

FCC RF Test Report

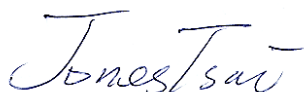
APPLICANT : Getac Technology Corporation.
EQUIPMENT : Tablet
BRAND NAME : Getac
MODEL NAME : MX50
FCC ID : QYLAP6234M
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure

The product was received on Aug. 10, 2016 and testing was completed on Sep. 12, 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.



TABLE OF CONTENTS

SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Manufacturer	5
1.3 Product Feature of Equipment Under Test	5
1.4 Product Specification of Equipment Under Test	6
1.5 Modification of EUT	6
1.6 Testing Location	7
1.7 Applicable Standards	7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	8
2.1 Carrier Frequency Channel	8
2.2 Test Mode	9
2.3 Connection Diagram of Test System	10
2.4 Support Unit used in test configuration and system	11
2.5 EUT Operation Test Setup	11
2.6 Measurement Results Explanation Example	12
3 TEST RESULT	13
3.1 26dB & 99% Occupied Bandwidth Measurement	13
3.2 Maximum Conducted Output Power Measurement	15
3.3 Power Spectral Density Measurement	17
3.4 Unwanted Radiated Emission Measurement	20
3.5 AC Conducted Emission Measurement	25
3.6 Frequency Stability Measurement	29
3.7 Automatically Discontinue Transmission	30
3.8 Antenna Requirements	31
4 LIST OF MEASURING EQUIPMENTS	32
5 UNCERTAINTY OF EVALUATION	33
APPENDIX A. CONDUCTED TEST RESULTS	
APPENDIX B. RADIATED SPURIOUS EMISSION	
APPENDIX C. RADIATED SPURIOUS EMISSION PLOTS	
APPENDIX D. DUTY CYCLE PLOTS	
APPENDIX E. SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR680937-02D	Rev. 01	Initial issue of report	Nov. 04, 2016

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	$\leq -17, -27$ dBm (depend on band)&15.209(a)	Pass	Under limit 1.90 dB at 5725.000 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 25.10 dB at 0.478 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

Getac Technology Corporation.

5F., Building A, No. 209, Sec. 1, Nangang Rd., Nangang Dist., Taipei City 11568, Taiwan, R.O.C.

1.2 Manufacturer

Getac Technology (Kunshan) Co., LTD.

No. 269, No. 2 Avenue, Kunshan Comprehensive Free Trade Zone, Jiangsu Province, P.R.C

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Tablet
Brand Name	Getac
Model Name	MX50
FCC ID	QYLAP6234M
Integrated WLAN Module	Brand Name: AMPAK Model Name: AP6234
EUT supports Radios application	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.

Sample Information					
SKU	Wifi+BT	GPS	WWAN	RFID	eMMC
SKU 1	Brand Name: AMPAK Model Name: AP6234	Brand Name: Ublox Model Name: MAX-M8Q	not support	not support	64G
SKU 2	Brand Name: AMPAK Model Name: AP6234	Brand Name: Ublox Model Name: MAX-M8Q	not support	not support	128G

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 ~ 5700 MHz
Maximum Output Power to Antenna	<5180 MHz ~ 5240 MHz> 802.11a : 6.51 dBm / 0.0045 W 802.11n HT20 : 5.90 dBm / 0.0039 W 802.11n HT40 : 6.05 dBm / 0.0040 W <5260 MHz ~ 5320 MHz> 802.11a : 4.26 dBm / 0.0027 W 802.11n HT20 : 3.58 dBm / 0.0023 W 802.11n HT40 : 3.96 dBm / 0.0025 W <5500 MHz ~ 5700 MHz > 802.11a : 5.82 dBm / 0.0038 W 802.11n HT20 : 4.58 dBm / 0.0029 W 802.11n HT40 : 4.70 dBm / 0.0030 W
99% Occupied Bandwidth	802.11a : 17.35 MHz 802.11n HT20 : 18.10 MHz 802.11n HT40 : 36.40 MHz
Antenna Gain / Gain	<5150 MHz ~ 5250 MHz> Chip Antenna with gain -0.61 dBi <5250 MHz ~ 5350 MHz> Chip Antenna with gain 0.74 dBi <5470 MHz ~ 5725 MHz> Chip Antenna with gain 0.99 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

Note: WLAN operation in 5600 MHz ~ 5650 MHz is notched.

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 (X 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)
5470-5725 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		

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

Note: The above Frequency and Channel in "*" 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

AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + Video Record (Rear) + Earphone + SD Card + USB Cable (Data transfer with Notebook) + Adapter
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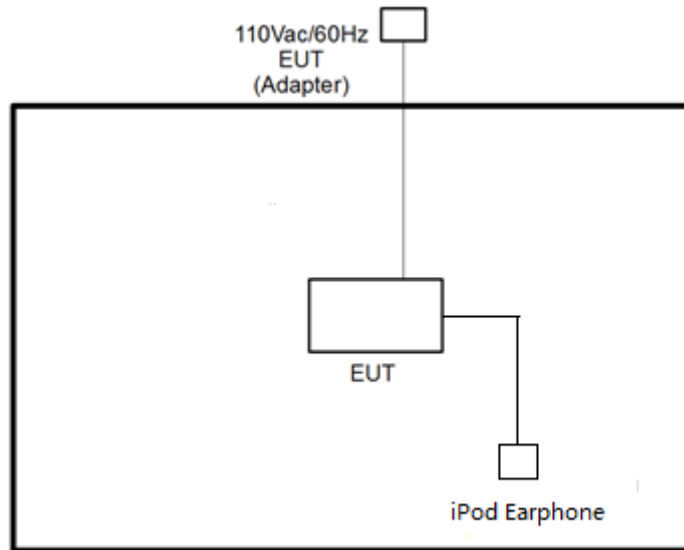
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

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

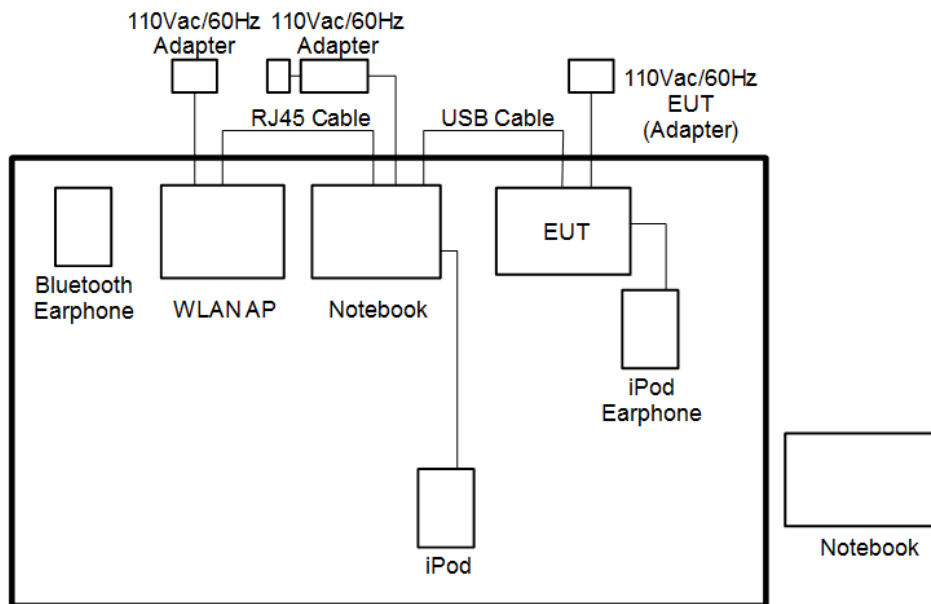
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	D-Link	DIR-628	KA2DIR628A2	N/A	Unshielded, 1.8 m
2.	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
3.	Notebook	DELL	P20G	FCC DoC/ Contains FCC ID: QDS-BRCM1051	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
5.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
6.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
7.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The programmed RF utility “RF Test Tool”, is installed in EUT to provide channel selection, power level, data rate and the application type. RF Utility can send transmitting signal for all testing. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.



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.

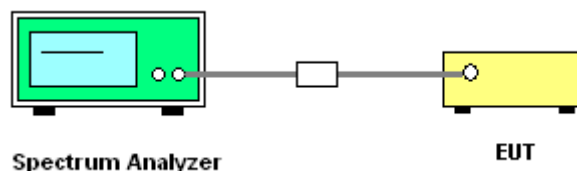
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

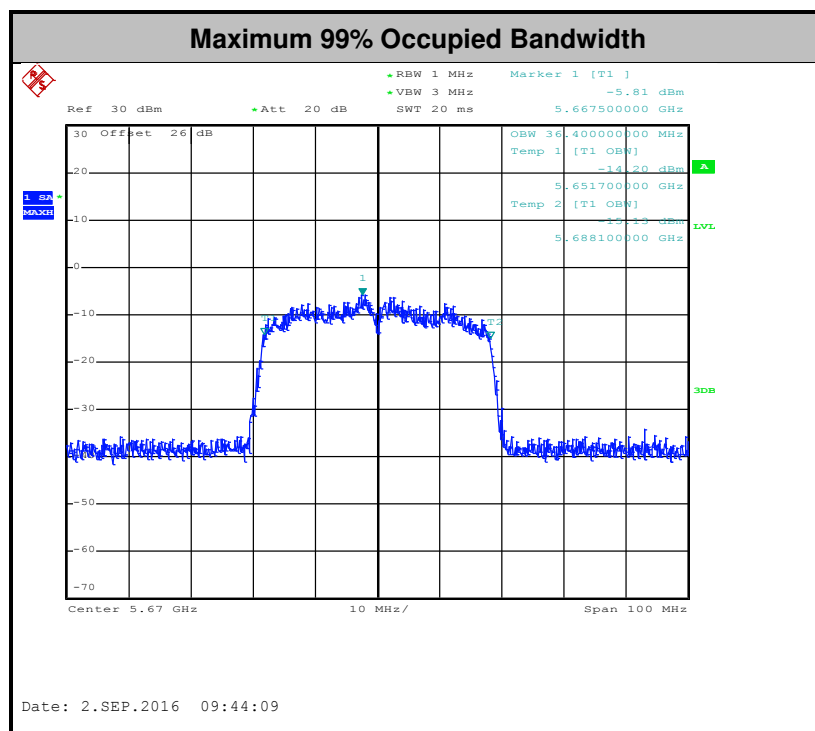
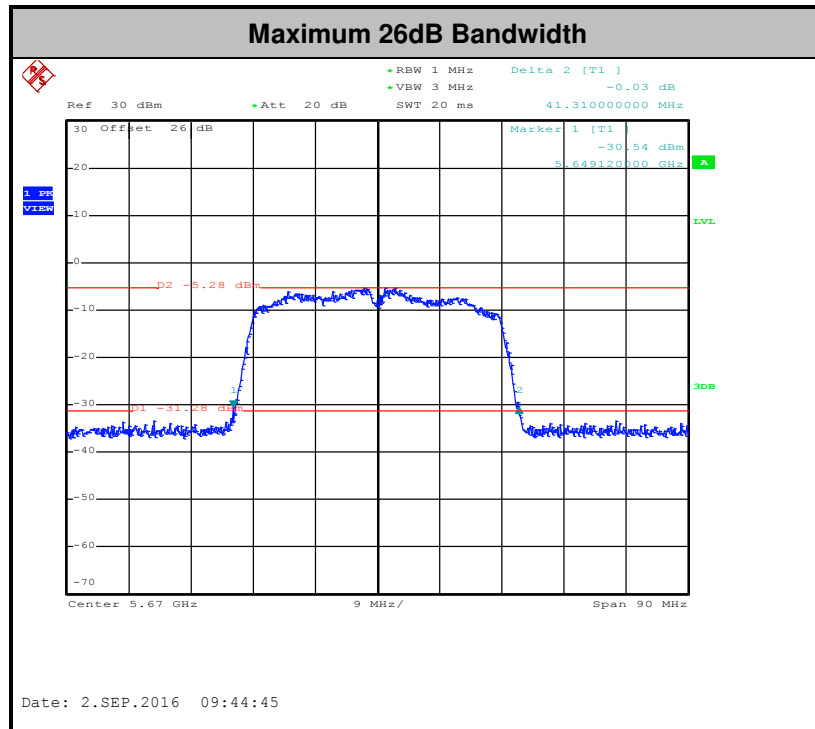
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03.
Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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) $\geq 3 * \text{RBW}$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



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

Please refer to Appendix A.



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

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

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

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

3.2.2 Measuring Instruments

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

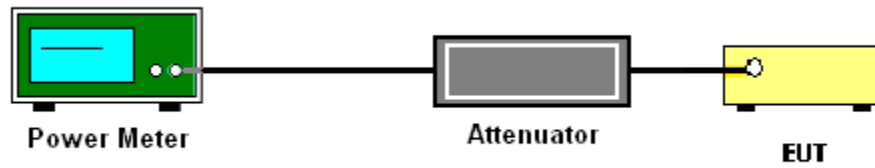
3.2.3 Test Procedures

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

<FCC 14-30 CFR 15.407>

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

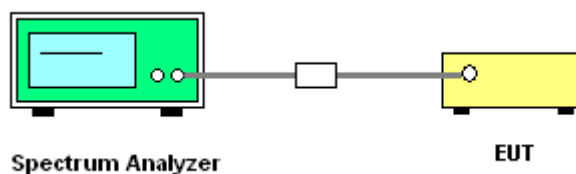
Section F) Maximum power spectral density.

Method SA-2

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

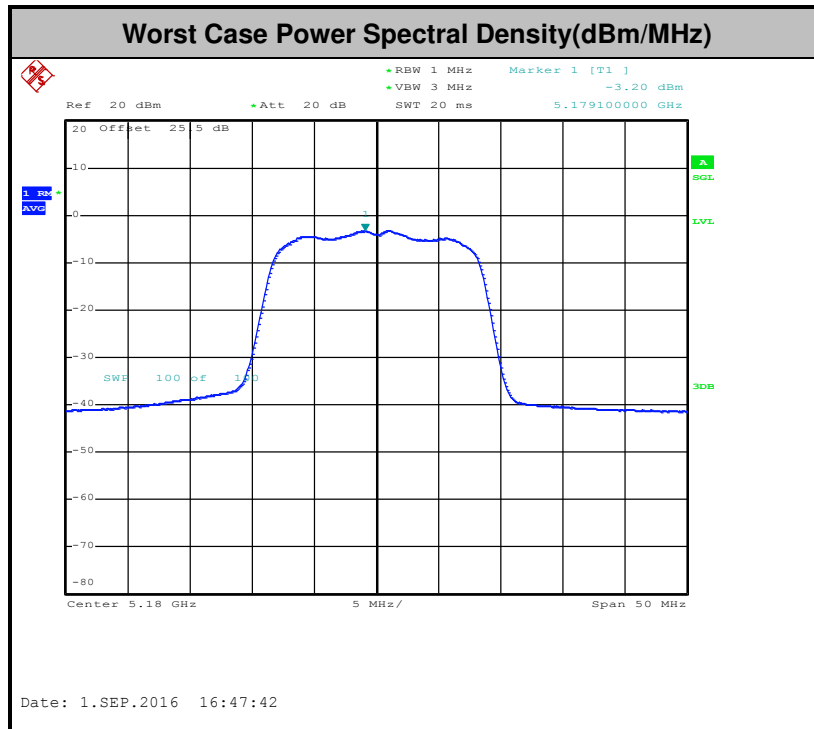
1. The testing follows Method SA-2 of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03.
 - Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - 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.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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

3.4 Unwanted Radiated Emission Measurement

This section 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 Part 15.205.

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

- (2) Unwanted spurious emissions fallen in restricted bands per FCC Part 15.205 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.

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

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

- (3) KDB789033 D01 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.

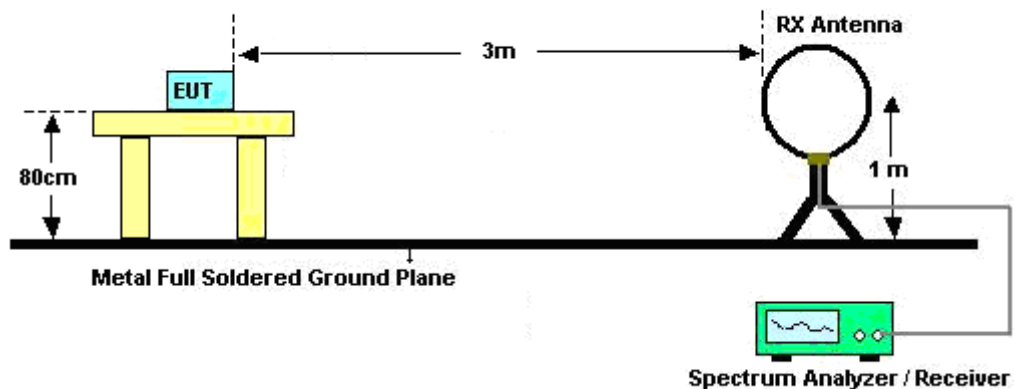
3.4.3 Test Procedures

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 ≥ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

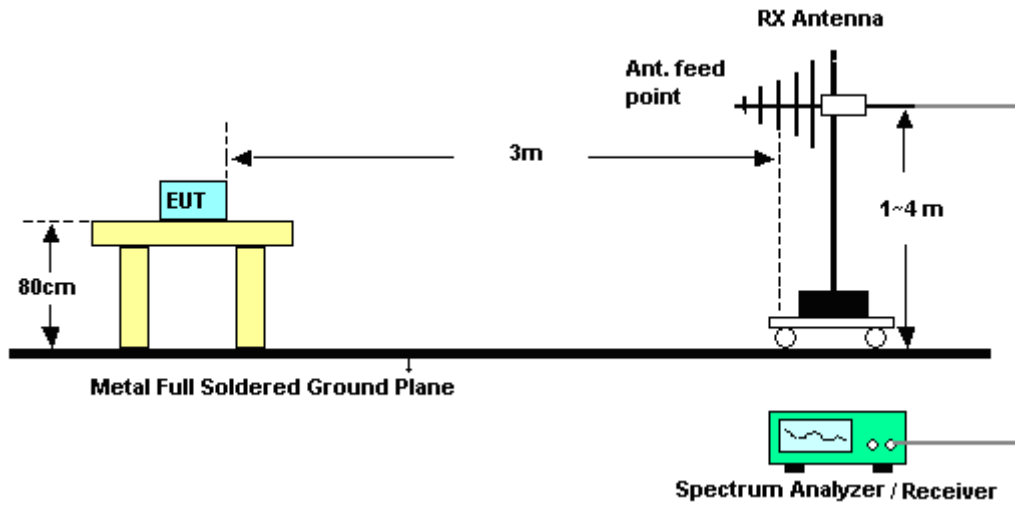
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

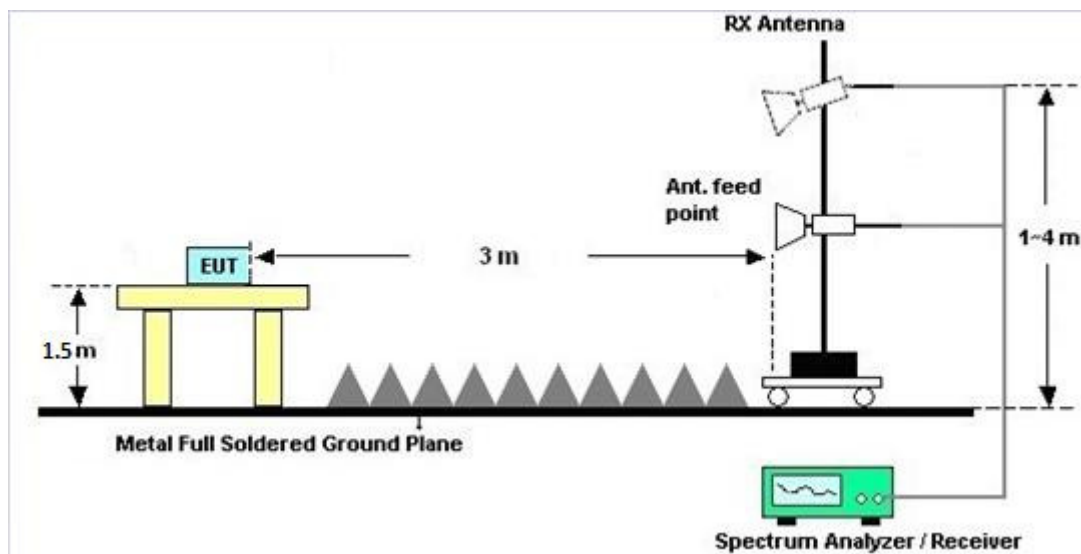
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





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

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

3.4.6 Test Result of Radiated Spurious at 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 Radiated Spurious Emissions (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.

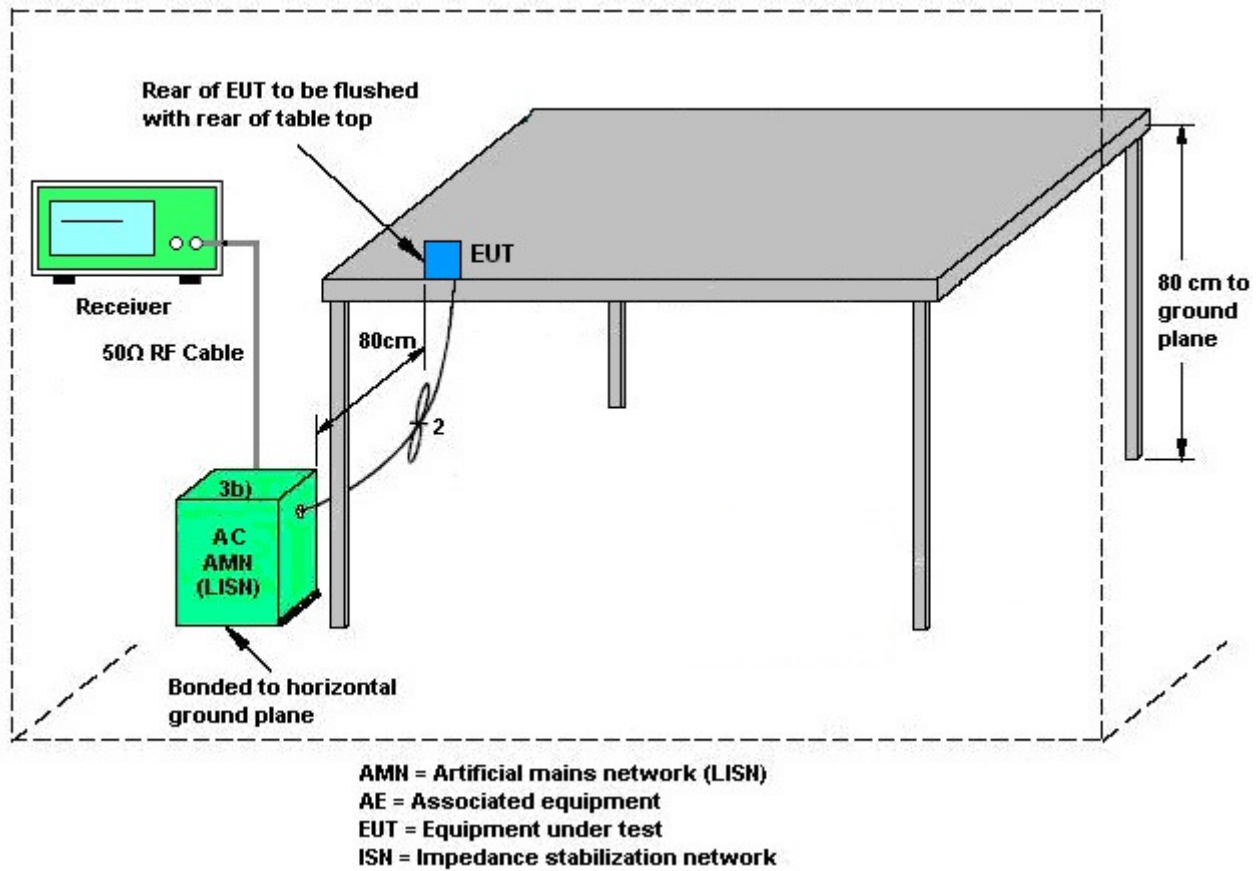
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

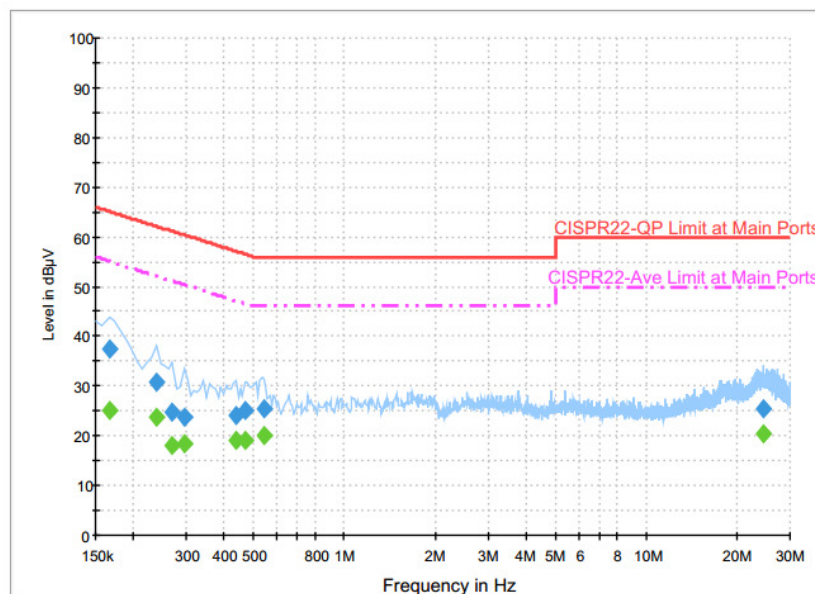
1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
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 :	23~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~52%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	Bluetooth Link + WLAN (5GHz) Link + Video Record (Rear) + Earphone + SD Card + USB Cable (Data transfer with Notebook) + Adapter		



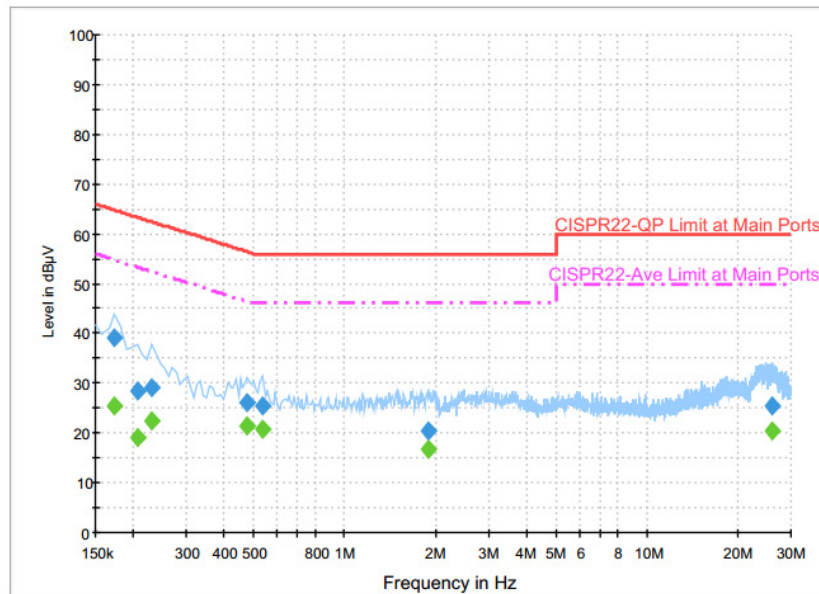
Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.166000	37.3	Off	L1	19.6	27.9	65.2
0.238000	30.8	Off	L1	19.6	31.4	62.2
0.270000	24.6	Off	L1	19.6	36.5	61.1
0.294000	23.9	Off	L1	19.6	36.5	60.4
0.438000	24.0	Off	L1	19.6	33.1	57.1
0.470000	24.9	Off	L1	19.6	31.6	56.5
0.542000	25.5	Off	L1	19.6	30.5	56.0
24.614000	25.5	Off	L1	19.9	34.5	60.0

Final Result : Average

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.166000	25.1	Off	L1	19.6	30.1	55.2
0.238000	23.8	Off	L1	19.6	28.4	52.2
0.270000	18.0	Off	L1	19.6	33.1	51.1
0.294000	18.5	Off	L1	19.6	31.9	50.4
0.438000	19.2	Off	L1	19.6	27.9	47.1
0.470000	18.9	Off	L1	19.6	27.6	46.5
0.542000	20.2	Off	L1	19.6	25.8	46.0
24.614000	20.6	Off	L1	19.9	29.4	50.0

Test Mode :	Mode 1	Temperature :	23~24°C
Test Engineer :	Arthur Hsieh	Relative Humidity :	51~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	Bluetooth Link + WLAN (5GHz) Link + Video Record (Rear) + Earphone + SD Card + USB Cable (Data transfer with Notebook) + Adapter		


Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.174000	39.0	Off	N	19.6	25.8	64.8
0.206000	28.3	Off	N	19.6	35.1	63.4
0.230000	28.9	Off	N	19.6	33.5	62.4
0.478000	26.2	Off	N	19.6	30.2	56.4
0.534000	25.5	Off	N	19.6	30.5	56.0
1.894000	20.6	Off	N	19.6	35.4	56.0
25.870000	25.5	Off	N	20.1	34.5	60.0

Final Result : Average

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.174000	25.5	Off	N	19.6	29.3	54.8
0.206000	19.1	Off	N	19.6	34.3	53.4
0.230000	22.6	Off	N	19.6	29.8	52.4
0.478000	21.3	Off	N	19.6	25.1	46.4
0.534000	20.8	Off	N	19.6	25.2	46.0
1.894000	16.8	Off	N	19.6	29.2	46.0
25.870000	20.5	Off	N	20.1	29.5	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.

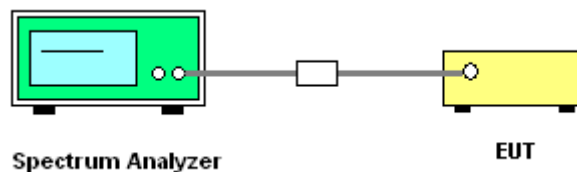
3.6.2 Measuring Instruments

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
AC Power Source	AC POWER	AFC-500W	F104070011	50Hz~60Hz	Dec. 02, 2015	Aug. 29, 2016 ~ Sep. 05, 2016	Dec. 01, 2016	Conducted (TH02-HY)
Power Meter	Anritsu	ML2495A	1036004	300MHz~40GHz	Jul. 28, 2016	Aug. 29, 2016 ~ Sep. 05, 2016	Jul. 27, 2017	Conducted (TH02-HY)
Power Sensor	Anritsu	MA2411B	1027253	300MHz~40GHz	Jul. 28, 2016	Aug. 29, 2016 ~ Sep. 05, 2016	Jul. 27, 2017	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 17, 2016	Aug. 29, 2016 ~ Sep. 05, 2016	Jun. 16, 2017	Conducted (TH02-HY)
Thermal Chamber	Ten Billion	TTH-D3SP	TBN-930701	N/A	Jul. 11, 2016	Aug. 29, 2016 ~ Sep. 05, 2016	Jul. 10, 2017	Conducted (TH02-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Sep. 02, 2015	Sep. 01, 2016 ~ Sep. 03, 2016	Sep. 01, 2017	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D	37059	30MHz~1GHz	Dec. 29, 2015	Sep. 01, 2016 ~ Sep. 03, 2016	Dec. 28, 2016	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1328	1GHz ~ 18GHz	Nov. 02, 2015	Sep. 01, 2016 ~ Sep. 03, 2016	Nov. 01, 2016	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 02, 2015	Sep. 01, 2016 ~ Sep. 03, 2016	Nov. 01, 2016	Radiation (03CH12-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Nov. 20, 2015	Sep. 01, 2016 ~ Sep. 03, 2016	Nov. 19, 2016	Radiation (03CH12-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1815698	1GHz~18GHz	Dec. 14, 2015	Sep. 01, 2016 ~ Sep. 03, 2016	Dec. 13, 2016	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY53270148	1GHz~26.5GHz	Jan. 30, 2016	Sep. 01, 2016 ~ Sep. 03, 2016	Jan. 29, 2017	Radiation (03CH12-HY)
Preamplifier	MITEQ	JS44-1800400 0-33-8P	1840917	18GHz ~ 40GHz	Jun. 14, 2016	Sep. 01, 2016 ~ Sep. 03, 2016	Jun. 13, 2017	Radiation (03CH12-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100390	20Hz~26.5GHz	Dec. 21, 2015	Sep. 01, 2016 ~ Sep. 03, 2016	Dec. 20, 2016	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Sep. 01, 2016 ~ Sep. 03, 2016	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Sep. 01, 2016 ~ Sep. 03, 2016	N/A	Radiation (03CH12-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Sep. 12, 2016	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Sep. 12, 2016	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 02, 2015	Sep. 12, 2016	Dec. 01, 2016	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 14, 2015	Sep. 12, 2016	Dec. 13, 2016	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1
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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	Temperature:	21~25	°C
Test Date:	2016/08/29~2016/09/05	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	17.15	20.50	-	22.34		
11a	6Mbps	1	44	5220	17.20	20.70	-	22.36		
11a	6Mbps	1	48	5240	17.25	20.65	-	22.37		
HT20	MCS0	1	36	5180	18.00	25.70	-	22.55		
HT20	MCS0	1	44	5220	18.05	21.60	-	22.56		
HT20	MCS0	1	48	5240	18.05	21.35	-	22.56		
HT40	MCS0	1	38	5190	36.20	40.59	-	23.01		
HT40	MCS0	1	46	5230	36.40	41.04	-	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	0.15	6.51	24.00	-0.61		Pass
11a	6Mbps	1	44	5220	0.15	4.84	24.00	-0.61		Pass
11a	6Mbps	1	48	5240	0.15	4.29	24.00	-0.61		Pass
HT20	MCS0	1	36	5180	0.13	5.90	24.00	-0.61		Pass
HT20	MCS0	1	44	5220	0.13	4.16	24.00	-0.61		Pass
HT20	MCS0	1	48	5240	0.13	3.72	24.00	-0.61		Pass
HT40	MCS0	1	38	5190	0.29	6.05	24.00	-0.61		Pass
HT40	MCS0	1	46	5230	0.29	4.42	24.00	-0.61		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	0.15	-3.05	11.00	-0.61		Pass
11a	6Mbps	1	44	5220	0.15	-5.54	11.00	-0.61		Pass
11a	6Mbps	1	48	5240	0.15	-6.25	11.00	-0.61		Pass
HT20	MCS0	1	36	5180	0.13	-5.01	11.00	-0.61		Pass
HT20	MCS0	1	44	5220	0.13	-6.64	11.00	-0.61		Pass
HT20	MCS0	1	48	5240	0.13	-6.98	11.00	-0.61		Pass
HT40	MCS0	1	38	5190	0.29	-7.09	11.00	-0.61		Pass
HT40	MCS0	1	46	5230	0.29	-8.95	11.00	-0.61		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	17.20	20.25	23.36	29.36	23.98	
11a	6M bps	1	60	5300	17.25	20.85	23.37	29.37	23.98	
11a	6M bps	1	64	5320	17.20	20.45	23.36	29.36	23.98	
HT20	MCS 0	1	52	5260	18.00	21.25	23.55	29.55	23.98	
HT20	MCS 0	1	60	5300	18.10	21.15	23.58	29.58	23.98	
HT20	MCS 0	1	64	5320	18.05	21.35	23.56	29.56	23.98	
HT40	MCS 0	1	54	5270	36.40	40.50	23.98	30.00	23.98	
HT40	MCS 0	1	62	5310	36.30	41.22	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	0.15	4.26	23.98	0.74	26.99	Pass
11a	6M bps	1	60	5300	0.15	3.49	23.98	0.74	26.99	Pass
11a	6M bps	1	64	5320	0.15	3.24	23.98	0.74	26.99	Pass
HT20	MCS 0	1	52	5260	0.13	3.58	23.98	0.74	26.99	Pass
HT20	MCS 0	1	60	5300	0.13	3.00	23.98	0.74	26.99	Pass
HT20	MCS 0	1	64	5320	0.13	2.56	23.98	0.74	26.99	Pass
HT40	MCS 0	1	54	5270	0.29	3.96	23.98	0.74	26.99	Pass
HT40	MCS 0	1	62	5310	0.29	3.24	23.98	0.74	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	0.15	-6.48	11.00	0.74		Pass
11a	6M bps	1	60	5300	0.15	-7.36	11.00	0.74		Pass
11a	6M bps	1	64	5320	0.15	-7.75	11.00	0.74		Pass
HT20	MCS 0	1	52	5260	0.13	-6.92	11.00	0.74		Pass
HT20	MCS 0	1	60	5300	0.13	-7.79	11.00	0.74		Pass
HT20	MCS 0	1	64	5320	0.13	-8.25	11.00	0.74		Pass
HT40	MCS 0	1	54	5270	0.29	-9.13	11.00	0.74		Pass
HT40	MCS 0	1	62	5310	0.29	-10.06	11.00	0.74		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	17.05	21.15	23.32	29.32	23.98	
11a	6M bps	1	116	5580	17.15	22.35	23.34	29.34	23.98	
11a	6M bps	1	140	5700	17.35	26.15	23.39	29.39	23.98	
HT20	MCS 0	1	100	5500	18.05	21.10	23.56	29.56	23.98	
HT20	MCS 0	1	116	5580	18.05	21.20	23.56	29.56	23.98	
HT20	MCS 0	1	140	5700	18.10	21.15	23.58	29.58	23.98	
HT40	MCS 0	1	102	5510	36.30	41.04	23.98	30.00	23.98	
HT40	MCS 0	1	110	5550	36.30	40.86	23.98	30.00	23.98	
HT40	MCS 0	1	134	5670	36.40	41.31	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	0.15	5.82	23.98	0.99	26.99	Pass
11a	6M bps	1	116	5580	0.15	1.80	23.98	0.99	26.99	Pass
11a	6M bps	1	140	5700	0.15	0.61	23.98	0.99	26.99	Pass
HT20	MCS 0	1	100	5500	0.13	4.58	23.98	0.99	26.99	Pass
HT20	MCS 0	1	116	5580	0.13	0.65	23.98	0.99	26.99	Pass
HT20	MCS 0	1	140	5700	0.13	-0.62	23.98	0.99	26.99	Pass
HT40	MCS 0	1	102	5510	0.29	4.70	23.98	0.99	26.99	Pass
HT40	MCS 0	1	110	5550	0.29	2.37	23.98	0.99	26.99	Pass
HT40	MCS 0	1	134	5670	0.29	-0.77	23.98	0.99	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	0.15	-4.68	11.00	0.99		Pass
11a	6M bps	1	116	5580	0.15	-8.83	11.00	0.99		Pass
11a	6M bps	1	140	5700	0.15	-11.17	11.00	0.99		Pass
HT20	MCS 0	1	100	5500	0.13	-6.23	11.00	0.99		Pass
HT20	MCS 0	1	116	5580	0.13	-9.89	11.00	0.99		Pass
HT20	MCS 0	1	140	5700	0.13	-11.33	11.00	0.99		Pass
HT40	MCS 0	1	102	5510	0.29	-8.92	11.00	0.99		Pass
HT40	MCS 0	1	110	5550	0.29	-10.62	11.00	0.99		Pass
HT40	MCS 0	1	134	5670	0.29	-13.84	11.00	0.99		Pass

TEST RESULTS DATA
Frequency Stability

Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stability (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	36	5180	5179.975	-0.025	-4.83	50	110	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	-30	110	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	121	
11a	6Mbps	1	36	5180	5179.975	-0.025	-4.83	20	99	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	20	110	

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	5320.050	0.050	9.40	50	110	
11a	6Mbps	1	64	5320	5320.025	0.025	4.70	-30	110	
11a	6Mbps	1	64	5320	5320.050	0.050	9.40	20	121	
11a	6Mbps	1	64	5320	5320.050	0.050	9.40	20	99	
11a	6Mbps	1	64	5320	5320.025	0.025	4.70	20	110	

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	5500.025	0.025	4.55	50	110	
11a	6Mbps	1	100	5500	5500.025	0.025	4.55	-30	110	
11a	6Mbps	1	100	5500	5500.025	0.025	4.55	20	121	
11a	6Mbps	1	100	5500	5499.975	-0.025	-4.55	20	99	
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	20	110	



Appendix B. Radiated Spurious Emission

Test Engineer :	Karl Ho, Nick Yu, and Peter Chiu	Temperature :	22~24°C
		Relative Humidity :	52~55%

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		5133.12	62.31	-11.69	74	50.39	31.63	11.24	30.95	101	354	P	H
		5149.5	48.44	-5.56	54	36.53	31.65	11.21	30.95	101	354	A	H
	*	5182	107.02	-	-	95.11	31.68	11.18	30.95	101	354	P	H
	*	5182	96.04	-	-	84.13	31.68	11.18	30.95	101	354	A	H
													H
													H
		5148.98	58.9	-15.1	74	46.99	31.65	11.21	30.95	391	96	P	V
		5140.14	47.67	-6.33	54	35.76	31.65	11.21	30.95	391	96	A	V
	*	5182	103.87	-	-	91.96	31.68	11.18	30.95	391	96	P	V
	*	5182	92.64	-	-	80.73	31.68	11.18	30.95	391	96	A	V
													V
													V
802.11a CH 44 5220MHz		5068.38	58.93	-15.07	74	47.04	31.57	11.27	30.95	100	3	P	H
		5130.26	47.51	-6.49	54	35.59	31.63	11.24	30.95	100	3	A	H
	*	5222	105.82	-	-	93.79	31.72	11.26	30.95	100	3	P	H
	*	5222	94.38	-	-	82.35	31.72	11.26	30.95	100	3	A	H
		5400.72	59.49	-14.51	74	46.94	31.9	11.6	30.95	100	3	P	H
		5397.36	48.15	-5.85	54	35.6	31.9	11.6	30.95	100	3	A	H
		5030.42	59.07	-14.93	74	47.18	31.53	11.31	30.95	385	99	P	V
		5150	47.4	-6.6	54	35.49	31.65	11.21	30.95	385	99	A	V
	*	5222	103.9	-	-	91.87	31.72	11.26	30.95	385	99	P	V
	*	5222	92.65	-	-	80.62	31.72	11.26	30.95	385	99	A	V
		5400.72	59.35	-14.65	74	46.8	31.9	11.6	30.95	385	99	P	V
		5385.84	48.04	-5.96	54	35.51	31.88	11.6	30.95	385	99	A	V



802.11a CH 48 5240MHz		5077.74	59	-15	74	47.1	31.58	11.27	30.95	100	355	P	H
		5119.6	47.4	-6.6	54	35.49	31.62	11.24	30.95	100	355	A	H
	*	5242	107.74	-	-	95.68	31.75	11.26	30.95	100	355	P	H
	*	5242	95.66	-	-	83.6	31.75	11.26	30.95	100	355	A	H
		5352.96	59.44	-14.56	74	47.02	31.85	11.52	30.95	100	355	P	H
		5350.56	48.07	-5.93	54	35.65	31.85	11.52	30.95	100	355	A	H
		5018.98	58.72	-15.28	74	46.81	31.52	11.34	30.95	380	99	P	V
		5129.74	47.58	-6.42	54	35.66	31.63	11.24	30.95	380	99	A	V
	*	5242	104.82	-	-	92.76	31.75	11.26	30.95	380	99	P	V
	*	5242	92.86	-	-	80.8	31.75	11.26	30.95	380	99	A	V
		5428.32	59.2	-14.8	74	46.59	31.92	11.64	30.95	380	99	P	V
		5389.2	48	-6	54	35.47	31.88	11.6	30.95	380	99	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11a (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	46.89	-27.11	74	47.64	39.59	17.13	57.47	100	0	P	H
		15540	44.48	-29.52	74	43.14	38.26	21.61	58.53	100	0	P	H
													H
													H
		10360	46.11	-27.89	74	46.86	39.59	17.13	57.47	400	0	P	V
		15540	44.32	-29.68	74	42.98	38.26	21.61	58.53	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	45.8	-28.2	74	46.22	39.69	17.22	57.33	100	0	P	H
		15660	44.92	-29.08	74	43.4	38.11	21.7	58.29	100	0	P	H
													H
													H
		10440	46.25	-27.75	74	46.67	39.69	17.22	57.33	100	0	P	V
		15660	44.86	-29.14	74	43.34	38.11	21.7	58.29	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.69	-27.31	74	46.88	39.77	17.27	57.23	100	0	P	H
		15720	45.95	-28.05	74	44.31	38.03	21.76	58.15	100	0	P	H
													H
													H
		10480	46.16	-27.84	74	46.35	39.77	17.27	57.23	100	0	P	V
		15720	46.11	-27.89	74	44.47	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		5147.16	59.88	-14.12	74	47.97	31.65	11.21	30.95	100	354	P	H
		5146.38	48.22	-5.78	54	36.31	31.65	11.21	30.95	100	354	A	H
	*	5182	106.12	-	-	94.21	31.68	11.18	30.95	100	354	P	H
	*	5182	95.26	-	-	83.35	31.68	11.18	30.95	100	354	A	H
													H
													H
		5024.7	58.51	-15.49	74	46.62	31.53	11.31	30.95	391	87	P	V
		5140.92	47.69	-6.31	54	35.78	31.65	11.21	30.95	391	87	A	V
	*	5182	103.1	-	-	91.19	31.68	11.18	30.95	391	87	P	V
	*	5182	92.24	-	-	80.33	31.68	11.18	30.95	391	87	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5072.8	58.62	-15.38	74	46.72	31.58	11.27	30.95	100	355	P	H
		5110.24	47.49	-6.51	54	35.58	31.62	11.24	30.95	100	355	A	H
	*	5222	106.83	-	-	94.8	31.72	11.26	30.95	100	355	P	H
	*	5222	95.55	-	-	83.52	31.72	11.26	30.95	100	355	A	H
		5360.88	58.92	-15.08	74	46.48	31.87	11.52	30.95	100	355	P	H
		5366.16	48.12	-5.88	54	35.68	31.87	11.52	30.95	100	355	A	H
		5068.12	58.61	-15.39	74	46.72	31.57	11.27	30.95	386	99	P	V
		5087.62	47.37	-6.63	54	35.47	31.58	11.27	30.95	386	99	A	V
	*	5222	103.34	-	-	91.31	31.72	11.26	30.95	386	99	P	V
	*	5222	92.06	-	-	80.03	31.72	11.26	30.95	386	99	A	V
		5443.92	59.08	-14.92	74	46.46	31.93	11.64	30.95	386	99	P	V
		5422.08	48.06	-5.94	54	35.45	31.92	11.64	30.95	386	99	A	V



802.11n HT20 CH 48 5240MHz		5144.04	58.46	-15.54	74	46.55	31.65	11.21	30.95	101	356	P	H
		5144.82	47.58	-6.42	54	35.67	31.65	11.21	30.95	101	356	A	H
	*	5242	105.98	-	-	93.92	31.75	11.26	30.95	101	356	P	H
	*	5242	94.83	-	-	82.77	31.75	11.26	30.95	101	356	A	H
		5353.2	60.92	-13.08	74	48.5	31.85	11.52	30.95	101	356	P	H
		5408.4	48.24	-5.76	54	35.69	31.9	11.6	30.95	101	356	A	H
		5101.66	58.69	-15.31	74	46.8	31.6	11.24	30.95	382	99	P	V
		5126.36	47.49	-6.51	54	35.57	31.63	11.24	30.95	382	99	A	V
	*	5242	103.23	-	-	91.17	31.75	11.26	30.95	382	99	P	V
	*	5242	92.15	-	-	80.09	31.75	11.26	30.95	382	99	A	V
		5355.6	59.47	-14.53	74	47.05	31.85	11.52	30.95	382	99	P	V
		5409.36	48.29	-5.71	54	35.74	31.9	11.6	30.95	382	99	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11n 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	46.68	-27.32	74	47.43	39.59	17.13	57.47	100	0	P	H
		15540	45.13	-28.87	74	43.79	38.26	21.61	58.53	100	0	P	H
													H
													H
		10360	46.58	-27.42	74	47.33	39.59	17.13	57.47	100	0	P	V
		15540	44.46	-29.54	74	43.12	38.26	21.61	58.53	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	46.09	-27.91	74	46.51	39.69	17.22	57.33	100	0	P	H
		15660	45.36	-28.64	74	43.84	38.11	21.7	58.29	100	0	P	H
													H
													H
		10440	46.11	-27.89	74	46.53	39.69	17.22	57.33	100	0	P	V
		15660	44.77	-29.23	74	43.25	38.11	21.7	58.29	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	46.13	-27.87	74	46.32	39.77	17.27	57.23	100	0	P	H
		15720	46.5	-27.5	74	44.86	38.03	21.76	58.15	100	0	P	H
													H
													H
		10480	46.32	-27.68	74	46.51	39.77	17.27	57.23	100	0	P	V
		15720	45.68	-28.32	74	44.04	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 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	62.34	-11.66	74	50.43	31.65	11.21	30.95	100	354	P	H
		5150	50.84	-3.16	54	38.93	31.65	11.21	30.95	100	354	A	H
	*	5192	103.94	-	-	92.01	31.7	11.18	30.95	100	354	P	H
	*	5192	93.35	-	-	81.42	31.7	11.18	30.95	100	354	A	H
		5418.48	60.03	-13.97	74	47.46	31.92	11.6	30.95	100	354	P	H
		5451.84	48.96	-5.04	54	36.32	31.95	11.64	30.95	100	354	A	H
		5149.5	59.3	-14.7	74	47.39	31.65	11.21	30.95	366	87	P	V
		5149.5	49.11	-4.89	54	37.2	31.65	11.21	30.95	366	87	A	V
	*	5192	100.41	-	-	88.48	31.7	11.18	30.95	366	87	P	V
	*	5192	90.24	-	-	78.31	31.7	11.18	30.95	366	87	A	V
		5446.56	59.85	-14.15	74	47.21	31.95	11.64	30.95	366	87	P	V
		5382.24	48.89	-5.11	54	36.36	31.88	11.6	30.95	366	87	A	V
802.11n HT40 CH 46 5230MHz		5022.62	59.12	-14.88	74	47.23	31.53	11.31	30.95	100	355	P	H
		5138.58	48.42	-5.58	54	36.5	31.63	11.24	30.95	100	355	A	H
	*	5232	103.3	-	-	91.26	31.73	11.26	30.95	100	355	P	H
	*	5232	93.25	-	-	81.21	31.73	11.26	30.95	100	355	A	H
		5388.72	59.2	-14.8	74	46.67	31.88	11.6	30.95	100	355	P	H
		5391.84	49.09	-4.91	54	36.56	31.88	11.6	30.95	100	355	A	H
		5027.3	58.66	-15.34	74	46.77	31.53	11.31	30.95	384	100	P	V
		5016.12	48.03	-5.97	54	36.12	31.52	11.34	30.95	384	100	A	V
	*	5230	100.76	-	-	88.72	31.73	11.26	30.95	384	100	P	V
	*	5230	90.33	-	-	78.29	31.73	11.26	30.95	384	100	A	V
		5403.36	59.15	-14.85	74	46.6	31.9	11.6	30.95	384	100	P	V
		5447.52	48.88	-5.12	54	36.24	31.95	11.64	30.95	384	100	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	45.95	-28.05	74	46.64	39.61	17.13	57.43	100	0	P	H
		15570	44.61	-29.39	74	43.21	38.22	21.64	58.46	100	0	P	H
													H
													H
		10380	45.91	-28.09	74	46.6	39.61	17.13	57.43	100	0	P	V
		15570	44.7	-29.3	74	43.3	38.22	21.64	58.46	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	46.37	-27.63	74	46.73	39.72	17.22	57.3	100	0	P	H
		15690	46.14	-27.86	74	44.56	38.07	21.73	58.22	100	0	P	H
													H
													H
		10460	46.42	-27.58	74	46.78	39.72	17.22	57.3	100	0	P	V
		15690	45.54	-28.46	74	43.96	38.07	21.73	58.22	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5094.12	58.85	-15.15	74	46.93	31.6	11.27	30.95	100	3	P	H
		5053.3	47.5	-6.5	54	35.59	31.55	11.31	30.95	100	3	A	H
	*	5262	106.05	-	-	93.88	31.77	11.35	30.95	100	3	P	H
	*	5262	95.48	-	-	83.31	31.77	11.35	30.95	100	3	A	H
		5416.32	60.25	-13.75	74	47.68	31.92	11.6	30.95	100	3	P	H
		5368.56	48.24	-5.76	54	35.8	31.87	11.52	30.95	100	3	A	H
		5034.84	58.7	-15.3	74	46.81	31.53	11.31	30.95	399	88	P	V
		5138.84	47.45	-6.55	54	35.53	31.63	11.24	30.95	399	88	A	V
	*	5262	102.85	-	-	90.68	31.77	11.35	30.95	399	88	P	V
	*	5262	92.37	-	-	80.2	31.77	11.35	30.95	399	88	A	V
		5384.4	59.55	-14.45	74	47.02	31.88	11.6	30.95	399	88	P	V
		5424.24	48.18	-5.82	54	35.57	31.92	11.64	30.95	399	88	A	V
802.11a CH 60 5300MHz		5071.5	58.54	-15.46	74	46.64	31.58	11.27	30.95	107	3	P	H
		5124.8	47.47	-6.53	54	35.55	31.63	11.24	30.95	107	3	A	H
	*	5302	107.59	-	-	95.31	31.8	11.43	30.95	107	3	P	H
	*	5302	96.09	-	-	83.81	31.8	11.43	30.95	107	3	A	H
		5382.24	59.89	-14.11	74	47.36	31.88	11.6	30.95	107	3	P	H
		5352.96	48.7	-5.3	54	36.28	31.85	11.52	30.95	107	3	A	H
		5024.44	59.28	-14.72	74	47.39	31.53	11.31	30.95	395	100	P	V
		5146.64	47.47	-6.53	54	35.56	31.65	11.21	30.95	395	100	A	V
	*	5302	104.56	-	-	92.28	31.8	11.43	30.95	395	100	P	V
	*	5302	93.01	-	-	80.73	31.8	11.43	30.95	395	100	A	V
		5412	60.15	-13.85	74	47.58	31.92	11.6	30.95	395	100	P	V
		5442	48.17	-5.83	54	35.55	31.93	11.64	30.95	395	100	A	V



802.11a CH 64 5320MHz	*	5320	108.19	-	-	95.89	31.82	11.43	30.95	100	3	P	H
	*	5320	96.25	-	-	83.95	31.82	11.43	30.95	100	3	A	H
		5367.84	60.62	-13.38	74	48.18	31.87	11.52	30.95	100	3	P	H
		5350.24	49.25	-4.75	54	36.83	31.85	11.52	30.95	100	3	A	H
													H
													H
	*	5320	105.11	-	-	92.81	31.82	11.43	30.95	389	100	P	V
	*	5320	93.63	-	-	81.33	31.82	11.43	30.95	389	100	A	V
		5357.28	61.79	-12.21	74	49.37	31.85	11.52	30.95	389	100	P	V
		5359.84	48.68	-5.32	54	36.26	31.85	11.52	30.95	389	100	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	46.79	-27.21	74	46.86	39.82	17.31	57.2	100	0	P	H
		15780	44.47	-29.53	74	42.76	37.97	21.79	58.05	100	0	P	H
													H
													H
		10520	46.86	-27.14	74	46.93	39.82	17.31	57.2	100	0	P	V
		15780	44.38	-29.62	74	42.67	37.97	21.79	58.05	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	46.14	-27.86	74	46	39.92	17.4	57.18	100	0	P	H
		15900	45.29	-28.71	74	43.4	37.82	21.88	57.81	100	0	P	H
													H
													H
		10600	46.39	-27.61	74	46.25	39.92	17.4	57.18	100	0	P	V
		15900	44.38	-29.62	74	42.49	37.82	21.88	57.81	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	46.79	-27.21	74	46.54	39.97	17.45	57.17	100	0	P	H
		15960	43.94	-30.06	74	41.93	37.74	21.94	57.67	100	0	P	H
													H
													H
		10640	46.87	-27.13	74	46.62	39.97	17.45	57.17	100	0	P	V
		15960	43.36	-30.64	74	41.35	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		5102.18	59.01	-14.99	74	47.12	31.6	11.24	30.95	100	4	P	H
		5142.22	47.43	-6.57	54	35.52	31.65	11.21	30.95	100	4	A	H
	*	5260	105.95	-	-	93.87	31.77	11.26	30.95	100	4	P	H
	*	5260	94.87	-	-	82.79	31.77	11.26	30.95	100	4	A	H
		5428.8	59.48	-14.52	74	46.86	31.93	11.64	30.95	100	4	P	H
		5374.08	48.36	-5.64	54	35.92	31.87	11.52	30.95	100	4	A	H
		5103.74	58.71	-15.29	74	46.82	31.6	11.24	30.95	400	108	P	V
		5144.3	47.43	-6.57	54	35.52	31.65	11.21	30.95	400	108	A	V
	*	5260	102.63	-	-	90.55	31.77	11.26	30.95	400	108	P	V
	*	5260	90.72	-	-	78.64	31.77	11.26	30.95	400	108	A	V
		5417.52	59.68	-14.32	74	47.11	31.92	11.6	30.95	400	108	P	V
		5381.76	48.19	-5.81	54	35.66	31.88	11.6	30.95	400	108	A	V
802.11n HT20 CH 60 5300MHz		5122.98	58.59	-15.41	74	46.67	31.63	11.24	30.95	110	3	P	H
		5085.54	47.3	-6.7	54	35.4	31.58	11.27	30.95	110	3	A	H
	*	5302	106.05	-	-	93.77	31.8	11.43	30.95	110	3	P	H
	*	5302	94.62	-	-	82.34	31.8	11.43	30.95	110	3	A	H
		5436.96	59.57	-14.43	74	46.95	31.93	11.64	30.95	110	3	P	H
		5350.08	48.59	-5.41	54	36.17	31.85	11.52	30.95	110	3	A	H
		5058.5	58.84	-15.16	74	46.91	31.57	11.31	30.95	393	101	P	V
		5119.34	47.42	-6.58	54	35.51	31.62	11.24	30.95	393	101	A	V
	*	5302	103.03	-	-	90.75	31.8	11.43	30.95	393	101	P	V
	*	5302	91.86	-	-	79.58	31.8	11.43	30.95	393	101	A	V
		5409.12	58.99	-15.01	74	46.44	31.9	11.6	30.95	393	101	P	V
		5387.28	48.18	-5.82	54	35.65	31.88	11.6	30.95	393	101	A	V



802.11n HT20 CH 64 5320MHz	*	5320	105.55	-	-	93.25	31.82	11.43	30.95	100	4	P	H
	*	5320	94.8	-	-	82.5	31.82	11.43	30.95	100	4	A	H
		5350.56	60.45	-13.55	74	48.03	31.85	11.52	30.95	100	4	P	H
		5351.2	49.03	-4.97	54	36.61	31.85	11.52	30.95	100	4	A	H
													H
													H
	*	5320	104.02	-	-	91.72	31.82	11.43	30.95	394	100	P	V
	*	5320	92.28	-	-	79.98	31.82	11.43	30.95	394	100	A	V
		5400.16	59.59	-14.41	74	47.04	31.9	11.6	30.95	394	100	P	V
		5435.04	48.34	-5.66	54	35.72	31.93	11.64	30.95	394	100	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	47.46	-26.54	74	47.53	39.82	17.31	57.2	100	0	P	H
		15780	45.08	-28.92	74	43.37	37.97	21.79	58.05	100	0	P	H
													H
													H
		10520	46.42	-27.58	74	46.49	39.82	17.31	57.2	100	0	P	V
		15780	44.03	-29.97	74	42.32	37.97	21.79	58.05	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	47.18	-26.82	74	47.04	39.92	17.4	57.18	100	0	P	H
		15900	45.36	-28.64	74	43.47	37.82	21.88	57.81	100	0	P	H
													H
													H
		10600	46.8	-27.2	74	46.66	39.92	17.4	57.18	100	0	P	V
		15900	44.2	-29.8	74	42.31	37.82	21.88	57.81	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	46.33	-27.67	74	46.08	39.97	17.45	57.17	100	0	P	H
		15960	44.02	-29.98	74	42.01	37.74	21.94	57.67	100	0	P	H
													H
													H
		10640	46.45	-27.55	74	46.2	39.97	17.45	57.17	100	0	P	V
		15960	45.29	-28.71	74	43.28	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 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		5141.44	58.95	-15.05	74	47.04	31.65	11.21	30.95	100	3	P	H
		5149.76	48.13	-5.87	54	36.22	31.65	11.21	30.95	100	3	A	H
	*	5272	103.4	-	-	91.23	31.77	11.35	30.95	100	3	P	H
	*	5272	93.31	-	-	81.14	31.77	11.35	30.95	100	3	A	H
		5388.24	59.72	-14.28	74	47.19	31.88	11.6	30.95	100	3	P	H
		5354.4	49.51	-4.49	54	37.09	31.85	11.52	30.95	100	3	A	H
		5079.3	59.21	-14.79	74	47.31	31.58	11.27	30.95	400	100	P	V
		5129.22	48.13	-5.87	54	36.21	31.63	11.24	30.95	400	100	A	V
	*	5272	100.88	-	-	88.71	31.77	11.35	30.95	400	100	P	V
	*	5272	90.31	-	-	78.14	31.77	11.35	30.95	400	100	A	V
		5390.4	59.47	-14.53	74	46.94	31.88	11.6	30.95	400	100	P	V
		5386.32	48.92	-5.08	54	36.39	31.88	11.6	30.95	400	100	A	V
802.11n HT40 CH 62 5310MHz		5118.3	59.42	-14.58	74	47.51	31.62	11.24	30.95	100	4	P	H
		5133.64	48.17	-5.83	54	36.25	31.63	11.24	30.95	100	4	A	H
	*	5308	103.53	-	-	91.25	31.8	11.43	30.95	100	4	P	H
	*	5308	93.31	-	-	81.03	31.8	11.43	30.95	100	4	A	H
		5418.96	61.19	-12.81	74	48.62	31.92	11.6	30.95	100	4	P	H
		5350.32	50.35	-3.65	54	37.93	31.85	11.52	30.95	100	4	A	H
		5102.44	58.72	-15.28	74	46.83	31.6	11.24	30.95	393	100	P	V
		5000	48.31	-5.69	54	36.42	31.5	11.34	30.95	393	100	A	V
	*	5308	100.87	-	-	88.59	31.8	11.43	30.95	393	100	P	V
	*	5308	90.83	-	-	78.55	31.8	11.43	30.95	393	100	A	V
		5376.72	59.39	-14.61	74	46.95	31.87	11.52	30.95	393	100	P	V
		5350.8	49.15	-4.85	54	36.73	31.85	11.52	30.95	393	100	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	47.72	-26.28	74	47.76	39.84	17.31	57.19	100	0	P	H
		15810	44.94	-29.06	74	43.17	37.93	21.82	57.98	100	0	P	H
													H
													H
		10540	47.24	-26.76	74	47.28	39.84	17.31	57.19	100	0	P	V
		15810	44.02	-29.98	74	42.25	37.93	21.82	57.98	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	45.6	-28.4	74	45.44	39.94	17.4	57.18	100	0	P	H
		15930	45.06	-28.94	74	43.11	37.78	21.91	57.74	100	0	P	H
													H
													H
		10620	46.21	-27.79	74	46.05	39.94	17.4	57.18	100	0	P	V
		15930	43.99	-30.01	74	42.04	37.78	21.91	57.74	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5459.6	64.19	-9.81	74	51.55	31.95	11.64	30.95	100	16	P	H
		5469.68	50.69	-3.31	54	38	31.97	11.67	30.95	100	16	A	H
	*	5506	105.52	-	-	92.78	32	11.7	30.96	100	16	P	H
	*	5506	96.09	-	-	83.35	32	11.7	30.96	100	16	A	H
													H
													H
		5467.12	63.51	-10.49	74	50.82	31.97	11.67	30.95	388	107	P	V
		5468.88	49.8	-4.2	54	37.11	31.97	11.67	30.95	388	107	A	V
	*	5500	103	-	-	90.28	32	11.67	30.95	388	107	P	V
	*	5500	93.88	-	-	81.16	32	11.67	30.95	388	107	A	V
													V
													V
802.11a CH 116 5580MHz		5443.12	59.33	-14.67	74	46.71	31.93	11.64	30.95	100	5	P	H
		5465.92	48.34	-5.66	54	35.65	31.97	11.67	30.95	100	5	A	H
	*	5580	108.4	-	-	95.54	32.1	11.74	30.98	100	5	P	H
	*	5580	97.03	-	-	84.17	32.1	11.74	30.98	100	5	A	H
		5758.35	59.69	-14.31	74	46.51	32.36	11.86	31.04	100	5	P	H
		5734.55	48.57	-5.43	54	35.42	32.34	11.84	31.03	100	5	A	H
		5444.32	59.7	-14.3	74	47.08	31.93	11.64	30.95	375	108	P	V
		5464.24	48.25	-5.75	54	35.56	31.97	11.67	30.95	375	108	A	V
	*	5580	105.49	-	-	92.63	32.1	11.74	30.98	375	108	P	V
	*	5580	95.14	-	-	82.28	32.1	11.74	30.98	375	108	A	V
		5761.325	60.04	-13.96	74	46.86	32.36	11.86	31.04	375	108	P	V
		5755.9	48.66	-5.34	54	35.48	32.36	11.86	31.04	375	108	A	V



802.11a CH 140 5700MHz	*	5700	107.88	-	-	94.8	32.27	11.82	31.01	100	18	P	H
	*	5700	96.22	-	-	83.14	32.27	11.82	31.01	100	18	A	H
		5725.24	67.02	-6.98	74	53.89	32.31	11.84	31.02	100	18	P	H
		5725	52.1	-1.9	54	38.97	32.31	11.84	31.02	100	18	A	H
													H
													H
	*	5698	105.85	-	-	92.77	32.27	11.82	31.01	399	106	P	V
	*	5698	94.88	-	-	81.8	32.27	11.82	31.01	399	106	A	V
		5725.8	63.78	-10.22	74	50.65	32.31	11.84	31.02	399	106	P	V
		5725.4	51.8	-2.2	54	38.67	32.31	11.84	31.02	399	106	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.89	-26.11	74	46.73	40.4	17.86	57.1	100	0	P	H
		16500	46.35	-27.65	74	40.63	39.3	22.42	56	100	0	P	H
													H
													H
		11000	47.44	-26.56	74	46.28	40.4	17.86	57.1	100	0	P	V
		16500	45.54	-28.46	74	39.82	39.3	22.42	56	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.23	-27.77	74	45.22	40.3	18.04	57.33	100	0	P	H
		16740	47.24	-26.76	74	40.66	40.07	22.65	56.14	100	0	P	H
													H
													H
		11160	47.7	-26.3	74	46.69	40.3	18.04	57.33	100	0	P	V
		16740	47.41	-26.59	74	40.83	40.07	22.65	56.14	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	45.73	-28.27	74	44.92	40.16	18.31	57.66	100	0	P	H
		17100	48.43	-25.57	74	40.88	41.22	22.99	56.66	100	0	P	H
													H
													H
		11400	46.19	-27.81	74	45.38	40.16	18.31	57.66	100	0	P	V
		17100	49.14	-24.86	74	41.59	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		5465.04	63.69	-10.31	74	51	31.97	11.67	30.95	100	5	P	H
		5465.36	51.39	-2.61	54	38.7	31.97	11.67	30.95	100	5	A	H
	*	5500	106.33	-	-	93.61	32	11.67	30.95	100	5	P	H
	*	5500	95.07	-	-	82.35	32	11.67	30.95	100	5	A	H
													H
													H
		5467.92	62.46	-11.54	74	49.77	31.97	11.67	30.95	387	107	P	V
		5464.88	51.21	-2.79	54	38.52	31.97	11.67	30.95	387	107	A	V
	*	5506	104.11	-	-	91.37	32	11.7	30.96	387	107	P	V
	*	5506	92.85	-	-	80.11	32	11.7	30.96	387	107	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5363.2	62.39	-11.61	74	49.95	31.87	11.52	30.95	100	6	P	H
		5454.64	51.03	-2.97	54	38.39	31.95	11.64	30.95	100	6	A	H
	*	5578	107.14	-	-	94.28	32.1	11.74	30.98	100	6	P	H
	*	5578	95.65	-	-	82.79	32.1	11.74	30.98	100	6	A	H
		5753.8	62.93	-11.07	74	49.74	32.36	11.86	31.03	100	6	P	H
		5728.6	51.4	-2.6	54	38.27	32.31	11.84	31.02	100	6	A	H
		5351.68	62.11	-11.89	74	49.69	31.85	11.52	30.95	395	106	P	V
		5413.6	50.96	-3.04	54	38.39	31.92	11.6	30.95	395	106	A	V
	*	5580	105.25	-	-	92.39	32.1	11.74	30.98	395	106	P	V
	*	5580	93.62	-	-	80.76	32.1	11.74	30.98	395	106	A	V
		5764.3	62.56	-11.44	74	49.38	32.36	11.86	31.04	395	106	P	V
		5750.125	51.36	-2.64	54	38.19	32.34	11.86	31.03	395	106	A	V



802.11n HT20 CH 140 5700MHz	*	5700	106.07	-	-	92.99	32.27	11.82	31.01	100	5	P	H
	*	5700	94.53	-	-	81.45	32.27	11.82	31.01	100	5	A	H
		5727.16	66.4	-7.6	74	53.27	32.31	11.84	31.02	100	5	P	H
		5739.72	51.89	-2.11	54	38.74	32.34	11.84	31.03	100	5	A	H
													H
													H
	*	5700	105.52	-	-	92.44	32.27	11.82	31.01	399	106	P	V
	*	5700	93.83	-	-	80.75	32.27	11.82	31.01	399	106	A	V
		5725.88	64.59	-9.41	74	51.46	32.31	11.84	31.02	399	106	P	V
		5733.96	51.68	-2.32	54	38.56	32.31	11.84	31.03	399	106	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	46.96	-27.04	74	45.8	40.4	17.86	57.1	100	0	P	H
		16500	45.78	-28.22	74	40.06	39.3	22.42	56	100	0	P	H
													H
													H
		11000	47.44	-26.56	74	46.28	40.4	17.86	57.1	100	0	P	V
		16500	45.44	-28.56	74	39.72	39.3	22.42	56	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	46.21	-27.79	74	45.2	40.3	18.04	57.33	100	0	P	H
		16740	47.71	-26.29	74	41.13	40.07	22.65	56.14	100	0	P	H
													H
													H
		11160	46.97	-27.03	74	45.96	40.3	18.04	57.33	100	0	P	V
		16740	45.29	-28.71	74	38.71	40.07	22.65	56.14	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	46.37	-27.63	74	45.56	40.16	18.31	57.66	100	0	P	H
		17100	48.52	-25.48	74	40.97	41.22	22.99	56.66	100	0	P	H
													H
													H
		11400	46.27	-27.73	74	45.46	40.16	18.31	57.66	100	0	P	V
		17100	47.5	-26.5	74	39.95	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 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		5463.76	61.75	-12.25	74	49.06	31.97	11.67	30.95	100	18	P	H
		5466.64	50.06	-3.94	54	37.37	31.97	11.67	30.95	100	18	A	H
	*	5512	102.77	-	-	90.03	32	11.7	30.96	100	18	P	H
	*	5512	92.53	-	-	79.79	32	11.7	30.96	100	18	A	H
		5757.475	60.1	-13.9	74	46.92	32.36	11.86	31.04	100	18	P	H
		5754.675	49.29	-4.71	54	36.1	32.36	11.86	31.03	100	18	A	H
		5468.8	61.42	-12.58	74	48.73	31.97	11.67	30.95	385	107	P	V
		5467.84	49.36	-4.64	54	36.67	31.97	11.67	30.95	385	107	A	V
	*	5510	101.76	-	-	89.02	32	11.7	30.96	385	107	P	V
	*	5510	90.97	-	-	78.23	32	11.7	30.96	385	107	A	V
		5733.5	60.08	-13.92	74	46.96	32.31	11.84	31.03	385	107	P	V
		5759.575	49.27	-4.73	54	36.09	32.36	11.86	31.04	385	107	A	V
802.11n HT40 CH 110 5550MHz		5465.68	59.47	-14.53	74	46.78	31.97	11.67	30.95	100	4	P	H
		5465.68	49.48	-4.52	54	36.79	31.97	11.67	30.95	100	4	A	H
	*	5548	103.64	-	-	90.8	32.07	11.74	30.97	100	4	P	H
	*	5548	93.05	-	-	80.21	32.07	11.74	30.97	100	4	A	H
		5757.65	59.53	-14.47	74	46.35	32.36	11.86	31.04	100	4	P	H
		5760.1	49.35	-4.65	54	36.17	32.36	11.86	31.04	100	4	A	H
		5454.88	59.45	-14.55	74	46.81	31.95	11.64	30.95	400	108	P	V
		5469.52	49.11	-4.89	54	36.42	31.97	11.67	30.95	400	108	A	V
	*	5550	101.63	-	-	88.79	32.07	11.74	30.97	400	108	P	V
	*	5550	91.31	-	-	78.47	32.07	11.74	30.97	400	108	A	V
		5745.575	60.07	-13.93	74	46.9	32.34	11.86	31.03	400	108	P	V
		5761.15	49.22	-4.78	54	36.04	32.36	11.86	31.04	400	108	A	V



802.11n HT40 CH 134 5670MHz		5384.32	59.93	-14.07	74	47.4	31.88	11.6	30.95	100	5	P	H
		5440.24	48.87	-5.13	54	36.25	31.93	11.64	30.95	100	5	A	H
	*	5670	103.64	-	-	90.59	32.24	11.82	31.01	100	5	P	H
	*	5670	93.44	-	-	80.39	32.24	11.82	31.01	100	5	A	H
		5737.175	61.11	-12.89	74	47.96	32.34	11.84	31.03	100	5	P	H
		5762.025	49.61	-4.39	54	36.43	32.36	11.86	31.04	100	5	A	H
		5463.76	59.83	-14.17	74	47.14	31.97	11.67	30.95	382	107	P	V
		5438.32	49.01	-4.99	54	36.39	31.93	11.64	30.95	382	107	A	V
	*	5668	101.59	-	-	88.54	32.24	11.82	31.01	382	107	P	V
	*	5668	91.69	-	-	78.64	32.24	11.82	31.01	382	107	A	V
		5741.375	60.09	-13.91	74	46.92	32.34	11.86	31.03	382	107	P	V
		5731.05	49.57	-4.43	54	36.45	32.31	11.84	31.03	382	107	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	46.84	-27.16	74	45.71	40.39	17.86	57.12	100	0	P	H
		16530	45.89	-28.11	74	40.04	39.41	22.46	56.02	100	0	P	H
													H
													H
		11020	46.6	-27.4	74	45.47	40.39	17.86	57.12	100	0	P	V
		16530	46.38	-27.62	74	40.53	39.41	22.46	56.02	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	45.94	-28.06	74	44.89	40.34	17.95	57.24	100	0	P	H
		16650	45.92	-28.08	74	39.64	39.8	22.57	56.09	100	0	P	H
													H
													H
		11100	46.46	-27.54	74	45.41	40.34	17.95	57.24	100	0	P	V
		16650	46.49	-27.51	74	40.21	39.8	22.57	56.09	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	46.67	-27.33	74	45.82	40.2	18.22	57.57	100	0	P	H
		17010	48.86	-25.14	74	41.36	40.95	22.91	56.36	100	0	P	H
													H
													H
		11340	46.89	-27.11	74	46.04	40.2	18.22	57.57	100	0	P	V
		17010	47.49	-26.51	74	39.99	40.95	22.91	56.36	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a LF		94.8	26.51	-16.99	43.5	42.48	15.4	1.06	32.43			P	H
		200.1	25.46	-18.04	43.5	40.37	15.8	1.7	32.41			P	H
		285.96	32.89	-13.11	46	43.68	19.22	2.25	32.26			P	H
		303.5	35.45	-10.55	46	45.72	19.62	2.34	32.23	100	23	P	H
		600.3	27.14	-18.86	46	30.64	25.4	3.5	32.4			P	H
		986.7	30.94	-23.06	54	27.96	29.86	3.92	30.8			P	H
													H
													H
													H
													H
													H
													H
		38.37	24.66	-15.34	40	35.48	20.86	0.78	32.46			P	V
		94.8	22.13	-21.37	43.5	38.1	15.4	1.06	32.43			P	V
		288.93	28.11	-17.89	46	38.83	19.28	2.25	32.25			P	V
		315.4	26.44	-19.56	46	36.39	19.96	2.34	32.25			P	V
		769.7	27.9	-18.1	46	28.51	27.68	3.97	32.26			P	V
		939.8	31.03	-14.97	46	27.62	30.03	4.6	31.22	100	158	P	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

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

1. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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



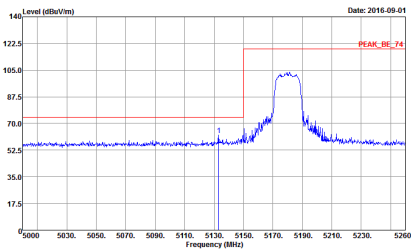
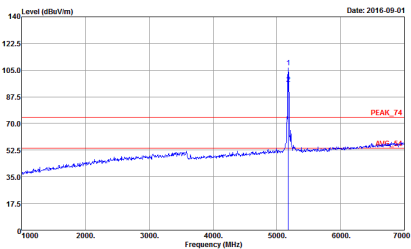
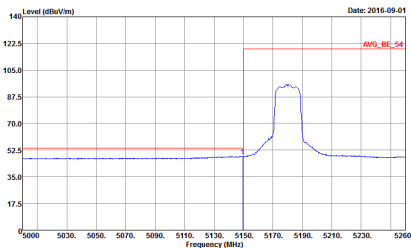
Appendix C. Radiated Spurious Emission

Note symbol

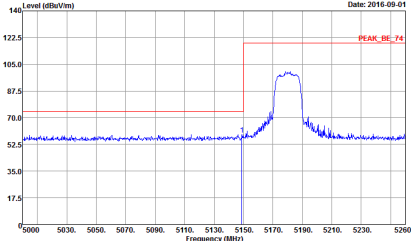
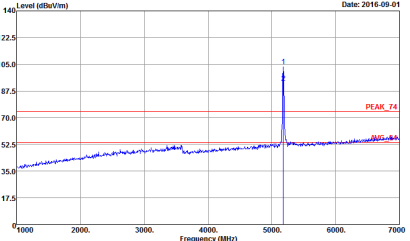
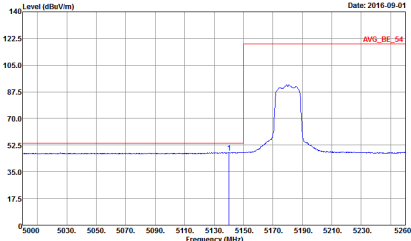
-L	Low channel location
-R	High channel location



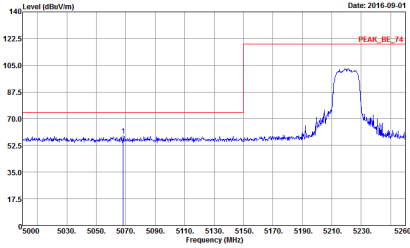
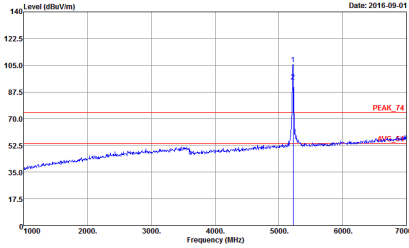
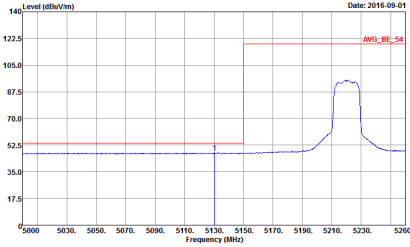
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

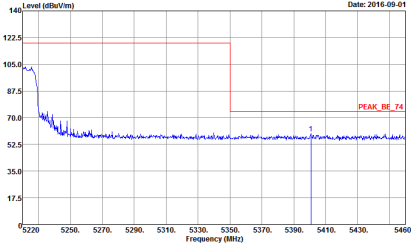
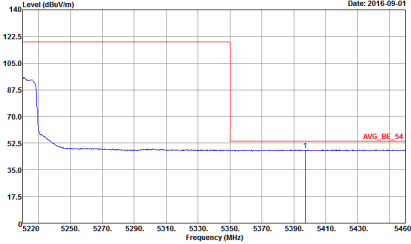


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 1	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 1
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 1	Left blank

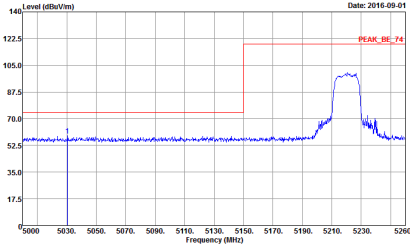
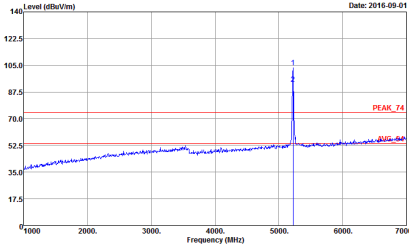
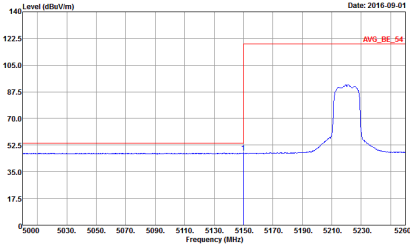


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 2	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 2
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 2	Left blank

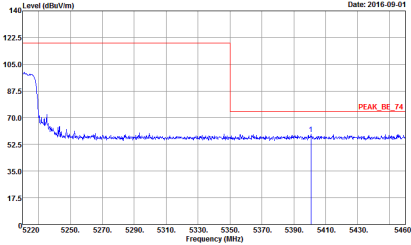
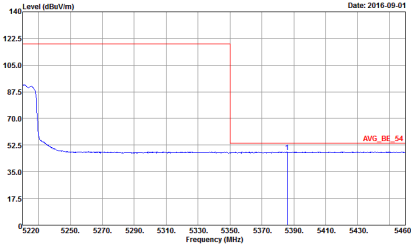


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 2	Left blank
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 2	Left blank

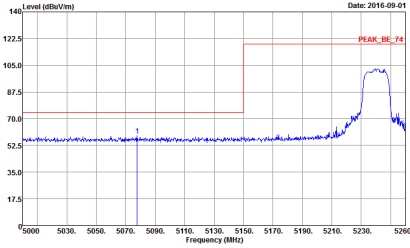
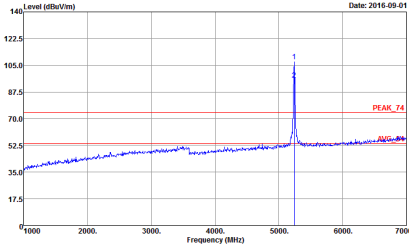
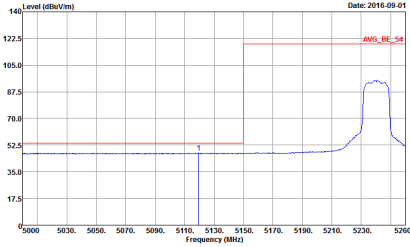


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 2	 Level (dBuV/m) Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 2
Avg.	 Level (dBuV/m) Frequency (MHz) Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 2	Left blank

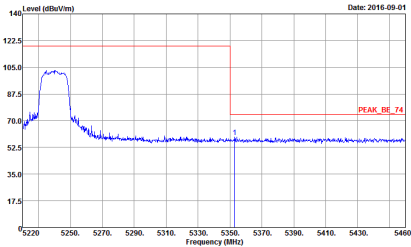
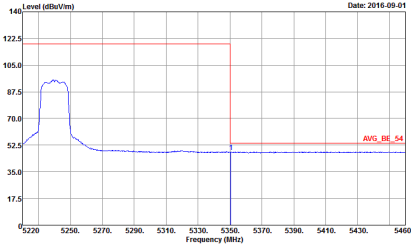


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 2	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 2	Left blank

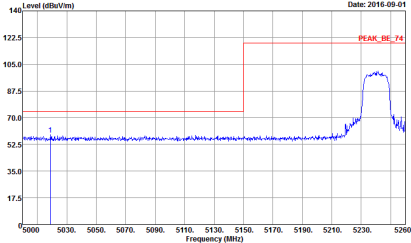
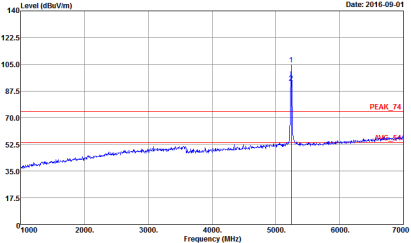
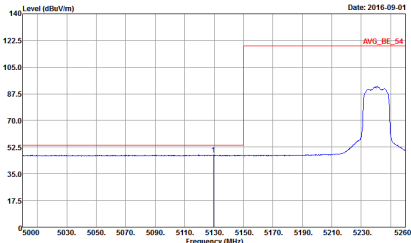


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 3	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 3
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 3	Left blank

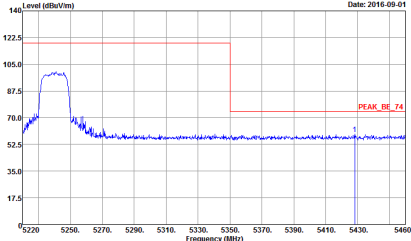
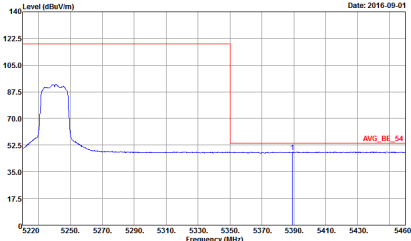


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 3	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 3	Left blank



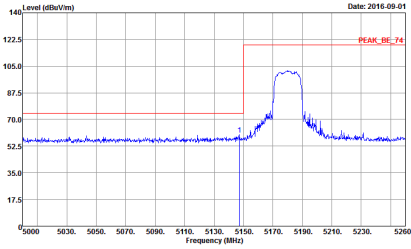
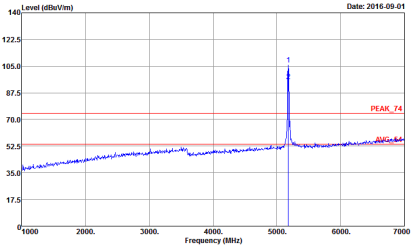
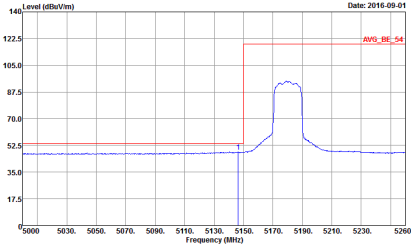
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 3	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 3
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 3	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 3	Left blank
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Mode : Peak : 680937 : 3	Left blank



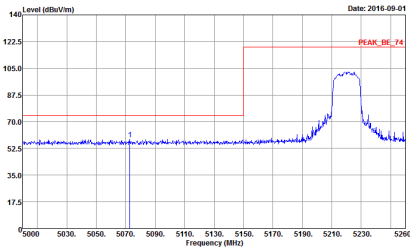
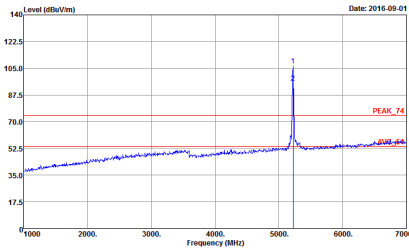
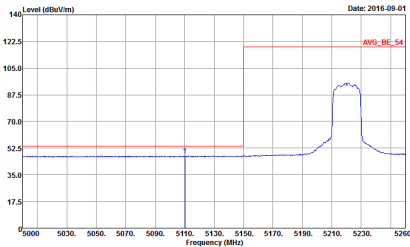
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 4	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 4
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 4	Left blank

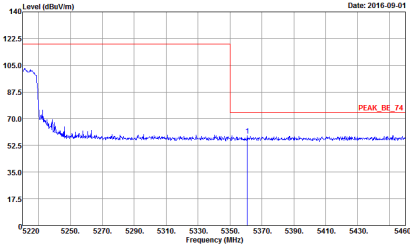
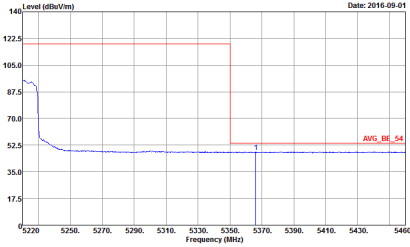


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 4	Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 4
Avg.	Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 4	Left blank

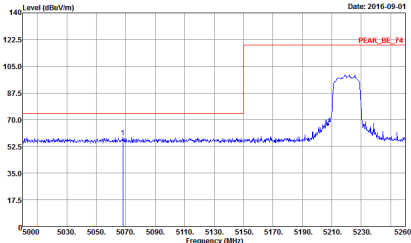
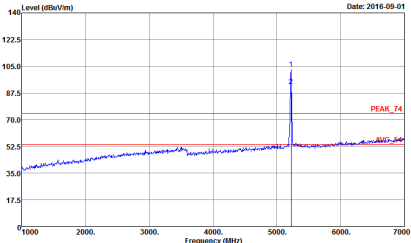
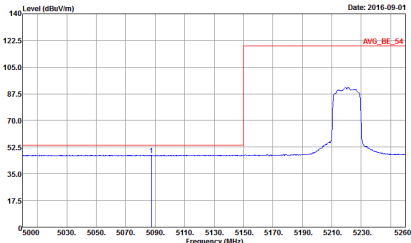


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 5	Left blank

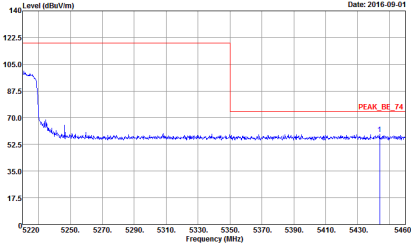
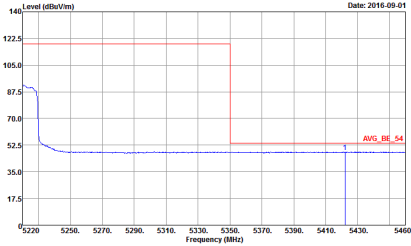


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 5	Left blank

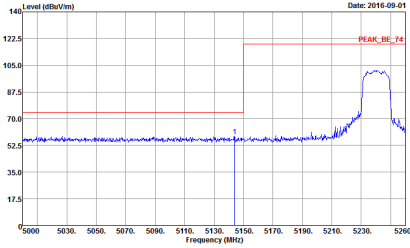
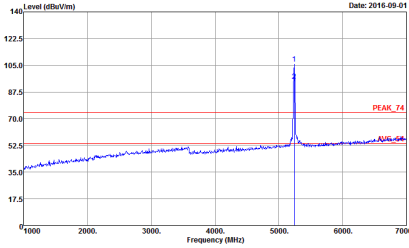
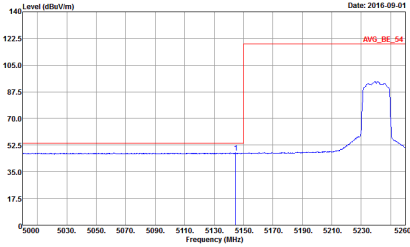


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

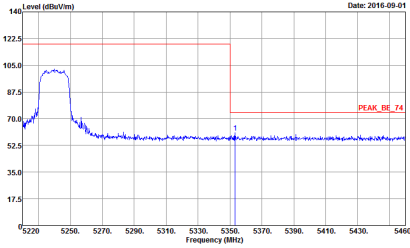
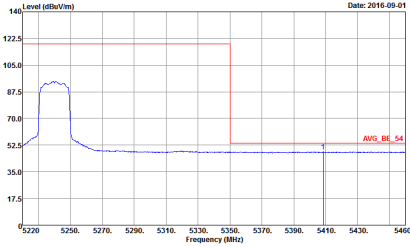


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 5	Left blank
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Mode : Peak : 680937 : 5	Left blank

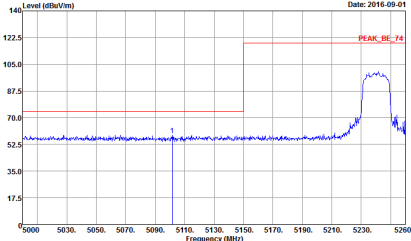
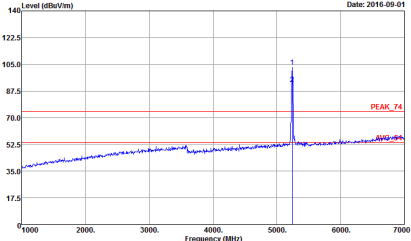
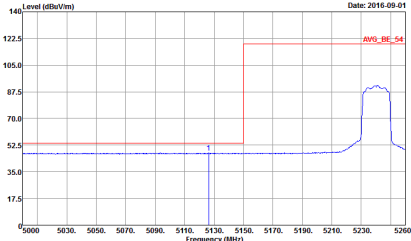


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 6	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 6
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 6	Left blank

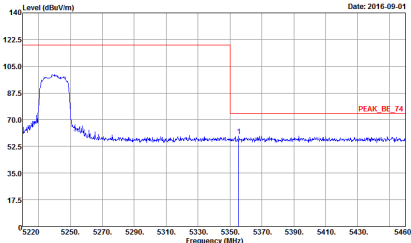
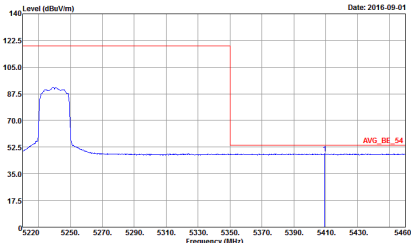


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 6	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 6	Left blank



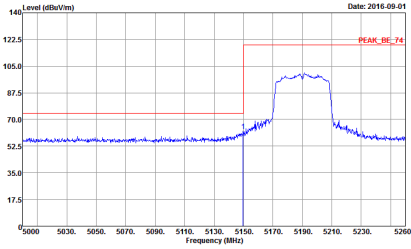
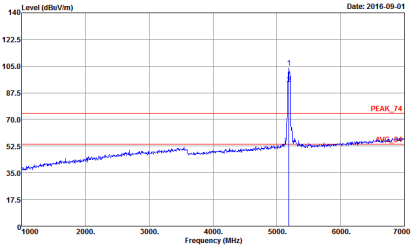
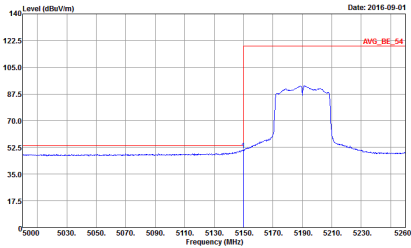
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 6	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 6
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 6	Left blank



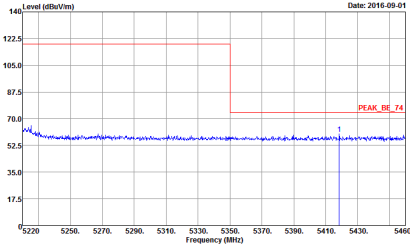
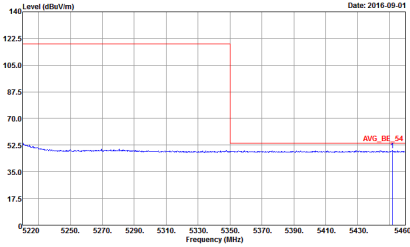
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 6	Left blank
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Mode : Peak : 680937 : 6	Left blank



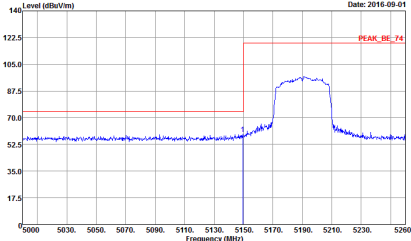
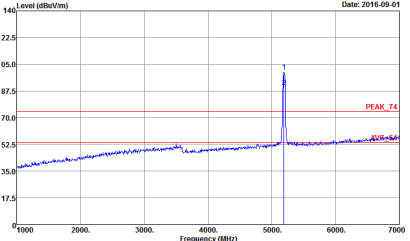
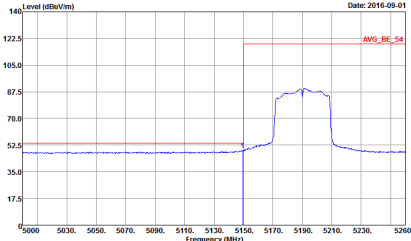
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 7	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 7
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 7	Left blank

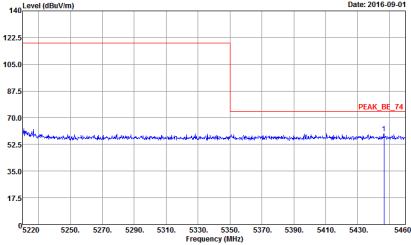
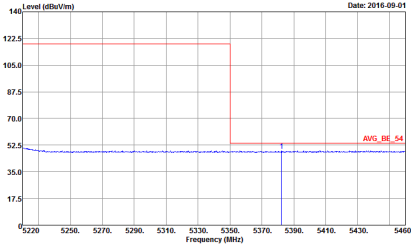


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 7	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 7	Left blank

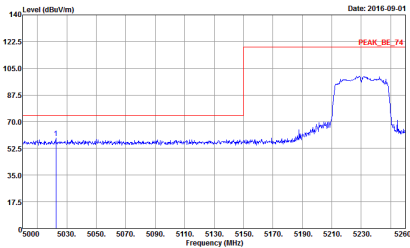
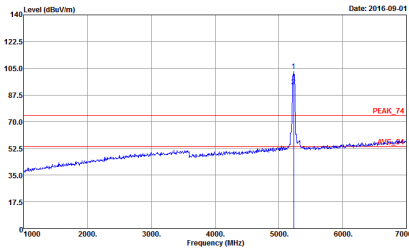
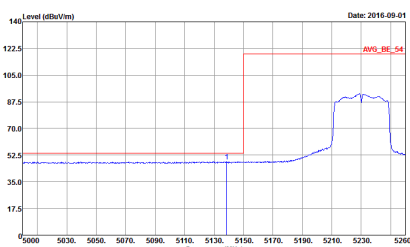


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 7	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 7
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 7	Left blank

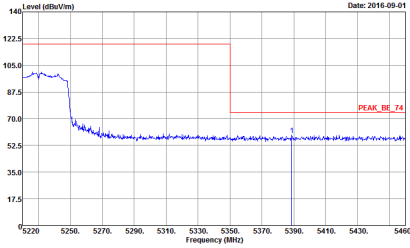
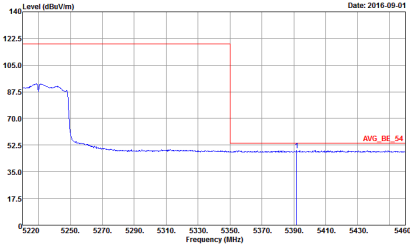


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 7	Left blank
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Mode : Peak : 680937 : 7	Left blank

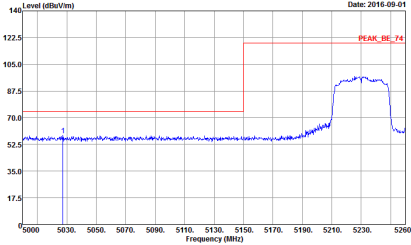
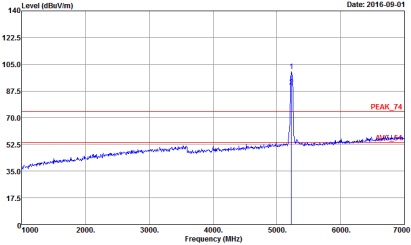
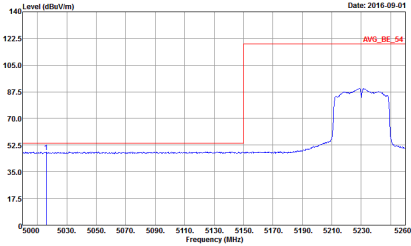


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

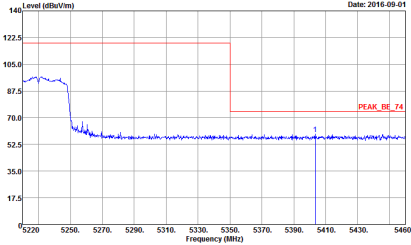
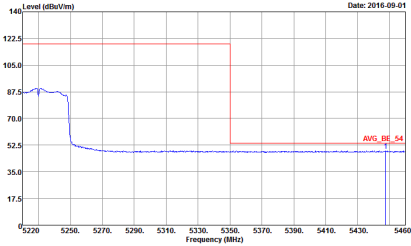


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 8	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 8	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 8	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 8
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 8	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 8	Left blank
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Mode : Peak : 680937 : 8	Left blank



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 1	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 1



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 2	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 2



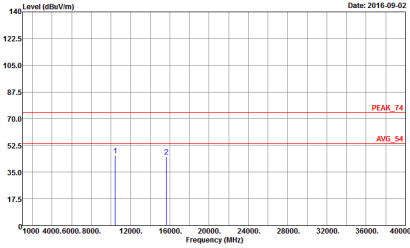
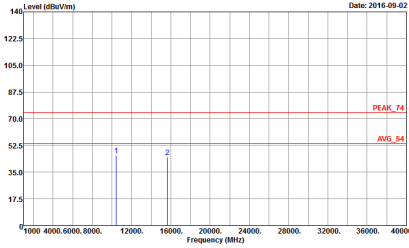
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 3	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 3



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBu/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 4	Level (dBu/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 4



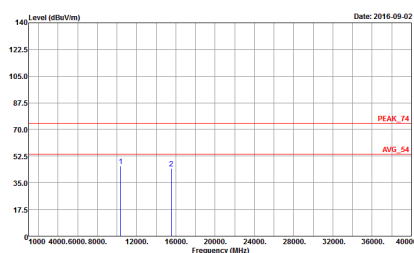
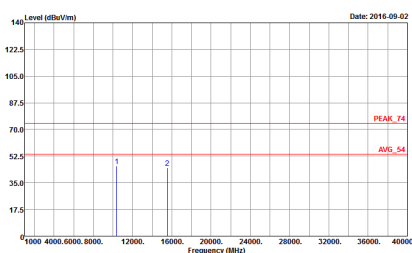
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 5



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 6	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 6



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

WIFI		Band 1 5150~5250MHz Harmonic @ 3m																						
ANT		802.11n HT40 CH38 5190MHz																						
1		Horizontal	Vertical																					
Peak Avg.	<table><tr><td>Site</td><td>: 03CH12-HY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m HORN_9120D_1328 HORIZONTAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: 680937</td></tr><tr><td>Mode</td><td>: 7</td></tr></table>		Site	: 03CH12-HY	Condition	: PEAK_74 3m HORN_9120D_1328 HORIZONTAL	Detector	: Peak	Project	: 680937	Mode	: 7	<table><tr><td>Site</td><td>: 03CH12-HY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m HORN_9120D_1328 VERTICAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: 680937</td></tr><tr><td>Mode</td><td>: 7</td></tr></table>		Site	: 03CH12-HY	Condition	: PEAK_74 3m HORN_9120D_1328 VERTICAL	Detector	: Peak	Project	: 680937	Mode	: 7
	Site	: 03CH12-HY																						
Condition	: PEAK_74 3m HORN_9120D_1328 HORIZONTAL																							
Detector	: Peak																							
Project	: 680937																							
Mode	: 7																							
Site	: 03CH12-HY																							
Condition	: PEAK_74 3m HORN_9120D_1328 VERTICAL																							
Detector	: Peak																							
Project	: 680937																							
Mode	: 7																							



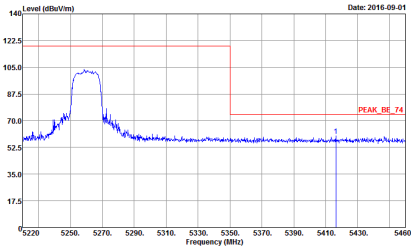
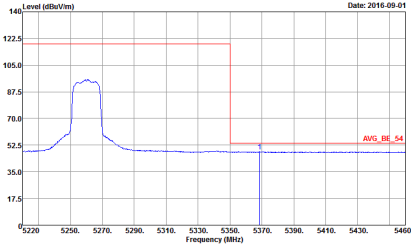
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 8	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 8



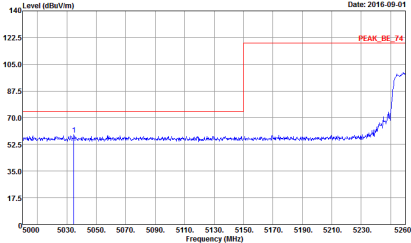
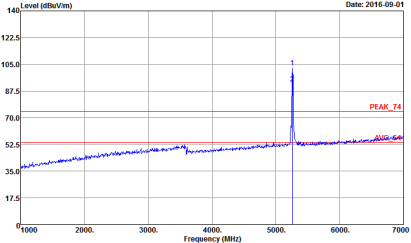
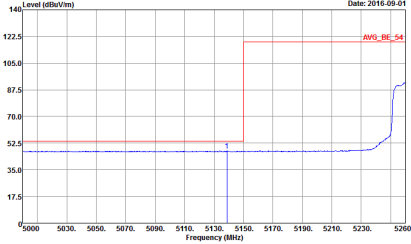
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

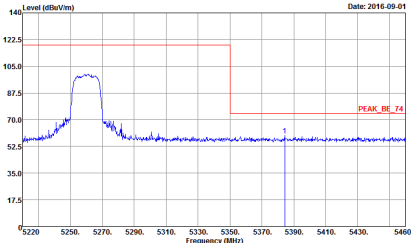
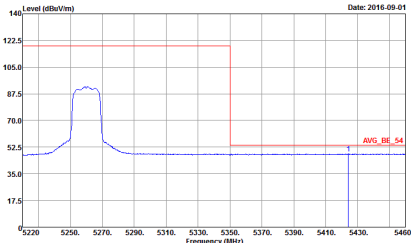


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 9	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 9	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

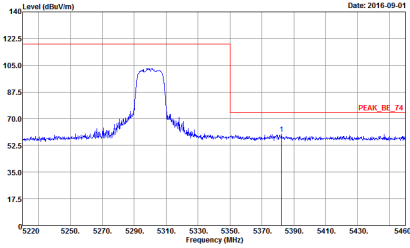
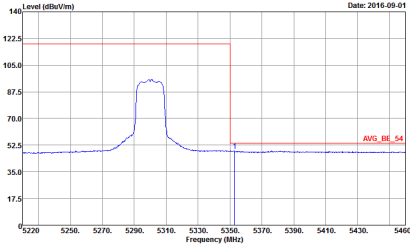


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 9	Left blank
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 9	Left blank

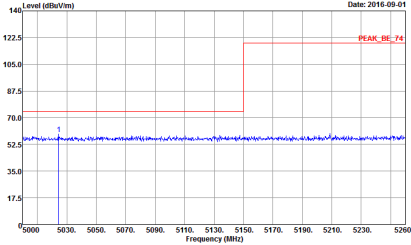
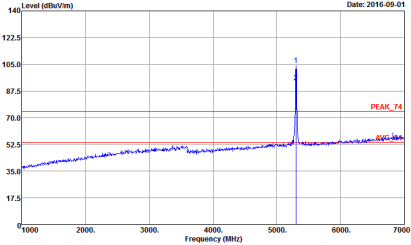
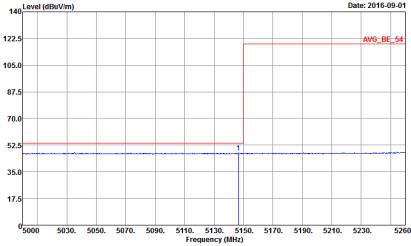


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 10	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 10
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 10	Left blank

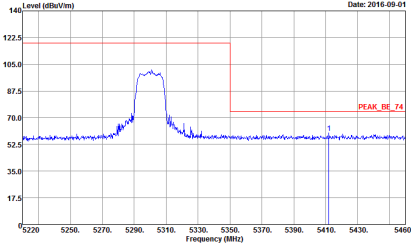
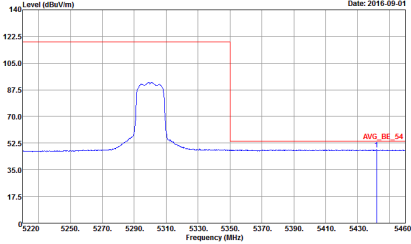


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak 680937 Mode : 10	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak 680937 Mode : 10	Left blank

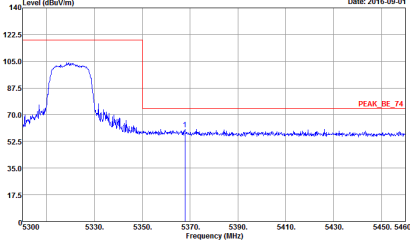
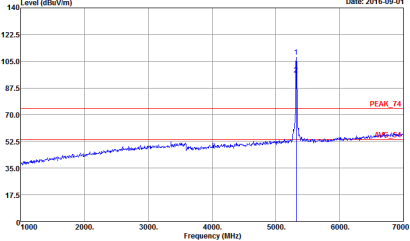
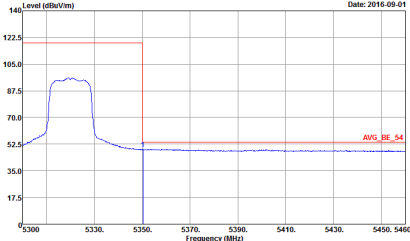


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 10	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 10
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 10	Left blank

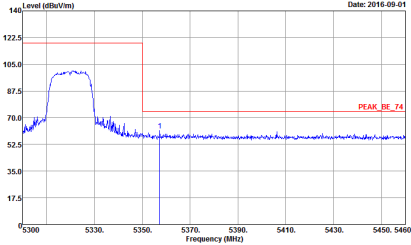
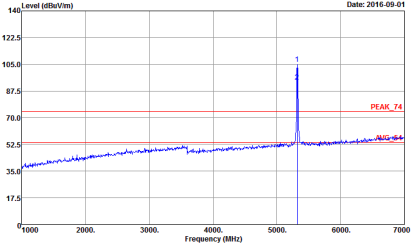
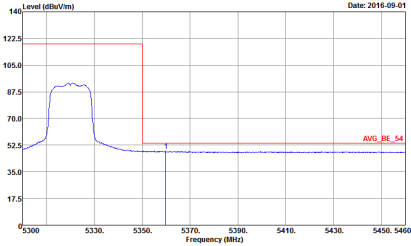


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 10	Left blank
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 10	Left blank

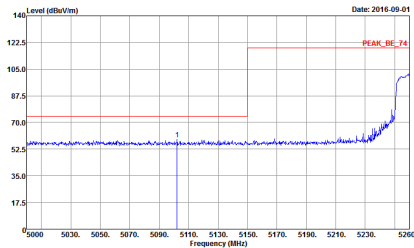
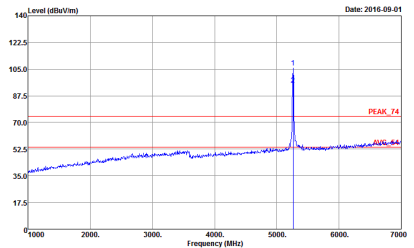
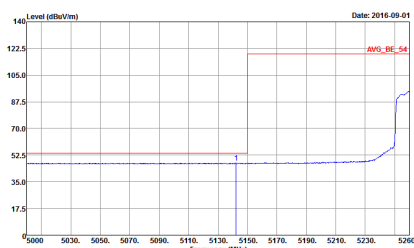


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

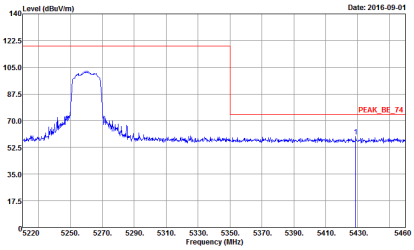
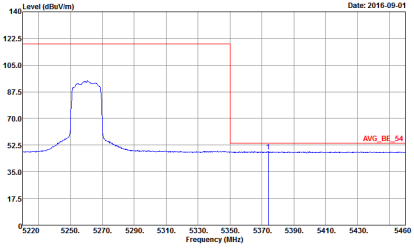


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 11	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 11
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 11	Left blank

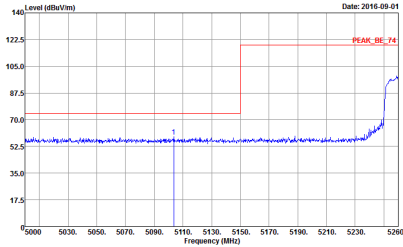
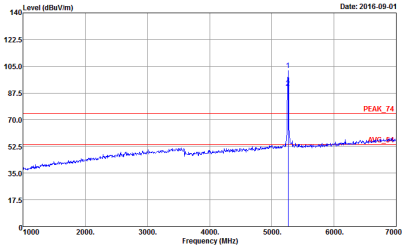
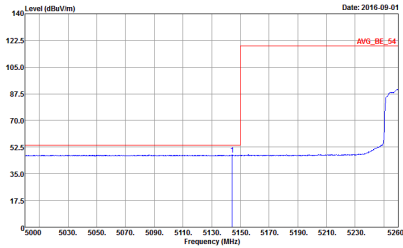
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 12	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 12
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 12	Left blank

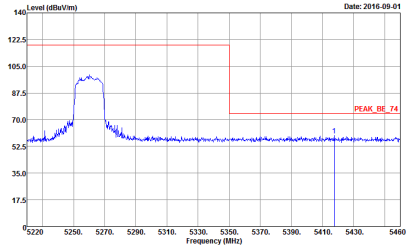
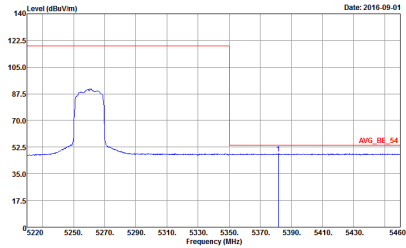


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 12	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 12	Left blank

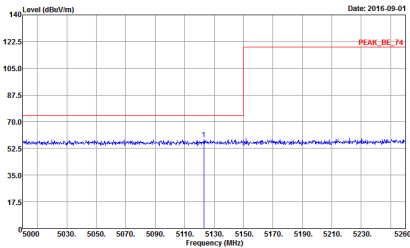
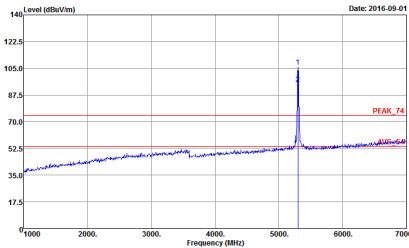
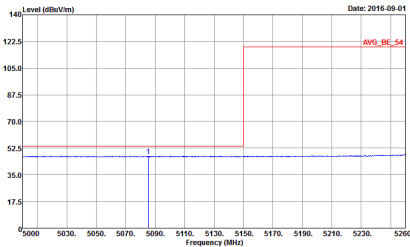


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 12	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 12
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 12	Left blank

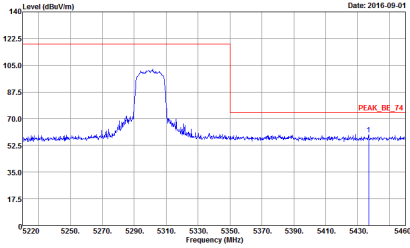
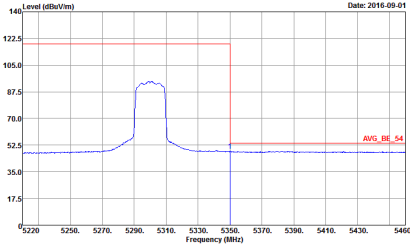


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 12	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 12	Left blank

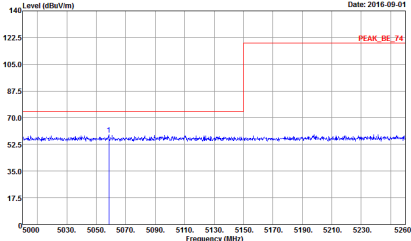
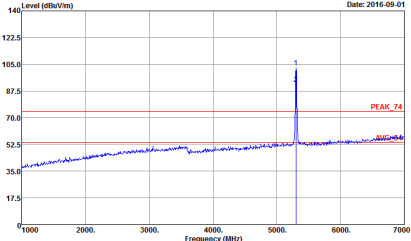
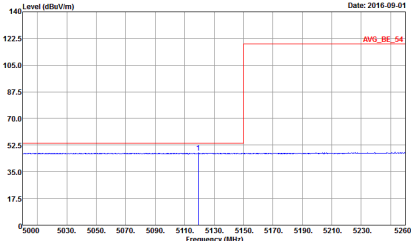


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 13	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 13
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 13	Left blank

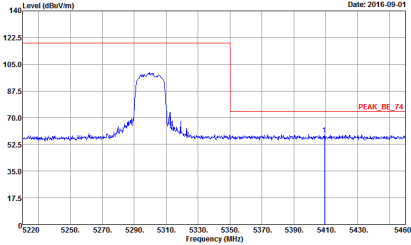
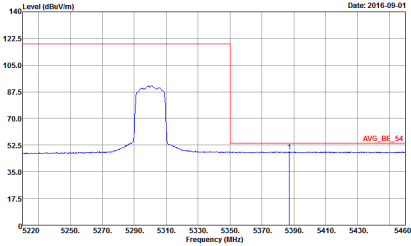


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 13	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 13	Left blank

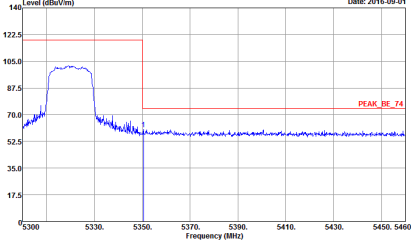
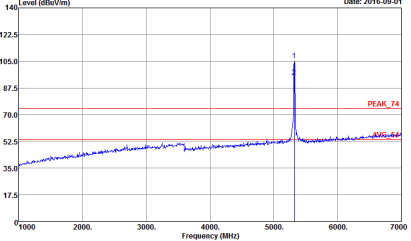
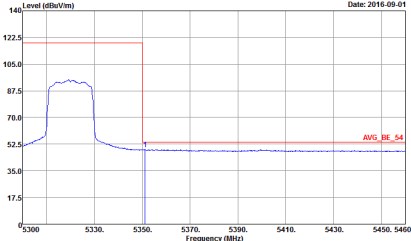


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

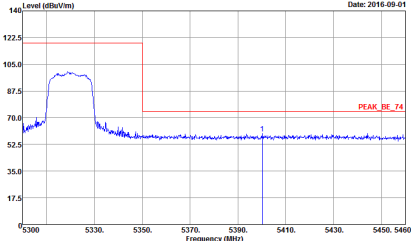
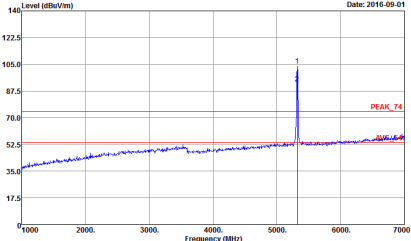
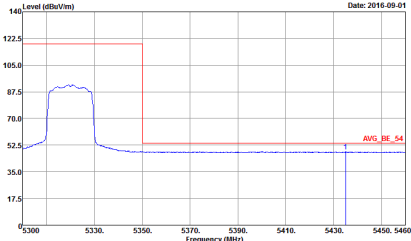


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 13	Left blank
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Mode : Peak : 680937 : 13	Left blank

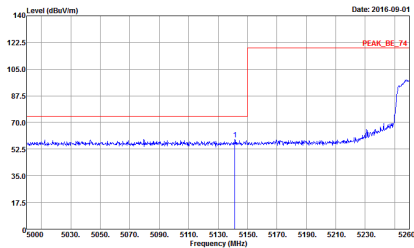
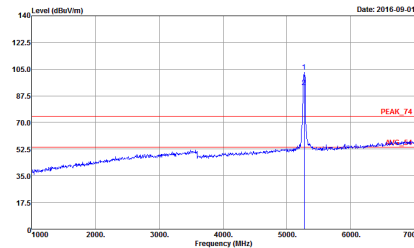
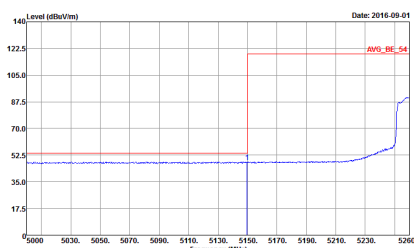


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

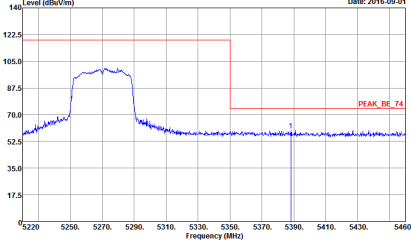
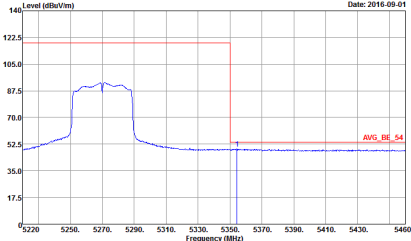


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 14	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 14
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 14	Left blank

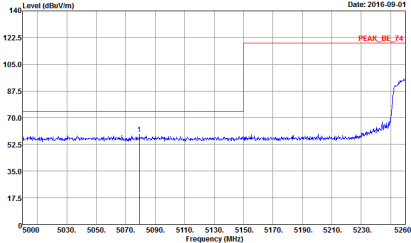
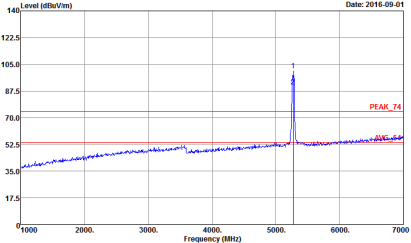
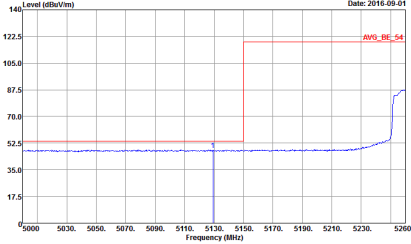
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 15	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 15
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 15	Left blank

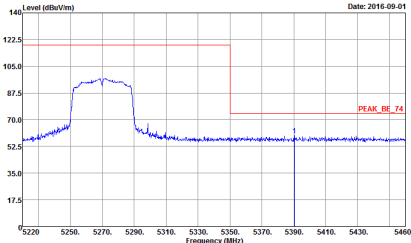
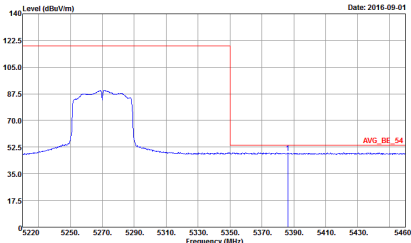


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 15	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 680937 15	Left blank

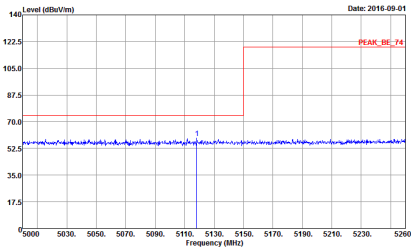
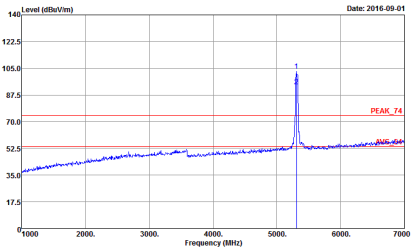
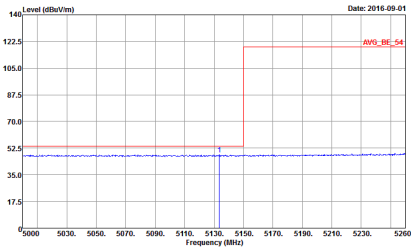


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

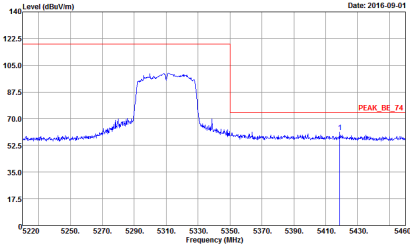
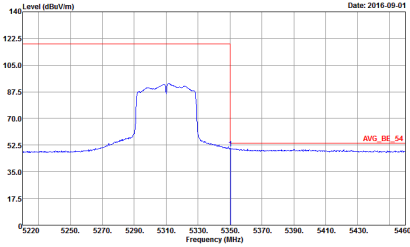


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 15	Left blank
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Mode : Peak : 680937 : 15	Left blank

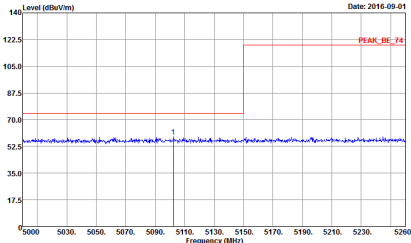
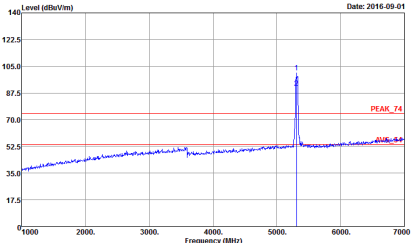
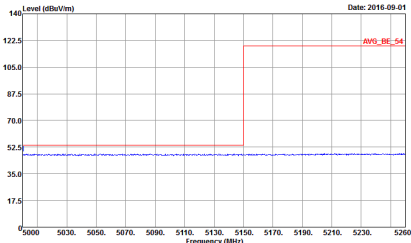


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

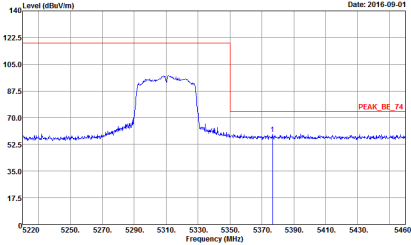
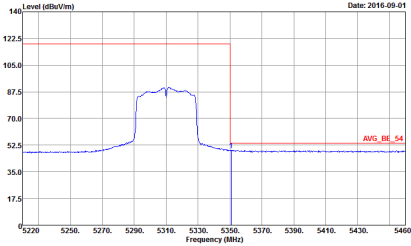


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 16	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 16	Left blank



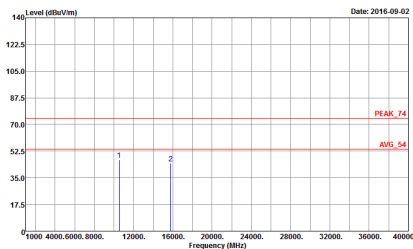
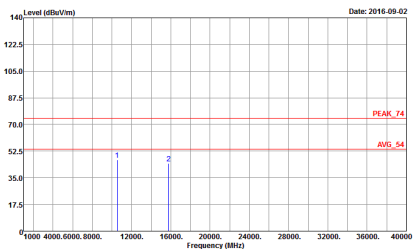
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 16	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 16
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 16	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 16	Left blank
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 680937 : 16	Left blank



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m																					
ANT	802.11a CH52 5260MHz																					
1	Horizontal	Vertical																				
Peak Avg.	<table><tr><td>Site</td><td>: 03CH12-HY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m HORN_9120D_1328 HORIZONTAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: 680937</td></tr><tr><td>Mode</td><td>: 9</td></tr></table>	Site	: 03CH12-HY	Condition	: PEAK_74 3m HORN_9120D_1328 HORIZONTAL	Detector	: Peak	Project	: 680937	Mode	: 9	<table><tr><td>Site</td><td>: 03CH12-HY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m HORN_9120D_1328 VERTICAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: 680937</td></tr><tr><td>Mode</td><td>: 9</td></tr></table>	Site	: 03CH12-HY	Condition	: PEAK_74 3m HORN_9120D_1328 VERTICAL	Detector	: Peak	Project	: 680937	Mode	: 9
	Site	: 03CH12-HY																				
Condition	: PEAK_74 3m HORN_9120D_1328 HORIZONTAL																					
Detector	: Peak																					
Project	: 680937																					
Mode	: 9																					
Site	: 03CH12-HY																					
Condition	: PEAK_74 3m HORN_9120D_1328 VERTICAL																					
Detector	: Peak																					
Project	: 680937																					
Mode	: 9																					



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 10	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 10



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 11	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 11



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBu/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 12	Level (dBu/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 12



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 13	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 13



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 14	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 14



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

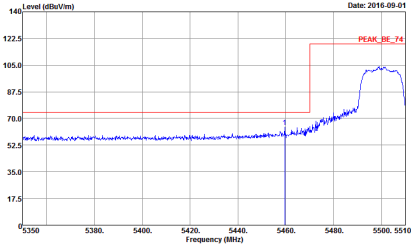
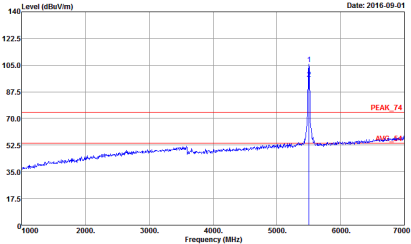
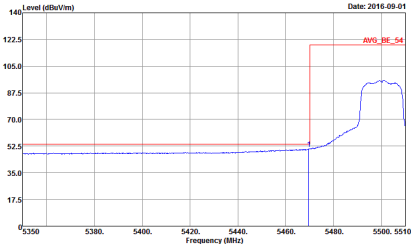
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 15	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 15



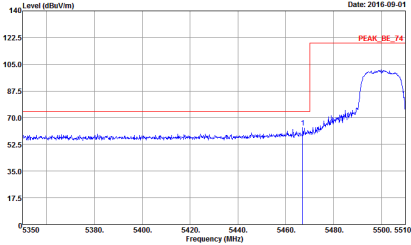
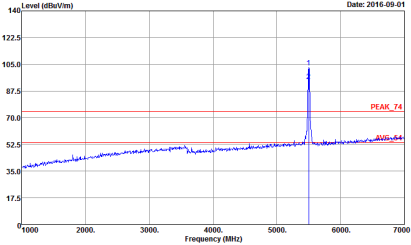
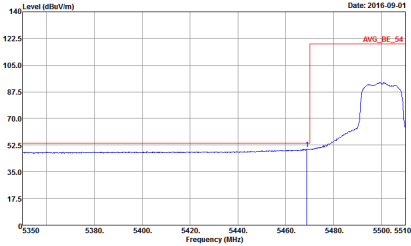
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 16	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 16



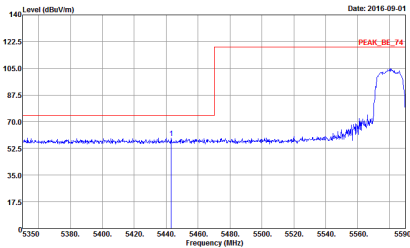
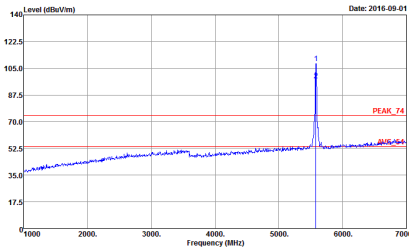
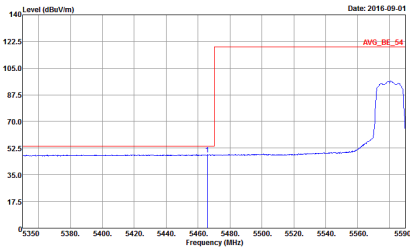
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

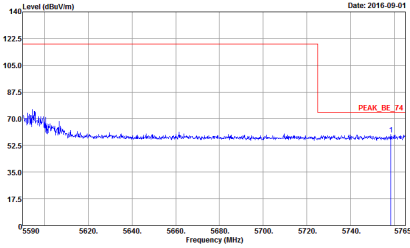
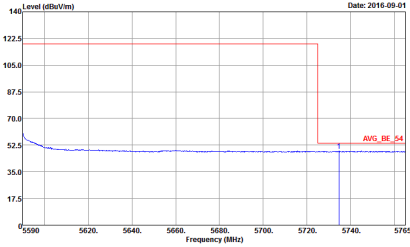


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 17	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 17
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 17	Left blank

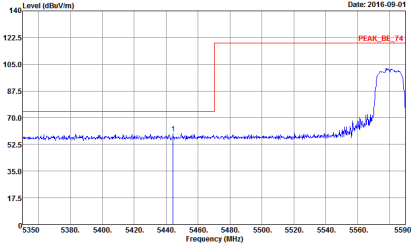
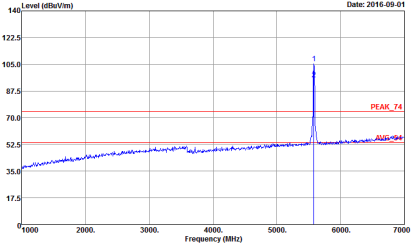
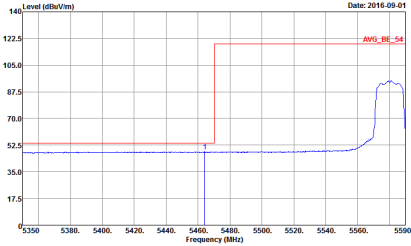


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 18	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 18
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 18	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 18	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 18	Left blank

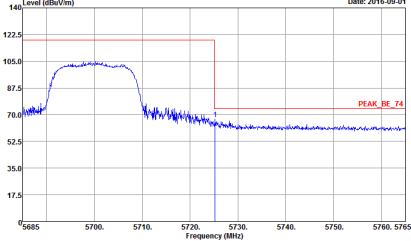
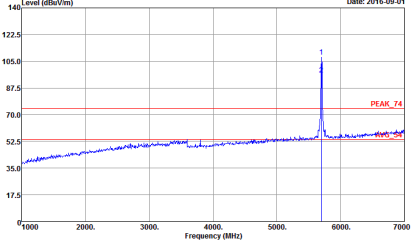
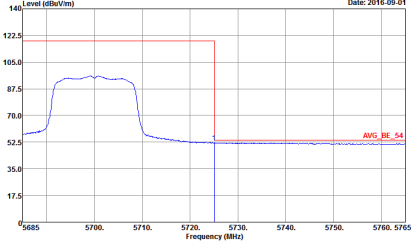


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 18	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 18
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Mode : Peak : 680937 : 18	Left blank

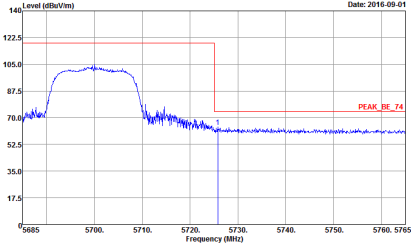
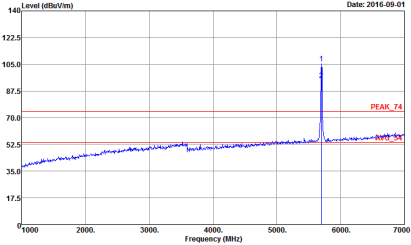
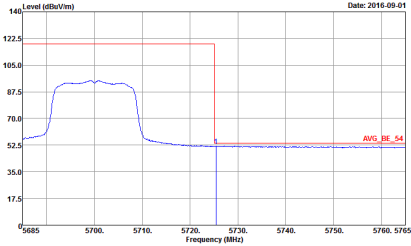


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 18	Left blank
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 18	Left blank



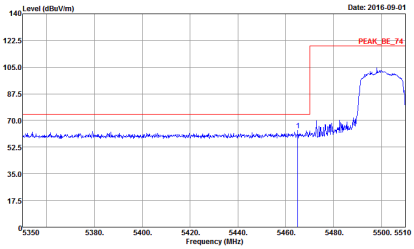
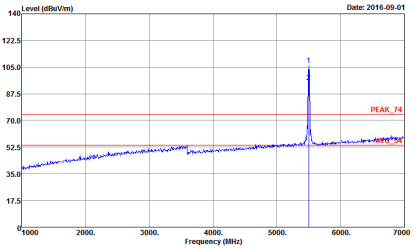
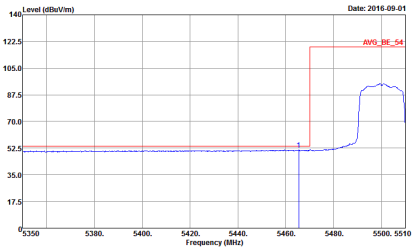
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank



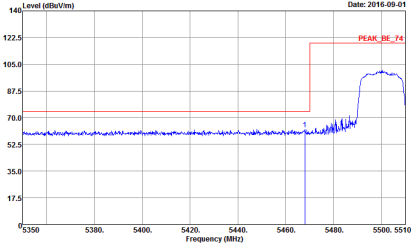
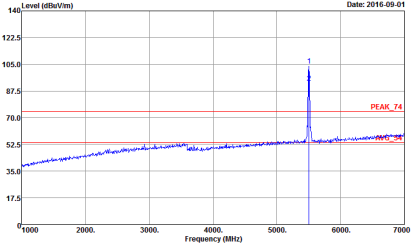
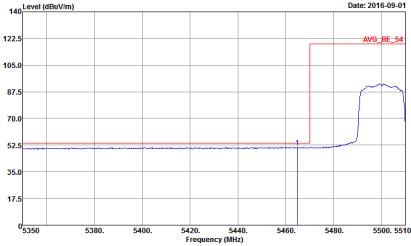
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 19	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 19
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 19	Left blank



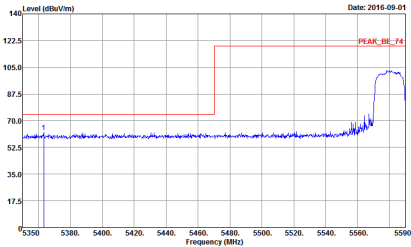
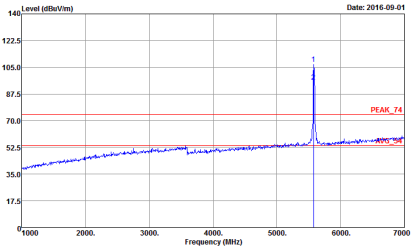
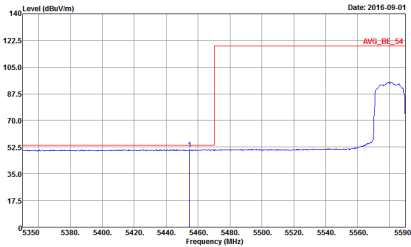
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 20	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 20
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 20	Left blank

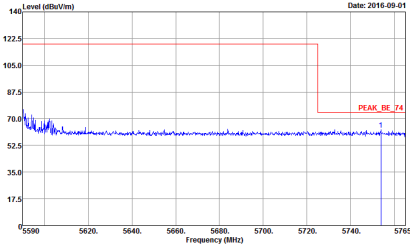
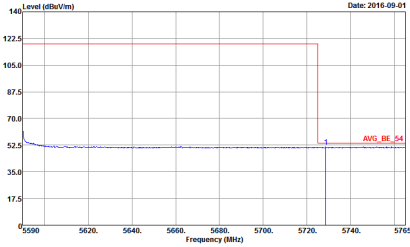


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 20	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 20
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Mode : Peak : 680937 : 20	Left blank

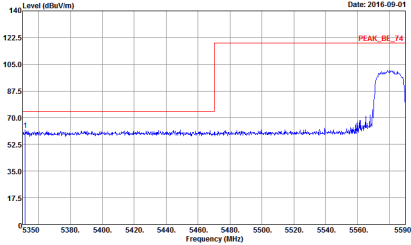
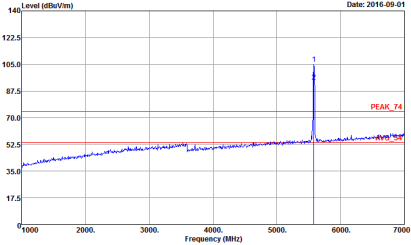
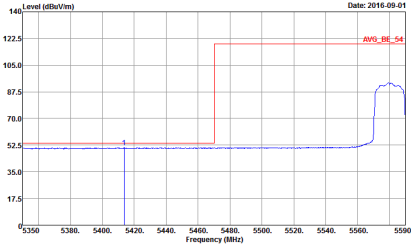


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 21	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 21
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 21	Left blank

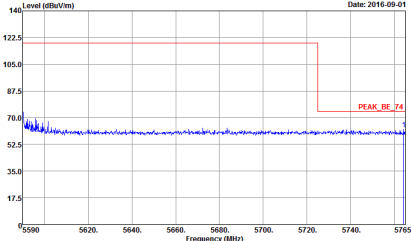
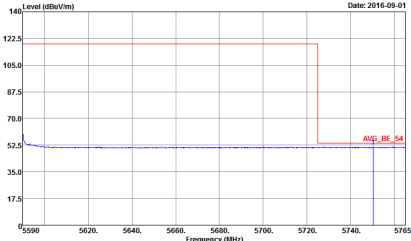


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 21	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 21	Left blank

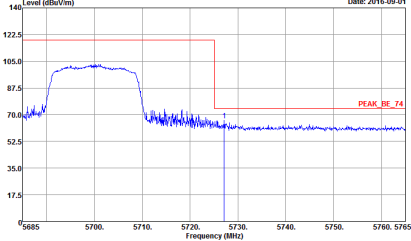
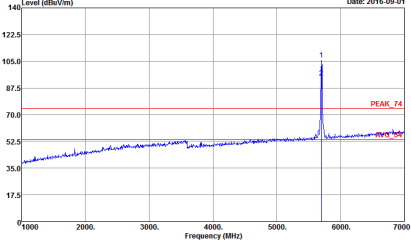
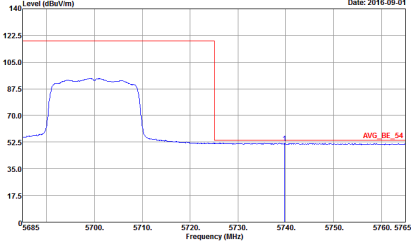


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 21	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 21
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Mode : Peak : 680937 : 21	Left blank

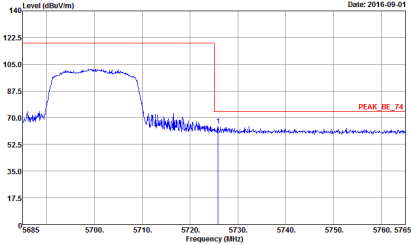
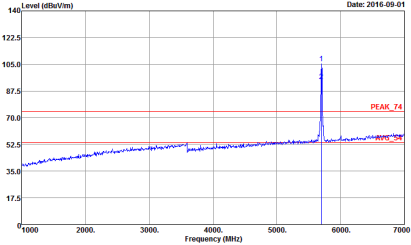
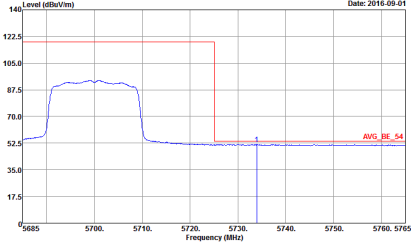


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 21	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 21	Left blank



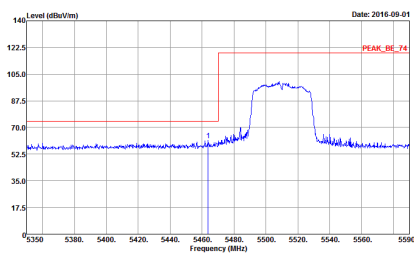
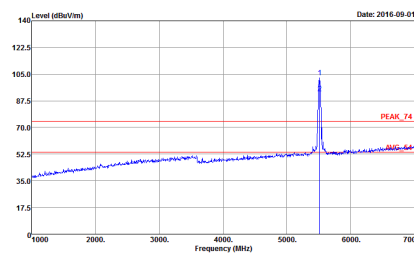
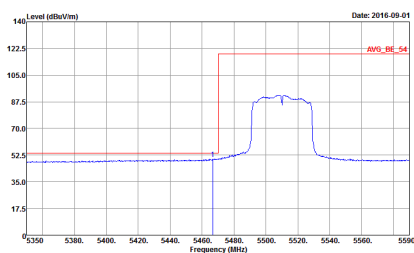
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 22	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 22
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 680937 : 22	Left blank



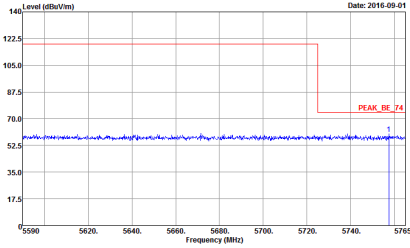
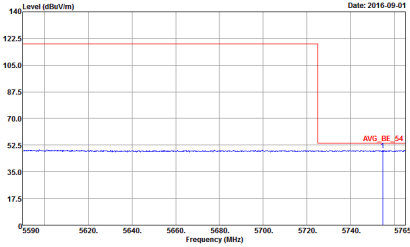
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site Condition : 03CH12-HY : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 22	 Site Condition : 03CH12-HY : PEAK_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 22
Avg.	 Site Condition : 03CH12-HY : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 22	Left blank



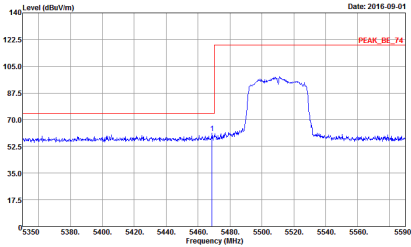
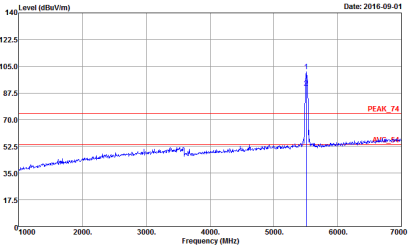
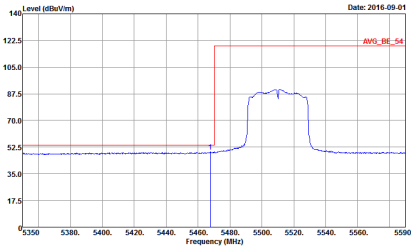
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 23	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 23
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 680937 Mode : 23	Left blank

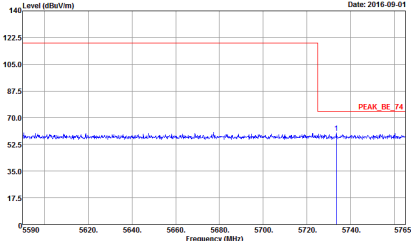
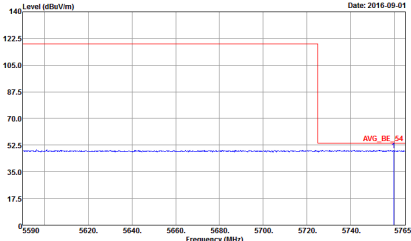


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 23	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 23	Left blank

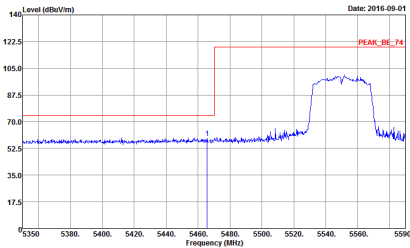
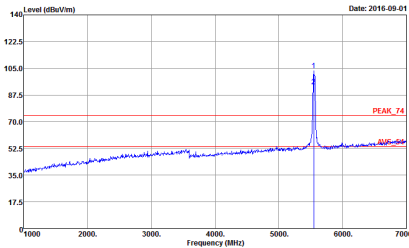
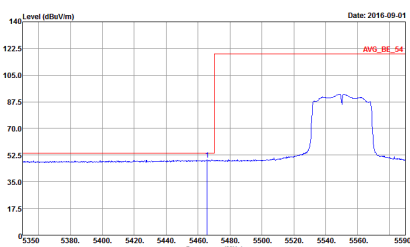


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

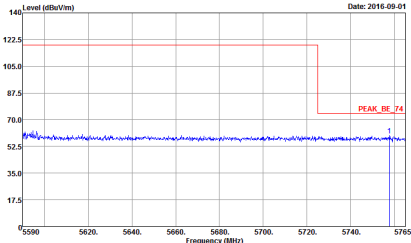
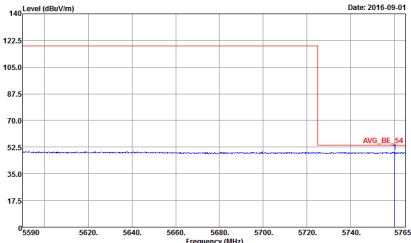


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 23	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 680937 : 23	Left blank

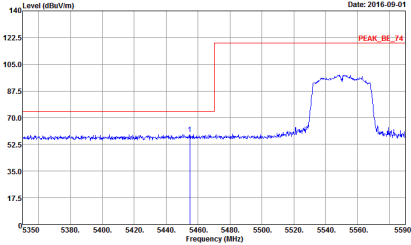
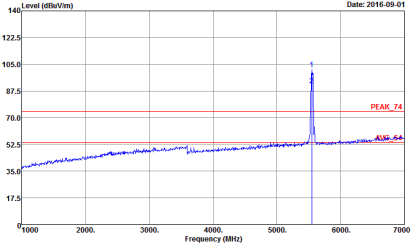
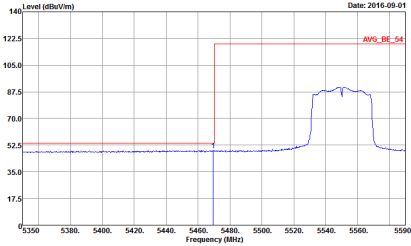


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

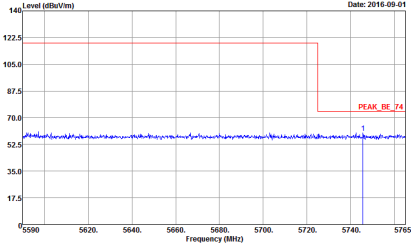
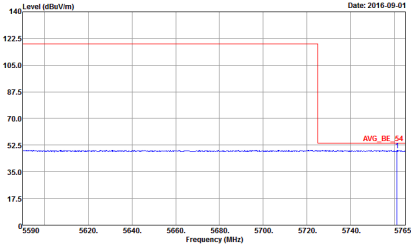


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 24	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 680937 : 24	Left blank

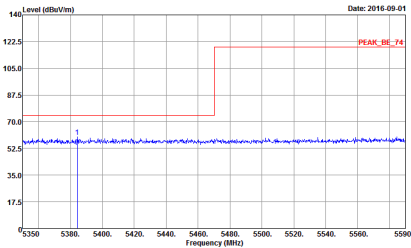
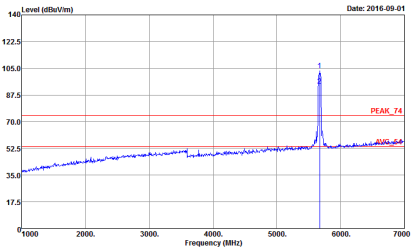
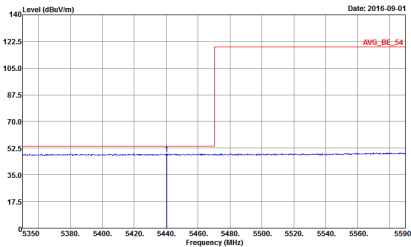


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH12-HY Detector : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 24	 Site Condition : 03CH12-HY Detector : PEAK_74 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Mode : Peak : 680937 : 24
Avg.	 Site Condition : 03CH12-HY Detector : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Project : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Mode : Peak : 680937 : 24	Left blank

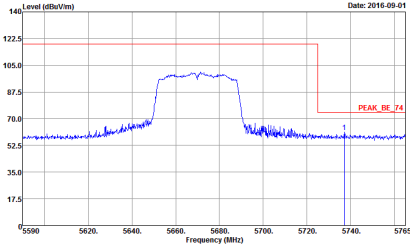
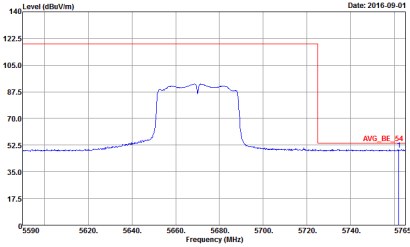


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

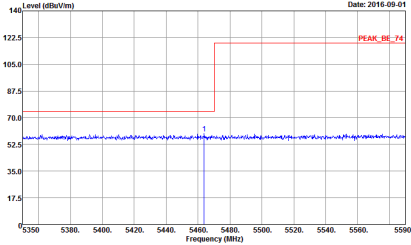
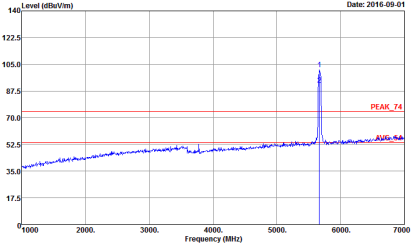
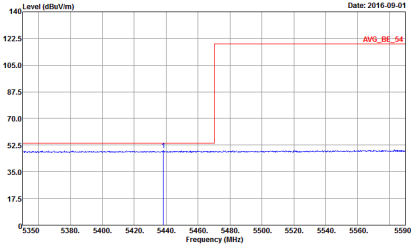


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank

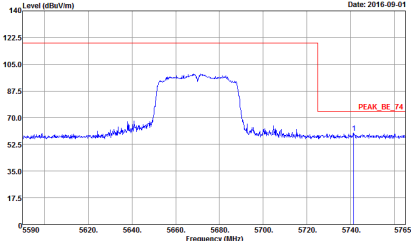
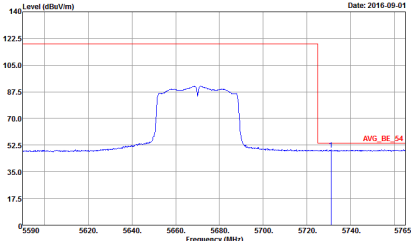


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 25	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 25	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 Date: 2016-09-01	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 680937 : 25	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 680937 : 25	Left blank



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

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



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 18	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 18



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 19	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 19



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 20	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 20



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 21	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 21



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 22	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 22



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBu/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 23	Level (dBu/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 23



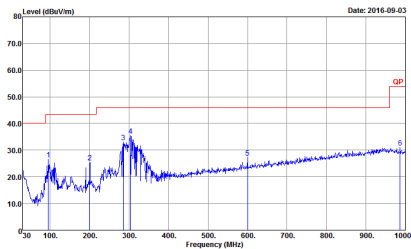
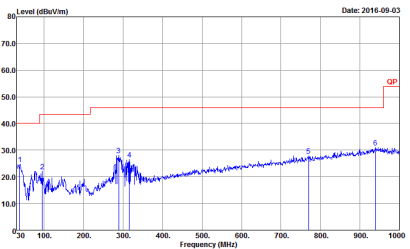
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 24	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 24



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 680937 Mode : 25	Level (dBuV/m) Date: 2016-09-02 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 680937 Mode : 25



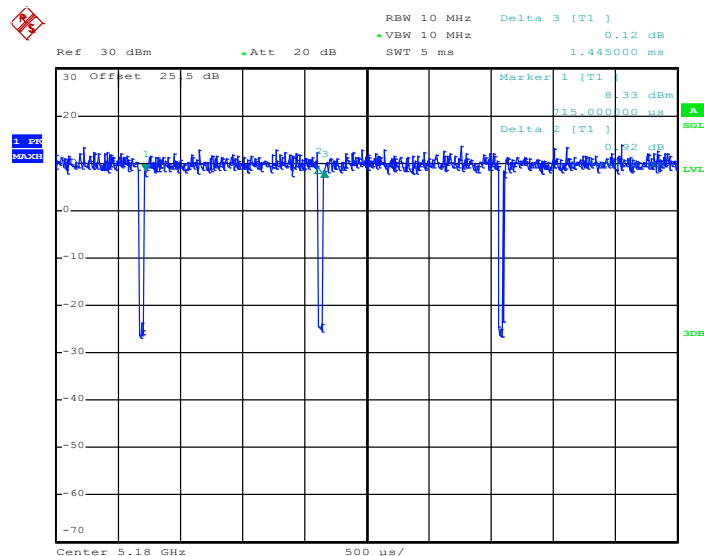
Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH12-NY Condition : QP 3m BILOG_6111D_37059 HORIZONTAL Detector : Peak Project : 680937 Mode : 26	 Site : 03CH12-NY Condition : QP 3m BILOG_6111D_37059 VERTICAL Detector : Peak Project : 680937 Mode : 26

Appendix D. Duty Cycle Plots

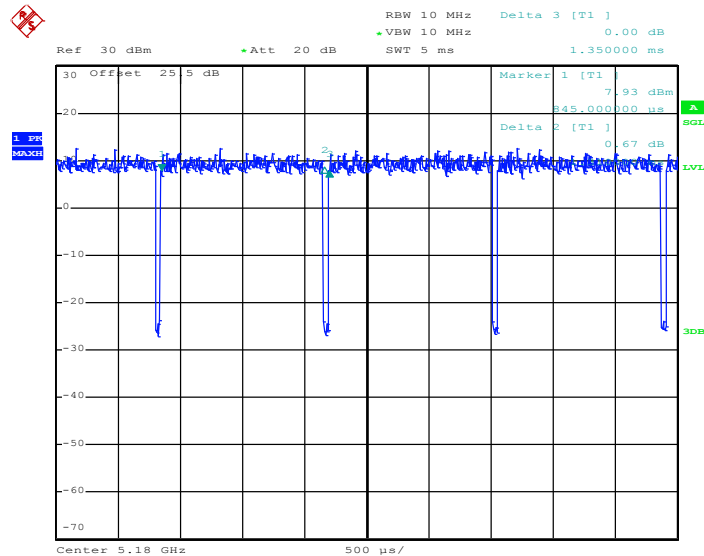
Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
802.11a	96.54	1395	0.72	1kHz
5GHz 802.11n HT20	97.04	1310	0.76	1kHz
5GHz 802.11n HT40	96.61	644	1.55	3kHz

802.11a



Date: 29.AUG.2016 10:00:30

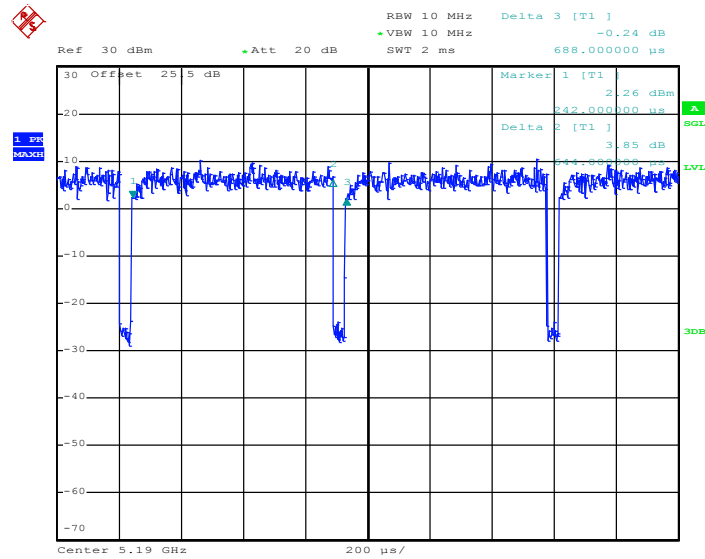
5GHz 802.11n HT20



Date: 29.AUG.2016 10:22:24



5GHz 802.11n HT40



Date: 29.AUG.2016 10:31:30