



FCC RADIO TEST REPORT

FCC ID : A4RG013A
Equipment : Phone
Model Name : G013A
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC Part 15 Subpart E §15.407

The product was completed on Jun. 15, 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR820225-02E	01	Initial issue of report	Jun. 22, 2018

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 1.00 dB at 5350.080 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 10.38 dB at 0.150 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Reviewed by: Joseph Lin

Report Producer: Natasha Hsieh



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	G013A
FCC ID	A4RG013A
EUT supports Radios application	CDMA/EV-DO/GSM/EGPRS/WCDMA/HSPA/LTE/NFC/ GNSS/WPC WLAN 11b/g/n HT20/VHT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
EUT Stage	Identical Prototype

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

EUT Information List	
No.	S/N
#1	84PX006ND
#2	84VX0092H
#3	839X004QG

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	<Ant. 1> <5180 MHz ~ 5240 MHz> 802.11a : 18.12 dBm / 0.0649 W 802.11n HT20 : 18.24 dBm / 0.0667 W 802.11n HT40 : 18.11 dBm / 0.0647 W 802.11 ac VHT20: 18.12 dBm / 0.0649 W 802.11 ac VHT40: 17.98 dBm / 0.0628 W 802.11 ac VHT80: 13.46 dBm / 0.0222 W <5260 MHz ~ 5320 MHz> 802.11a : 17.95 dBm / 0.0624 W 802.11n HT20 : 18.23 dBm / 0.0665 W 802.11n HT40 : 18.46 dBm / 0.0701 W 802.11 ac VHT20: 18.09 dBm / 0.0644 W 802.11 ac VHT40: 18.42 dBm / 0.0695 W 802.11 ac VHT80: 14.12 dBm / 0.0258 W <5500 MHz ~ 5700 MHz > 802.11a : 18.03 dBm / 0.0635 W 802.11n HT20 : 17.40 dBm / 0.055 W 802.11n HT40 : 18.04 dBm / 0.0637 W 802.11 ac VHT20: 17.39 dBm / 0.0548 W 802.11 ac VHT40: 18.03 dBm / 0.0635 W 802.11 ac VHT80: 17.73 dBm / 0.0593 W <Ant. 2> <5180 MHz ~ 5240 MHz> 802.11a : 18.05 dBm / 0.0638 W 802.11n HT20 : 18.01 dBm / 0.0632 W 802.11n HT40 : 17.81 dBm / 0.0604 W 802.11 ac VHT20: 17.81 dBm / 0.0604 W 802.11 ac VHT40: 17.61 dBm / 0.0577 W 802.11 ac VHT80: 13.78 dBm / 0.0239 W <5260 MHz ~ 5320 MHz> 802.11a : 17.81 dBm / 0.0604 W 802.11n HT20 : 18.03 dBm / 0.0635 W 802.11n HT40 : 18.39 dBm / 0.0690 W 802.11 ac VHT20: 17.83 dBm / 0.0607 W 802.11 ac VHT40: 18.32 dBm / 0.0679 W 802.11 ac VHT80: 13.99 dBm / 0.0251 W <5500 MHz ~ 5700 MHz > 802.11a : 17.71 dBm / 0.0590 W 802.11n HT20 : 17.65 dBm / 0.0582 W 802.11n HT40 : 18.12 dBm / 0.0649 W 802.11 ac VHT20: 17.54 dBm / 0.0568 W 802.11 ac VHT40: 18.08 dBm / 0.0643 W 802.11 ac VHT80: 17.51 dBm / 0.0564 W

Standards-related Product Specification	
Maximum Output Power to Antenna	MIMO <Ant. 1+2> <5180 MHz ~ 5240 MHz> 802.11a : 21.16 dBm / 0.1306 W 802.11n HT20 : 21.18 dBm / 0.1312 W 802.11n HT40 : 21.13 dBm / 0.1297 W 802.11 ac VHT20: 21.12 dBm / 0.1294 W 802.11 ac VHT40: 21.01 dBm / 0.1262 W 802.11 ac VHT80: 16.70 dBm / 0.0468 W <5260 MHz ~ 5320 MHz> 802.11a : 21.14 dBm / 0.1300 W 802.11n HT20 : 21.16 dBm / 0.1306 W 802.11n HT40 : 21.48 dBm / 0.1406 W 802.11 ac VHT20: 21.02 dBm / 0.1265 W 802.11 ac VHT40: 21.43 dBm / 0.1390 W 802.11 ac VHT80: 17.12 dBm / 0.0515 W <5500 MHz ~ 5700 MHz > 802.11a : 21.05 dBm / 0.1274 W 802.11n HT20 : 20.70 dBm / 0.1175 W 802.11n HT40 : 21.31 dBm / 0.1352 W 802.11 ac VHT20: 20.54 dBm / 0.1132 W 802.11 ac VHT40: 21.29 dBm / 0.1346 W 802.11 ac VHT80: 20.90 dBm / 0.1230 W
Maximum Output Power to Antenna for Straddle Channel	<Ant. 1> 802.11a : 16.86 dBm / 0.0485 W 802.11n HT20 : 16.77 dBm / 0.0475 W 802.11n HT40 : 17.70 dBm / 0.0589 W 802.11 ac VHT20: 16.69 dBm / 0.0467 W 802.11 ac VHT40: 17.68 dBm / 0.0586 W 802.11 ac VHT80: 17.45 dBm / 0.0556 W <Ant. 2> 802.11a : 16.90 dBm / 0.0490 W 802.11n HT20 : 16.90 dBm / 0.0490 W 802.11n HT40 : 17.74 dBm / 0.0594 W 802.11 ac VHT20: 16.87 dBm / 0.0486 W 802.11 ac VHT40: 17.58 dBm / 0.0573 W 802.11 ac VHT80: 17.13 dBm / 0.0516 W MIMO <Ant. 1+2> 802.11a : 20.11 dBm / 0.1026 W 802.11n HT20 : 20.11 dBm / 0.1026 W 802.11n HT40 : 20.97 dBm / 0.1250 W 802.11 ac VHT20: 20.01 dBm / 0.1002 W 802.11 ac VHT40: 20.82 dBm / 0.1208 W 802.11 ac VHT80: 20.51 dBm / 0.1125 W

Standards-related Product Specification	
99% Occupied Bandwidth	<Ant. 1> 802.11a : 21.10 MHz 802.11n HT20 : 18.85 MHz 802.11n HT40 : 38.10 MHz 802.11 ac VHT80 : 76.32 MHz <Ant. 2> 802.11a : 20.60 MHz 802.11n HT20 : 19.95 MHz 802.11n HT40 : 44.80 MHz 802.11 ac VHT80 : 77.28 MHz
99% Occupied Bandwidth for Straddle Channel	<Ant. 1> 802.11a : 13.45 MHz 802.11n HT20 : 16.80 MHz 802.11n HT40 : 43.80 MHz 802.11 ac VHT80 : 73.52 MHz <Ant. 2> 802.11a : 16.85 MHz 802.11n HT20 : 15.60 MHz 802.11n HT40 : 40.00 MHz 802.11 ac VHT80 : 73.76 MHz
Antenna Gain / Gain	<5150 MHz ~ 5250 MHz> <Ant. 1> : ILA Antenna with gain -3.45 dBi <Ant. 2> : Loop Antenna with gain -4.73 dBi <5250 MHz ~ 5350 MHz> <Ant. 1> : ILA Antenna with gain -2.66 dBi <Ant. 2> : Loop Antenna with gain -4.70 dBi <5470 MHz ~ 5725 MHz> <Ant. 1> : ILA Antenna with gain -0.535 dBi <Ant. 2> : Loop Antenna with gain -5.64 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

1.3 Modification of EUT

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

1.4 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, Huaya 1st Rd., Guishan Dist., Taoyuan 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.	
	03CH11-HY	

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

1.5 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 (X plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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



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

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.

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 : GSM1900 Idle + WLAN (2.4GHz) Link + Bluetooth Link + NFC Read On + USB cable (Type C) (Charging from Adapter 1)
Remark: For Radiated Test Cases, the tests were performed with Adapter 1.	



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

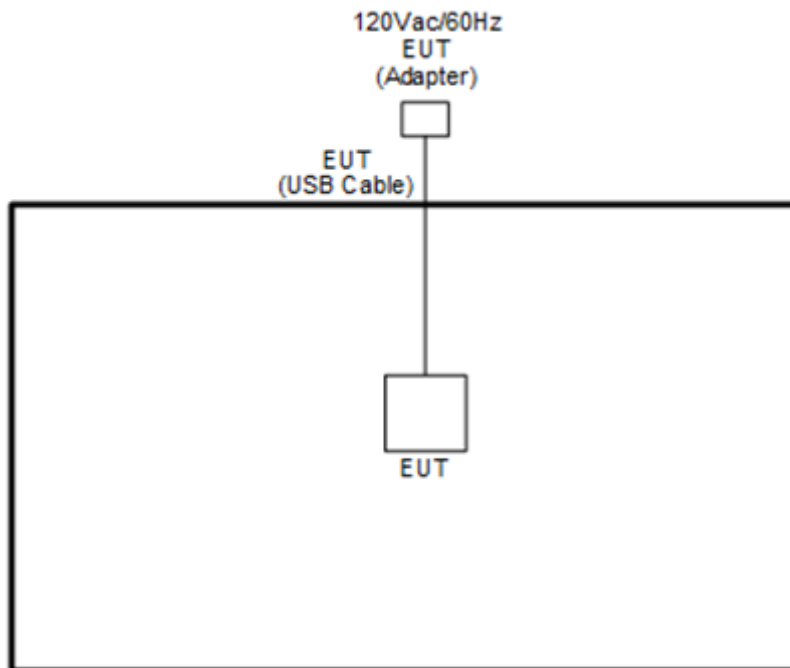
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

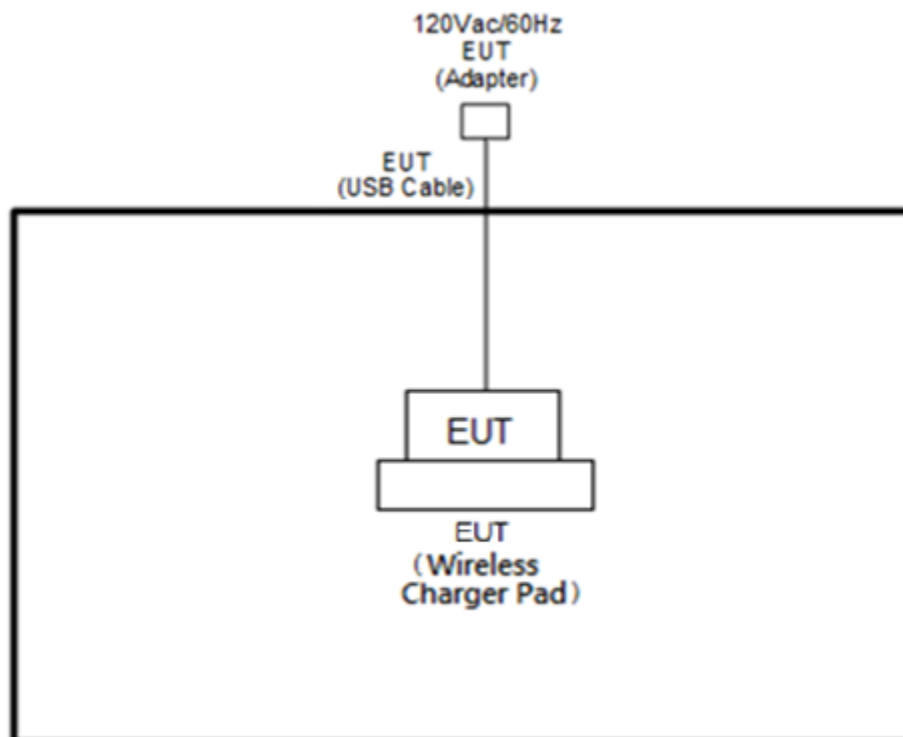
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

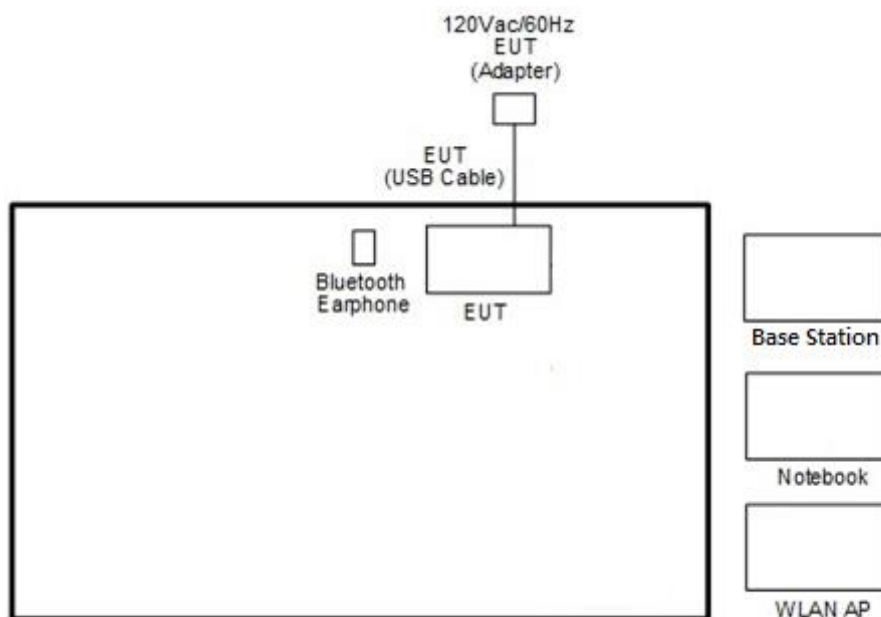
2.3 Connection Diagram of Test System

<WLAN Tx Mode>



< WLAN Tx with WPC Charging Mode>



<AC Conducted Emissions Mode>

2.4 Support Unit used in test configuration and system

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

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.

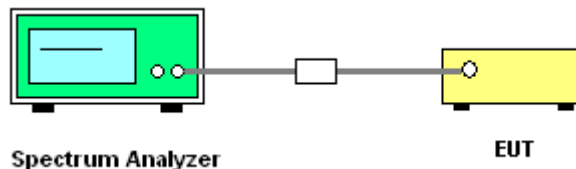
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

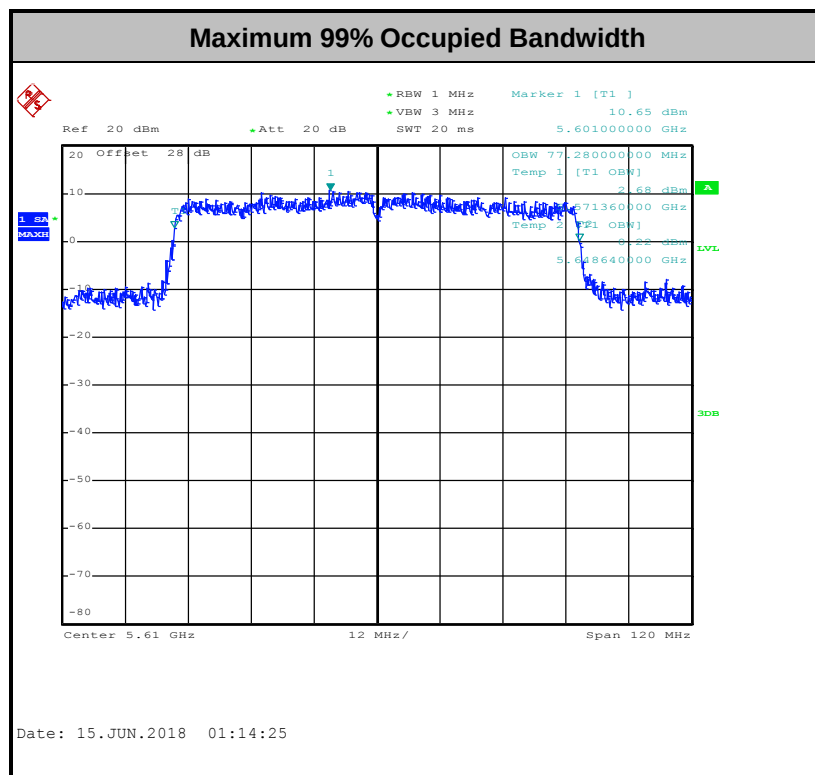
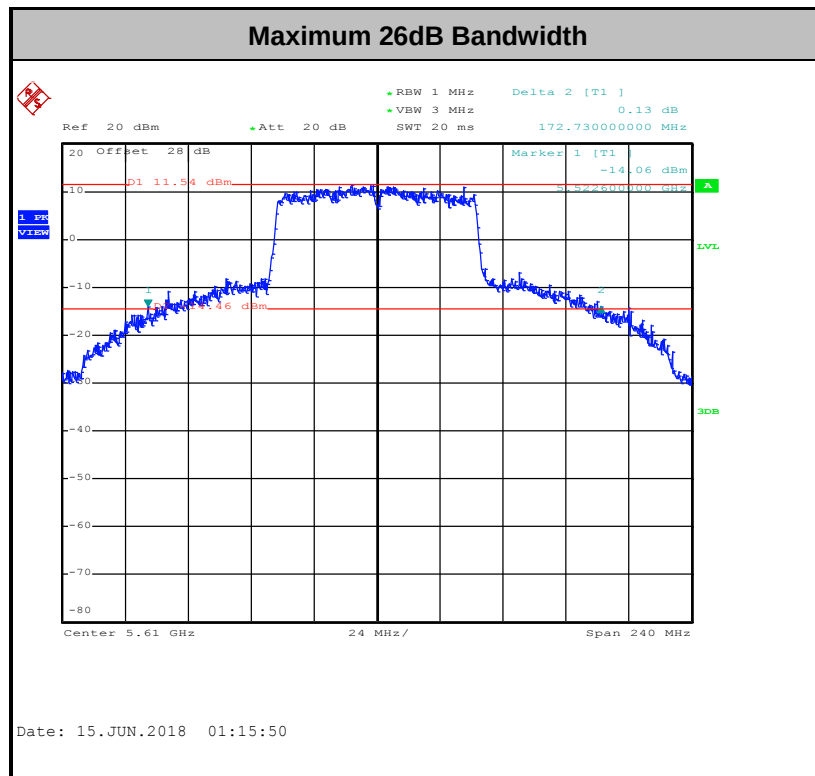
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

- 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 an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

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

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

See list of measuring equipment of this test report.



3.2.3 Test Procedures

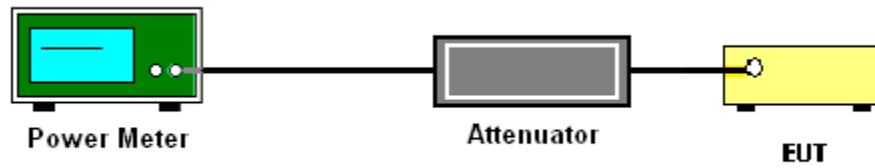
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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 the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. 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 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz 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

See list of measuring equipment 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

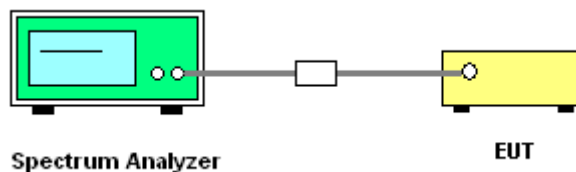
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- 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.

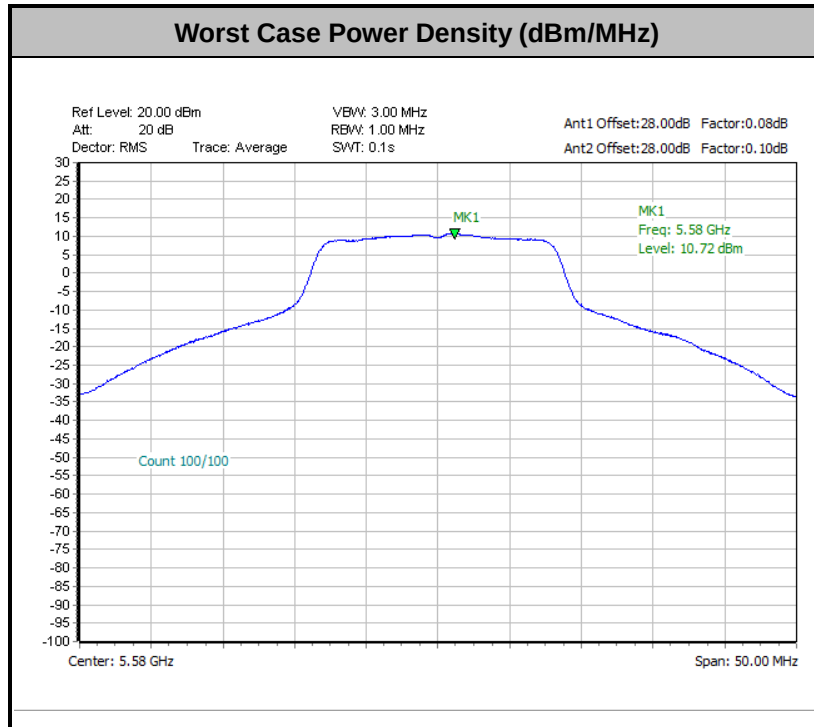
3.3.4 Test Setup





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.

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

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

See list of measuring equipment of this test report.

3.4.3 Test Procedures

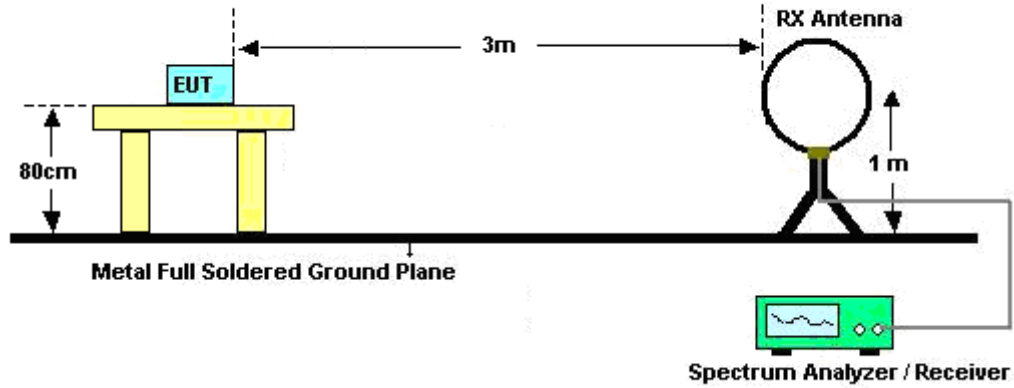
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW ≥ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold

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

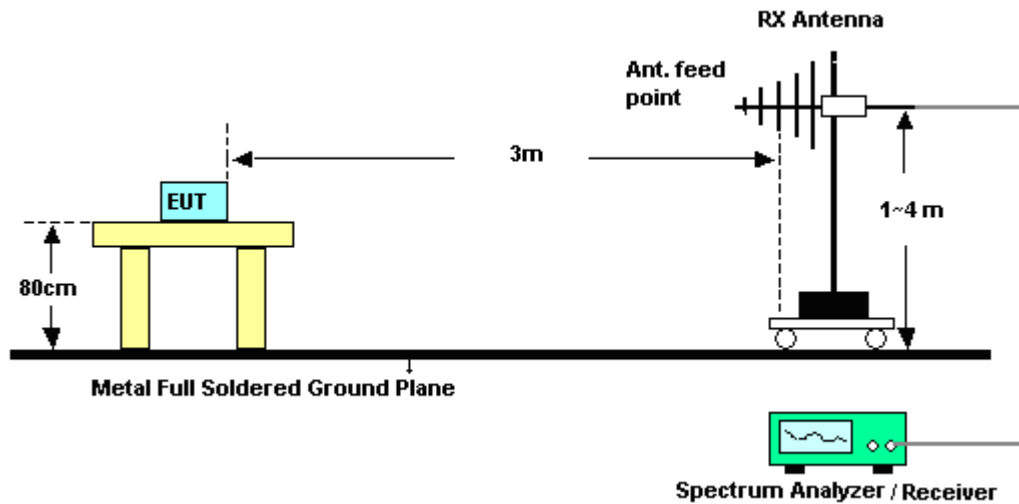
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. 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

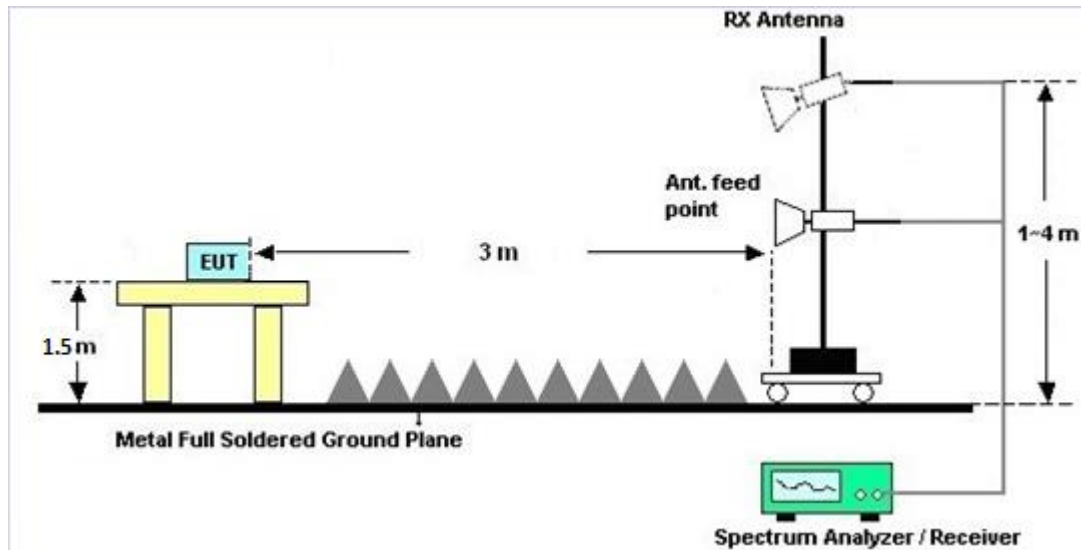
For radiated emissions below 30MHz



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.

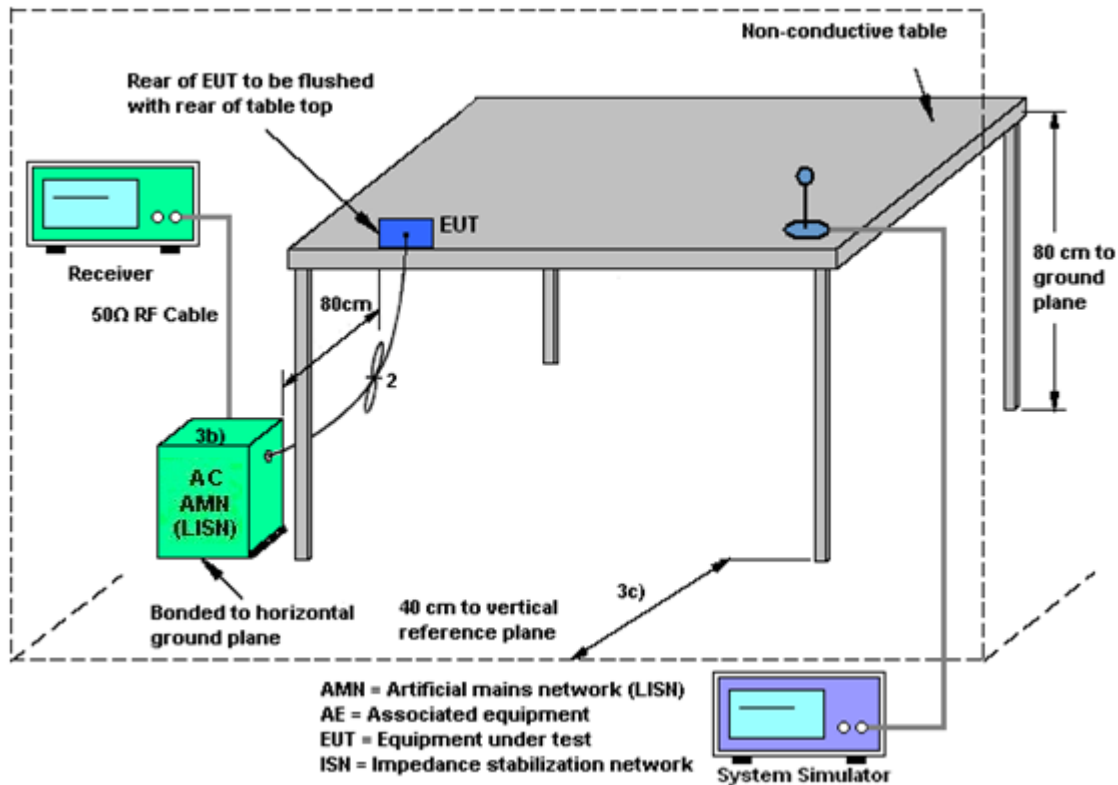
3.5.2 Measuring Instruments

See list of measuring equipment 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

See list of measuring equipment 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>						
	Ant. 1	Ant. 2	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-3.450	-4.730	-3.450	-1.056	0.000	0.000
Band II	-2.660	-4.700	-2.660	-0.610	0.000	0.000
Band III	-0.535	-5.640	-0.535	0.293	0.000	0.000

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	Jun. 08, 2018 ~ Jun. 15, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207349	300MHz~40GHz	Sep. 07, 2017	Jun. 08, 2018 ~ Jun. 15, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 20, 2017	Jun. 08, 2018 ~ Jun. 15, 2018	Jun. 19, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Jun. 08, 2018 ~ Jun. 15, 2018	Feb. 28, 2019	Conducted (TH05-HY)
Hygrometer	TECEPEL	HTC-1	2	N/A	Mar. 06, 2018	Jun. 08, 2018 ~ Jun. 15, 2018	Mar. 05, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 10, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	3.6GHz	Dec. 08, 2017	Apr. 10, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Apr. 10, 2018	Nov. 29, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 10, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Apr. 10, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Apr. 10, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 06, 2018	Apr. 10, 2018	Mar. 05, 2019	Conduction (CO05-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 18, 2017	Jun. 6, 2018 ~ Jun. 14, 2018	Jul. 17, 2018	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Jan. 16, 2018	Jun. 06, 2018 ~ Jun. 14, 2018	Jan. 15, 2019	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D&N-6-06	35414&AT-N0602	30MHz~1GHz	Oct. 14, 2017	Jun. 06, 2018 ~ Jun. 14, 2018	Oct. 13, 2018	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Oct. 16, 2017	Jun. 06, 2018 ~ Jun. 14, 2018	Oct. 15, 2018	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Jun. 06, 2018 ~ Jun. 14, 2018	Nov. 22, 2018	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 10, 2016	Jun. 06, 2018 ~ Jun. 14, 2018	Nov. 09, 2018	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz ~ 44GHz	Oct. 19, 2017	Jun. 06, 2018 ~ Jun. 14, 2018	Oct. 18, 2018	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jun. 06, 2018 ~ Jun. 14, 2018	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jun. 06, 2018 ~ Jun. 14, 2018	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jun. 06, 2018 ~ Jun. 14, 2018	N/A	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 27, 2017	Jun. 06, 2018 ~ Jun. 14, 2018	Nov. 26, 2018	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303K	1710001800054002	1GHz~18GHz	Apr. 17, 2018	Jun. 06, 2018 ~ Jun. 14, 2018	Apr. 16, 2019	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4	9K-30M	Mar. 20, 2018	Jun. 06, 2018 ~ Jun. 14, 2018	Mar. 19, 2019	Radiation (03CH11-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4	30M-18G	Mar. 15, 2018	Jun. 06, 2018 ~ Jun. 14, 2018	Mar. 14, 2019	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2589/2	30M-18G	Mar. 15, 2018	Jun. 06, 2018 ~ Jun. 14, 2018	Mar. 14, 2019	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-587 2.5-6750-18 000-40ST	SN3	6.75GHz High Pass	Sep. 18, 2017	Jun. 06, 2018 ~ Jun. 14, 2018	Sep. 17, 2018	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-4 0SS	SN11	1G Low Pass	Sep. 18, 2017	Jun. 06, 2018 ~ Jun. 14, 2018	Sep. 17, 2018	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-00104 2	N/A	N/A	Jun. 06, 2018 ~ Jun. 14, 2018	N/A	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP140325	N/A	Oct. 12, 2017	Jun. 06, 2018 ~ Jun. 14, 2018	Oct. 11, 2018	Radiation (03CH11-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% ($U = 2Uc(y)$)	5.20
--	------

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.50
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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:	Kai Liao	Temperature:	21~25	°C
Test Date:	2018/6/8 ~ 2018/6/15	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	17.00	17.40	26.30	29.90	-		22.30		
11a	6Mbps	2	44	5220	17.05	17.30	27.30	29.85	-		22.32		
11a	6Mbps	2	48	5240	17.05	17.30	27.30	30.00	-		22.32		
HT20	MCS0	2	36	5180	18.00	18.25	27.35	28.00	-		22.55		
HT20	MCS0	2	44	5220	18.00	18.20	28.50	30.70	-		22.55		
HT20	MCS0	2	48	5240	18.10	18.30	27.95	32.55	-		22.58		
HT40	MCS0	2	38	5190	36.60	36.60	41.76	42.12	-		23.01		
HT40	MCS0	2	46	5230	36.80	37.20	49.59	74.99	-		23.01		
VHT80	MCS0	2	42	5210	75.84	75.72	83.20	83.20	-		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	0.08	0.08	17.66	17.69		24.00	24.00	-3.45	-4.73	Pass
11a	6Mbps	1	44	5220	0.08	0.08	18.07	18.05		24.00	24.00	-3.45	-4.73	Pass
11a	6Mbps	1	48	5240	0.08	0.08	18.12	17.89		24.00	24.00	-3.45	-4.73	Pass
HT20	MCS0	1	36	5180	0.09	0.11	17.49	17.61		24.00	24.00	-3.45	-4.73	Pass
HT20	MCS0	1	44	5220	0.09	0.11	18.24	18.01		24.00	24.00	-3.45	-4.73	Pass
HT20	MCS0	1	48	5240	0.09	0.11	18.12	17.74		24.00	24.00	-3.45	-4.73	Pass
HT40	MCS0	1	38	5190	0.18	0.18	14.29	14.48		24.00	24.00	-3.45	-4.73	Pass
HT40	MCS0	1	46	5230	0.18	0.18	18.11	17.81		24.00	24.00	-3.45	-4.73	Pass
VHT20	MCS0	1	36	5180	0.09	0.11	17.46	17.58		24.00	24.00	-3.45	-4.73	Pass
VHT20	MCS0	1	44	5220	0.09	0.11	18.12	17.81		24.00	24.00	-3.45	-4.73	Pass
VHT20	MCS0	1	48	5240	0.09	0.11	17.92	17.63		24.00	24.00	-3.45	-4.73	Pass
VHT40	MCS0	1	38	5190	0.18	0.18	14.28	14.46		24.00	24.00	-3.45	-4.73	Pass
VHT40	MCS0	1	46	5230	0.18	0.18	17.98	17.61		24.00	24.00	-3.45	-4.73	Pass
VHT80	MCS0	1	42	5210	0.20	0.20	13.46	13.78		24.00	24.00	-3.45	-4.73	Pass
11a	6Mbps	2	36	5180	0.08	0.08	17.73	17.76	20.76	24.00		-3.45		Pass
11a	6Mbps	2	44	5220	0.08	0.08	18.16	18.13	21.16	24.00		-3.45		Pass
11a	6Mbps	2	48	5240	0.08	0.08	18.14	18.08	21.12	24.00		-3.45		Pass
HT20	MCS0	2	36	5180	0.09	0.09	17.59	17.79	20.70	24.00		-3.45		Pass
HT20	MCS0	2	44	5220	0.09	0.09	18.27	18.07	21.18	24.00		-3.45		Pass
HT20	MCS0	2	48	5240	0.09	0.09	18.24	18.04	21.15	24.00		-3.45		Pass
HT40	MCS0	2	38	5190	0.18	0.18	14.33	14.49	17.42	24.00		-3.45		Pass
HT40	MCS0	2	46	5230	0.18	0.18	18.18	18.06	21.13	24.00		-3.45		Pass
VHT20	MCS0	2	36	5180	0.09	0.09	17.54	17.63	20.59	24.00		-3.45		Pass
VHT20	MCS0	2	44	5220	0.09	0.09	18.19	18.04	21.12	24.00		-3.45		Pass
VHT20	MCS0	2	48	5240	0.09	0.09	17.94	17.99	20.97	24.00		-3.45		Pass
VHT40	MCS0	2	38	5190	0.18	0.18	14.31	14.48	17.40	24.00		-3.45		Pass
VHT40	MCS0	2	46	5230	0.18	0.18	17.99	18.02	21.01	24.00		-3.45		Pass
VHT80	MCS0	2	42	5210	0.18	0.20	13.53	13.84	16.70	24.00		-3.45		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	0.08	0.08			9.95	11.00	-1.06			Pass	
11a	6Mbps	2	44	5220	0.08	0.08			10.33	11.00	-1.06			Pass	
11a	6Mbps	2	48	5240	0.08	0.08			10.52	11.00	-1.06			Pass	
HT20	MCS0	2	36	5180	0.09	0.09			9.41	11.00	-1.06			Pass	
HT20	MCS0	2	44	5220	0.09	0.09			9.41	11.00	-1.06			Pass	
HT20	MCS0	2	48	5240	0.09	0.09			9.76	11.00	-1.06			Pass	
HT40	MCS0	2	38	5190	0.18	0.18			3.05	11.00	-1.06			Pass	
HT40	MCS0	2	46	5230	0.18	0.18			7.29	11.00	-1.06			Pass	
VHT80	MCS0	2	42	5210	0.18	0.20			-0.82	11.00	-1.06			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	16.85	17.20	26.25	29.85	23.27		29.27		23.98		
11a	6Mbps	2	60	5300	17.00	17.20	26.45	29.85	23.30		29.30		23.98		
11a	6Mbps	2	64	5320	16.75	16.90	27.55	28.05	23.24		29.24		23.98		
HT20	MCS0	2	52	5260	18.05	18.45	27.10	29.90	23.56		29.56		23.98		
HT20	MCS0	2	60	5300	18.05	18.30	27.75	30.40	23.56		29.56		23.98		
HT20	MCS0	2	64	5320	18.10	18.05	28.00	28.15	23.56		29.56		23.98		
HT40	MCS0	2	54	5270	36.80	37.20	52.37	67.37	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.60	36.60	42.12	42.30	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.84	75.72	84.16	82.88	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)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.08	0.08	17.92	17.79		23.98	23.98	-2.66	-4.70	30	Pass
11a	6Mbps	1	60	5300	0.08	0.08	17.95	17.81		23.98	23.98	-2.66	-4.70	30	Pass
11a	6Mbps	1	64	5320	0.08	0.08	17.48	17.18		23.98	23.98	-2.66	-4.70	30	Pass
HT20	MCS0	1	52	5260	0.09	0.11	18.20	17.66		23.98	23.98	-2.66	-4.70	30	Pass
HT20	MCS0	1	60	5300	0.09	0.11	18.23	18.03		23.98	23.98	-2.66	-4.70	30	Pass
HT20	MCS0	1	64	5320	0.09	0.11	17.37	16.92		23.98	23.98	-2.66	-4.70	30	Pass
HT40	MCS0	1	54	5270	0.18	0.18	18.46	18.39		23.98	23.98	-2.66	-4.70	30	Pass
HT40	MCS0	1	62	5310	0.18	0.18	14.96	14.94		23.98	23.98	-2.66	-4.70	30	Pass
VHT20	MCS0	1	52	5260	0.09	0.11	18.09	17.58		23.98	23.98	-2.66	-4.70	30	Pass
VHT20	MCS0	1	60	5300	0.09	0.11	18.07	17.83		23.98	23.98	-2.66	-4.70	30	Pass
VHT20	MCS0	1	64	5320	0.09	0.11	17.32	16.90		23.98	23.98	-2.66	-4.70	30	Pass
VHT40	MCS0	1	54	5270	0.18	0.18	18.42	18.32		23.98	23.98	-2.66	-4.70	30	Pass
VHT40	MCS0	1	62	5310	0.18	0.18	14.95	14.82		23.98	23.98	-2.66	-4.70	30	Pass
VHT80	MCS0	1	58	5290	0.20	0.20	14.12	13.99		23.98	23.98	-2.66	-4.70	30	Pass
11a	6Mbps	2	52	5260	0.08	0.08	18.12	18.10	21.12	23.98		-2.66		30	Pass
11a	6Mbps	2	60	5300	0.08	0.08	18.15	18.11	21.14	23.98		-2.66		30	Pass
11a	6Mbps	2	64	5320	0.08	0.08	17.52	17.20	20.38	23.98		-2.66		30	Pass
HT20	MCS0	2	52	5260	0.09	0.09	18.23	18.01	21.13	23.98		-2.66		30	Pass
HT20	MCS0	2	60	5300	0.09	0.09	18.25	18.04	21.16	23.98		-2.66		30	Pass
HT20	MCS0	2	64	5320	0.09	0.09	17.39	17.09	20.25	23.98		-2.66		30	Pass
HT40	MCS0	2	54	5270	0.18	0.18	18.53	18.41	21.48	23.98		-2.66		30	Pass
HT40	MCS0	2	62	5310	0.18	0.18	15.03	14.95	18.00	23.98		-2.66		30	Pass
VHT20	MCS0	2	52	5260	0.09	0.09	18.11	17.90	21.02	23.98		-2.66		30	Pass
VHT20	MCS0	2	60	5300	0.09	0.09	18.10	17.86	20.99	23.98		-2.66		30	Pass
VHT20	MCS0	2	64	5320	0.09	0.09	17.35	17.07	20.22	23.98		-2.66		30	Pass
VHT40	MCS0	2	54	5270	0.18	0.18	18.46	18.38	21.43	23.98		-2.66		30	Pass
VHT40	MCS0	2	62	5310	0.18	0.18	15.00	14.83	17.92	23.98		-2.66		30	Pass
VHT80	MCS0	2	58	5290	0.18	0.20	14.16	14.05	17.12	23.98		-2.66		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	0.08	0.08			10.14	11.00		-0.61		Pass	
11a	6Mbps	2	60	5300	0.08	0.08			10.21	11.00		-0.61		Pass	
11a	6Mbps	2	64	5320	0.08	0.08			9.62	11.00		-0.61		Pass	
HT20	MCS0	2	52	5260	0.09	0.09			9.51	11.00		-0.61		Pass	
HT20	MCS0	2	60	5300	0.09	0.09			9.72	11.00		-0.61		Pass	
HT20	MCS0	2	64	5320	0.09	0.09			9.17	11.00		-0.61		Pass	
HT40	MCS0	2	54	5270	0.18	0.18			7.36	11.00		-0.61		Pass	
HT40	MCS0	2	62	5310	0.18	0.18			3.63	11.00		-0.61		Pass	
VHT80	MCS0	2	58	5290	0.18	0.20			0.46	11.00		-0.61		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	17.15	19.00	27.65	34.00	23.34		29.34		23.98		----	----
11a	6Mbps	2	116	5580	17.45	19.75	31.20	34.00	23.42		29.42		23.98		----	----
11a	6Mbps	2	140	5700	21.10	20.60	38.35	36.70	23.98		30.00		23.98		----	----
11a	6Mbps	2	144	5720	13.45	16.85	18.50	25.80	22.29		28.29		23.67		2.95	2.5
HT20	MCS0	2	100	5500	18.05	18.35	26.75	31.15	23.56		29.56		23.98		----	----
HT20	MCS0	2	116	5580	18.35	19.95	32.00	35.95	23.64		29.64		23.98		----	----
HT20	MCS0	2	140	5700	18.85	18.45	32.90	33.10	23.66		29.66		23.98		----	----
HT20	MCS0	2	144	5720	16.80	15.60	27.00	24.70	22.93		28.93		23.98		3.75	2.5
HT40	MCS0	2	102	5510	36.50	36.50	42.30	41.94	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	37.30	39.50	69.21	78.46	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	38.10	44.80	85.20	85.41	23.98		30.00		23.98		----	----
HT40	MCS0	2	142	5710	43.80	40.00	60.15	57.96	23.98		30.00		23.98		2.46	2.46
VHT80	MCS0	2	106	5530	75.84	75.84	83.84	83.20	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	76.32	77.28	151.33	172.73	23.98		30.00		23.98		----	----
VHT80	MCS0	2	138	5690	73.52	73.76	117.17	122.12	23.98		30.00		23.98		1.32	2.44

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.08	0.08	17.02	17.26		23.98	23.98	-0.535	-5.64	30	Pass
11a	6Mbps	1	116	5580	0.08	0.08	18.03	17.71		23.98	23.98	-0.535	-5.64	30	Pass
11a	6Mbps	1	140	5700	0.08	0.08	17.89	17.49		23.98	23.98	-0.535	-5.64	30	Pass
11a	6Mbps	1	144	5720	0.08	0.08	16.86	16.90		23.98	23.98	-0.535	-5.64	30	Pass
HT20	MCS0	1	100	5500	0.09	0.11	17.35	17.65		23.98	23.98	-0.535	-5.64	30	Pass
HT20	MCS0	1	116	5580	0.09	0.11	17.40	17.33		23.98	23.98	-0.535	-5.64	30	Pass
HT20	MCS0	1	140	5700	0.09	0.11	16.72	16.57		23.98	23.98	-0.535	-5.64	30	Pass
HT20	MCS0	1	144	5720	0.09	0.11	16.77	16.90		23.98	23.98	-0.535	-5.64	30	Pass
HT40	MCS0	1	102	5510	0.18	0.18	15.25	15.68		23.98	23.98	-0.535	-5.64	30	Pass
HT40	MCS0	1	110	5550	0.18	0.18	18.04	18.12		23.98	23.98	-0.535	-5.64	30	Pass
HT40	MCS0	1	134	5670	0.18	0.18	17.95	17.49		23.98	23.98	-0.535	-5.64	30	Pass
HT40	MCS0	1	142	5710	0.18	0.18	17.70	17.74		23.98	23.98	-0.535	-5.64	30	Pass
VHT20	MCS0	1	100	5500	0.09	0.11	17.29	17.54		23.98	23.98	-0.535	-5.64	30	Pass
VHT20	MCS0	1	116	5580	0.09	0.11	17.39	17.27		23.98	23.98	-0.535	-5.64	30	Pass
VHT20	MCS0	1	140	5700	0.09	0.11	16.69	16.54		23.98	23.98	-0.535	-5.64	30	Pass
VHT20	MCS0	1	144	5720	0.09	0.11	16.69	16.87		23.98	23.98	-0.535	-5.64	30	Pass
VHT40	MCS0	1	102	5510	0.18	0.18	15.24	15.62		23.98	23.98	-0.535	-5.64	30	Pass
VHT40	MCS0	1	110	5550	0.18	0.18	18.03	18.08		23.98	23.98	-0.535	-5.64	30	Pass
VHT40	MCS0	1	134	5670	0.18	0.18	17.85	17.32		23.98	23.98	-0.535	-5.64	30	Pass
VHT40	MCS0	1	142	5710	0.18	0.18	17.68	17.58		23.98	23.98	-0.535	-5.64	30	Pass
VHT80	MCS0	1	106	5530	0.20	0.20	14.11	14.47		23.98	23.98	-0.535	-5.64	30	Pass
VHT80	MCS0	1	122	5610	0.20	0.20	17.73	17.51		23.98	23.98	-0.535	-5.64	30	Pass
VHT80	MCS0	1	138	5690	0.20	0.20	17.45	17.13		23.98	23.98	-0.535	-5.64	30	Pass
11a	6Mbps	2	100	5500	0.08	0.08	17.13	17.29	20.22	23.98		-0.535		30	Pass
11a	6Mbps	2	116	5580	0.08	0.08	18.07	18.01	21.05	23.98		-0.535		30	Pass
11a	6Mbps	2	140	5700	0.08	0.08	17.95	17.65	20.82	23.98		-0.535		30	Pass
11a	6Mbps	2	144	5720	0.08	0.08	16.99	17.20	20.11	23.67		-0.535		30	Pass
HT20	MCS0	2	100	5500	0.09	0.09	17.59	17.79	20.70	23.98		-0.535		30	Pass
HT20	MCS0	2	116	5580	0.09	0.09	17.47	17.36	20.42	23.98		-0.535		30	Pass
HT20	MCS0	2	140	5700	0.09	0.09	16.77	16.66	19.72	23.98		-0.535		30	Pass
HT20	MCS0	2	144	5720	0.09	0.09	17.14	17.07	20.11	23.98		-0.535		30	Pass
HT40	MCS0	2	102	5510	0.18	0.18	15.35	15.77	18.57	23.98		-0.535		30	Pass
HT40	MCS0	2	110	5550	0.18	0.18	18.13	18.46	21.31	23.98		-0.535		30	Pass
HT40	MCS0	2	134	5670	0.18	0.18	18.28	17.63	20.98	23.98		-0.535		30	Pass
HT40	MCS0	2	142	5710	0.18	0.18	18.10	17.82	20.97	23.98		-0.535		30	Pass
VHT20	MCS0	2	100	5500	0.09	0.09	17.44	17.62	20.54	23.98		-0.535		30	Pass
VHT20	MCS0	2	116	5580	0.09	0.09	17.40	17.31	20.36	23.98		-0.535		30	Pass
VHT20	MCS0	2	140	5700	0.09	0.09	16.73	16.58	19.66	23.98		-0.535		30	Pass
VHT20	MCS0	2	144	5720	0.09	0.09	17.11	16.89	20.01	23.98		-0.535		30	Pass
VHT40	MCS0	2	102	5510	0.18	0.18	15.26	15.75	18.52	23.98		-0.535		30	Pass
VHT40	MCS0	2	110	5550	0.18	0.18	18.12	18.43	21.29	23.98		-0.535		30	Pass
VHT40	MCS0	2	134	5670	0.18	0.18	18.18	17.39	20.81	23.98		-0.535		30	Pass
VHT40	MCS0	2	142	5710	0.18	0.18	18.01	17.60	20.82	23.98		-0.535		30	Pass
VHT80	MCS0	2	106	5530	0.18	0.20	14.15	14.57	17.38	23.98		-0.535		30	Pass
VHT80	MCS0	2	122	5610	0.18	0.20	17.87	17.90	20.90	23.98		-0.535		30	Pass
VHT80	MCS0	2	138	5690	0.18	0.20	17.69	17.30	20.51	23.98		-0.535		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	0.08	0.08			10.51	11.00		0.29		Pass
11a	6Mbps	2	116	5580	0.08	0.08			10.72	11.00		0.29		Pass
11a	6Mbps	2	140	5700	0.08	0.08			10.02	11.00		0.29		Pass
11a	6Mbps	2	144	5720	0.08	0.08			10.39	11.00		0.29		Pass
HT20	MCS0	2	100	5500	0.09	0.09			9.57	11.00		0.29		Pass
HT20	MCS0	2	116	5580	0.09	0.09			10.18	11.00		0.29		Pass
HT20	MCS0	2	140	5700	0.09	0.09			9.07	11.00		0.29		Pass
HT20	MCS0	2	144	5720	0.09	0.09			9.57	11.00		0.29		Pass
HT40	MCS0	2	102	5510	0.18	0.18			4.51	11.00		0.29		Pass
HT40	MCS0	2	110	5550	0.18	0.18			7.79	11.00		0.29		Pass
HT40	MCS0	2	134	5670	0.18	0.18			7.71	11.00		0.29		Pass
HT40	MCS0	2	142	5710	0.18	0.18			7.27	11.00		0.29		Pass
VHT80	MCS0	2	106	5530	0.18	0.20			0.62	11.00		0.29		Pass
VHT80	MCS0	2	122	5610	0.18	0.20			4.69	11.00		0.29		Pass
VHT80	MCS0	2	138	5690	0.18	0.20			4.17	11.00		0.29		Pass



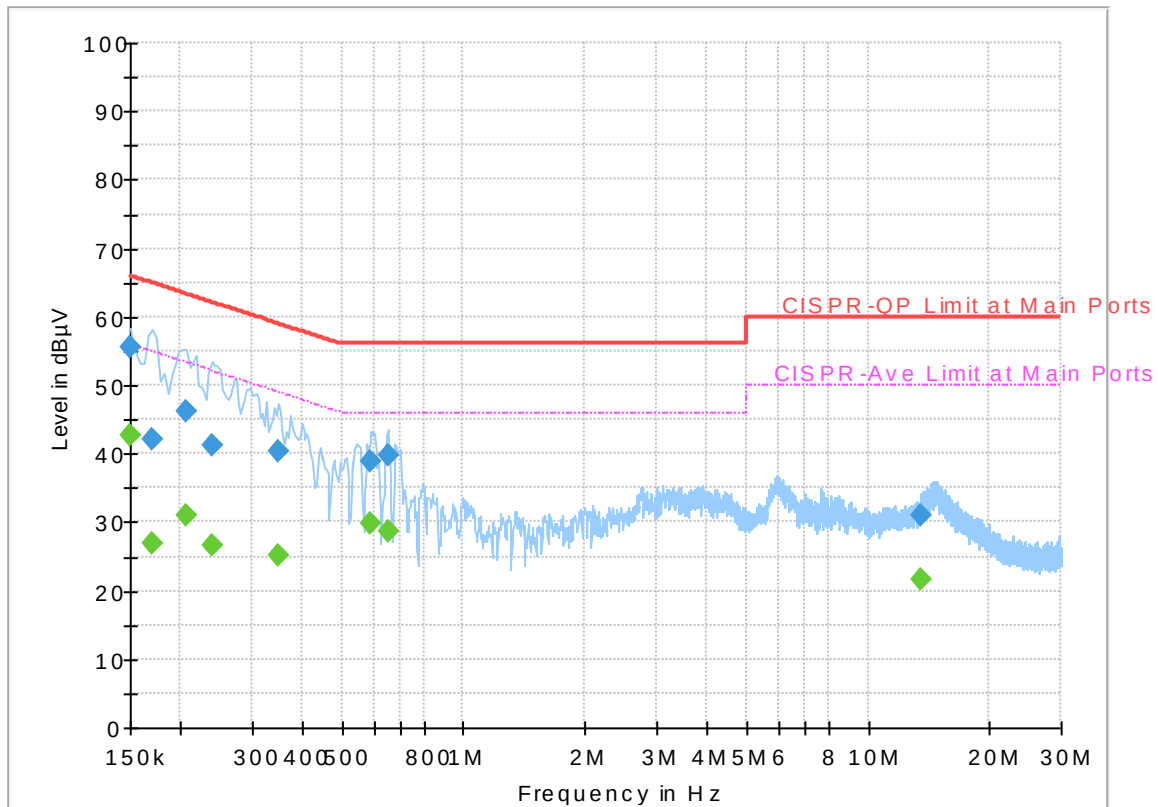
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Blue Lan	Temperature :	25~26℃
		Relative Humidity :	51~53%

EUT Information

Report NO : 820225
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



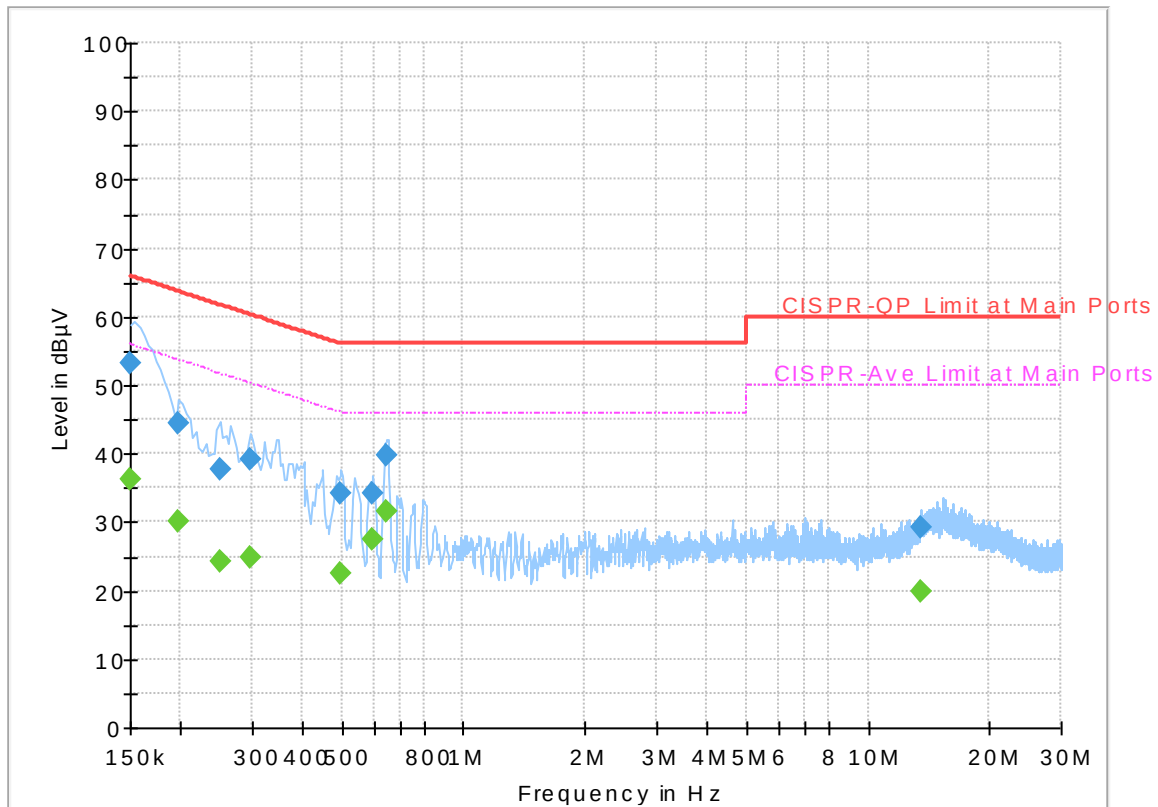
Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	42.81	56.00	13.19	L1	OFF	19.5
0.150000	55.62	---	66.00	10.38	L1	OFF	19.5
0.170000	---	27.01	54.96	27.95	L1	OFF	19.5
0.170000	42.11	---	64.96	22.85	L1	OFF	19.5
0.206000	---	30.95	53.37	22.42	L1	OFF	19.5
0.206000	46.21	---	63.37	17.16	L1	OFF	19.5
0.238000	---	26.47	52.17	25.70	L1	OFF	19.5
0.238000	41.32	---	62.17	20.85	L1	OFF	19.5
0.350000	---	25.21	48.96	23.75	L1	OFF	19.5
0.350000	40.47	---	58.96	18.49	L1	OFF	19.5
0.590000	---	29.90	46.00	16.10	L1	OFF	19.5
0.590000	38.80	---	56.00	17.20	L1	OFF	19.5
0.650000	---	28.59	46.00	17.41	L1	OFF	19.5
0.650000	39.87	---	56.00	16.13	L1	OFF	19.5
13.560000	---	21.70	50.00	28.30	L1	OFF	19.7
13.560000	31.00	---	60.00	29.00	L1	OFF	19.7

EUT Information

Report NO : 820225
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	36.18	56.00	19.82	N	OFF	19.5
0.150000	53.16	---	66.00	12.84	N	OFF	19.5
0.198000	---	30.13	53.69	23.56	N	OFF	19.5
0.198000	44.48	---	63.69	19.21	N	OFF	19.5
0.250000	---	24.37	51.76	27.39	N	OFF	19.5
0.250000	37.82	---	61.76	23.94	N	OFF	19.5
0.298000	---	24.90	50.30	25.40	N	OFF	19.5
0.298000	39.07	---	60.30	21.23	N	OFF	19.5
0.498000	---	22.54	46.03	23.49	N	OFF	19.5
0.498000	34.24	---	56.03	21.79	N	OFF	19.5
0.598000	---	27.57	46.00	18.43	N	OFF	19.5
0.598000	34.16	---	56.00	21.84	N	OFF	19.5
0.646000	---	31.47	46.00	14.53	N	OFF	19.5
0.646000	39.82	---	56.00	16.18	N	OFF	19.5
13.560000	---	20.00	50.00	30.00	N	OFF	19.8
13.560000	29.20	---	60.00	30.80	N	OFF	19.8



Appendix C. Radiated Spurious Emission

Test Engineer :	Hao Hsu, Ken Wu and Chuan Zhu	Temperature :	22~25°C
		Relative Humidity :	50~55%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	57.21	-16.79	74	49.44	31.75	9.05	33.03	100	219	P	H
		5150	50.92	-3.08	54	43.15	31.75	9.05	33.03	100	219	A	H
	*	5180	110.12	-	-	102.3	31.78	9.07	33.03	100	219	P	H
	*	5180	102.39	-	-	94.57	31.78	9.07	33.03	100	219	A	H
		5147.94	58.03	-15.97	74	50.26	31.75	9.05	33.03	363	44	P	V
		5150	49.43	-4.57	54	41.66	31.75	9.05	33.03	363	44	A	V
	*	5180	109.84	-	-	102.02	31.78	9.07	33.03	363	44	P	V
	*	5180	102.22	-	-	94.4	31.78	9.07	33.03	363	44	A	V
802.11a CH 44 5220MHz		5079.56	49.29	-24.71	74	41.66	31.68	8.99	33.04	100	221	P	H
		5061.62	39.33	-14.67	54	31.71	31.67	8.99	33.04	100	221	A	H
	*	5220	110.39	-	-	102.49	31.82	9.11	33.03	100	221	P	H
	*	5220	102.59	-	-	94.69	31.82	9.11	33.03	100	221	A	H
		5456.64	48.14	-25.86	74	39.82	32.05	9.29	33.02	100	221	P	H
		5453.04	39.08	-14.92	54	30.76	32.05	9.29	33.02	100	221	A	H
		5088.92	49.38	-24.62	74	41.71	31.7	9.01	33.04	400	357	P	V
		5058.76	39.31	-14.69	54	31.69	31.67	8.99	33.04	400	357	A	V
	*	5220	108.94	-	-	101.04	31.82	9.11	33.03	400	357	P	V
	*	5220	101.09	-	-	93.19	31.82	9.11	33.03	400	357	A	V
		5387.28	47.8	-26.2	74	39.64	31.98	9.2	33.02	400	357	P	V
		5456.88	38.83	-15.17	54	30.51	32.05	9.29	33.02	400	357	A	V



802.11a CH 48 5240MHz		5086.32	48.72	-25.28	74	41.07	31.68	9.01	33.04	337	221	P	H
		5052.52	39.31	-14.69	54	31.73	31.65	8.97	33.04	337	221	A	H
	*	5240	111.44	-	-	103.52	31.83	9.12	33.03	337	221	P	H
	*	5240	103.68	-	-	95.76	31.83	9.12	33.03	337	221	A	H
		5421.84	49.06	-24.94	74	40.8	32.02	9.26	33.02	337	221	P	H
		5452.8	39.15	-14.85	54	30.83	32.05	9.29	33.02	337	221	A	H
		5008.84	49.14	-24.86	74	41.61	31.62	8.95	33.04	340	185	P	V
		5055.12	39.3	-14.7	54	31.7	31.67	8.97	33.04	340	185	A	V
	*	5240	108.81	-	-	100.89	31.83	9.12	33.03	340	185	P	V
	*	5240	101.11	-	-	93.19	31.83	9.12	33.03	340	185	A	V
		5358.24	48.65	-25.35	74	40.54	31.95	9.19	33.03	340	185	P	V
		5458.8	38.78	-15.22	54	30.46	32.05	9.29	33.02	340	185	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	49.25	-18.95	68.2	54.81	39.51	14.94	60.01	100	0	P	H
		15540	47.61	-26.39	74	49.32	38	18.34	58.05	100	0	P	H
		10360	54.26	-13.94	68.2	59.82	39.51	14.94	60.01	100	0	P	V
		15540	60.24	-13.76	74	61.95	38	18.34	58.05	100	146	P	V
		15540	48.2	-5.8	54	49.91	38	18.34	58.05	100	146	A	V
													V
802.11a CH 44 5220MHz		10440	47.59	-20.61	68.2	53.14	39.61	14.99	60.15	100	0	P	H
		15660	48.48	-25.52	74	50.28	37.67	18.41	57.88	100	0	P	H
		10440	52.14	-16.06	68.2	57.69	39.61	14.99	60.15	100	0	P	V
		15660	57.23	-16.77	74	59.03	37.67	18.41	57.88	100	152	P	V
		15660	46.49	-7.51	54	48.29	37.67	18.41	57.88	100	152	A	V
802.11a CH 48 5240MHz		10480	54.14	-14.06	68.2	59.69	39.68	15.03	60.26	100	0	P	H
		15720	54.91	-19.09	74	56.8	37.47	18.43	57.79	100	251	P	H
		15720	41.61	-12.39	54	43.5	37.47	18.43	57.79	100	251	A	H
		10480	52.21	-15.99	68.2	57.76	39.68	15.03	60.26	100	0	P	V
		15720	57.59	-16.41	74	59.48	37.47	18.43	57.79	100	141	P	V
		15720	47.03	-6.97	54	48.92	37.47	18.43	57.79	100	141	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 (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		5147.68	55.86	-18.14	74	48.09	31.75	9.05	33.03	100	311	P	H
		5150	49.93	-4.07	54	42.16	31.75	9.05	33.03	100	311	A	H
	*	5180	109.72	-	-	101.9	31.78	9.07	33.03	100	311	P	H
	*	5180	101.52	-	-	93.7	31.78	9.07	33.03	100	311	A	H
		5149.76	58.51	-15.49	74	50.74	31.75	9.05	33.03	382	19	P	V
		5150	51.2	-2.8	54	43.43	31.75	9.05	33.03	382	19	A	V
	*	5180	109.12	-	-	101.3	31.78	9.07	33.03	382	19	P	V
	*	5180	100.87	-	-	93.05	31.78	9.07	33.03	382	19	A	V
802.11n HT20 CH 44 5220MHz		5024.7	51.02	-22.98	74	43.48	31.63	8.95	33.04	100	221	P	H
		5050.7	40.49	-13.51	54	32.91	31.65	8.97	33.04	100	221	A	H
	*	5220	110.49	-	-	102.59	31.82	9.11	33.03	100	221	P	H
	*	5220	102.08	-	-	94.18	31.82	9.11	33.03	100	221	A	H
		5414.11	48.4	-25.6	74	40.18	32.02	9.22	33.02	100	221	P	H
		5452.72	40.3	-13.7	54	31.98	32.05	9.29	33.02	100	221	A	H
		5148.46	49.84	-24.16	74	42.07	31.75	9.05	33.03	400	357	P	V
		5021.58	40.17	-13.83	54	32.63	31.63	8.95	33.04	400	357	A	V
	*	5220	108.26	-	-	100.36	31.82	9.11	33.03	400	357	P	V
	*	5220	99.99	-	-	92.09	31.82	9.11	33.03	400	357	A	V
		5447.59	48.96	-25.04	74	40.64	32.05	9.29	33.02	400	357	P	V
		5457.04	39.89	-14.11	54	31.57	32.05	9.29	33.02	400	357	A	V



802.11n HT20 CH 48 5240MHz		5072.02	48.48	-25.52	74	40.85	31.68	8.99	33.04	100	221	P	H
		5106.86	40.19	-13.81	54	32.5	31.72	9.01	33.04	100	221	A	H
	*	5240	110.83	-	-	102.91	31.83	9.12	33.03	100	221	P	H
	*	5240	102.73	-	-	94.81	31.83	9.12	33.03	100	221	A	H
		5446.24	48.02	-25.98	74	39.7	32.05	9.29	33.02	100	221	P	H
		5458.66	40.04	-13.96	54	31.72	32.05	9.29	33.02	100	221	A	H
		5024.18	49.77	-24.23	74	42.23	31.63	8.95	33.04	340	185	P	V
		5055.38	40.21	-13.79	54	32.59	31.67	8.99	33.04	340	185	A	V
	*	5240	108.73	-	-	100.81	31.83	9.12	33.03	340	185	P	V
	*	5240	100.73	-	-	92.81	31.83	9.12	33.03	340	185	A	V
		5456.5	47.82	-26.18	74	39.5	32.05	9.29	33.02	340	185	P	V
		5458.66	39.75	-14.25	54	31.43	32.05	9.29	33.02	340	185	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	50.43	-17.77	68.2	55.99	39.51	14.94	60.01	100	0	P	H
		15540	48.19	-25.81	74	49.9	38	18.34	58.05	100	0	P	H
		10360	53.7	-14.5	68.2	59.26	39.51	14.94	60.01	100	0	P	V
		15540	62.52	-11.48	74	64.23	38	18.34	58.05	100	145	P	V
		15540	47.45	-6.55	54	49.16	38	18.34	58.05	100	145	A	V
802.11n HT20 CH 44 5220MHz		10440	49.38	-18.82	68.2	54.93	39.61	14.99	60.15	100	0	P	H
		15660	49.82	-24.18	74	51.62	37.67	18.41	57.88	100	0	P	H
		10440	64.96	-3.24	68.2	70.51	39.61	14.99	60.15	102	62	P	V
		15660	61.37	-12.63	74	63.17	37.67	18.41	57.88	100	144	P	V
		15660	47.5	-6.5	54	49.3	37.67	18.41	57.88	100	144	A	V
802.11n HT20 CH 48 5240MHz		10480	50.05	-18.15	68.2	55.6	39.68	15.03	60.26	100	0	P	H
		15720	49.32	-24.68	74	51.21	37.47	18.43	57.79	100	0	P	H
		10480	56.4	-11.8	68.2	61.95	39.68	15.03	60.26	100	0	P	V
		15720	61.76	-12.24	74	63.65	37.47	18.43	57.79	100	143	P	V
		15720	47.3	-6.7	54	49.19	37.47	18.43	57.79	100	143	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (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		5148.98	56.27	-17.73	74	48.5	31.75	9.05	33.03	100	219	P	H
		5149.76	51.69	-2.31	54	43.92	31.75	9.05	33.03	100	219	A	H
	*	5190	104.72	-	-	96.88	31.78	9.09	33.03	100	219	P	H
	*	5190	96.74	-	-	88.9	31.78	9.09	33.03	100	219	A	H
		5387.48	48.88	-25.12	74	40.72	31.98	9.2	33.02	100	219	P	H
		5412.96	40.75	-13.25	54	32.53	32.02	9.22	33.02	100	219	A	H
		5148.98	55.4	-18.6	74	47.63	31.75	9.05	33.03	381	43	P	V
		5150	50.18	-3.82	54	42.41	31.75	9.05	33.03	381	43	A	V
	*	5190	103.11	-	-	95.27	31.78	9.09	33.03	381	43	P	V
	*	5190	94.89	-	-	87.05	31.78	9.09	33.03	381	43	A	V
		5359.76	48.13	-25.87	74	40.02	31.95	9.19	33.03	381	43	P	V
		5456.64	40.38	-13.62	54	32.06	32.05	9.29	33.02	381	43	A	V
802.11n HT40 CH 46 5230MHz		5146.9	53.98	-20.02	74	46.21	31.75	9.05	33.03	100	223	P	H
		5143.52	46.4	-7.6	54	38.63	31.75	9.05	33.03	100	223	A	H
	*	5230	109.4	-	-	101.49	31.83	9.11	33.03	100	223	P	H
	*	5230	100.51	-	-	92.6	31.83	9.11	33.03	100	223	A	H
		5350	48.78	-25.22	74	40.67	31.95	9.19	33.03	100	223	P	H
		5350	41.99	-12.01	54	33.88	31.95	9.19	33.03	100	223	A	H
		5141.44	51.37	-22.63	74	43.6	31.75	9.05	33.03	383	182	P	V
		5148.2	44.09	-9.91	54	36.32	31.75	9.05	33.03	383	182	A	V
	*	5230	108.3	-	-	100.39	31.83	9.11	33.03	383	182	P	V
	*	5230	99.76	-	-	91.85	31.83	9.11	33.03	383	182	A	V
		5362.56	49.24	-24.76	74	41.11	31.97	9.19	33.03	383	182	P	V
		5350	41.39	-12.61	54	33.28	31.95	9.19	33.03	383	182	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+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		10380	44.94	-23.26	68.2	50.49	39.54	14.95	60.04	100	0	P	H
		15570	46.49	-27.51	74	48.22	37.91	18.36	58	100	0	P	H
		10380	47.67	-20.53	68.2	53.22	39.54	14.95	60.04	100	0	P	V
		15570	45.72	-28.28	74	47.45	37.91	18.36	58	100	0	P	V
802.11n HT40 CH 46 5230MHz		10460	47.29	-20.91	68.2	52.85	39.63	15	60.19	100	0	P	H
		15690	48.22	-25.78	74	50.07	37.57	18.41	57.83	100	0	P	H
		10460	54.63	-13.57	68.2	60.19	39.63	15	60.19	100	0	P	V
		15690	57.28	-16.72	74	59.13	37.57	18.41	57.83	100	144	P	V
		15690	45.76	-8.24	54	47.61	37.57	18.41	57.83	100	144	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		5148.24	57.9	-16.1	74	50.13	31.75	9.05	33.03	100	217	P	H
		5149.6	52.25	-1.75	54	44.48	31.75	9.05	33.03	100	217	A	H
	*	5210	101.17	-	-	93.29	31.82	9.09	33.03	100	217	P	H
	*	5210	92.98	-	-	85.1	31.82	9.09	33.03	100	217	A	H
		5367.7	48.75	-25.25	74	40.61	31.97	9.2	33.03	100	217	P	H
		5458.7	40.58	-13.42	54	32.26	32.05	9.29	33.02	100	217	A	H
		5144.16	57.51	-16.49	74	49.74	31.75	9.05	33.03	400	56	P	V
		5149.26	49.35	-4.65	54	41.58	31.75	9.05	33.03	400	56	A	V
	*	5210	101.04	-	-	93.16	31.82	9.09	33.03	400	56	P	V
	*	5210	92.72	-	-	84.84	31.82	9.09	33.03	400	56	A	V
		5353.14	49.07	-24.93	74	40.96	31.95	9.19	33.03	400	56	P	V
		5447.52	40.37	-13.63	54	32.05	32.05	9.29	33.02	400	56	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+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		10420	45.48	-22.72	68.2	51.04	39.58	14.98	60.12	100	0	P	H
VHT80		15630	45.04	-28.96	74	46.85	37.71	18.39	57.91	100	0	P	H
CH 42		10420	45.67	-22.53	68.2	51.23	39.58	14.98	60.12	100	0	P	V
5210MHz		15630	46.19	-27.81	74	48	37.71	18.39	57.91	100	0	P	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		5027.2	49.16	-24.84	74	41.62	31.63	8.95	33.04	110	221	P	H
		5056.44	39.31	-14.69	54	31.69	31.67	8.99	33.04	110	221	A	H
	*	5260	111.41	-	-	103.45	31.87	9.12	33.03	110	221	P	H
	*	5260	103.67	-	-	95.71	31.87	9.12	33.03	110	221	A	H
		5454.24	48.23	-25.77	74	39.91	32.05	9.29	33.02	110	221	P	H
		5355.84	39.19	-14.81	54	31.08	31.95	9.19	33.03	110	221	A	H
		5089.08	49.49	-24.51	74	41.82	31.7	9.01	33.04	167	185	P	V
		5065.62	39.28	-14.72	54	31.66	31.67	8.99	33.04	167	185	A	V
	*	5260	109.27	-	-	101.31	31.87	9.12	33.03	167	185	P	V
	*	5260	101.05	-	-	93.09	31.87	9.12	33.03	167	185	A	V
		5381.04	47.88	-26.12	74	39.72	31.98	9.2	33.02	167	185	P	V
		5453.04	38.82	-15.18	54	30.5	32.05	9.29	33.02	167	185	A	V
802.11a CH 60 5300MHz		5046.24	49.36	-24.64	74	41.78	31.65	8.97	33.04	100	218	P	H
		5053.72	39.29	-14.71	54	31.71	31.65	8.97	33.04	100	218	A	H
	*	5300	111.93	-	-	103.9	31.9	9.16	33.03	100	218	P	H
	*	5300	104.33	-	-	96.3	31.9	9.16	33.03	100	218	A	H
		5358.96	50.57	-23.43	74	42.46	31.95	9.19	33.03	100	218	P	H
		5353.44	42.06	-11.94	54	33.95	31.95	9.19	33.03	100	218	A	H
		5103.7	48.97	-25.03	74	41.3	31.7	9.01	33.04	375	64	P	V
		5057.12	39.31	-14.69	54	31.69	31.67	8.99	33.04	375	64	A	V
	*	5300	110.07	-	-	102.04	31.9	9.16	33.03	375	64	P	V
	*	5300	102.36	-	-	94.33	31.9	9.16	33.03	375	64	A	V
		5352.24	48.56	-25.44	74	40.45	31.95	9.19	33.03	375	64	P	V
		5353.44	41.13	-12.87	54	33.02	31.95	9.19	33.03	375	64	A	V



802.11a CH 64 5320MHz	*	5320	111.55	-	-	103.49	31.92	9.17	33.03	106	218	P	H
	*	5320	103.64	-	-	95.58	31.92	9.17	33.03	106	218	A	H
		5350.08	61.59	-12.41	74	53.48	31.95	9.19	33.03	106	218	P	H
		5350.88	52.88	-1.12	54	44.77	31.95	9.19	33.03	106	218	A	H
	*	5320	109.85	-	-	101.79	31.92	9.17	33.03	375	64	P	V
	*	5320	102.46	-	-	94.4	31.92	9.17	33.03	375	64	A	V
		5352	60.41	-13.59	74	52.3	31.95	9.19	33.03	375	64	P	V
		5350.08	51.11	-2.89	54	43	31.95	9.19	33.03	375	64	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 (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	51.8	-16.4	68.2	57.38	39.71	15.05	60.34	100	0	P	H
		15780	49.78	-24.22	74	51.7	37.33	18.46	57.71	100	0	P	H
		10520	54.11	-14.09	68.2	59.69	39.71	15.05	60.34	100	0	P	V
		15780	60.07	-13.93	74	61.99	37.33	18.46	57.71	111	145	P	V
		15780	48.47	-5.53	54	50.39	37.33	18.46	57.71	111	145	A	V
802.11a CH 60 5300MHz		10600	45.3	-28.7	74	50.96	39.78	15.11	60.55	100	0	P	H
		15900	47.16	-26.84	74	49.18	36.99	18.53	57.54	100	0	P	H
		10600	60.24	-13.76	74	65.9	39.78	15.11	60.55	100	85	P	V
		10600	47.89	-6.11	54	53.55	39.78	15.11	60.55	100	85	A	V
		15900	58.35	-15.65	74	60.37	36.99	18.53	57.54	100	139	P	V
		15900	45.94	-8.06	54	47.96	36.99	18.53	57.54	100	139	A	V
802.11a CH 64 5320MHz		10640	46.01	-27.99	74	51.71	39.81	15.12	60.63	100	0	P	H
		15960	46.11	-27.89	74	48.2	36.8	18.56	57.45	100	0	P	H
		10640	49.5	-24.5	74	55.2	39.81	15.12	60.63	100	0	P	V
		15960	49.35	-24.65	74	51.44	36.8	18.56	57.45	100	0	P	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		5097.58	48.59	-25.41	74	40.92	31.7	9.01	33.04	111	221	P	H
		5052.7	40.35	-13.65	54	32.77	31.65	8.97	33.04	111	221	A	H
	*	5260	110.54	-	-	102.58	31.87	9.12	33.03	111	221	P	H
	*	5260	102.51	-	-	94.55	31.87	9.12	33.03	111	221	A	H
		5413.68	48.12	-25.88	74	39.9	32.02	9.22	33.02	111	221	P	H
		5359.44	40.14	-13.86	54	32.03	31.95	9.19	33.03	111	221	A	H
		5103.7	49.61	-24.39	74	41.94	31.7	9.01	33.04	400	184	P	V
		5054.74	40.24	-13.76	54	32.64	31.67	8.97	33.04	400	184	A	V
	*	5260	109.76	-	-	101.8	31.87	9.12	33.03	400	184	P	V
	*	5260	101.66	-	-	93.7	31.87	9.12	33.03	400	184	A	V
		5454.96	48.44	-25.56	74	40.12	32.05	9.29	33.02	400	184	P	V
		5456.64	39.78	-14.22	54	31.46	32.05	9.29	33.02	400	184	A	V
802.11n HT20 CH 60 5300MHz		5095.54	49.26	-24.74	74	41.59	31.7	9.01	33.04	100	219	P	H
		5062.9	40.32	-13.68	54	32.7	31.67	8.99	33.04	100	219	A	H
	*	5300	111.53	-	-	103.5	31.9	9.16	33.03	100	219	P	H
	*	5300	103.23	-	-	95.2	31.9	9.16	33.03	100	219	A	H
		5352.24	50.62	-23.38	74	42.51	31.95	9.19	33.03	100	219	P	H
		5352.24	42.73	-11.27	54	34.62	31.95	9.19	33.03	100	219	A	H
		5005.78	50.21	-23.79	74	42.68	31.62	8.95	33.04	376	55	P	V
		5073.78	40.63	-13.37	54	33	31.68	8.99	33.04	376	55	A	V
	*	5300	110.3	-	-	102.27	31.9	9.16	33.03	376	55	P	V
	*	5300	102.13	-	-	94.1	31.9	9.16	33.03	376	55	A	V
		5353.92	49.37	-24.63	74	41.26	31.95	9.19	33.03	376	55	P	V
		5351.04	41.51	-12.49	54	33.4	31.95	9.19	33.03	376	55	A	V



802.11n HT20 CH 64 5320MHz	*	5320	111.11	-	-	103.05	31.92	9.17	33.03	107	219	P	H
	*	5320	102.56	-	-	94.5	31.92	9.17	33.03	107	219	A	H
		5351.68	59.43	-14.57	74	51.32	31.95	9.19	33.03	107	219	P	H
		5350.72	51.17	-2.83	54	43.06	31.95	9.19	33.03	107	219	A	H
	*	5320	110.14	-	-	102.08	31.92	9.17	33.03	375	57	P	V
	*	5320	101.86	-	-	93.8	31.92	9.17	33.03	375	57	A	V
		5350.72	58.33	-15.67	74	50.22	31.95	9.19	33.03	375	57	P	V
		5350.88	48.91	-5.09	54	40.8	31.95	9.19	33.03	375	57	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n 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	49.21	-18.99	68.2	54.79	39.71	15.05	60.34	100	0	P	H
		15780	60.53	-13.47	74	62.45	37.33	18.46	57.71	100	317	P	H
		15780	46.63	-7.37	54	48.55	37.33	18.46	57.71	100	317	A	H
		10520	54.85	-13.35	68.2	60.43	39.71	15.05	60.34	100	0	P	V
		15780	63.4	-10.6	74	65.32	37.33	18.46	57.71	100	360	P	V
		15780	49.83	-4.17	54	51.75	37.33	18.46	57.71	100	360	A	V
802.11n HT20 CH 60 5300MHz		10600	47.98	-26.02	74	53.64	39.78	15.11	60.55	100	0	P	H
		15900	48.76	-25.24	74	50.78	36.99	18.53	57.54	100	0	P	H
		10600	63.06	-10.94	74	68.72	39.78	15.11	60.55	100	329	P	V
		10600	48.06	-5.94	54	53.72	39.78	15.11	60.55	100	329	A	V
		15900	61.99	-12.01	74	64.01	36.99	18.53	57.54	100	139	P	V
		15900	47.03	-6.97	54	49.05	36.99	18.53	57.54	100	139	A	V
802.11n HT20 CH 64 5320MHz		10640	47.98	-26.02	74	53.68	39.81	15.12	60.63	100	0	P	H
		15960	49.69	-24.31	74	51.78	36.8	18.56	57.45	100	0	P	H
		10640	64.51	-9.49	74	70.21	39.81	15.12	60.63	100	319	P	V
		10640	48.89	-5.11	54	54.59	39.81	15.12	60.63	100	319	A	V
		15960	61.24	-12.76	74	63.33	36.8	18.56	57.45	100	140	P	V
		15960	46.65	-7.35	54	48.74	36.8	18.56	57.45	100	140	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (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		5106.08	49.44	-24.56	74	41.75	31.72	9.01	33.04	100	221	P	H
		5054.4	41.16	-12.84	54	33.58	31.65	8.97	33.04	100	221	A	H
	*	5270	109.58	-	-	101.6	31.87	9.14	33.03	100	221	P	H
	*	5270	101.28	-	-	93.3	31.87	9.14	33.03	100	221	A	H
		5352.24	54.45	-19.55	74	46.34	31.95	9.19	33.03	100	221	P	H
		5350.08	48.63	-5.37	54	40.52	31.95	9.19	33.03	100	221	A	H
		5118.32	49.03	-24.97	74	41.31	31.72	9.03	33.03	400	183	P	V
		5039.1	41.03	-12.97	54	33.45	31.65	8.97	33.04	400	183	A	V
	*	5270	108.65	-	-	100.67	31.87	9.14	33.03	400	183	P	V
	*	5270	100.39	-	-	92.41	31.87	9.14	33.03	400	183	A	V
		5362.8	52.61	-21.39	74	44.48	31.97	9.19	33.03	400	183	P	V
		5350.08	45.28	-8.72	54	37.17	31.95	9.19	33.03	400	183	A	V
802.11n HT40 CH 62 5310MHz		5064.94	49.67	-24.33	74	42.05	31.67	8.99	33.04	100	217	P	H
		5023.8	41.35	-12.65	54	33.81	31.63	8.95	33.04	100	217	A	H
	*	5310	105.52	-	-	97.47	31.92	9.16	33.03	100	217	P	H
	*	5310	97.37	-	-	89.32	31.92	9.16	33.03	100	217	A	H
		5356.08	58.03	-15.97	74	49.92	31.95	9.19	33.03	100	217	P	H
		5353.92	51.18	-2.82	54	43.07	31.95	9.19	33.03	100	217	A	H
		5147.22	49.78	-24.22	74	42.01	31.75	9.05	33.03	400	5	P	V
		5074.8	41.26	-12.74	54	33.63	31.68	8.99	33.04	400	5	A	V
	*	5310	102.35	-	-	94.3	31.92	9.16	33.03	400	5	P	V
	*	5310	94.64	-	-	86.59	31.92	9.16	33.03	400	5	A	V
		5352.96	52.52	-21.48	74	44.41	31.95	9.19	33.03	400	5	P	V
		5350.08	48.22	-5.78	54	40.11	31.95	9.19	33.03	400	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+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		10540	47.05	-21.15	68.2	52.63	39.73	15.07	60.38	100	0	P	H
		15810	47.82	-26.18	74	49.77	37.23	18.49	57.67	100	0	P	H
		10540	51.15	-17.05	68.2	56.73	39.73	15.07	60.38	100	0	P	V
		15810	57.55	-16.45	74	59.5	37.23	18.49	57.67	100	141	P	V
		15810	47.18	-6.82	54	49.13	37.23	18.49	57.67	100	141	A	V
802.11n HT40 CH 62 5310MHz		10620	46.91	-27.09	74	52.59	39.8	15.11	60.59	100	0	P	H
		15930	45	-29	74	47.06	36.89	18.55	57.5	100	0	P	H
		10620	46.29	-27.71	74	51.97	39.8	15.11	60.59	100	0	P	V
		15930	49.05	-24.95	74	51.11	36.89	18.55	57.5	100	0	P	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		5045.9	49.96	-24.04	74	42.38	31.65	8.97	33.04	100	222	P	H
		5054.06	41.44	-12.56	54	33.86	31.65	8.97	33.04	100	222	A	H
	*	5290	102.88	-	-	94.87	31.88	9.16	33.03	100	222	P	H
	*	5290	95.23	-	-	87.22	31.88	9.16	33.03	100	222	A	H
		5362.8	60.03	-13.97	74	51.9	31.97	9.19	33.03	100	222	P	H
		5350.08	53	-1	54	44.89	31.95	9.19	33.03	100	222	A	H
		5040.12	49.58	-24.42	74	42	31.65	8.97	33.04	400	3	P	V
		5105.74	41.3	-12.7	54	33.61	31.72	9.01	33.04	400	3	A	V
	*	5290	99.98	-	-	91.97	31.88	9.16	33.03	400	3	P	V
	*	5290	91.76	-	-	83.75	31.88	9.16	33.03	400	3	A	V
		5360.4	56.4	-17.6	74	48.29	31.95	9.19	33.03	400	3	P	V
		5360.4	49.88	-4.12	54	41.77	31.95	9.19	33.03	400	3	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+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		10580	45.38	-22.82	68.2	51.03	39.77	15.09	60.51	100	0	P	H
VHT80		15870	43.46	-30.54	74	45.48	37.04	18.51	57.57	100	0	P	H
CH 58		10580	48.03	-20.17	68.2	53.68	39.77	15.09	60.51	100	0	P	V
5290MHz		15870	43.74	-30.26	74	45.76	37.04	18.51	57.57	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (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		5458.96	55.15	-18.85	74	46.83	32.05	9.29	33.02	103	120	P	H
		5468.56	63.26	-4.94	68.2	54.92	32.07	9.29	33.02	103	120	P	H
		5460	46.6	-7.4	54	38.28	32.05	9.29	33.02	103	120	A	H
	*	5500	111.68	-	-	103.23	32.1	9.37	33.02	103	120	P	H
	*	5500	104.93	-	-	96.48	32.1	9.37	33.02	103	120	A	H
		5460.08	52.72	-15.48	68.2	44.4	32.05	9.29	33.02	375	164	P	V
		5470	57.84	-10.36	68.2	49.5	32.07	9.29	33.02	375	164	P	V
		5460	44.45	-9.55	54	36.13	32.05	9.29	33.02	375	164	A	V
	*	5500	109.52	-	-	101.07	32.1	9.37	33.02	375	164	P	V
	*	5500	101.66	-	-	93.21	32.1	9.37	33.02	375	164	A	V
802.11a CH 116 5580MHz		5443.84	48.76	-25.24	74	40.49	32.03	9.26	33.02	100	214	P	H
		5464.48	48.58	-19.62	68.2	40.24	32.07	9.29	33.02	100	214	P	H
		5452.48	40	-14	54	31.68	32.05	9.29	33.02	100	214	A	H
	*	5580	112.37	-	-	103.74	32.22	9.48	33.07	100	214	P	H
	*	5580	103.69	-	-	95.06	32.22	9.48	33.07	100	214	A	H
		5751.14	49.46	-18.74	68.2	40.2	32.53	9.88	33.15	100	214	P	H
		5413.36	48.51	-25.49	74	40.29	32.02	9.22	33.02	396	174	P	V
		5465.2	48.7	-19.5	68.2	40.36	32.07	9.29	33.02	396	174	P	V
		5454.64	39.68	-14.32	54	31.36	32.05	9.29	33.02	396	174	A	V
	*	5580	111.49	-	-	102.86	32.22	9.48	33.07	396	174	P	V
	*	5580	103.07	-	-	94.44	32.22	9.48	33.07	396	174	A	V
		5741.375	49.32	-18.88	68.2	40.06	32.53	9.88	33.15	396	174	P	V



802.11a CH 140 5700MHz	*	5700	111.92	-	-	102.85	32.44	9.75	33.12	100	300	P	H
	*	5700	104.34	-	-	95.27	32.44	9.75	33.12	100	300	A	H
		5730.44	67.07	-1.13	68.2	57.84	32.5	9.88	33.15	100	300	P	H
	*	5700	110.11	-	-	101.04	32.44	9.75	33.12	362	28	P	V
	*	5700	102.56	-	-	93.49	32.44	9.75	33.12	362	28	A	V
		5725.72	66.15	-2.05	68.2	56.97	32.5	9.81	33.13	362	28	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11a (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	59.85	-14.15	74	65.87	40.1	15.38	61.5	100	45	P	H
		11000	43.52	-10.48	54	49.54	40.1	15.38	61.5	100	45	A	H
		16500	49.86	-18.34	68.2	49.62	38.5	19.04	57.3	100	0	P	H
		11000	66.2	-7.8	74	72.22	40.1	15.38	61.5	100	319	P	V
		11000	48.7	-5.3	54	54.72	40.1	15.38	61.5	100	319	A	V
		16500	50.98	-17.22	68.2	50.74	38.5	19.04	57.3	100	0	P	V
802.11a CH 116 5580MHz		11160	57.24	-16.76	74	63.21	40.07	15.49	61.53	100	74	P	H
		11160	45.48	-8.52	54	51.45	40.07	15.49	61.53	100	74	A	H
		16740	45.68	-22.52	68.2	44.17	39.08	19.25	56.82	100	0	P	H
		11160	61.09	-12.91	74	67.06	40.07	15.49	61.53	100	99	P	V
		11160	48.94	-5.06	54	54.91	40.07	15.49	61.53	100	99	A	V
		16740	47.21	-20.99	68.2	45.7	39.08	19.25	56.82	100	0	P	V
802.11a CH 140 5700MHz		11400	48.02	-25.98	74	53.92	40.02	15.66	61.58	100	0	P	H
		17100	46.17	-22.03	68.2	42.66	40.06	19.53	56.08	100	0	P	H
		11400	61.79	-12.21	74	67.69	40.02	15.66	61.58	100	98	P	V
		11400	49.72	-4.28	54	55.62	40.02	15.66	61.58	100	98	A	V
		17100	48.5	-19.7	68.2	44.99	40.06	19.53	56.08	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+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		5458.16	53.46	-20.54	74	45.14	32.05	9.29	33.02	105	237	P	H
		5469.84	56.11	-12.09	68.2	47.77	32.07	9.29	33.02	105	237	P	H
		5460	43.17	-10.83	54	34.85	32.05	9.29	33.02	105	237	A	H
	*	5500	110.8	-	-	102.35	32.1	9.37	33.02	105	237	P	H
	*	5500	102.81	-	-	94.36	32.1	9.37	33.02	105	237	A	H
		5459.28	53.01	-20.99	74	44.69	32.05	9.29	33.02	399	33	P	V
		5467.12	60.58	-7.62	68.2	52.24	32.07	9.29	33.02	399	33	P	V
		5460	43	-11	54	34.68	32.05	9.29	33.02	399	33	A	V
	*	5500	108.84	-	-	100.39	32.1	9.37	33.02	399	33	P	V
	*	5500	101	-	-	92.55	32.1	9.37	33.02	399	33	A	V
802.11n HT20 CH 116 5580MHz		5434.72	48.68	-25.32	74	40.41	32.03	9.26	33.02	105	312	P	H
		5468.08	48.25	-19.95	68.2	39.91	32.07	9.29	33.02	105	312	P	H
		5449.84	39.95	-14.05	54	31.63	32.05	9.29	33.02	105	312	A	H
	*	5580	112.2	-	-	103.57	32.22	9.48	33.07	105	312	P	H
	*	5580	103.73	-	-	95.1	32.22	9.48	33.07	105	312	A	H
		5725.94	49.07	-19.13	68.2	39.89	32.5	9.81	33.13	105	312	P	H
		5454.16	48.12	-25.88	74	39.8	32.05	9.29	33.02	363	177	P	V
		5467.12	47.67	-20.53	68.2	39.33	32.07	9.29	33.02	363	177	P	V
		5454.88	39.71	-14.29	54	31.39	32.05	9.29	33.02	363	177	A	V
	*	5580	110.26	-	-	101.63	32.22	9.48	33.07	363	177	P	V
	*	5580	101.97	-	-	93.34	32.22	9.48	33.07	363	177	A	V
		5731.295	49.02	-19.18	68.2	39.79	32.5	9.88	33.15	363	177	P	V



802.11n HT20 CH 140 5700MHz	*	5700	110.84	-	-	101.77	32.44	9.75	33.12	100	114	P	H
	*	5700	102.65	-	-	93.58	32.44	9.75	33.12	100	114	A	H
		5725.16	65.52	-2.68	68.2	56.34	32.5	9.81	33.13	100	114	P	H
	*	5700	110.28	-	-	101.21	32.44	9.75	33.12	396	171	P	V
	*	5700	102.16	-	-	93.09	32.44	9.75	33.12	396	171	A	V
		5725.24	65.21	-2.99	68.2	56.03	32.5	9.81	33.13	396	171	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (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	49.62	-24.38	74	55.64	40.1	15.38	61.5	100	0	P	H
		16500	49.19	-19.01	68.2	48.95	38.5	19.04	57.3	100	0	P	H
		11000	66.14	-7.86	74	72.16	40.1	15.38	61.5	100	317	P	V
		11000	50.68	-3.32	54	56.7	40.1	15.38	61.5	100	317	A	V
		16500	51.65	-16.55	68.2	51.41	38.5	19.04	57.3	100	0	P	V
802.11n HT20 CH 116 5580MHz		11160	61.07	-12.93	74	67.04	40.07	15.49	61.53	100	44	P	H
		11160	46.44	-7.56	54	52.41	40.07	15.49	61.53	100	44	A	H
		16740	46.71	-21.49	68.2	45.2	39.08	19.25	56.82	100	0	P	H
		11160	64.97	-9.03	74	70.94	40.07	15.49	61.53	103	319	P	V
		11160	50.83	-3.17	54	56.8	40.07	15.49	61.53	103	319	A	V
		16740	47.1	-21.1	68.2	45.59	39.08	19.25	56.82	100	0	P	V
802.11n HT20 CH 140 5700MHz		11400	61.22	-12.78	74	67.12	40.02	15.66	61.58	100	68	P	H
		11400	46.05	-7.95	54	51.95	40.02	15.66	61.58	100	68	A	H
		17100	48.41	-19.79	68.2	44.9	40.06	19.53	56.08	100	0	P	H
		11400	64.23	-9.77	74	70.13	40.02	15.66	61.58	100	96	P	V
		11400	48.54	-5.46	54	54.44	40.02	15.66	61.58	100	96	A	V
		17100	47.61	-20.59	68.2	44.1	40.06	19.53	56.08	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n 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		5459.68	58.22	-15.78	74	49.9	32.05	9.29	33.02	100	238	P	H
		5469.76	61.6	-6.6	68.2	53.26	32.07	9.29	33.02	100	238	P	H
		5459.44	50.81	-3.19	54	42.49	32.05	9.29	33.02	100	238	A	H
	*	5510	105.94	-	-	97.5	32.1	9.37	33.03	100	238	P	H
	*	5510	98	-	-	89.56	32.1	9.37	33.03	100	238	A	H
		5740.115	48.82	-19.38	68.2	39.56	32.53	9.88	33.15	100	238	P	H
		5459.2	56.5	-17.5	74	48.18	32.05	9.29	33.02	377	181	P	V
		5469.76	60.04	-8.16	68.2	51.7	32.07	9.29	33.02	377	181	P	V
		5457.28	49.18	-4.82	54	40.86	32.05	9.29	33.02	377	181	A	V
	*	5510	104.94	-	-	96.5	32.1	9.37	33.03	377	181	P	V
	*	5510	96.79	-	-	88.35	32.1	9.37	33.03	377	181	A	V
		5740.745	49.72	-18.48	68.2	40.46	32.53	9.88	33.15	377	181	P	V
802.11n HT40 CH 110 5550MHz		5456.32	56.22	-17.78	74	47.9	32.05	9.29	33.02	100	229	P	H
		5468.8	59.36	-8.84	68.2	51.02	32.07	9.29	33.02	100	229	P	H
		5454.88	49.84	-4.16	54	41.52	32.05	9.29	33.02	100	229	A	H
	*	5550	109.41	-	-	100.83	32.19	9.44	33.05	100	229	P	H
	*	5550	101.28	-	-	92.7	32.19	9.44	33.05	100	229	A	H
		5727.83	49.21	-18.99	68.2	40.03	32.5	9.81	33.13	100	229	P	H
		5453.68	53.48	-20.52	74	45.16	32.05	9.29	33.02	400	177	P	V
		5470	53.22	-14.98	68.2	44.88	32.07	9.29	33.02	400	177	P	V
		5451.04	46.52	-7.48	54	38.2	32.05	9.29	33.02	400	177	A	V
	*	5550	109.32	-	-	100.74	32.19	9.44	33.05	400	177	P	V
	*	5550	100.83	-	-	92.25	32.19	9.44	33.05	400	177	A	V
		5744.84	49.39	-18.81	68.2	40.13	32.53	9.88	33.15	400	177	P	V



802.11n HT40 CH 134 5670MHz		5389.55	48.2	-25.8	74	40.04	31.98	9.2	33.02	100	232	P	H
		5466.9	47.65	-20.55	68.2	39.31	32.07	9.29	33.02	100	232	P	H
		5458.5	40.64	-13.36	54	32.32	32.05	9.29	33.02	100	232	A	H
	*	5670	110.25	-	-	101.27	32.41	9.68	33.11	100	232	P	H
	*	5670	101.38	-	-	92.4	32.41	9.68	33.11	100	232	A	H
		5725.1	64.71	-3.49	68.2	55.53	32.5	9.81	33.13	100	232	P	H
		5401.8	48.26	-25.74	74	40.06	32	9.22	33.02	400	174	P	V
		5462	46.72	-21.48	68.2	38.4	32.05	9.29	33.02	400	174	P	V
		5455	40.37	-13.63	54	32.05	32.05	9.29	33.02	400	174	A	V
	*	5670	109.01	-	-	100.03	32.41	9.68	33.11	400	174	P	V
	*	5670	100.13	-	-	91.15	32.41	9.68	33.11	400	174	A	V
		5726.675	60.46	-7.74	68.2	51.28	32.5	9.81	33.13	400	174	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+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		11020	48.56	-25.44	74	54.56	40.1	15.4	61.5	100	0	P	H
		16530	44.67	-23.53	68.2	44.26	38.58	19.06	57.23	100	0	P	H
		11020	58.09	-15.91	74	64.09	40.1	15.4	61.5	100	321	P	V
		11020	46.36	-7.64	54	52.36	40.1	15.4	61.5	100	321	A	V
		16530	45.53	-22.67	68.2	45.12	38.58	19.06	57.23	100	0	P	V
802.11n HT40 CH 110 5550MHz		11100	47.97	-26.03	74	53.96	40.08	15.45	61.52	100	0	P	H
		16650	46.06	-22.14	68.2	45.01	38.87	19.17	56.99	100	0	P	H
		11100	60.82	-13.18	74	66.81	40.08	15.45	61.52	100	312	P	V
		11100	50.44	-3.56	54	56.43	40.08	15.45	61.52	100	312	A	V
		16650	45.56	-22.64	68.2	44.51	38.87	19.17	56.99	100	0	P	V
802.11n HT40 CH 134 5670MHz		11340	48.1	-25.9	74	54.02	40.03	15.62	61.57	100	0	P	H
		17010	49.07	-19.13	68.2	46.09	39.76	19.48	56.26	100	0	P	H
		11340	57.91	-16.09	74	63.83	40.03	15.62	61.57	100	135	P	V
		11340	48.19	-5.81	54	54.11	40.03	15.62	61.57	100	135	A	V
		17010	51.6	-16.6	68.2	48.62	39.76	19.48	56.26	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac 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		5459.92	58.59	-15.41	74	50.27	32.05	9.29	33.02	108	221	P	H
		5466.4	59.38	-8.82	68.2	51.04	32.07	9.29	33.02	108	221	P	H
		5458.72	51.85	-2.15	54	43.53	32.05	9.29	33.02	108	221	A	H
	*	5530	102.36	-	-	93.87	32.13	9.41	33.05	108	221	P	H
	*	5530	94.11	-	-	85.62	32.13	9.41	33.05	108	221	A	H
		5751.14	49.37	-18.83	68.2	40.11	32.53	9.88	33.15	108	221	P	H
		5452.24	54.94	-19.06	74	46.62	32.05	9.29	33.02	400	33	P	V
		5470	57.84	-10.36	68.2	49.5	32.07	9.29	33.02	400	33	P	V
		5452.48	47.74	-6.26	54	39.42	32.05	9.29	33.02	400	33	A	V
	*	5530	99.73	-	-	91.24	32.13	9.41	33.05	400	33	P	V
	*	5530	91.91	-	-	83.42	32.13	9.41	33.05	400	33	A	V
		5734.13	49.43	-18.77	68.2	40.2	32.5	9.88	33.15	400	33	P	V
802.11ac VHT80 CH 122 5610MHz		5453.95	58.83	-15.17	74	50.51	32.05	9.29	33.02	100	217	P	H
		5470	58.46	-9.74	68.2	50.12	32.07	9.29	33.02	100	217	P	H
		5455	50.67	-3.33	54	42.35	32.05	9.29	33.02	100	217	A	H
	*	5610	105.4	-	-	96.64	32.29	9.55	33.08	100	217	P	H
	*	5610	97.63	-	-	88.87	32.29	9.55	33.08	100	217	A	H
		5732.1	62.38	-5.82	68.2	53.15	32.5	9.88	33.15	100	217	P	H
		5455.7	56.65	-17.35	74	48.33	32.05	9.29	33.02	377	136	P	V
		5470	56.57	-11.63	68.2	48.23	32.07	9.29	33.02	377	136	P	V
		5455	48.64	-5.36	54	40.32	32.05	9.29	33.02	377	136	A	V
	*	5610	104.53	-	-	95.77	32.29	9.55	33.08	377	136	P	V
	*	5610	96.31	-	-	87.55	32.29	9.55	33.08	377	136	A	V
		5736.3	58.68	-9.52	68.2	49.42	32.53	9.88	33.15	377	136	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 5470~5725MHz****WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 106 5530MHz		11060	44.65	-29.35	74	50.65	40.09	15.42	61.51	100	0	P	H
		16590	44.09	-24.11	68.2	43.4	38.71	19.11	57.13	100	0	P	H
		11060	47.28	-26.72	74	53.28	40.09	15.42	61.51	100	0	P	V
		16590	45.1	-23.1	68.2	44.41	38.71	19.11	57.13	100	0	P	V
802.11ac VHT80 CH 122 5610MHz		11220	48.77	-25.23	74	54.71	40.06	15.54	61.54	100	0	P	H
		16830	44.07	-24.13	68.2	42.09	39.29	19.33	56.64	100	0	P	H
		11220	56.25	-17.75	74	62.19	40.06	15.54	61.54	100	319	P	V
		11220	44.95	-9.05	54	50.89	40.06	15.54	61.54	100	319	A	V
		16830	46.5	-21.7	68.2	44.52	39.29	19.33	56.64	100	0	P	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	110.85	-	-	101.67	32.5	9.81	33.13	119	297	P	H
	*	5720	103.22	-	-	94.04	32.5	9.81	33.13	119	297	A	H
	*	5720	108.99	-	-	99.81	32.5	9.81	33.13	378	26	P	V
	*	5720	101.44	-	-	92.26	32.5	9.81	33.13	378	26	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 (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 144 5720MHz		11440	61.86	-12.14	74	67.76	40.01	15.68	61.59	100	360	P	H
		11440	49.67	-4.33	54	55.57	40.01	15.68	61.59	100	360	A	H
		17160	47.78	-20.42	68.2	43.85	40.3	19.56	55.93	100	0	P	H
		11440	59.26	-14.74	74	65.16	40.01	15.68	61.59	320	360	P	V
		11440	47.36	-6.64	54	53.26	40.01	15.68	61.59	320	360	A	V
		17160	46.17	-22.03	68.2	42.24	40.3	19.56	55.93	100	0	P	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	*	5720	111.87	-	-	102.69	32.5	9.81	33.13	101	113	P	H
HT20	*	5720	103.1	-	-	93.92	32.5	9.81	33.13	101	113	A	H
CH 144	*	5720	111.06	-	-	101.88	32.5	9.81	33.13	375	173	P	V
5720MHz	*	5720	102.28	-	-	93.1	32.5	9.81	33.13	375	173	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n 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 144 5720MHz		11440	61.3	-12.7	74	67.2	40.01	15.68	61.59	100	43	P	H
		11440	45.74	-8.26	54	51.64	40.01	15.68	61.59	100	43	A	H
		17160	48.98	-19.22	68.2	45.05	40.3	19.56	55.93	100	0	P	H
		11440	64.27	-9.73	74	70.17	40.01	15.68	61.59	100	100	P	V
		11440	50.66	-3.34	54	56.56	40.01	15.68	61.59	100	100	A	V
		17160	50.04	-18.16	68.2	46.11	40.3	19.56	55.93	100	0	P	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	*	5710	108.86	-	-	99.71	32.47	9.81	33.13	100	219	P	H
HT40	*	5710	100.16	-	-	91.01	32.47	9.81	33.13	100	219	A	H
CH 142	*	5710	106.69	-	-	97.54	32.47	9.81	33.13	400	16	P	V
5710MHz	*	5710	98.35	-	-	89.2	32.47	9.81	33.13	400	16	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (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 HT40 CH 142 5710MHz		11420	48.46	-25.54	74	54.35	40.02	15.67	61.58	100	0	P	H
		17130	48.88	-19.32	68.2	45.16	40.18	19.55	56.01	100	0	P	H
		11420	58.8	-15.2	74	64.69	40.02	15.67	61.58	100	98	P	V
		11420	47.61	-6.39	54	53.5	40.02	15.67	61.58	100	98	A	V
		17130	48.24	-19.96	68.2	44.52	40.18	19.55	56.01	100	0	P	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	*	5690	106.57	-	-	97.5	32.44	9.75	33.12	100	297	P	H
VHT80	*	5690	98.77	-	-	89.7	32.44	9.75	33.12	100	297	A	H
CH 138	*	5690	104.41	-	-	95.34	32.44	9.75	33.12	377	180	P	V
5690MHz	*	5690	96.57	-	-	87.5	32.44	9.75	33.12	377	180	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (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)
802.11ac		11380	44.83	-29.17	74	50.74	40.02	15.65	61.58	100	0	P	H
VHT80		17070	48.29	-19.91	68.2	44.98	39.94	19.52	56.15	100	0	P	H
CH 138		11380	44.62	-29.38	74	50.53	40.02	15.65	61.58	100	0	P	V
5690MHz		17070	50.44	-17.76	68.2	47.13	39.94	19.52	56.15	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	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)
802.11ac VHT80 LF		79.14	25.79	-14.21	40	43.98	13.06	1.23	32.48	-	-	P	H
		157.71	30.24	-13.26	43.5	44.6	16.36	1.71	32.43	-	-	P	H
		170.4	30.81	-12.69	43.5	46.22	15.31	1.7	32.42	-	-	P	H
		348.3	26.49	-19.51	46	36.26	20.15	2.43	32.35	-	-	P	H
		671.7	28.38	-17.62	46	31.19	26.27	3.39	32.47	-	-	P	H
		940.5	33.61	-12.39	46	30.81	30.1	3.99	31.29	100	0	P	H
		49.44	34.2	-5.8	40	51.18	14.48	1.03	32.49	100	112	P	V
		61.59	32.65	-7.35	40	52.51	11.59	1.04	32.49	-	-	P	V
		79.14	29.43	-10.57	40	47.62	13.06	1.23	32.48	-	-	P	V
		467.3	26.35	-19.65	46	32.64	23.26	2.81	32.36	-	-	P	V
		761.3	29.03	-16.97	46	29.83	27.91	3.58	32.29	-	-	P	V
		948.9	32.76	-13.24	46	29.47	30.51	3.99	31.21	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<For WPC Charging Mode>

Band 2 - 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5128.52	49.21	-24.79	74	41.48	31.73	9.03	33.03	245	349	P	H
		5016.32	41.42	-12.58	54	33.89	31.62	8.95	33.04	245	349	A	H
	*	5290	100.47	-	-	92.46	31.88	9.16	33.03	245	349	P	H
	*	5290	92.39	-	-	84.38	31.88	9.16	33.03	245	349	A	H
		5357.52	59.71	-14.29	74	51.6	31.95	9.19	33.03	245	349	P	H
		5356.08	49.58	-4.42	54	41.47	31.95	9.19	33.03	245	349	A	H
		5134.98	50.22	-23.78	74	42.47	31.73	9.05	33.03	205	0	P	V
		5112.54	41.44	-12.56	54	33.73	31.72	9.03	33.04	205	0	A	V
	*	5290	102.19	-	-	94.18	31.88	9.16	33.03	205	0	P	V
	*	5290	94.13	-	-	86.12	31.88	9.16	33.03	205	0	A	V
		5350.32	58.9	-15.1	74	50.79	31.95	9.19	33.03	205	0	P	V
		5350.32	51.13	-2.87	54	43.02	31.95	9.19	33.03	205	0	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ac VHT80 (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)
802.11ac		10580	45.55	-28.45	74	51.2	39.77	15.09	60.51	100	0	P	H
VHT80		15870	43.74	-30.26	74	45.76	37.04	18.51	57.57	100	0	P	H
CH 58		10580	45.43	-28.57	74	51.08	39.77	15.09	60.51	100	0	P	V
5290MHz		15870	42.97	-31.03	74	44.99	37.04	18.51	57.57	100	0	P	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	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)
802.11ac VHT80 LF		120.18	26.7	-16.8	43.5	40.4	17.33	1.43	32.46	-	-	P	H
		140.97	24.92	-18.58	43.5	38.62	17.17	1.57	32.44	-	-	P	H
		240.33	30.53	-15.47	46	43.78	17.11	2.02	32.38	-	-	P	H
		360.2	27.87	-18.13	46	37.18	20.52	2.52	32.35	-	-	P	H
		661.2	27.58	-18.42	46	30.5	26.24	3.31	32.47	-	-	P	H
		958	33.13	-12.87	46	29.16	31.02	4.08	31.13	100	0	P	H
		30.27	34.1	-5.9	40	41.58	24.17	0.85	32.5	-	-	P	V
		41.88	34.02	-5.98	40	47.53	18.15	0.83	32.49	-	-	P	V
		48.9	34.82	-5.18	40	51.38	14.9	1.03	32.49	100	79	P	V
		360.9	25.36	-20.64	46	34.65	20.54	2.52	32.35	-	-	P	V
		640.9	26.96	-19.04	46	29.79	26.33	3.3	32.46	-	-	P	V
		958.7	33.49	-12.51	46	29.51	31.02	4.08	31.12	-	-	P	V
Remark	3. No other spurious found. 4. 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

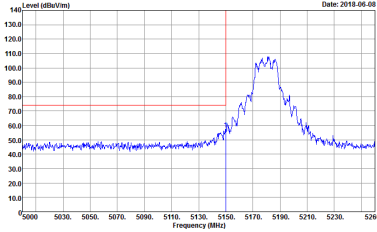
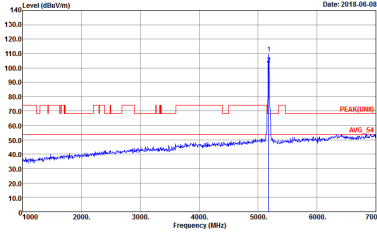
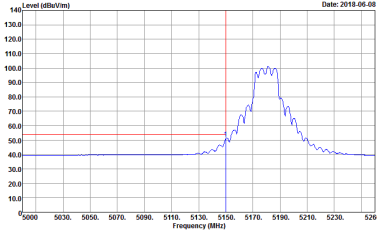
Test Engineer :	Hao Hsu, Ken Wu and Chuan Zhu	Temperature :	22~25°C
		Relative Humidity :	50~55%

Note symbol

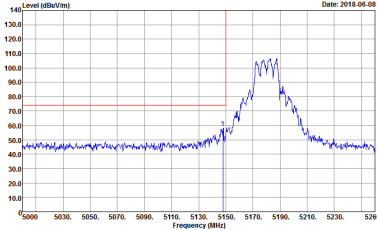
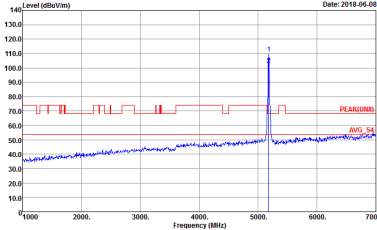
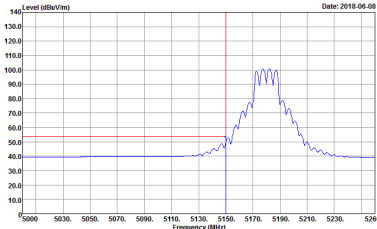
-L	Low channel location
-R	High channel location



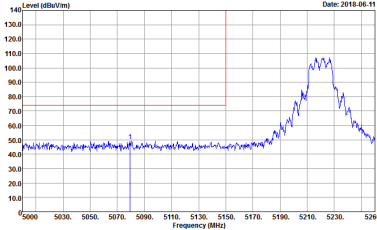
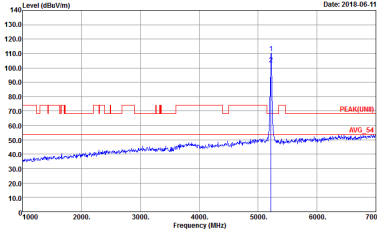
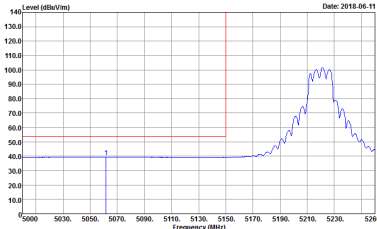
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-1HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(FUND) 3m HORN 9120D-1HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 18.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-1HF HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 18.5	Left blank

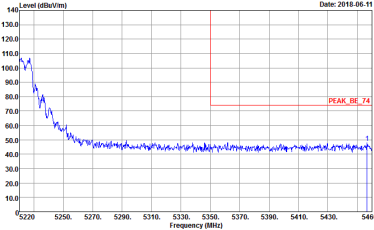
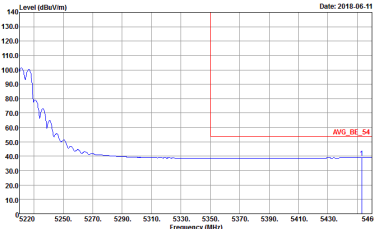


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5	Left blank

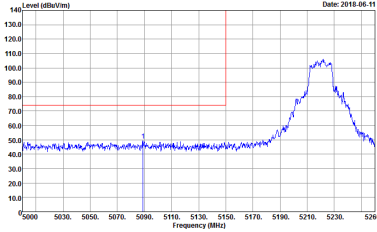
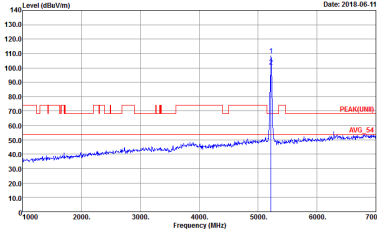
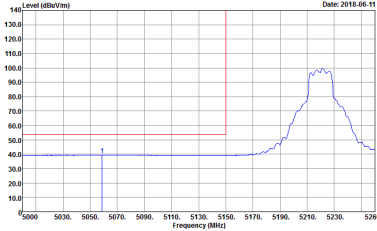


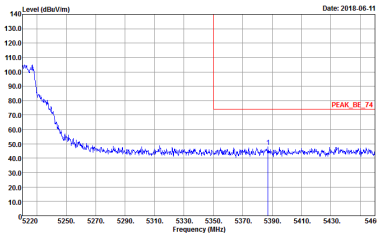
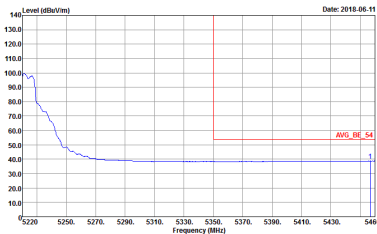
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank



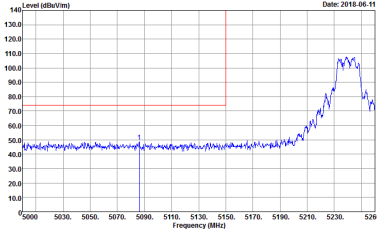
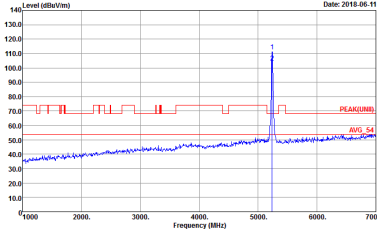
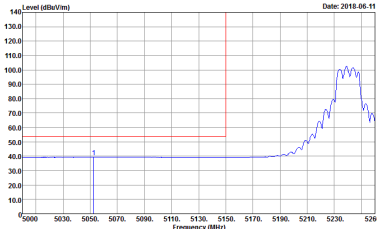
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



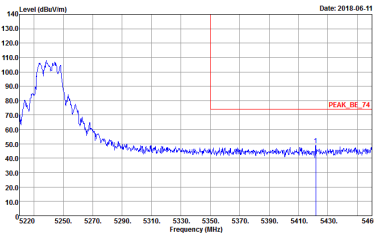
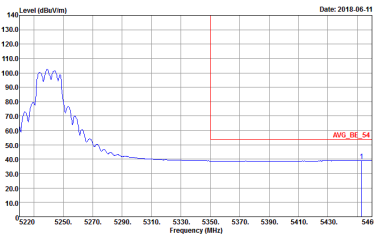
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank

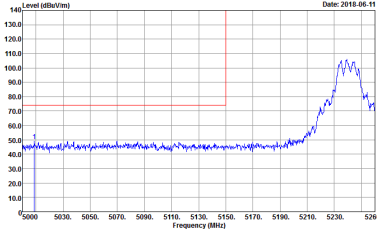
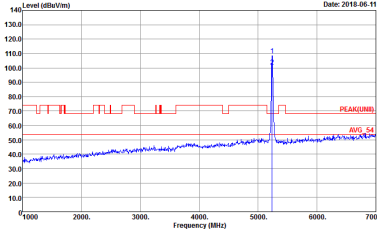
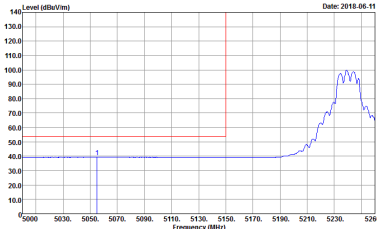
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02	Left blank



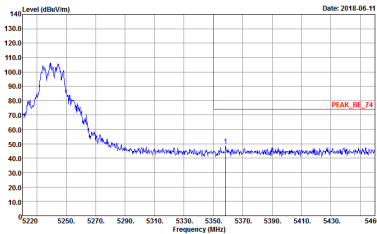
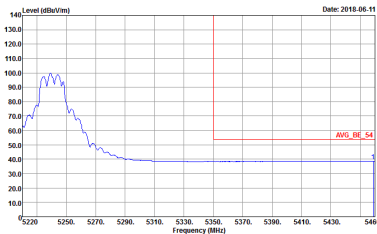
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

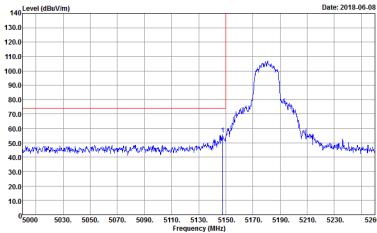
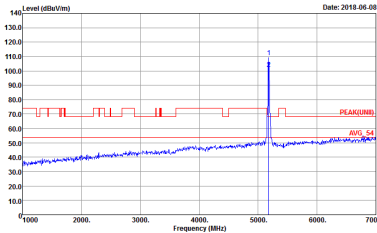
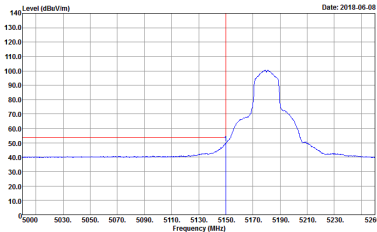
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank



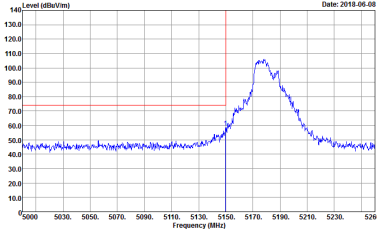
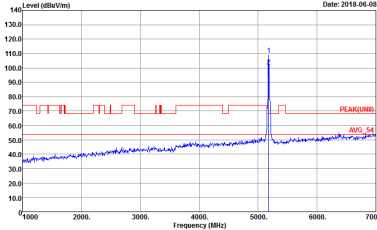
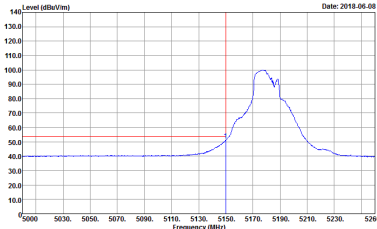
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



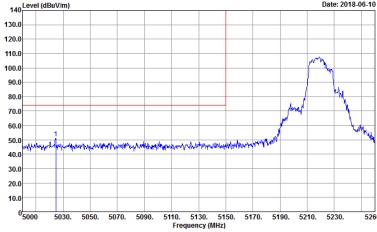
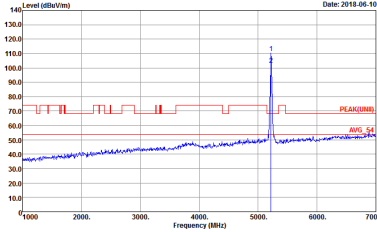
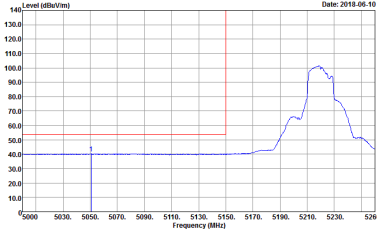
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	Left blank

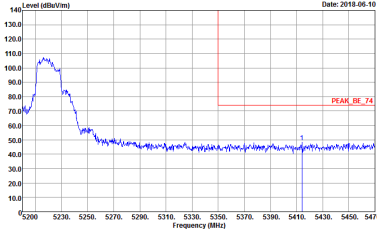
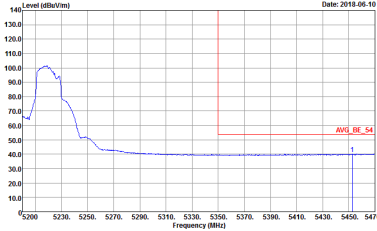


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	Left blank

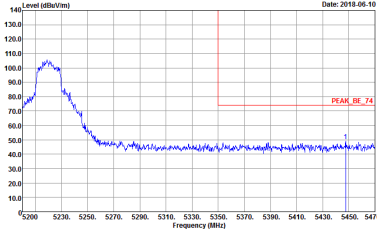
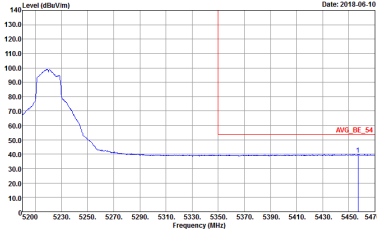


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 18.5	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 18.5	Left blank

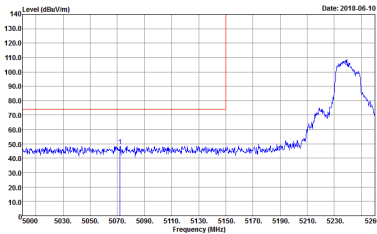
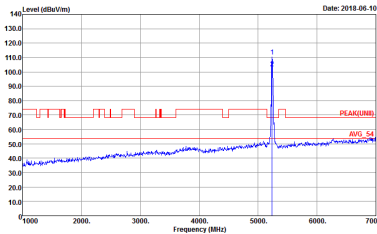
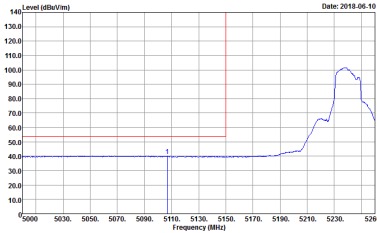


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5	Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5	Left blank

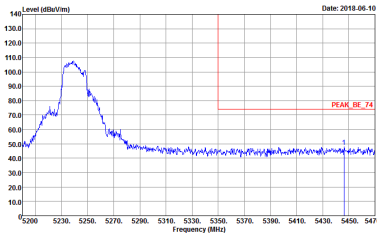
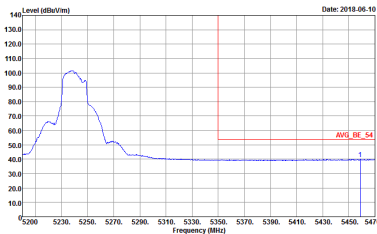


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 18.5	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 18.5	Left blank

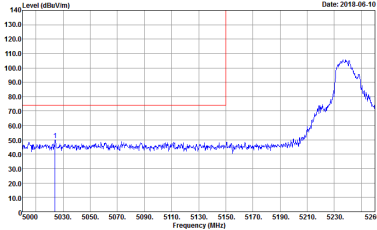
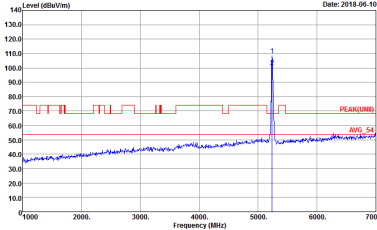
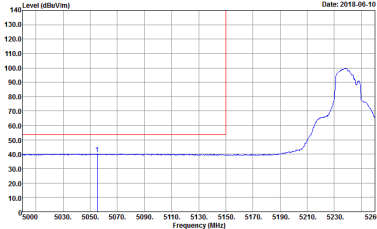


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank

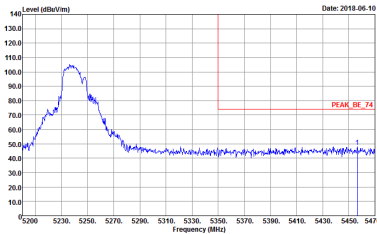
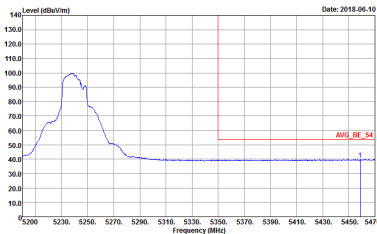


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



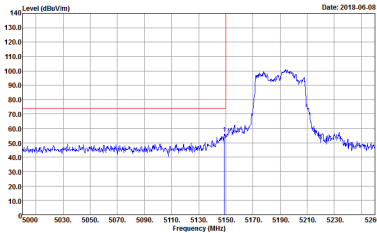
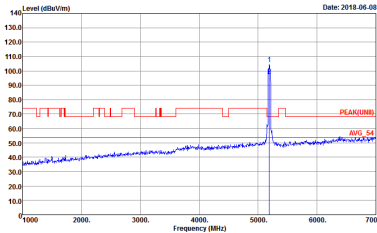
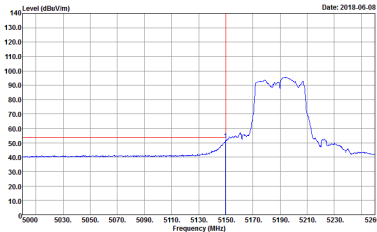
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Date: 2018-06-10	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Date: 2018-06-10
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02 Date: 2018-06-10	Left blank



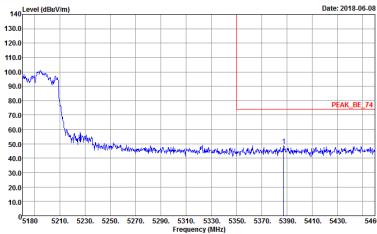
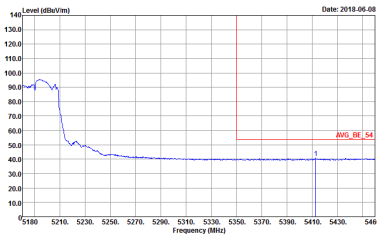
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



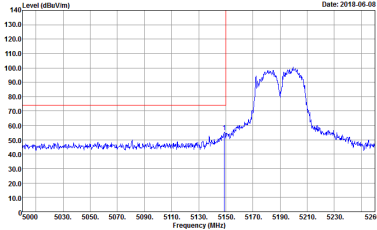
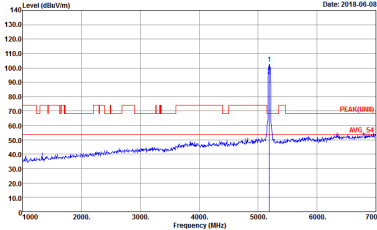
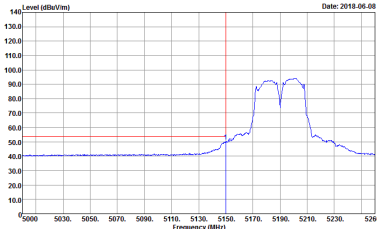
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14	Left blank

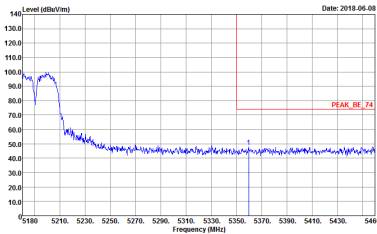
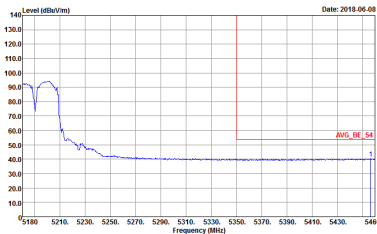


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14	Left blank

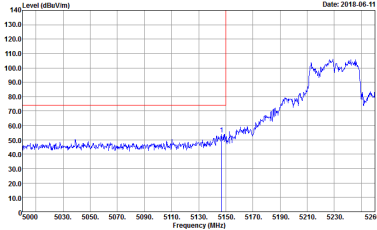
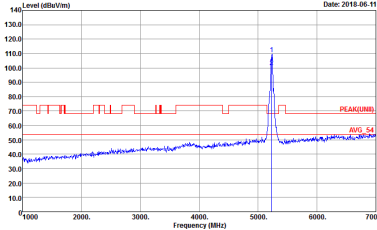
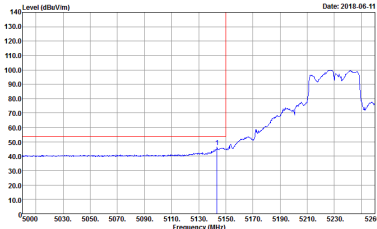


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14	Left blank

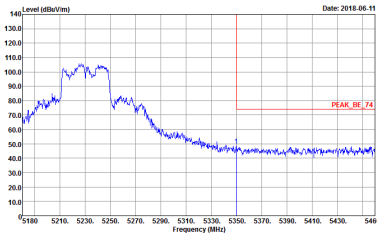
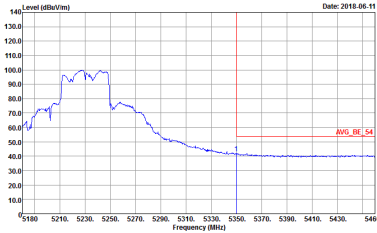


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14	Left blank

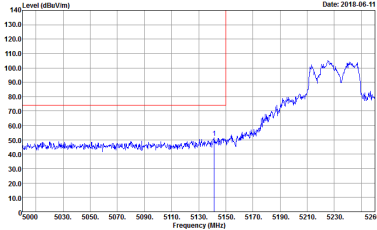
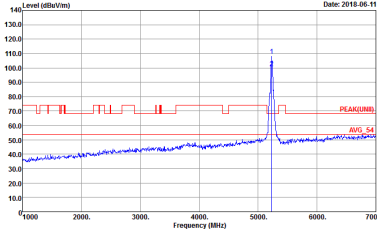
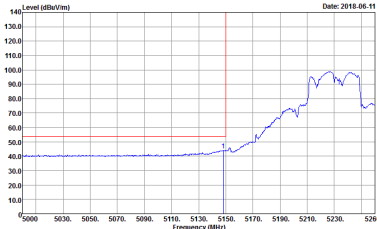


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank

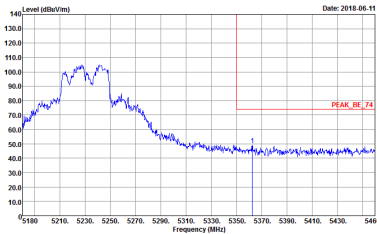
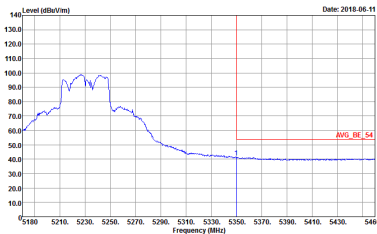


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



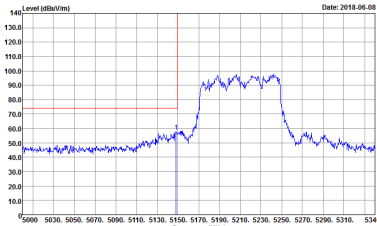
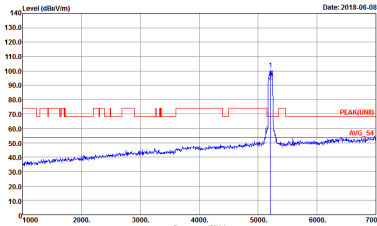
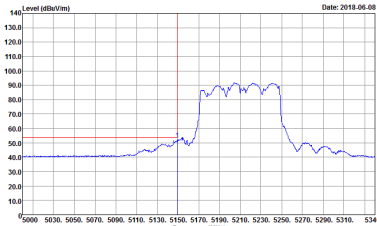
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank



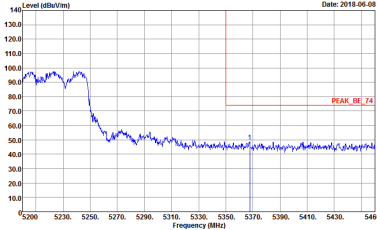
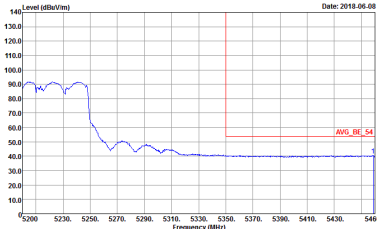
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



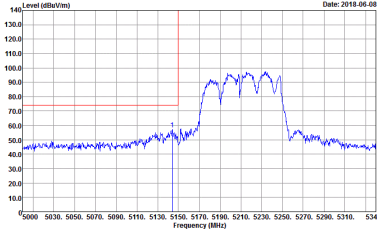
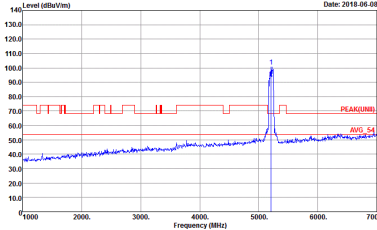
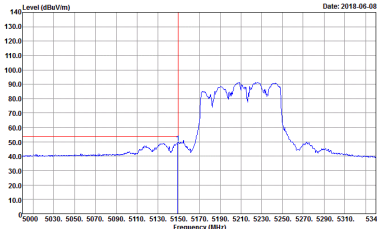
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 13.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 13.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 13.5	Left blank

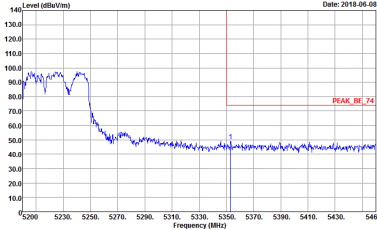
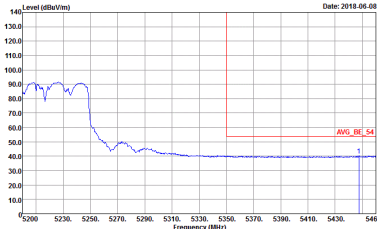


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 13.5	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 13.5	Left blank



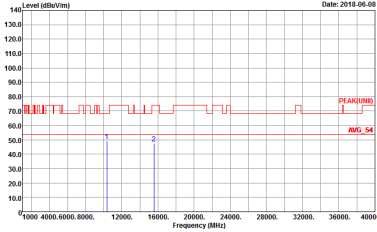
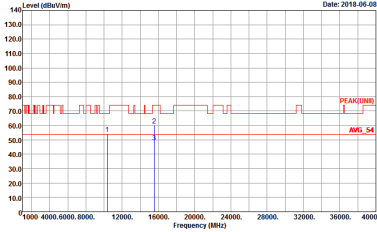
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 13.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 13.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 13.5	Left blank

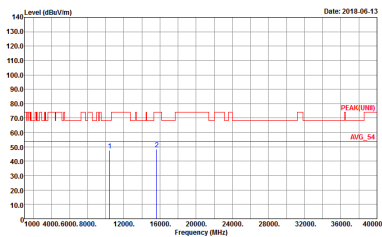
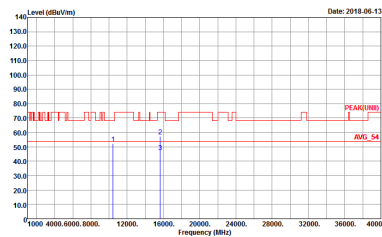


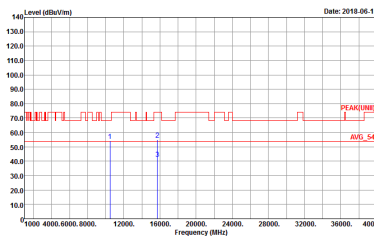
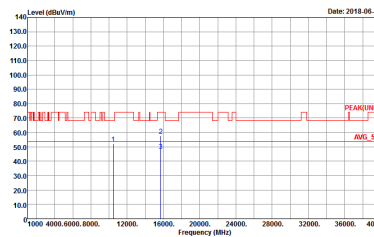
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 13.5	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 13.5	Left blank



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

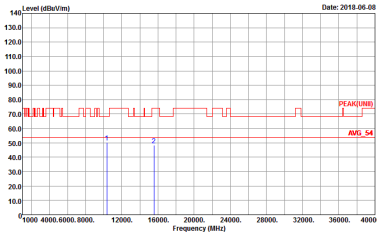
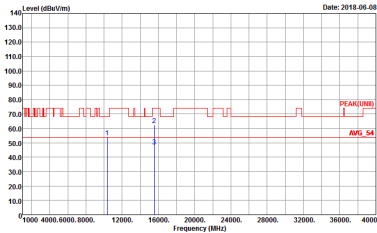
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-4F HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-4F VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Date: 2018.06.13 Site : 03CH11-14Y Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02	 Date: 2018.06.13 Site : 03CH11-14Y Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02

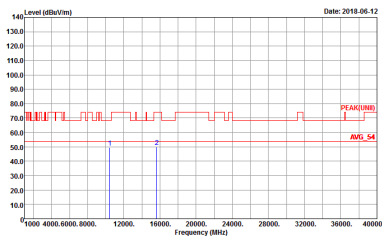
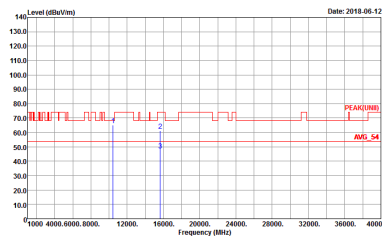
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-14Y Condition : PEAK(UHB) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-14Y Condition : PEAK(UHB) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02



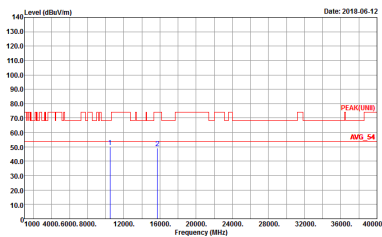
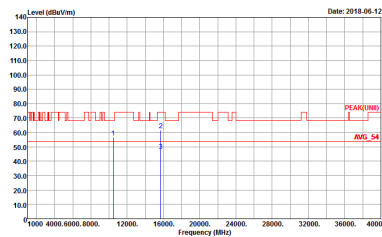
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5



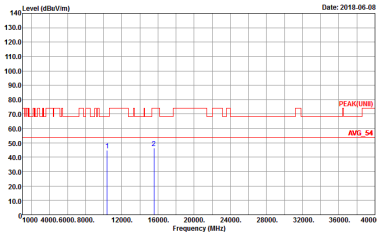
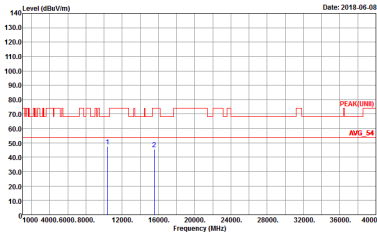
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-14Y Condition : PEAK(UWB) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-14Y Condition : PEAK(UWB) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5

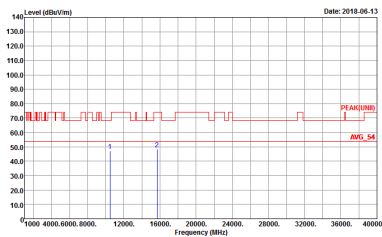
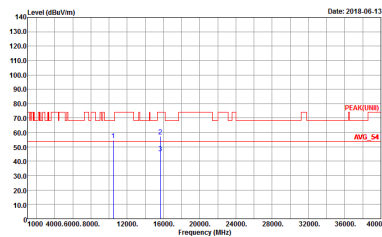


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-14Y Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-14Y Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5



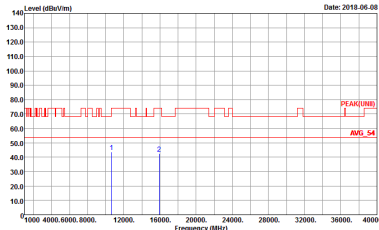
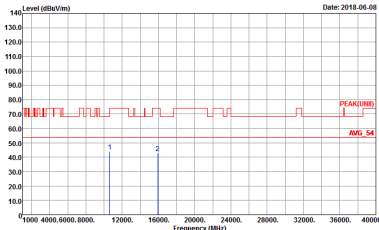
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02

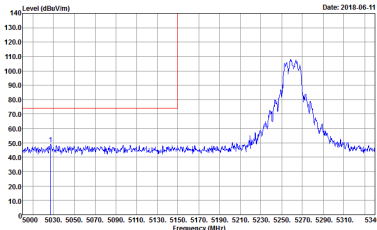
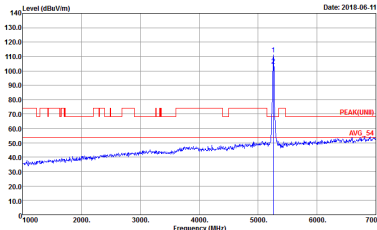
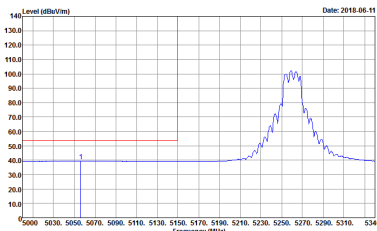
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-14Y Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-14Y Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02

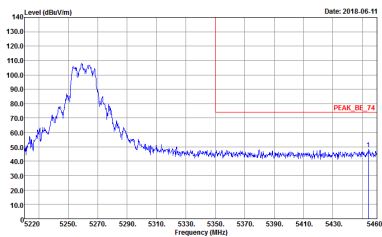
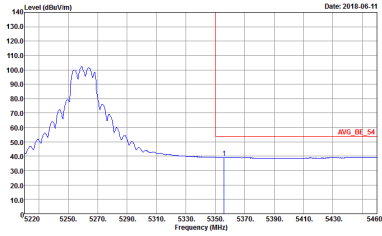


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

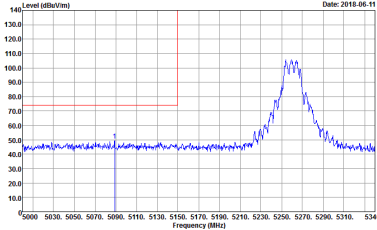
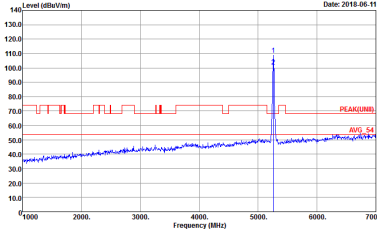
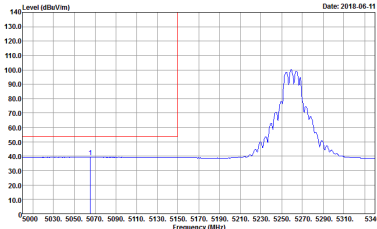
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02

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

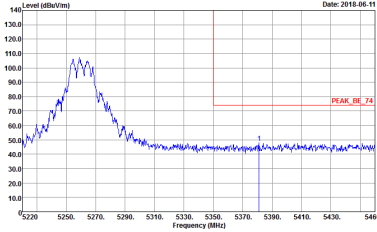
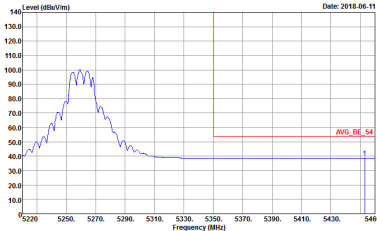
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

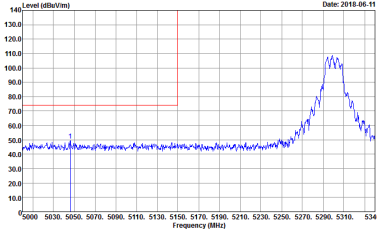
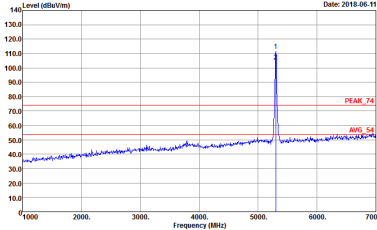
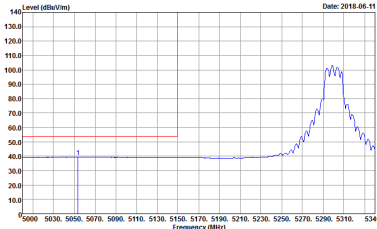


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank

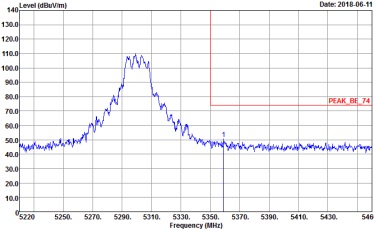
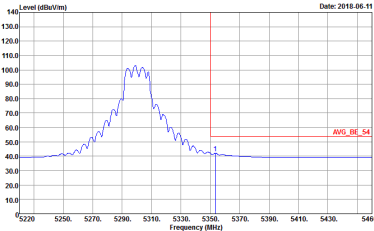


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

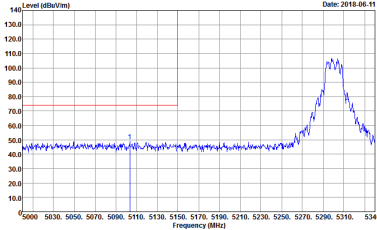
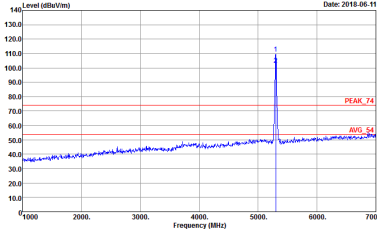
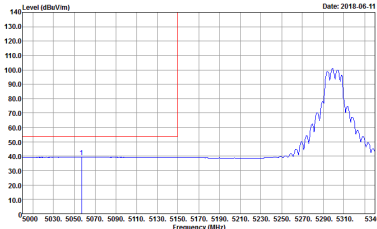


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02	Left blank

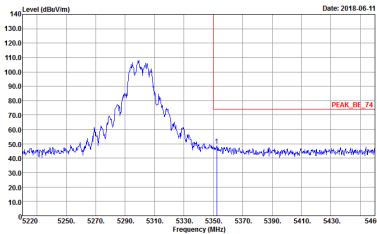
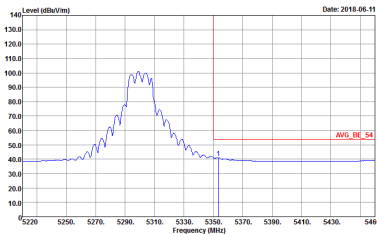


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 820225-02	Left blank

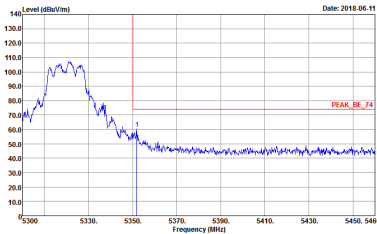
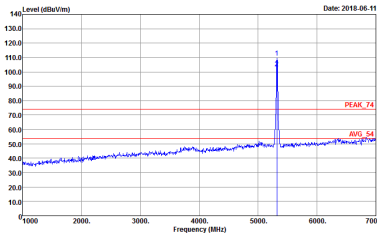
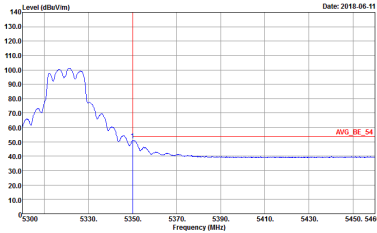


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



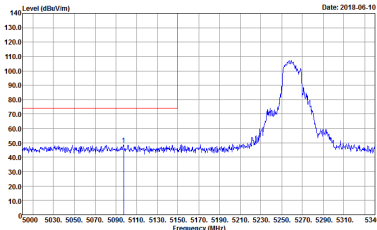
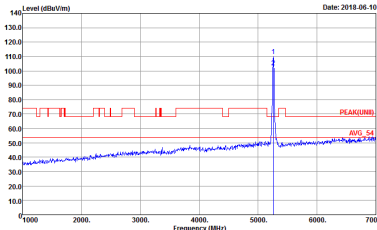
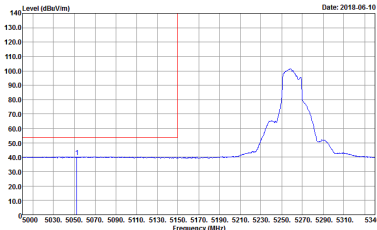
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18	Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18	Left blank



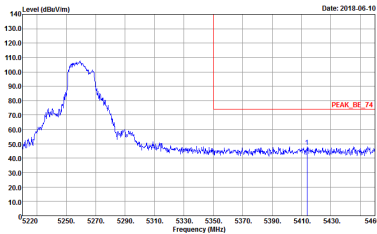
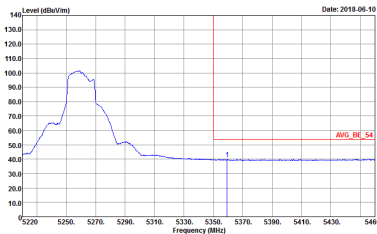
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18	Left blank



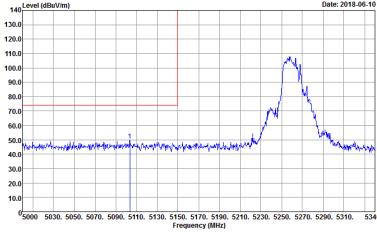
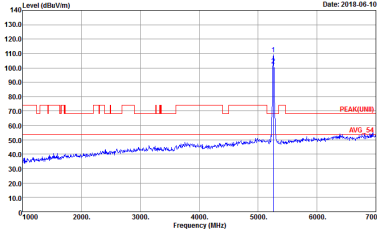
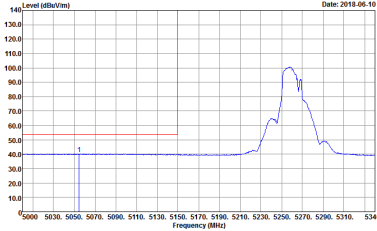
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 820225-02	Left blank

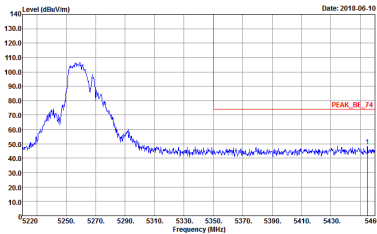
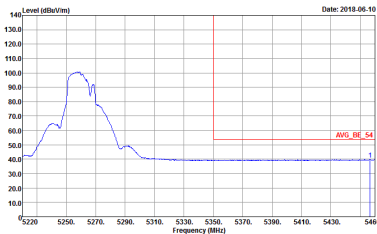


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

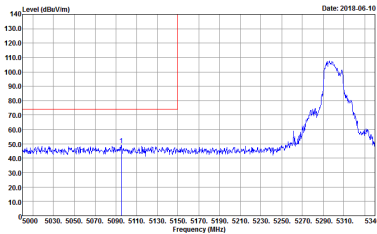
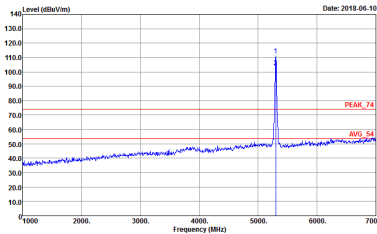
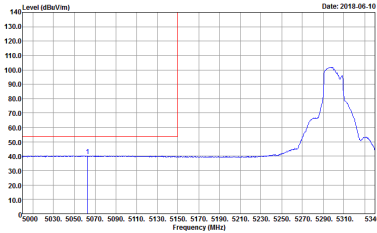


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank

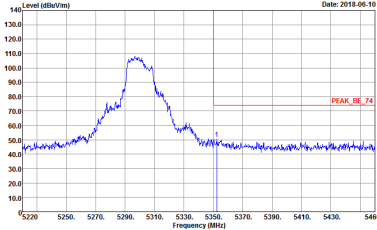
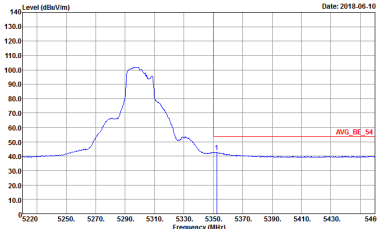


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

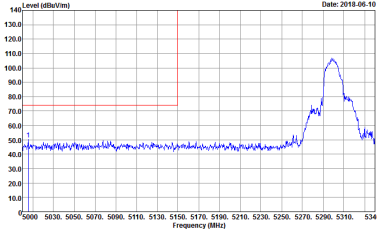
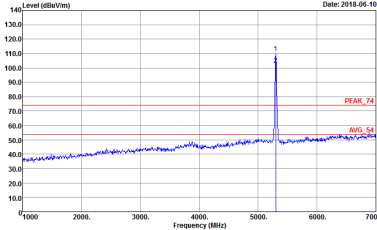
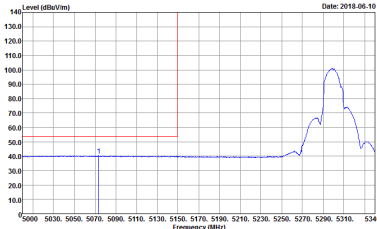


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank

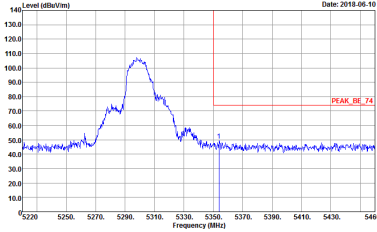
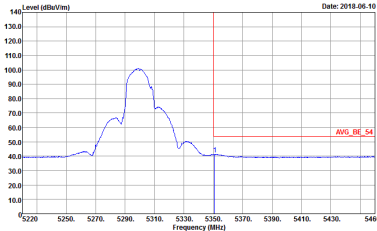


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

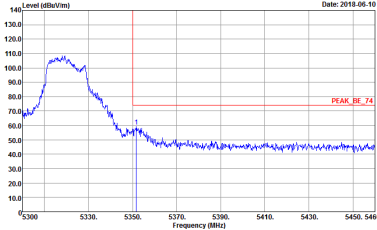
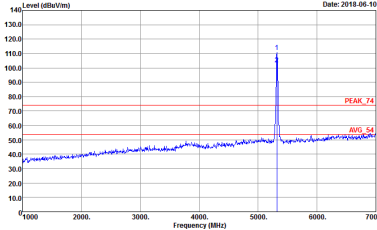
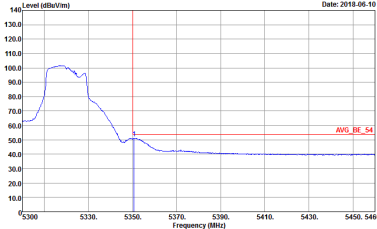


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank

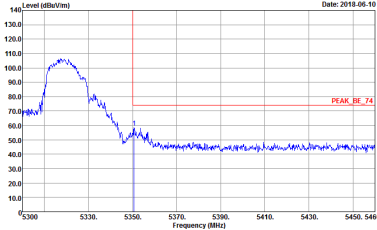
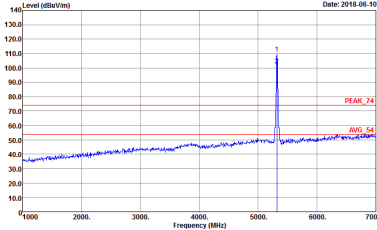
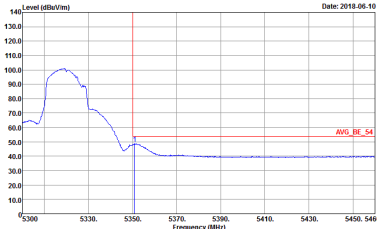


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



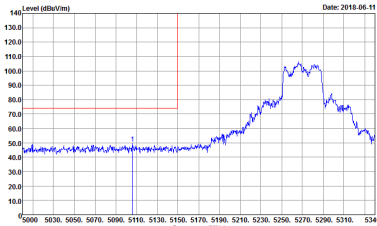
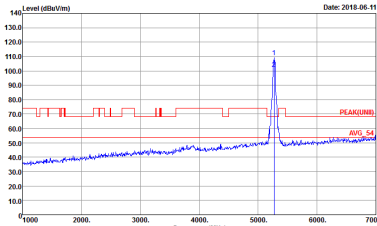
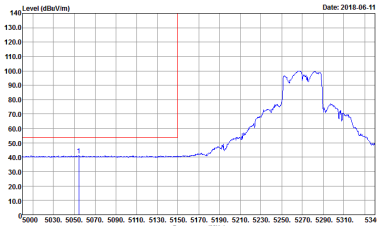
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18	Left blank



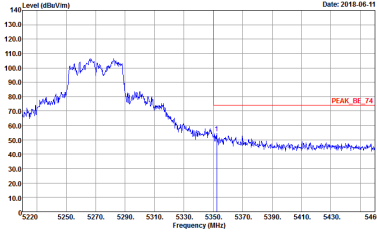
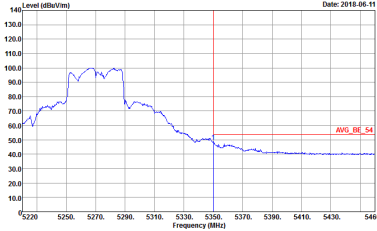
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18	Left blank



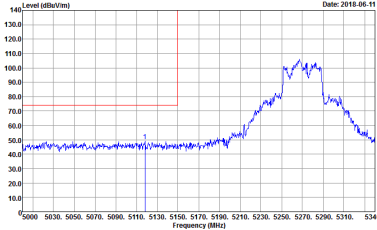
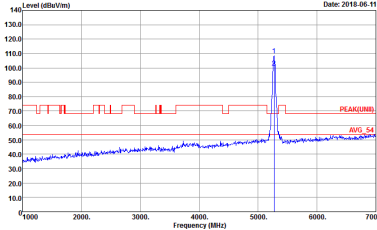
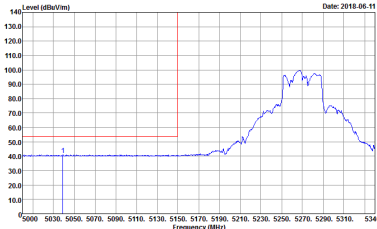
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

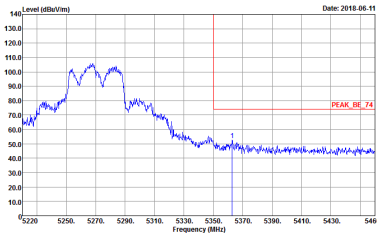
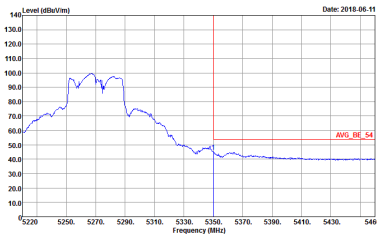
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank



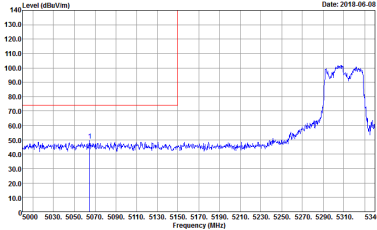
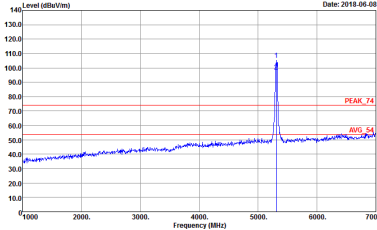
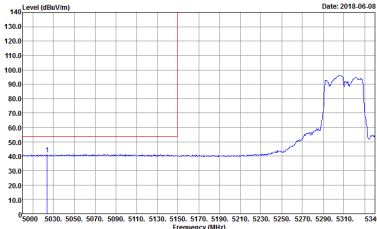
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



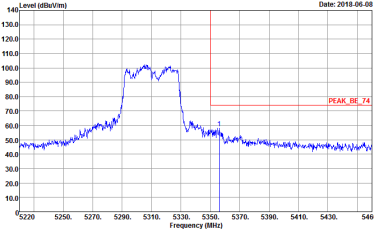
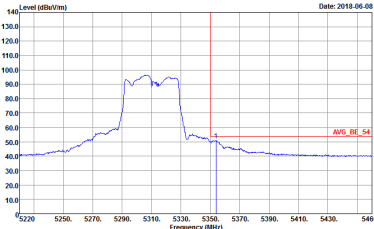
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

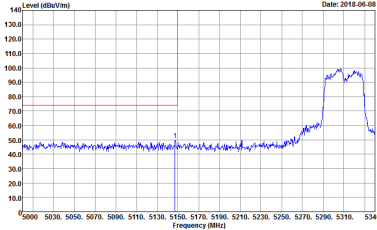
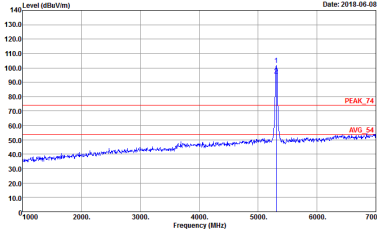
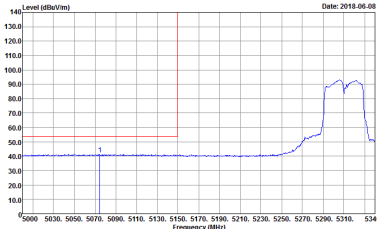


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5	Left blank

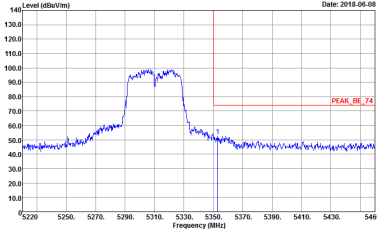
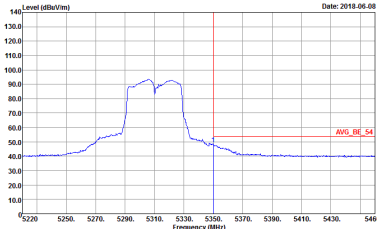


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5	Left blank



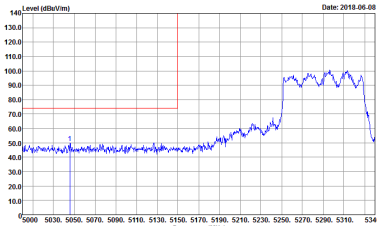
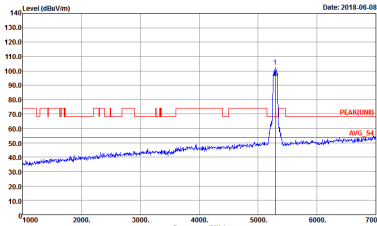
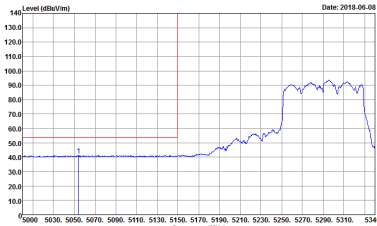
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14.5	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14.5	Left blank



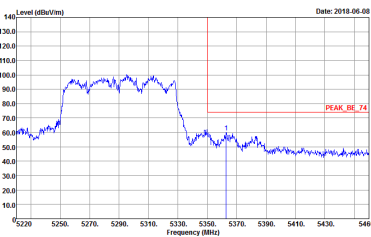
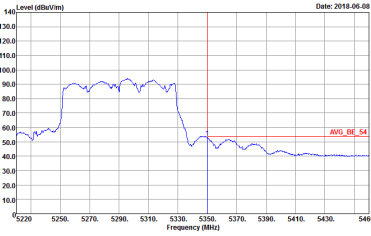
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14.5	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14.5	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 : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5	Left blank

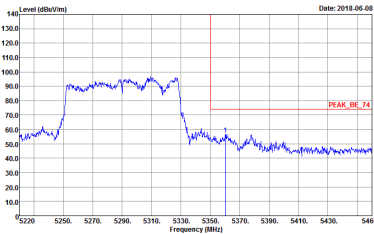
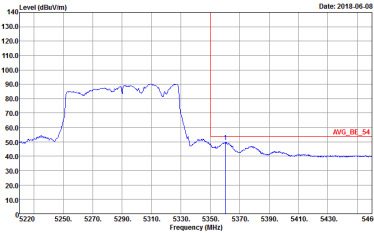


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14.5	Left blank



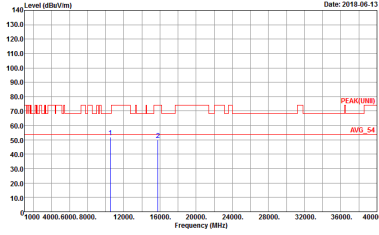
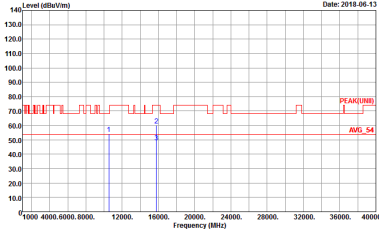
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14.5	Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14.5
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14.5	Left blank

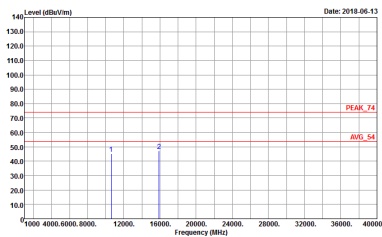
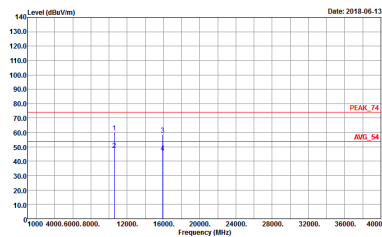


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14.5	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 14.5	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 : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-4F HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-4F VERTICAL Detector : Peak Project : 820225-02

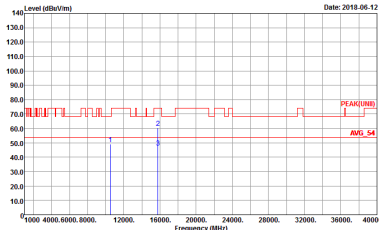
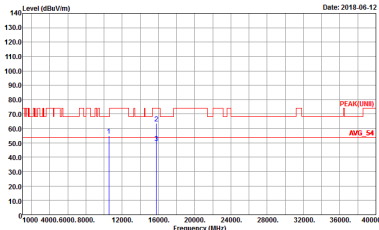
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-14Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-14Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018.06.13 Site : 03CH11-14Y Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18	Level (dBuV/m) Date: 2018.06.13 Site : 03CH11-14Y Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18

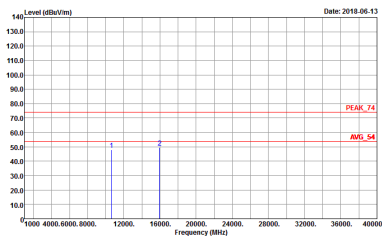
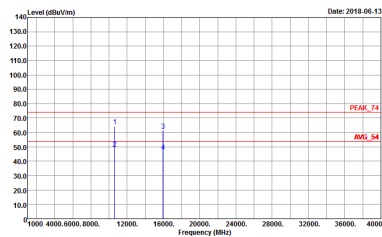


Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5

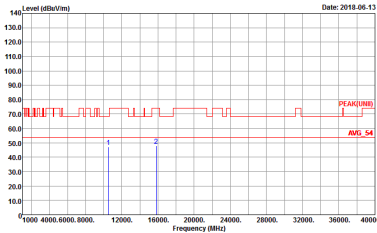
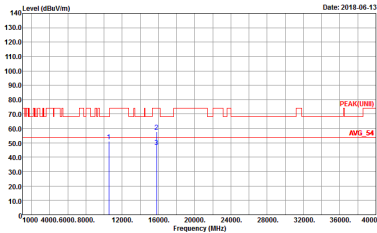


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBu/V/m) Date: 2018-06-13 Site : 03CH11-14Y Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	Level (dBu/V/m) Date: 2018-06-13 Site : 03CH11-14Y Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-14Y Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-14Y Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02



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

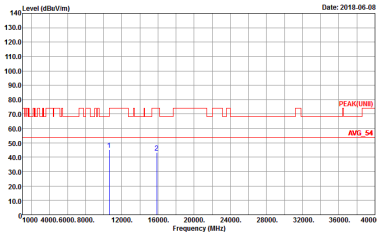
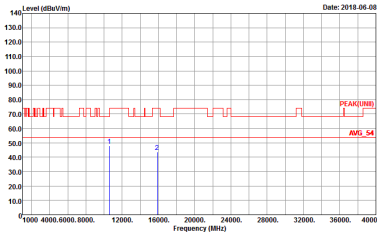
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018.06.08 Frequency (MHz) Site : 03CH11-14Y Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Level (dBuV/m) Date: 2018.06.08 Frequency (MHz) Site : 03CH11-14Y Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02

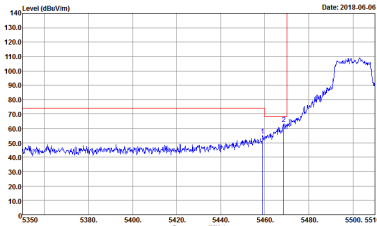
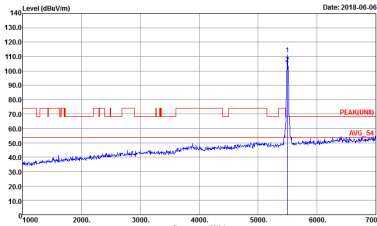
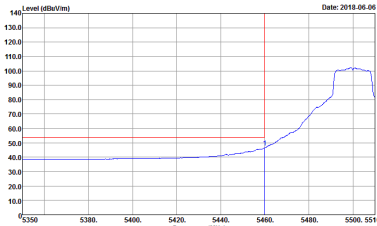


Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

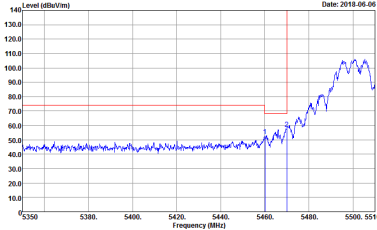
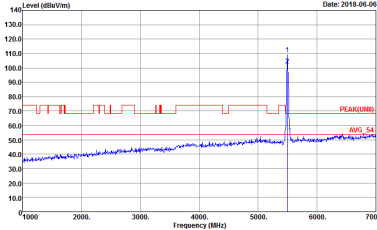
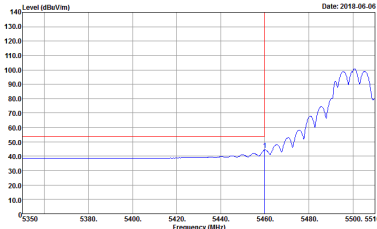
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CHI1-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02



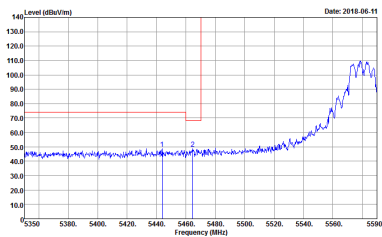
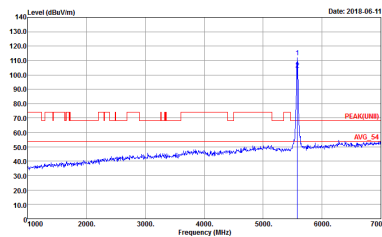
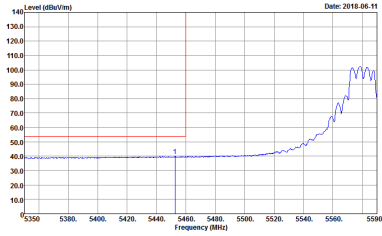
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5	Left blank

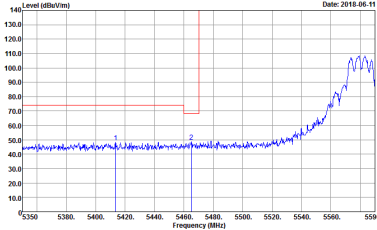
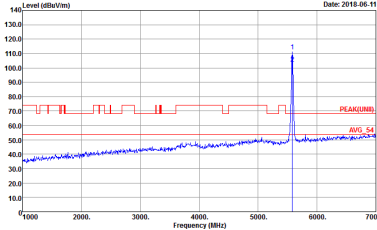
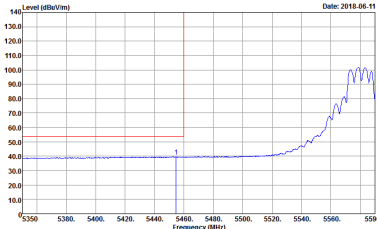


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m									
ANT	802.11a CH116 5580MHz - R									
1+2	Horizontal	Fundamental								
Peak	<table><tr><td>Site</td><td>: 03CH11-HV</td></tr><tr><td>Condition</td><td>: PEAK_REC(UNIT)_B3 3m HORN 91200-HF HORIZONTAL</td></tr><tr><td>Detector</td><td>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</td></tr><tr><td>Project</td><td>: 820225-02</td></tr></table>	Site	: 03CH11-HV	Condition	: PEAK_REC(UNIT)_B3 3m HORN 91200-HF HORIZONTAL	Detector	: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Project	: 820225-02	Left blank
Site	: 03CH11-HV									
Condition	: PEAK_REC(UNIT)_B3 3m HORN 91200-HF HORIZONTAL									
Detector	: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto									
Project	: 820225-02									

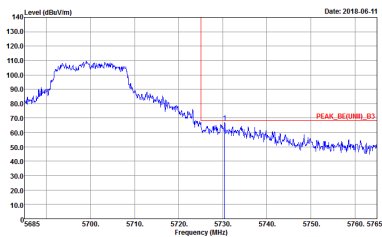
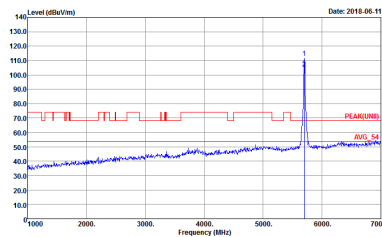


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank

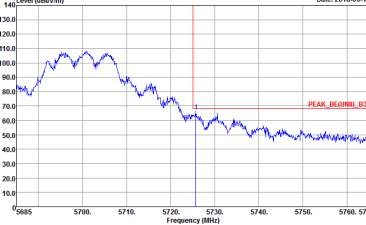
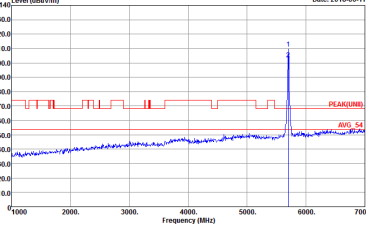


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak	Site : USCH11-A-V Condition : PEAK_REC(UNIT)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



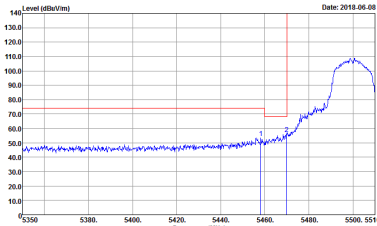
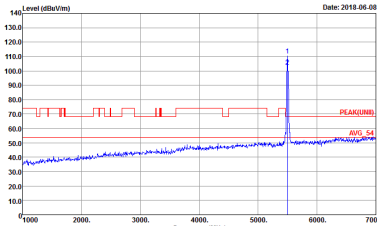
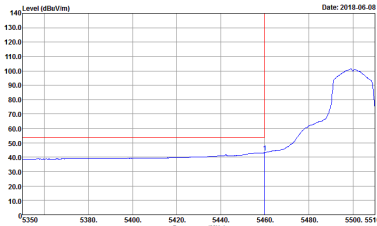
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-14Y Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	 Site : 03CH11-14Y Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02



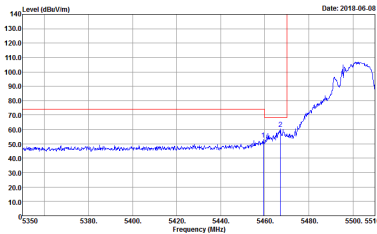
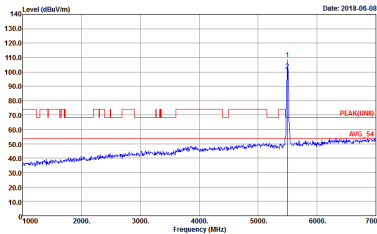
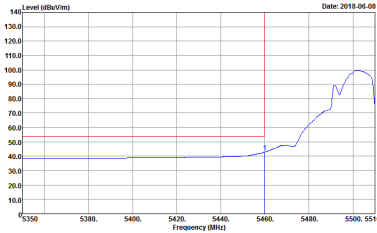
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-14Y Condition : PEAK_B00001.D3 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	 Site : 03CH11-14Y Condition : PEAK_B00001.D3 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02



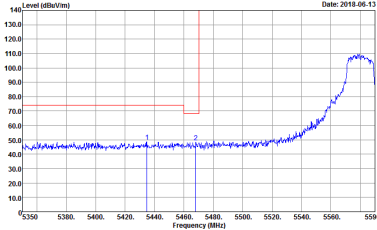
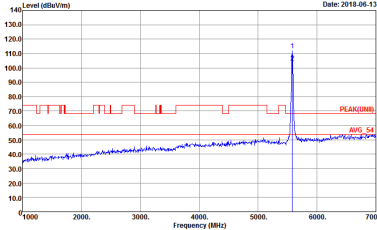
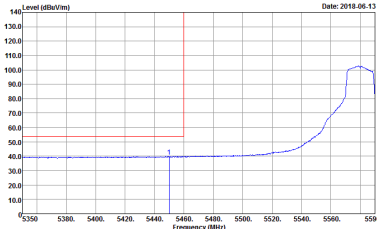
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 17.5	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 17.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 17.5	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 17.5	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 17.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 17.5	Left blank

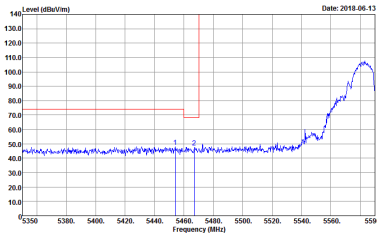
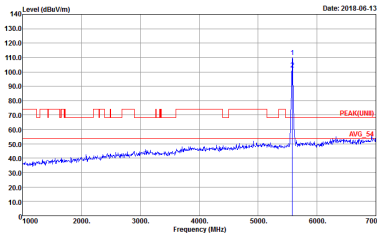
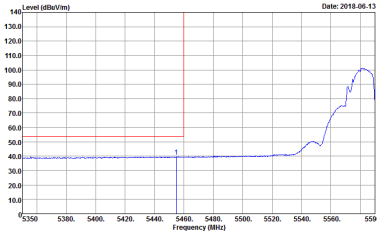


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 820225-02	Left blank

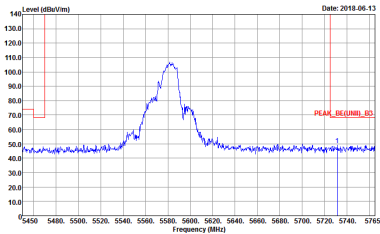


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak	Site : USCH11-4V Condition : PEAK_REC(UNIT), B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

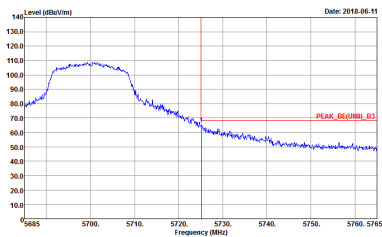
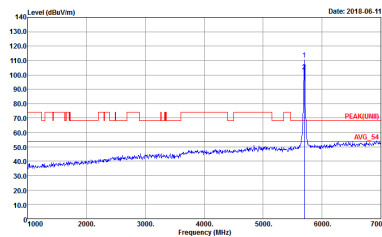


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 820225-02	Left blank

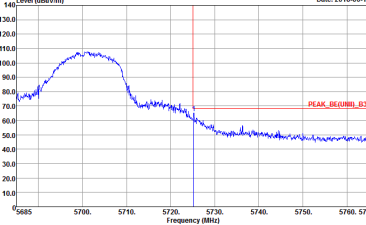
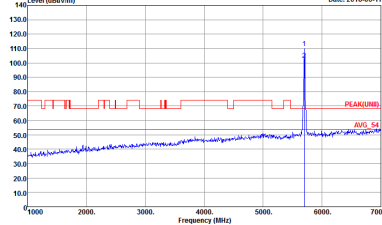


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : USCH11-4V Condition : PEAK_REC(UNIT)_B3 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



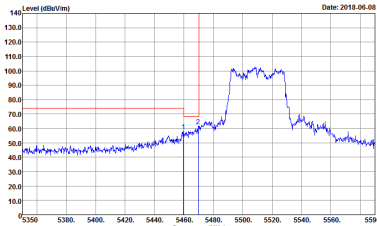
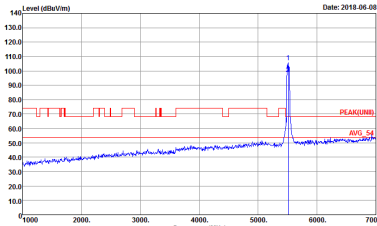
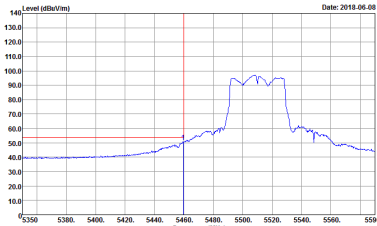
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-14Y Condition : PEAK_RECMBL.D3 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02 Setting : 17.5	 Site : 03CH11-14Y Condition : PEAK_RECMBL.D3 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 820225-02 Setting : 17.5



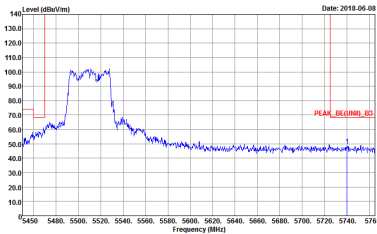
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1+2	Vertical	Fundamental
Peak.	 Site : 03CH11-14Y Condition : PEAK_BE(UNIT1), B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 17.5	 Site : 03CH11-14Y Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 17.5



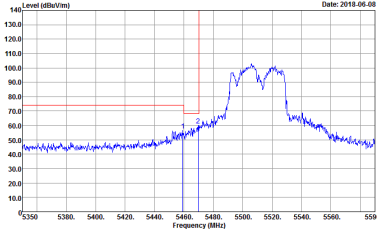
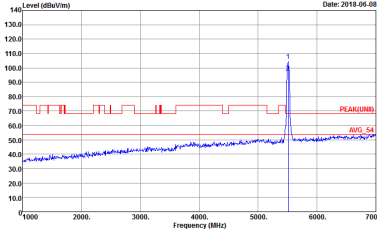
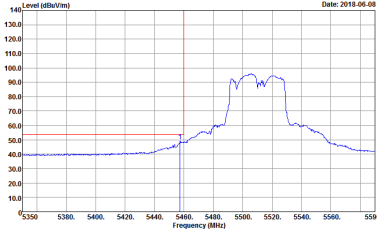
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 15	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 15
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 15	Left blank

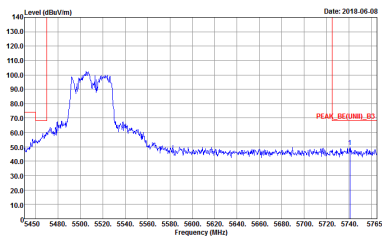


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : USCH11-4V Condition : PEAK_BE(UNIT), B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 15	Left blank

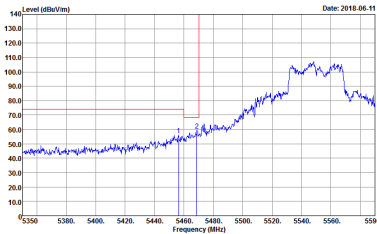
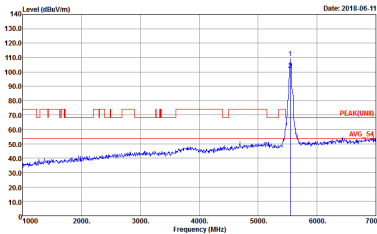
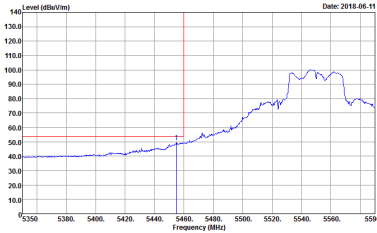


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 15	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 15
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 15	Left blank

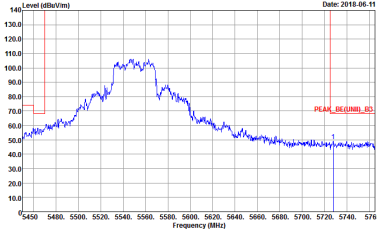


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : USCH11-4V Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 15	Left blank

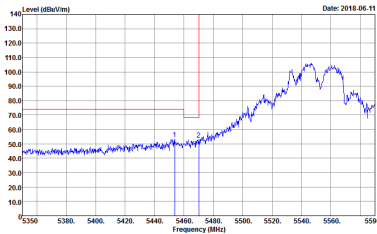
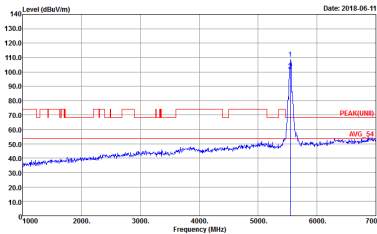
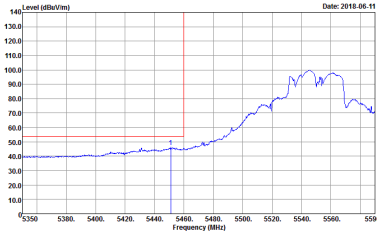


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : USCH11-4V Condition : PEAK_REC(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 820225-02	Left blank

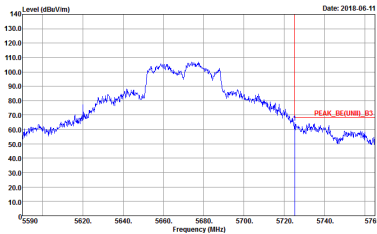


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1+2	Vertical	Fundamental
Peak	Site : USCH11-4V Condition : PEAK_REC(UNIT)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank

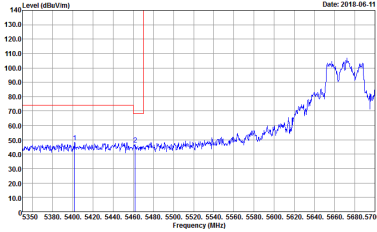
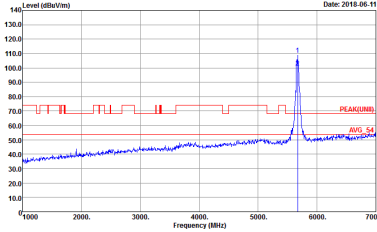
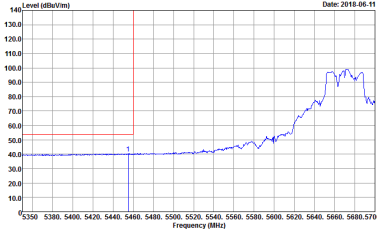


WIFI		Band 3 5470~5725MHz Band Edge @ 3m	
ANT		802.11n HT40 CH134 5670MHz - L	
1+2	Horizontal	Fundamental	
Peak	Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	
Avg.	Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank	

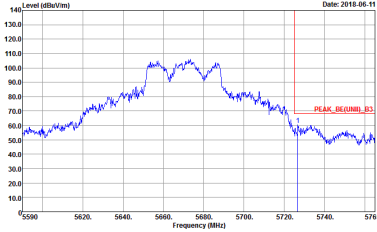


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-4V Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



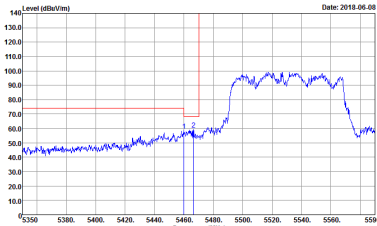
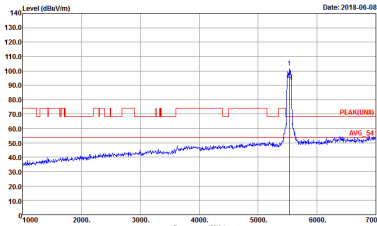
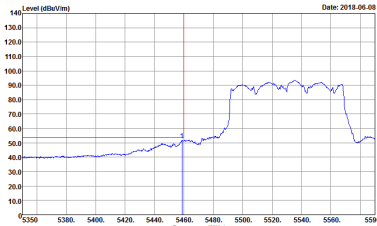
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank



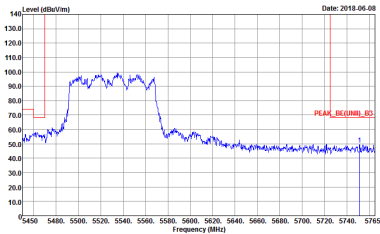
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-4V Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



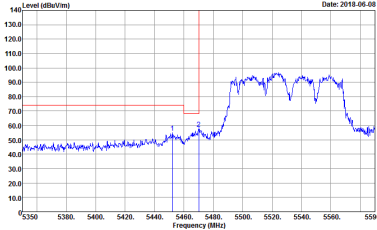
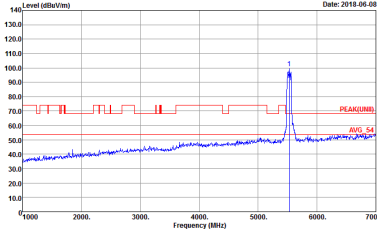
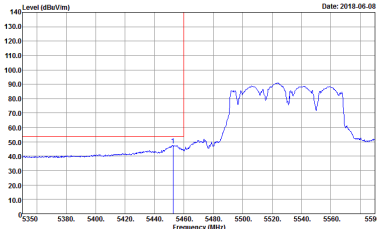
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 14	Left blank

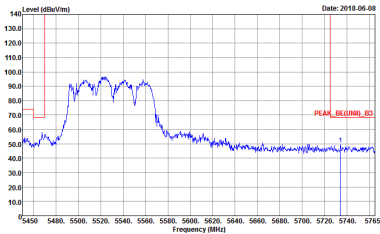


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : USCH11-4V Condition : PEAK_BE(UNIT), B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14	Left blank

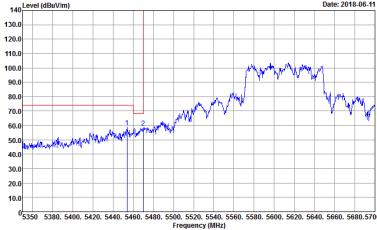
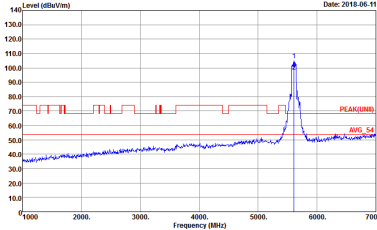
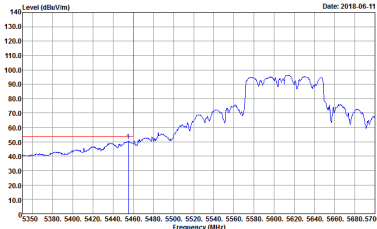


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14	Left blank

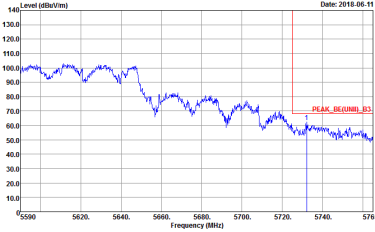


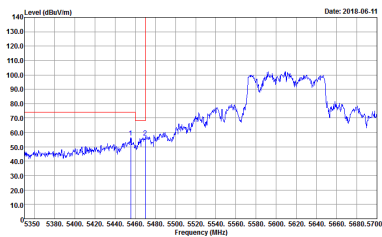
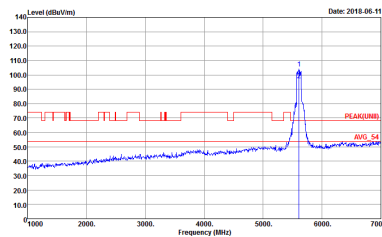
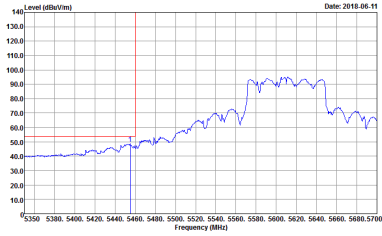
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : USCH11-4V Condition : PEAK_BE(UNIT), B3 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02 Setting : 14	Left blank



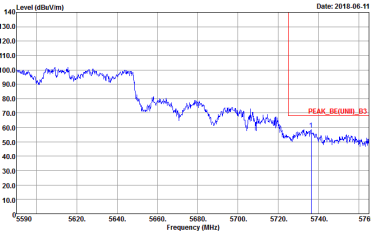
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT), B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT), B3 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : USCH11-4V Condition : PEAK_BE(UNIT1), B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000000Hz VBW:3000.000000Hz SWT:Auto Detector : Peak Project : 820225-02	Left blank

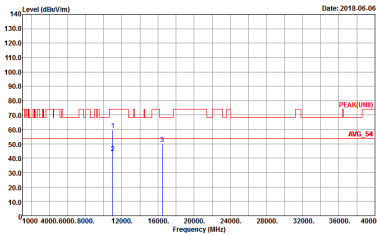
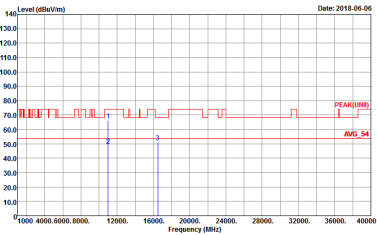
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	 Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02	Left blank

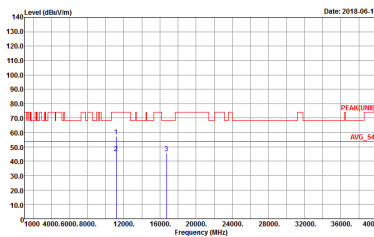
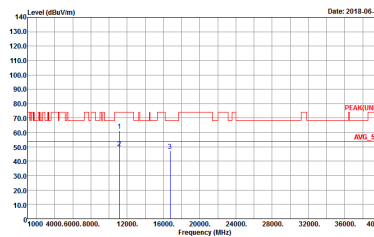


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : USCH11-4V Condition : PEAK_DE(UNIT)_B3 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 820225-02	Left blank



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 : 03CH11-4Y Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 820225-02 Setting : 18.5	 Site : 03CH11-4Y Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 820225-02 Setting : 18.5

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-11Y Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 820225-02	 Site : 03CH11-11Y Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL Detector : Peak Project : 820225-02