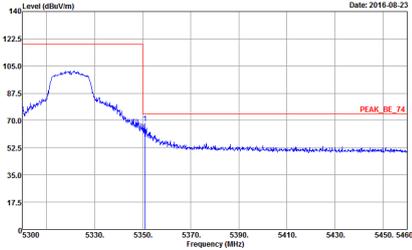
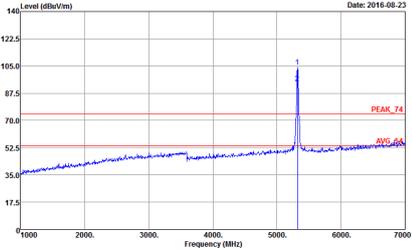
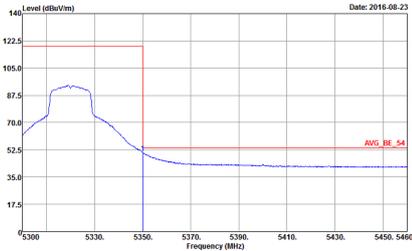


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 23</p>	Left blank
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 23</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 24</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 24</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 24</p>	Left blank

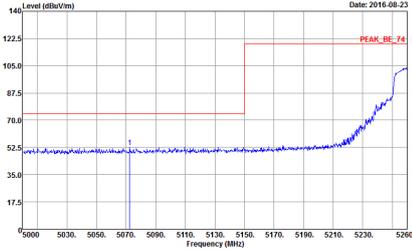
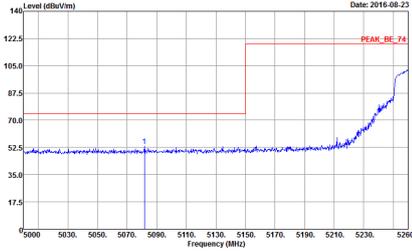
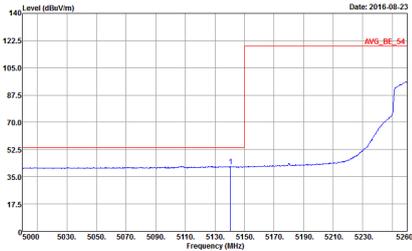


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 <p>Site : :03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 24</p>	 <p>Site : :03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 24</p>
Avg.	 <p>Site : :03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 24</p>	Left blank

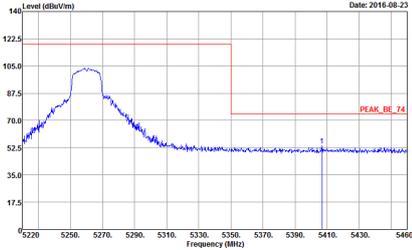
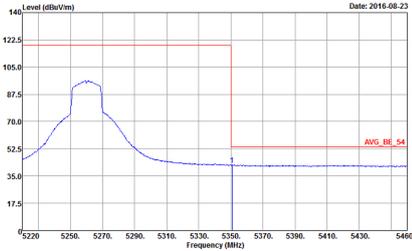


Band 2 5250~5350MHz

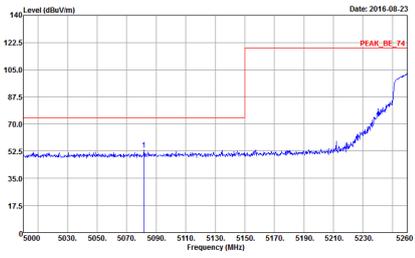
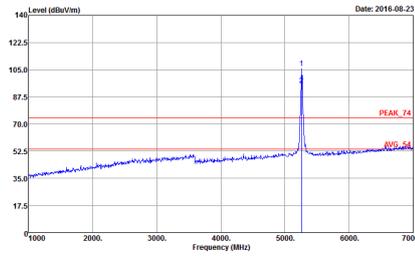
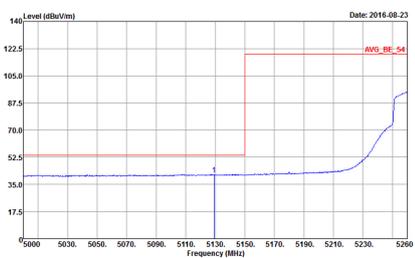
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 31</p>	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 31</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 31</p>	Left blank

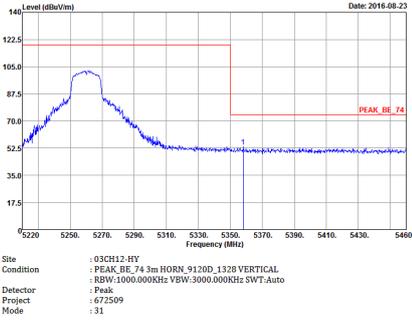
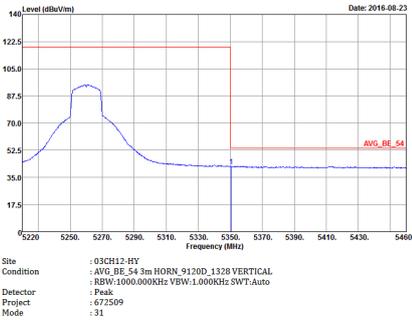


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 31</p>	Left blank
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 31</p>	Left blank

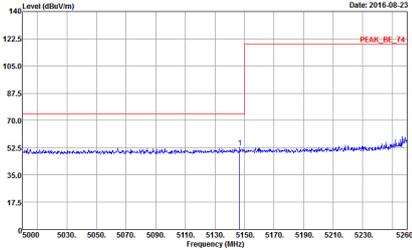
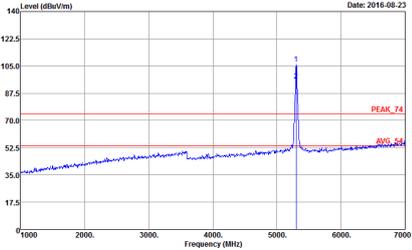
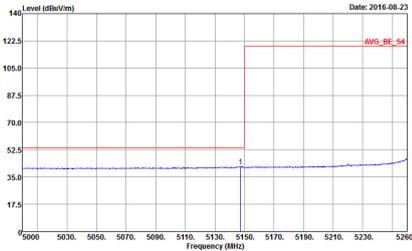


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 672509 : 31</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 672509 : 31</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak Mode : 672509 : 31</p>	Left blank

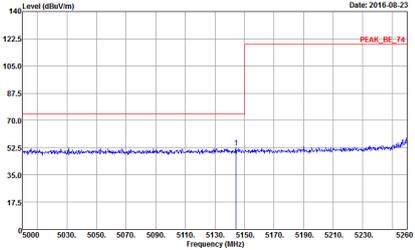
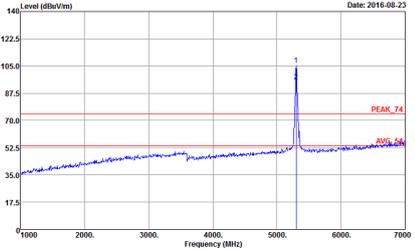
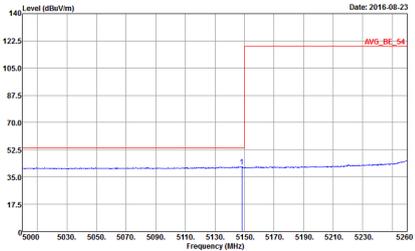


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

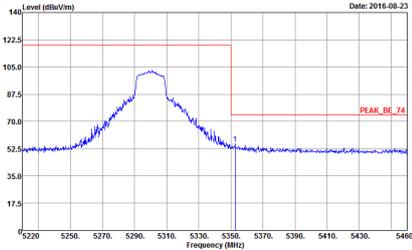
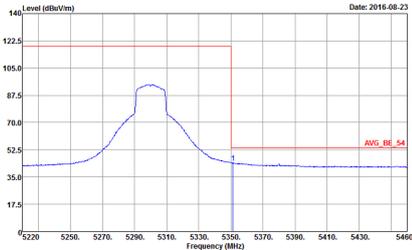


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 32</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 32</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 32</p>	Left blank

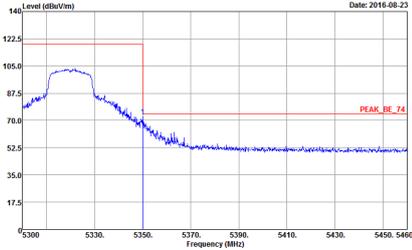
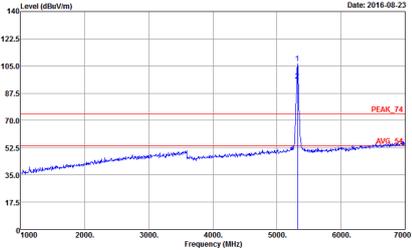
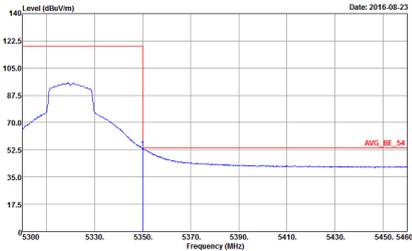


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 32</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 32</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 32</p>	Left blank

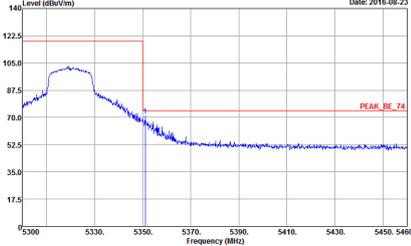
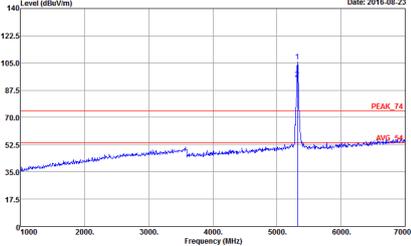
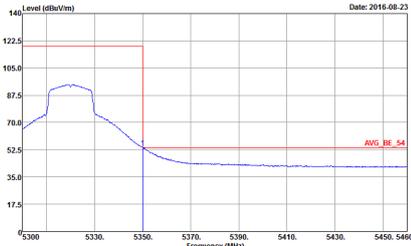


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 32</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 32</p>	<p>Left blank</p>



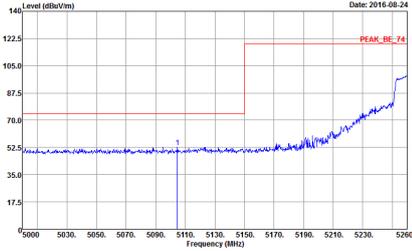
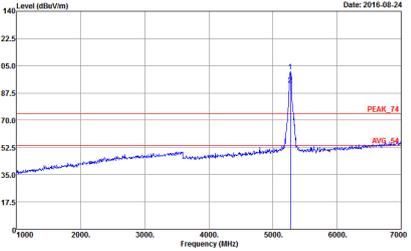
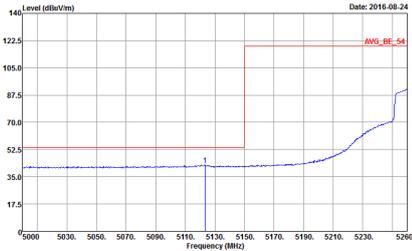
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 33</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 33</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 33</p>	Left blank



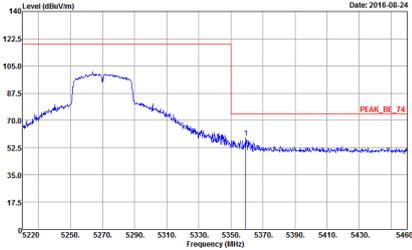
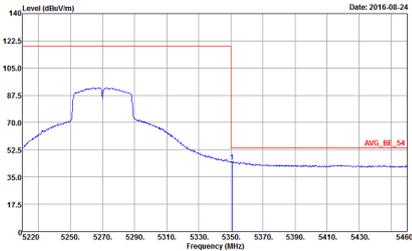
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1320 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 33</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1320 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 33</p>
Avg.	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1320 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 33</p>	Left blank



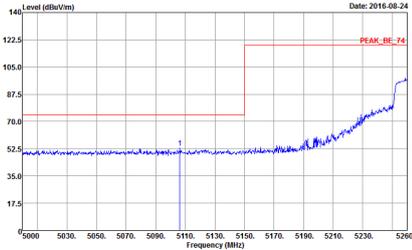
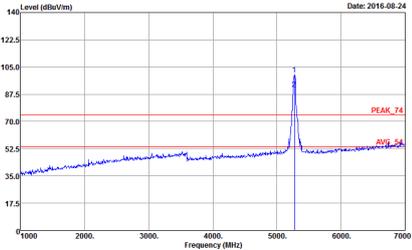
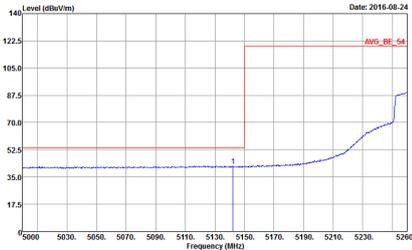
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 39</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 39</p>
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 39</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 39</p>	Left blank
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 39</p>	Left blank

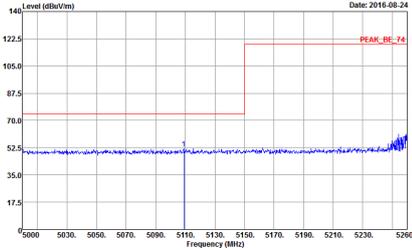
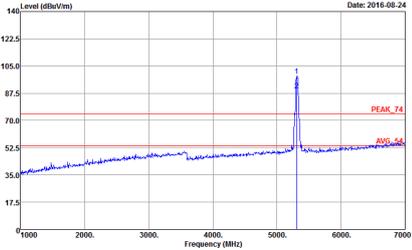
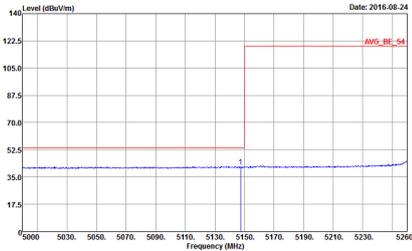


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 39</p>	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 39</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 39</p>	Left blank

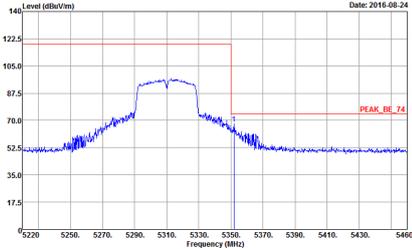
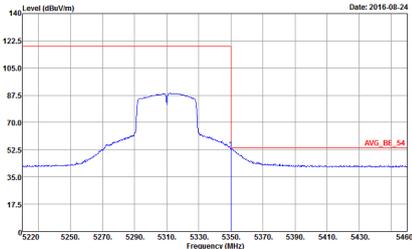


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
<p>Peak</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-FY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 39</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-FY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 39</p>	<p>Left blank</p>

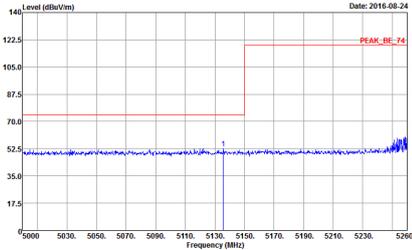
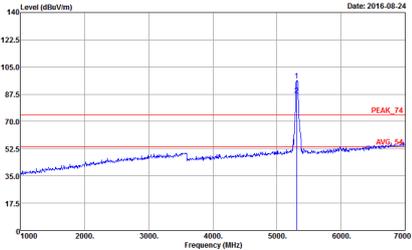
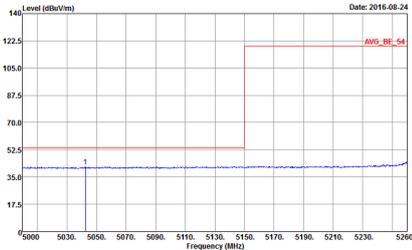


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 40 Setting : 14</p>	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>AVG_54</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 40 Setting : 14</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 40 Setting : 14</p>	Left blank

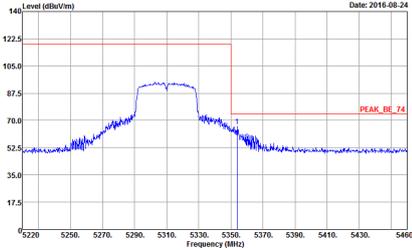
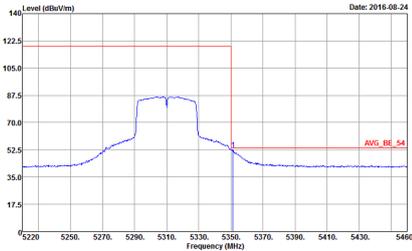


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 40 Setting : 14</p>	Left blank
Avg.	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 40 Setting : 14</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 40 Setting : 14</p>	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>AVG_54</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 40 Setting : 14</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 40 Setting : 14</p>	Left blank



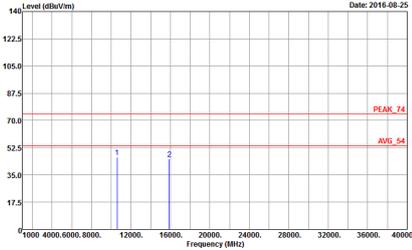
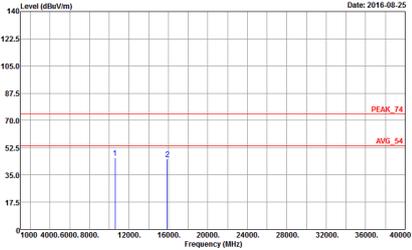
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-24</p> <pre> Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 40 Setting : 14 </pre>	Left blank
Avg.	 <p>Date: 2016-08-24</p> <pre> Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:auto Detector : Peak Project : 672509 Mode : 40 Setting : 14 </pre>	Left blank



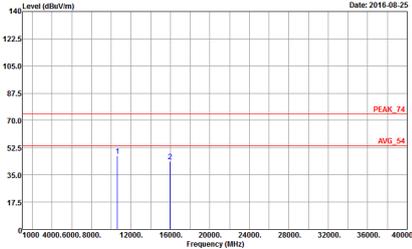
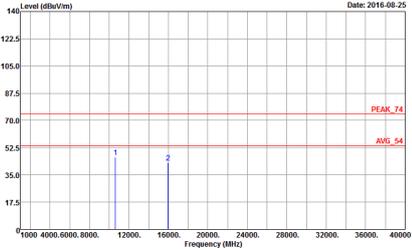
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 22</p>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 22</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 23</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 23</p>



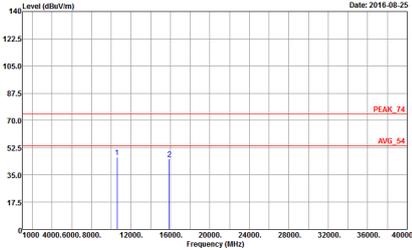
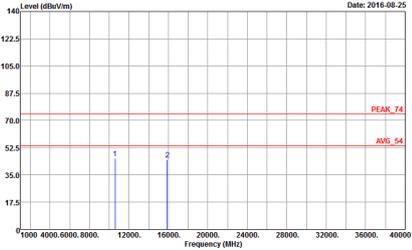
WIFI	Band 2 5250-5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 24</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 24</p>



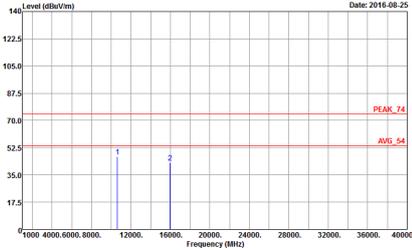
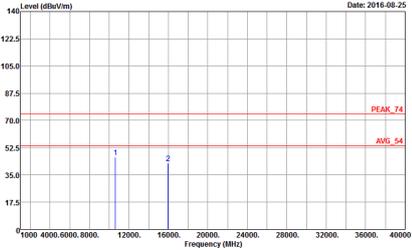
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 31</p>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 31</p>

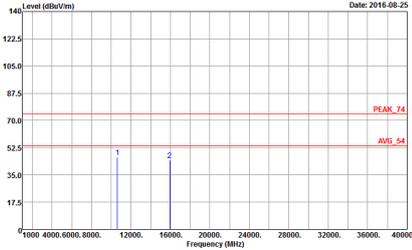
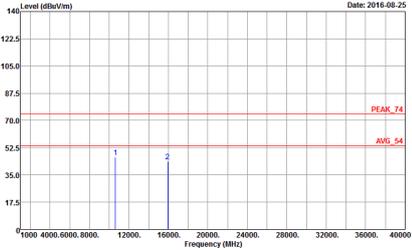


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 32</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 32</p>



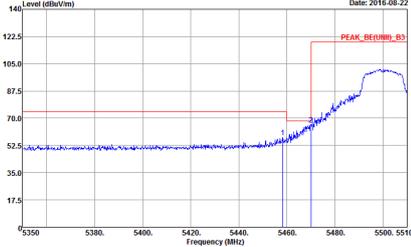
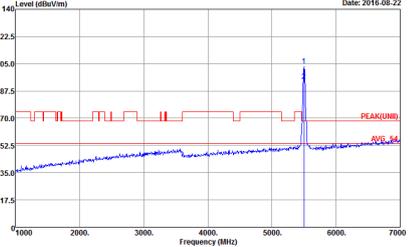
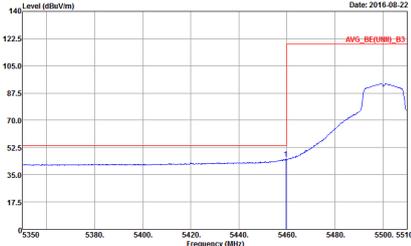
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK,74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 33</p>	 <p>Site : 03CH12-HY Condition : PEAK,74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 33</p>



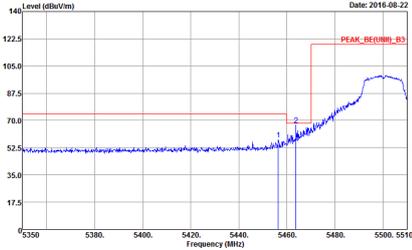
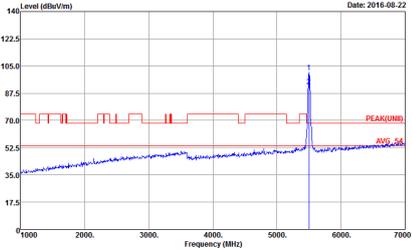
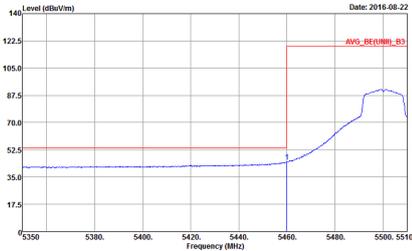
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 40</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 40</p>



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
<p>Peak</p>	 <p>Date: 2016-08-22</p> <p>Level (dBuV/m) vs Frequency (MHz)</p> <p>Peak: PEAK_BE(UNI)_B3</p> <p>Site: :03CH12-HY Condition: :PEAK_BE(UNI)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector: :Peak Project: :672509 Mode: :25 Setting: :18.5</p>	 <p>Date: 2016-08-22</p> <p>Level (dBuV/m) vs Frequency (MHz)</p> <p>Peak: PEAK(UNI) AVE: 44</p> <p>Site: :03CH12-HY Condition: :PEAK(UNI) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector: :Peak Project: :672509 Mode: :25 Setting: :18.5</p>
<p>Avg.</p>	 <p>Date: 2016-08-22</p> <p>Level (dBuV/m) vs Frequency (MHz)</p> <p>Avg: AVG_BE(UNI)_B3</p> <p>Site: :03CH12-HY Condition: :AVG_BE(UNI)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:1000kHz SWT:Auto Detector: :Peak Project: :672509 Mode: :25 Setting: :18.5</p>	<p>Left blank</p>

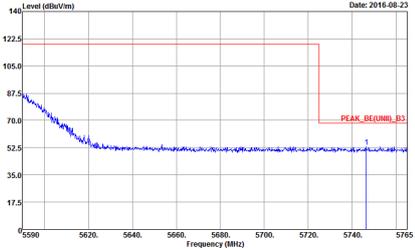


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-22</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 25 Setting : 18.5</p>	 <p>Date: 2016-08-22</p> <p>Site : 03CH12-HY Condition : PEAK(UNII)_3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 25 Setting : 18.5</p>
Avg.	 <p>Date: 2016-08-22</p> <p>Site : 03CH12-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 25 Setting : 18.5</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	<p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UNII)_B3 3m HORN 9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 26 Setting : 18.5</p>	<p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK(UNII)_3m HORN 9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 26 Setting : 18.5</p>
Avg.	<p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE(UNII)_B3 3m HORN 9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 26 Setting : 18.5</p>	Left blank

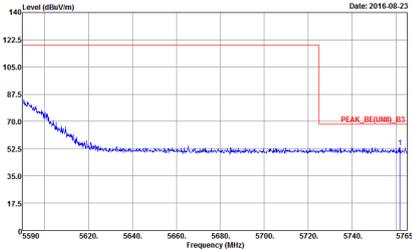


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(UNID)_B3 3m HORN 9130D 1320 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 25 Setting : 18.5</p>	Left blank

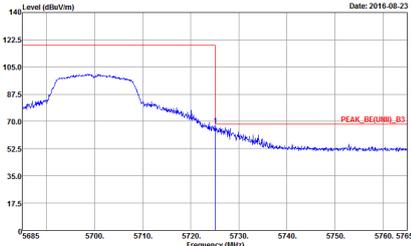
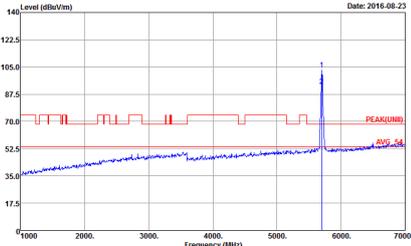


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	<p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UMI)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 26 Setting : 18.5</p>	<p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK(UMI)_3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 26 Setting : 18.5</p>
Avg.	<p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : AVG_BE(UMI)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 26 Setting : 18.5</p>	Left blank

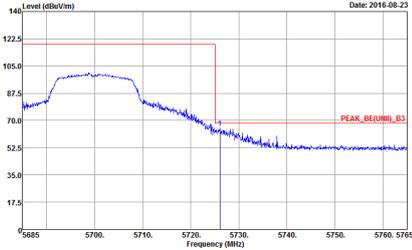
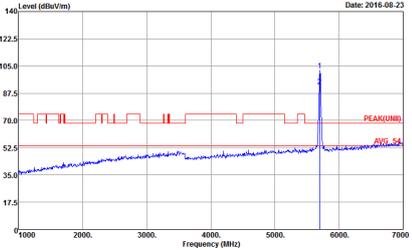


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-21V Condition : PEAK_BE(UMI)_B3 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 26 Setting : 18.5</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 27 Setting : 17.5</p>	 <p>Date: 2016-08-23</p> <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 27 Setting : 17.5</p>



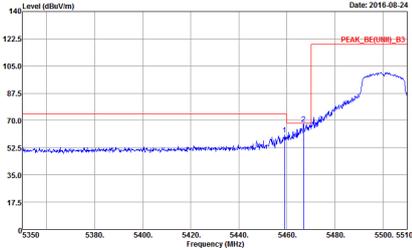
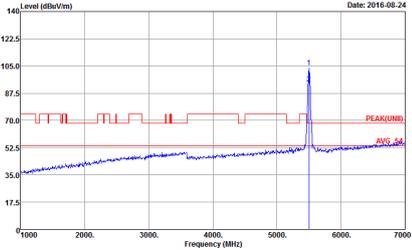
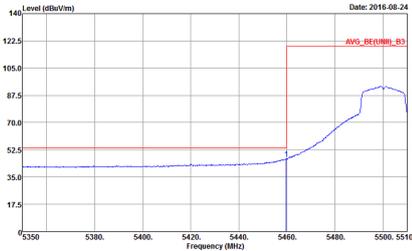
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(UNI)_B3 3m HORN 9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 27 Setting : 17.5</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNI) 3m HORN 9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 27 Setting : 17.5</p>



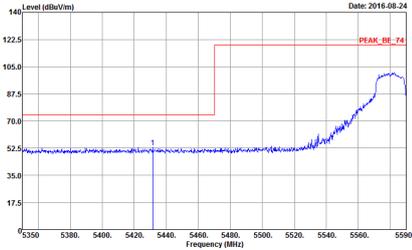
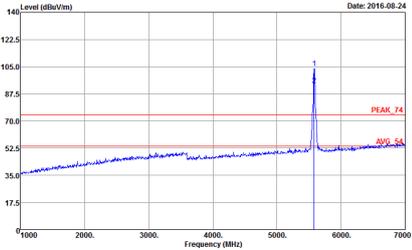
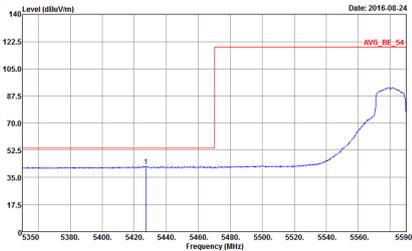
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
<p>Peak</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UMI)_B3 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 34 Setting : 18.5</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK(UMI) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 34 Setting : 18.5</p>
<p>Avg.</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : AVG_BE(UMI)_B3 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 34 Setting : 18.5</p>	<p>Left blank</p>

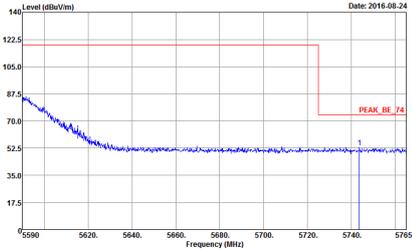
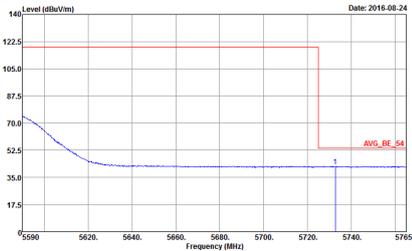


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 34 Setting : 18.5</p>	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK(UNII)_3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 34 Setting : 18.5</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 34 Setting : 18.5</p>	Left blank

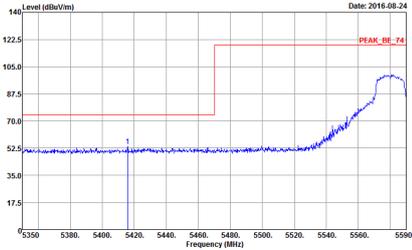
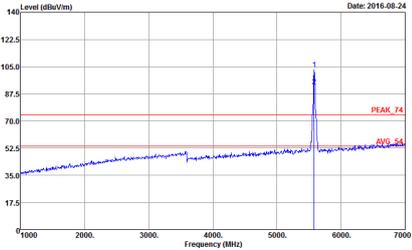
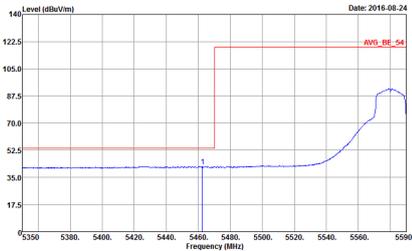


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 35</p>	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>Avg_54</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 35</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>Avg_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:auto Detector : Peak Project : 672509 Mode : 35</p>	Left blank

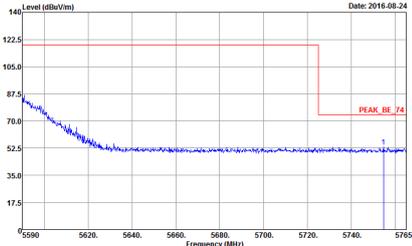
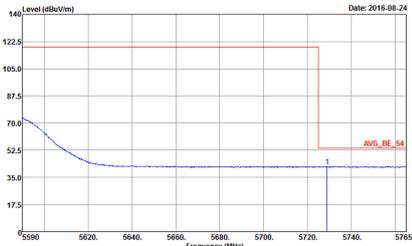


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016.08.24</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 35</p>	Left blank
Avg.	 <p>Date: 2016.08.24</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:auto Detector : Peak Project : 672509 Mode : 35</p>	Left blank

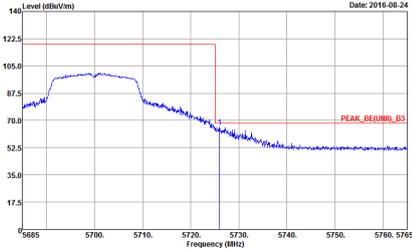
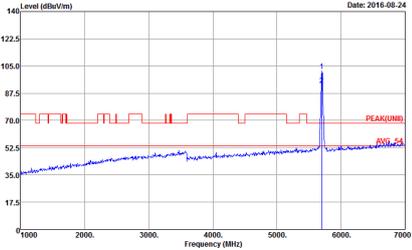


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 35</p>	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>AVG_54</p> <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 35</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:auto Detector : Peak Project : 672509 Mode : 35</p>	Left blank

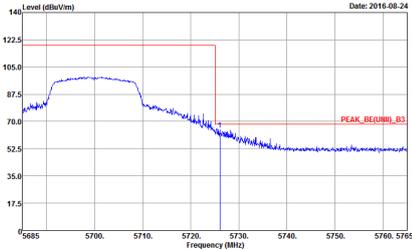
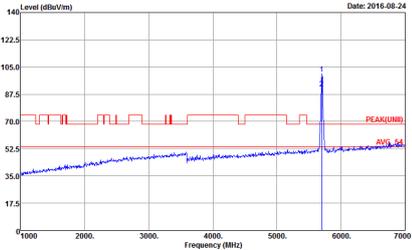


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016.08.24</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 35</p>	Left blank
Avg.	 <p>Date: 2016.08.24</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:auto Detector : Peak Project : 672509 Mode : 35</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(UNI)_B3 3m HORN 9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 36 Setting : 17 : 68.2_78.2</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNI) 3m HORN 9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 36 Setting : 17 : 68.2_78.2</p>



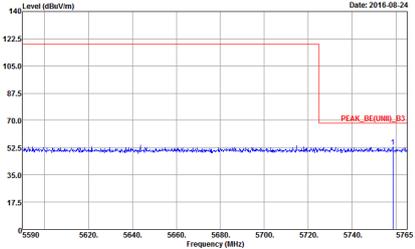
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 <p>Site : 09CH12-HY Condition : PEAK_BE(UNI)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 36 Setting : 17 : 68.2_78.2</p>	 <p>Site : 09CH12-HY Condition : PEAK(UNI) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 36 Setting : 17 : 68.2_78.2</p>



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
<p>Peak</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UNI)_B3 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 41 Setting : 15</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK(UNI)_3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 41 Setting : 15</p>
<p>Avg.</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : AVG_BE(UNI)_B3 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 41 Setting : 15</p>	<p>Left blank</p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : PEAK_BE(UNQ)_B3 3m HORN 9130D 1320 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 41 Setting : 15</p>	Left blank

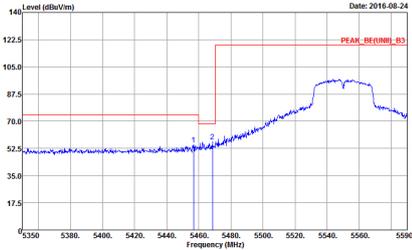
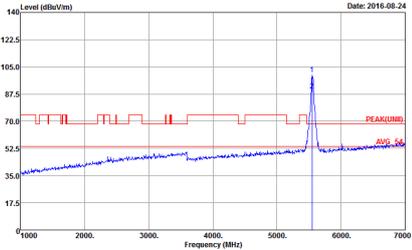
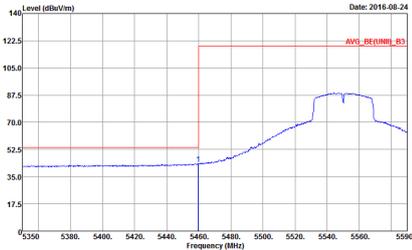


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UMI)_B3 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 41 Setting : 15</p>	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK(UMI)_3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 41 Setting : 15</p>
Avg.	<p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : AVG_BE(UMI)_B3 3m HORN 9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 41 Setting : 15</p>	Left blank

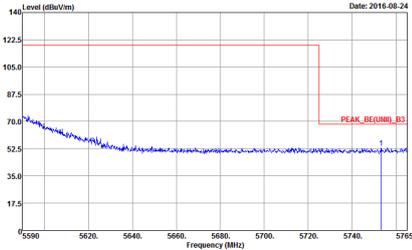


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-3V Condition : PEAK_BE(UNI)_B3 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 41 Setting : 15</p>	Left blank

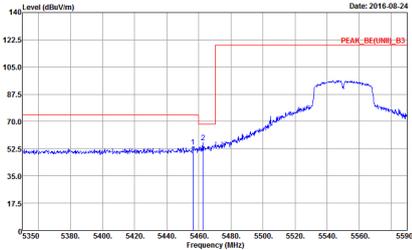
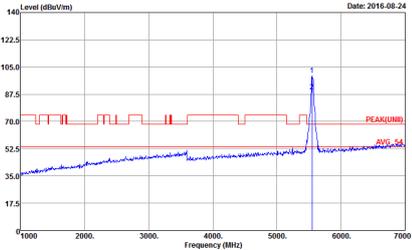
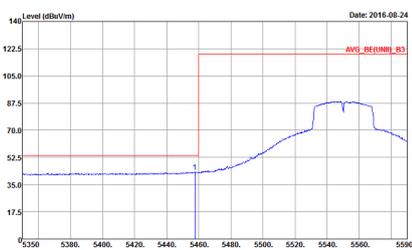


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_BE(UNI)_B3</p> <p>Site : 03CH12-31V Condition : PEAK_BE(UNI)_B3 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 42 Setting : 18</p>	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK(UNI)_B3</p> <p>Site : 03CH12-31V Condition : PEAK(UNI)_B3 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 42 Setting : 18</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>AVG_BE(UNI)_B3</p> <p>Site : 03CH12-31V Condition : AVG_BE(UNI)_B3 3m HORN 9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 42 Setting : 18</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-2V Condition : PEAK_BE(UNI)_B3 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 42 Setting : 18</p>	Left blank

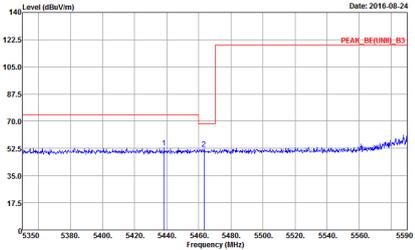
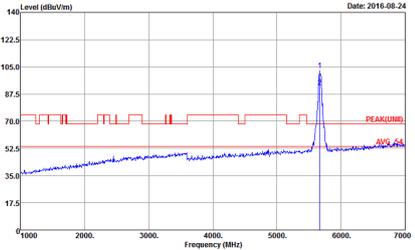
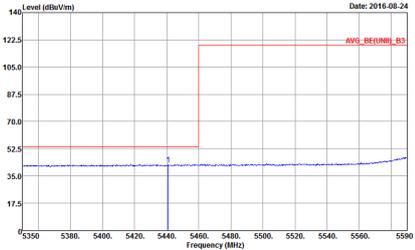


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK_BE(UNH)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 42 Setting : 18</p>	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : PEAK(UNH)_3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 42 Setting : 18</p>
Avg.	 <p>Date: 2016-08-24</p> <p>Site : 03CH12-HY Condition : AVG_BE(UNH)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 42 Setting : 18</p>	Left blank

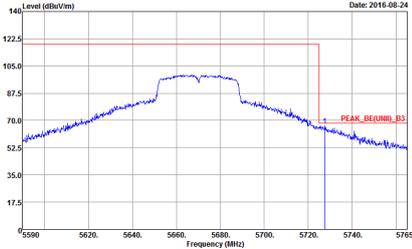


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1328 VERTICAL - RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 42 Setting : 1B</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-31V Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 43 Setting : 18</p>	 <p>Site : 03CH12-31V Condition : PEAK(UNII)_3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 43 Setting : 18</p>
Avg.	 <p>Site : 03CH12-31V Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 43 Setting : 18</p>	Left blank

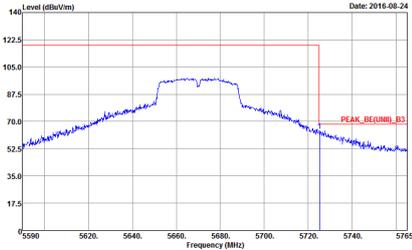


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016.08.24</p> <pre> Site : 03CH12-HY Condition : PEAK_BE(UNID)_B3 3m HORN 9130D 1320 HORIZONTAL RBW : 1000.000kHz Detector : Peak Project : 672509 Mode : 43 Setting : 1B </pre>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY Condition : PEAK_BE(UMI)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 43 Setting : 18</p>	<p>Site : 03CH12-HY Condition : PEAK(UMI) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 43 Setting : 18</p>
Avg.	<p>Site : 03CH12-HY Condition : AVG_BE(UMI)_B3 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 672509 Mode : 43 Setting : 18</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-3V Condition : PEAK_BE(UMI)_B3 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 672509 Mode : 43 Setting : 18</p>	Left blank

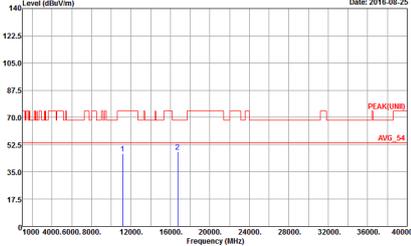
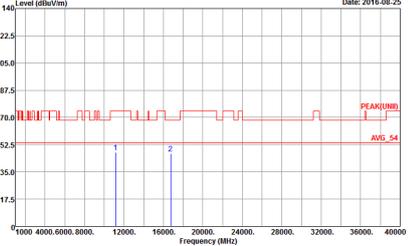


Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

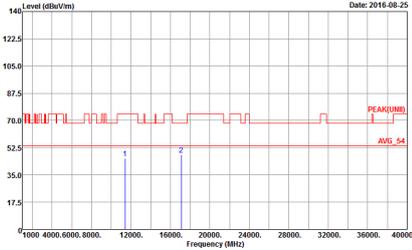
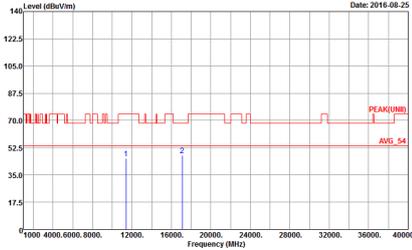
Table with 2 columns: WIFI (Band 3 5470~5725MHz Harmonic @ 3m) and ANT (802.11a CH100 5500MHz). It contains two sub-tables for 'Horizontal' and 'Vertical' measurements, each with a spectrum plot and associated metadata like 'Site', 'Condition', 'Detector', 'Project', and 'Mode'.

Peak
Avg.

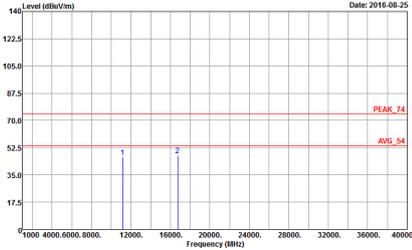
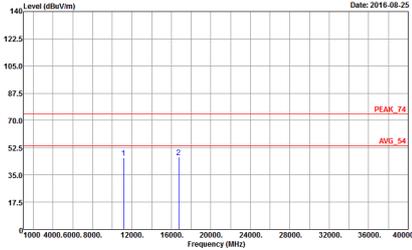


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">  <p>Site : 03CH12-HY Condition : PEAK[UNI] 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 26</p> </div> <div style="width: 45%;">  <p>Site : 03CH12-HY Condition : PEAK[UNI] 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 26</p> </div> </div>	

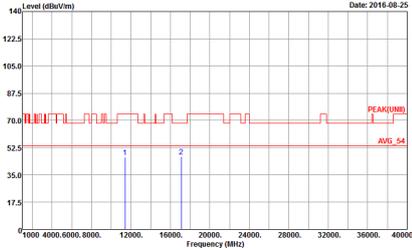
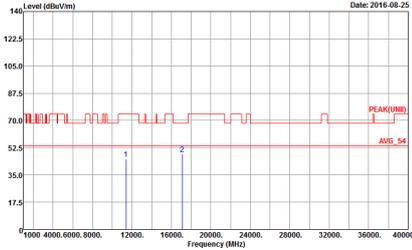


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNI) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 27</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNI) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 27</p>



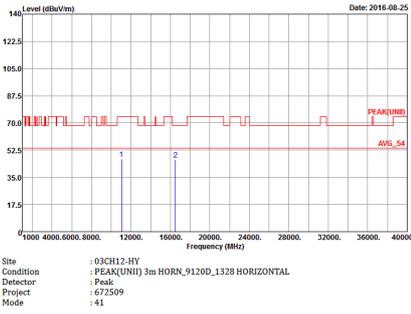
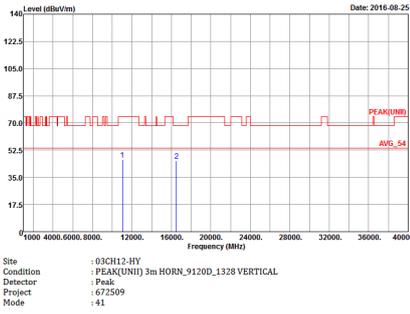
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 35</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 35</p>



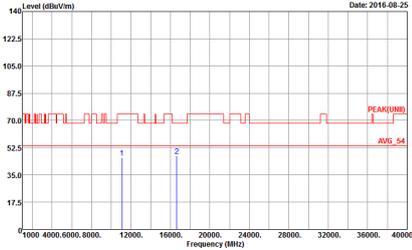
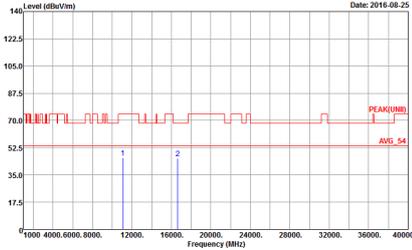
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Date: 2016-08-25</p> <p>Site : 03CH12-HY Condition : PEAK(UNI) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 36</p>	 <p>Date: 2016-08-25</p> <p>Site : 03CH12-HY Condition : PEAK(UNI) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 36</p>



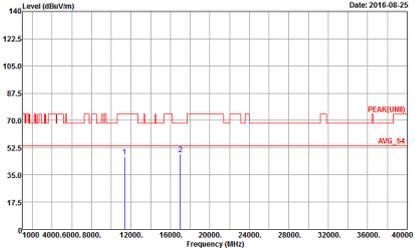
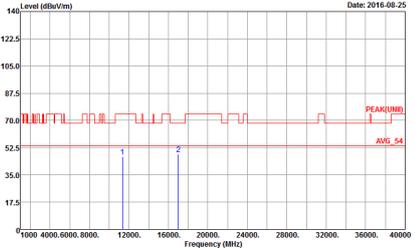
**Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

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



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNI) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 42</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNI) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 42</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">  <p>Site : 03CH12-HY Condition : PEAK[UNI] 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 672509 Mode : 43</p> </div> <div style="width: 45%;">  <p>Site : 03CH12-HY Condition : PEAK[UNI] 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 672509 Mode : 43</p> </div> </div>	



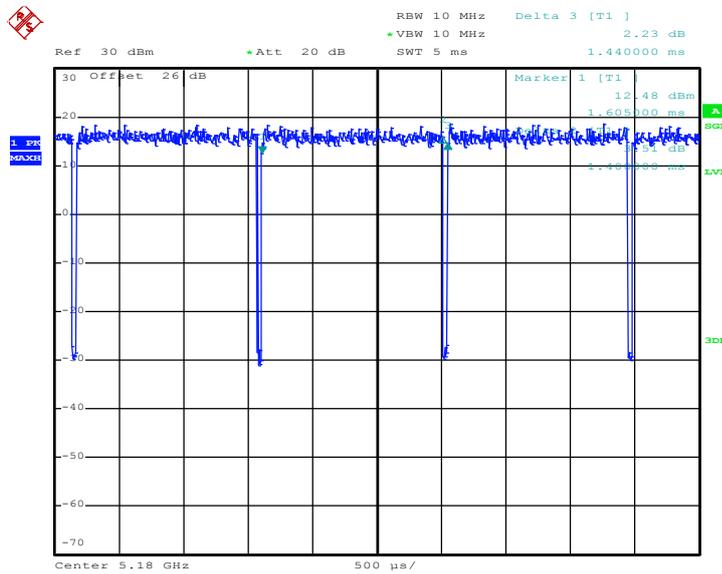
Emission below 1GHz
5GHz WIFI 802.11n HT20 (LF)

WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak	<p>Site : 03CH12-HY Condition : QP 3m BILOG_6111D_37059 HORIZONTAL Detector : Peak Project : 672509 Mode : 44</p>	<p>Site : 03CH12-HY Condition : QP 3m BILOG_6111D_37059 VERTICAL Detector : Peak Project : 672509 Mode : 44</p>

Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
1	802.11a	97.22	1400.00	0.71	1kHz
1	5GHz 802.11n HT20	97.02	1300.00	0.77	1kHz
1	5GHz 802.11n HT40	93.86	642.00	1.56	3kHz

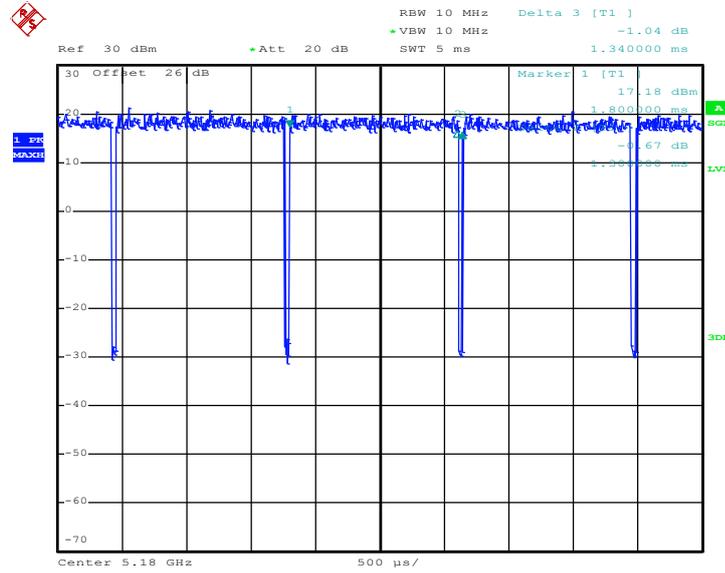
802.11a



Date: 27.JUL.2016 15:02:30

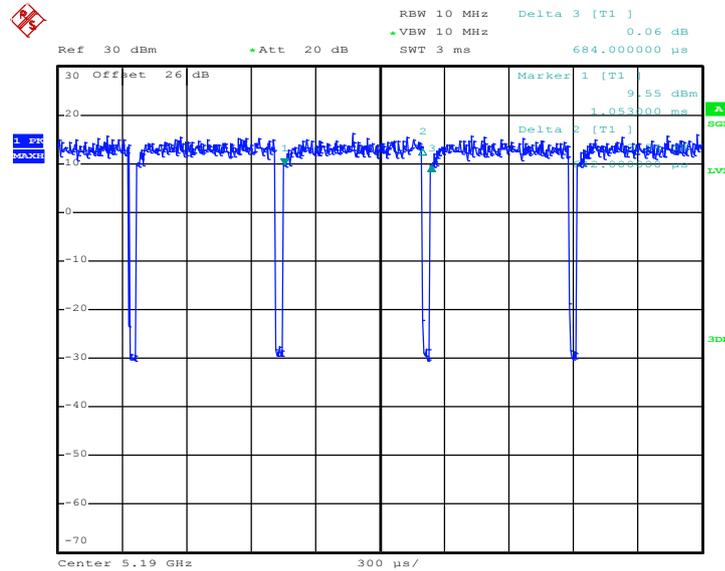


802.11n HT20



Date: 27.JUL.2016 16:17:10

802.11n HT40



Date: 27.JUL.2016 17:18:07