



FCC RF Test Report

APPLICANT : mixi, Inc.
EQUIPMENT : Mobile Phone
BRAND NAME : RATEL
MODEL NAME : CELL
MODEL NUMBER : R1020
FCC ID : 2AN7THST-101-1
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure

The product was received on Dec. 08, 2017 and testing was completed on Mar. 12, 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



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FCC ID: 2AN7THST-101-1

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR7D0829E	Rev. 01	Initial issue of report	Mar. 23, 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 1.92 dB at 47.010 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 23.50 dB at 0.150 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

mixi, Inc.

Sumitomo Fudosan Shibuya First Tower 7F, 1-2-20 Higashi, Shibuya-ku, Tokyo, 150-0011, Japan

1.2 Manufacturer

Wistron Corporation

21F, No. 88, Sec. 1, Hsin Tai Wu Rd., Hsichih Dist, New Taipei City 221, Taiwan R.O.C.

1.3 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GPS / Glonass: PIFA Antenna NFC: Coil Antenna

1.4 Modification of EUT

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

1.5 Testing Location

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

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C. TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	TH05-HY	CO05-HY

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

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd Rd. Guishan Dist, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	03CH10-HY	

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

1.6 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output 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 (Z plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138 [#]	5690	144	5720
	142 [*]	5710		

Note:

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

2.2 Test Mode

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

Single Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + WLAN (5GHz) Link + USB cable Type C to Type C (EUT charging from Adapter) + Bluetooth Link + NFC on



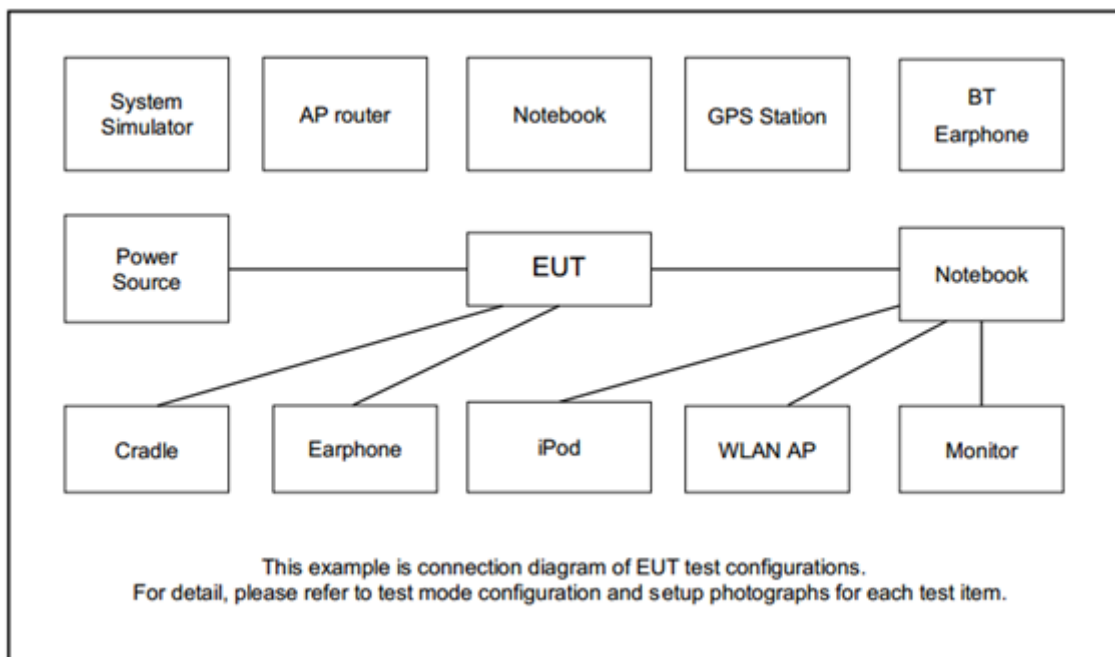
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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
Straddle		-	-	144

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
Straddle		-	-	142

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	-
Straddle		-	-	138

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	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.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

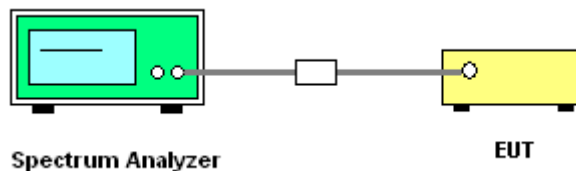
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

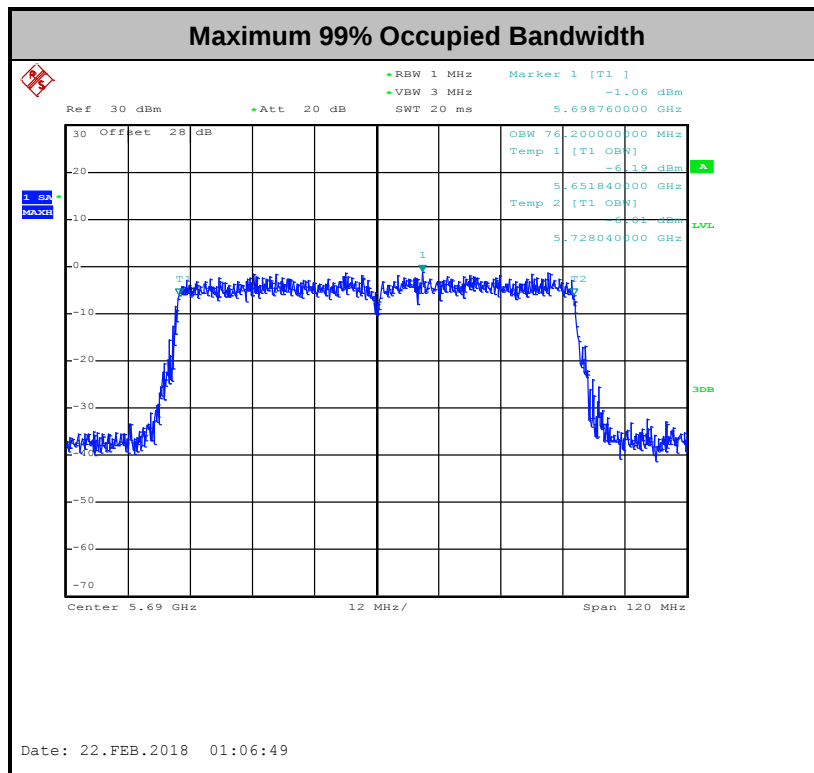
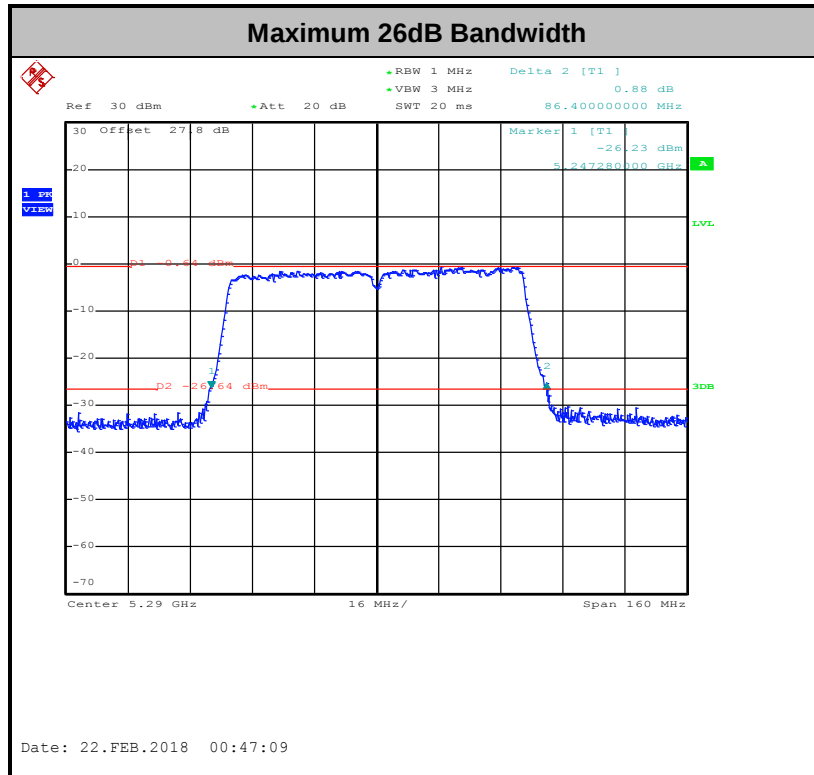
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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) $\geq 3 * \text{RBW}$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

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.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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

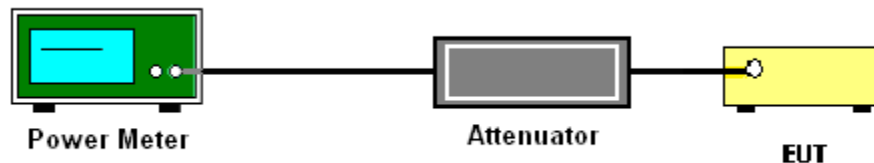
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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

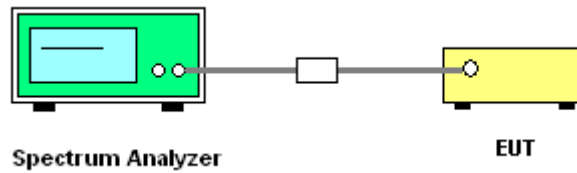
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- 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. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

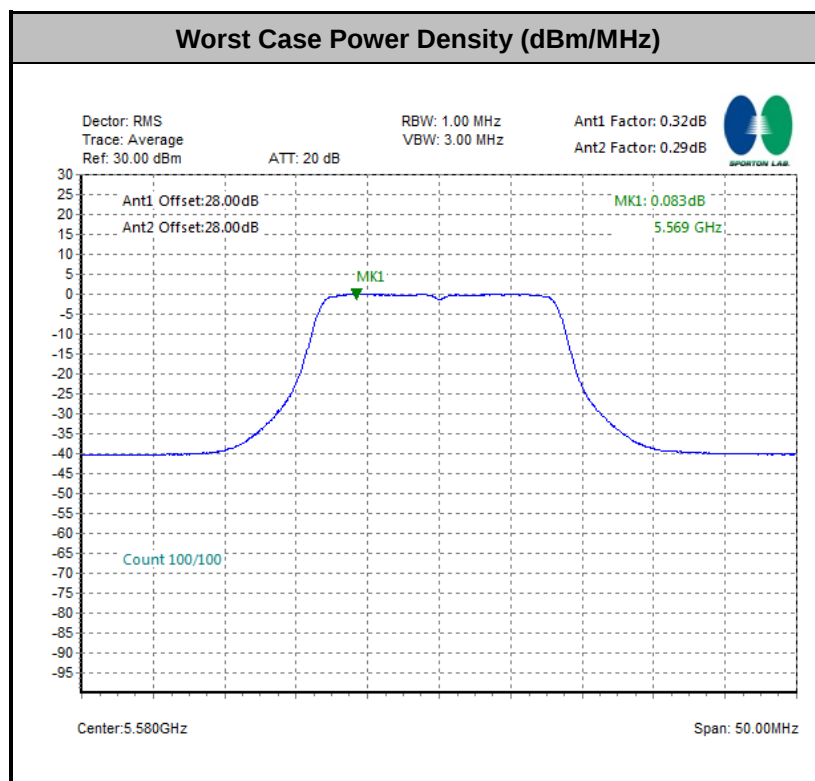
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

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

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

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



3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

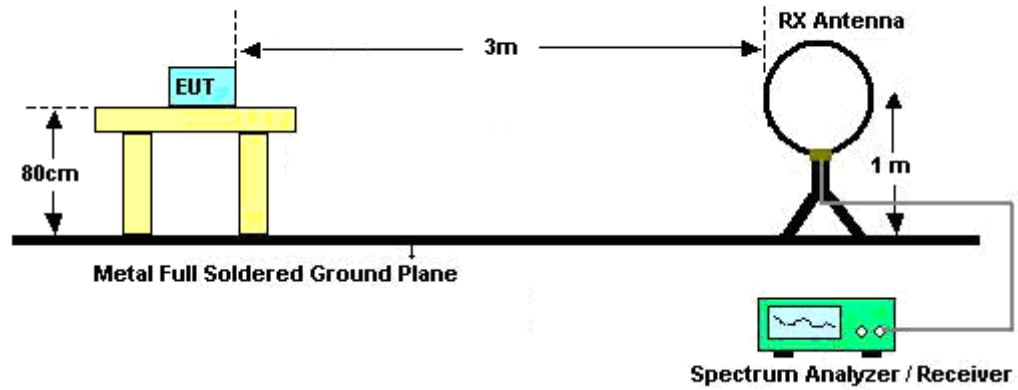
- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.



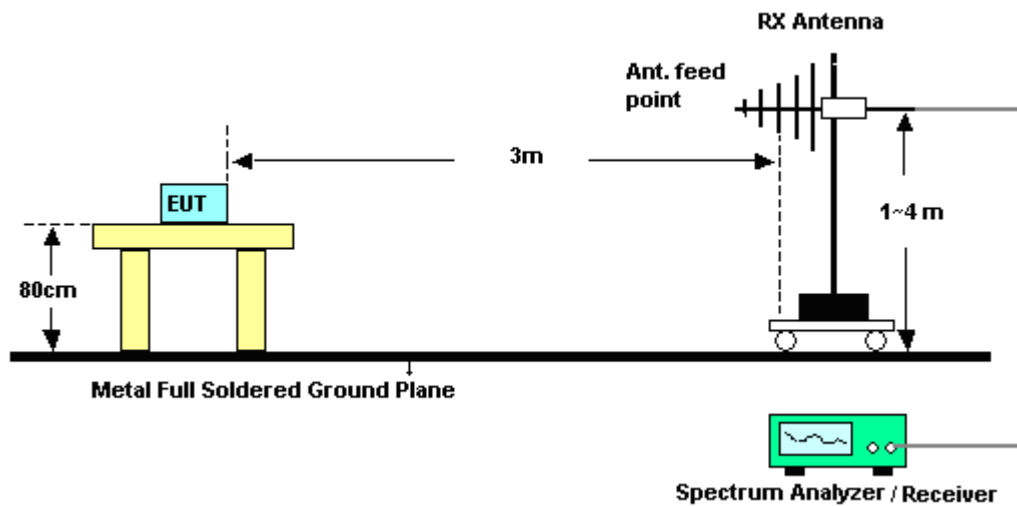
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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

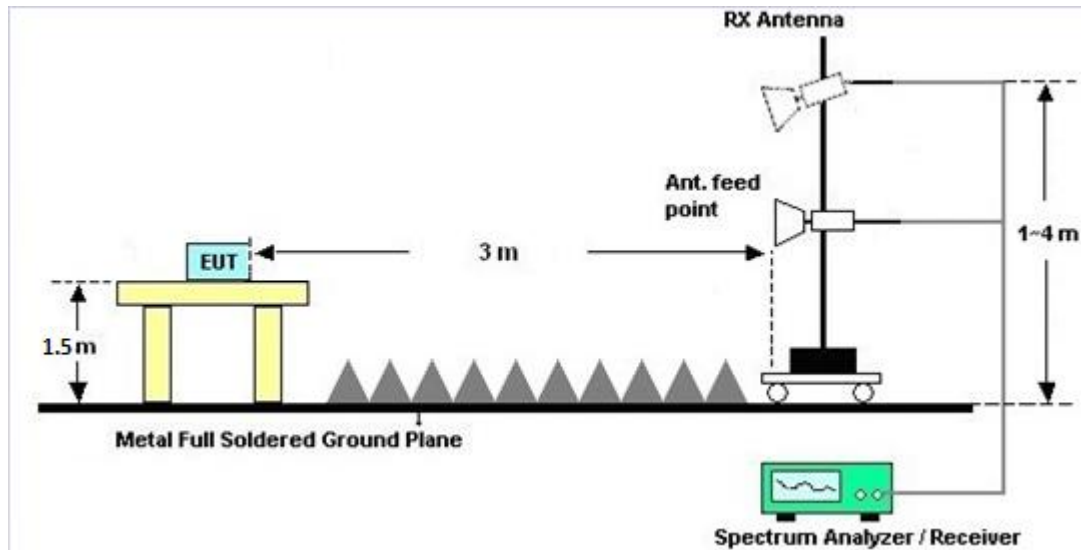
For radiated emissions below 30MHz



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 (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

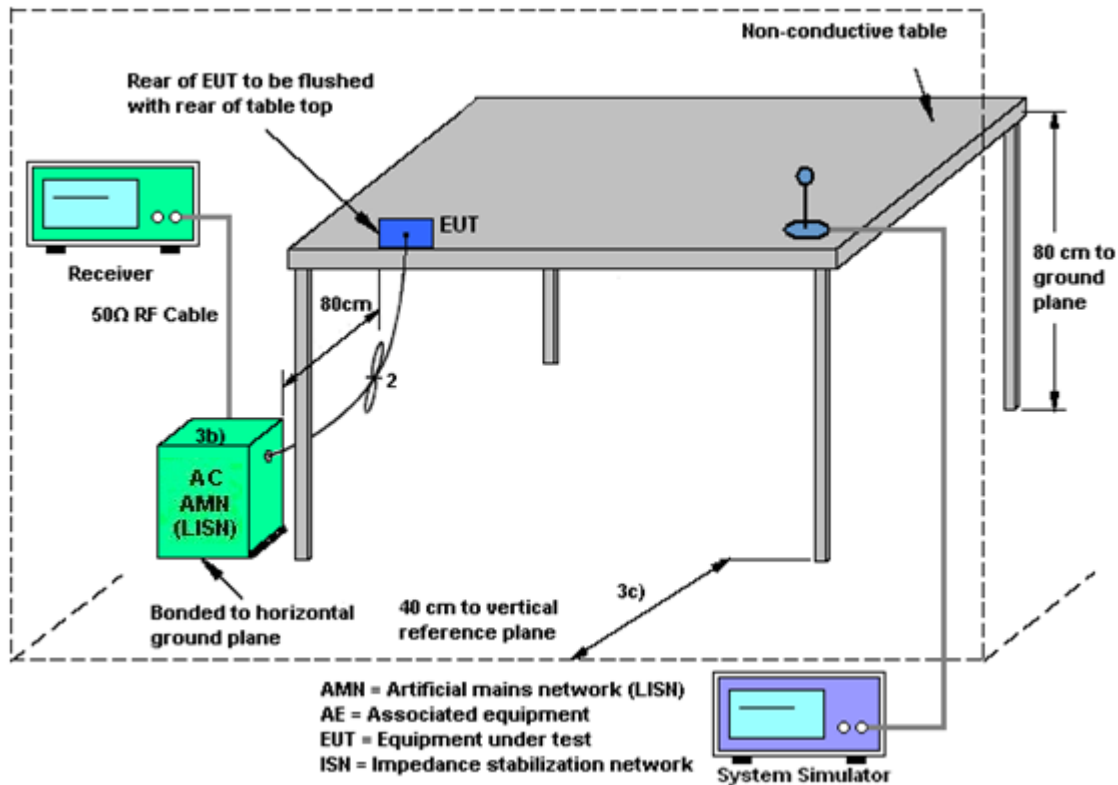
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 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

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log(\text{NANT}/\text{NSS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $\text{NANT} \leq 4$.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain "DG" is calculated as following table.

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	3.40	-2.40	3.40	3.99	0.00	0.00

Power limit reduction = Composite gain – 6dBi, (min = 0)

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)



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. 09, 2018~ Feb. 22, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207349	300MHz~40GHz	Sep. 07, 2017	Feb. 09, 2018~ Feb. 22, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 20, 2017	Feb. 09, 2018~ Feb. 22, 2018	Jun. 19, 2018	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jan. 02, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Sep. 20, 2017	Jan. 02, 2018	Sep. 19, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Jan. 02, 2018	Nov. 29, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 08, 2017	Jan. 02, 2018	Dec. 07, 2018	Conduction (CO05-HY)
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 19, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Oct. 18, 2018	Radiation (03CH10-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 18, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Jul. 17, 2018	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D&0080 0N1D01N-06	35413&02	30MHz~1GHz	Dec. 18, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Dec. 17, 2018	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBEC K	BBHA 9120 D	9120D-132 5	1GHz ~ 18GHz	Sep. 27, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Sep. 26, 2018	Radiation (03CH10-HY)
Preamplifier	Keysight	83017A	MY532700 78	1GHz~26.5GHz	Oct. 25, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Oct. 24, 2018	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP0010180 0-30-10P	160118550 004	1GHz~18GHz	Apr. 13, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Apr. 12, 2018	Radiation (03CH10-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 85	10Hz ~ 44GHz	Oct. 31, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Oct. 30, 2018	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500 -B	N/A	1~4m	N/A	Mar. 03, 2018 ~ Mar. 12, 2018	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Mar. 03, 2018 ~ Mar. 12, 2018	N/A	Radiation (03CH10-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Nov. 22, 2019	Radiation (03CH10-HY)
EMI Test Receiver	Agilent	N9038A(MX E)	MY532900 53	20Hz to 26.5GHz	Jan. 16, 2018	Mar. 03, 2018 ~ Mar. 12, 2018	Jan. 15, 2019	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA9170 584	18GHz- 40GHz	Nov. 27, 2017	Mar. 03, 2018 ~ Mar. 12, 2018	Nov. 26, 2018	Radiation (03CH10-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% ($U = 2Uc(y)$)	5.60
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.90
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.20
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	White Lin/Derek Hsu	Temperature:	21~25	°C
Test Date:	2017/1/23~2017/02/22	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	17.80	17.55	24.48	23.22	-	-	22.44	-	
11a	6Mbps	2	44	5220	17.75	17.65	24.54	23.52	-	-	22.47	-	
11a	6Mbps	2	48	5240	17.75	17.75	25.74	23.59	-	-	22.49	-	
HT20	MCS0	2	36	5180	18.95	19.00	25.01	25.44	-	-	22.78	-	
HT20	MCS0	2	44	5220	18.95	18.60	25.26	25.20	-	-	22.70	-	
HT20	MCS0	2	48	5240	18.90	18.60	25.20	25.56	-	-	22.70	-	
HT40	MCS0	2	38	5190	37.00	36.80	43.44	43.32	-	-	23.01	-	
HT40	MCS0	2	46	5230	36.80	36.80	43.59	42.72	-	-	23.01	-	
VHT80	MCS0	2	42	5210	75.96	75.84	85.44	83.84	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.29	0.32	8.97	8.96		24.00	24.00	3.40	-2.40	Pass
11a	6Mbps	1	44	5220	0.29	0.32	8.95	8.93		24.00	24.00	3.40	-2.40	Pass
11a	6Mbps	1	48	5240	0.29	0.32	8.92	8.95		24.00	24.00	3.40	-2.40	Pass
HT20	MCS0	1	36	5180	0.35	0.31	8.83	8.81		24.00	24.00	3.40	-2.40	Pass
HT20	MCS0	1	44	5220	0.35	0.31	8.78	8.74		24.00	24.00	3.40	-2.40	Pass
HT20	MCS0	1	48	5240	0.35	0.31	8.86	8.71		24.00	24.00	3.40	-2.40	Pass
HT40	MCS0	1	38	5190	0.60	0.56	8.88	8.82		24.00	24.00	3.40	-2.40	Pass
HT40	MCS0	1	46	5230	0.60	0.56	8.69	8.77		24.00	24.00	3.40	-2.40	Pass
VHT20	MCS0	1	36	5180	0.35	0.30	8.83	8.72		24.00	24.00	3.40	-2.40	Pass
VHT20	MCS0	1	44	5220	0.35	0.30	8.81	8.86		24.00	24.00	3.40	-2.40	Pass
VHT20	MCS0	1	48	5240	0.35	0.30	8.75	8.80		24.00	24.00	3.40	-2.40	Pass
VHT40	MCS0	1	38	5190	0.60	0.59	8.87	8.72		24.00	24.00	3.40	-2.40	Pass
VHT40	MCS0	1	46	5230	0.60	0.59	8.82	8.62		24.00	24.00	3.40	-2.40	Pass
VHT80	MCS0	1	42	5210	0.70	0.70	8.83	8.90		24.00	24.00	3.40	-2.40	Pass
11a	6Mbps	2	36	5180	0.32	0.29	8.99	8.99	12.00	24.00		3.40		Pass
11a	6Mbps	2	44	5220	0.32	0.29	8.98	8.98	11.99	24.00		3.40		Pass
11a	6Mbps	2	48	5240	0.32	0.29	8.96	8.97	11.98	24.00		3.40		Pass
HT20	MCS0	2	36	5180	0.35	0.30	8.98	8.98	11.99	24.00		3.40		Pass
HT20	MCS0	2	44	5220	0.35	0.30	8.97	8.97	11.98	24.00		3.40		Pass
HT20	MCS0	2	48	5240	0.35	0.30	8.95	8.96	11.97	24.00		3.40		Pass
HT40	MCS0	2	38	5190	0.56	0.60	8.99	8.98	12.00	24.00		3.40		Pass
HT40	MCS0	2	46	5230	0.56	0.60	8.96	8.87	11.93	24.00		3.40		Pass
VHT20	MCS0	2	36	5180	0.31	0.31	8.94	8.86	11.91	24.00		3.40		Pass
VHT20	MCS0	2	44	5220	0.31	0.31	8.96	8.96	11.97	24.00		3.40		Pass
VHT20	MCS0	2	48	5240	0.31	0.31	8.87	8.95	11.92	24.00		3.40		Pass
VHT40	MCS0	2	38	5190	0.58	0.68	8.92	8.96	11.95	24.00		3.40		Pass
VHT40	MCS0	2	46	5230	0.58	0.68	8.88	8.86	11.88	24.00		3.40		Pass
VHT80	MCS0	2	42	5210	0.65	0.65	8.89	8.91	11.91	24.00		3.40		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	0.32	0.29			-0.66	11.00	3.99			Pass	
11a	6Mbps	2	44	5220	0.32	0.29			-0.41	11.00	3.99			Pass	
11a	6Mbps	2	48	5240	0.32	0.29			-0.60	11.00	3.99			Pass	
HT20	MCS0	2	36	5180	0.35	0.30			-0.86	11.00	3.99			Pass	
HT20	MCS0	2	44	5220	0.35	0.30			-1.18	11.00	3.99			Pass	
HT20	MCS0	2	48	5240	0.35	0.30			-0.76	11.00	3.99			Pass	
HT40	MCS0	2	38	5190	0.56	0.60			-3.72	11.00	3.99			Pass	
HT40	MCS0	2	46	5230	0.56	0.60			-3.79	11.00	3.99			Pass	
VHT80	MCS0	2	42	5210	0.65	0.65			-6.05	11.00	3.99			Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	17.65	17.65	25.16	23.61	23.47		29.47		23.98		
11a	6Mbps	2	60	5300	17.55	17.70	24.85	23.88	23.44		29.44		23.98		
11a	6Mbps	2	64	5320	17.80	17.70	24.52	23.87	23.48		29.48		23.98		
HT20	MCS0	2	52	5260	18.75	18.80	24.90	25.56	23.73		29.73		23.98		
HT20	MCS0	2	60	5300	18.90	18.70	25.20	25.62	23.72		29.72		23.98		
HT20	MCS0	2	64	5320	18.85	18.60	25.08	25.08	23.70		29.70		23.98		
HT40	MCS0	2	54	5270	36.90	36.80	43.74	42.72	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.70	36.70	43.38	43.20	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.96	76.08	86.40	84.80	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		SUM	FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.29	0.32	8.94	8.94		23.98	23.98	3.40	0.90	30	Pass
11a	6Mbps	1	60	5300	0.29	0.32	8.98	8.98		23.98	23.98	3.40	0.90	30	Pass
11a	6Mbps	1	64	5320	0.29	0.32	8.96	8.96		23.98	23.98	3.40	0.90	30	Pass
HT20	MCS0	1	52	5260	0.35	0.31	8.85	8.77		23.98	23.98	3.40	0.90	30	Pass
HT20	MCS0	1	60	5300	0.35	0.31	8.88	8.73		23.98	23.98	3.40	0.90	30	Pass
HT20	MCS0	1	64	5320	0.35	0.31	8.84	8.75		23.98	23.98	3.40	0.90	30	Pass
HT40	MCS0	1	54	5270	0.60	0.56	8.67	8.67		23.98	23.98	3.40	0.90	30	Pass
HT40	MCS0	1	62	5310	0.60	0.56	8.65	8.64		23.98	23.98	3.40	0.90	30	Pass
VHT20	MCS0	1	52	5260	0.35	0.30	8.81	8.82		23.98	23.98	3.40	0.90	30	Pass
VHT20	MCS0	1	60	5300	0.35	0.30	8.85	8.76		23.98	23.98	3.40	0.90	30	Pass
VHT20	MCS0	1	64	5320	0.35	0.30	8.88	8.78		23.98	23.98	3.40	0.90	30	Pass
VHT40	MCS0	1	54	5270	0.60	0.59	8.89	8.69		23.98	23.98	3.40	0.90	30	Pass
VHT40	MCS0	1	62	5310	0.60	0.59	8.84	8.67		23.98	23.98	3.40	0.90	30	Pass
VHT80	MCS0	1	58	5290	0.70	0.70	8.89	8.78		23.98	23.98	3.40	0.90	30	Pass
11a	6Mbps	2	52	5260	0.32	0.29	8.97	8.98	11.99	23.98		3.40		30	Pass
11a	6Mbps	2	60	5300	0.32	0.29	8.99	8.99	12.00	23.98		3.40		30	Pass
11a	6Mbps	2	64	5320	0.32	0.29	8.97	8.97	11.98	23.98		3.40		30	Pass
HT20	MCS0	2	52	5260	0.35	0.30	8.96	8.97	11.98	23.98		3.40		30	Pass
HT20	MCS0	2	60	5300	0.35	0.30	8.97	8.96	11.98	23.98		3.40		30	Pass
HT20	MCS0	2	64	5320	0.35	0.30	8.96	8.96	11.97	23.98		3.40		30	Pass
HT40	MCS0	2	54	5270	0.56	0.60	8.97	8.90	11.95	23.98		3.40		30	Pass
HT40	MCS0	2	62	5310	0.56	0.60	8.88	8.98	11.94	23.98		3.40		30	Pass
VHT20	MCS0	2	52	5260	0.31	0.31	8.95	8.96	11.96	23.98		3.40		30	Pass
VHT20	MCS0	2	60	5300	0.31	0.31	8.96	8.95	11.96	23.98		3.40		30	Pass
VHT20	MCS0	2	64	5320	0.31	0.31	8.91	8.93	11.93	23.98		3.40		30	Pass
VHT40	MCS0	2	54	5270	0.58	0.68	8.96	8.89	11.93	23.98		3.40		30	Pass
VHT40	MCS0	2	62	5310	0.58	0.68	8.87	8.97	11.93	23.98		3.40		30	Pass
VHT80	MCS0	2	58	5290	0.65	0.65	8.93	8.92	11.94	23.98		3.40		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	0.32	0.29			-0.34	11.00		5.25			Pass
11a	6Mbps	2	60	5300	0.32	0.29			-0.56	11.00		5.25			Pass
11a	6Mbps	2	64	5320	0.32	0.29			-0.50	11.00		5.25			Pass
HT20	MCS0	2	52	5260	0.35	0.30			-0.48	11.00		5.25			Pass
HT20	MCS0	2	60	5300	0.35	0.30			-0.92	11.00		5.25			Pass
HT20	MCS0	2	64	5320	0.35	0.30			-0.87	11.00		5.25			Pass
HT40	MCS0	2	54	5270	0.56	0.60			-3.73	11.00		5.25			Pass
HT40	MCS0	2	62	5310	0.56	0.60			-3.73	11.00		5.25			Pass
VHT80	MCS0	2	58	5290	0.65	0.65			-6.28	11.00		5.25			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	17.65	17.55	24.12	23.49	23.44		29.44		23.98		----	----
11a	6Mbps	2	116	5580	17.60	17.60	24.72	23.46	23.46		29.46		23.98		----	----
11a	6Mbps	2	140	5700	17.95	17.50	24.74	24.11	23.43		29.43		23.98		----	----
11a	6Mbps	2	144	5720	17.75	17.40	25.08	23.58	23.41		29.41		23.98		3.16	3.16
HT20	MCS0	2	100	5500	19.05	18.90	24.97	25.62	23.76		29.76		23.98		----	----
HT20	MCS0	2	116	5580	18.90	18.80	25.26	25.70	23.74		29.74		23.98		----	----
HT20	MCS0	2	140	5700	18.75	18.65	25.51	25.26	23.71		29.71		23.98		----	----
HT20	MCS0	2	144	5720	18.60	18.65	26.01	24.80	23.70		29.70		23.98		3.76	3.76
HT40	MCS0	2	102	5510	36.90	36.80	43.08	43.00	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	37.00	37.00	43.40	42.96	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.80	36.80	43.32	42.84	23.98		30.00		23.98		----	----
HT40	MCS0	2	142	5710	37.00	36.80	42.72	42.75	23.98		30.00		23.98		3.16	3.16
VHT80	MCS0	2	106	5530	76.08	75.96	85.76	84.48	23.98		30.00		23.98		----	----
VHT80	MCS0	2	138	5690	76.20	76.08	85.12	85.28	23.98		30.00		23.98		3.08	2.92

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		SUM	FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.29	0.32	8.92	8.92		23.98	23.98	3.70	1.60	30	Pass
11a	6Mbps	1	116	5580	0.29	0.32	8.94	8.94		23.98	23.98	3.70	1.60	30	Pass
11a	6Mbps	1	140	5700	0.29	0.32	8.91	8.93		23.98	23.98	3.70	1.60	30	Pass
11a	6Mbps	1	144	5720	0.29	0.32	8.93	8.96		23.98	23.98	3.70	1.60	30	Pass
HT20	MCS0	1	100	5500	0.35	0.31	8.75	8.81		23.98	23.98	3.70	1.60	30	Pass
HT20	MCS0	1	116	5580	0.35	0.31	8.77	8.84		23.98	23.98	3.70	1.60	30	Pass
HT20	MCS0	1	140	5700	0.35	0.31	8.85	8.87		23.98	23.98	3.70	1.60	30	Pass
HT20	MCS0	1	144	5720	0.35	0.31	8.87	8.89		23.98	23.98	3.70	1.60	30	Pass
HT40	MCS0	1	102	5510	0.60	0.56	8.80	8.69		23.98	23.98	3.70	1.60	30	Pass
HT40	MCS0	1	110	5550	0.60	0.56	8.85	8.66		23.98	23.98	3.70	1.60	30	Pass
HT40	MCS0	1	134	5670	0.60	0.56	8.81	8.70		23.98	23.98	3.70	1.60	30	Pass
HT40	MCS0	1	142	5710	0.60	0.56	8.82	8.82		23.98	23.98	3.70	1.60	30	Pass
VHT20	MCS0	1	100	5500	0.35	0.30	8.63	8.88		23.98	23.98	3.70	1.60	30	Pass
VHT20	MCS0	1	116	5580	0.35	0.30	8.68	8.82		23.98	23.98	3.70	1.60	30	Pass
VHT20	MCS0	1	140	5700	0.35	0.30	8.66	8.86		23.98	23.98	3.70	1.60	30	Pass
VHT20	MCS0	1	144	5720	0.35	0.30	8.89	8.90		23.98	23.98	3.70	1.60	30	Pass
VHT40	MCS0	1	102	5510	0.60	0.59	8.80	8.64		23.98	23.98	3.70	1.60	30	Pass
VHT40	MCS0	1	110	5550	0.60	0.59	8.86	8.67		23.98	23.98	3.70	1.60	30	Pass
VHT40	MCS0	1	134	5670	0.60	0.59	8.82	8.69		23.98	23.98	3.70	1.60	30	Pass
VHT40	MCS0	1	142	5710	0.60	0.59	8.89	8.84		23.98	23.98	3.70	1.60	30	Pass
VHT80	MCS0	1	106	5530	0.70	0.70	8.71	8.65		23.98	23.98	3.70	1.60	30	Pass
VHT80	MCS0	1	138	5690	0.70	0.70	8.88	8.84		23.98	23.98	3.70	1.60	30	Pass
11a	6Mbps	2	100	5500	0.32	0.29	8.98	8.95	11.98	23.98		3.70		30	Pass
11a	6Mbps	2	116	5580	0.32	0.29	8.99	8.99	12.00	23.98		3.70		30	Pass
11a	6Mbps	2	140	5700	0.32	0.29	8.99	8.97	11.99	23.98		3.70		30	Pass
11a	6Mbps	2	144	5720	0.32	0.29	8.98	8.98	11.99	23.98		3.70		30	Pass
HT20	MCS0	2	100	5500	0.35	0.30	8.97	8.94	11.97	23.98		3.70		30	Pass
HT20	MCS0	2	116	5580	0.35	0.30	8.98	8.98	11.99	23.98		3.70		30	Pass
HT20	MCS0	2	140	5700	0.35	0.30	8.98	8.96	11.98	23.98		3.70		30	Pass
HT20	MCS0	2	144	5720	0.35	0.30	8.97	8.97	11.98	23.98		3.70		30	Pass
HT40	MCS0	2	102	5510	0.56	0.60	8.99	8.95	11.98	23.98		3.70		30	Pass
HT40	MCS0	2	110	5550	0.56	0.60	8.98	8.99	12.00	23.98		3.70		30	Pass
HT40	MCS0	2	134	5670	0.56	0.60	8.99	8.96	11.99	23.98		3.70		30	Pass
HT40	MCS0	2	142	5710	0.56	0.60	8.98	8.97	11.99	23.98		3.70		30	Pass
VHT20	MCS0	2	100	5500	0.31	0.31	8.96	8.93	11.95	23.98		3.70		30	Pass
VHT20	MCS0	2	116	5580	0.31	0.31	8.97	8.97	11.98	23.98		3.70		30	Pass
VHT20	MCS0	2	140	5700	0.31	0.31	8.97	8.95	11.97	23.98		3.70		30	Pass
VHT20	MCS0	2	144	5720	0.31	0.31	8.96	8.91	11.94	23.98		3.70		30	Pass
VHT40	MCS0	2	102	5510	0.58	0.68	8.98	8.94	11.97	23.98		3.70		30	Pass
VHT40	MCS0	2	110	5550	0.58	0.68	8.88	8.88	11.89	23.98		3.70		30	Pass
VHT40	MCS0	2	134	5670	0.58	0.68	8.98	8.95	11.97	23.98		3.70		30	Pass
VHT40	MCS0	2	142	5710	0.58	0.68	8.97	8.96	11.97	23.98		3.70		30	Pass
VHT80	MCS0	2	106	5530	0.65	0.65	8.85	8.66	11.77	23.98		3.70		30	Pass
VHT80	MCS0	2	138	5690	0.65	0.65	8.95	8.98	11.98	23.98		3.70		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	0.32	0.29			-0.59	11.00		5.72			Pass
11a	6Mbps	2	116	5580	0.32	0.29			0.08	11.00		5.72			Pass
11a	6Mbps	2	140	5700	0.32	0.29			-0.08	11.00		5.72			Pass
11a	6Mbps	2	144	5720	0.32	0.29			-0.24	11.00		5.72			Pass
HT20	MCS0	2	100	5500	0.35	0.30			-0.83	11.00		5.72			Pass
HT20	MCS0	2	116	5580	0.35	0.30			-0.23	11.00		5.72			Pass
HT20	MCS0	2	140	5700	0.35	0.30			-0.43	11.00		5.72			Pass
HT20	MCS0	2	144	5720	0.35	0.30			-0.48	11.00		5.72			Pass
HT40	MCS0	2	102	5510	0.56	0.60			-3.35	11.00		5.72			Pass
HT40	MCS0	2	110	5550	0.56	0.60			-3.34	11.00		5.72			Pass
HT40	MCS0	2	134	5670	0.56	0.60			-3.25	11.00		5.72			Pass
HT40	MCS0	2	142	5710	0.56	0.60			-3.29	11.00		5.72			Pass
VHT80	MCS0	2	106	5530	0.65	0.65			-6.34	11.00		5.72			Pass
VHT80	MCS0	2	138	5690	0.65	0.65			-6.27	11.00		5.72			Pass



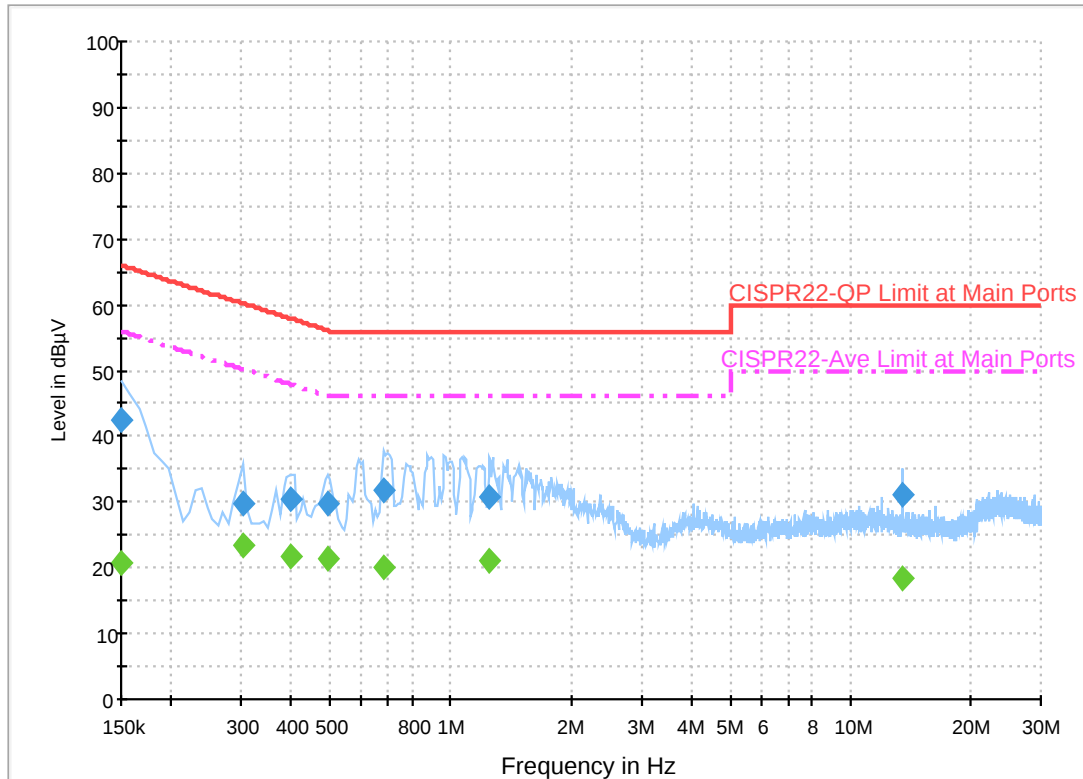
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Shareef Yu	Temperature :	24~25℃
		Relative Humidity :	53~56%

EUT Information

Report NO : 7D0829
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

ENV216 Auto Test FCC Power Bar - L



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	42.5	Off	L1	19.5	23.5	66.0
0.302000	29.8	Off	L1	19.5	30.4	60.2
0.398000	30.3	Off	L1	19.5	27.6	57.9
0.494000	29.6	Off	L1	19.5	26.5	56.1
0.678000	31.9	Off	L1	19.5	24.1	56.0
1.254000	30.7	Off	L1	19.5	25.3	56.0
13.558000	31.2	Off	L1	19.7	28.8	60.0

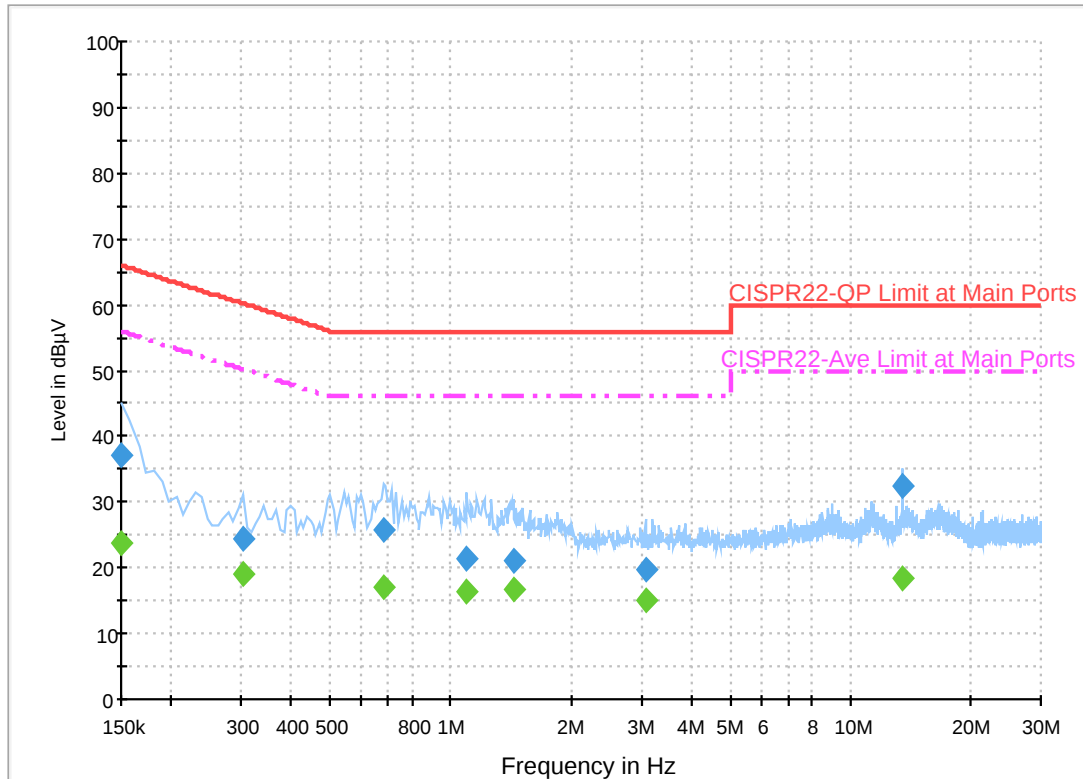
Final Result 2

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	20.6	Off	L1	19.5	35.4	56.0
0.302000	23.3	Off	L1	19.5	26.9	50.2
0.398000	21.7	Off	L1	19.5	26.2	47.9
0.494000	21.5	Off	L1	19.5	24.6	46.1
0.678000	20.1	Off	L1	19.5	25.9	46.0
1.254000	20.9	Off	L1	19.5	25.1	46.0
13.558000	18.2	Off	L1	19.7	31.8	50.0

EUT Information

Report NO : 7D0829
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

ENV216 Auto Test FCC Power Bar - N



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	37.3	Off	N	19.5	28.7	66.0
0.302000	24.3	Off	N	19.5	35.9	60.2
0.678000	25.6	Off	N	19.5	30.4	56.0
1.102000	21.5	Off	N	19.5	34.5	56.0
1.438000	21.1	Off	N	19.5	34.9	56.0
3.070000	19.9	Off	N	19.5	36.1	56.0
13.558000	32.5	Off	N	19.8	27.5	60.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	23.8	Off	N	19.5	32.2	56.0
0.302000	19.2	Off	N	19.5	31.0	50.2
0.678000	17.1	Off	N	19.5	28.9	46.0
1.102000	16.3	Off	N	19.5	29.7	46.0
1.438000	16.6	Off	N	19.5	29.4	46.0
3.070000	15.1	Off	N	19.5	30.9	46.0
13.558000	18.4	Off	N	19.8	31.6	50.0



Appendix C. Radiated Spurious Emission

Test Engineer :	Daniel Lee, Master Huang, and J.C. Liang	Temperature :	18~22°C
		Relative Humidity :	48~53%



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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5097.5	48.59	-25.41	74	41.09	31.62	8.36	32.48	100	118	P	H
		5145.6	40.01	-13.99	54	32.43	31.68	8.38	32.48	100	118	A	H
	*	5180	99.47	-	-	91.84	31.72	8.39	32.48	100	118	P	H
	*	5180	92.21	-	-	84.58	31.72	8.39	32.48	100	118	A	H
													H
													H
		5125.58	48.82	-25.18	74	41.27	31.66	8.37	32.48	107	215	P	V
		5146.12	40.45	-13.55	54	32.87	31.68	8.38	32.48	107	215	A	V
	*	5180	101.35	-	-	93.72	31.72	8.39	32.48	107	215	P	V
	*	5180	94.34	-	-	86.71	31.72	8.39	32.48	107	215	A	V
													V
													V
802.11a CH 44 5220MHz		5080.86	49.39	-24.61	74	41.91	31.6	8.35	32.47	100	117	P	H
		5108.94	39.7	-14.3	54	32.18	31.64	8.36	32.48	100	117	A	H
	*	5220	99.96	-	-	92.31	31.76	8.37	32.48	100	117	P	H
	*	5220	92.56	-	-	84.91	31.76	8.37	32.48	100	117	A	H
		5430.04	47.33	-26.67	74	39.66	32.02	8.15	32.5	100	117	P	H
		5376	40.02	-13.98	54	32.46	31.94	8.11	32.49	100	117	A	H
		5011.96	49.46	-24.54	74	42.09	31.52	8.32	32.47	100	220	P	V
		5146.9	39.95	-14.05	54	32.37	31.68	8.38	32.48	100	220	A	V
	*	5220	101.86	-	-	94.21	31.76	8.37	32.48	100	220	P	V
	*	5220	94.12	-	-	86.47	31.76	8.37	32.48	100	220	A	V
		5428.64	47.61	-26.39	74	39.99	32.02	8.1	32.5	100	220	P	V
		5453	39.61	-14.39	54	31.88	32.04	8.19	32.5	100	220	A	V



802.11a CH 48 5240MHz		5130.22	48.31	-25.69	74	40.76	31.66	8.37	32.48	102	117	P	H
		5092.48	39.77	-14.23	54	32.26	31.62	8.36	32.47	102	117	A	H
	*	5240	100.15	-	-	92.51	31.78	8.34	32.48	102	117	P	H
	*	5240	93.35	-	-	85.71	31.78	8.34	32.48	102	117	A	H
		5448.48	47.96	-26.04	74	40.23	32.04	8.19	32.5	102	117	P	H
		5376	40.18	-13.82	54	32.62	31.94	8.11	32.49	102	117	A	H
		5078.88	49.95	-24.05	74	42.47	31.6	8.35	32.47	100	216	P	V
		5137.02	39.9	-14.1	54	32.35	31.66	8.37	32.48	100	216	A	V
	*	5240	101.17	-	-	93.53	31.78	8.34	32.48	100	216	P	V
	*	5240	93.35	-	-	85.71	31.78	8.34	32.48	100	216	A	V
		5354.4	47.14	-26.86	74	39.56	31.92	8.15	32.49	100	216	P	V
		5452.8	39.63	-14.37	54	31.9	32.04	8.19	32.5	100	216	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+2	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	45.13	-28.87	74	60.35	39.49	11.78	66.49	100	0	P	H
		15540	44.49	-29.51	74	55.76	38.32	15.57	65.16	100	0	P	H
													H
													H
		10360	45.65	-28.35	74	60.87	39.49	11.78	66.49	100	0	P	V
		15540	44.71	-29.29	74	55.98	38.32	15.57	65.16	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	45.66	-28.34	74	60.62	39.59	11.84	66.39	100	0	P	H
		15660	42.96	-31.04	74	54.62	38.06	15.63	65.35	100	0	P	H
													H
													H
		10440	45.49	-28.51	74	60.45	39.59	11.84	66.39	100	0	P	V
		15660	42.38	-31.62	74	54.04	38.06	15.63	65.35	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	44.87	-29.13	74	59.63	39.67	11.89	66.32	100	0	P	H
		15720	43.11	-30.89	74	55	37.91	15.66	65.46	100	0	P	H
													H
													H
		10480	45.12	-28.88	74	59.88	39.67	11.89	66.32	100	0	P	V
		15720	42.92	-31.08	74	54.81	37.91	15.66	65.46	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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		5032.24	49.25	-24.75	74	41.85	31.54	8.33	32.47	100	118	P	H
		5145.6	39.94	-14.06	54	32.36	31.68	8.38	32.48	100	118	A	H
	*	5180	99.6	-	-	91.97	31.72	8.39	32.48	100	118	P	H
	*	5180	92.35	-	-	84.72	31.72	8.39	32.48	100	118	A	H
													H
													H
		5114.14	49.2	-24.8	74	41.68	31.64	8.36	32.48	100	219	P	V
		5132.34	40.32	-13.68	54	32.77	31.66	8.37	32.48	100	219	A	V
	*	5180	101.84	-	-	94.21	31.72	8.39	32.48	100	219	P	V
	*	5180	94.56	-	-	86.93	31.72	8.39	32.48	100	219	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5127.92	48.46	-25.54	74	40.91	31.66	8.37	32.48	102	119	P	H
		5150	39.82	-14.18	54	32.24	31.68	8.38	32.48	102	119	A	H
	*	5220	99.66	-	-	92.01	31.76	8.37	32.48	102	119	P	H
	*	5220	92.03	-	-	84.38	31.76	8.37	32.48	102	119	A	H
		5449.64	47.83	-26.17	74	40.1	32.04	8.19	32.5	102	119	P	H
		5376	40.1	-13.9	54	32.54	31.94	8.11	32.49	102	119	A	H
		5063.44	48.42	-25.58	74	40.97	31.58	8.34	32.47	100	221	P	V
		5141.7	39.99	-14.01	54	32.42	31.68	8.37	32.48	100	221	A	V
	*	5220	101.47	-	-	93.82	31.76	8.37	32.48	100	221	P	V
	*	5220	93.47	-	-	85.82	31.76	8.37	32.48	100	221	A	V
		5375.44	46.46	-27.54	74	38.9	31.94	8.11	32.49	100	221	P	V
		5453	39.69	-14.31	54	31.96	32.04	8.19	32.5	100	221	A	V



802.11n HT20 CH 48 5240MHz		5016.66	48.39	-25.61	74	41.02	31.52	8.32	32.47	105	119	P	H
		5149.94	39.7	-14.3	54	32.12	31.68	8.38	32.48	105	119	A	H
	*	5240	101.11	-	-	93.47	31.78	8.34	32.48	105	119	P	H
	*	5240	92.87	-	-	85.23	31.78	8.34	32.48	105	119	A	H
		5442.48	48.19	-25.81	74	40.52	32.02	8.15	32.5	105	119	P	H
		5376.24	40.2	-13.8	54	32.67	31.94	8.08	32.49	105	119	A	H
		5128.18	47.74	-26.26	74	40.19	31.66	8.37	32.48	319	218	P	V
		5100.64	39.78	-14.22	54	32.28	31.62	8.36	32.48	319	218	A	V
	*	5240	101.41	-	-	93.77	31.78	8.34	32.48	319	218	P	V
	*	5240	92.95	-	-	85.31	31.78	8.34	32.48	319	218	A	V
		5455.68	47.12	-26.88	74	39.39	32.04	8.19	32.5	319	218	P	V
		5452.8	39.79	-14.21	54	32.06	32.04	8.19	32.5	319	218	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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	45.25	-28.75	74	60.47	39.49	11.78	66.49	100	0	P	H
		15540	42.69	-31.31	74	53.96	38.32	15.57	65.16	100	0	P	H
													H
													H
		10360	44.87	-29.13	74	60.09	39.49	11.78	66.49	100	0	P	V
		15540	43.06	-30.94	74	54.33	38.32	15.57	65.16	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	45.39	-28.61	74	60.35	39.59	11.84	66.39	100	0	P	H
		15660	43.06	-30.94	74	54.72	38.06	15.63	65.35	100	0	P	H
													H
													H
		10440	45.02	-28.98	74	59.98	39.59	11.84	66.39	100	0	P	V
		15660	42.93	-31.07	74	54.59	38.06	15.63	65.35	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	45.11	-28.89	74	59.87	39.67	11.89	66.32	100	0	P	H
		15720	43.31	-30.69	74	55.2	37.91	15.66	65.46	100	0	P	H
													H
													H
		10480	45.8	-28.2	74	60.56	39.67	11.89	66.32	100	0	P	V
		15720	42.37	-31.63	74	54.26	37.91	15.66	65.46	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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		5133.12	49.37	-24.63	74	41.82	31.66	8.37	32.48	100	118	P	H
		5117.52	40.64	-13.36	54	33.12	31.64	8.36	32.48	100	118	A	H
	*	5190	96.2	-	-	88.57	31.72	8.39	32.48	100	118	P	H
	*	5190	88.86	-	-	81.23	31.72	8.39	32.48	100	118	A	H
		5451.32	47.08	-26.92	74	39.35	32.04	8.19	32.5	100	118	P	H
		5455.8	40.4	-13.6	54	32.67	32.04	8.19	32.5	100	118	A	H
		5096.46	49.23	-24.77	74	41.73	31.62	8.36	32.48	102	221	P	V
		5149.5	41.53	-12.47	54	33.95	31.68	8.38	32.48	102	221	A	V
	*	5190	96.09	-	-	88.46	31.72	8.39	32.48	102	221	P	V
	*	5190	90.16	-	-	82.53	31.72	8.39	32.48	102	221	A	V
		5371.8	46.65	-27.35	74	39.09	31.94	8.11	32.49	102	221	P	V
		5451.6	39.74	-14.26	54	32.01	32.04	8.19	32.5	102	221	A	V
802.11n HT40 CH 46 5230MHz		5137.8	48.6	-25.4	74	41.05	31.66	8.37	32.48	104	112	P	H
		5133.64	40.58	-13.42	54	33.03	31.66	8.37	32.48	104	112	A	H
	*	5230	96.44	-	-	88.77	31.78	8.37	32.48	104	112	P	H
	*	5230	89.29	-	-	81.62	31.78	8.37	32.48	104	112	A	H
		5383	47.51	-26.49	74	39.96	31.96	8.08	32.49	104	112	P	H
		5452.72	40.42	-13.58	54	32.69	32.04	8.19	32.5	104	112	A	H
		5148.46	49.32	-24.68	74	41.74	31.68	8.38	32.48	100	224	P	V
		5109.46	40.59	-13.41	54	33.07	31.64	8.36	32.48	100	224	A	V
	*	5230	98.23	-	-	90.56	31.78	8.37	32.48	100	224	P	V
	*	5230	90.38	-	-	82.71	31.78	8.37	32.48	100	224	A	V
		5379.92	48.32	-25.68	74	40.77	31.96	8.08	32.49	100	224	P	V
		5452.72	40.36	-13.64	54	32.63	32.04	8.19	32.5	100	224	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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)
802.11ac VHT80 CH 42 5210MHz		5079.3	49.09	-24.91	74	41.61	31.6	8.35	32.47	332	116	P	H
		5141.44	41.19	-12.81	54	33.62	31.68	8.37	32.48	332	116	A	H
	*	5210	94.2	-	-	86.52	31.76	8.4	32.48	332	116	P	H
	*	5210	86.6	-	-	78.92	31.76	8.4	32.48	332	116	A	H
		5408.2	48.14	-25.86	74	40.61	31.98	8.05	32.5	332	116	P	H
		5405.12	40.06	-13.94	54	32.53	31.98	8.05	32.5	332	116	A	H
		5140.4	49.83	-24.17	74	42.26	31.68	8.37	32.48	258	205	P	V
		5147.42	41.96	-12.04	54	34.38	31.68	8.38	32.48	258	205	A	V
	*	5210	96.97	-	-	89.29	31.76	8.4	32.48	258	205	P	V
	*	5210	88.79	-	-	81.11	31.76	8.4	32.48	258	205	A	V
		5453.56	48.18	-25.82	74	40.45	32.04	8.19	32.5	258	205	P	V
		5453	40.67	-13.33	54	32.94	32.04	8.19	32.5	258	205	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5070.72	48.97	-25.03	74	41.51	31.58	8.35	32.47	100	117	P	H
		5069.36	39.74	-14.26	54	32.29	31.58	8.34	32.47	100	117	A	H
	*	5260	101.52	-	-	93.89	31.82	8.3	32.49	100	117	P	H
	*	5260	93.89	-	-	86.26	31.82	8.3	32.49	100	117	A	H
		5385.36	48.82	-25.18	74	41.27	31.96	8.08	32.49	100	117	P	H
		5376	40.02	-13.98	54	32.46	31.94	8.11	32.49	100	117	A	H
		5091.12	49.06	-24.94	74	41.55	31.62	8.36	32.47	100	221	P	V
		5139.06	39.93	-14.07	54	32.38	31.66	8.37	32.48	100	221	A	V
	*	5260	101.99	-	-	94.36	31.82	8.3	32.49	100	221	P	V
	*	5260	94.18	-	-	86.55	31.82	8.3	32.49	100	221	A	V
		5430	48.48	-25.52	74	40.81	32.02	8.15	32.5	100	221	P	V
		5452.8	39.86	-14.14	54	32.13	32.04	8.19	32.5	100	221	A	V
802.11a CH 60 5300MHz		5005.44	47.97	-26.03	74	40.6	31.52	8.32	32.47	100	118	P	H
		5149.26	39.69	-14.31	54	32.11	31.68	8.38	32.48	100	118	A	H
	*	5300	101.84	-	-	94.23	31.86	8.24	32.49	100	118	P	H
	*	5300	94.02	-	-	86.41	31.86	8.24	32.49	100	118	A	H
		5419.68	47.93	-26.07	74	40.33	32	8.1	32.5	100	118	P	H
		5350.32	40.7	-13.3	54	33.12	31.92	8.15	32.49	100	118	A	H
		5029.92	49.76	-24.24	74	42.36	31.54	8.33	32.47	330	217	P	V
		5096.9	39.73	-14.27	54	32.23	31.62	8.36	32.48	330	217	A	V
	*	5300	102.24	-	-	94.63	31.86	8.24	32.49	330	217	P	V
	*	5300	93.73	-	-	86.12	31.86	8.24	32.49	330	217	A	V
		5398.8	48.2	-25.8	74	40.67	31.98	8.05	32.5	330	217	P	V
		5452.8	39.92	-14.08	54	32.19	32.04	8.19	32.5	330	217	A	V



802.11a CH 64 5320MHz	*	5320	100.91	-	-	93.31	31.88	8.21	32.49	100	116	P	H
	*	5320	93.53	-	-	85.93	31.88	8.21	32.49	100	116	A	H
		5372.48	50.7	-23.3	74	43.14	31.94	8.11	32.49	100	116	P	H
		5351.04	40.61	-13.39	54	33.03	31.92	8.15	32.49	100	116	A	H
													H
													H
	*	5320	103.24	-	-	95.64	31.88	8.21	32.49	278	206	P	V
	*	5320	95.02	-	-	87.42	31.88	8.21	32.49	278	206	A	V
		5350.72	48.53	-25.47	74	40.95	31.92	8.15	32.49	278	206	P	V
		5351.04	41.57	-12.43	54	33.99	31.92	8.15	32.49	278	206	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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	45.02	-28.98	74	59.7	39.71	11.92	66.31	100	0	P	H
		15780	42.46	-31.54	74	54.52	37.79	15.69	65.54	100	0	P	H
													H
													H
		10520	45.04	-28.96	74	59.72	39.71	11.92	66.31	100	0	P	V
		15780	42.26	-31.74	74	54.32	37.79	15.69	65.54	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	45.28	-28.72	74	59.86	39.78	11.98	66.34	100	0	P	H
		15900	42.03	-31.97	74	54.48	37.53	15.75	65.73	100	0	P	H
													H
													H
		10600	45.58	-28.42	74	60.16	39.78	11.98	66.34	100	0	P	V
		15900	41.33	-32.67	74	53.78	37.53	15.75	65.73	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	45.31	-28.69	74	59.85	39.81	12.01	66.36	100	0	P	H
		15960	41.34	-32.66	74	54.02	37.38	15.78	65.84	100	0	P	H
													H
													H
		10640	46.64	-27.36	74	61.18	39.81	12.01	66.36	100	0	P	V
		15960	41.54	-32.46	74	54.22	37.38	15.78	65.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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		5027.88	48.45	-25.55	74	41.05	31.54	8.33	32.47	100	117	P	H
		5131.58	39.76	-14.24	54	32.21	31.66	8.37	32.48	100	117	A	H
	*	5260	102.02	-	-	94.39	31.82	8.3	32.49	100	117	P	H
	*	5260	93.68	-	-	86.05	31.82	8.3	32.49	100	117	A	H
		5439.12	47.87	-26.13	74	40.2	32.02	8.15	32.5	100	117	P	H
		5375.76	40.11	-13.89	54	32.55	31.94	8.11	32.49	100	117	A	H
		5080.92	48.4	-25.6	74	40.92	31.6	8.35	32.47	254	201	P	V
		5145.52	39.73	-14.27	54	32.15	31.68	8.38	32.48	254	201	A	V
	*	5260	103	-	-	95.37	31.82	8.3	32.49	254	201	P	V
	*	5260	94.51	-	-	86.88	31.82	8.3	32.49	254	201	A	V
		5430.72	47.46	-26.54	74	39.79	32.02	8.15	32.5	254	201	P	V
		5452.56	40.42	-13.58	54	32.69	32.04	8.19	32.5	254	201	A	V
802.11n HT20 CH 60 5300MHz		5148.92	48.3	-25.7	74	40.72	31.68	8.38	32.48	100	112	P	H
		5032.3	39.73	-14.27	54	32.33	31.54	8.33	32.47	100	112	A	H
	*	5300	102.01	-	-	94.4	31.86	8.24	32.49	100	112	P	H
	*	5300	94.91	-	-	87.3	31.86	8.24	32.49	100	112	A	H
		5353.44	48.44	-25.56	74	40.86	31.92	8.15	32.49	100	112	P	H
		5376	40.49	-13.51	54	32.93	31.94	8.11	32.49	100	112	A	H
		5105.74	49.06	-24.94	74	41.54	31.64	8.36	32.48	240	195	P	V
		5131.92	39.68	-14.32	54	32.13	31.66	8.37	32.48	240	195	A	V
	*	5300	103.71	-	-	96.1	31.86	8.24	32.49	240	195	P	V
	*	5300	96.41	-	-	88.8	31.86	8.24	32.49	240	195	A	V
		5359.92	48.88	-25.12	74	41.34	31.92	8.11	32.49	240	195	P	V
		5350.32	41.12	-12.88	54	33.54	31.92	8.15	32.49	240	195	A	V



802.11n HT20 CH 64 5320MHz	*	5320	102.8	-	-	95.2	31.88	8.21	32.49	100	117	P	H
	*	5320	95.5	-	-	87.9	31.88	8.21	32.49	100	117	A	H
		5364.48	48.67	-25.33	74	41.11	31.94	8.11	32.49	100	117	P	H
		5375.84	40.8	-13.2	54	33.24	31.94	8.11	32.49	100	117	A	H
													H
													H
	*	5320	103.7	-	-	96.1	31.88	8.21	32.49	237	194	P	V
	*	5320	96.5	-	-	88.9	31.88	8.21	32.49	237	194	A	V
		5360	51.61	-22.39	74	44.07	31.92	8.11	32.49	237	194	P	V
		5351.84	41.66	-12.34	54	34.08	31.92	8.15	32.49	237	194	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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	45.49	-28.51	74	60.17	39.71	11.92	66.31	100	0	P	H
		15780	43.34	-30.66	74	55.4	37.79	15.69	65.54	100	0	P	H
													H
													H
		10520	44.91	-29.09	74	59.59	39.71	11.92	66.31	100	0	P	V
		15780	42.88	-31.12	74	54.94	37.79	15.69	65.54	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	44.56	-29.44	74	59.14	39.78	11.98	66.34	100	0	P	H
		15900	41.92	-32.08	74	54.37	37.53	15.75	65.73	100	0	P	H
													H
													H
		10600	45.5	-28.5	74	60.08	39.78	11.98	66.34	100	0	P	V
		15900	42.17	-31.83	74	54.62	37.53	15.75	65.73	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	46.19	-27.81	74	60.73	39.81	12.01	66.36	100	0	P	H
		15960	41.52	-32.48	74	54.2	37.38	15.78	65.84	100	0	P	H
													H
													H
		10640	45.5	-28.5	74	60.04	39.81	12.01	66.36	100	0	P	V
		15960	41.38	-32.62	74	54.06	37.38	15.78	65.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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		5063.92	48.11	-25.89	74	40.66	31.58	8.34	32.47	100	117	P	H
		5056.1	40.42	-13.58	54	32.97	31.58	8.34	32.47	100	117	A	H
	*	5270	98.69	-	-	91.09	31.82	8.27	32.49	100	117	P	H
	*	5270	90.18	-	-	82.58	31.82	8.27	32.49	100	117	A	H
		5368.56	49.63	-24.37	74	42.07	31.94	8.11	32.49	100	117	P	H
		5357.04	41.27	-12.73	54	33.69	31.92	8.15	32.49	100	117	A	H
		5147.56	47.99	-26.01	74	40.41	31.68	8.38	32.48	100	217	P	V
		5125.12	40.6	-13.4	54	33.05	31.66	8.37	32.48	100	217	A	V
	*	5270	97.74	-	-	90.14	31.82	8.27	32.49	100	217	P	V
	*	5270	90.42	-	-	82.82	31.82	8.27	32.49	100	217	A	V
		5356.08	47.93	-26.07	74	40.35	31.92	8.15	32.49	100	217	P	V
		5357.28	40.74	-13.26	54	33.16	31.92	8.15	32.49	100	217	A	V
802.11n HT40 CH 62 5310MHz		5093.84	48.07	-25.93	74	40.57	31.62	8.36	32.48	107	116	P	H
		5147.22	40.37	-13.63	54	32.79	31.68	8.38	32.48	107	116	A	H
	*	5310	99.37	-	-	91.77	31.88	8.21	32.49	107	116	P	H
	*	5310	90.82	-	-	83.22	31.88	8.21	32.49	107	116	A	H
		5355.6	48.1	-25.9	74	40.52	31.92	8.15	32.49	107	116	P	H
		5357.52	42.19	-11.81	54	34.61	31.92	8.15	32.49	107	116	A	H
		5087.72	48.22	-25.78	74	40.74	31.6	8.35	32.47	100	216	P	V
		5149.26	40.47	-13.53	54	32.89	31.68	8.38	32.48	100	216	A	V
	*	5310	97.43	-	-	89.83	31.88	8.21	32.49	100	216	P	V
	*	5310	90.53	-	-	82.93	31.88	8.21	32.49	100	216	A	V
		5350.32	49.89	-24.11	74	42.31	31.92	8.15	32.49	100	216	P	V
		5350.08	43.4	-10.6	54	35.82	31.92	8.15	32.49	100	216	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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)
802.11ac VHT80 CH 58 5290MHz		5105.4	48.52	-25.48	74	41.02	31.62	8.36	32.48	100	116	P	H
		5090.44	40.47	-13.53	54	32.96	31.62	8.36	32.47	100	116	A	H
	*	5290	96.52	-	-	88.93	31.84	8.24	32.49	100	116	P	H
	*	5290	88.01	-	-	80.42	31.84	8.24	32.49	100	116	A	H
		5360.16	54.18	-19.82	74	46.64	31.92	8.11	32.49	100	116	P	H
		5360.64	47.13	-6.87	54	39.57	31.94	8.11	32.49	100	116	A	H
		5142.12	48.74	-25.26	74	41.17	31.68	8.37	32.48	280	209	P	V
		5092.48	40.37	-13.63	54	32.86	31.62	8.36	32.47	280	209	A	V
	*	5290	97	-	-	89.41	31.84	8.24	32.49	280	209	P	V
	*	5290	89.02	-	-	81.43	31.84	8.24	32.49	280	209	A	V
		5365.68	53.15	-20.85	74	45.59	31.94	8.11	32.49	280	209	P	V
		5350.08	47.32	-6.68	54	39.74	31.92	8.15	32.49	280	209	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5469.04	48.47	-25.53	74	40.67	32.06	8.24	32.5	102	120	P	H
		5462.16	40.9	-13.1	54	33.17	32.04	8.19	32.5	102	120	A	H
	*	5500	99.17	-	-	91.28	32.1	8.29	32.5	102	120	P	H
	*	5500	93.3	-	-	85.41	32.1	8.29	32.5	102	120	A	H
													H
													H
		5453.04	48.38	-25.62	74	40.65	32.04	8.19	32.5	226	194	P	V
		5452.88	41.97	-12.03	54	34.24	32.04	8.19	32.5	226	194	A	V
	*	5500	100.62	-	-	92.73	32.1	8.29	32.5	226	194	P	V
	*	5500	93.6	-	-	85.71	32.1	8.29	32.5	226	194	A	V
													V
													V
802.11a CH 116 5580MHz		5443.6	48.39	-25.61	74	40.72	32.02	8.15	32.5	100	118	P	H
		5453.44	39.93	-14.07	54	32.2	32.04	8.19	32.5	100	118	A	H
	*	5580	98.74	-	-	90.58	32.17	8.53	32.54	100	118	P	H
	*	5580	91.45	-	-	83.29	32.17	8.53	32.54	100	118	A	H
		5739.8	48.69	-25.31	74	39.87	32.34	9.07	32.59	100	118	P	H
		5759.96	40.73	-13.27	54	31.83	32.36	9.14	32.6	100	118	A	H
		5462.56	47.46	-26.54	74	39.71	32.06	8.19	32.5	205	191	P	V
		5452.72	41.09	-12.91	54	33.36	32.04	8.19	32.5	205	191	A	V
	*	5580	98.71	-	-	90.55	32.17	8.53	32.54	205	191	P	V
	*	5580	90.28	-	-	82.12	32.17	8.53	32.54	205	191	A	V
		5762.165	48.86	-25.14	74	39.96	32.36	9.14	32.6	205	191	P	V
		5759.96	40.78	-13.22	54	31.88	32.36	9.14	32.6	205	191	A	V



802.11a CH 140 5700MHz	*	5700	99.72	-	-	91.05	32.29	8.95	32.57	100	118	P	H
	*	5700	91.5	-	-	82.83	32.29	8.95	32.57	100	118	A	H
		5726.92	53.82	-20.18	74	45.07	32.32	9.01	32.58	100	118	P	H
		5725.24	41.41	-12.59	54	32.66	32.32	9.01	32.58	100	118	A	H
													H
													H
	*	5700	97.45	-	-	88.78	32.29	8.95	32.57	106	188	P	V
	*	5700	89.59	-	-	80.92	32.29	8.95	32.57	106	188	A	V
		5730.6	50.35	-23.65	74	41.61	32.32	9.01	32.59	106	188	P	V
		5725.4	41.23	-12.77	54	32.48	32.32	9.01	32.58	106	188	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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	45.38	-28.62	74	59.47	40.1	12.31	66.5	100	0	P	H
		16500	43.69	-30.31	74	55.09	38.8	16.2	66.4	100	0	P	H
													H
													H
		11000	45.26	-28.74	74	59.35	40.1	12.31	66.5	100	0	P	V
		16500	43.27	-30.73	74	54.67	38.8	16.2	66.4	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	44.8	-29.2	74	58.75	40	12.45	66.4	100	0	P	H
		16740	43.84	-30.16	74	54.48	39.33	16.38	66.35	100	0	P	H
													H
													H
		11160	44.03	-29.97	74	57.98	40	12.45	66.4	100	0	P	V
		16740	45.27	-28.73	74	55.91	39.33	16.38	66.35	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	44.49	-29.51	74	58.23	39.86	12.66	66.26	100	0	P	H
		17100	45.07	-28.93	74	54.21	40.38	16.66	66.18	100	0	P	H
													H
													H
		11400	44.05	-29.95	74	57.79	39.86	12.66	66.26	100	0	P	V
		17100	45.91	-28.09	74	55.05	40.38	16.66	66.18	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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		5468.56	48.18	-25.82	74	40.38	32.06	8.24	32.5	100	119	P	H
		5462.64	40.81	-13.19	54	33.06	32.06	8.19	32.5	100	119	A	H
	*	5500	101.89	-	-	94	32.1	8.29	32.5	100	119	P	H
	*	5500	93.49	-	-	85.6	32.1	8.29	32.5	100	119	A	H
													H
													H
		5460.4	49.68	-24.32	74	41.95	32.04	8.19	32.5	225	195	P	V
		5452.72	42.45	-11.55	54	34.72	32.04	8.19	32.5	225	195	A	V
	*	5500	100.59	-	-	92.7	32.1	8.29	32.5	225	195	P	V
	*	5500	93.29	-	-	85.4	32.1	8.29	32.5	225	195	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5437.6	48.45	-25.55	74	40.78	32.02	8.15	32.5	100	118	P	H
		5452.72	39.89	-14.11	54	32.16	32.04	8.19	32.5	100	118	A	H
	*	5580	100.76	-	-	92.6	32.17	8.53	32.54	100	118	P	H
	*	5580	93.46	-	-	85.3	32.17	8.53	32.54	100	118	A	H
		5732.555	49.25	-24.75	74	40.51	32.32	9.01	32.59	100	118	P	H
		5750.195	40.81	-13.19	54	31.99	32.34	9.07	32.59	100	118	A	H
		5434.72	47.17	-26.83	74	39.5	32.02	8.15	32.5	231	195	P	V
		5452.72	41.14	-12.86	54	33.41	32.04	8.19	32.5	231	195	A	V
	*	5580	98.26	-	-	90.1	32.17	8.53	32.54	231	195	P	V
	*	5580	90.96	-	-	82.8	32.17	8.53	32.54	231	195	A	V
		5729.72	49.09	-24.91	74	40.34	32.32	9.01	32.58	231	195	P	V
		5759.96	40.78	-13.22	54	31.88	32.36	9.14	32.6	231	195	A	V



802.11n HT20 CH 140 5700MHz	*	5700	100.17	-	-	91.5	32.29	8.95	32.57	100	117	P	H
	*	5700	92.87	-	-	84.2	32.29	8.95	32.57	100	117	A	H
		5739.64	50.28	-23.72	74	41.46	32.34	9.07	32.59	100	117	P	H
		5760.2	41.36	-12.64	54	32.46	32.36	9.14	32.6	100	117	A	H
													H
													H
	*	5700	97.27	-	-	88.6	32.29	8.95	32.57	234	211	P	V
	*	5700	90.07	-	-	81.4	32.29	8.95	32.57	234	211	A	V
		5747.16	49.85	-24.15	74	41.03	32.34	9.07	32.59	234	211	P	V
		5759.96	40.99	-13.01	54	32.09	32.36	9.14	32.6	234	211	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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	45.18	-28.82	74	59.27	40.1	12.31	66.5	100	0	P	H
		16500	44.14	-29.86	74	55.54	38.8	16.2	66.4	100	0	P	H
													H
													H
		11000	45.45	-28.55	74	59.54	40.1	12.31	66.5	100	0	P	V
		16500	43	-31	74	54.4	38.8	16.2	66.4	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.72	-29.28	74	58.67	40	12.45	66.4	100	0	P	H
		16740	44.07	-29.93	74	54.71	39.33	16.38	66.35	100	0	P	H
													H
													H
		11160	44.37	-29.63	74	58.32	40	12.45	66.4	100	0	P	V
		16740	43.87	-30.13	74	54.51	39.33	16.38	66.35	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	44.05	-29.95	74	57.79	39.86	12.66	66.26	100	0	P	H
		17100	44.68	-29.32	74	53.82	40.38	16.66	66.18	100	0	P	H
													H
													H
		11400	44.24	-29.76	74	57.98	39.86	12.66	66.26	100	0	P	V
		17100	45.05	-28.95	74	54.19	40.38	16.66	66.18	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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		5465.68	49.5	-24.5	74	41.75	32.06	8.19	32.5	241	123	P	H
		5470	41.8	-12.2	54	34	32.06	8.24	32.5	241	123	A	H
	*	5510	96.03	-	-	88.1	32.1	8.34	32.51	241	123	P	H
	*	5510	89.36	-	-	81.43	32.1	8.34	32.51	241	123	A	H
		5760.905	50.29	-23.71	74	41.39	32.36	9.14	32.6	241	123	P	H
		5738.225	41.23	-12.77	54	32.41	32.34	9.07	32.59	241	123	A	H
		5468.32	49.98	-24.02	74	42.18	32.06	8.24	32.5	239	192	P	V
		5452.72	43.66	-10.34	54	35.93	32.04	8.19	32.5	239	192	A	V
	*	5510	96.38	-	-	88.45	32.1	8.34	32.51	239	192	P	V
	*	5510	88.87	-	-	80.94	32.1	8.34	32.51	239	192	A	V
		5750.195	49.25	-24.75	74	40.43	32.34	9.07	32.59	239	192	P	V
		5755.865	41.05	-12.95	54	32.15	32.36	9.14	32.6	239	192	A	V
802.11n HT40 CH 110 5550MHz		5419.12	46.93	-27.07	74	39.33	32	8.1	32.5	230	125	P	H
		5452.48	41.27	-12.73	54	33.54	32.04	8.19	32.5	230	125	A	H
	*	5550	95.73	-	-	87.66	32.15	8.44	32.52	230	125	P	H
	*	5550	88.78	-	-	80.71	32.15	8.44	32.52	230	125	A	H
		5736.965	50.13	-23.87	74	41.31	32.34	9.07	32.59	230	125	P	H
		5754.29	41.45	-12.55	54	32.54	32.36	9.14	32.59	230	125	A	H
		5397.52	47.98	-26.02	74	40.44	31.98	8.05	32.49	219	189	P	V
		5452.72	41.94	-12.06	54	34.21	32.04	8.19	32.5	219	189	A	V
	*	5550	95.09	-	-	87.02	32.15	8.44	32.52	219	189	P	V
	*	5550	87.09	-	-	79.02	32.15	8.44	32.52	219	189	A	V
		5753.345	49.13	-24.87	74	40.29	32.36	9.07	32.59	219	189	P	V
		5755.55	41.13	-12.87	54	32.22	32.36	9.14	32.59	219	189	A	V



802.11n HT40 CH 134 5670MHz		5396.2	48.28	-25.72	74	40.74	31.98	8.05	32.49	100	119	P	H
		5467.25	40.07	-13.93	54	32.27	32.06	8.24	32.5	100	119	A	H
	*	5670	96.95	-	-	88.41	32.27	8.83	32.56	100	119	P	H
	*	5670	89.08	-	-	80.54	32.27	8.83	32.56	100	119	A	H
		5752.925	49.54	-24.46	74	40.7	32.36	9.07	32.59	100	119	P	H
		5760.275	41.56	-12.44	54	32.66	32.36	9.14	32.6	100	119	A	H
		5419.65	48.16	-25.84	74	40.56	32	8.1	32.5	100	190	P	V
		5448.35	39.88	-14.12	54	32.15	32.04	8.19	32.5	100	190	A	V
	*	5670	93.13	-	-	84.59	32.27	8.83	32.56	100	190	P	V
	*	5670	85.95	-	-	77.41	32.27	8.83	32.56	100	190	A	V
		5764.475	50.08	-23.92	74	41.18	32.36	9.14	32.6	100	190	P	V
		5746.8	41.72	-12.28	54	32.9	32.34	9.07	32.59	100	190	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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)
802.11ac VHT80 CH 106 5530MHz		5460.4	51.11	-22.89	74	43.38	32.04	8.19	32.5	100	120	P	H
		5464.48	43.41	-10.59	54	35.66	32.06	8.19	32.5	100	120	A	H
	*	5530	93.25	-	-	85.26	32.12	8.39	32.52	100	120	P	H
	*	5530	84.92	-	-	76.93	32.12	8.39	32.52	100	120	A	H
		5752.715	48.91	-25.09	74	40.07	32.36	9.07	32.59	100	120	P	H
		5759.645	41.4	-12.6	54	32.5	32.36	9.14	32.6	100	120	A	H
		5464.96	51.13	-22.87	74	43.38	32.06	8.19	32.5	240	195	P	V
		5467.36	44.91	-9.09	54	37.11	32.06	8.24	32.5	240	195	A	V
	*	5530	91.9	-	-	83.91	32.12	8.39	32.52	240	195	P	V
	*	5530	84.7	-	-	76.71	32.12	8.39	32.52	240	195	A	V
		5731.61	48.44	-25.56	74	39.7	32.32	9.01	32.59	240	195	P	V
		5734.76	40.97	-13.03	54	32.21	32.34	9.01	32.59	240	195	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	99.54	-	-	90.79	32.32	9.01	32.58	100	114	P	H
	*	5720	92.34	-	-	83.59	32.32	9.01	32.58	100	114	A	H
													H
													H
													H
													H
	*	5720	97.78	-	-	89.03	32.32	9.01	32.58	100	190	P	V
	*	5720	90.69	-	-	81.94	32.32	9.01	32.58	100	190	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	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 144 5720MHz	*	5720	99.63	-	-	90.88	32.32	9.01	32.58	100	118	P	H
	*	5720	92.38	-	-	83.63	32.32	9.01	32.58	100	118	A	H
													H
													H
													H
													H
	*	5720	97.86	-	-	89.11	32.32	9.01	32.58	100	189	P	V
	*	5720	90.58	-	-	81.83	32.32	9.01	32.58	100	189	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	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 142 5710MHz	*	5710	97.32	-	-	88.64	32.31	8.95	32.58	100	120	P	H
	*	5710	90.1	-	-	81.42	32.31	8.95	32.58	100	120	A	H
													H
													H
													H
													H
	*	5710	95.39	-	-	86.71	32.31	8.95	32.58	100	189	P	V
	*	5710	88.17	-	-	79.49	32.31	8.95	32.58	100	189	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
802.11ac VHT80 CH 138 5690MHz	*	5690	94.43	-	-	85.82	32.29	8.89	32.57	101	120	P	H
	*	5690	87.34	-	-	78.73	32.29	8.89	32.57	101	120	A	H
													H
													H
													H
													H
	*	5690	91.89	-	-	83.28	32.29	8.89	32.57	100	189	P	V
	*	5690	84.84	-	-	76.23	32.29	8.89	32.57	100	189	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



EUT connect to Battery backpack
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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)
802.11ac VHT80 CH 58 5290MHz		5148.92	49.18	-24.82	74	41.6	31.68	8.38	32.48	104	118	P	H
		5014.62	40.27	-13.73	54	32.9	31.52	8.32	32.47	104	118	A	H
	*	5290	95.33	-	-	87.74	31.84	8.24	32.49	104	118	P	H
	*	5290	86.24	-	-	78.65	31.84	8.24	32.49	104	118	A	H
		5350.56	54.55	-19.45	74	46.97	31.92	8.15	32.49	104	118	P	H
		5352.96	48.3	-5.7	54	40.72	31.92	8.15	32.49	104	118	A	H
		5055.42	48.59	-25.41	74	41.14	31.58	8.34	32.47	240	199	P	V
		5060.86	40.12	-13.88	54	32.67	31.58	8.34	32.47	240	199	A	V
	*	5290	96.98	-	-	89.39	31.84	8.24	32.49	240	199	P	V
	*	5290	89.27	-	-	81.68	31.84	8.24	32.49	240	199	A	V
		5358.24	56.43	-17.57	74	48.89	31.92	8.11	32.49	240	199	P	V
		5361.12	49.66	-4.34	54	42.1	31.94	8.11	32.49	240	199	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



Emission below 1GHz
WIFI 802.11ac VHT80 (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 LF		90.48	29.75	-13.75	43.5	46.41	14.81	1.25	32.72	-	-	P	H
		165	29.14	-14.36	43.5	43.81	16.16	1.83	32.66	-	-	P	H
		196.86	31.13	-12.37	43.5	46.97	14.92	1.88	32.64	-	-	P	H
		556.2	34.36	-11.64	46	38.29	25.75	3.06	32.74	100	0	P	H
		606.6	33.48	-12.52	46	37.41	25.73	3.16	32.82	-	-	P	H
		654.9	32.59	-13.41	46	35.64	26.43	3.32	32.8	-	-	P	H
													H
													H
													H
													H
													H
													H
		47.01	38.08	-1.92	40	54.32	15.61	0.91	32.76	100	0	P	V
		90.21	29.94	-13.56	43.5	46.6	14.81	1.25	32.72	-	-	P	V
		163.92	28.5	-15	43.5	43.16	16.26	1.75	32.67	-	-	P	V
		556.9	35.33	-10.67	46	39.17	25.84	3.06	32.74	-	-	P	V
		599.6	36.29	-9.71	46	40.28	25.67	3.16	32.82	-	-	P	V
		639.5	33.57	-12.43	46	36.64	26.46	3.27	32.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(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 :	Daniel Lee, Master Huang, and J.C. Liang	Temperature :	18~22°C
		Relative Humidity :	48~53%

Note symbol

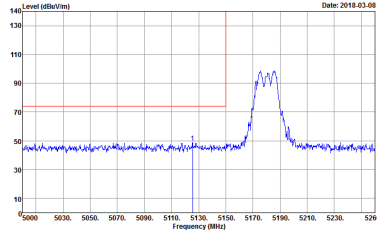
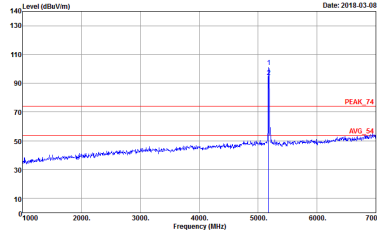
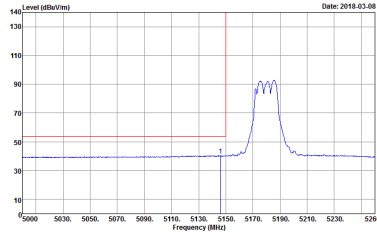
-L	Low channel location
-R	High channel location



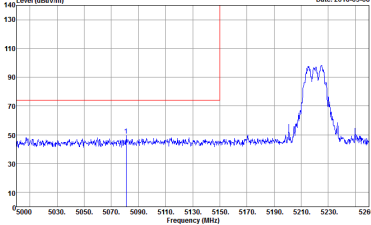
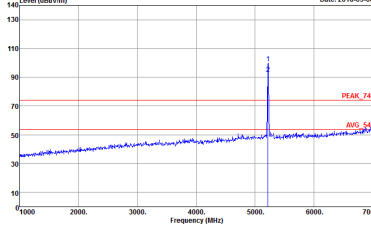
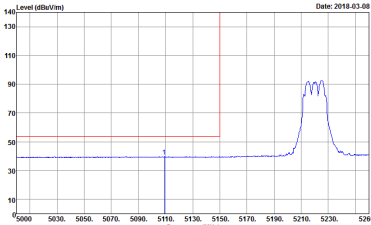
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1	Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1
Avg.	Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1	Left blank

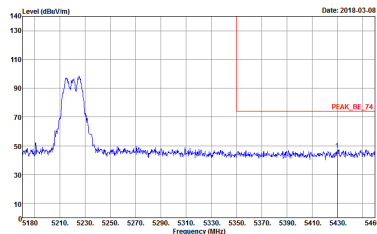
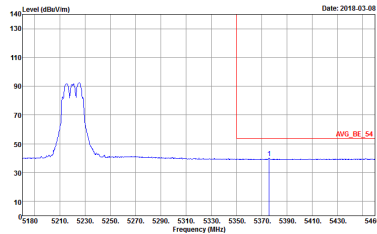


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1	Left blank

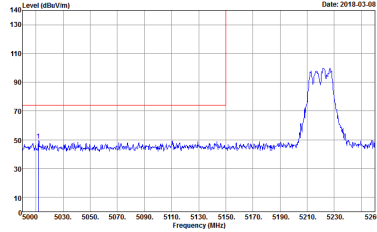
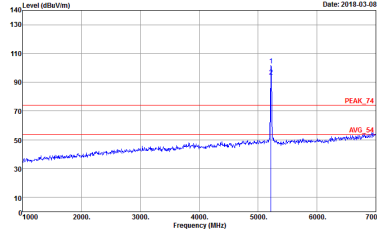
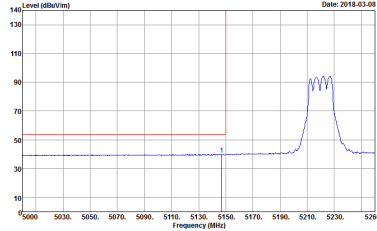


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 7D0829 2	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 7D0829 2
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Project : Peak Mode : 7D0829 2	Left blank

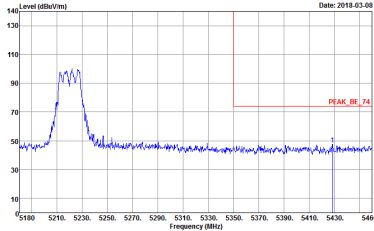
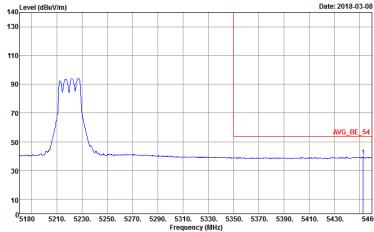


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z	Left blank

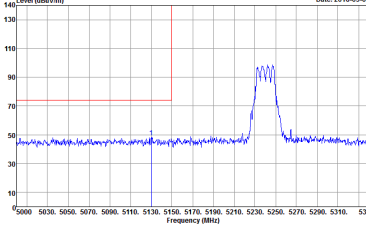
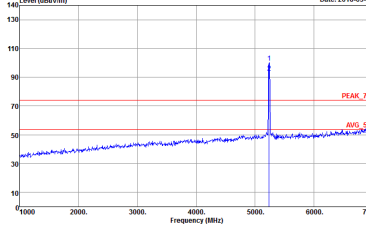
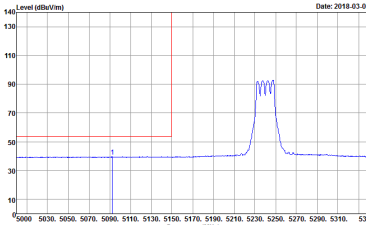


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z	Left blank

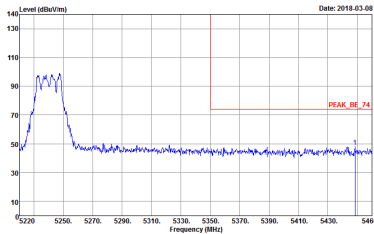
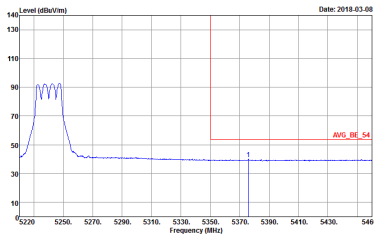


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z	Left blank

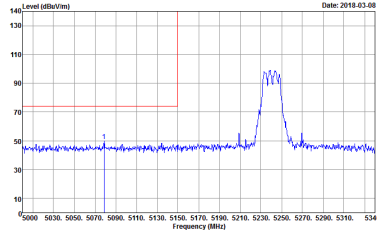
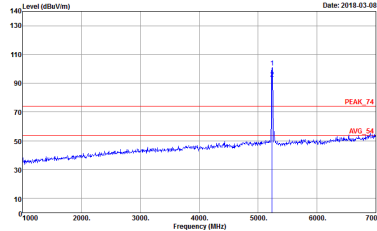
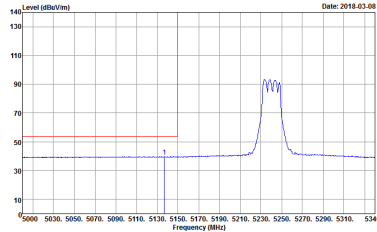


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3	Left blank

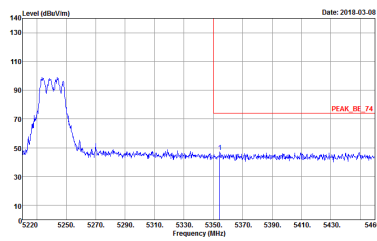
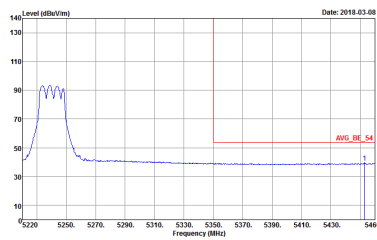


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3	Left blank



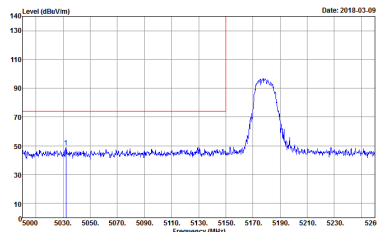
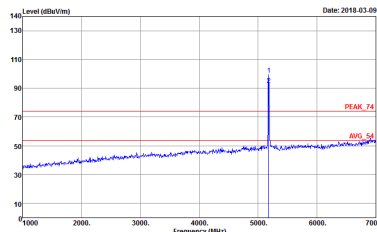
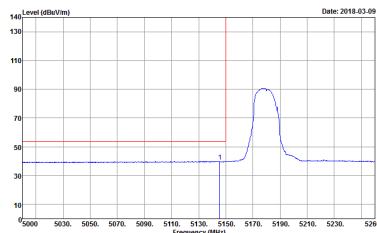
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3	Left blank

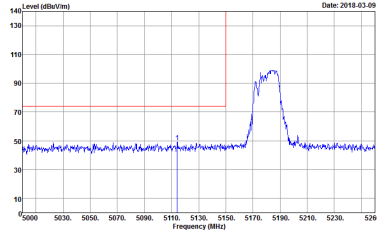
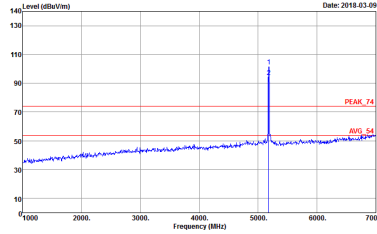
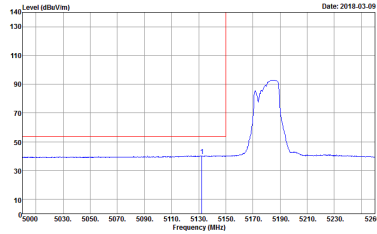


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 3	Left blank

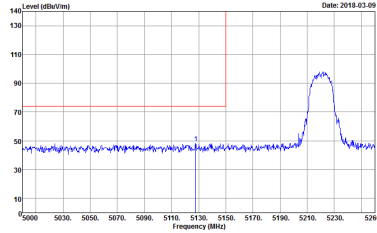
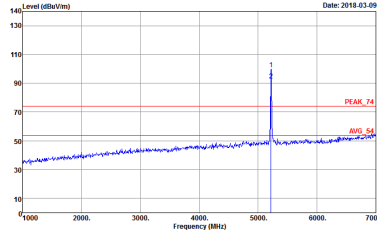
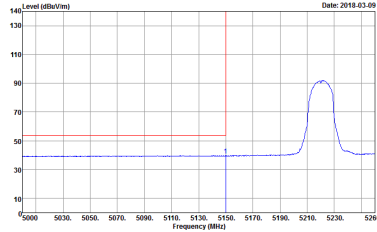


Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

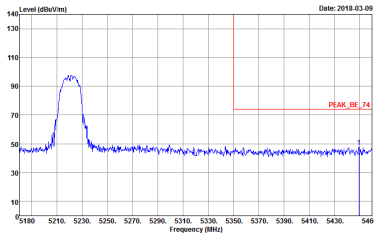
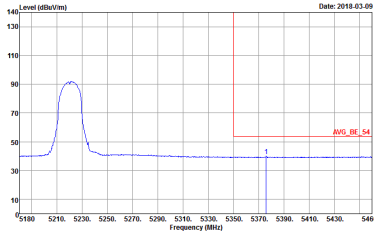
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 4	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 4
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 4	Left blank

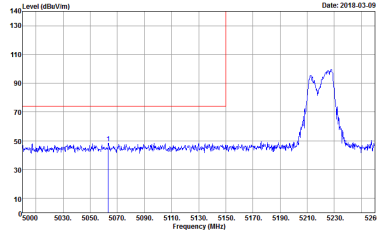
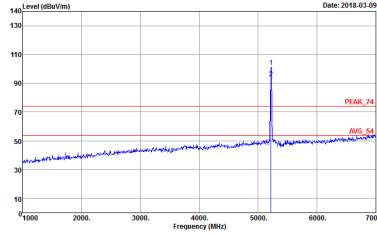
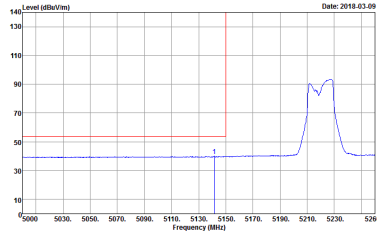
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 4	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 4
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 4	Left blank



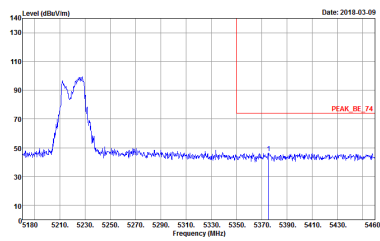
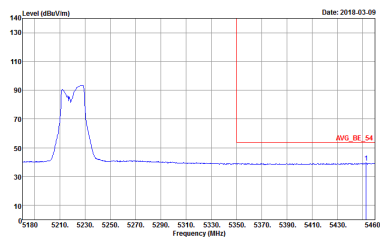
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5	Left blank



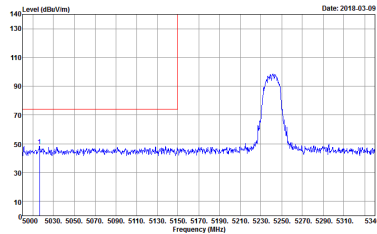
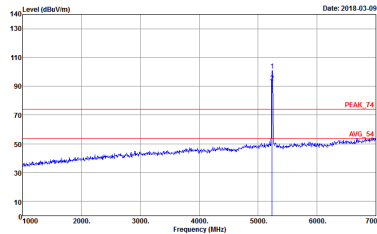
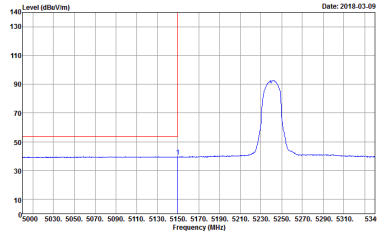
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5	Left blank

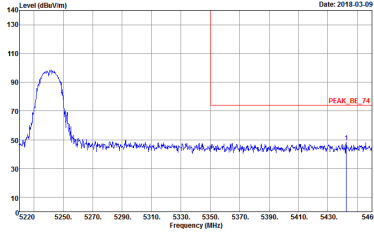
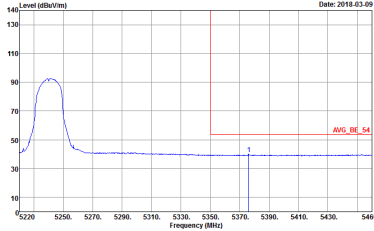


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 5	Left blank

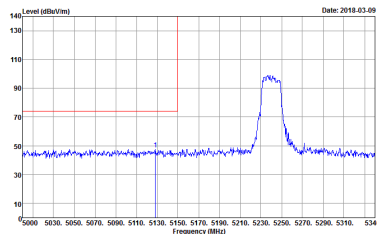
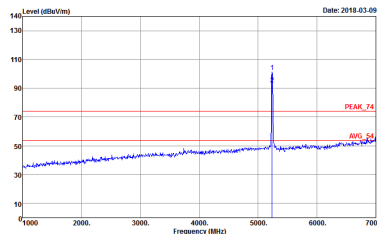
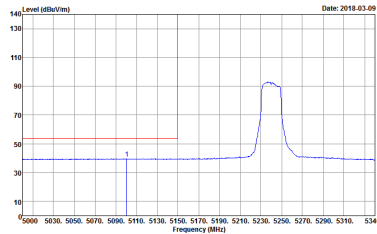


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6	Left blank

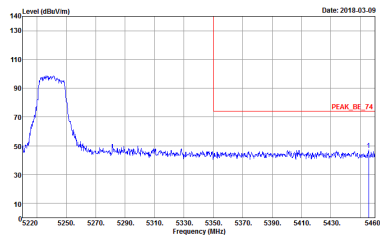
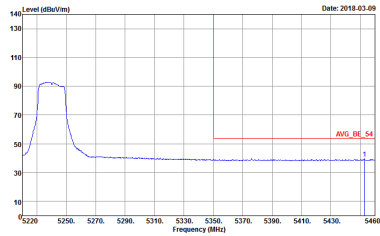


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6	Left blank



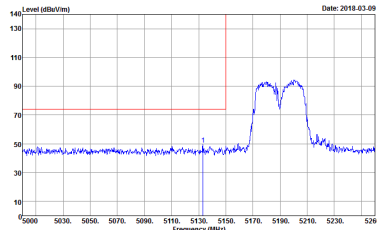
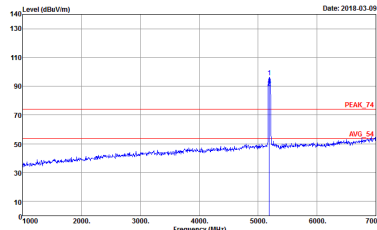
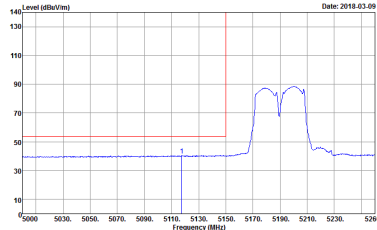
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6	Left blank



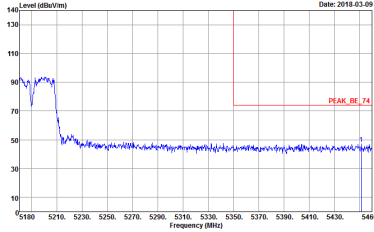
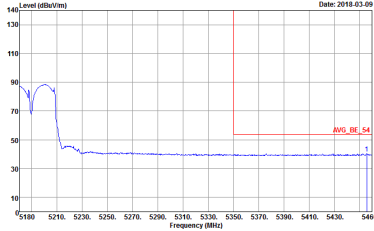
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 6	Left blank



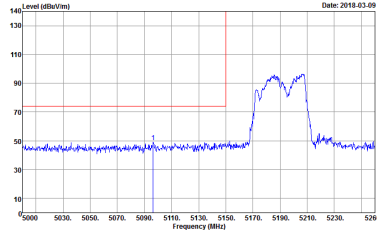
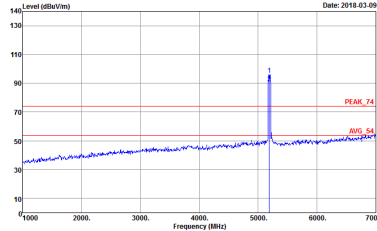
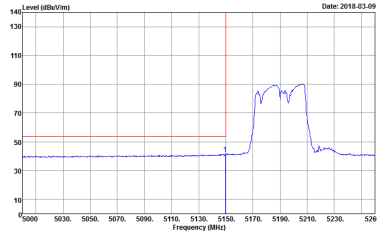
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7	Left blank

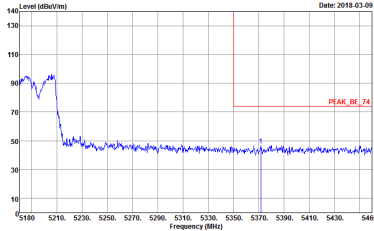
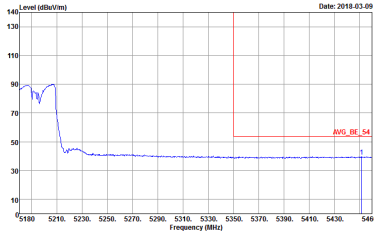


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7	Left blank

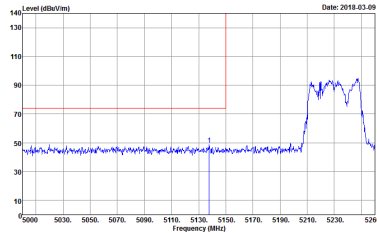
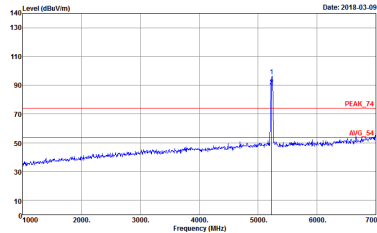
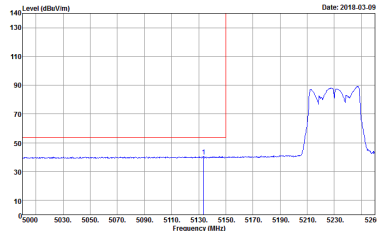


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7	Left blank

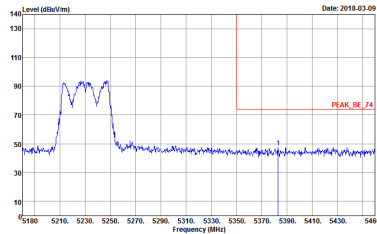
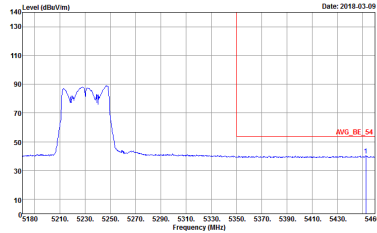


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 7	Left blank

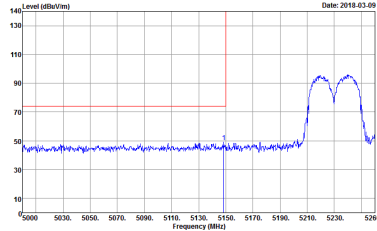
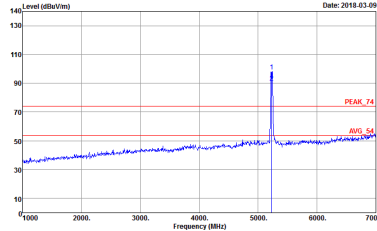
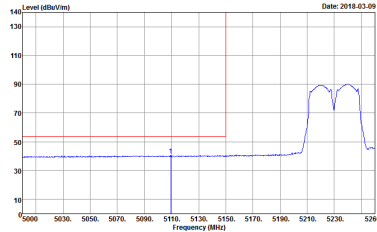


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 8	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 8
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 8	Left blank

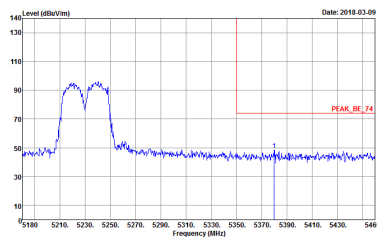
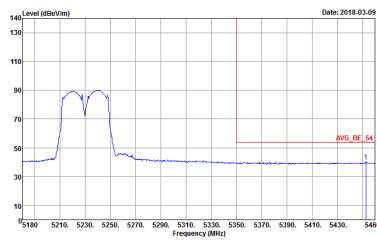


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : B	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : B	Left blank



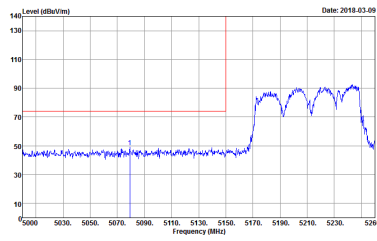
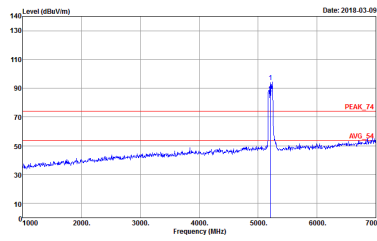
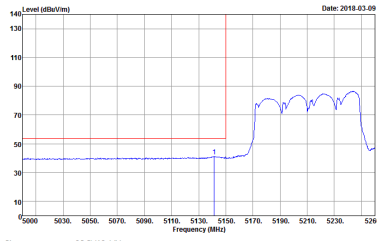
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 8	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 8
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 8	Left blank



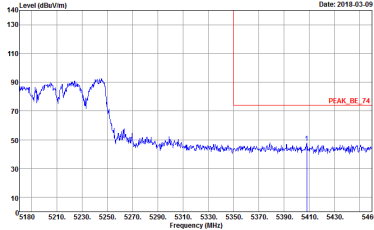
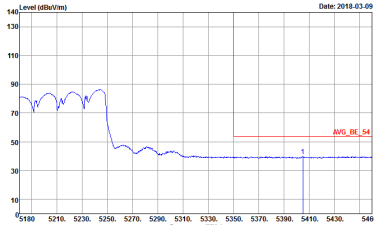
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 8	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 8	Left blank



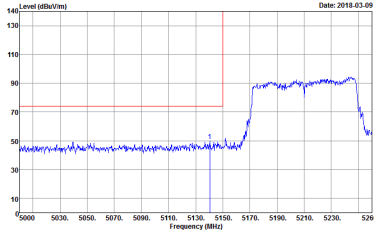
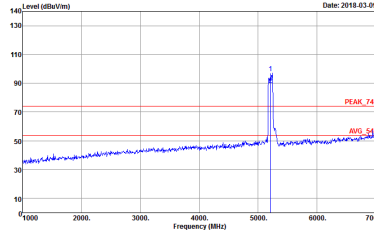
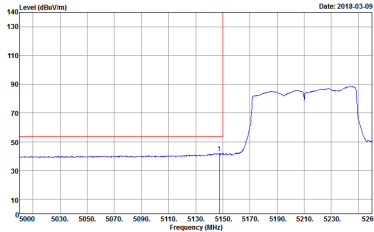
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9	Left blank

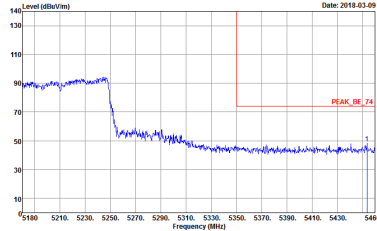
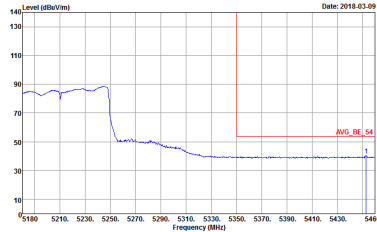


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9	Left blank



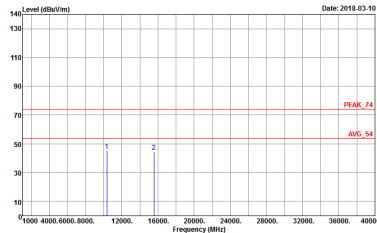
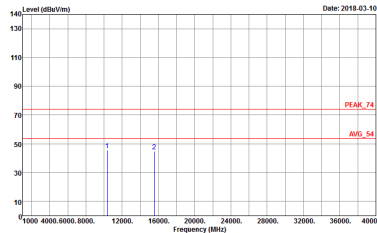
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 9	Left blank



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 1	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 1



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 2	Level (dBuV/m) Date: 2018-03-10 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 2



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 3	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 3



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 4	Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 4



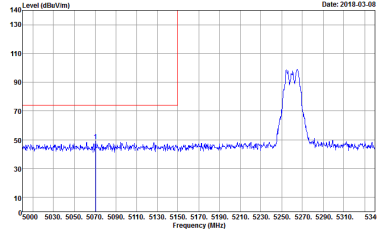
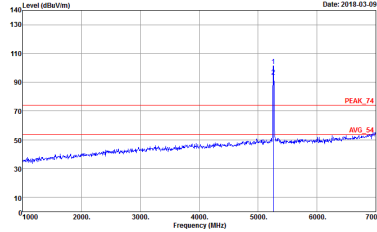
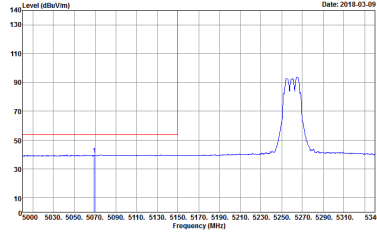
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 Frequency (MHz) Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 5	Level (dBuV/m) Date: 2018-03-10 Frequency (MHz) Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 5



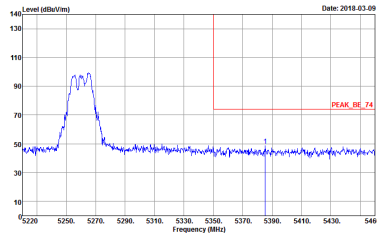
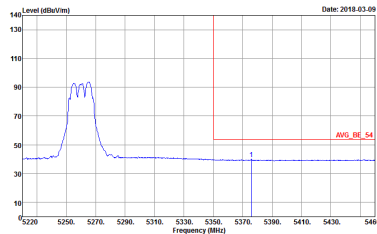
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 Frequency (MHz) Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 6	Level (dBuV/m) Date: 2018-03-10 Frequency (MHz) Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 6



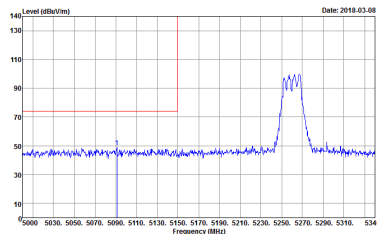
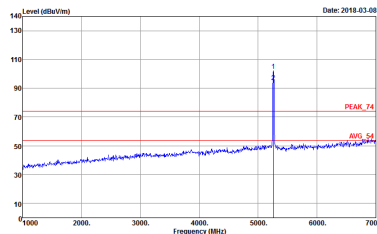
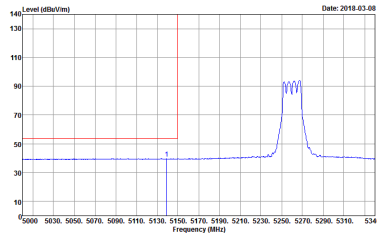
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 10	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 10
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 10	Left blank

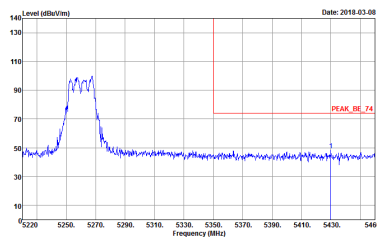
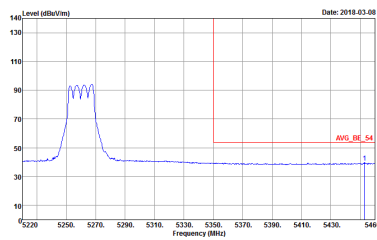


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : D0	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : D0	Left blank

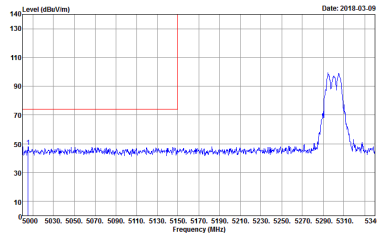
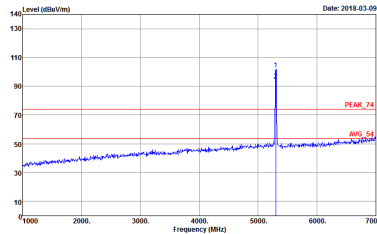
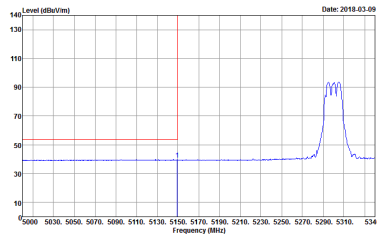


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 10	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 10
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 10	Left blank

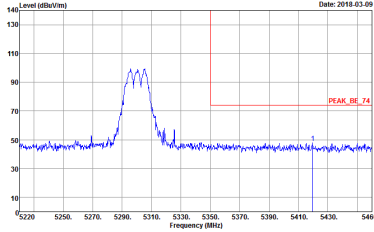
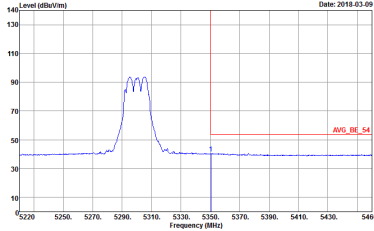


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : D	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : D	Left blank

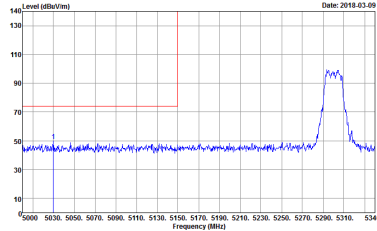
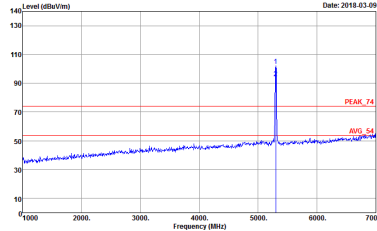
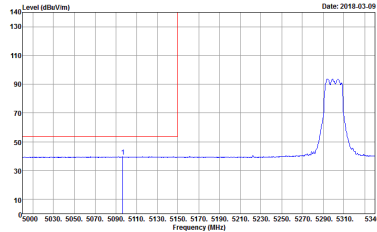


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11	Left blank

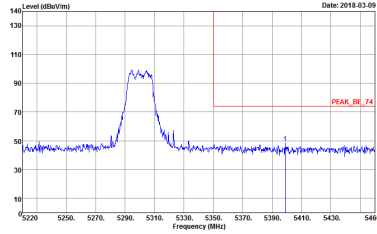
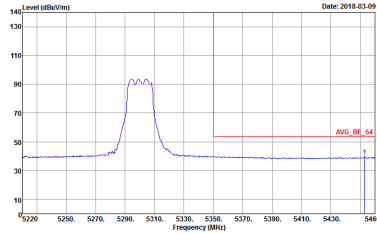


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11	Left blank

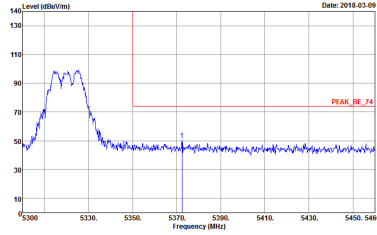
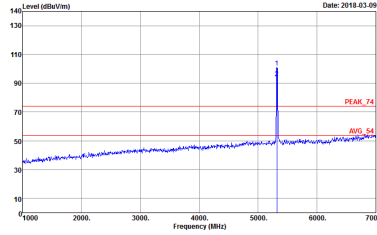
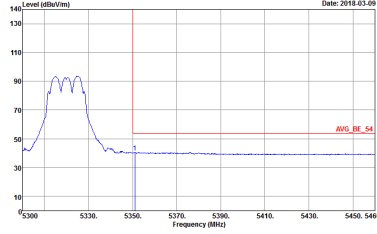


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11	Left blank

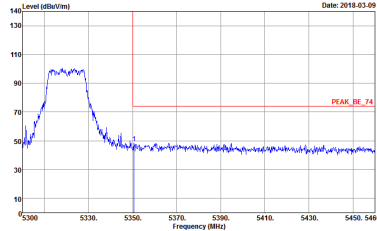
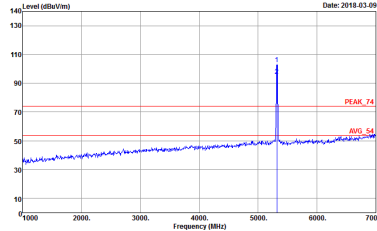
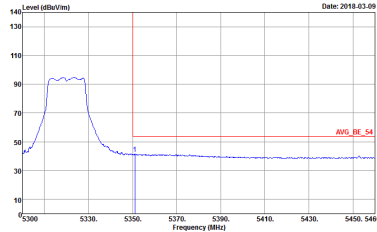


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 11	Left blank



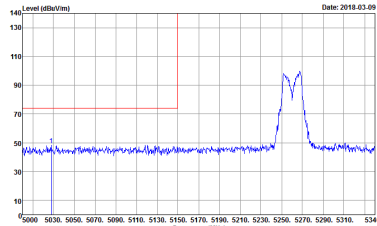
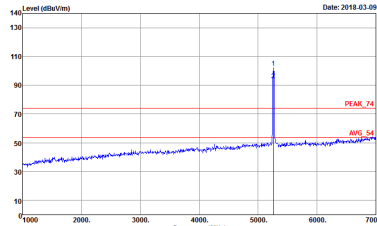
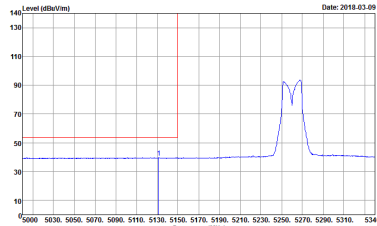
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 12	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 12
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 12	Left blank



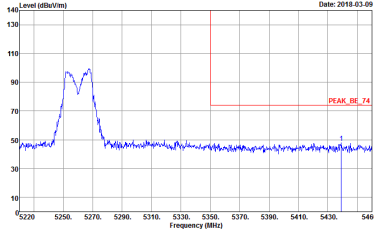
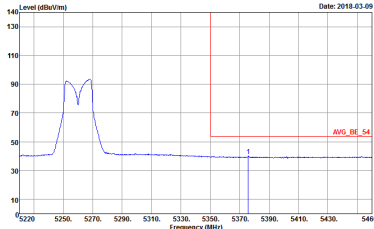
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 12	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 12
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 12	Left blank



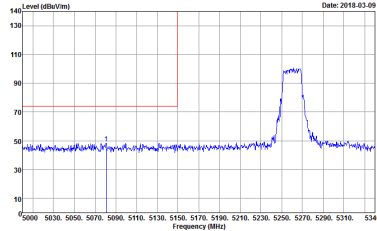
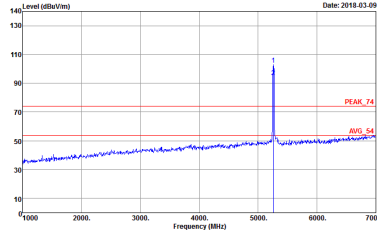
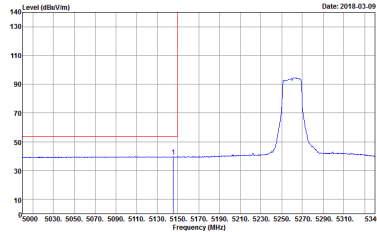
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 13	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 13
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 13	Left blank

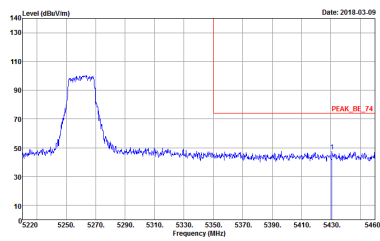
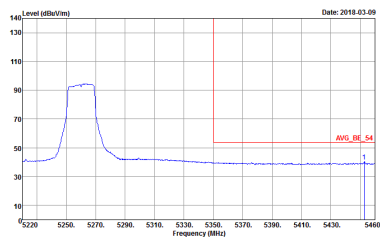


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 13	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 13	Left blank

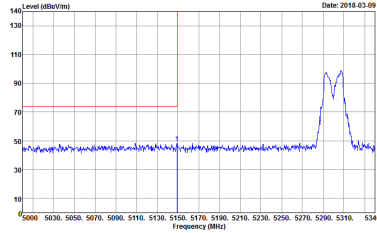
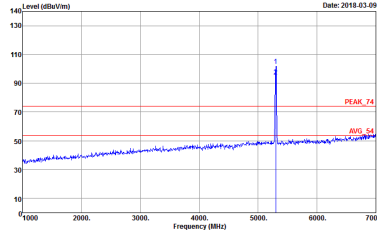
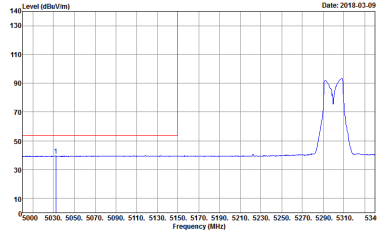


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 13	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 13
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 13	Left blank

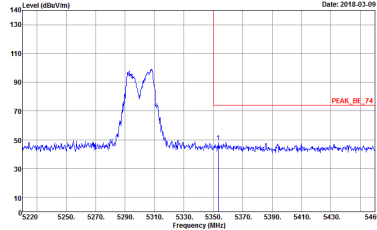
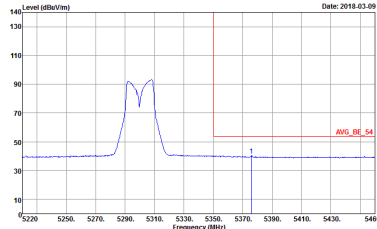


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 13	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 13	Left blank

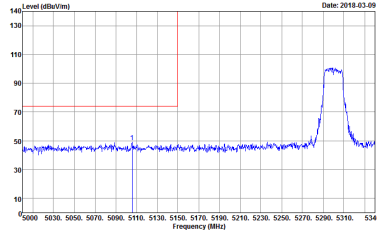
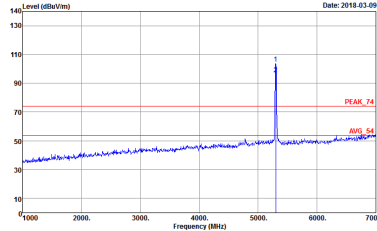
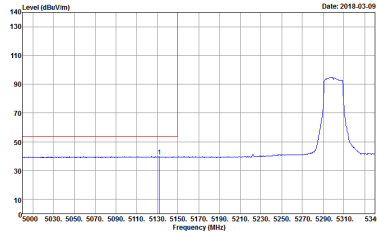


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14	Left blank

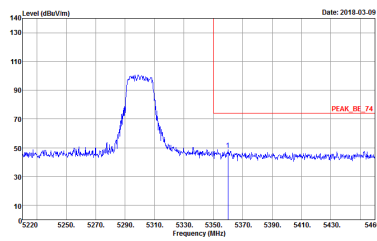
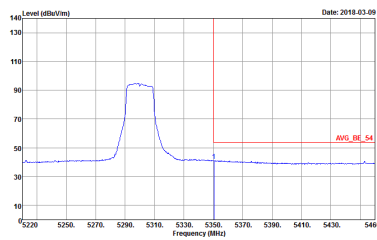


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14	Left blank

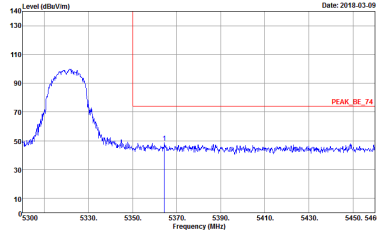
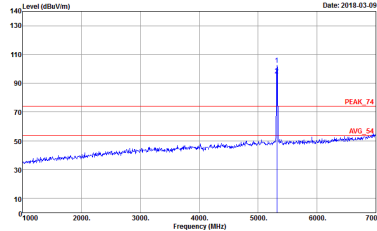
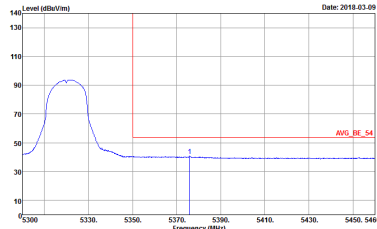


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14	Left blank

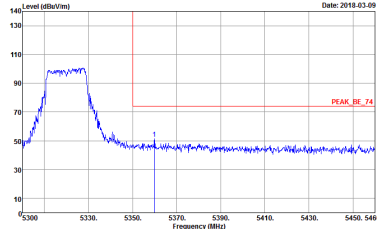
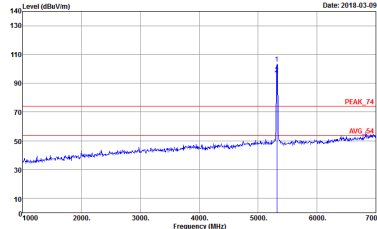
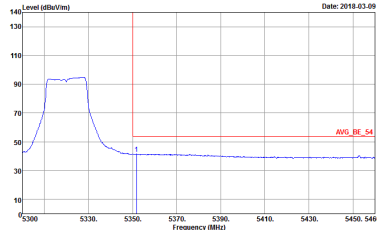


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 14	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 15	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 15
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 15	Left blank



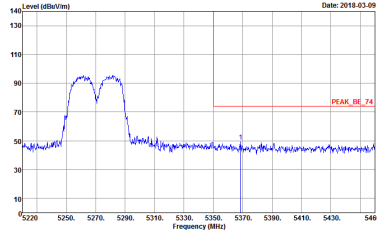
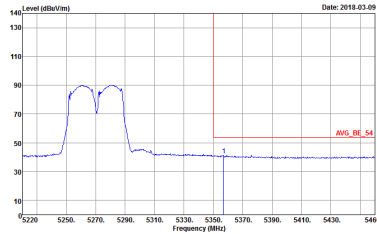
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 15	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 15
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 15	Left blank



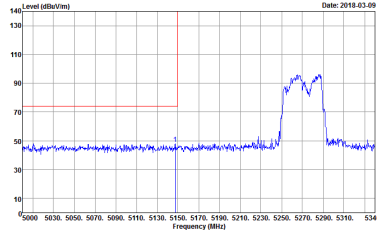
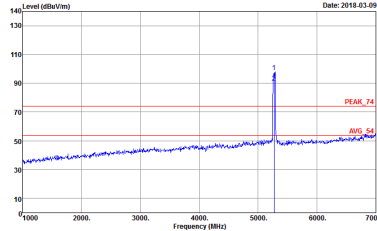
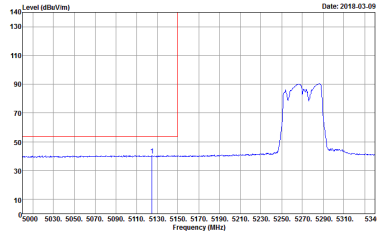
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 16	Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 16
Avg.	Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 16	Left blank

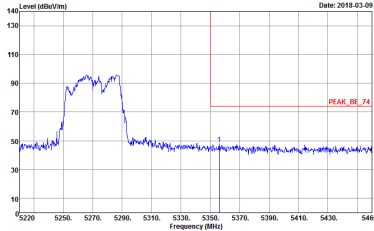
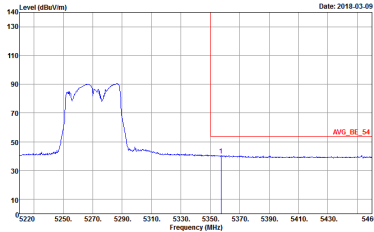


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 16	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 16	Left blank

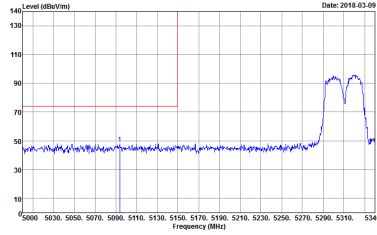
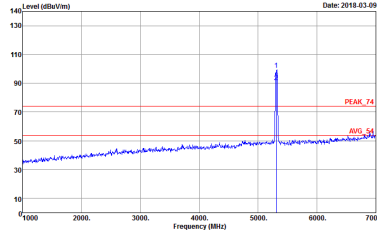
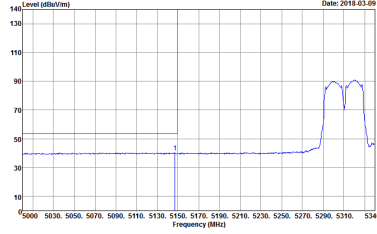


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1+2	Vertical	Vertical
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 16	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 16
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 16	Left blank

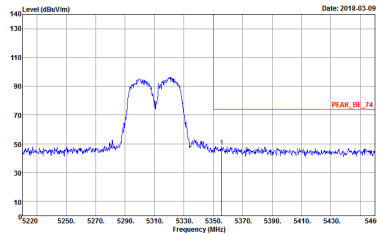
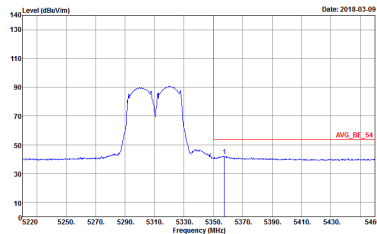


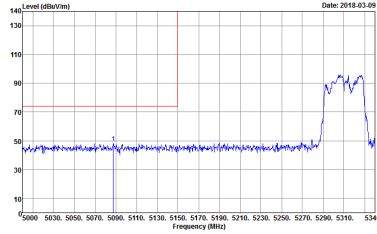
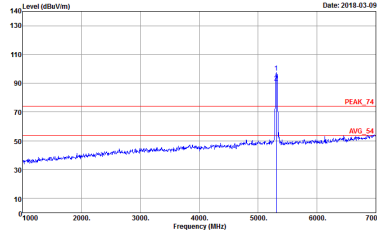
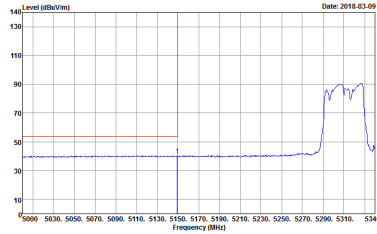
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1+2	Vertical	Vertical
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 16	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 16	Left blank



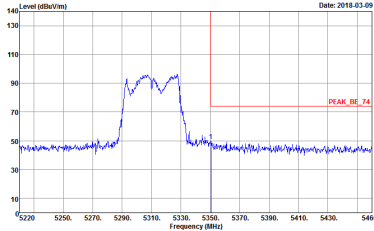
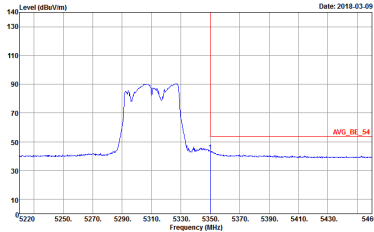
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17	Left blank

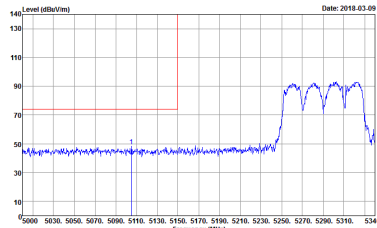
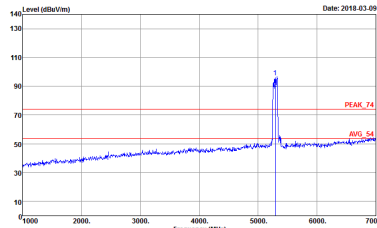
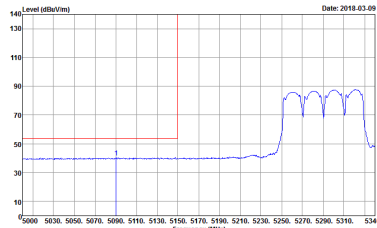
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17	Left blank



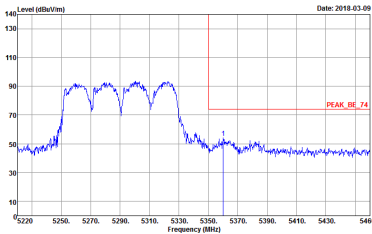
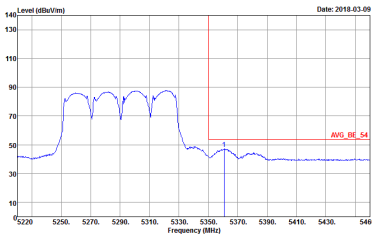
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 17	Left blank



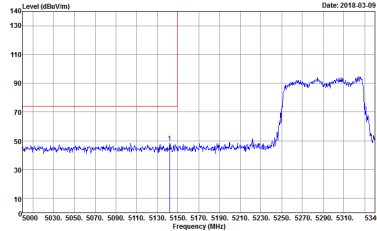
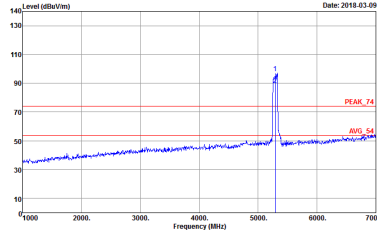
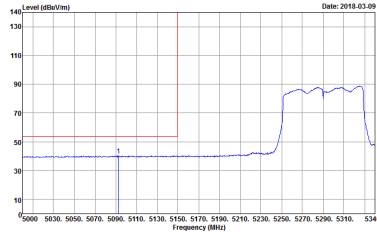
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-IHY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B	 Site : 03CH10-IHY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B
Avg.	 Site : 03CH10-IHY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B	Left blank

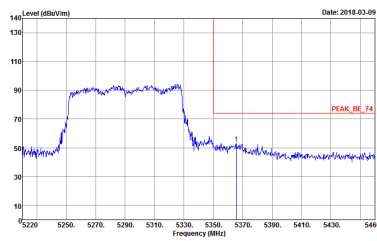
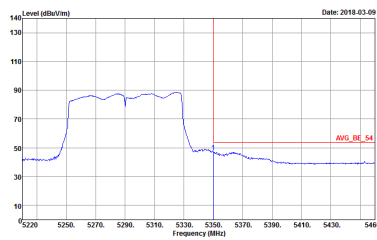


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B	Left blank

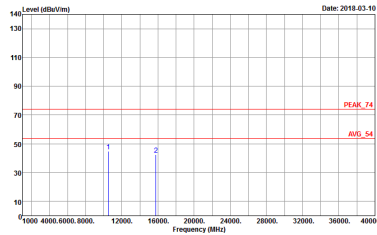
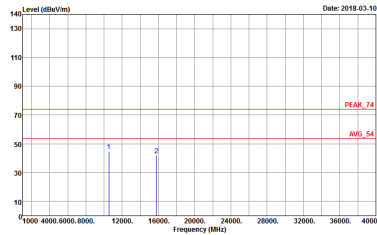


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 1B	Left blank

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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 10	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 10



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 11	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 11



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 12	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 12



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 13	Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 13

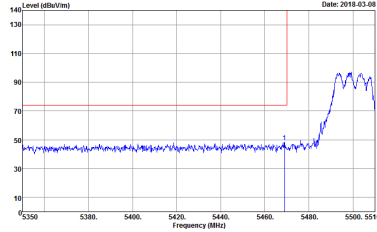
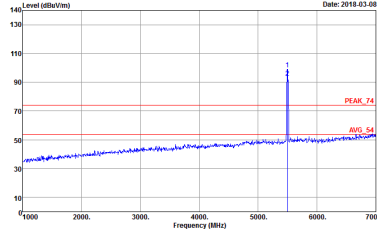
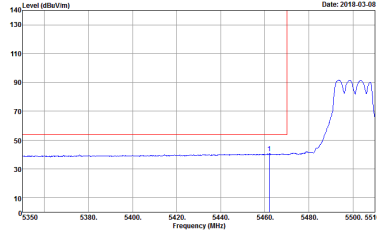


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 14	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 14

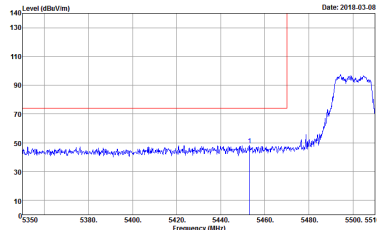
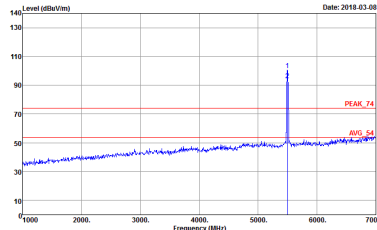
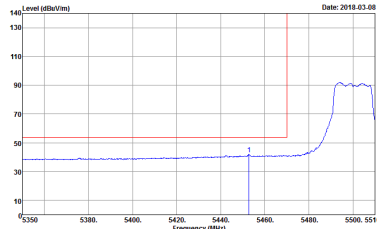


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 15	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 15

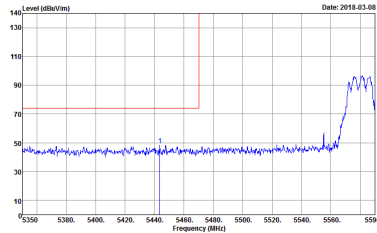
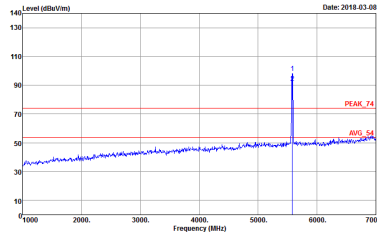
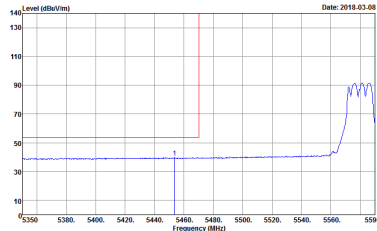
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 19	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 19
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 19	Left blank

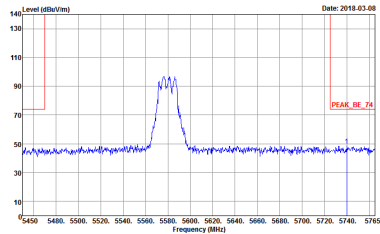
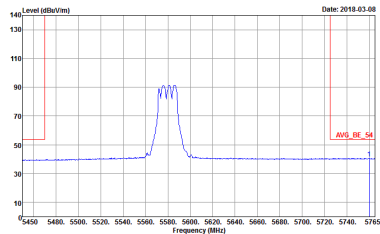


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 19	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 19
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 19	Left blank

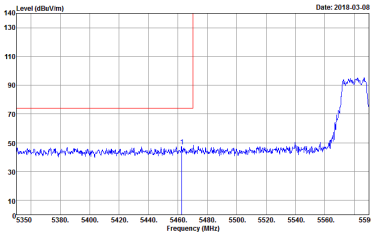
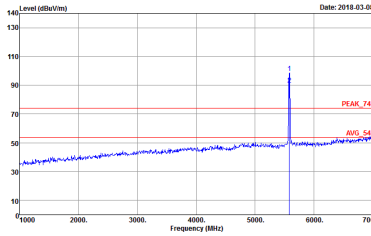
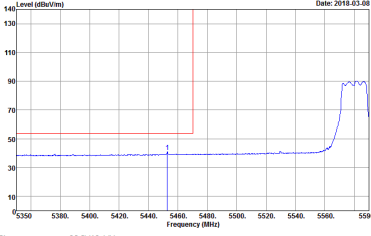


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z0	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z0
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z0	Left blank

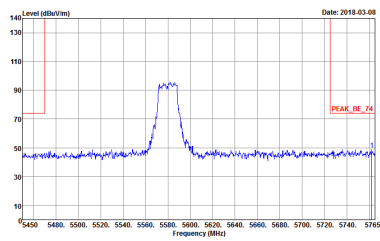
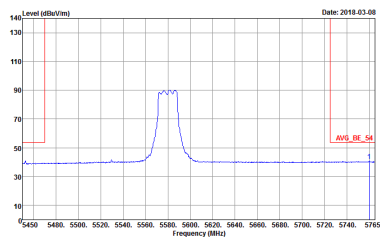


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z0	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z0	Left blank

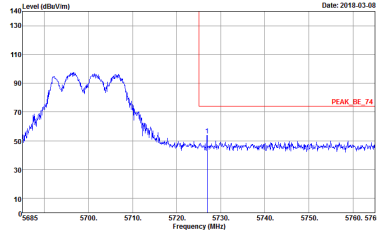
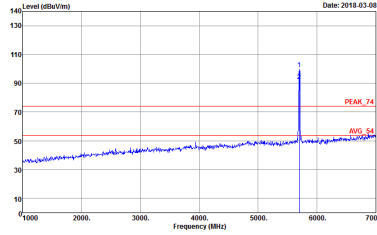
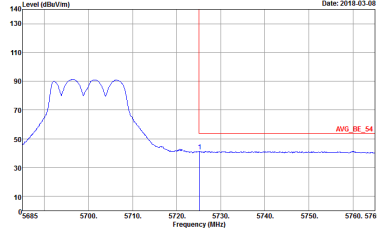


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z0	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z0
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z0	Left blank

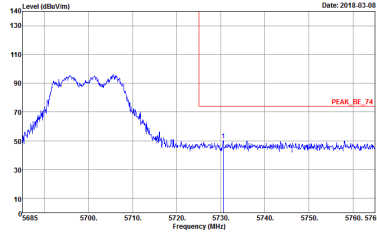
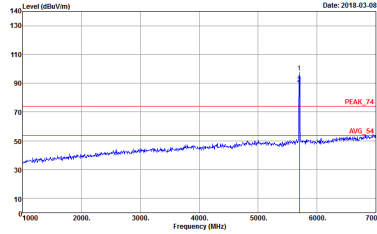
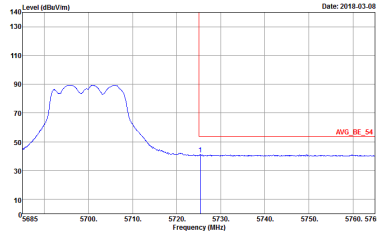


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 20 Date: 2018.03.08	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 20 Date: 2018.03.08	Left blank



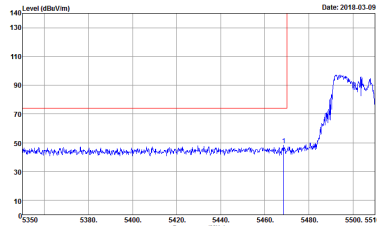
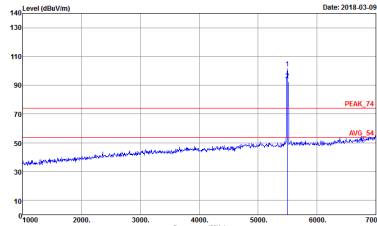
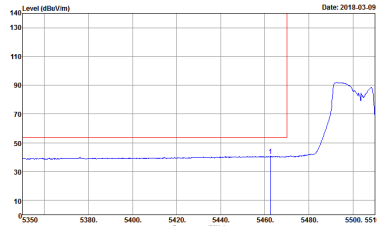
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z1	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z1
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z1	Left blank



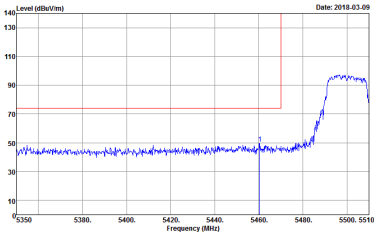
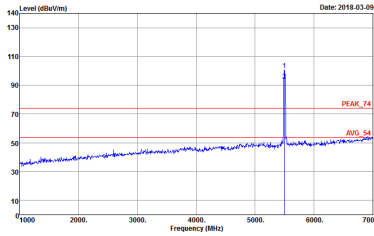
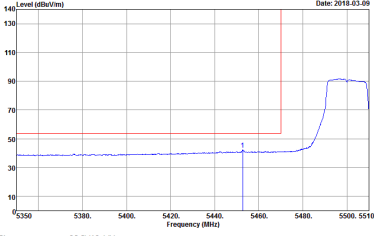
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z1	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z1
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z1	Left blank



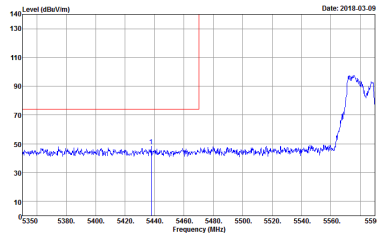
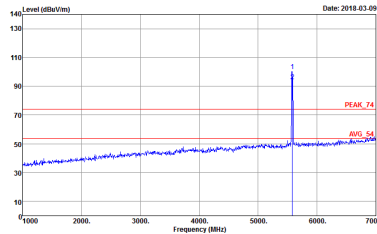
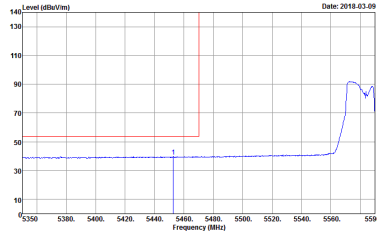
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : ZZ	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : ZZ
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : ZZ	Left blank

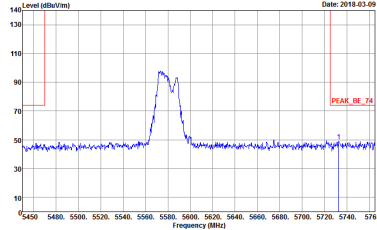
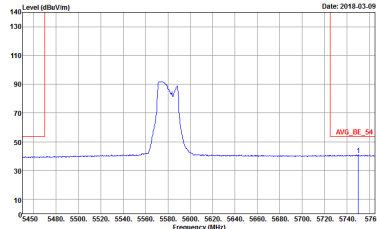


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZZ	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZZ
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZZ	Left blank

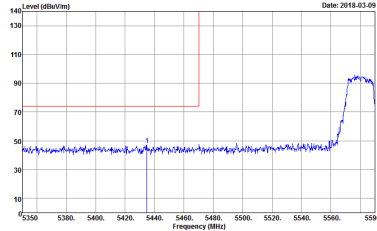
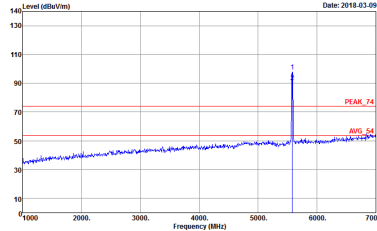
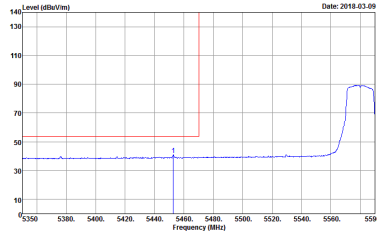


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	Left blank

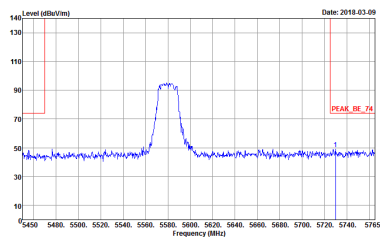
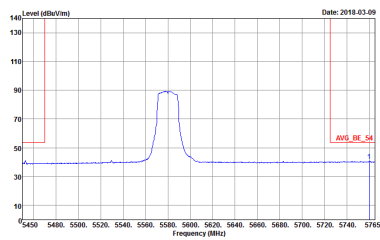


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	Left blank

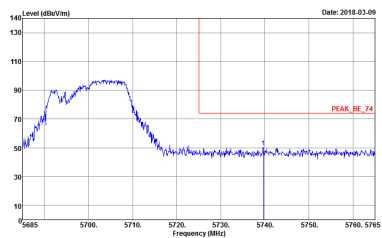
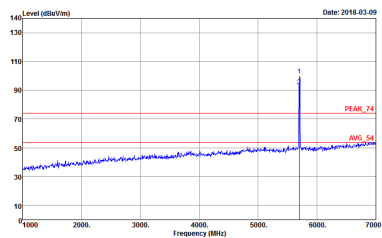
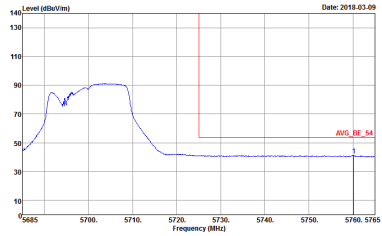


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	Left blank

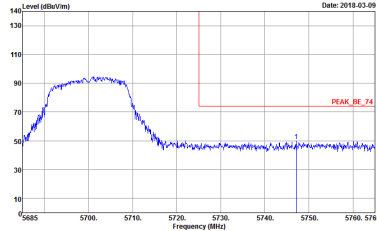
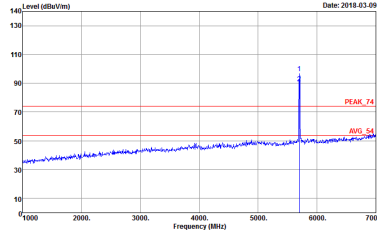
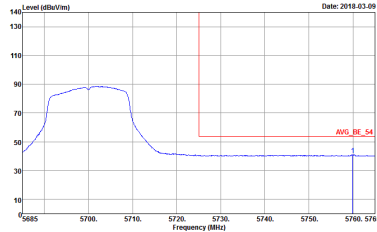


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	Left blank



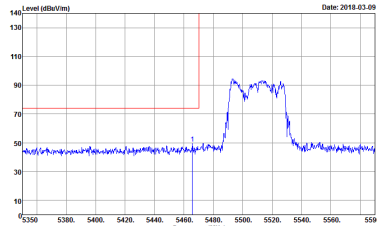
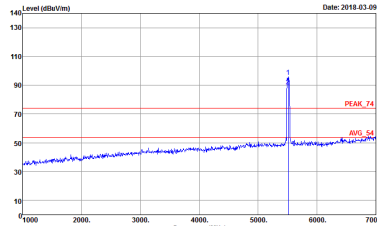
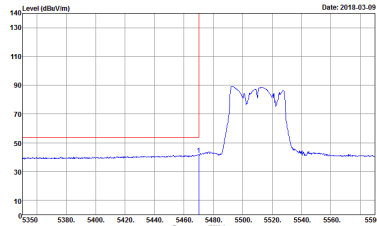
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	Left blank



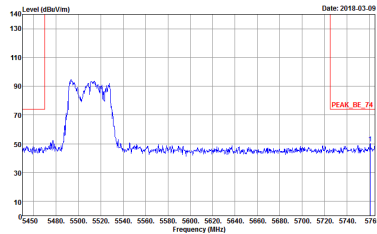
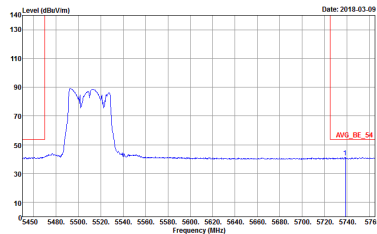
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1+2	Vertical	Fundamental
Peak.	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z3	Left blank



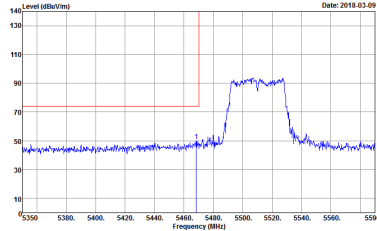
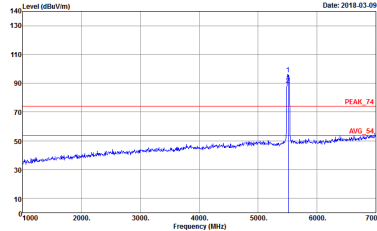
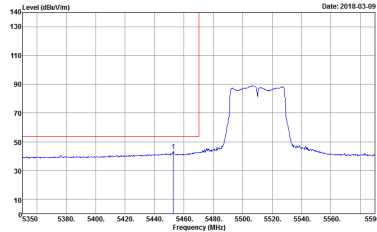
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-IHY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : Z5	 Site : 03CH10-IHY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : Z5
Avg.	 Site : 03CH10-IHY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : Z5	Left blank

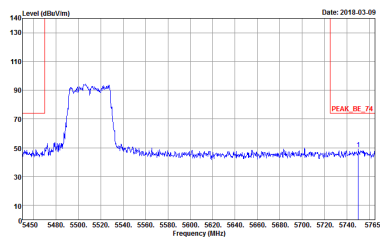
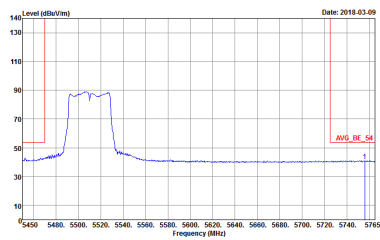


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z5	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z5	Left blank

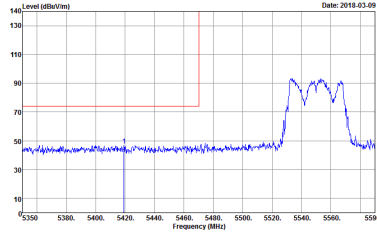
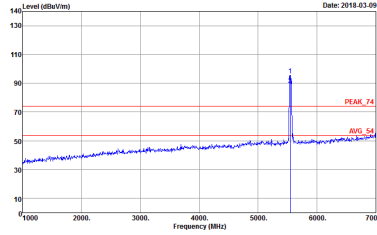
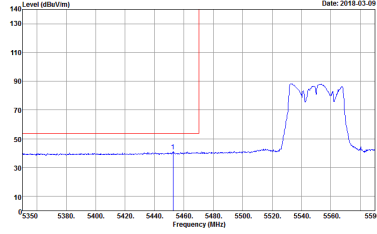


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z5	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z5
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z5	Left blank

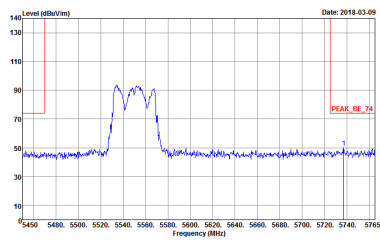
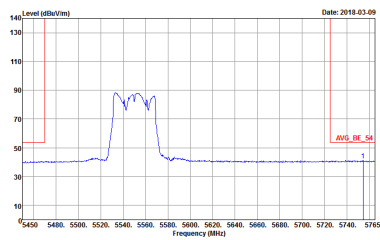


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z5	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z5	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6	Left blank

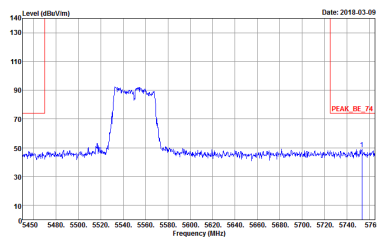
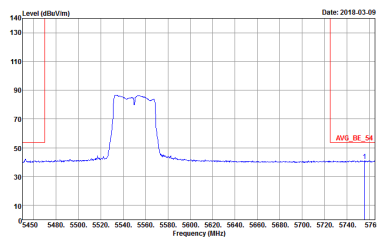


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6	Left blank

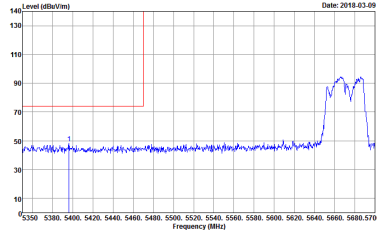
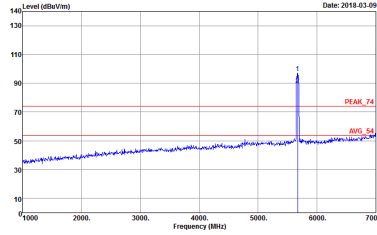
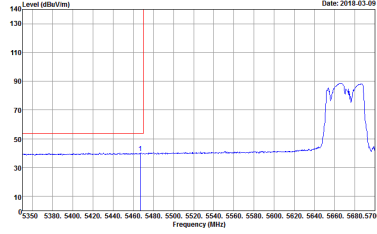


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6	Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6
Avg.	Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6	Left blank

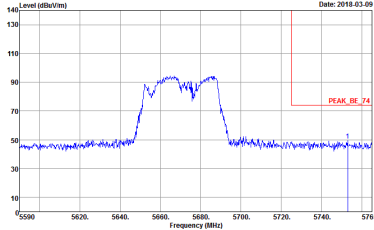
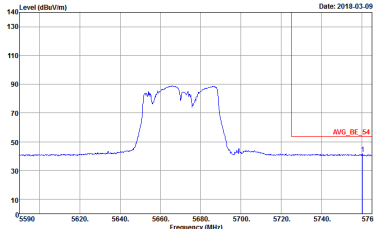


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z6	Left blank

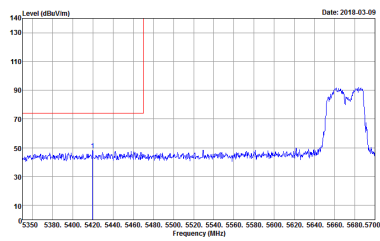
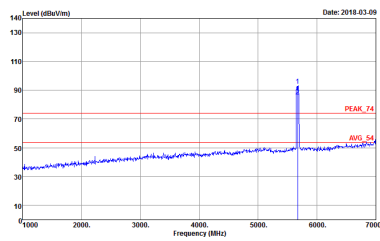
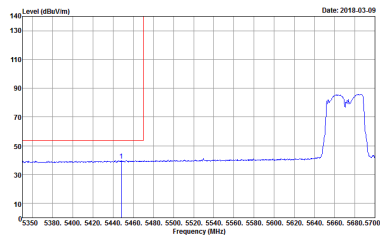


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z7	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z7
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z7	Left blank

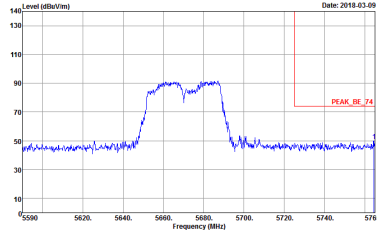
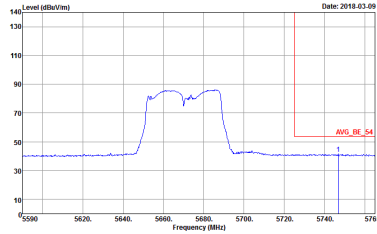


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 27	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 27	Left blank



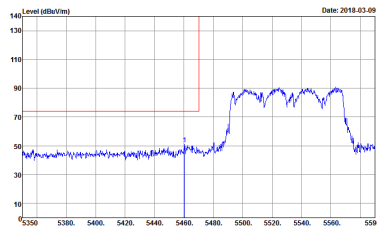
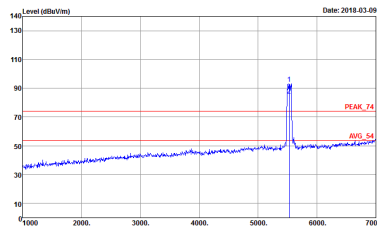
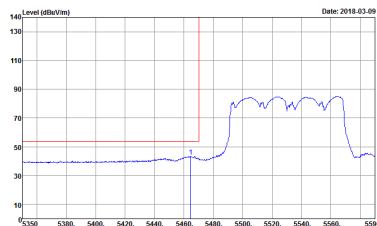
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z7	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z7
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : Z7	Left blank



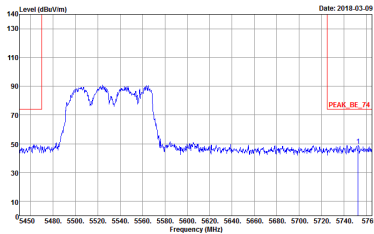
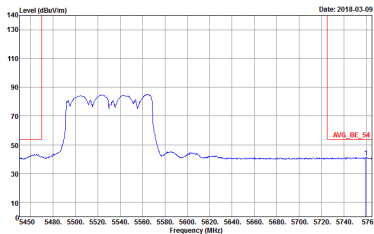
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 27	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 27	Left blank



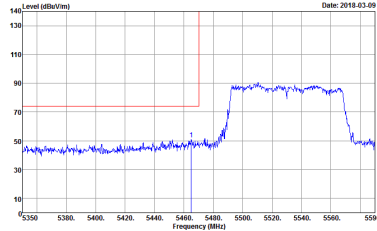
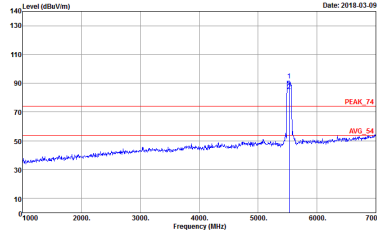
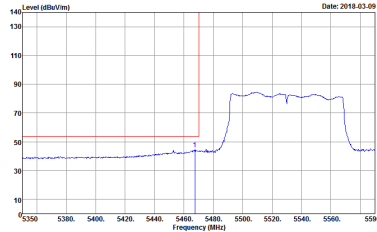
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-IHY Condition : PEAK_BE_74 3m HORN 9120D-JF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB	 Site : 03CH10-IHY Condition : PEAK_74 3m HORN 9120D-JF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB
Avg.	 Site : 03CH10-IHY Condition : AVG_BE_54 3m HORN 9120D-JF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB	Left blank

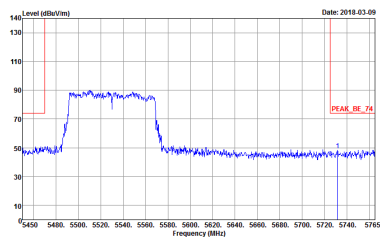
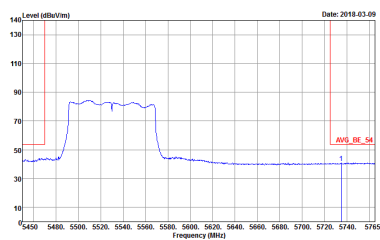


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB	Left blank

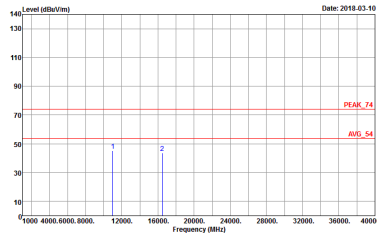
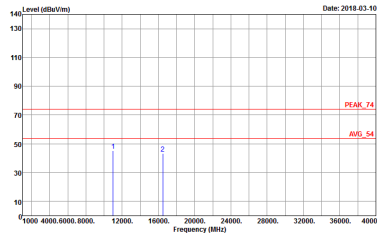


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : ZB	Left blank

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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 19	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 19



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 20	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 20



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : Z1	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : Z1



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : Z2	Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : Z2

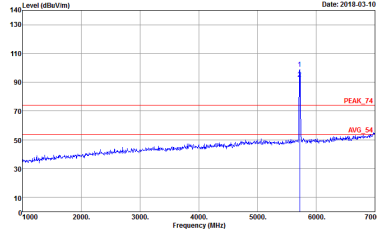
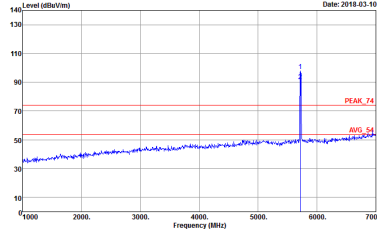


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 23	Level (dBuV/m) Date: 2018-03-10 PEAK_74 Avg_54 Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 23



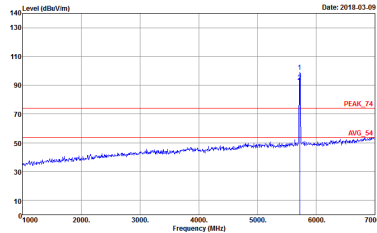
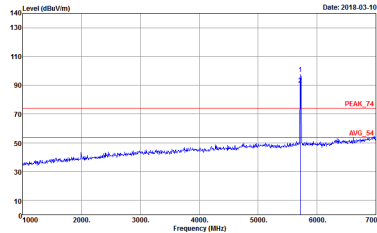
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-03-10 Frequency (MHz) Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 24	Level (dBuV/m) Date: 2018-03-10 Frequency (MHz) Site : 03CH10-11Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 7D0829 Mode : 24

Band 3 - Straddle Channel
WIFI 802.11a (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11a CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 750829 Mode : 32	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 750829 Mode : 32

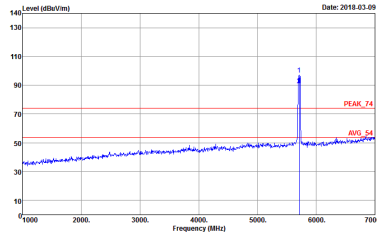
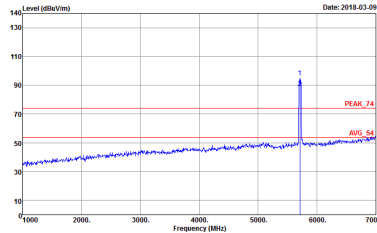


Band 3 – Straddle Channel
WIFI 802.11n HT20 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 7D0829 33	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 7D0829 33

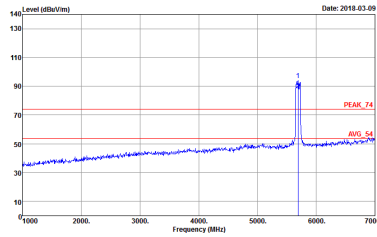
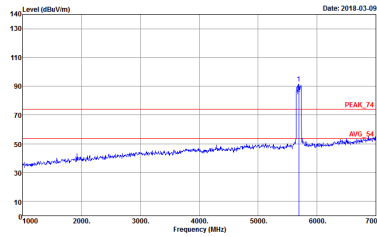


Band 3 – Straddle Channel
WIFI 802.11n HT40 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 34	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 34

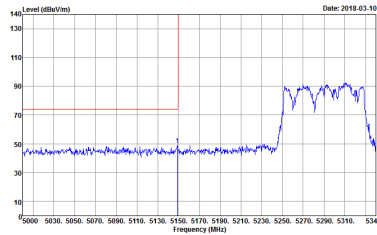
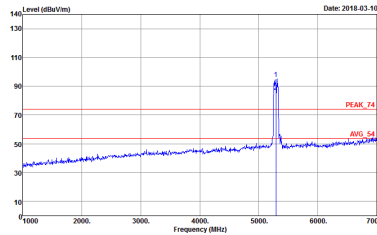
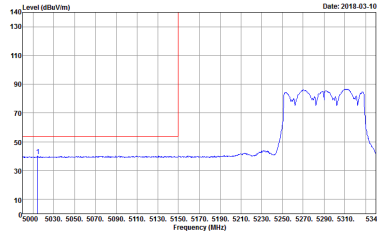


Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Fundamental @ 3m)

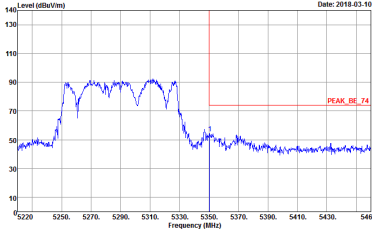
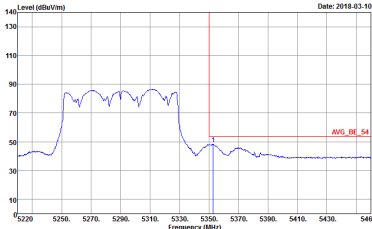
WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 35	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 35



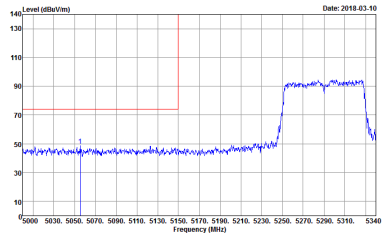
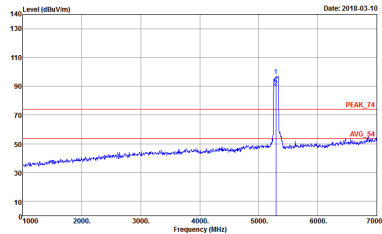
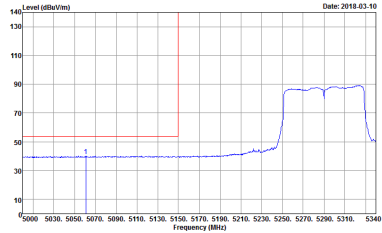
EUT connect to Battery backpack
WIFI 802.11ac VHT80 (Band Edge @ 3m)

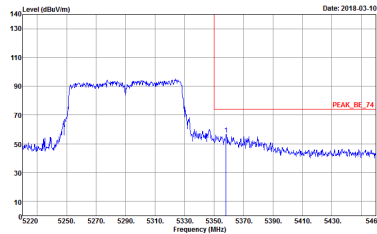
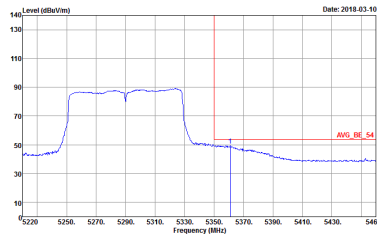
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 connect battery backpack	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 connect battery backpack
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 connect battery backpack	Left blank



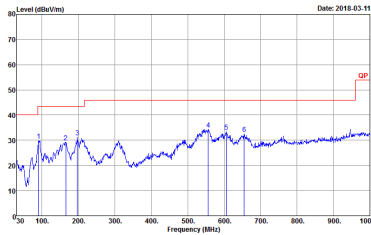
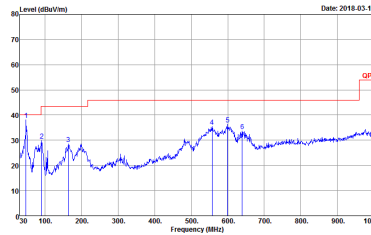
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 : connect battery backpack	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 : connect battery backpack	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 : connect battery backpack	 Site : 03CH10-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 : connect battery backpack
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 : connect battery backpack	Left blank

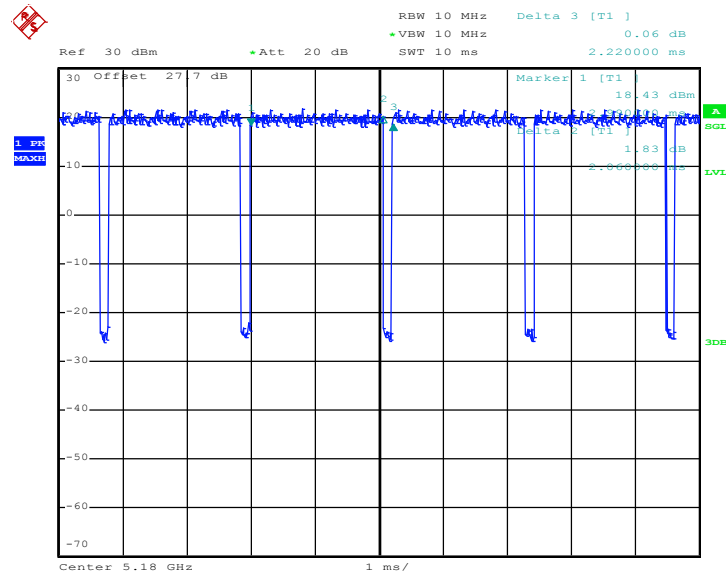
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH10-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 : connect battery backpack	Left blank
Avg.	 Site : 03CH10-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 7D0829 Mode : 30 : connect battery backpack	Left blank

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

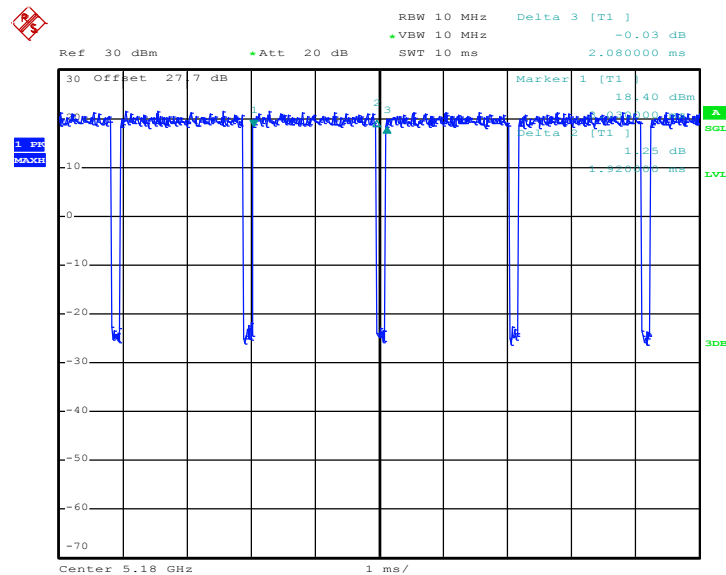
WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH10-HY Condition : QP 3m BE-LOG 6111D-LF HORIZONTAL Detector : Peak Project : 7D0829 Mode : 31	 Site : 03CH10-HY Condition : QP 3m BE-LOG 6111D-LF VERTICAL Detector : Peak Project : 7D0829 Mode : 31

Appendix E. Duty Cycle Plots

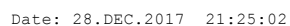
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1+2	802.11a for Antenna 1	92.79	2060	0.49	1kHz	0.32
1+2	802.11a for Antenna 2	93.64	2060	0.49	1kHz	0.29
1+2	5GHz 802.11n HT20 for Antenna 1	92.31	1920	0.52	1kHz	0.35
1+2	5GHz 802.11n HT20 for Antenna 2	93.24	1930	0.52	1kHz	0.30
1+2	5GHz 802.11n HT40 for Antenna 1	87.85	940	1.06	3kHz	0.56
1+2	5GHz 802.11n HT40 for Antenna 2	87.16	950	1.05	3kHz	0.60
1+2	5GHz 802.11ac VHT20 for Antenna 1	93.20	1920	0.52	1kHz	0.31
1+2	5GHz 802.11ac VHT20 for Antenna 2	93.20	1920	0.52	1kHz	0.31
1+2	5GHz 802.11ac VHT40 for Antenna 1	87.56	950	1.05	3kHz	0.58
1+2	5GHz 802.11ac VHT40 for Antenna 2	85.59	950	1.05	3kHz	0.68
1+2	5GHz 802.11ac VHT80 for Antenna 1	86.05	740	1.35	3kHz	0.65
1+2	5GHz 802.11ac VHT80 for Antenna 2	86.05	740	1.35	3kHz	0.65

MIMO <Ant. 1>
802.11a


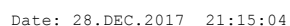
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802.11n HT20


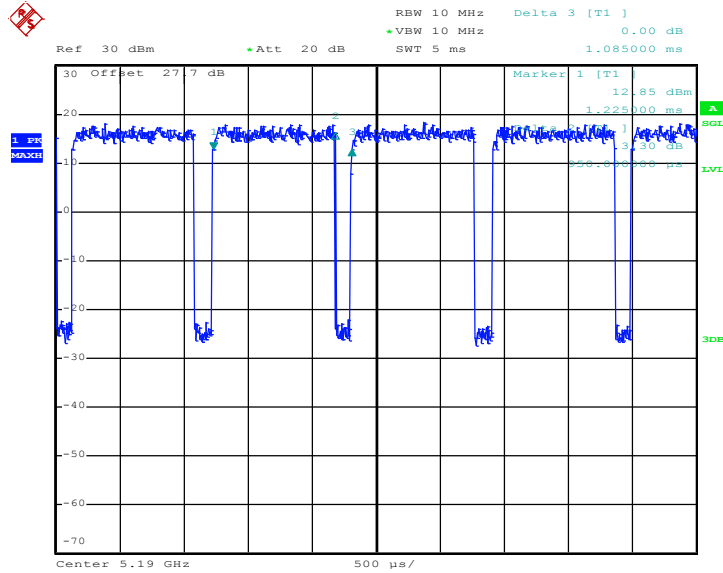
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802.11ac VHT20

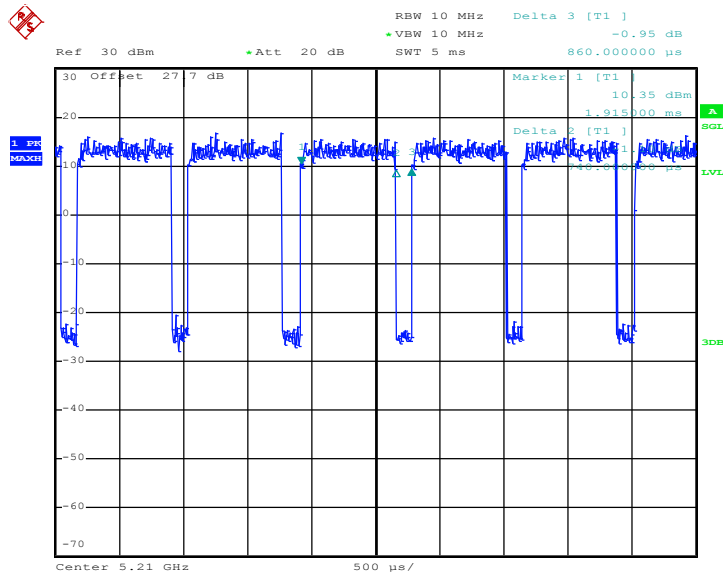


802.11n VHT40

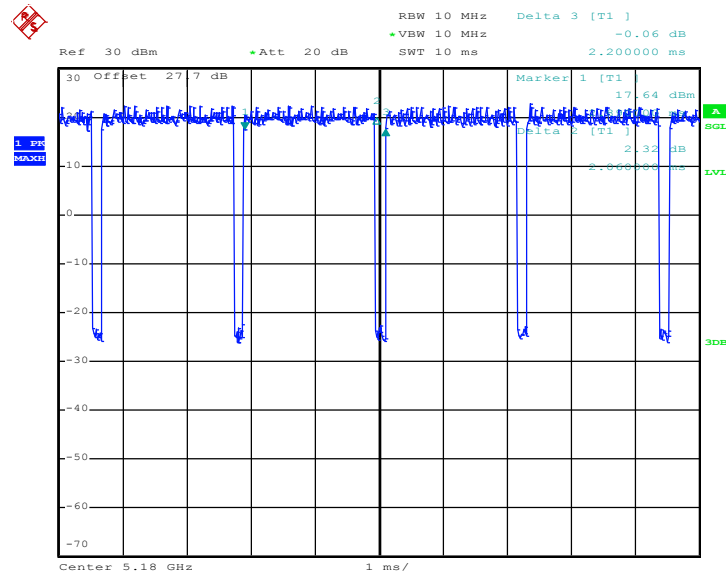


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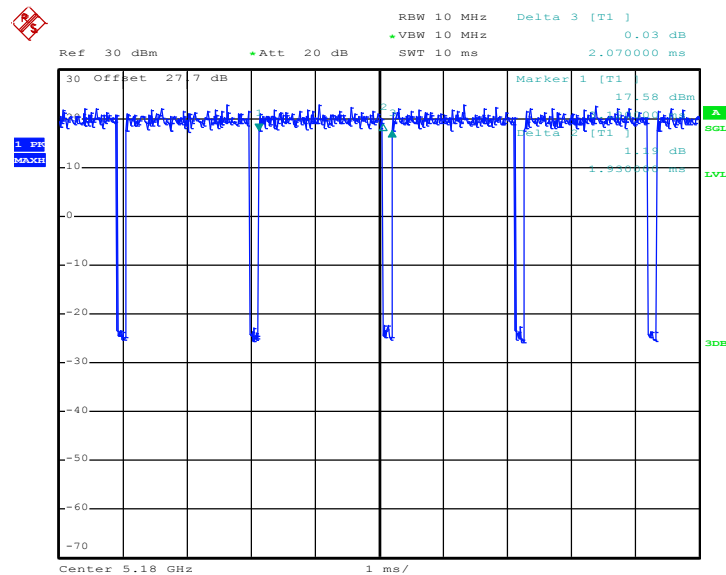
802.11ac VHT80



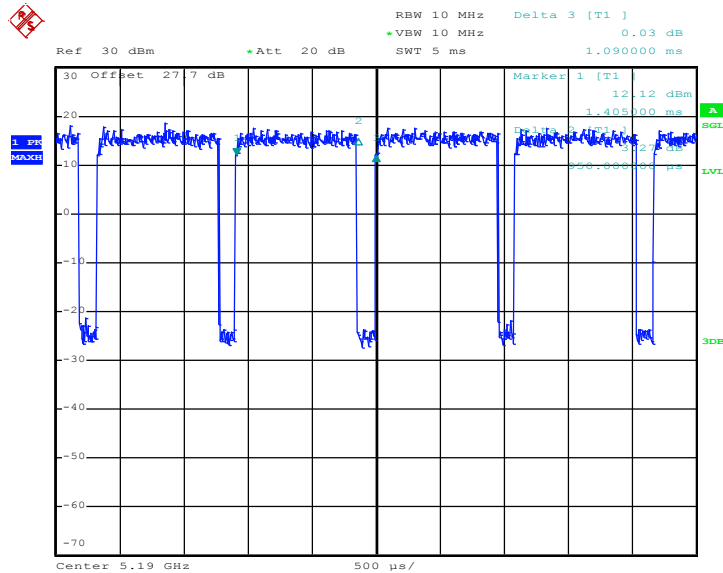
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MIMO <Ant. 2>
802.11a


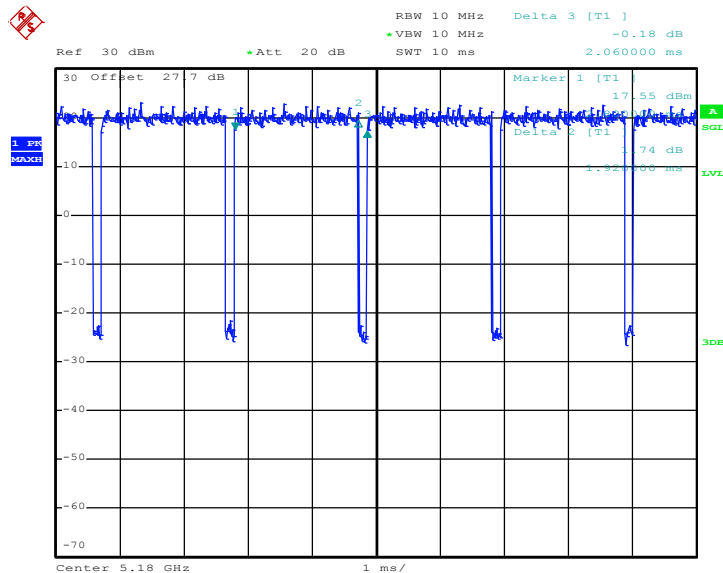
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802.11n HT20


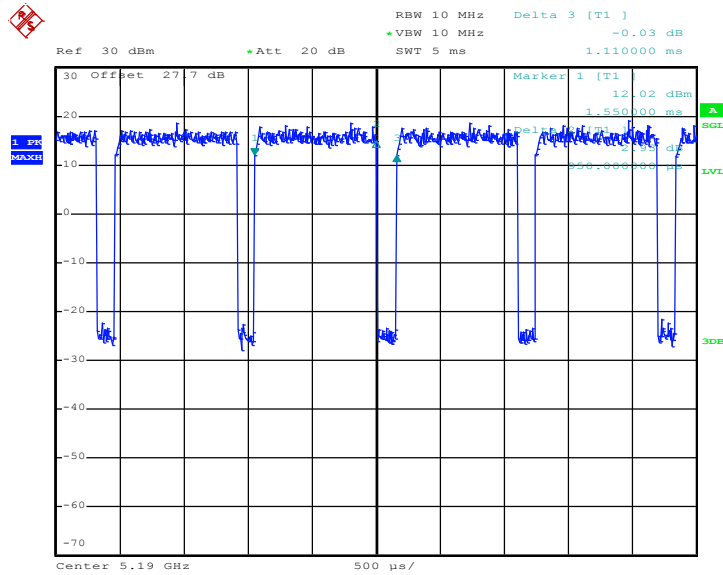
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802.11n HT40


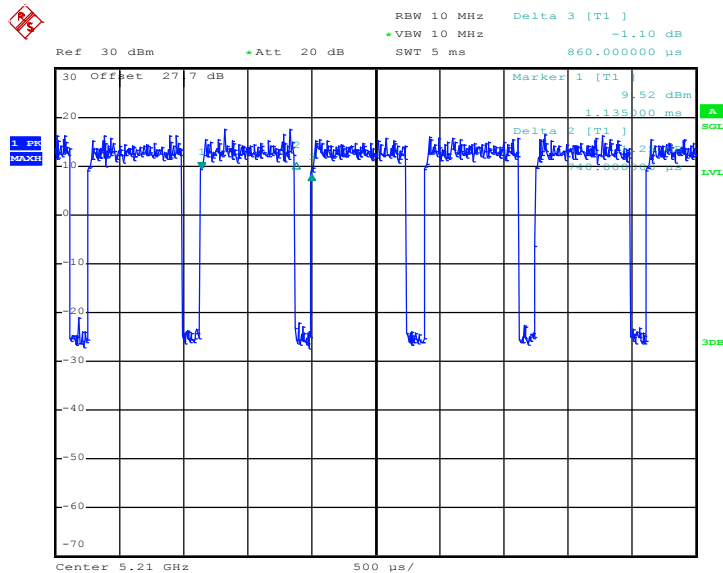
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802.11ac VHT20


Date: 28.DEC.2017 21:16:36

802.11n VHT40


Date: 28.DEC.2017 21:17:53

802.11ac VHT80


Date: 28.DEC.2017 21:29:30