



# FCC RF Test Report

**APPLICANT** : MiTAC Digital Technology Corporation  
**EQUIPMENT** : Tablet  
**BRAND NAME** : MiTAC, Mio, NAVMAN, MAGELLAN  
**MODEL NAME** : N564B  
**FCC ID** : P4Q-N564B  
**STANDARD** : FCC Part 15 Subpart E §15.407  
**CLASSIFICATION** : (NII) Unlicensed National Information Infrastructure

The product was received on Feb. 08, 2018 and testing was completed on Apr. 16, 2018. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The 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.**

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FCC ID: P4Q-N564B

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## REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR722135-07E	Rev. 01	Initial issue of report	Apr. 30, 2018



### 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	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 2.02 dB at 10600.000 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 14.56 dB at 0.562 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.7	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-



# 1 General Description

## 1.1 Applicant

**MiTAC Digital Technology Corporation**

No.200, Wen Hua 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

## 1.2 Manufacturer

**MITAC Computer (Kunshan) Co., Ltd.**

No. 269, 2nd Avenue, District A, Comprehensive Free Trade Zone, 300 Kunshan, China

## 1.3 Product Feature of Equipment Under Test

WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n, NFC, and GNSS

Product Specification subjective to this standard	
<b>Sample 1</b>	EUT with SKU 1
<b>Sample 2</b>	EUT with SKU 2
<b>Integrated WWAN Module</b>	Brand Name: u-blox Model Name: LARA-R202
<b>Integrated WLAN Module</b>	Brand Name: Qualcomm Model Name: WCN3660B
<b>Antenna Type</b>	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GPS/GLONASS: PATCH Antenna NFC: Loop Antenna

**Remark:** All test items were performed with Sample 1

### <Sample Information>

SKU	SKU 1	SKU 2
<b>Model name</b>	N564B	N564B
<b>WLAN</b>	Support (2.4G + 5G)	Support (2.4G + 5G)
<b>WWAN</b>	Support	Support
<b>RFID(13.56MHz)</b>	Support	Not Support
<b>RAM</b>	2G	2G
<b>Storage</b>	16G	16G
<b>Camera</b>	Support	Support

## 1.4 Modification of EUT

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



### 1.5 Testing Location

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

<b>Test Site</b>	SPORTON INTERNATIONAL INC.	
<b>Test Site Location</b>	No. 52, Hwa Ya 1 <sup>st</sup> 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	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	TH05-HY	CO05-HY

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

<b>Test Site</b>	SPORTON INTERNATIONAL INC.	
<b>Test Site Location</b>	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	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	03CH12-HY	

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

### 1.6 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ANSI C63.10-2013

**Remark:**

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



## 2 Test Configuration of Equipment Under Test

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

### 2.1 Carrier Frequency and Channel

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

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

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

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



## 2.2 Test Mode

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

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

Test Cases	
<b>AC Conducted Emission</b>	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + NFC On + USB Cable (Charging from AC Adapter) for Sample 1
<b>Remark:</b> For Radiated Test Cases, the tests were performed with Sample 1.	

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

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



### 2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude E6320	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
4.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A



## 2.5 EUT Operation Test Setup

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

## 2.6 Measurement Results Explanation Example

**For all conducted test items:**

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

Example :

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

*Offset = RF cable loss + attenuator factor.*

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

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

### **3 Test Result**

#### **3.1 26dB & 99% Occupied Bandwidth Measurement**

##### **3.1.1 Description of 26dB & 99% Occupied Bandwidth**

This section is for reporting purpose only.  
There is no restriction limits for bandwidth.

##### **3.1.2 Measuring Instruments**

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

##### **3.1.3 Test Procedures**

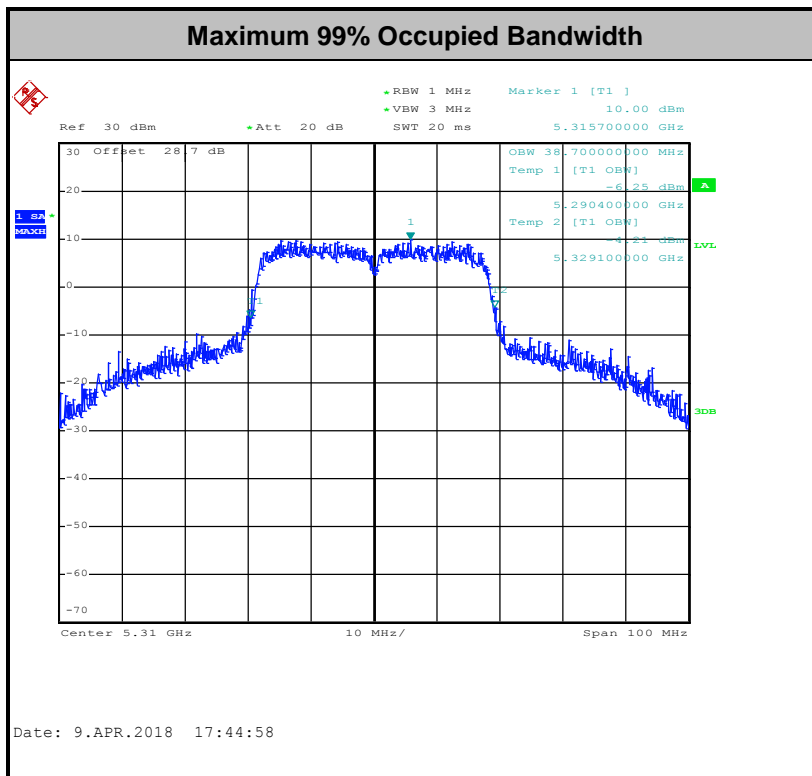
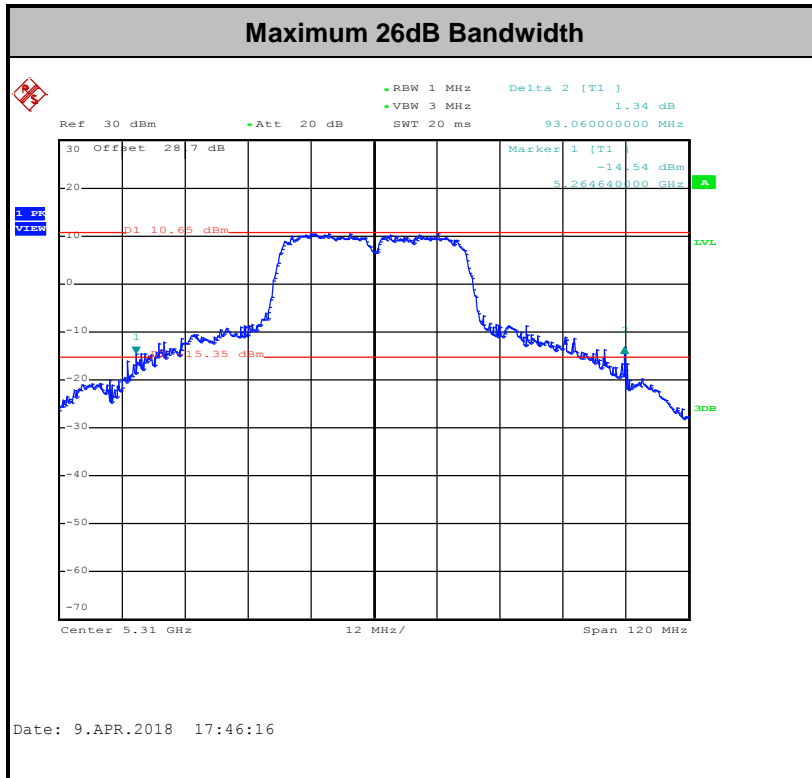
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

##### **3.1.4 Test Setup**



##### **3.1.5 Test Result of 26dB & 99% Occupied Bandwidth**

Please refer to Appendix A.



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



## 3.2 Maximum Conducted Output Power Measurement

### 3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

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

For the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 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.

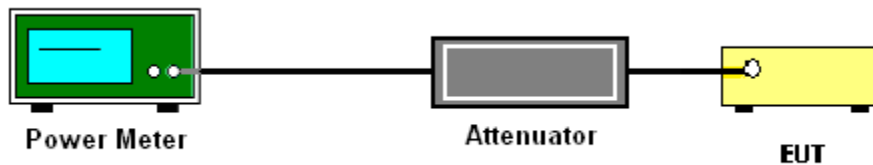
### 3.2.3 Test Procedures

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

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

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

### 3.2.4 Test Setup



### 3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



### 3.3 Power Spectral Density Measurement

#### 3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 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

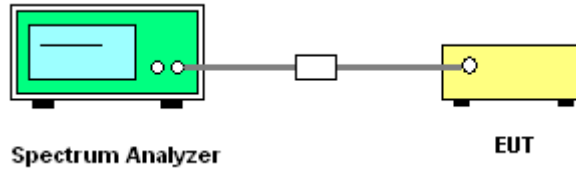
The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section F) Maximum power spectral density.

**# Method SA-2 #**

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

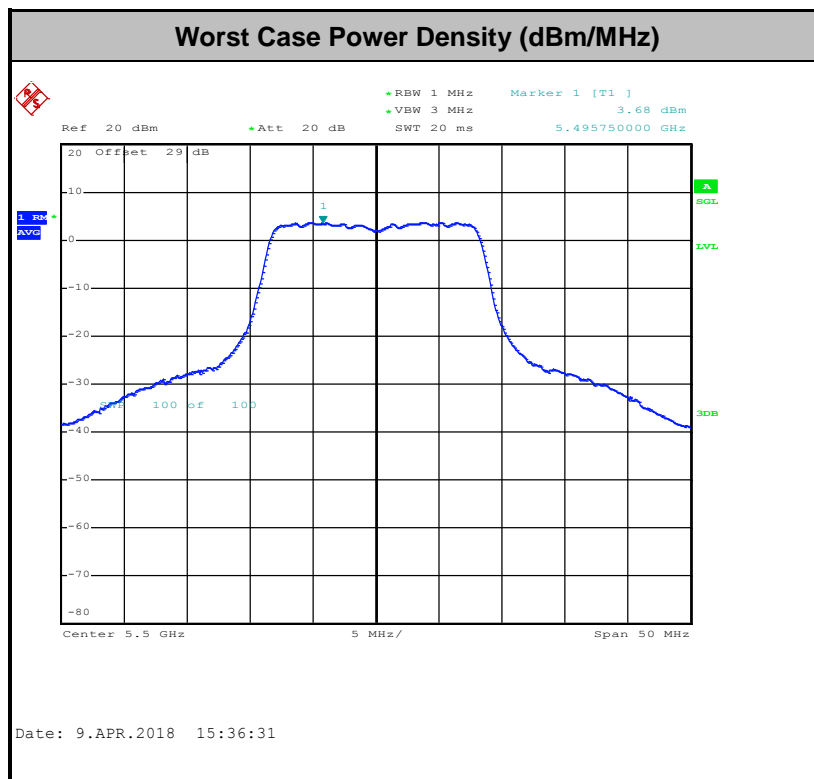
- Measure the duty cycle.
  - Set span to encompass the entire emission bandwidth (EBW) of the signal.
  - Set RBW = 1 MHz.
  - Set VBW  $\geq$  3 MHz.
  - Number of points in sweep  $\geq$  2 Span / RBW.
  - Sweep time = auto.
  - Detector = RMS
  - Trace average at least 100 traces in power averaging 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.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
  2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

### 3.3.4 Test Setup



### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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





### 3.4 Unwanted Emissions Measurement

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

#### 3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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



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

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

- (i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.<sup>3</sup>
- (ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.<sup>4</sup>

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

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

### 3.4.2 Measuring Instruments

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

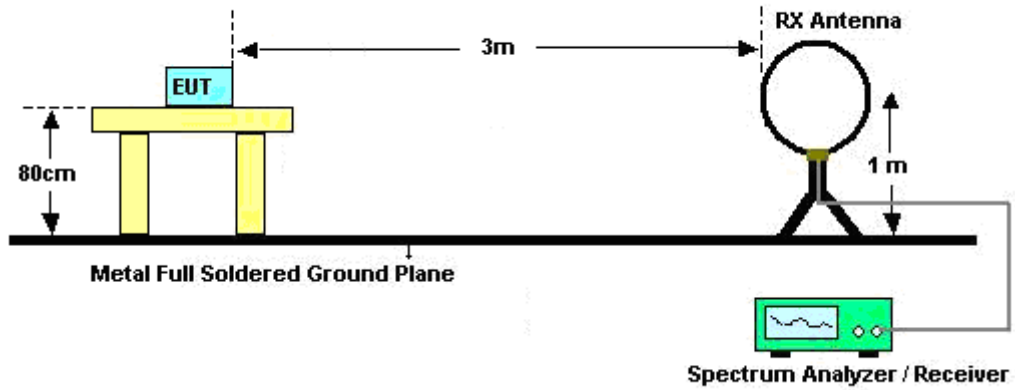


### 3.4.3 Test Procedures

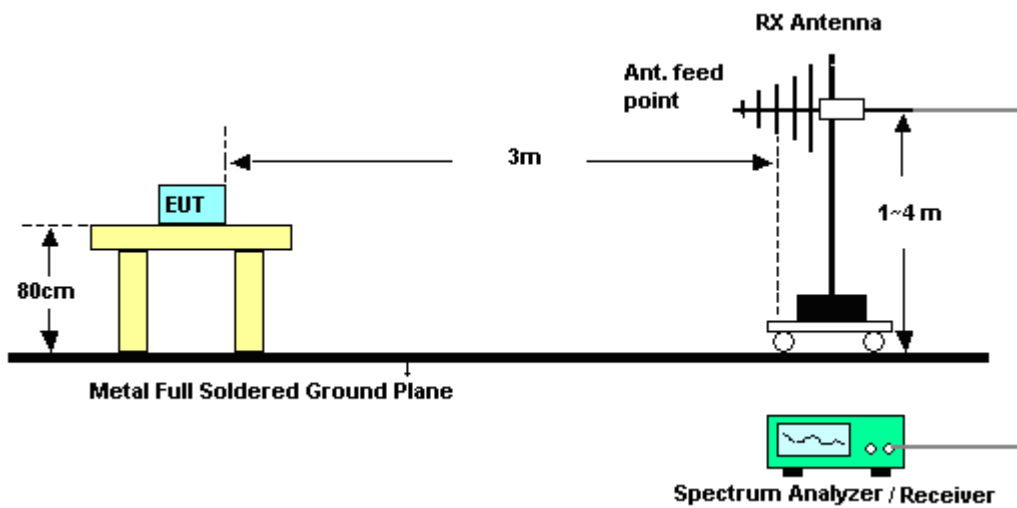
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
  - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
    - RBW = 120 kHz
    - VBW = 300 kHz
    - Detector = Peak
    - Trace mode = max hold
  - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW  $\geq$  3 MHz
    - Detector = Peak
    - Sweep time = auto
    - Trace mode = max hold
  - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
    - RBW = 1 MHz
    - VBW = 10 Hz, when duty cycle is no less than 98 percent.
    - VBW  $\geq$  1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

### 3.4.4 Test Setup

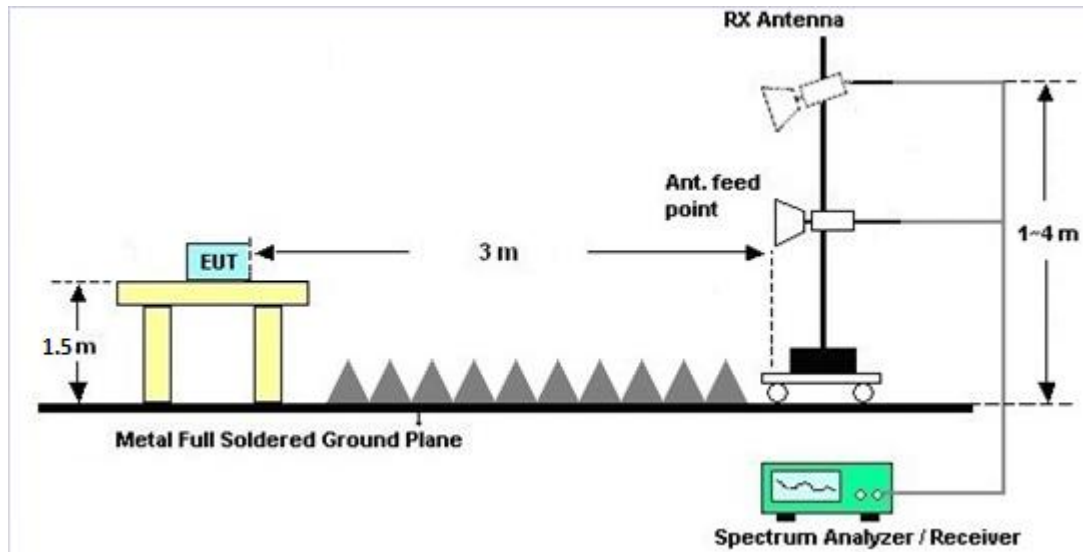
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

### 3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

### 3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



### 3.5 AC Conducted Emission Measurement

#### 3.5.1 Limit of AC Conducted Emission

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

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

\*Decreases with the logarithm of the frequency.

For terminal test result, the testing follows FCC KDB 174176.

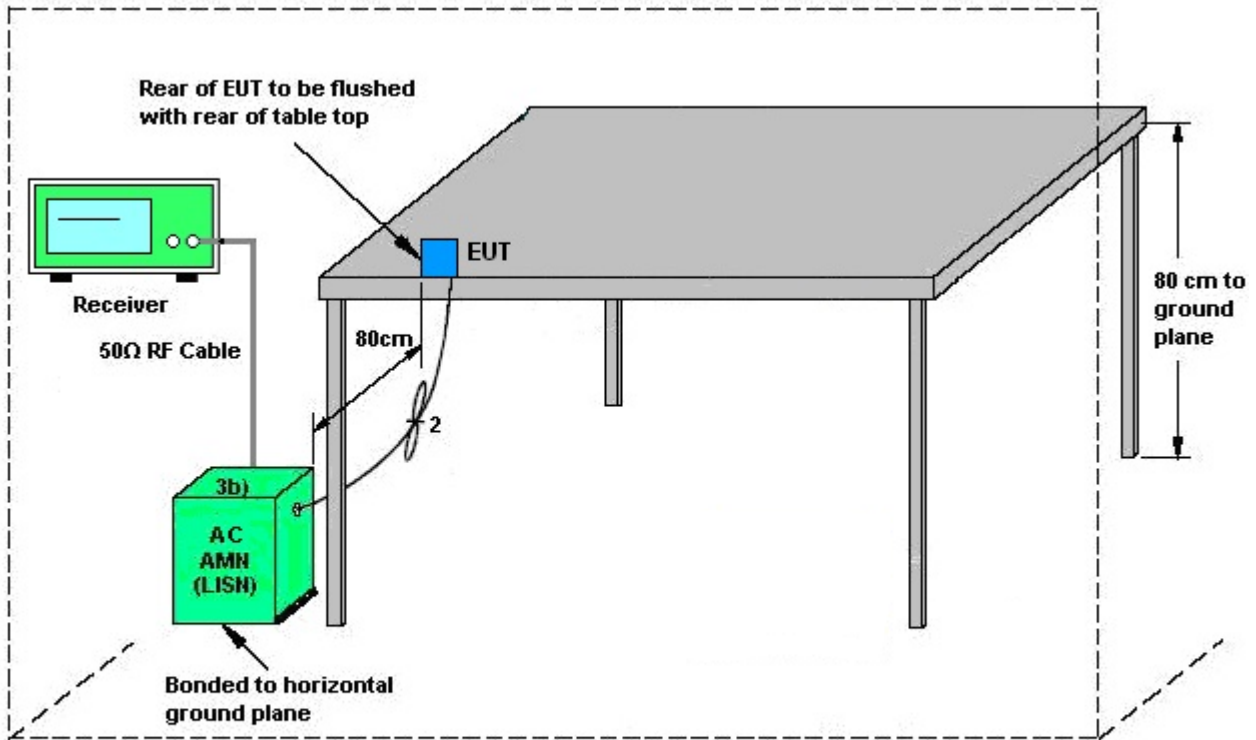
#### 3.5.2 Measuring Instruments

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



AMN = Artificial mains network (LISH)  
AE = Associated equipment  
EUT = Equipment under test  
ISN = Impedance stabilization network

### 3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.6 Automatically Discontinue Transmission**

### **3.6.1 Limit of Automatically Discontinue Transmission**

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

### **3.6.2 Measuring Instruments**

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

### **3.6.3 Test Result of Automatically Discontinue Transmission**

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





## **3.7 Antenna Requirements**

### **3.7.1 Standard Applicable**

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

### **3.7.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

### **3.7.3 Antenna Gain**

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



## 4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	1240001	N/A	Sep. 07, 2017	Feb. 14, 2018~ Apr. 16, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207349	300MHz~40GHz z	Sep. 07, 2017	Feb. 14, 2018~ Apr. 16, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 20, 2017	Feb. 14, 2018~ Apr. 16, 2018	Jun. 19, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Mar. 02, 2017	Feb. 14, 2018~ Feb. 28, 2018	Mar. 01, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Mar. 01, 2018	Mar. 01, 2018~ Apr. 16, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Mar. 24, 2018~ Mar. 29, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	3.6GHz	Dec. 08, 2017	Mar. 24, 2018~ Mar. 29, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Mar. 24, 2018~ Mar. 29, 2018	Nov. 29, 2018	Conduction (CO05-HY)
Test Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 24, 2018~ Mar. 29, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Mar. 24, 2018~ Mar. 29, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Mar. 24, 2018~ Mar. 29, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Amplifier	MITEQ	TTA1840-35- HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 18, 2017	Mar. 22, 2018~ Apr. 02, 2018	Jul. 17, 2018	Radiation (03CH12-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 85	10Hz ~ 44GHz	Oct. 31, 2017	Mar. 22, 2018~ Apr. 02, 2018	Oct. 30, 2018	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D&N-6-0 6	35414&AT- N0602	30MHz~1GHz	Oct. 14, 2017	Mar. 22, 2018~ Apr. 02, 2018	Oct. 13, 2018	Radiation (03CH12-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Mar. 22, 2018~ Apr. 02, 2018	Nov. 22, 2018	Radiation (03CH12-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100390	20Hz~26.5GHz	Dec. 25, 2017	Mar. 22, 2018~ Apr. 02, 2018	Dec. 24, 2018	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120D	9120D-132 8	1GHz ~ 18GHz	Oct. 20, 2017	Mar. 22, 2018~ Apr. 02, 2018	Oct. 19, 2018	Radiation (03CH12-HY)
Amplifier	Sonoma-Instru ment	310 N	187282	9KHz~1GHz	Jan. 19, 2018	Mar. 22, 2018~ Apr. 02, 2018	Jan. 18, 2020	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY532701 48	1GHz~26.5GHz	Jan. 15, 2018	Mar. 22, 2018~ Apr. 02, 2018	Jan. 14, 2019	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-1 2SS	SN2	1.2G Low Pass	Jul. 17, 2017	Mar. 22, 2018~ Apr. 02, 2018	Jul. 16, 2018	Radiation (03CH12-HY)
Filter	Woken	WHKX8-5272. 5-6750-18000 -40ST	SN2	6.75G Highpass	Jul. 17, 2017	Mar. 22, 2018~ Apr. 02, 2018	Jul. 16, 2018	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1m~4m	N/A	Mar. 22, 2018~ Apr. 02, 2018	N/A	Radiation (03CH12-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Mar. 22, 2018~ Apr. 02, 2018	N/A	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170 576	18GHz ~ 40GHz	Apr. 27, 2017	Mar. 22, 2018~ Apr. 02, 2018	Apr. 26, 2018	Radiation (03CH12-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 22, 2017	Mar. 22, 2018~ Apr. 02, 2018	May 21, 2018	Radiation (03CH12-HY)
Test Software	Audix	E3 6.2009-8-24	RK-00098 9	N/A	N/A	Mar. 22, 2018~ Apr. 02, 2018	N/A	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30M-18G	Mar. 14, 2018	Mar. 22, 2018~ Apr. 02, 2018	Mar. 13, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15539/ 4	30M-18G	Mar. 14, 2018	Mar. 22, 2018~ Apr. 02, 2018	Mar. 13, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36979/ 4	30M-18G	Mar. 14, 2018	Mar. 22, 2018~ Apr. 02, 2018	Mar. 13, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 17, 2017	Mar. 22, 2018~ Apr. 02, 2018	Oct. 16, 2018	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 17, 2017	Mar. 22, 2018~ Apr. 02, 2018	Oct. 16, 2018	Radiation (03CH12-HY)



## 5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.70
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### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.10
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### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.20
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### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.70
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**Appendix A. Test Result of Conducted Test Items**

Test Engineer:	White Lin / Rebecca Li	Temperature:	21~25	°C
Test Date:	2018/2/14~2018/4/16	Relative Humidity:	51~54	%

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	-	Note
11a	6Mbps	1	36	5180	19.35	42.65	-	22.87		
11a	6Mbps	1	44	5220	19.15	42.19	-	22.82		
11a	6Mbps	1	48	5240	19.20	42.30	-	22.83		
HT20	MCS0	1	36	5180	19.90	46.60	-	22.99		
HT20	MCS0	1	44	5220	19.95	46.60	-	23.00		
HT20	MCS0	1	48	5240	19.85	46.15	-	22.98		
HT40	MCS0	1	38	5190	36.80	76.14	-	23.01		
HT40	MCS0	1	46	5230	37.90	89.64	-	23.01		

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band I										
Mod.	Data Rate	N <sub>TX</sub>	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	-	Pass/Fail
11a	6Mbps	1	36	5180	0.59	13.85	24.00	2.95		Pass
11a	6Mbps	1	44	5220	0.59	13.76	24.00	2.95		Pass
11a	6Mbps	1	48	5240	0.59	13.96	24.00	2.95		Pass
HT20	MCS0	1	36	5180	0.63	13.68	24.00	2.95		Pass
HT20	MCS0	1	44	5220	0.63	13.56	24.00	2.95		Pass
HT20	MCS0	1	48	5240	0.63	13.71	24.00	2.95		Pass
HT40	MCS0	1	38	5190	0.70	13.55	24.00	2.95		Pass
HT40	MCS0	1	46	5230	0.70	13.98	24.00	2.95		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	0.59	0.96	11.00	2.95		Pass
11a	6Mbps	1	44	5220	0.59	1.22	11.00	2.95		Pass
11a	6Mbps	1	48	5240	0.59	1.49	11.00	2.95		Pass
HT20	MCS0	1	36	5180	0.63	0.79	11.00	2.95		Pass
HT20	MCS0	1	44	5220	0.63	0.83	11.00	2.95		Pass
HT20	MCS0	1	48	5240	0.63	1.25	11.00	2.95		Pass
HT40	MCS0	1	38	5190	0.70	-2.10	11.00	2.95		Pass
HT40	MCS0	1	46	5230	0.70	-1.56	11.00	2.95		Pass



**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band II										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	52	5260	18.90	43.20	23.76	29.76	23.98	
11a	6M bps	1	60	5300	18.70	41.65	23.72	29.72	23.98	
11a	6M bps	1	64	5320	18.65	41.90	23.71	29.71	23.98	
HT20	MCS 0	1	52	5260	19.80	44.25	23.97	29.97	23.98	
HT20	MCS 0	1	60	5300	19.55	45.50	23.91	29.91	23.98	
HT20	MCS 0	1	64	5320	19.75	45.40	23.96	29.96	23.98	
HT40	MCS 0	1	54	5270	37.70	90.00	23.98	30.00	23.98	
HT40	MCS 0	1	62	5310	38.70	93.06	23.98	30.00	23.98	

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band II										
Mod.	Data Rate	N <sub>TX</sub>	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	0.59	14.71	23.98	2.41	26.99	Pass
11a	6M bps	1	60	5300	0.59	14.88	23.98	2.41	26.99	Pass
11a	6M bps	1	64	5320	0.59	14.97	23.98	2.41	26.99	Pass
HT20	MCS 0	1	52	5260	0.63	14.78	23.98	2.41	26.99	Pass
HT20	MCS 0	1	60	5300	0.63	14.74	23.98	2.41	26.99	Pass
HT20	MCS 0	1	64	5320	0.63	15.12	23.98	2.41	26.99	Pass
HT40	MCS 0	1	54	5270	0.70	15.17	23.98	2.41	26.99	Pass
HT40	MCS 0	1	62	5310	0.70	14.52	23.98	2.41	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	0.59	2.28	11.00	2.41		Pass
11a	6M bps	1	60	5300	0.59	2.43	11.00	2.41		Pass
11a	6M bps	1	64	5320	0.59	2.87	11.00	2.41		Pass
HT20	MCS 0	1	52	5260	0.63	2.09	11.00	2.41		Pass
HT20	MCS 0	1	60	5300	0.63	2.13	11.00	2.41		Pass
HT20	MCS 0	1	64	5320	0.63	2.56	11.00	2.41		Pass
HT40	MCS 0	1	54	5270	0.70	-0.34	11.00	2.41		Pass
HT40	MCS 0	1	62	5310	0.70	-0.70	11.00	2.41		Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band III										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In UNII-2C (MHz)	26 dB Bandwidth In UNII-2C (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	6dB Bandwidth for Straddle Channel (MHz)
11a	6M bps	1	100	5500	18.30	40.25	23.62	29.62	23.98	----
11a	6M bps	1	116	5580	18.30	36.40	23.62	29.62	23.98	----
11a	6M bps	1	140	5700	18.10	23.70	23.58	29.58	23.98	----
HT20	MCS 0	1	100	5500	19.20	43.30	23.83	29.83	23.98	----
HT20	MCS 0	1	116	5580	19.15	42.50	23.82	29.82	23.98	----
HT20	MCS 0	1	140	5700	18.90	24.30	23.76	29.76	23.98	----
HT40	MCS 0	1	102	5510	36.90	79.74	23.98	30.00	23.98	----
HT40	MCS 0	1	110	5550	36.80	79.20	23.98	30.00	23.98	----
HT40	MCS 0	1	134	5670	36.80	75.42	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	0.59	14.05	23.98	3.04	26.99	Pass
11a	6M bps	1	116	5580	0.59	14.14	23.98	3.04	26.99	Pass
11a	6M bps	1	140	5700	0.59	13.85	23.98	3.04	26.99	Pass
HT20	MCS 0	1	100	5500	0.63	14.18	23.98	3.04	26.99	Pass
HT20	MCS 0	1	116	5580	0.63	13.94	23.98	3.04	26.99	Pass
HT20	MCS 0	1	140	5700	0.63	13.17	23.98	3.04	26.99	Pass
HT40	MCS 0	1	102	5510	0.70	14.24	23.98	3.04	26.99	Pass
HT40	MCS 0	1	110	5550	0.70	14.26	23.98	3.04	26.99	Pass
HT40	MCS 0	1	134	5670	0.70	14.28	23.98	3.04	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	0.59	1.81	11.00	3.04		Pass
11a	6M bps	1	116	5580	0.59	2.37	11.00	3.04		Pass
11a	6M bps	1	140	5700	0.59	2.08	11.00	3.04		Pass
HT20	MCS 0	1	100	5500	0.63	1.51	11.00	3.04		Pass
HT20	MCS 0	1	116	5580	0.63	1.37	11.00	3.04		Pass
HT20	MCS 0	1	140	5700	0.63	0.13	11.00	3.04		Pass
HT40	MCS 0	1	102	5510	0.70	-0.60	11.00	3.04		Pass
HT40	MCS 0	1	110	5550	0.70	-0.60	11.00	3.04		Pass
HT40	MCS 0	1	134	5670	0.70	-0.81	11.00	3.04		Pass



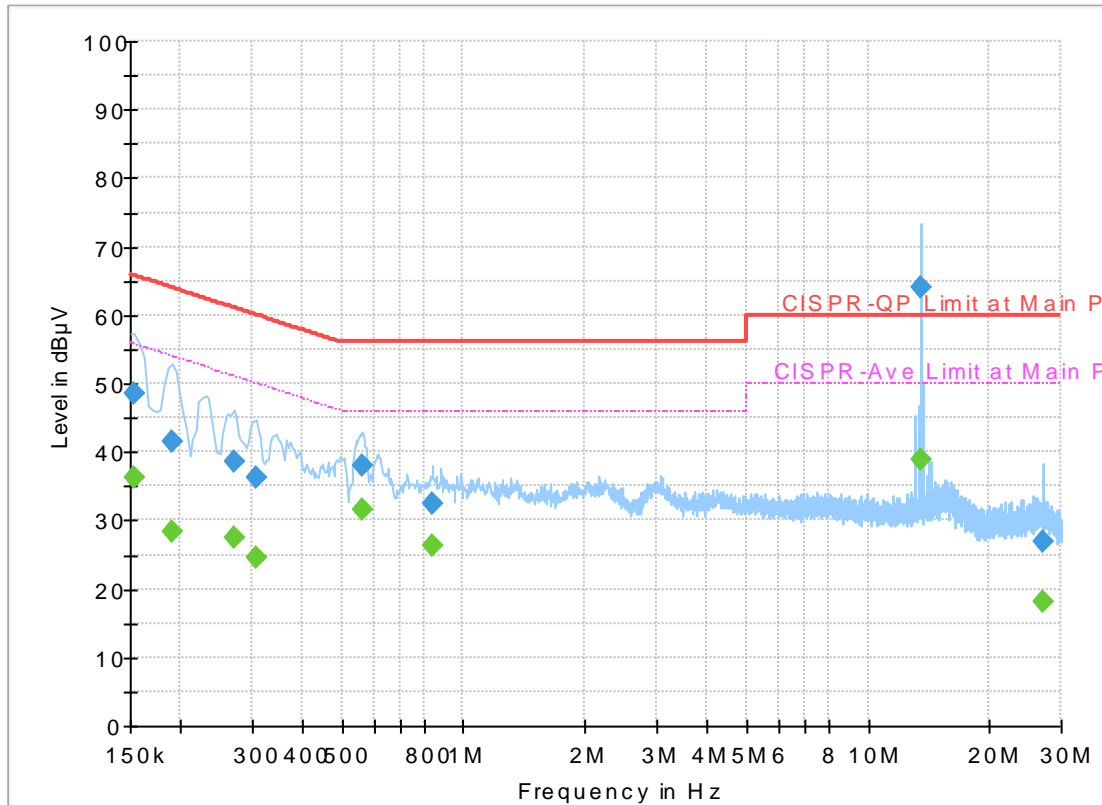
## **Appendix B. AC Conducted Emission Test Results**

<b>Test Engineer :</b>	Shareef Yu	<b>Temperature :</b>	23~24°C
		<b>Relative Humidity :</b>	58~62%

# EUT Information

Report NO : 722135-07  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line  
 Original Mode

Full Spectrum



## Final Result

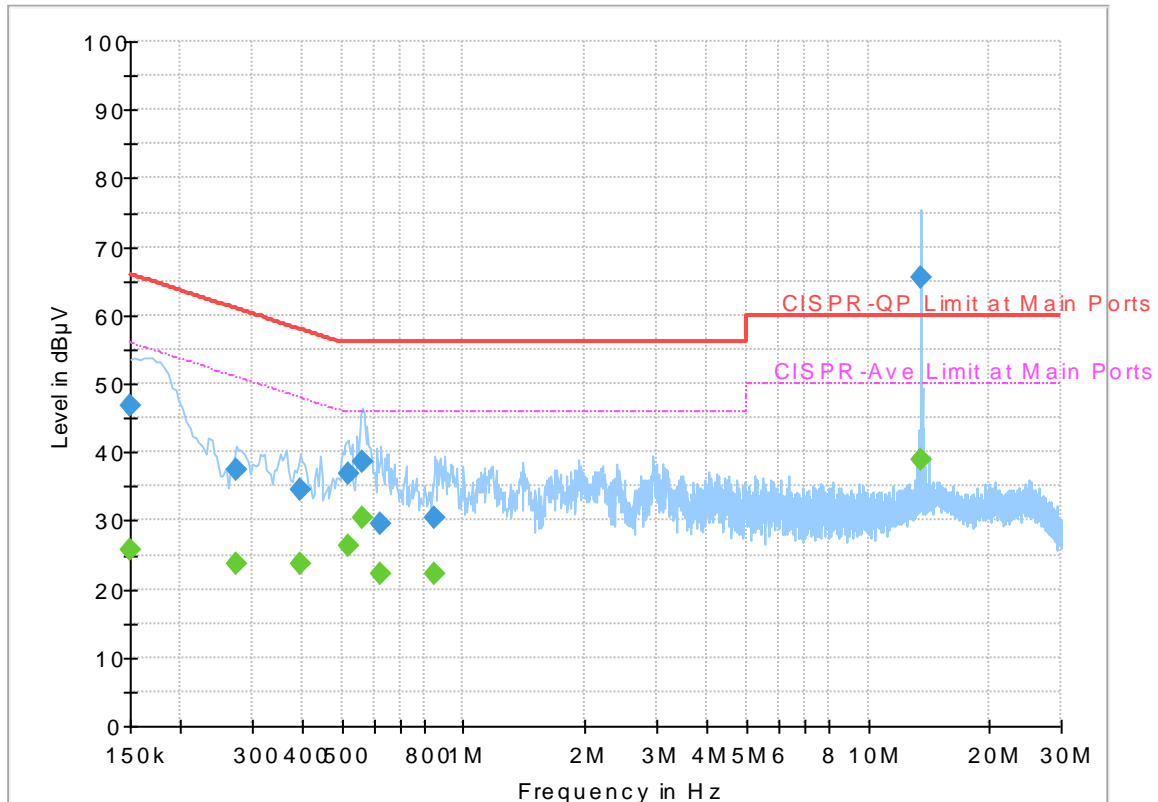
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154000	---	36.29	55.78	19.49	L1	OFF	19.5
0.154000	48.48	---	65.78	17.30	L1	OFF	19.5
0.190000	---	28.37	54.04	25.67	L1	OFF	19.5
0.190000	41.44	---	64.04	22.60	L1	OFF	19.5
0.270000	---	27.45	51.12	23.67	L1	OFF	19.5
0.270000	38.62	---	61.12	22.50	L1	OFF	19.5
0.306000	---	24.62	50.08	25.46	L1	OFF	19.5
0.306000	36.33	---	60.08	23.75	L1	OFF	19.5
0.562000	---	31.44	46.00	14.56	L1	OFF	19.5
0.562000	38.13	---	56.00	17.87	L1	OFF	19.5
0.838000	---	26.22	46.00	19.78	L1	OFF	19.5
0.838000	32.36	---	56.00	23.64	L1	OFF	19.5
13.560000	---	39.01	50.00	10.99	L1	OFF	19.7
13.560000	64.13	---	60.00	-4.13	L1	OFF	19.7
27.082000	---	18.25	50.00	31.75	L1	OFF	19.8
27.082000	26.91	---	60.00	33.09	L1	OFF	19.8



## EUT Information

Report NO : 722135-07  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Neutral  
 Original Mode

Full Spectrum



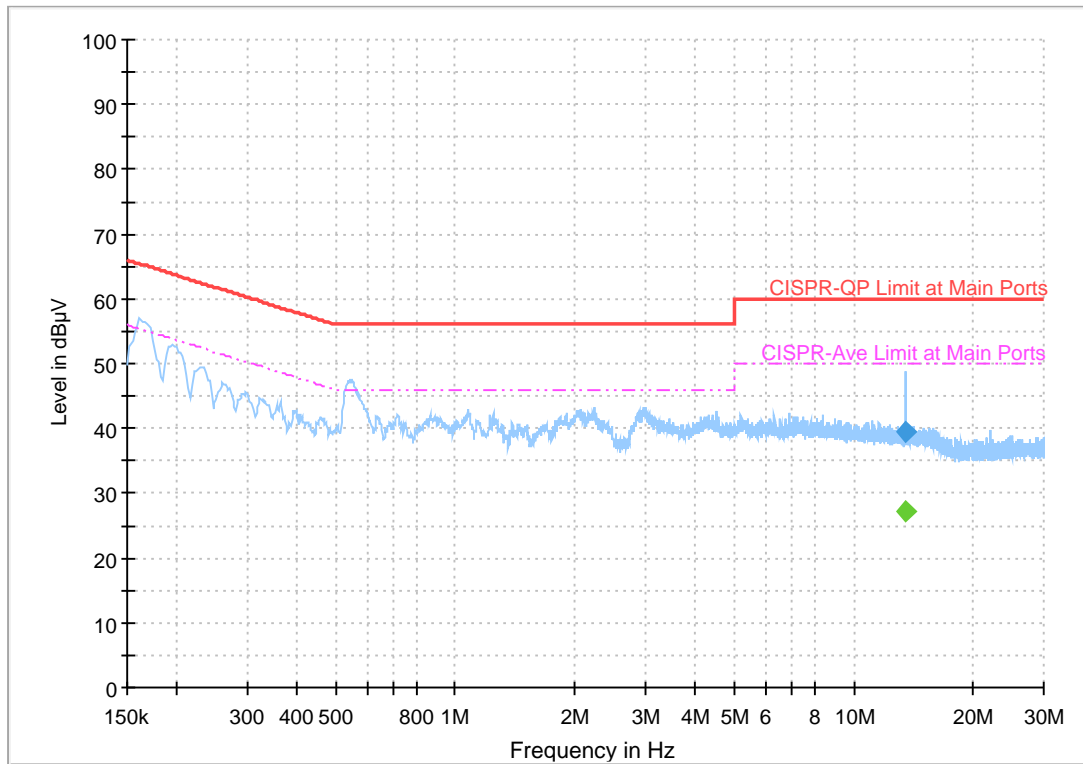
## Final\_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	25.67	56.00	30.33	N	OFF	19.5
0.150000	46.87	---	66.00	19.13	N	OFF	19.5
0.274000	---	23.83	51.00	27.17	N	OFF	19.5
0.274000	37.32	---	61.00	23.68	N	OFF	19.5
0.394000	---	23.59	47.98	24.39	N	OFF	19.5
0.394000	34.40	---	57.98	23.58	N	OFF	19.5
0.518000	---	26.31	46.00	19.69	N	OFF	19.5
0.518000	36.89	---	56.00	19.11	N	OFF	19.5
0.562000	---	30.27	46.00	15.73	N	OFF	19.5
0.562000	38.62	---	56.00	17.38	N	OFF	19.5
0.626000	---	22.21	46.00	23.79	N	OFF	19.5
0.626000	29.58	---	56.00	26.42	N	OFF	19.5
0.850000	---	22.34	46.00	23.66	N	OFF	19.5
0.850000	30.35	---	56.00	25.65	N	OFF	19.5
13.560000	---	39.00	50.00	11.00	N	OFF	19.8
13.560000	65.40	---	60.00	-5.40	N	OFF	19.8

## EUT Information

Report NO : 722135-07  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line  
 Terminal Mode

Full Spectrum



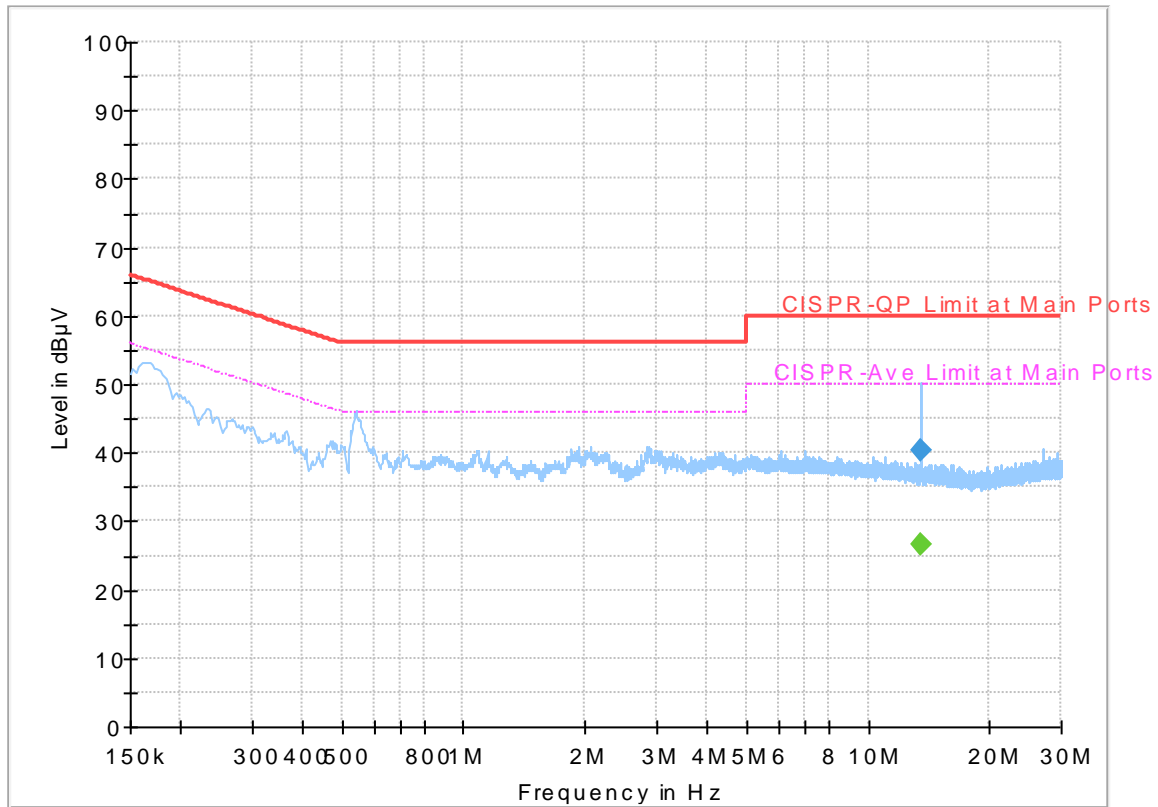
## Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	27.18	50.00	22.82	L1	OFF	19.7
13.560000	39.61	---	60.00	20.39	L1	OFF	19.7

# EUT Information

Report NO : 722135-07  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Neutral  
 Terminal Mode

Full Spectrum



## Final\_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	26.70	50.00	23.30	N	OFF	19.8
13.560000	40.43	---	60.00	19.57	N	OFF	19.8



### Appendix C. Radiated Spurious Emission

Test Engineer :	Nick Yu, Watt Tseng, and Karl Hou	Temperature :	21~24°C
		Relative Humidity :	59~62%

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		( MHz )	( dBµV/m )	( dB )	( dBµV/m )	( dBµV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11a CH 36 5180MHz		5149.76	59.77	-14.23	74	53.13	31.79	5.99	31.14	111	337	P	H	
		5127.66	44.59	-9.41	54	37.97	31.78	5.98	31.14	111	337	A	H	
	*	5180	108.83	-	-	102.14	31.81	6.02	31.14	111	337	P	H	
	*	5180	97.15	-	-	90.46	31.81	6.02	31.14	111	337	A	H	
													H	
														H
			5150	55.89	-18.11	74	49.25	31.79	5.99	31.14	234	109	P	V
			5127.92	40.56	-13.44	54	33.94	31.78	5.98	31.14	234	109	A	V
	*		5180	103.95	-	-	97.26	31.81	6.02	31.14	234	109	P	V
	*		5180	92.85	-	-	86.16	31.81	6.02	31.14	234	109	A	V
														V
														V
802.11a CH 44 5220MHz		5140.66	52.29	-21.71	74	45.66	31.79	5.98	31.14	142	337	P	H	
		5069.42	39.22	-14.78	54	32.69	31.74	5.93	31.14	142	337	A	H	
	*	5220	109.69	-	-	102.96	31.83	6.04	31.14	142	337	P	H	
	*	5220	98.02	-	-	91.29	31.83	6.04	31.14	142	337	A	H	
			5444.32	50.04	-23.96	74	43.04	31.96	6.19	31.15	142	337	P	H
			5407.64	39.12	-14.88	54	32.17	31.94	6.16	31.15	142	337	A	H
			5143.78	49.25	-24.75	74	42.61	31.79	5.99	31.14	252	159	P	V
			5128.7	37.62	-16.38	54	31	31.78	5.98	31.14	252	159	A	V
	*		5220	105.37	-	-	98.64	31.83	6.04	31.14	252	159	P	V
	*		5220	93.71	-	-	86.98	31.83	6.04	31.14	252	159	A	V
			5384.12	48.44	-25.56	74	41.51	31.93	6.15	31.15	252	159	P	V
			5406.8	37.67	-16.33	54	30.72	31.94	6.16	31.15	252	159	A	V



<b>802.11a CH 48 5240MHz</b>		5043.42	50.05	-23.95	74	43.54	31.73	5.92	31.14	129	340	P	H
		5148.72	39.04	-14.96	54	32.4	31.79	5.99	31.14	129	340	A	H
	*	5240	110.5	-	-	103.75	31.84	6.05	31.14	129	340	P	H
	*	5240	98.45	-	-	91.7	31.84	6.05	31.14	129	340	A	H
		5427.24	49.78	-24.22	74	42.8	31.95	6.18	31.15	129	340	P	H
		5455.24	39.06	-14.94	54	32.03	31.97	6.21	31.15	129	340	A	H
		5030.42	48.85	-25.15	74	42.37	31.72	5.9	31.14	253	91	P	V
		5142.48	37.72	-16.28	54	31.08	31.79	5.99	31.14	253	91	A	V
	*	5240	105.32	-	-	98.57	31.84	6.05	31.14	253	91	P	V
	*	5240	93.93	-	-	87.18	31.84	6.05	31.14	253	91	A	V
		5450.48	48.88	-25.12	74	41.85	31.97	6.21	31.15	253	91	P	V
		5448.52	38.32	-15.68	54	31.29	31.97	6.21	31.15	253	91	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11a (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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	49.55	-18.65	68.2	56.93	39.86	9.79	57.03	100	0	P	H
		15540	46.92	-27.08	74	52.64	38.53	12.23	56.48	100	0	P	H
													H
													H
		10360	51.8	-16.4	68.2	59.18	39.86	9.79	57.03	100	0	P	V
		15540	47.31	-26.69	74	53.03	38.53	12.23	56.48	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	49.19	-19.01	68.2	56.4	39.98	9.82	57.01	100	0	P	H
		15660	46.97	-27.03	74	52.81	38.29	12.28	56.41	100	0	P	H
													H
													H
		10440	52.8	-15.4	68.2	60.01	39.98	9.82	57.01	100	0	P	V
		15660	47.27	-26.73	74	53.11	38.29	12.28	56.41	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	50.05	-18.15	68.2	57.13	40.07	9.85	57	100	0	P	H
		15720	46.69	-27.31	74	52.61	38.15	12.3	56.37	100	0	P	H
													H
													H
		10480	54.39	-13.81	68.2	61.47	40.07	9.85	57	100	0	P	V
		15720	47.06	-26.94	74	52.98	38.15	12.3	56.37	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 36 5180MHz		5148.98	59.94	-14.06	74	53.3	31.79	5.99	31.14	100	243	P	H	
		5128.44	46.53	-7.47	54	39.91	31.78	5.98	31.14	100	243	A	H	
	*	5180	110.21	-	-	103.52	31.81	6.02	31.14	100	243	P	H	
	*	5180	98.2	-	-	91.51	31.81	6.02	31.14	100	243	A	H	
													H	
														H
			5147.68	52.97	-21.03	74	46.33	31.79	5.99	31.14	291	0	P	V
			5149.76	41.07	-12.93	54	34.43	31.79	5.99	31.14	291	0	A	V
		*	5180	104.68	-	-	97.99	31.81	6.02	31.14	291	0	P	V
		*	5180	92.79	-	-	86.1	31.81	6.02	31.14	291	0	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5146.12	50.85	-23.15	74	44.21	31.79	5.99	31.14	110	251	P	H	
		5119.34	38.97	-15.03	54	32.37	31.77	5.97	31.14	110	251	A	H	
	*	5220	110.61	-	-	103.88	31.83	6.04	31.14	110	251	P	H	
	*	5220	98.95	-	-	92.22	31.83	6.04	31.14	110	251	A	H	
			5431.16	50.73	-23.27	74	43.73	31.96	6.19	31.15	110	251	P	H
			5453.56	39.33	-14.67	54	32.3	31.97	6.21	31.15	110	251	A	H
			5067.86	48.75	-25.25	74	42.22	31.74	5.93	31.14	302	0	P	V
			5074.62	37.7	-16.3	54	31.15	31.75	5.94	31.14	302	0	A	V
		*	5220	105.11	-	-	98.38	31.83	6.04	31.14	302	0	P	V
		*	5220	93.47	-	-	86.74	31.83	6.04	31.14	302	0	A	V
		5430.6	48.89	-25.11	74	41.89	31.96	6.19	31.15	302	0	P	V	
		5431.72	38.03	-15.97	54	31.03	31.96	6.19	31.15	302	0	A	V	



<b>802.11n</b>  <b>HT20</b>  <b>CH 48</b>  <b>5240MHz</b>		5144.3	51.01	-22.99	74	44.37	31.79	5.99	31.14	111	252	P	H
		5148.98	39.52	-14.48	54	32.88	31.79	5.99	31.14	111	252	A	H
	*	5240	110.72	-	-	103.97	31.84	6.05	31.14	111	252	P	H
	*	5240	98.9	-	-	92.15	31.84	6.05	31.14	111	252	A	H
		5425.28	52.08	-21.92	74	45.1	31.95	6.18	31.15	111	252	P	H
		5451.88	39.36	-14.64	54	32.33	31.97	6.21	31.15	111	252	A	H
		5093.86	48.81	-25.19	74	42.24	31.76	5.95	31.14	253	0	P	V
		5147.16	37.67	-16.33	54	31.03	31.79	5.99	31.14	253	0	A	V
	*	5240	104.9	-	-	98.15	31.84	6.05	31.14	253	0	P	V
	*	5240	93.2	-	-	86.45	31.84	6.05	31.14	253	0	A	V
		5406.8	49.55	-24.45	74	42.6	31.94	6.16	31.15	253	0	P	V
		5451.6	38.22	-15.78	54	31.19	31.97	6.21	31.15	253	0	A	V
<b>Remark</b>	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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 36 5180MHz		10360	50.97	-17.23	68.2	58.35	39.86	9.79	57.03	100	0	P	H
		15540	46.23	-27.77	74	51.95	38.53	12.23	56.48	100	0	P	H
													H
													H
		10360	52.37	-15.83	68.2	59.75	39.86	9.79	57.03	100	0	P	V
		15540	46.63	-27.37	74	52.35	38.53	12.23	56.48	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	49.73	-18.47	68.2	56.94	39.98	9.82	57.01	100	0	P	H
		15660	46.73	-27.27	74	52.57	38.29	12.28	56.41	100	0	P	H
													H
													H
		10440	53.72	-14.48	68.2	60.93	39.98	9.82	57.01	100	0	P	V
		15660	47.84	-26.16	74	53.68	38.29	12.28	56.41	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10480	50.82	-17.38	68.2	57.9	40.07	9.85	57	100	0	P	H
		15720	45.44	-28.56	74	51.36	38.15	12.3	56.37	100	0	P	H
													H
													H
		10480	54.99	-13.21	68.2	62.07	40.07	9.85	57	100	0	P	V
		15720	46.11	-27.89	74	52.03	38.15	12.3	56.37	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 38 5190MHz		5149.76	70.26	-3.74	74	63.62	31.79	5.99	31.14	100	248	P	H
		5149.5	50.94	-3.06	54	44.3	31.79	5.99	31.14	100	248	A	H
	*	5190	105.44	-	-	98.75	31.81	6.02	31.14	100	248	P	H
	*	5190	94.29	-	-	87.6	31.81	6.02	31.14	100	248	A	H
		5419.68	50.52	-23.48	74	43.54	31.95	6.18	31.15	100	248	P	H
		5416.6	39.44	-14.56	54	32.46	31.95	6.18	31.15	100	248	A	H
		5146.64	61.63	-12.37	74	54.99	31.79	5.99	31.14	259	0	P	V
		5149.76	46.2	-7.8	54	39.56	31.79	5.99	31.14	259	0	A	V
	*	5190	99.23	-	-	92.54	31.81	6.02	31.14	259	0	P	V
	*	5190	89.11	-	-	82.42	31.81	6.02	31.14	259	0	A	V
		5454.96	49.13	-24.87	74	42.1	31.97	6.21	31.15	259	0	P	V
		5419.12	38.44	-15.56	54	31.46	31.95	6.18	31.15	259	0	A	V
802.11n HT40 CH 46 5230MHz		5143.52	51.96	-22.04	74	45.32	31.79	5.99	31.14	134	340	P	H
		5127.92	41.95	-12.05	54	35.33	31.78	5.98	31.14	134	340	A	H
	*	5230	107.51	-	-	100.77	31.84	6.04	31.14	134	340	P	H
	*	5230	95.99	-	-	89.25	31.84	6.04	31.14	134	340	A	H
		5418.28	51.99	-22.01	74	45.01	31.95	6.18	31.15	134	340	P	H
		5455.8	39.99	-14.01	54	32.96	31.97	6.21	31.15	134	340	A	H
		5146.38	49.31	-24.69	74	42.67	31.79	5.99	31.14	282	82	P	V
		5127.66	39.51	-14.49	54	32.89	31.78	5.98	31.14	282	82	A	V
	*	5230	102.26	-	-	95.52	31.84	6.04	31.14	282	82	P	V
	*	5230	91.86	-	-	85.12	31.84	6.04	31.14	282	82	A	V
	5401.76	49.48	-24.52	74	42.53	31.94	6.16	31.15	282	82	P	V	
	5457.2	38.5	-15.5	54	31.47	31.97	6.21	31.15	282	82	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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	49.77	-18.43	68.2	57.1	39.89	9.8	57.02	100	0	P	H
		15570	46.67	-27.33	74	52.43	38.46	12.24	56.46	100	0	P	H
													H
													H
		10380	50.87	-17.33	68.2	58.2	39.89	9.8	57.02	100	0	P	V
		15570	46.03	-27.97	74	51.79	38.46	12.24	56.46	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	48.93	-19.27	68.2	56.1	40.01	9.83	57.01	100	0	P	H
		15690	46.92	-27.08	74	52.81	38.22	12.28	56.39	100	0	P	H
													H
													H
		10460	53.64	-14.56	68.2	60.81	40.01	9.83	57.01	100	0	P	V
		15690	46.94	-27.06	74	52.83	38.22	12.28	56.39	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 52 5260MHz		5117.52	50.3	-23.7	74	43.7	31.77	5.97	31.14	154	341	P	H
		5051.22	38.64	-15.36	54	32.13	31.73	5.92	31.14	154	341	A	H
	*	5260	110.25	-	-	103.47	31.86	6.07	31.15	154	341	P	H
	*	5260	98.53	-	-	91.75	31.86	6.07	31.15	154	341	A	H
		5362.56	51.73	-22.27	74	44.82	31.92	6.14	31.15	154	341	P	H
		5360.88	40.82	-13.18	54	33.91	31.92	6.14	31.15	154	341	A	H
		5101.14	48.41	-25.59	74	41.84	31.76	5.95	31.14	250	97	P	V
		5051.22	37.52	-16.48	54	31.01	31.73	5.92	31.14	250	97	A	V
	*	5260	104.83	-	-	98.05	31.86	6.07	31.15	250	97	P	V
	*	5260	93.54	-	-	86.76	31.86	6.07	31.15	250	97	A	V
		5363.12	49.21	-24.79	74	42.3	31.92	6.14	31.15	250	97	P	V
		5352.2	38.01	-15.99	54	31.13	31.91	6.12	31.15	250	97	A	V
802.11a CH 60 5300MHz		5089.42	49.23	-24.77	74	42.66	31.76	5.95	31.14	105	250	P	H
		5053.38	39.07	-14.93	54	32.55	31.73	5.93	31.14	105	250	A	H
	*	5300	110.42	-	-	103.6	31.88	6.09	31.15	105	250	P	H
	*	5300	99.01	-	-	92.19	31.88	6.09	31.15	105	250	A	H
		5352.48	53.84	-20.16	74	46.96	31.91	6.12	31.15	105	250	P	H
		5352.24	45.82	-8.18	54	38.94	31.91	6.12	31.15	105	250	A	H
		5133.96	48.19	-25.81	74	41.57	31.78	5.98	31.14	367	244	P	V
		5149.94	37.48	-16.52	54	30.84	31.79	5.99	31.14	367	244	A	V
	*	5300	104.91	-	-	98.09	31.88	6.09	31.15	367	244	P	V
	*	5300	93.34	-	-	86.52	31.88	6.09	31.15	367	244	A	V
		5353.92	50.06	-23.94	74	43.18	31.91	6.12	31.15	367	244	P	V
		5352.24	39.73	-14.27	54	32.85	31.91	6.12	31.15	367	244	A	V



<b>802.11a</b>  <b>CH 64</b>  <b>5320MHz</b>	*	5320	110.62	-	-	103.78	31.89	6.1	31.15	113	251	P	H
	*	5320	98.97	-	-	92.13	31.89	6.1	31.15	113	251	A	H
		5354.24	59.94	-14.06	74	53.06	31.91	6.12	31.15	113	251	P	H
		5372.16	45.51	-8.49	54	38.6	31.92	6.14	31.15	113	251	A	H
													H
													H
	*	5320	104.25	-	-	97.41	31.89	6.1	31.15	364	245	P	V
	*	5320	92.7	-	-	85.86	31.89	6.1	31.15	364	245	A	V
		5350.88	51.56	-22.44	74	44.68	31.91	6.12	31.15	364	245	P	V
		5372.32	39.67	-14.33	54	32.76	31.92	6.14	31.15	364	245	A	V
													V
													V
<b>Remark</b>	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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.87	-19.33	68.2	55.88	40.11	9.87	56.99	100	0	P	H
		15780	46.37	-27.63	74	52.33	38.05	12.32	56.33	100	0	P	H
													H
													H
		10520	53.02	-15.18	68.2	60.03	40.11	9.87	56.99	100	0	P	V
		15780	47.06	-26.94	74	53.02	38.05	12.32	56.33	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	49.95	-24.05	74	56.79	40.18	9.9	56.92	100	0	P	H
		15900	45.88	-28.12	74	51.96	37.81	12.37	56.26	100	0	P	H
													H
													H
		10600	56.87	-17.13	74	63.71	40.18	9.9	56.92	276	247	P	V
		10600	51.98	-2.02	54	58.82	40.18	9.9	56.92	276	247	A	V
		15900	46.49	-27.51	74	52.57	37.81	12.37	56.26	100	0	P	V
													V
802.11a CH 64 5320MHz		10640	49.98	-24.02	74	56.75	40.21	9.91	56.89	100	0	P	H
		15960	45.29	-28.71	74	51.46	37.67	12.38	56.22	100	0	P	H
													H
													H
		10640	57.73	-16.27	74	64.5	40.21	9.91	56.89	279	247	P	V
		10640	51.94	-2.06	54	58.71	40.21	9.91	56.89	279	247	A	V
		15960	46	-28	74	52.17	37.67	12.38	56.22	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 52 5260MHz		5144.5	51.29	-22.71	74	44.65	31.79	5.99	31.14	100	251	P	H
		5050.32	39.31	-14.69	54	32.8	31.73	5.92	31.14	100	251	A	H
	*	5260	110.51	-	-	103.73	31.86	6.07	31.15	100	251	P	H
	*	5260	98.95	-	-	92.17	31.86	6.07	31.15	100	251	A	H
		5351.04	52.47	-21.53	74	45.59	31.91	6.12	31.15	100	251	P	H
		5351.04	41.5	-12.5	54	34.62	31.91	6.12	31.15	100	251	A	H
		5027.88	48.99	-25.01	74	42.51	31.72	5.9	31.14	267	0	P	V
		5117.64	37.56	-16.44	54	30.96	31.77	5.97	31.14	267	0	A	V
	*	5260	105.17	-	-	98.39	31.86	6.07	31.15	267	0	P	V
	*	5260	93.14	-	-	86.36	31.86	6.07	31.15	267	0	A	V
		5445.12	50.11	-23.89	74	43.11	31.96	6.19	31.15	267	0	P	V
		5360.64	38.55	-15.45	54	31.64	31.92	6.14	31.15	267	0	A	V
802.11n HT20 CH 60 5300MHz		5063.58	49.17	-24.83	74	42.64	31.74	5.93	31.14	111	251	P	H
		5079.22	39.02	-14.98	54	32.47	31.75	5.94	31.14	111	251	A	H
	*	5300	110	-	-	103.18	31.88	6.09	31.15	111	251	P	H
	*	5300	98.93	-	-	92.11	31.88	6.09	31.15	111	251	A	H
		5350.08	55.03	-18.97	74	48.15	31.91	6.12	31.15	111	251	P	H
		5351.76	45.99	-8.01	54	39.11	31.91	6.12	31.15	111	251	A	H
		5146.88	48.6	-25.4	74	41.96	31.79	5.99	31.14	365	245	P	V
		5132.94	37.23	-16.77	54	30.61	31.78	5.98	31.14	365	245	A	V
	*	5300	104.97	-	-	98.15	31.88	6.09	31.15	365	245	P	V
	*	5300	93.09	-	-	86.27	31.88	6.09	31.15	365	245	A	V
	5352	49.26	-24.74	74	42.38	31.91	6.12	31.15	365	245	P	V	
	5351.76	40.31	-13.69	54	33.43	31.91	6.12	31.15	365	245	A	V	



<b>802.11n</b>  <b>HT20</b>  <b>CH 64</b>  <b>5320MHz</b>	*	5320	110.2	-	-	103.36	31.89	6.1	31.15	102	250	P	H
	*	5320	99.03	-	-	92.19	31.89	6.1	31.15	102	250	A	H
		5351.52	60.64	-13.36	74	53.76	31.91	6.12	31.15	102	250	P	H
		5371.36	46.15	-7.85	54	39.24	31.92	6.14	31.15	102	250	A	H
													H
													H
	*	5320	104.03	-	-	97.19	31.89	6.1	31.15	363	246	P	V
	*	5320	92.54	-	-	85.7	31.89	6.1	31.15	363	246	A	V
		5351.68	50.78	-23.22	74	43.9	31.91	6.12	31.15	363	246	P	V
		5372.16	39.98	-14.02	54	33.07	31.92	6.14	31.15	363	246	A	V
													V
													V
<b>Remark</b>	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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 52 5260MHz		10520	49.09	-19.11	68.2	56.1	40.11	9.87	56.99	100	0	P	H	
		15780	46.27	-27.73	74	52.23	38.05	12.32	56.33	100	0	P	H	
													H	
													H	
			10520	54.01	-14.19	68.2	61.02	40.11	9.87	56.99	100	0	P	V
			15780	46.62	-27.38	74	52.58	38.05	12.32	56.33	100	0	P	V
														V
802.11n HT20 CH 60 5300MHz		10600	52.8	-21.2	74	59.64	40.18	9.9	56.92	369	318	P	H	
		10600	44.23	-9.77	54	51.07	40.18	9.9	56.92	369	318	A	H	
		15900	45.1	-28.9	74	51.18	37.81	12.37	56.26	100	0	P	H	
													H	
			10600	57	-17	74	63.84	40.18	9.9	56.92	310	157	P	V
			10600	51.91	-2.09	54	58.75	40.18	9.9	56.92	310	157	A	V
			15900	46.39	-27.61	74	52.47	37.81	12.37	56.26	100	0	P	V
802.11n HT20 CH 64 5320MHz		10640	53.61	-20.39	74	60.38	40.21	9.91	56.89	389	320	P	H	
		10640	44.9	-9.1	54	51.67	40.21	9.91	56.89	389	320	A	H	
		15960	45.76	-28.24	74	51.93	37.67	12.38	56.22	100	0	P	H	
													H	
			10640	57.36	-16.64	74	64.13	40.21	9.91	56.89	309	157	P	V
			10640	51.94	-2.06	54	58.71	40.21	9.91	56.89	309	157	A	V
			15960	46.4	-27.6	74	52.57	37.67	12.38	56.22	100	0	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 54 5270MHz		5065.62	49.61	-24.39	74	43.08	31.74	5.93	31.14	150	341	P	H
		5043.52	39.92	-14.08	54	33.41	31.73	5.92	31.14	150	341	A	H
	*	5270	108.78	-	-	101.99	31.86	6.08	31.15	150	341	P	H
	*	5270	97.67	-	-	90.88	31.86	6.08	31.15	150	341	A	H
		5354.4	54.93	-19.07	74	48.05	31.91	6.12	31.15	150	341	P	H
		5372.4	42.57	-11.43	54	35.66	31.92	6.14	31.15	150	341	A	H
		5042.84	48.68	-25.32	74	42.17	31.73	5.92	31.14	267	98	P	V
		5065.62	38.36	-15.64	54	31.83	31.74	5.93	31.14	267	98	A	V
	*	5270	104.43	-	-	97.64	31.86	6.08	31.15	267	98	P	V
	*	5270	92.75	-	-	85.96	31.86	6.08	31.15	267	98	A	V
		5359.68	49.42	-24.58	74	42.52	31.91	6.14	31.15	267	98	P	V
		5375.04	39.44	-14.56	54	32.53	31.92	6.14	31.15	267	98	A	V
802.11n HT40 CH 62 5310MHz		5124.1	49.03	-24.97	74	42.42	31.78	5.97	31.14	126	342	P	H
		5086.36	39.21	-14.79	54	32.66	31.75	5.94	31.14	126	342	A	H
	*	5310	106.83	-	-	99.99	31.89	6.1	31.15	126	342	P	H
	*	5310	95.94	-	-	89.1	31.89	6.1	31.15	126	342	A	H
		5350.08	68.21	-5.79	74	61.33	31.91	6.12	31.15	126	342	P	H
		5350.32	51.39	-2.61	54	44.51	31.91	6.12	31.15	126	342	A	H
		5083.3	49.1	-24.9	74	42.55	31.75	5.94	31.14	261	83	P	V
		5144.84	38.18	-15.82	54	31.54	31.79	5.99	31.14	261	83	A	V
	*	5310	101	-	-	94.16	31.89	6.1	31.15	261	83	P	V
	*	5310	90.2	-	-	83.36	31.89	6.1	31.15	261	83	A	V
	5353.44	64.98	-9.02	74	58.1	31.91	6.12	31.15	261	83	P	V	
	5350.8	45.18	-8.82	54	38.3	31.91	6.12	31.15	261	83	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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	48.51	-19.69	68.2	55.47	40.13	9.88	56.97	100	0	P	H
		15810	46.98	-27.02	74	52.97	37.98	12.34	56.31	100	0	P	H
													H
													H
		10540	52.64	-15.56	68.2	59.6	40.13	9.88	56.97	100	0	P	V
		15810	45.78	-28.22	74	51.77	37.98	12.34	56.31	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	52.28	-21.72	74	59.08	40.2	9.9	56.9	390	335	P	H
		10620	45.23	-8.77	54	52.03	40.2	9.9	56.9	390	335	A	H
		15930	46.35	-27.65	74	52.46	37.74	12.39	56.24	100	0	P	H
													H
		10620	57.09	-16.91	74	63.89	40.2	9.9	56.9	309	158	P	V
		10620	51.9	-2.1	54	58.7	40.2	9.9	56.9	309	158	A	V
		15930	46.39	-27.61	74	52.5	37.74	12.39	56.24	100	0	P	V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**

**Band 3 - 5470~5725MHz**

**WIFI 802.11a (Band Edge @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11a CH 100 5500MHz		5446.32	56.05	-17.95	74	49.04	31.97	6.19	31.15	105	253	P	H	
		5468.88	58.68	-9.52	68.2	51.62	31.98	6.23	31.15	105	253	P	H	
		5447.92	44.81	-9.19	54	37.8	31.97	6.19	31.15	105	253	A	H	
	*	5500	108.96	-	-	101.87	32	6.24	31.15	105	253	P	H	
	*	5500	97.92	-	-	90.83	32	6.24	31.15	105	253	A	H	
														H
			5447.6	50.73	-23.27	74	43.72	31.97	6.19	31.15	232	360	P	V
			5469.84	56.32	-11.88	68.2	49.26	31.98	6.23	31.15	232	360	P	V
			5447.6	41.1	-12.9	54	34.09	31.97	6.19	31.15	232	360	A	V
	*		5500	105.19	-	-	98.1	32	6.24	31.15	232	360	P	V
	*		5500	93.46	-	-	86.37	32	6.24	31.15	232	360	P	V
														V
802.11a CH 116 5580MHz		5417.92	50.32	-23.68	74	43.34	31.95	6.18	31.15	147	343	P	H	
		5460.88	49.12	-19.08	68.2	42.09	31.97	6.21	31.15	147	343	P	H	
		5431.36	38.98	-15.02	54	31.98	31.96	6.19	31.15	147	343	A	H	
	*	5580	110.71	-	-	103.49	32.1	6.32	31.2	147	343	P	H	
	*	5580	98.88	-	-	91.66	32.1	6.32	31.2	147	343	A	H	
			5727.83	50.06	-18.14	68.2	42.64	32.31	6.37	31.26	147	343	P	H
			5394.16	49.55	-24.45	74	42.61	31.93	6.16	31.15	254	96	P	V
			5468.8	48.24	-19.96	68.2	41.18	31.98	6.23	31.15	254	96	P	V
			5429.68	38.2	-15.8	54	31.21	31.96	6.18	31.15	254	96	A	V
	*		5580	106.99	-	-	99.77	32.1	6.32	31.2	254	96	P	V
	*		5580	95.36	-	-	88.14	32.1	6.32	31.2	254	96	A	V
			5745.785	49.86	-18.34	68.2	42.42	32.34	6.37	31.27	254	96	P	V



<b>802.11a CH 140 5700MHz</b>	*	5700	111.94	-	-	104.56	32.27	6.36	31.25	152	343	P	H
	*	5700	99.93	-	-	92.55	32.27	6.36	31.25	152	343	A	H
		5725.16	70.86	-3.14	74	63.44	32.31	6.37	31.26	152	343	P	H
		5725.08	49.64	-4.36	54	42.22	32.31	6.37	31.26	152	343	A	H
													H
													H
	*	5700	108.06	-	-	100.68	32.27	6.36	31.25	245	99	P	V
	*	5700	96.83	-	-	89.45	32.27	6.36	31.25	245	99	A	V
		5725.08	71.96	-2.04	74	64.54	32.31	6.37	31.26	245	99	P	V
		5725.56	47.72	-6.28	54	40.3	32.31	6.37	31.26	245	99	A	V
													V
													V
<b>Remark</b>	<ol style="list-style-type: none"> <li>1. No other spurious found.</li> <li>2. All results are PASS against Peak and Average limit line.</li> </ol>												



**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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	57.49	-16.51	74	63.51	40.5	10.08	56.6	398	326	P	H
		11000	46.3	-7.7	54	52.32	40.5	10.08	56.6	398	326	A	H
		16500	45.05	-23.15	68.2	48.66	39.6	12.49	55.7	100	0	P	H
													H
		11000	62.94	-11.06	74	68.96	40.5	10.08	56.6	290	141	P	V
		11000	50.81	-3.19	54	56.83	40.5	10.08	56.6	290	141	A	V
		16500	45.55	-22.65	68.2	49.16	39.6	12.49	55.7	100	0	P	V
802.11a CH 116 5580MHz		11160	58.51	-15.49	74	64.51	40.37	10.16	56.53	399	337	P	H
		11160	46.42	-7.58	54	52.42	40.37	10.16	56.53	399	337	A	H
		16740	46.31	-21.89	68.2	49.46	40.13	12.52	55.8	100	0	P	H
													H
		11160	65.48	-8.52	74	71.48	40.37	10.16	56.53	292	142	P	V
		11160	51.91	-2.09	54	57.91	40.37	10.16	56.53	292	142	A	V
		16740	47.13	-21.07	68.2	50.28	40.13	12.52	55.8	100	0	P	V
802.11a CH 140 5700MHz		11400	60.54	-13.46	74	66.51	40.18	10.29	56.44	394	356	P	H
		11400	46.17	-7.83	54	52.14	40.18	10.29	56.44	394	356	A	H
		17100	49.07	-24.93	74	51.43	41.06	12.64	56.06	100	0	P	H
													H
		11400	64.23	-9.77	74	70.2	40.18	10.29	56.44	303	159	P	V
		11400	50.27	-3.73	54	56.24	40.18	10.29	56.44	303	159	A	V
		17100	49.55	-24.45	74	51.91	41.06	12.64	56.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 100 5500MHz		5446.32	57.56	-16.44	74	50.55	31.97	6.19	31.15	113	254	P	H	
		5469.52	60.68	-7.52	68.2	53.62	31.98	6.23	31.15	113	254	P	H	
		5448.4	45.7	-8.3	54	38.67	31.97	6.21	31.15	113	254	A	H	
	*	5500	110.31	-	-	103.22	32	6.24	31.15	113	254	P	H	
	*	5500	98.42	-	-	91.33	32	6.24	31.15	113	254	A	H	
														H
			5447.28	51.78	-22.22	74	44.77	31.97	6.19	31.15	260	0	P	V
			5469.68	55.39	-12.81	68.2	48.33	31.98	6.23	31.15	260	0	P	V
			5448.4	42.21	-11.79	54	35.18	31.97	6.21	31.15	260	0	A	V
	*		5500	106.15	-	-	99.06	32	6.24	31.15	260	0	P	V
	*		5500	94.28	-	-	87.19	32	6.24	31.15	260	0	A	V
													V	
802.11n HT20 CH 116 5580MHz		5405.2	52.26	-21.74	74	45.31	31.94	6.16	31.15	113	253	P	H	
		5465.44	50.34	-17.86	68.2	43.3	31.98	6.21	31.15	113	253	P	H	
		5432.8	39.35	-14.65	54	32.35	31.96	6.19	31.15	113	253	A	H	
	*	5580	111.19	-	-	103.97	32.1	6.32	31.2	113	253	P	H	
	*	5580	99.75	-	-	92.53	32.1	6.32	31.2	113	253	A	H	
			5729.72	49.63	-18.57	68.2	42.21	32.31	6.37	31.26	113	253	P	H
			5440.48	49.2	-24.8	74	42.2	31.96	6.19	31.15	256	2	P	V
			5464.48	48.08	-20.12	68.2	41.04	31.98	6.21	31.15	256	2	P	V
			5442.4	38.13	-15.87	54	31.13	31.96	6.19	31.15	256	2	A	V
	*		5580	107.05	-	-	99.83	32.1	6.32	31.2	256	2	P	V
	*		5580	95.97	-	-	88.75	32.1	6.32	31.2	256	2	A	V
		5732.24	49.57	-18.63	68.2	42.16	32.31	6.37	31.27	256	2	P	V	



<b>802.11n</b> <b>HT20</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	110.55	-	-	103.17	32.27	6.36	31.25	125	256	P	H
	*	5700	98.85	-	-	91.47	32.27	6.36	31.25	125	256	A	H
		5729.16	66.62	-7.38	74	59.2	32.31	6.37	31.26	125	256	P	H
		5725	50.31	-3.69	54	42.89	32.31	6.37	31.26	125	256	A	H
													H
													H
	*	5700	106.63	-	-	99.25	32.27	6.36	31.25	239	8	P	V
	*	5700	95.24	-	-	87.86	32.27	6.36	31.25	239	8	A	V
		5725	62.06	-11.94	74	54.64	32.31	6.37	31.26	239	8	P	V
		5725	46.77	-7.23	54	39.35	32.31	6.37	31.26	239	8	A	V
													V
													V
<b>Remark</b>	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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 100 5500MHz		11000	56.5	-17.5	74	62.52	40.5	10.08	56.6	392	321	P	H	
		11000	44.86	-9.14	54	50.88	40.5	10.08	56.6	392	321	A	H	
		16500	45.93	-22.27	68.2	49.54	39.6	12.49	55.7	100	0	P	H	
													H	
			11000	62.11	-11.89	74	68.13	40.5	10.08	56.6	300	141	P	V
			11000	50.21	-3.79	54	56.23	40.5	10.08	56.6	300	141	A	V
			16500	45.77	-22.43	68.2	49.38	39.6	12.49	55.7	100	0	P	V
802.11n HT20 CH 116 5580MHz		11160	59.12	-14.88	74	65.12	40.37	10.16	56.53	391	326	P	H	
		11160	46.65	-7.35	54	52.65	40.37	10.16	56.53	391	326	A	H	
		16740	46.09	-22.11	68.2	49.24	40.13	12.52	55.8	100	0	P	H	
													H	
			11160	64.27	-9.73	74	70.27	40.37	10.16	56.53	300	143	P	V
			11160	51.17	-2.83	54	57.17	40.37	10.16	56.53	300	143	A	V
			16740	46.51	-21.69	68.2	49.66	40.13	12.52	55.8	100	0	P	V
802.11n HT20 CH 140 5700MHz		11400	57.08	-16.92	74	63.05	40.18	10.29	56.44	388	355	P	H	
		11400	44.61	-9.39	54	50.58	40.18	10.29	56.44	388	355	A	H	
		17100	47.44	-26.56	74	49.8	41.06	12.64	56.06	100	0	P	H	
													H	
			11400	60.58	-13.42	74	66.55	40.18	10.29	56.44	299	157	P	V
			11400	49.34	-4.66	54	55.31	40.18	10.29	56.44	299	157	A	V
			17100	48	-26	74	50.36	41.06	12.64	56.06	100	0	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 102 5510MHz		5469.28	67.65	-6.35	74	60.59	31.98	6.23	31.15	117	343	P	H
		5469.04	51.75	-2.25	54	44.69	31.98	6.23	31.15	117	343	A	H
	*	5510	108.08	-	-	100.98	32	6.26	31.16	117	343	P	H
	*	5510	96.4	-	-	89.3	32	6.26	31.16	117	343	A	H
		5737.595	49.12	-24.88	74	41.68	32.34	6.37	31.27	117	343	P	H
		5736.965	39.64	-14.36	54	32.2	32.34	6.37	31.27	117	343	A	H
		5469.04	63.06	-10.94	74	56	31.98	6.23	31.15	251	89	P	V
		5469.76	48.69	-5.31	54	41.63	31.98	6.23	31.15	251	89	A	V
	*	5510	104.24	-	-	97.14	32	6.26	31.16	251	89	P	V
	*	5510	92.84	-	-	85.74	32	6.26	31.16	251	89	A	V
		5735.075	49.37	-24.63	74	41.93	32.34	6.37	31.27	251	89	P	V
		5742.635	38.97	-15.03	54	31.53	32.34	6.37	31.27	251	89	A	V
802.11n HT40 CH 110 5550MHz		5445.52	52.73	-21.27	74	45.72	31.97	6.19	31.15	115	345	P	H
		5447.44	42.3	-11.7	54	35.29	31.97	6.19	31.15	115	345	A	H
	*	5550	108.19	-	-	101	32.07	6.29	31.17	115	345	P	H
	*	5550	96.37	-	-	89.18	32.07	6.29	31.17	115	345	A	H
		5735.705	49.73	-24.27	74	42.29	32.34	6.37	31.27	115	345	P	H
		5751.14	39.28	-14.72	54	31.84	32.34	6.37	31.27	115	345	A	H
		5467.36	49.95	-24.05	74	42.89	31.98	6.23	31.15	261	95	P	V
		5446.24	39.64	-14.36	54	32.63	31.97	6.19	31.15	261	95	A	V
	*	5550	104.38	-	-	97.19	32.07	6.29	31.17	261	95	P	V
	*	5550	92.63	-	-	85.44	32.07	6.29	31.17	261	95	A	V
		5731.61	48.59	-25.41	74	41.18	32.31	6.37	31.27	261	95	P	V
		5754.29	39.13	-14.87	54	31.67	32.36	6.37	31.27	261	95	A	V



<b>802.11n</b>  <b>HT40</b>  <b>CH 134</b>  <b>5670MHz</b>		5444.85	50.81	-23.19	74	43.81	31.96	6.19	31.15	102	346	P	H
		5465.5	40.72	-13.28	54	33.68	31.98	6.21	31.15	102	346	A	H
	*	5670	109.53	-	-	102.17	32.24	6.35	31.23	102	346	P	H
	*	5670	97.58	-	-	90.22	32.24	6.35	31.23	102	346	A	H
		5725	67.53	-6.47	74	60.11	32.31	6.37	31.26	102	346	P	H
		5725.625	49.13	-4.87	54	41.71	32.31	6.37	31.26	102	346	A	H
		5420.35	48.96	-25.04	74	41.98	31.95	6.18	31.15	251	98	P	V
		5462	39.13	-14.87	54	32.1	31.97	6.21	31.15	251	98	A	V
	*	5670	106.64	-	-	99.28	32.24	6.35	31.23	251	98	P	V
	*	5670	95.01	-	-	87.65	32.24	6.35	31.23	251	98	A	V
		5725	65.25	-8.75	74	57.83	32.31	6.37	31.26	251	98	P	V
		5725.1	46.64	-7.36	54	39.22	32.31	6.37	31.26	251	98	A	V
<b>Remark</b>	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 )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 102 5510MHz		11020	55.08	-18.92	74	61.08	40.49	10.1	56.59	389	324	P	H
		11020	45.47	-8.53	54	51.47	40.49	10.1	56.59	389	324	A	H
		16530	45.74	-28.26	74	49.28	39.68	12.49	55.71	100	0	P	H
													H
		11020	61.31	-12.69	74	67.31	40.49	10.1	56.59	293	142	P	V
		11020	50.71	-3.29	54	56.71	40.49	10.1	56.59	293	142	A	V
		16530	46.04	-27.96	74	49.58	39.68	12.49	55.71	100	0	P	V
802.11n HT40 CH 110 5550MHz		11100	56.81	-17.19	74	62.81	40.42	10.14	56.56	394	326	P	H
		11100	45.91	-8.09	54	51.91	40.42	10.14	56.56	394	326	A	H
		16650	46.02	-27.98	74	49.33	39.94	12.51	55.76	100	0	P	H
													H
		11100	62.2	-11.8	74	68.2	40.42	10.14	56.56	297	142	P	V
		11100	50.45	-3.55	54	56.45	40.42	10.14	56.56	297	142	A	V
		16650	46.38	-27.62	74	49.69	39.94	12.51	55.76	100	0	P	V
802.11n HT40 CH 134 5670MHz		11340	57.51	-16.49	74	63.49	40.23	10.26	56.47	389	340	P	H
		11340	47.14	-6.86	54	53.12	40.23	10.26	56.47	389	340	A	H
		17010	47.8	-26.2	74	50.41	40.76	12.56	55.93	400	0	P	H
													H
		11340	62.08	-11.92	74	68.06	40.23	10.26	56.47	301	159	P	V
		11340	50.8	-3.2	54	56.78	40.23	10.26	56.47	301	159	A	V
		17010	48.48	-25.52	74	51.09	40.76	12.56	55.93	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**

**Emission below 1GHz**

**WIFI 802.11a (LF @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11a LF		86.7	23.04	-16.96	40	40.55	13.99	0.8	32.3	100	0	P	H	
		149.34	22.94	-20.56	43.5	37.27	16.87	1.08	32.28	-	-	P	H	
		258.96	25.01	-20.99	46	36.11	19.66	1.43	32.19	-	-	P	H	
		507.2	28.35	-17.65	46	34.77	23.72	2.06	32.2	-	-	P	H	
		746.6	35.51	-10.49	46	37.31	27.78	2.51	32.09	-	-	P	H	
		977.6	33.56	-20.44	54	30.29	31.1	2.97	30.8	-	-	P	H	
														H
														H
														H
														H
														H
														H
			33.24	31.69	-8.31	40	40.78	22.77	0.48	32.34	-	-	P	V
			89.13	28.84	-14.66	43.5	45.88	14.45	0.81	32.3	-	-	P	V
			140.97	22.3	-21.2	43.5	36.41	17.17	1	32.28	-	-	P	V
			484.8	25.06	-20.94	46	31.76	23.51	1.98	32.19	-	-	P	V
			745.9	39.3	-6.7	46	41.11	27.77	2.51	32.09	100	0	P	V
			957.3	33.66	-12.34	46	30.75	30.97	2.93	30.99	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



**Note symbol**

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



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

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

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

**For Peak Limit @ 2390MHz:**

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

**For Average Limit @ 2390MHz:**

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

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



## Appendix D. Radiated Spurious Emission

Test Engineer :	Nick Yu, Watt Tseng, and Karl Hou	Temperature :	21~24°C
		Relative Humidity :	59~62%

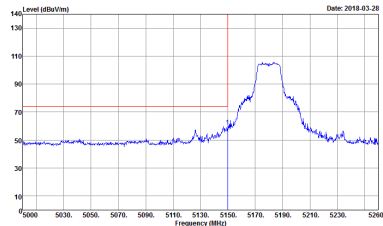
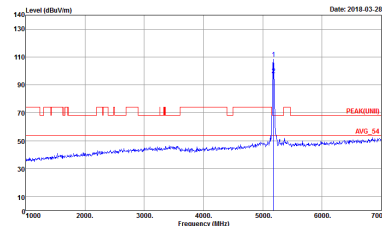
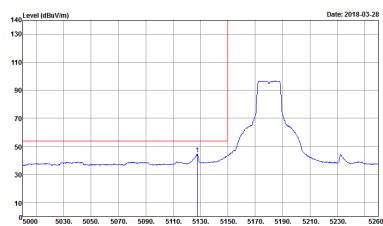
### Note symbol

-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
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 1            Setting : 14</p>	 <p>Site : 03CH2-HY            Condition : PEAK(FINE) 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 1            Setting : 14</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AV5_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 1            Setting : 14</p>	<p><b>Left blank</b></p>

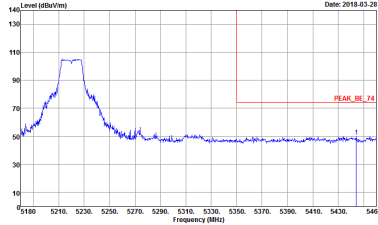
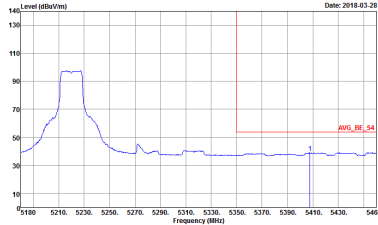


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 1            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 1            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:1.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 1            Setting : 14</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UMB) 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>	Left blank

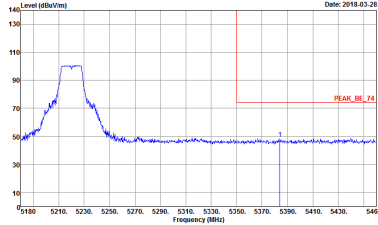
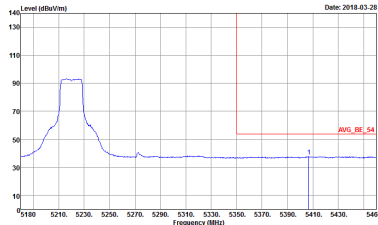


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHIZ-HY            Condition : PEAK_BE_74 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHIZ-HY            Condition : AVG_BE_54 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>	<p>Left blank</p>

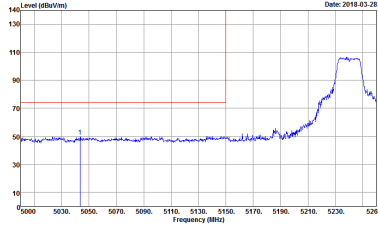
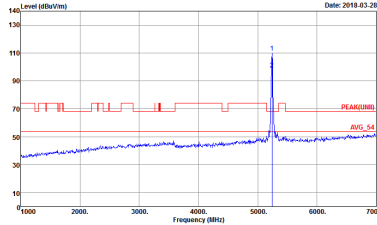
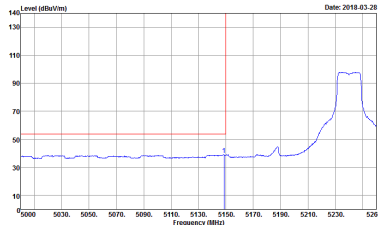


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(FUNDE) 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>	Left blank

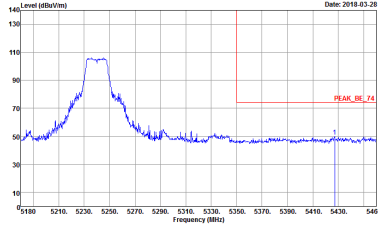
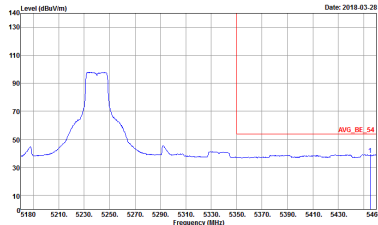


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 2            Setting : 14</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 3            Setting : 14</p>	 <p>Site : 03CH12-HY            Condition : PEAK(FUNDE) 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 3            Setting : 14</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 3            Setting : 14</p>	<p><b>Left blank</b></p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHIZ-HY            Condition : PEAK_BE_74 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 3            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHIZ-HY            Condition : AVG_BE_54 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 3            Setting : 14</p>	<p>Left blank</p>





WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 3            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UMB) 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 3            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 3            Setting : 14</p>	Left blank



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



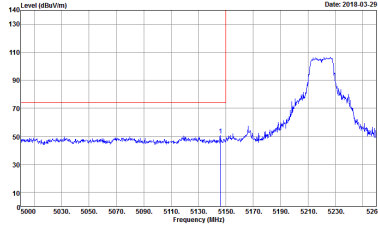
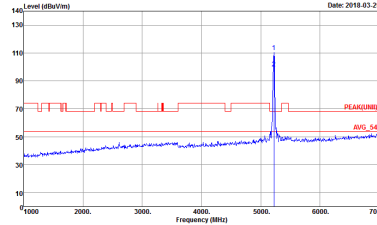
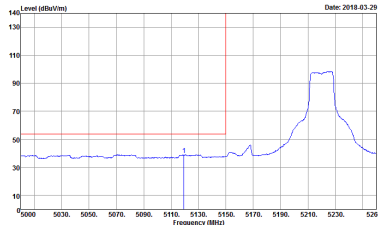
**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 10            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UN11) 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 10            Setting : 14</p>
<b>Avg.</b>	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000KHz VBW:1.000KHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 10            Setting : 14</p>	<b>Left blank</b>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 10            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 10            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 10            Setting : 14</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 11            Setting : 14</p>	 <p>Site : 03CH12-HY            Condition : PEAK(FUNDE) 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 11            Setting : 14</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 11            Setting : 14</p>	<p><b>Left blank</b></p>

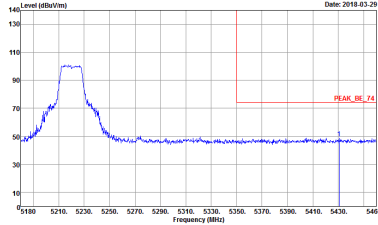
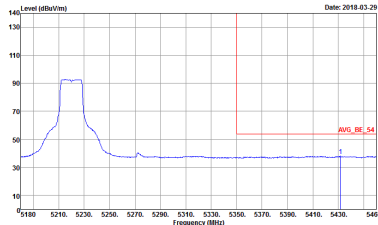


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH2Z-HY Condition : PEAK_BE_74 3m HORN_9120D_132R HORIZONTAL Detector : Peak Project : 722135-07 Mode : 11 Setting : 14</p>	Left blank
Avg.	<p>Site : 03CH2Z-HY Condition : AVG_BE_54 3m HORN_9120D_132R HORIZONTAL Detector : Peak Project : 722135-07 Mode : 11 Setting : 14</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 11            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UMB) 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 11            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 11            Setting : 14</p>	Left blank



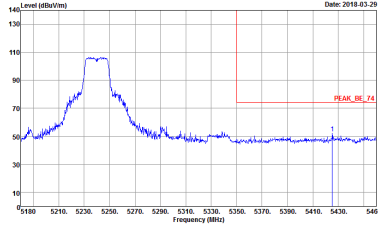
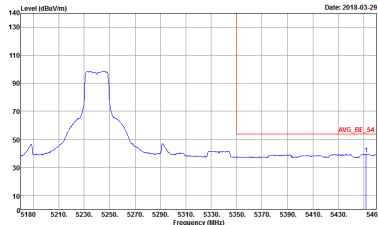
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 11            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 11            Setting : 14</p>	<p>Left blank</p>





WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 12            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UMB) 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 12            Setting : 14</p>
<p><b>Avg.</b></p>	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 12            Setting : 14</p>	<p><b>Left blank</b></p>

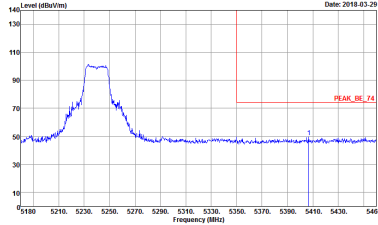
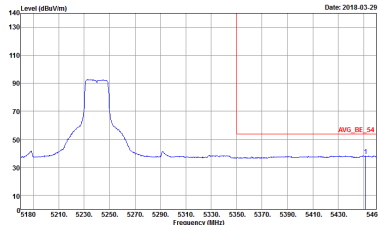


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH22-HY            Condition : PEAK_BE_74 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 12            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH22-HY            Condition : AVG_BE_54 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 12            Setting : 14</p>	<p>Left blank</p>



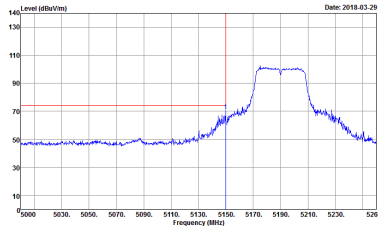
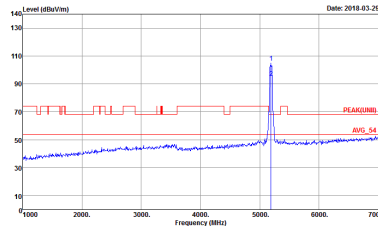
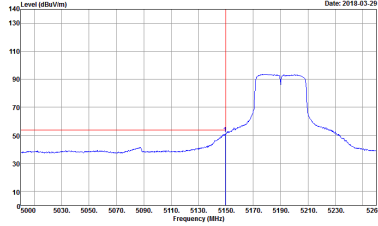
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 12 Setting : 14</p>	<p>Site : 03CH12-HY Condition : PEAK(FUNDE) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 12 Setting : 14</p>
Avg.	<p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 12 Setting : 14</p>	Left blank



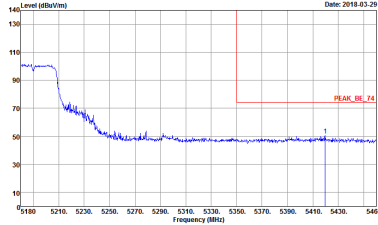
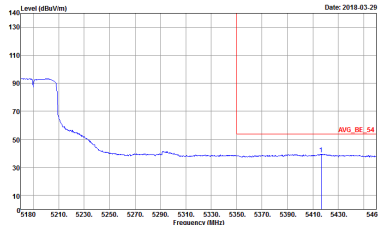
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 12            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 12            Setting : 14</p>	<p>Left blank</p>



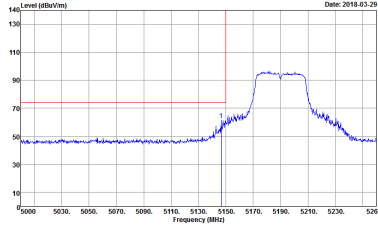
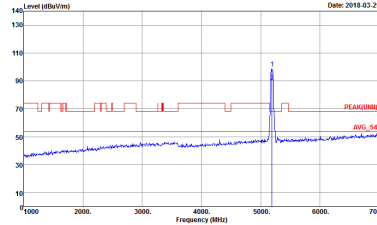
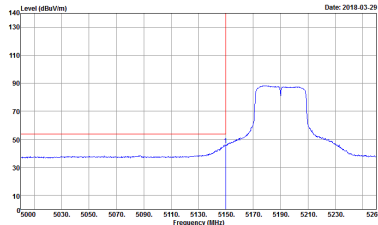
**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 19            Setting : 11.5</p>	 <p>Site : 03CH12-HY            Condition : PEAK(UN11) 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 19            Setting : 11.5</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 19            Setting : 11.5</p>	<p><b>Left blank</b></p>

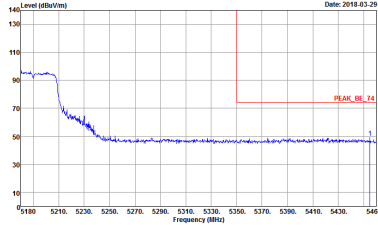
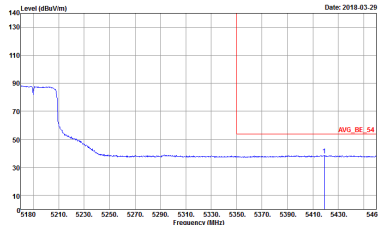


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH2-HY  Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL  RBW:3000.000kHz VBW:3000.000kHz SWT:Auto  Detector : Peak  Project : 722135-07  Mode : 19  Setting : 11.5</p>	Left blank
Avg.	 <p>Site : 03CH2-HY  Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL  RBW:3000.000kHz VBW:3.000kHz SWT:Auto  Detector : Peak  Project : 722135-07  Mode : 19  Setting : 11.5</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 19            Setting : 11.5</p>	 <p>Site : 03CH12-HY            Condition : PEAK(FUND) 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 19            Setting : 11.5</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 19            Setting : 11.5</p>	<p><b>Left blank</b></p>



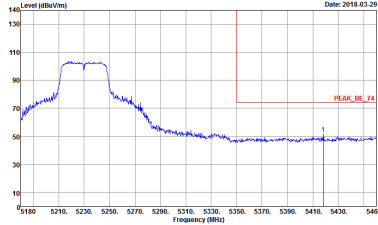
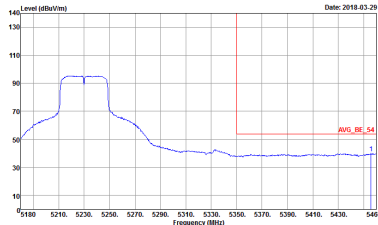
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 19            Setting : 11.5</p>	Left blank
Avg.	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 19            Setting : 11.5</p>	Left blank





WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UMB) 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>	Left blank

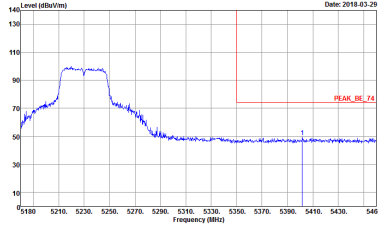
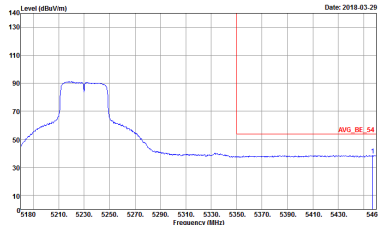


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHIZ-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHIZ-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UMB) 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            RBW:3000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 20            Setting : 14</p>	<p>Left blank</p>



**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.	<p>Site : 03CH12-HY            Condition : PEAK(LINE) 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 1            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(LINE) 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 1            Setting : 14</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 09CH12-4Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : -2 Setting : 14</p>	<p>Site : 09CH12-4Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : -2 Setting : 14</p>



<b>WIFI</b>	<b>Band 1 5150~5250MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11a CH48 5240MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 09SCH12-4Y Condition : PEAK[LINE1] 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : -3 Setting : 14</p>	<p>Site : 09SCH12-4Y Condition : PEAK[LINE1] 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : -3 Setting : 14</p>

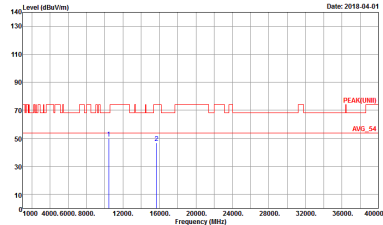
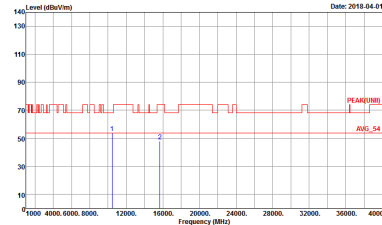


Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) and associated test parameters like Site, Condition, Detector, Project, and Mode.





WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 09CH12-4Y Condition : PEAK(LINE1) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 11</p>	 <p>Site : 09CH12-4Y Condition : PEAK(LINE1) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 11</p>



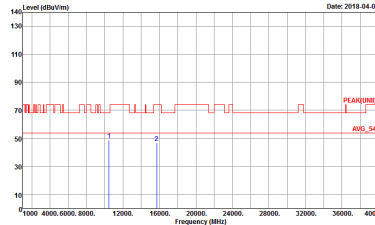
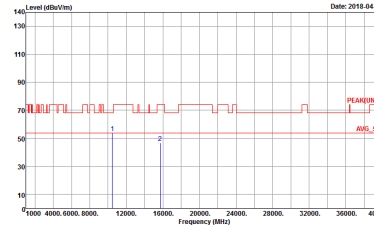
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH12-4Y Condition : PEAK(LINE1) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 1E</p>	<p>Site : 03CH12-4Y Condition : PEAK(LINE1) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 1E</p>



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

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) and associated test parameters like Site, Condition, Detector, Project, and Mode.



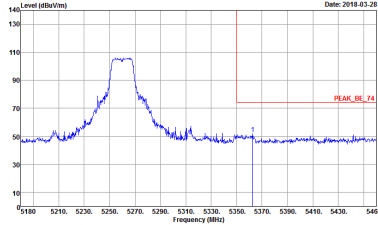
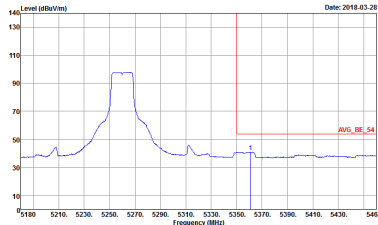
<b>WIFI</b>	<b>Band 1 5150~5250MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT40 CH46 5230MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<p><b>Peak</b> <b>Avg.</b></p>	 <p>Site : 03CH12-4Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 20</p>	 <p>Site : 03CH12-4Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 20</p>



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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 4 Setting : 14</p>	<p>Site : 03CH12-HY Condition : PEAK(UM)E 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 4 Setting : 14</p>
<p><b>Avg.</b></p>	<p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 4 Setting : 14</p>	<p><b>Left blank</b></p>

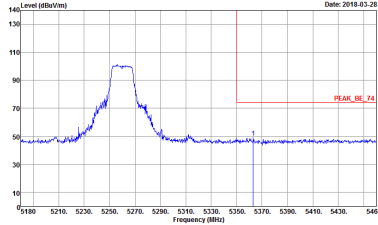
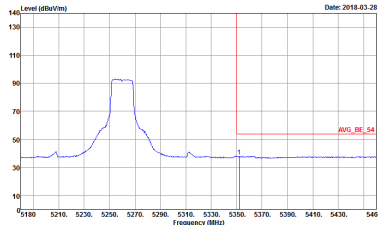


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH22-HY  Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL  Detector : Peak  Project : 722135-07  Mode : 4  Setting : 14</p>	Left blank
Avg.	 <p>Site : 03CH22-HY  Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL  Detector : Peak  Project : 722135-07  Mode : 4  Setting : 14</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 4            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UMB) 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 4            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 4            Setting : 14</p>	Left blank



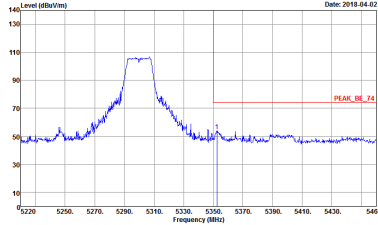
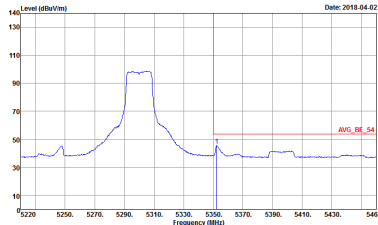
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH22-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 4            Setting : 14</p>	Left blank
Avg.	 <p>Site : 03CH22-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 4            Setting : 14</p>	Left blank





WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 5            Setting : 13.5</p>	<p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 5            Setting : 13.5</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 5            Setting : 13.5</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH2-HY  Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL  RBW:10000000Hz VBW:3000.000Hz SWT:Auto  Detector : Peak  Project : 722135-07  Mode : 5  Setting : 13.5</p>	Left blank
Avg.	 <p>Site : 03CH2-HY  Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL  RBW:10000000Hz VBW:1.0000Hz SWT:Auto  Detector : Peak  Project : 722135-07  Mode : 5  Setting : 13.5</p>	Left blank

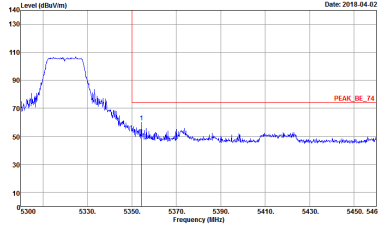
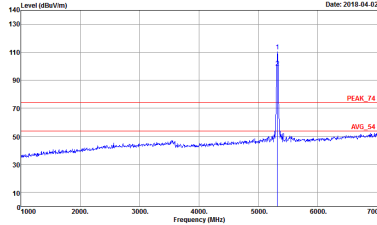
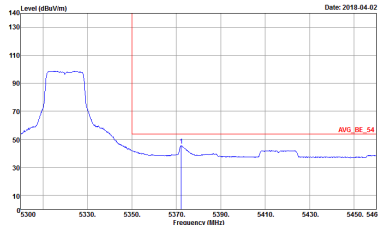


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 5            Setting : 13.5</p>	<p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 5            Setting : 13.5</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 5            Setting : 13.5</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 6            Setting : 13.5</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 6            Setting : 13.5</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 6            Setting : 13.5</p>	<p><b>Left blank</b></p>



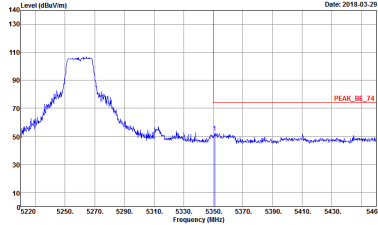
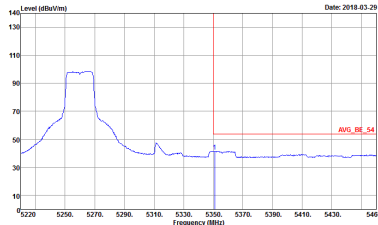
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 6            Setting : 13.5</p>	<p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 6            Setting : 13.5</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 6            Setting : 13.5</p>	Left blank



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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 13 Setting : 14</p>	<p>Site : 03CH12-HY Condition : PEAK(UN11) 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 13 Setting : 14</p>
<b>Avg.</b>	<p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 13 Setting : 14</p>	<b>Left blank</b>



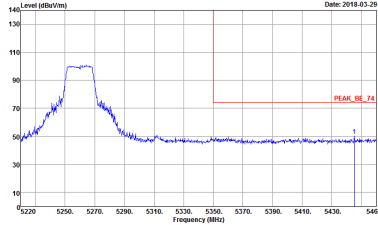
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 13            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 13            Setting : 14</p>	<p>Left blank</p>





WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 13            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UMB) 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 13            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 13            Setting : 14</p>	Left blank

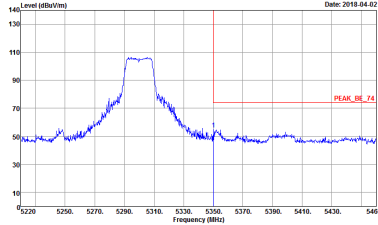
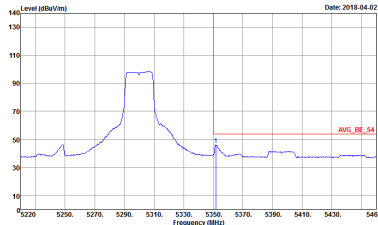


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 13            Setting : 14</p>	Left blank
Avg.	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 13            Setting : 14</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 14            Setting : 13.5</p>	<p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 14            Setting : 13.5</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 14            Setting : 13.5</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 14            Setting : 13.5</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 14            Setting : 13.5</p>	<p>Left blank</p>

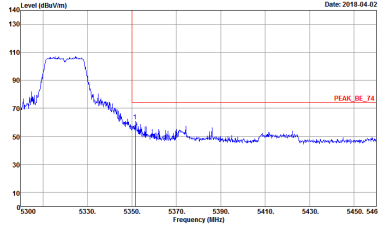
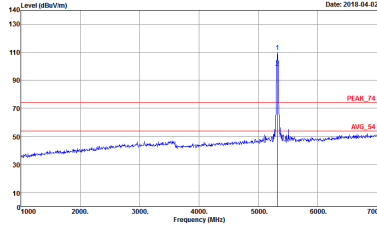
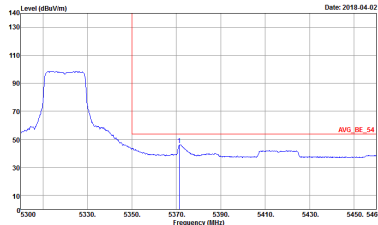


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 14            Setting : 13.5</p>	<p>Site : 03CH2-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 14            Setting : 13.5</p>
Avg.	<p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 14            Setting : 13.5</p>	Left blank

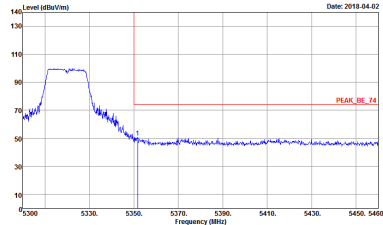
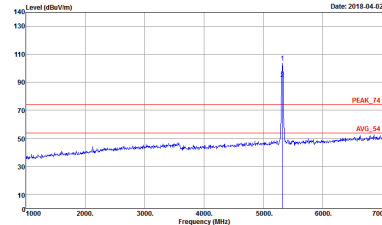
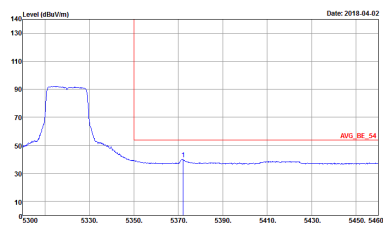


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH2-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 14 Setting : 13.5</p>	Left blank
Avg.	<p>Site : 03CH2-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 14 Setting : 13.5</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 15            Setting : 13.5</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 15            Setting : 13.5</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 15            Setting : 13.5</p>	<p><b>Left blank</b></p>

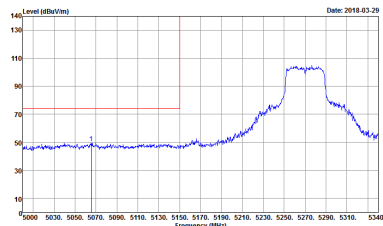
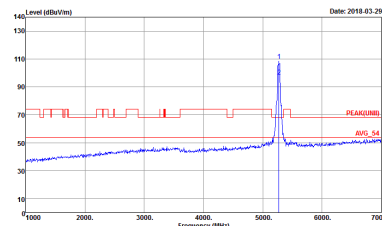
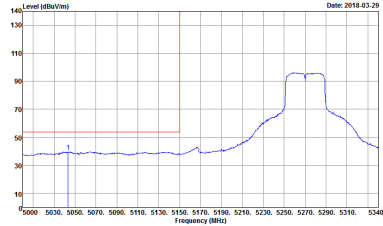


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 15            Setting : 13.5</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 15            Setting : 13.5</p>
Avg.	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 15            Setting : 13.5</p>	Left blank





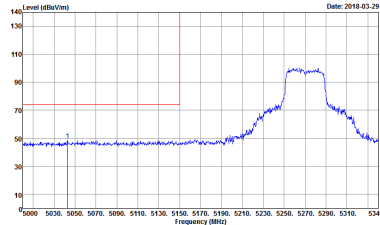
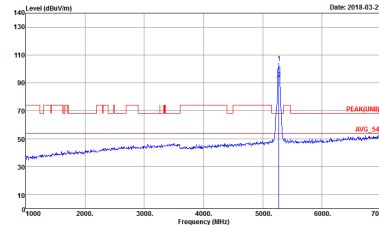
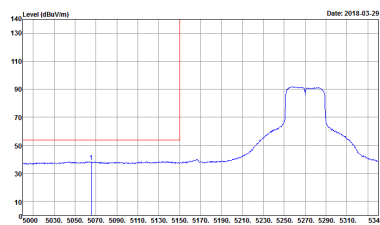
**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 21            Setting : 14</p>	 <p>Site : 03CH12-HY            Condition : PEAK(UN11) 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 21            Setting : 14</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL            RBW:1000.000kHz VBW:3.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 21            Setting : 14</p>	<p><b>Left blank</b></p>

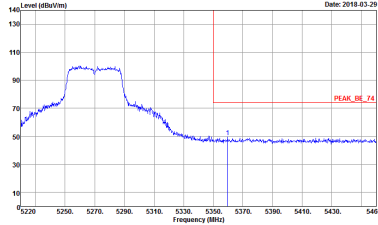
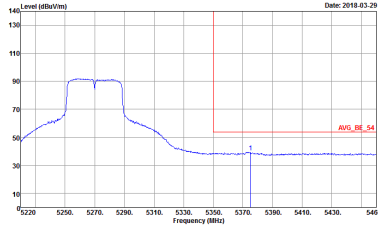


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH2-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 21 Setting : 14</p>	Left blank
Avg.	<p>Site : 03CH2-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 21 Setting : 14</p>	Left blank

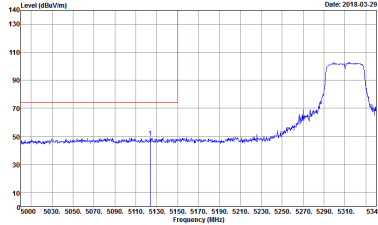
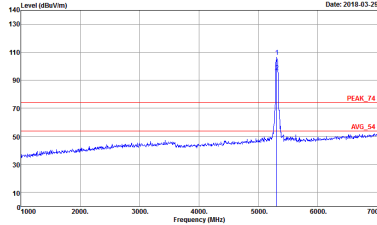
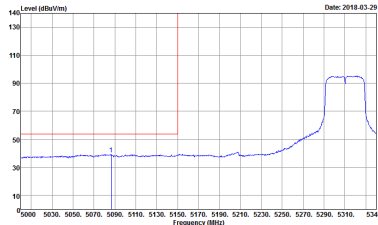


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 21            Setting : 14</p>	 <p>Site : 03CH12-HY            Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 21            Setting : 14</p>
Avg.	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 21            Setting : 14</p>	Left blank

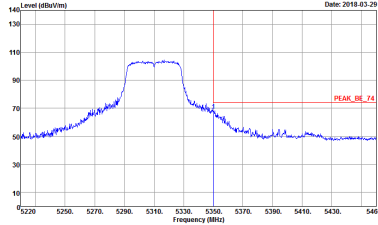
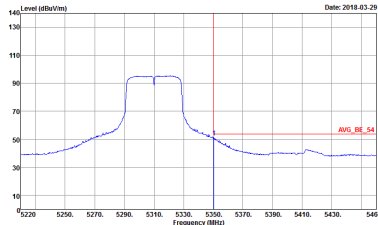


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 21            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 21            Setting : 14</p>	<p>Left blank</p>

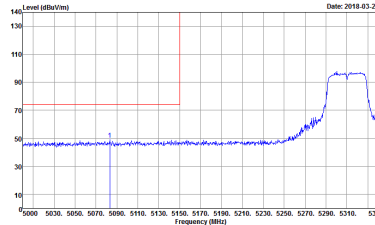
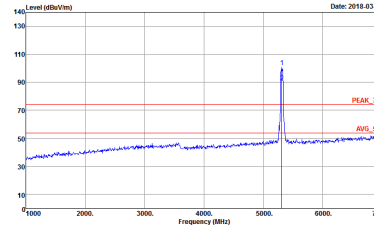
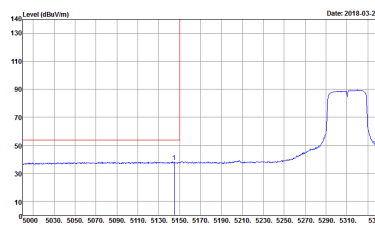


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>
Avg.	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>	Left blank

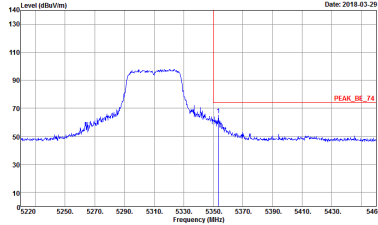
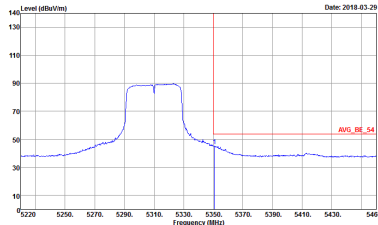


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHIZ-HY            Condition : PEAK_BE_74 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHIZ-HY            Condition : AVG_BE_54 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>	<p><b>Left blank</b></p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 22            Setting : 12</p>	<p>Left blank</p>

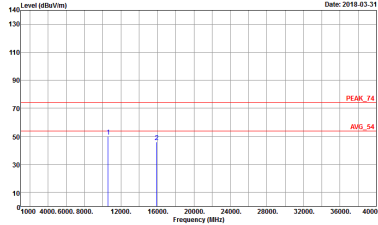
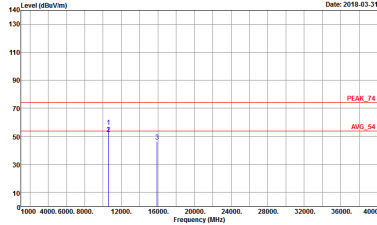




Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) for Peak and Avg. measurements. Includes metadata like Site, Condition, Detector, Project, Mode, and Setting.



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
<p><b>Peak</b> <b>Avg.</b></p>	 <p>Site : 03CH12-44Y          Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL          Detector : Peak          Project : 722135-07          Mode : S          Setting : 13.5</p>	 <p>Site : 03CH12-44Y          Condition : PEAK_74 3m HORN_91200_1328 VERTICAL          Detector : Peak          Project : 722135-07          Mode : S          Setting : 13.5</p>



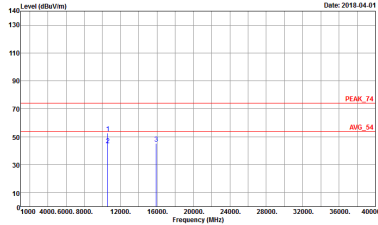
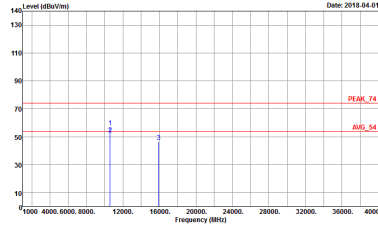
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : -6 Setting : 13.5</p>	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : -6 Setting : 13.5</p>



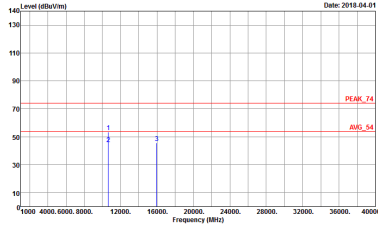
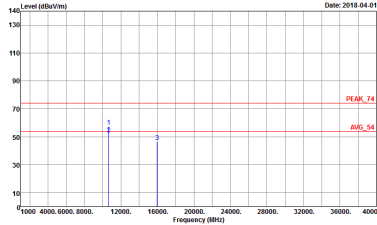
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) and associated test parameters like Site, Condition, Detector, Project, and Mode.



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 14 Setting : 13.5</p>	 <p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 14 Setting : 13.5</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 15 Setting : 13.5</p>	 <p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 15 Setting : 13.5</p>



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

<b>WIFI</b>	<b>Band 2 5250~5350MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT40 CH54 5270</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 21</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 21</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 2E</p>	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 2E</p>





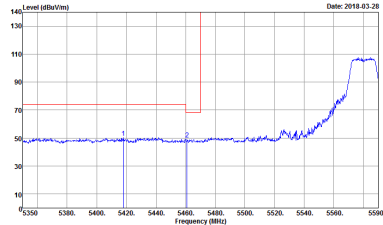
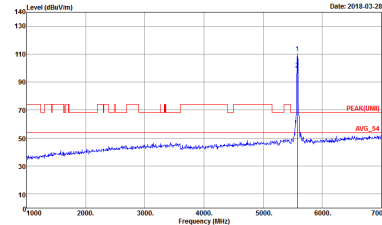
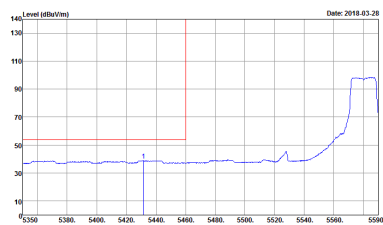
**Band 3 - 5470~5725MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH12-HY Condition : PEAK_BE[UNIT]_B3 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 7</p>	<p>Site : 03CH12-HY Condition : PEAK[UNIT] 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 7</p>
<b>Avg.</b>	<p>Site : 03CH12-HY Condition : AVG_BE[UNIT]_B3 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 7</p>	<b>Left blank</b>

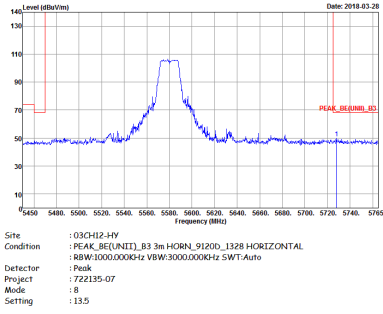


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH2-1HY            Condition : PEAK_BE(UNIT1)_83 3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 7</p>	<p>Site : 03CH2-1HY            Condition : PEAK(UNIT1) 3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 7</p>
Avg.	<p>Site : 03CH2-1HY            Condition : AVG_BE(UNIT1)_83 3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:1.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 7</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE(UNIT1)_B3 3m HORN_9120D_1328 HORIZONTAL            RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : B            Setting : 13.5</p>	 <p>Site : 03CH12-HY            Condition : PEAK(UNIT1) 3m HORN_9120D_1328 HORIZONTAL            RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : B            Setting : 13.5</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE(UNIT1)_B3 3m HORN_9120D_1328 HORIZONTAL            RBW:1000.0000kHz VBW:1.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : B            Setting : 13.5</p>	<p><b>Left blank</b></p>



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

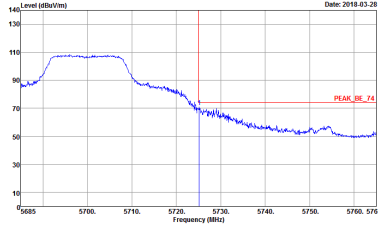
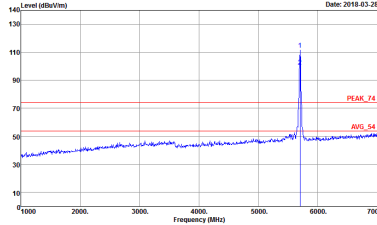
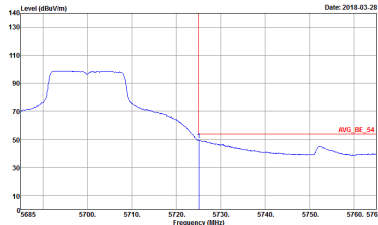


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH2-HY            Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : B            Setting : 13.5</p>	<p>Site : 03CH2-HY            Condition : PEAK(UNIT)_3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : B            Setting : 13.5</p>
Avg.	<p>Site : 03CH2-HY            Condition : AVG_BE(UNIT)_B3 3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:1.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : B            Setting : 13.5</p>	Left blank

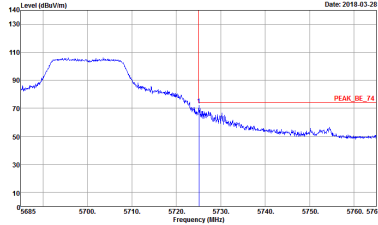
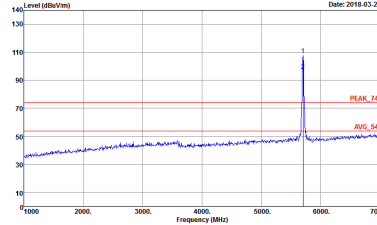
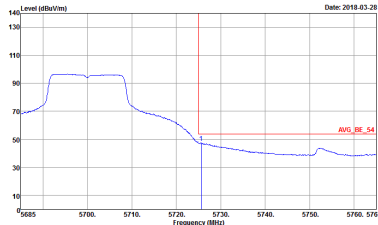


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CHZ-14V Condition : PEAK_REFUNIT1_83 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 8 Setting : 13.5</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 9            Setting : 13.5</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 9            Setting : 13.5</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 9            Setting : 13.5</p>	<p><b>Left blank</b></p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 9            Setting : 13.5</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 9            Setting : 13.5</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 9            Setting : 13.5</p>	<p><b>Left blank</b></p>





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

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH12-HY Condition : PEAK_BE(UNITE)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 16 Setting : 14</p>	<p>Site : 03CH12-HY Condition : PEAK(UNITE) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 16 Setting : 14</p>
<b>Avg.</b>	<p>Site : 03CH12-HY Condition : AVG_BE(UNITE)_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 16 Setting : 14</p>	<b>Left blank</b>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH2-14Y            Condition : PEAK_BE(UNIT)_83 3m HORN_9120D_1328 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 16            Setting : 14</p>	<p>Site : 03CH2-14Y            Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 16            Setting : 14</p>
Avg.	<p>Site : 03CH2-14Y            Condition : AVG_BE(UNIT)_83 3m HORN_9120D_1328 VERTICAL            RBW:1000.000KHz VBW:1.000KHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 16            Setting : 14</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE(UNIT1)_B3 3m HORN_9120D_1328 HORIZONTAL            RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 17            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UNIT1) 3m HORN_9120D_1328 HORIZONTAL            RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 17            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE(UNIT1)_B3 3m HORN_9120D_1328 HORIZONTAL            RBW:1000.0000kHz VBW:1.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 17            Setting : 14</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : :03CHZ-14V Condition : :PEAK_REFUNITE1_B3 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto Detector : :Peak Project : :722135-07 Mode : :17 Setting : :14</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH12-HY            Condition : PEAK_BE(UNIT1)_B3 3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 17            Setting : 14</p>	<p>Site : 03CH12-HY            Condition : PEAK(UNIT1)_3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:3000.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 17            Setting : 14</p>
Avg.	<p>Site : 03CH12-HY            Condition : AVG_BE(UNIT1)_B3 3m HORN_9120D_1328 VERTICAL            RBW:1000.000kHz VBW:1.000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 17            Setting : 14</p>	Left blank

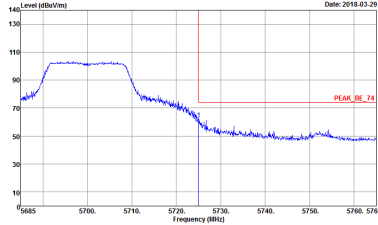
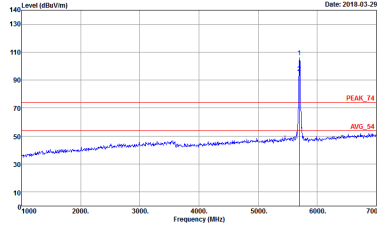
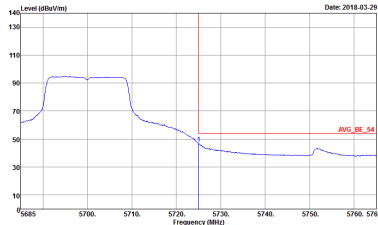


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : :02CH2-14V Condition : :PEAK_REFUNIT1_83 3m HORN_9120D_1328 VERTICAL RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto Detector : :Peak Project : :722135-07 Mode : :17 Setting : :14</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 18            Setting : 12</p>	<p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 18            Setting : 12</p>
<p><b>Avg.</b></p>	<p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 18            Setting : 12</p>	<p><b>Left blank</b></p>

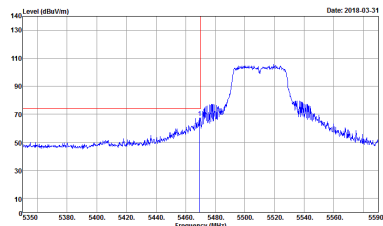
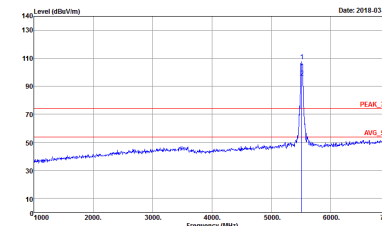
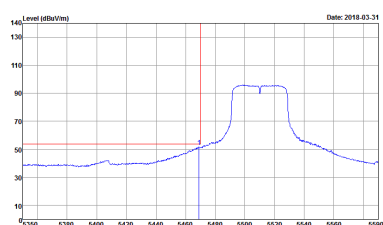


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 1B            Setting : 12</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 1B            Setting : 12</p>
Avg.	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            RBW:1000.0000kHz VBW:1.0000kHz SWT:Auto            Detector : Peak            Project : 722135-07            Mode : 1B            Setting : 12</p>	Left blank

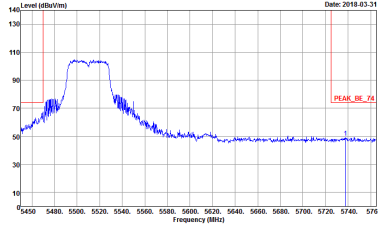
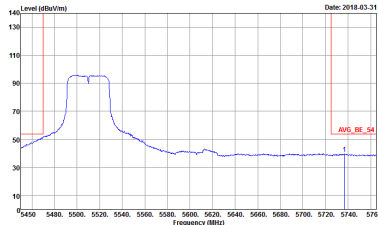




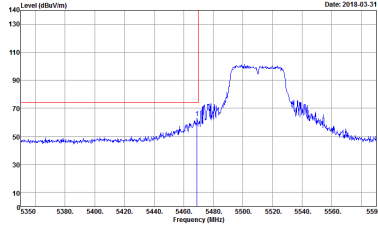
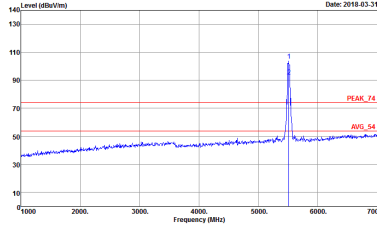
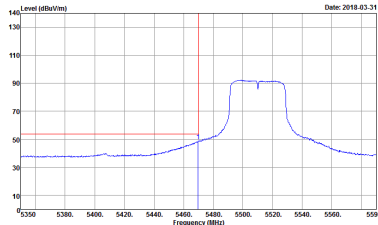
**Band 3 5470~5725MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
<b>1</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 23 Setting : 14</p>	 <p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 23 Setting : 14</p>
<b>Avg.</b>	 <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 722135-07 Mode : 23 Setting : 14</p>	<b>Left blank</b>

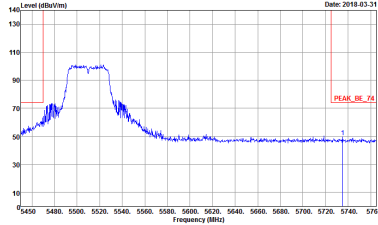
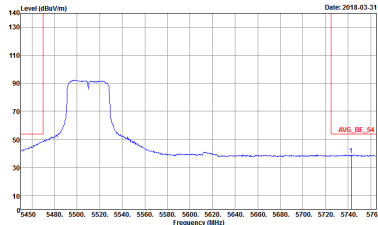


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHIZ-HY            Condition : PEAK_BE_74 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 23            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHIZ-HY            Condition : AVG_BE_54 3m HORN_9120D_132R HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 23            Setting : 14</p>	<p>Left blank</p>

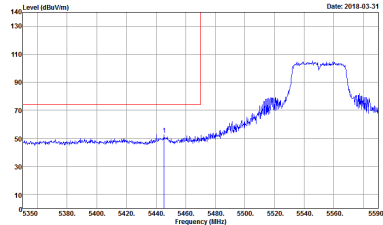
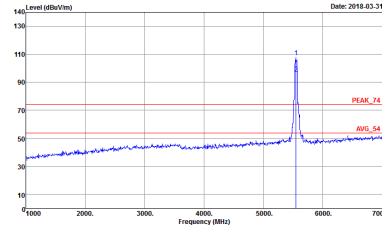
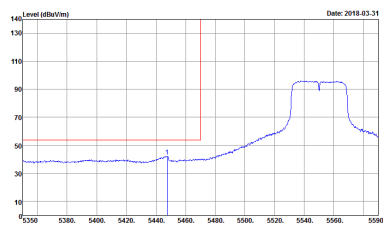


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 23            Setting : 14</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 23            Setting : 14</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 23            Setting : 14</p>	<p><b>Left blank</b></p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 23            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 23            Setting : 14</p>	<p>Left blank</p>

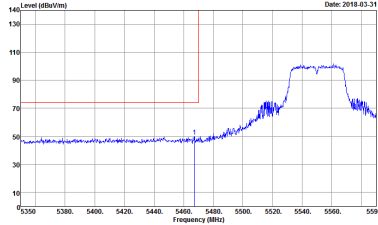
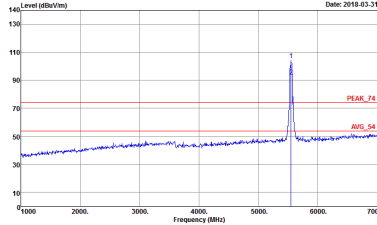
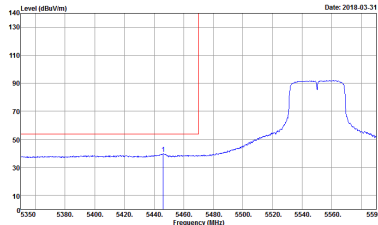


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 24            Setting : 14</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 24            Setting : 14</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 24            Setting : 14</p>	<p><b>Left blank</b></p>

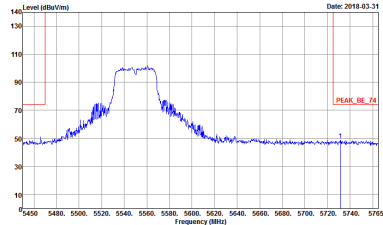
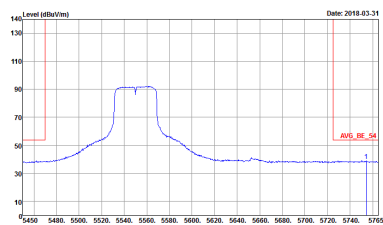


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_132R HORIZONTAL Detector : Peak Project : 722135-07 Mode : 24 Setting : 14</p>	Left blank
Avg.	<p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_132R HORIZONTAL Detector : Peak Project : 722135-07 Mode : 24 Setting : 14</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 24            Setting : 14</p>	 <p>Site : 03CH12-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 24            Setting : 14</p>
Avg.	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 24            Setting : 14</p>	Left blank



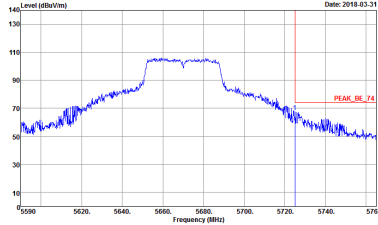
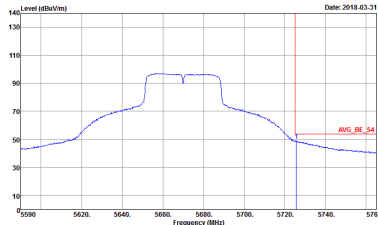
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 24            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 24            Setting : 14</p>	<p>Left blank</p>



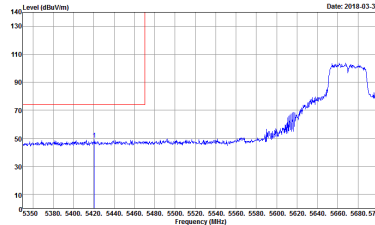
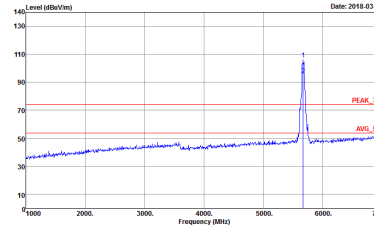
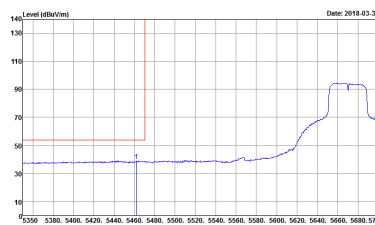


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>	<p>Site : 03CH2-HY            Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>
<p><b>Avg.</b></p>	<p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>	<p><b>Left blank</b></p>

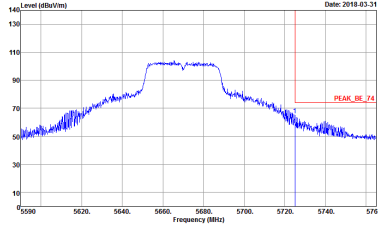
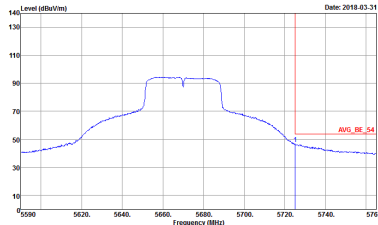


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHIZ-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHIZ-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>	<p>Left blank</p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH2-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>	 <p>Site : 03CH2-HY            Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH2-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>	<p><b>Left blank</b></p>



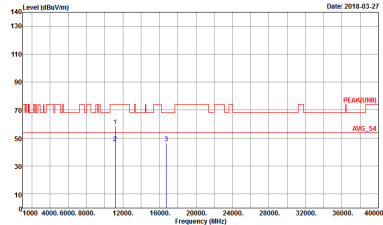
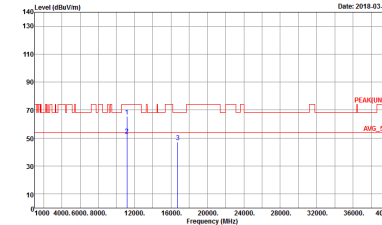
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH12-HY            Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH12-HY            Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL            Detector : Peak            Project : 722135-07            Mode : 25            Setting : 14</p>	<p>Left blank</p>



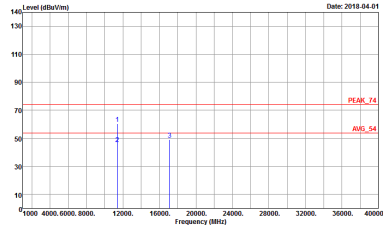
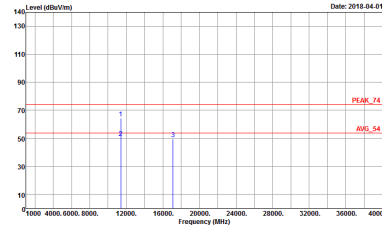
Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) for Peak and Avg. measurements. Includes site and condition details for both orientations.



<b>WIFI</b>	<b>Band 3 5470~5725MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11a CH116 5580MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : S Setting : 13.5</p>	 <p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : S Setting : 13.5</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
<p><b>Peak</b> <b>Avg.</b></p>	 <p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : -9</p>	 <p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : -9</p>



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

Table with 3 columns: WIFI (Band 3 5470~5725MHz Harmonic @ 3m), ANT (802.11n HT20 CH100 5500MHz), and 1 (Horizontal/Vertical). It contains two graphs showing Level (dBV/m) vs Frequency (MHz) for Peak and Avg. measurements.





WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 17</p>	<p>Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 17</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 18</p>	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 18</p>



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

<b>WIFI</b>	<b>Band 3 5470~5725MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT40 CH102 5510MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 23</p>	<p>Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 23</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : -24</p>	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : -24</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 25</p>	<p>Site : 03CH12-44Y Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 722135-07 Mode : 25</p>



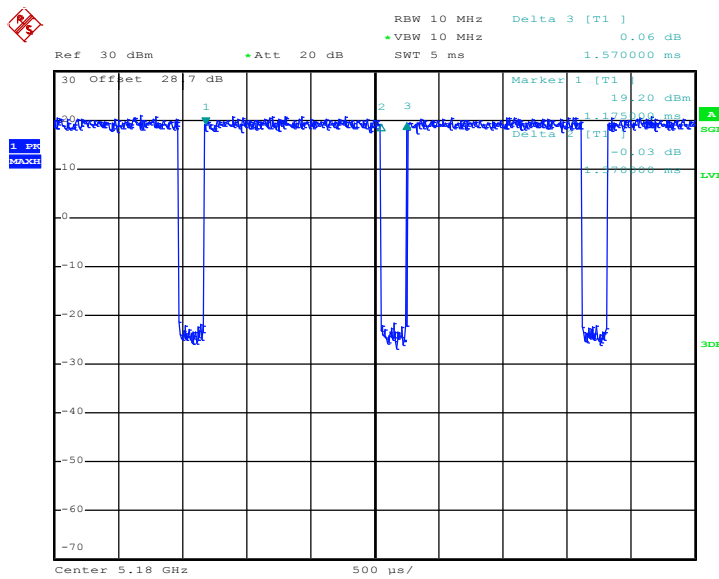
Emission below 1GHz  
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	<p>Site : 03CH12-HY Condition : QP 3m BTL06_6111D_35414 HORIZONTAL Detector : Peak Project : 722135-07 Mode : 34</p>	<p>Site : 03CH12-HY Condition : QP 3m BTL06_6111D_35414 VERTICAL Detector : Peak Project : 722135-07 Mode : 34</p>

## Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	87.26	1370	0.73	1kHz	0.59
5GHz 802.11n HT20	86.49	1280	0.78	1kHz	0.63
5GHz 802.11n HT40	86.14	630	1.59	3kHz	0.70

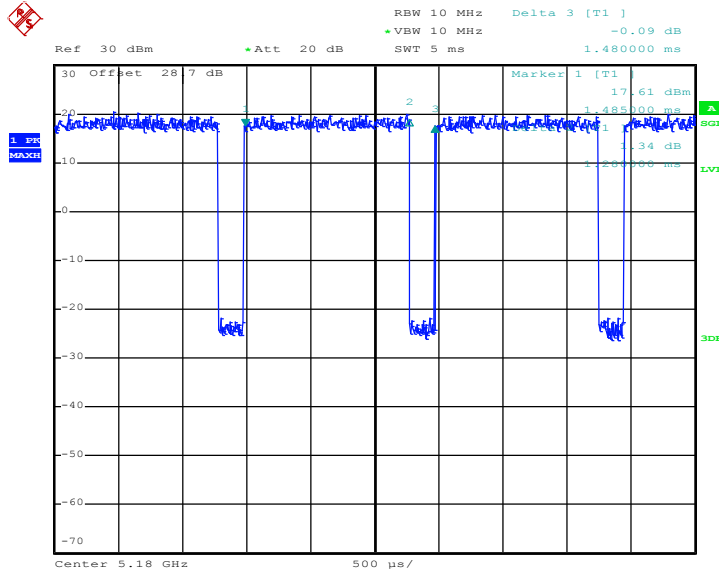
### 802.11a



Date: 14.FEB.2018 10:29:47

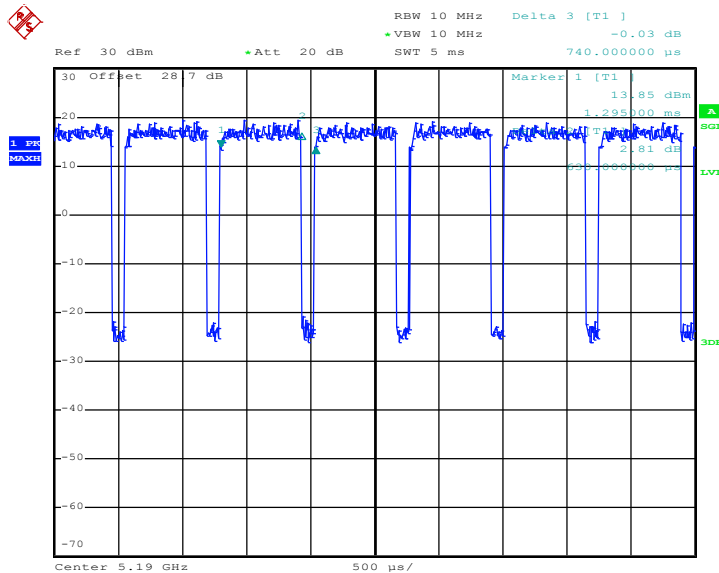


### 802.11n HT20



Date: 14.FEB.2018 13:39:24

### 802.11n HT40



Date: 14.FEB.2018 13:52:48