FCC RADIO TEST REPORT

FCC ID	**:**	**A4RG020J**
Equipment	**:**	**Phone**
Model Name	**:**	**G020J**
Applicant	**:**	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	**:**	**FCC Part 15 Subpart E §15.407**

The product was received on Nov. 07, 2018 and testing was started from Apr. 06, 2019 and completed on Jun. 26, 2019. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, 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.

Jones Tsai

Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR8N0620-05E	01	Initial issue of report	Jun. 28, 2019
FR8N0620-05E	02	Revise the antenna numbers in the report	Jul. 09, 2019

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 1.54 dB at 5150.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 3.87 dB at 0.157 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Elise Chang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	G020J
FCC ID	A4RG020J
EUT supports Radios application	CDMA/EV-DO/GSM/EGPRS/WCDMA/HSPA/LTE/NFC/GNSS/WPC WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE 60 GHz Low Power Transmitter
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer.

EUT Information List	
No.	S/N
#1	94NBA009QB
#2	957BA00AEY
#3	957BA00AGL

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. 4>** **<5180 MHz ~ 5240 MHz>** 802.11a : 18.10 dBm / 0.0646 W 802.11n HT20 : 18.40 dBm / 0.0692 W 802.11n HT40 : 19.30 dBm / 0.0851 W 802.11 ac VHT20: 18.30 dBm / 0.0676 W 802.11 ac VHT40: 19.20 dBm / 0.0832 W 802.11 ac VHT80: 14.00 dBm / 0.0251 W **<5260 MHz ~ 5320 MHz>** 802.11a : 18.30 dBm / 0.0676 W 802.11n HT20 : 18.70 dBm / 0.0741 W 802.11n HT40 : 20.50 dBm / 0.1122 W 802.11 ac VHT20: 18.60 dBm / 0.0724 W 802.11 ac VHT40: 20.40 dBm / 0.1096 W 802.11 ac VHT80: 16.60 dBm / 0.0457 W **<5500 MHz ~ 5720 MHz >** 802.11a : 18.40 dBm / 0.0692 W 802.11n HT20 : 18.50 dBm / 0.0708 W 802.11n HT40 : 20.70 dBm / 0.1175 W 802.11 ac VHT20: 18.40 dBm / 0.0692 W 802.11 ac VHT40: 20.60 dBm / 0.1148 W 802.11 ac VHT80: 20.50 dBm / 0.1122 W **<Ant. 5>** **<5180 MHz ~ 5240 MHz>** 802.11a : 18.60 dBm / 0.0724 W 802.11n HT20 : 18.80 dBm / 0.0759 W 802.11n HT40 : 19.60 dBm / 0.0912 W 802.11 ac VHT20: 18.70 dBm / 0.0741 W 802.11 ac VHT40: 19.50 dBm / 0.0891 W 802.11 ac VHT80: 14.20 dBm / 0.0263 W **<5260 MHz ~ 5320 MHz>** 802.11a : 18.50 dBm / 0.0708 W 802.11n HT20 : 18.60 dBm / 0.0724 W 802.11n HT40 : 20.60 dBm / 0.1148 W 802.11 ac VHT20: 18.50 dBm / 0.0708 W 802.11 ac VHT40: 20.50 dBm / 0.1122 W 802.11 ac VHT80: 16.50 dBm / 0.0447 W **<5500 MHz ~ 5700 MHz >** 802.11a : 18.50 dBm / 0.0708 W 802.11n HT20 : 18.80 dBm / 0.0759 W 802.11n HT40 : 20.60 dBm / 0.1148 W 802.11 ac VHT20: 18.70 dBm / 0.0741 W 802.11 ac VHT40: 20.50 dBm / 0.1122 W 802.11 ac VHT80: 20.70 dBm / 0.1175 W

Standards-related Product Specification	
Maximum Output Power to Antenna	**MIMO <Ant. 4+5>** **<5180 MHz ~ 5240 MHz>** 802.11a : 21.67 dBm / 0.1469 W 802.11n HT20 : 21.86 dBm / 0.1535 W 802.11n HT40 : 22.76 dBm / 0.1888 W 802.11 ac VHT20: 21.77 dBm / 0.1503 W 802.11 ac VHT40: 22.66 dBm / 0.1845 W 802.11 ac VHT80: 17.47 dBm / 0.0558 W **<5260 MHz ~ 5320 MHz>** 802.11a : 21.61 dBm / 0.1449 W 802.11n HT20 : 21.86 dBm / 0.1535 W 802.11n HT40 : 23.66 dBm / 0.2323 W 802.11 ac VHT20: 21.76 dBm / 0.1500 W 802.11 ac VHT40: 23.56 dBm / 0.2270 W 802.11 ac VHT80: 19.71 dBm / 0.0935 W **<5500 MHz ~ 5700 MHz >** 802.11a : 21.66 dBm / 0.1466 W 802.11n HT20 : 21.81 dBm / 0.1517 W 802.11n HT40 : 23.76 dBm / 0.2377 W 802.11 ac VHT20: 21.71 dBm / 0.1483 W 802.11 ac VHT40: 23.66 dBm / 0.2323 W 802.11 ac VHT80: 23.81 dBm / 0.2404 W
99% Occupied Bandwidth	**MIMO <Ant. 4>** 802.11a : 16.70 MHz 802.11n HT20 : 18.00 MHz 802.11n HT40 : 37.60 MHz 802.11 ac VHT80 : 77.76 MHz **MIMO <Ant. 5>** 802.11a : 16.75 MHz 802.11n HT20 : 17.95 MHz 802.11n HT40 : 42.00 MHz 802.11 ac VHT80 : 78.72 MHz
Antenna Gain / Gain	**<5150 MHz ~ 5250 MHz>** <Ant. 4> : IFA Antenna with gain -7.1 dBi <Ant. 5> : ILA Antenna with gain -1.5 dBi **<5250 MHz ~ 5350 MHz>** <Ant. 4> : IFA Antenna with gain -7.1 dBi <Ant. 5> : ILA Antenna with gain -1.5 dBi **<5470 MHz ~ 5725 MHz>** <Ant. 4> : IFA Antenna with gain 0.0 dBi <Ant. 5> : ILA Antenna with gain -0.5 dBi

Standards-related Product Specification	
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)
Antenna Function Description	

	Ant. 4	Ant. 5
802.11 a/n/ac	V	V
802.11 a/n/ac MIMO	V	V

Remark: MIMO Ant. 4+5 is a calculated result from sum of the power MIMO Ant. 4 and MIMO Ant. 5.

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory		
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	DFS02-HY

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

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
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.**
	03CH13-HY

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

FCC designation No.: TW1190 and TW0007

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 414788 D01 Radiated Test Site v01r01.
- 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 with adapter; Y plane with WPC) 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 : WLAN (5GHz) Link + Bluetooth Link + USB Cable (Type C) (Charging from AC Adapter 1) Mode 2 : WLAN (5GHz) Link + Bluetooth Link + Earphone (Type C) + Wireless Charging

Remark:

1. The worst case of conducted emission is mode 2; only the test data of it was reported.

2. 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

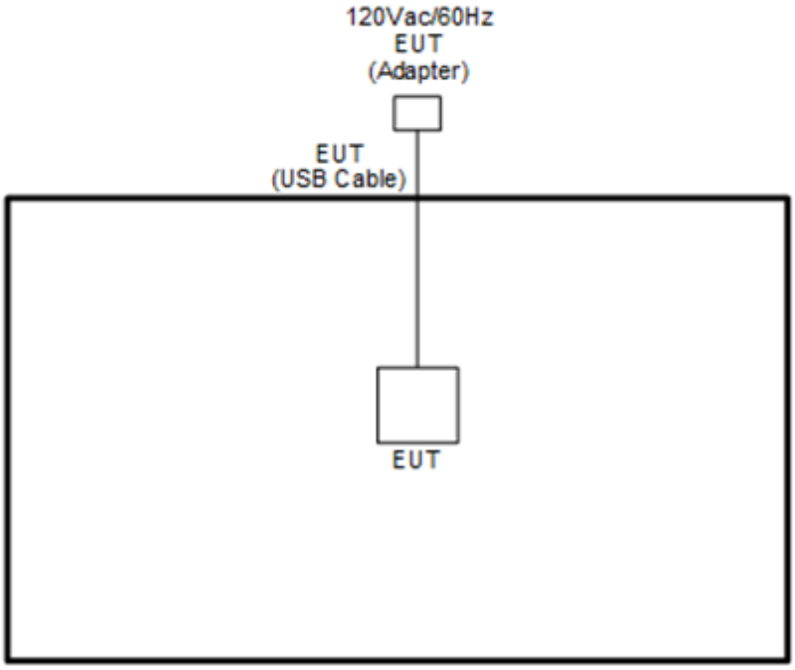
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

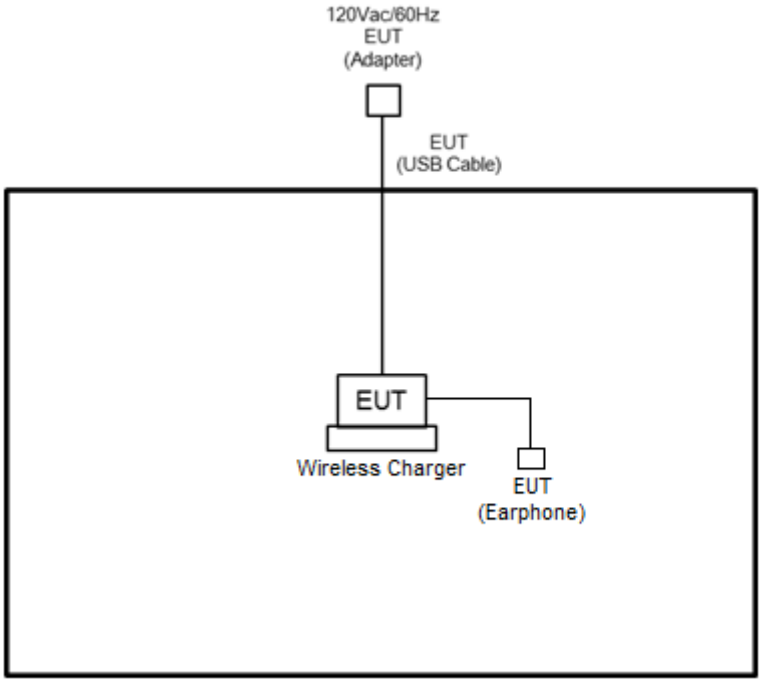
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

2.3 Connection Diagram of Test System

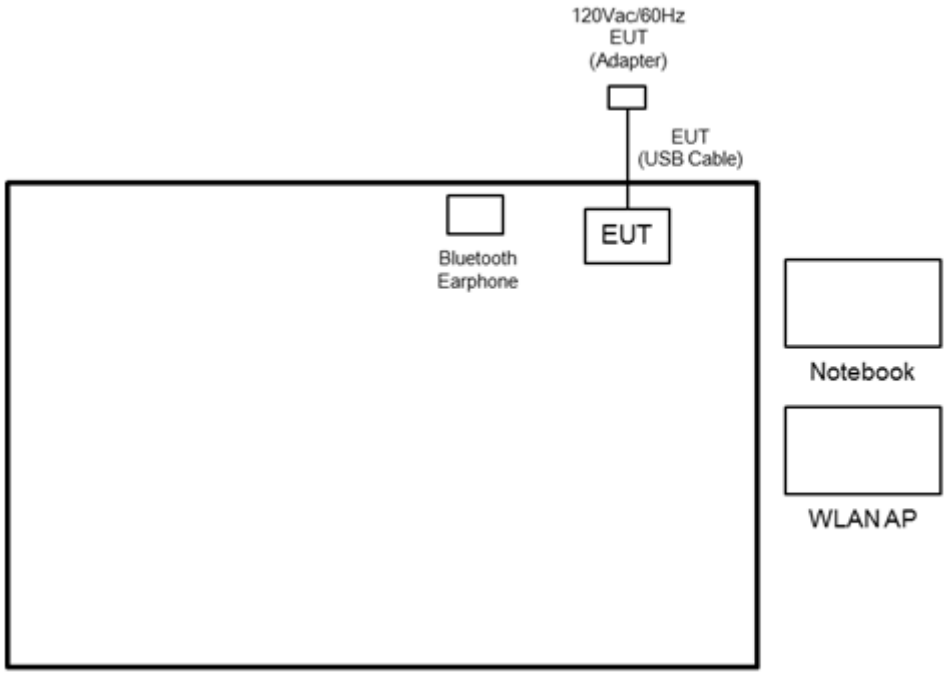
<WLAN Tx Mode>



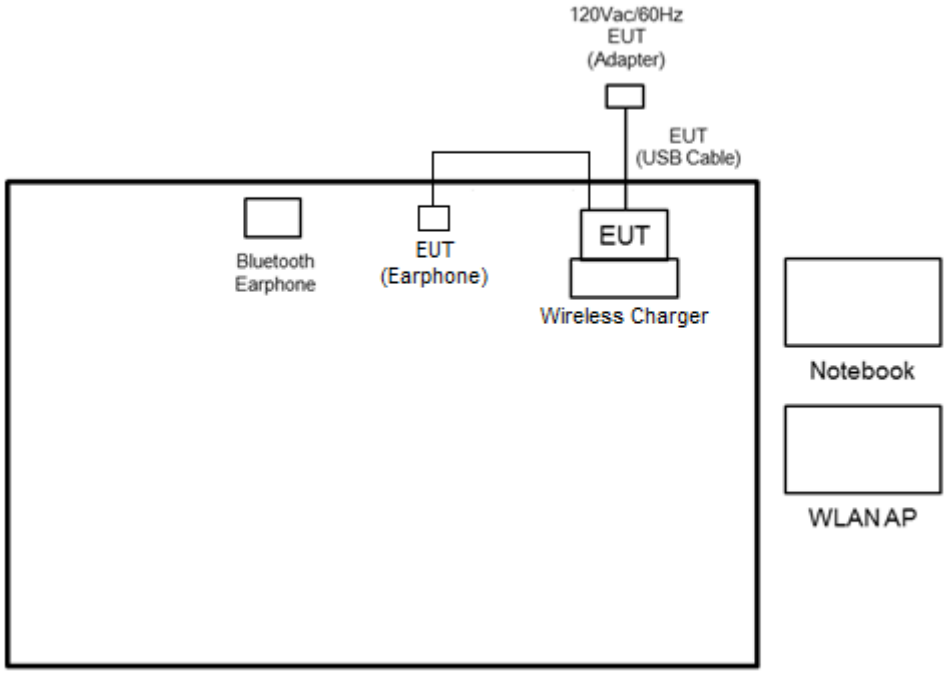
<WLAN Tx with WPC Charging Mode>



<AC Conducted Emissions Mode>



<AC Conducted Emissions with WPC Charging Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Bluetooth Earphone	Google	G015B	SZGG015B	N/A	N/A
4.	Wireless charger	Google	G019C	2APYSG019C	N/A	Unshielded,1.95m

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT version : 3.0.271.0" 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.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

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

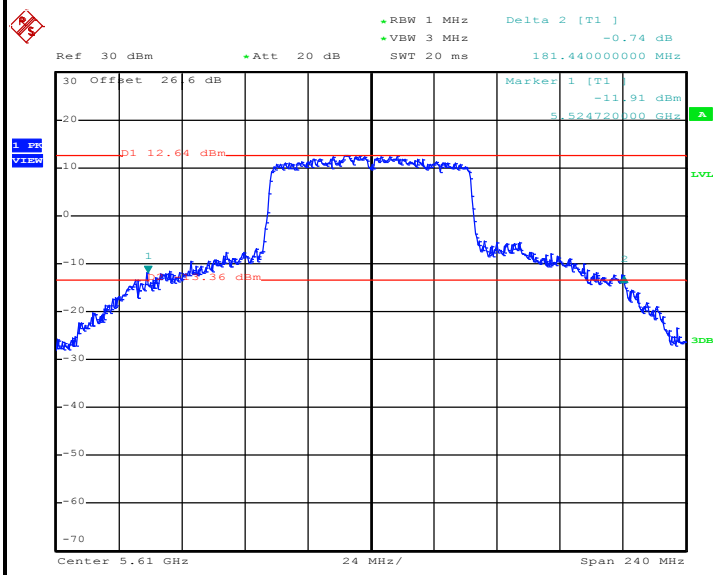
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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) ≥ 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.

Maximum 26dB Bandwidth



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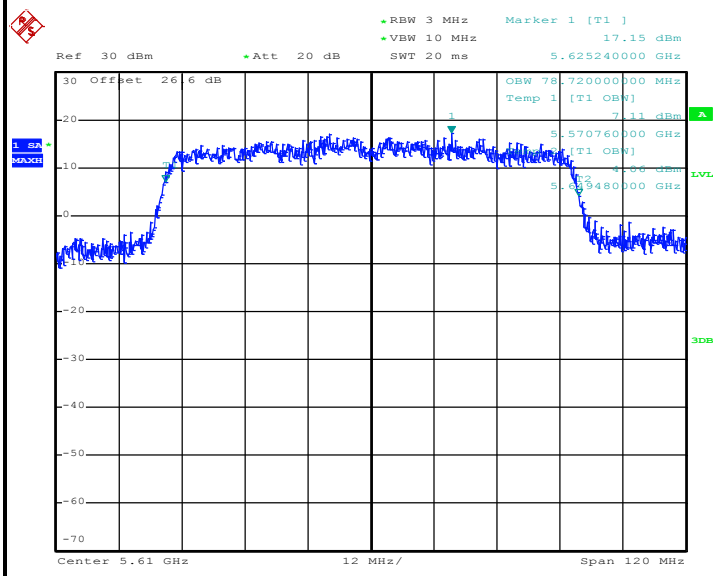
Maximum 99% Occupied Bandwidth



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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 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

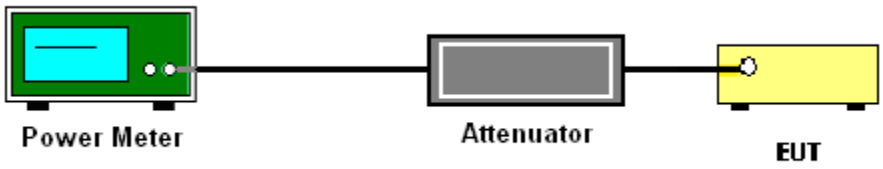
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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 ≥ 3 MHz.
- Number of points in sweep ≥ 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.

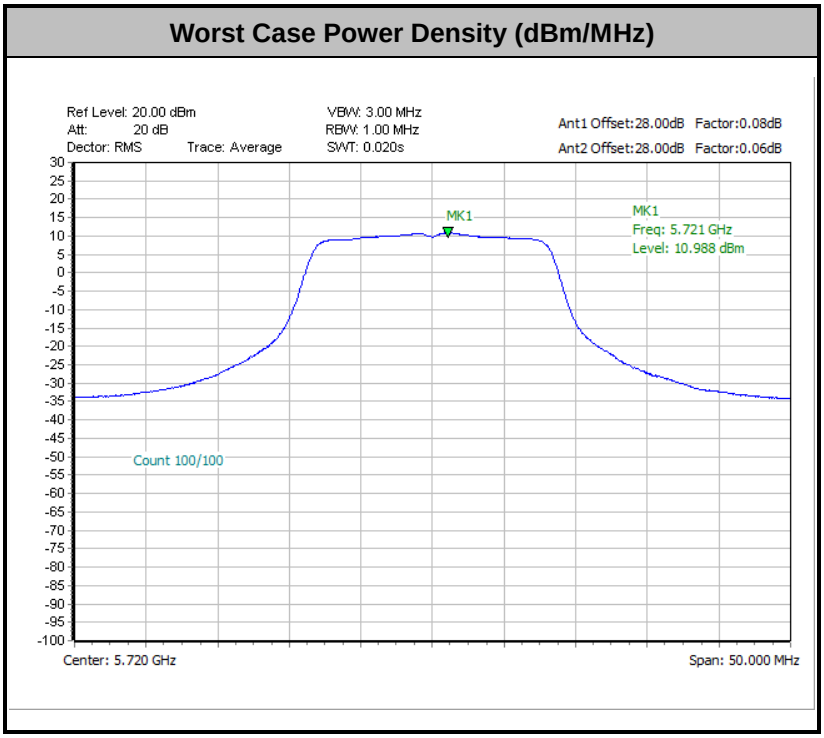
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
   Method (a): 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.

Worst Case Power Density (dBm/MHz)



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.

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/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

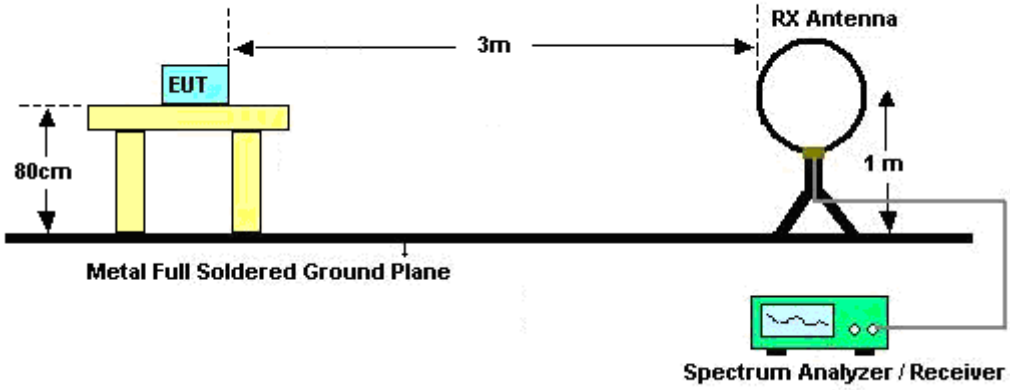
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 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.

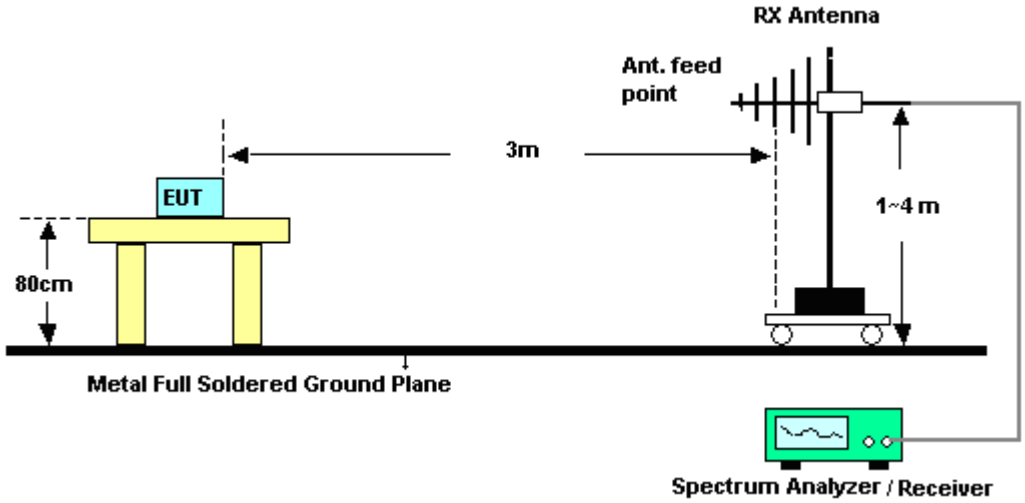
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

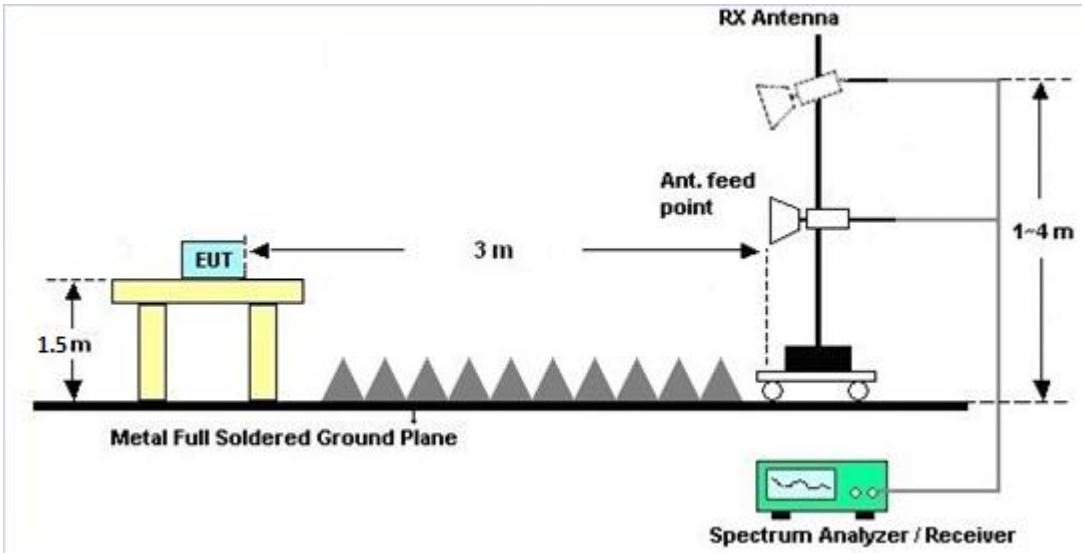
For radiated emissions below 30MHz



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 alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

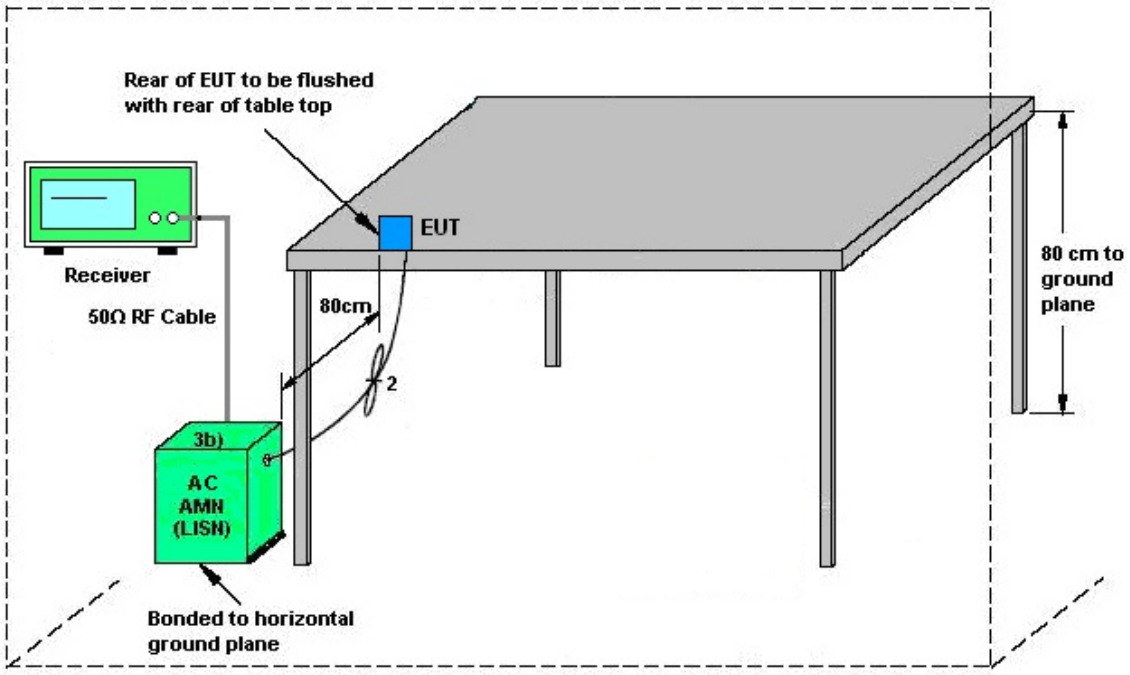
3.5.2 Measuring Instruments

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



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

A. Information start: make EUT supply information to the access point.

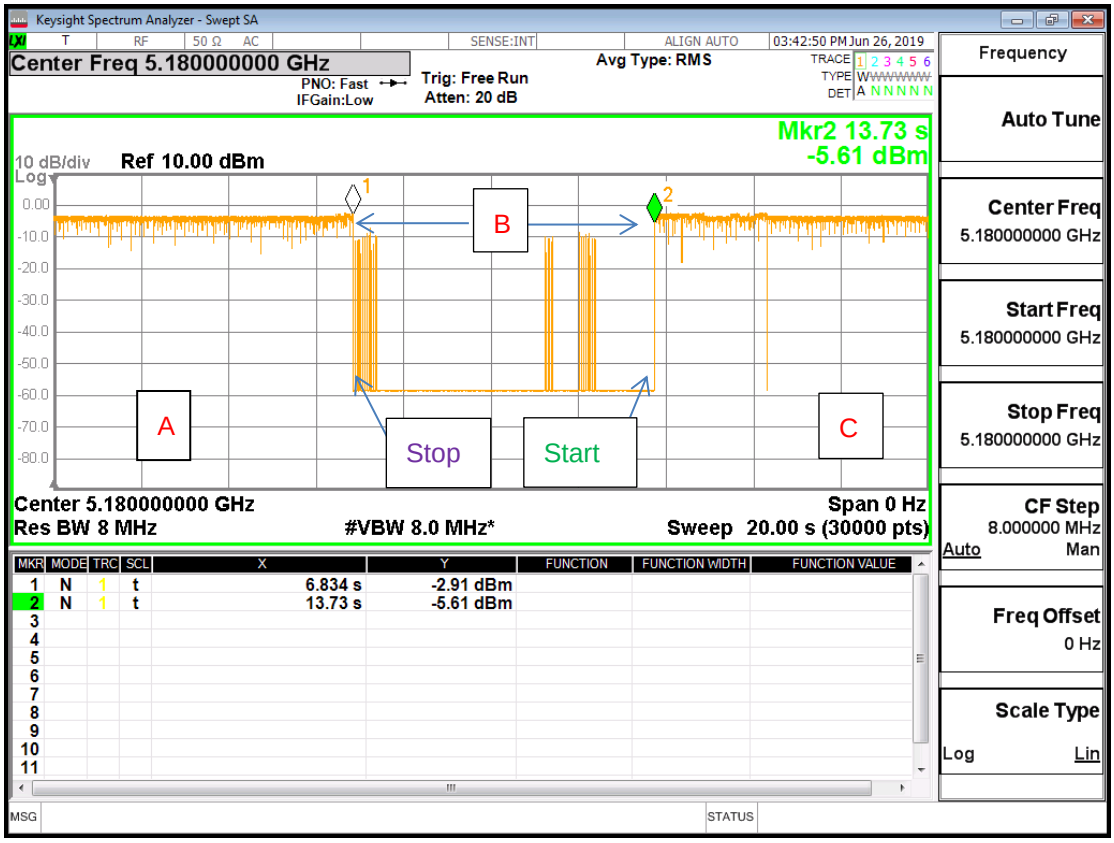
B. Information stop: stop supplying information to the access point.

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

C. Information start: make EUT supply information to the access point again.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

5180MHz



Note: The control / signaling information during the period B is precluded.

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(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 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. 4 (dBi)	Ant. 5 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-7.10	-1.50	-1.50	-0.85	0.00	0.00
Band II	-7.10	-1.50	-1.50	-0.85	0.00	0.00
Band III	0.00	-0.50	0.00	2.76	0.00	0.00

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

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 07, 2019	May 31, 2019~ Jun. 18, 2019	Jan. 06, 2020	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jun. 29, 2018	May 31, 2019~ Jun. 18, 2019	Jun. 28, 2019	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	37059&01	30MHz~1GHz	Oct. 13, 2018	May 31, 2019~ Jun. 18, 2019	Oct. 12, 2019	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 05, 2018	May 31, 2019~ Jun. 18, 2019	Dec. 04, 2019	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 14, 2018	May 31, 2019~ Jun. 18, 2019	Nov. 13, 2020	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590074	1GHz~18GHz	May 20, 2019	May 31, 2019~ Jun. 18, 2019	May 19, 2020	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 18, 2018	May 31, 2019~ Jun. 18, 2019	Dec. 17, 2019	Radiation (03CH13-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	May 31, 2019~ Jun. 18, 2019	Jul. 15, 2019	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Feb. 13, 2019	May 31, 2019~ Jun. 18, 2019	Feb. 12, 2020	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30M-18G	Feb. 13, 2019	May 31, 2019~ Jun. 18, 2019	Feb. 12, 2020	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30M-18G	Feb. 13, 2019	May 31, 2019~ Jun. 18, 2019	Feb. 12, 2020	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30M~40GHz	Mar. 13, 2019	May 31, 2019~ Jun. 18, 2019	Mar. 12, 2020	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30M~40GHz	Mar. 13, 2019	May 31, 2019~ Jun. 18, 2019	Mar. 12, 2020	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 19, 2019	May 31, 2019~ Jun. 18, 2019	Mar. 18, 2020	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	May 31, 2019~ Jun. 18, 2019	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	May 31, 2019~ Jun. 18, 2019	N/A	Radiation (03CH13-HY)
Software	AUDIX	E3 6.2009-8-24c	RK-001124	N/A	N/A	May 31, 2019~ Jun. 18, 2019	N/A	Radiation (03CH13-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY54130085	20Hz ~ 8.4GHz	Nov. 01, 2018	May 31, 2019~ Jun. 18, 2019	Oct. 31, 2019	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-1080-1200-15000-60ST	SN3	1.2G Low Pass	Jul. 05, 2018	May 31, 2019~ Jun. 18, 2019	Jul. 04, 2019	Radiation (03CH13-HY)
Filter	Woken	WHKX8-5272.5-6750-18000-40ST	SN5	6.75G Highpass	Mar. 13, 2019	May 31, 2019~ Jun. 18, 2019	Mar. 12, 2020	Radiation (03CH13-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Sensor	DARE	RPR3006W	13I00030SNO32	9kHz~6GHz	Dec. 03, 2018	Apr. 06, 2019~ Jun. 06, 2019	Dec. 02, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2018	Apr. 06, 2019~ Jun. 06, 2019	Nov. 20, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV 40	101397	10Hz~40GHz	Nov. 13, 2018	Apr. 06, 2019~ Jun. 06, 2019	Nov. 12, 2019	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1208382	N/A	Mar. 27, 2019	Apr. 06, 2019~ Jun. 06, 2019	Mar. 26, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 23, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	May 23, 2019	Nov. 11, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	May 23, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	May 23, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 23, 2019	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Dec. 31, 2018	May 23, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Dec. 31, 2018	May 23, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Spectrum Analyzer	Keysight	N9010A	MY56070412	10Hz~7GHz	Aug. 16, 2018	Jun. 26, 2019	Aug. 15, 2019	DFS (DFS02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.2**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.4**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.3**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Nick Yu / Rebecca Li / Luffy Lin	Temperature:	21~25	°C
Test Date:	2019/4/6~2019/6/6	Relative Humidity:	51~54	%

Report Number : FR8N0620-05E

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 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	36	5180	16.65	16.65	23.40	25.70	-		22.21			
11a	6Mbps	2	44	5220	16.65	16.75	24.60	27.25	-		22.21			
11a	6Mbps	2	48	5240	16.65	16.70	25.00	26.70	-		22.21			
HT20	MCS0	2	36	5180	17.85	17.95	25.55	29.45	-		22.52			
HT20	MCS0	2	44	5220	17.90	17.85	25.70	26.65	-		22.52			
HT20	MCS0	2	48	5240	18.00	17.90	26.70	29.55	-		22.53			
HT40	MCS0	2	38	5190	36.60	36.60	41.58	41.58	-		23.01			
HT40	MCS0	2	46	5230	37.00	37.30	54.18	71.73	-		23.01			
VHT80	MCS0	2	42	5210	76.92	77.16	82.56	82.24	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	1	36	5180	18.00	18.50		24.00	24.00	-7.10	-1.50		Pass
11a	6Mbps	1	44	5220	18.10	18.60		24.00	24.00	-7.10	-1.50		Pass
11a	6Mbps	1	48	5240	18.10	18.50		24.00	24.00	-7.10	-1.50		Pass
HT20	MCS0	1	36	5180	18.40	18.80		24.00	24.00	-7.10	-1.50		Pass
HT20	MCS0	1	44	5220	18.10	18.40		24.00	24.00	-7.10	-1.50		Pass
HT20	MCS0	1	48	5240	18.40	18.80		24.00	24.00	-7.10	-1.50		Pass
HT40	MCS0	1	38	5190	15.20	15.10		24.00	24.00	-7.10	-1.50		Pass
HT40	MCS0	1	46	5230	19.30	19.60		24.00	24.00	-7.10	-1.50		Pass
VHT20	MCS0	1	36	5180	18.30	18.70		24.00	24.00	-7.10	-1.50		Pass
VHT20	MCS0	1	44	5220	18.00	18.30		24.00	24.00	-7.10	-1.50		Pass
VHT20	MCS0	1	48	5240	18.30	18.70		24.00	24.00	-7.10	-1.50		Pass
VHT40	MCS0	1	38	5190	15.10	15.00		24.00	24.00	-7.10	-1.50		Pass
VHT40	MCS0	1	46	5230	19.20	19.50		24.00	24.00	-7.10	-1.50		Pass
VHT80	MCS0	1	42	5210	14.00	14.20		24.00	24.00	-7.10	-1.50		Pass
11a	6Mbps	2	36	5180	18.30	18.80	21.57	24.00		-1.50			Pass
11a	6Mbps	2	44	5220	18.40	18.90	21.67	24.00		-1.50			Pass
11a	6Mbps	2	48	5240	18.40	18.70	21.56	24.00		-1.50			Pass
HT20	MCS0	2	36	5180	18.60	19.00	21.81	24.00		-1.50			Pass
HT20	MCS0	2	44	5220	18.30	18.70	21.51	24.00		-1.50			Pass
HT20	MCS0	2	48	5240	18.70	19.00	21.86	24.00		-1.50			Pass
HT40	MCS0	2	38	5190	15.30	15.50	18.41	24.00		-1.50			Pass
HT40	MCS0	2	46	5230	19.60	19.90	22.76	24.00		-1.50			Pass
VHT20	MCS0	2	36	5180	18.50	19.00	21.77	24.00		-1.50			Pass
VHT20	MCS0	2	44	5220	18.20	18.60	21.41	24.00		-1.50			Pass
VHT20	MCS0	2	48	5240	18.60	18.90	21.76	24.00		-1.50			Pass
VHT40	MCS0	2	38	5190	15.20	15.50	18.36	24.00		-1.50			Pass
VHT40	MCS0	2	46	5230	19.50	19.80	22.66	24.00		-1.50			Pass
VHT80	MCS0	2	42	5210	14.20	14.70	17.47	24.00		-1.50			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 4	Ant 5	Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	36	5180	0.08	0.06			10.81	11.00		-0.85			Pass
11a	6Mbps	2	44	5220	0.08	0.06			10.94	11.00		-0.85			Pass
11a	6Mbps	2	48	5240	0.08	0.06			10.85	11.00		-0.85			Pass
HT20	MCS0	2	36	5180	0.09	0.09			10.95	11.00		-0.85			Pass
HT20	MCS0	2	44	5220	0.09	0.09			10.61	11.00		-0.85			Pass
HT20	MCS0	2	48	5240	0.09	0.09			10.91	11.00		-0.85			Pass
HT40	MCS0	2	38	5190	0.16	0.16			4.08	11.00		-0.85			Pass
HT40	MCS0	2	46	5230	0.16	0.16			8.86	11.00		-0.85			Pass
VHT80	MCS0	2	42	5210	0.32	0.32			-0.34	11.00		-0.85			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 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	
11a	6Mbps	2	52	5260	16.65	16.70	24.00	27.20	23.21		29.21		23.98		
11a	6Mbps	2	60	5300	16.70	16.70	24.35	25.00	23.23		29.23		23.98		
11a	6Mbps	2	64	5320	16.70	16.65	23.30	24.40	23.21		29.21		23.98		
HT20	MCS0	2	52	5260	17.85	17.90	25.25	28.35	23.52		29.52		23.98		
HT20	MCS0	2	60	5300	17.85	17.85	25.80	25.40	23.52		29.52		23.98		
HT20	MCS0	2	64	5320	17.90	17.90	24.95	25.50	23.53		29.53		23.98		
HT40	MCS0	2	54	5270	37.00	42.00	62.16	83.40	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.60	36.60	41.58	41.76	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.80	76.92	83.20	82.56	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	1	52	5260	18.20	18.50		23.98	23.98	-7.10	-1.50	30	Pass
11a	6Mbps	1	60	5300	18.20	18.00		23.98	23.98	-7.10	-1.50	30	Pass
11a	6Mbps	1	64	5320	18.30	18.30		23.98	23.98	-7.10	-1.50	30	Pass
HT20	MCS0	1	52	5260	18.10	18.30		23.98	23.98	-7.10	-1.50	30	Pass
HT20	MCS0	1	60	5300	18.70	18.50		23.98	23.98	-7.10	-1.50	30	Pass
HT20	MCS0	1	64	5320	18.70	18.60		23.98	23.98	-7.10	-1.50	30	Pass
HT40	MCS0	1	54	5270	20.50	20.60		23.98	23.98	-7.10	-1.50	30	Pass
HT40	MCS0	1	62	5310	16.90	16.50		23.98	23.98	-7.10	-1.50	30	Pass
VHT20	MCS0	1	52	5260	18.00	18.20		23.98	23.98	-7.10	-1.50	30	Pass
VHT20	MCS0	1	60	5300	18.60	18.40		23.98	23.98	-7.10	-1.50	30	Pass
VHT20	MCS0	1	64	5320	18.60	18.50		23.98	23.98	-7.10	-1.50	30	Pass
VHT40	MCS0	1	54	5270	20.40	20.50		23.98	23.98	-7.10	-1.50	30	Pass
VHT40	MCS0	1	62	5310	16.80	16.40		23.98	23.98	-7.10	-1.50	30	Pass
VHT80	MCS0	1	58	5290	16.60	16.50		23.98	23.98	-7.10	-1.50	30	Pass
11a	6Mbps	2	52	5260	18.50	18.70	21.61	23.98		-1.50		30	Pass
11a	6Mbps	2	60	5300	18.50	18.50	21.51	23.98		-1.50		30	Pass
11a	6Mbps	2	64	5320	18.60	18.50	21.56	23.98		-1.50		30	Pass
HT20	MCS0	2	52	5260	18.20	18.50	21.36	23.98		-1.50		30	Pass
HT20	MCS0	2	60	5300	18.80	18.70	21.76	23.98		-1.50		30	Pass
HT20	MCS0	2	64	5320	18.90	18.80	21.86	23.98		-1.50		30	Pass
HT40	MCS0	2	54	5270	20.60	20.70	23.66	23.98		-1.50		30	Pass
HT40	MCS0	2	62	5310	17.00	16.80	19.91	23.98		-1.50		30	Pass
VHT20	MCS0	2	52	5260	18.10	18.40	21.26	23.98		-1.50		30	Pass
VHT20	MCS0	2	60	5300	18.70	18.60	21.66	23.98		-1.50		30	Pass
VHT20	MCS0	2	64	5320	18.80	18.70	21.76	23.98		-1.50		30	Pass
VHT40	MCS0	2	54	5270	20.50	20.60	23.56	23.98		-1.50		30	Pass
VHT40	MCS0	2	62	5310	16.90	16.70	19.81	23.98		-1.50		30	Pass
VHT80	MCS0	2	58	5290	16.90	16.50	19.71	23.98		-1.50		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 4	Ant 5	Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	52	5260	0.08	0.06			10.82	11.00		-0.85			Pass
11a	6Mbps	2	60	5300	0.08	0.06			10.68	11.00		-0.85			Pass
11a	6Mbps	2	64	5320	0.08	0.06			10.60	11.00		-0.85			Pass
HT20	MCS0	2	52	5260	0.09	0.09			10.46	11.00		-0.85			Pass
HT20	MCS0	2	60	5300	0.09	0.09			10.73	11.00		-0.85			Pass
HT20	MCS0	2	64	5320	0.09	0.09			10.83	11.00		-0.85			Pass
HT40	MCS0	2	54	5270	0.16	0.16			9.62	11.00		-0.85			Pass
HT40	MCS0	2	62	5310	0.16	0.16			5.62	11.00		-0.85			Pass
VHT80	MCS0	2	58	5290	0.32	0.32			2.32	11.00		-0.85			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 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5
11a	6Mbps	2	100	5500	16.60	16.55	23.70	23.05	23.19		29.19		23.98		----	----
11a	6Mbps	2	116	5580	16.65	16.60	23.40	23.25	23.20		29.20		23.98		----	----
11a	6Mbps	2	140	5700	16.65	16.70	25.55	28.80	23.21		29.21		23.98		----	----
11a	6Mbps	2	144	5720	13.40	13.35	19.10	19.20	22.25		28.25		23.81		2.55	2.55
HT20	MCS0	2	100	5500	17.85	17.80	24.90	25.50	23.50		29.50		23.98		----	----
HT20	MCS0	2	116	5580	17.75	17.85	23.95	25.20	23.49		29.49		23.98		----	----
HT20	MCS0	2	140	5700	17.85	17.90	25.25	27.55	23.52		29.52		23.98		----	----
HT20	MCS0	2	144	5720	13.95	14.00	18.35	19.90	22.45		28.45		23.64		3.35	2.55
HT40	MCS0	2	102	5510	36.80	36.90	52.11	53.10	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	37.20	37.30	70.86	71.52	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	37.60	36.50	74.40	80.25	23.98		30.00		23.98		----	----
HT40	MCS0	2	142	5710	37.60	40.70	59.40	63.78	23.98		30.00		23.98		2.55	2.5
VHT80	MCS0	2	106	5530	76.56	76.56	83.20	82.56	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	77.76	78.72	156.72	181.44	23.98		30.00		23.98		----	----
VHT80	MCS0	2	138	5690	74.00	75.44	113.88	129.32	23.98		30.00		23.98		2.56	2.44

TEST RESULTS DATA
Average Power Table

FCC Band III													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	1	100	5500	18.20	18.20		23.98	23.98	0.00	-0.50	30	Pass
11a	6Mbps	1	116	5580	17.90	18.00		23.98	23.98	0.00	-0.50	30	Pass
11a	6Mbps	1	140	5700	18.40	18.50		23.98	23.98	0.00	-0.50	30	Pass
11a	6Mbps	1	144	5720	18.30	18.50		23.81	23.81	0.00	-0.50	30	Pass
HT20	MCS0	1	100	5500	18.50	18.80		23.98	23.98	0.00	-0.50	30	Pass
HT20	MCS0	1	116	5580	17.80	18.00		23.98	23.98	0.00	-0.50	30	Pass
HT20	MCS0	1	140	5700	18.30	18.30		23.98	23.98	0.00	-0.50	30	Pass
HT20	MCS0	1	144	5720	18.20	18.40		23.64	23.64	0.00	-0.50	30	Pass
HT40	MCS0	1	102	5510	19.50	19.40		23.98	23.98	0.00	-0.50	30	Pass
HT40	MCS0	1	110	5550	20.70	20.50		23.98	23.98	0.00	-0.50	30	Pass
HT40	MCS0	1	134	5670	20.70	20.60		23.98	23.98	0.00	-0.50	30	Pass
HT40	MCS0	1	142	5710	20.60	20.60		23.98	23.98	0.00	-0.50	30	Pass
VHT20	MCS0	1	100	5500	18.40	18.70		23.98	23.98	0.00	-0.50	30	Pass
VHT20	MCS0	1	116	5580	17.70	17.90		23.98	23.98	0.00	-0.50	30	Pass
VHT20	MCS0	1	140	5700	18.20	18.20		23.98	23.98	0.00	-0.50	30	Pass
VHT20	MCS0	1	144	5720	18.10	18.30		23.64	23.64	0.00	-0.50	30	Pass
VHT40	MCS0	1	102	5510	19.40	19.30		23.98	23.98	0.00	-0.50	30	Pass
VHT40	MCS0	1	110	5550	20.60	20.40		23.98	23.98	0.00	-0.50	30	Pass
VHT40	MCS0	1	134	5670	20.60	20.50		23.98	23.98	0.00	-0.50	30	Pass
VHT40	MCS0	1	142	5710	20.50	20.50		23.98	23.98	0.00	-0.50	30	Pass
VHT80	MCS0	1	106	5530	16.70	16.70		23.98	23.98	0.00	-0.50	30	Pass
VHT80	MCS0	1	122	5610	20.50	20.60		23.98	23.98	0.00	-0.50	30	Pass
VHT80	MCS0	1	138	5690	20.50	20.70		23.98	23.98	0.00	-0.50	30	Pass
11a	6Mbps	2	100	5500	18.40	18.60	21.51	23.98		0.00		30	Pass
11a	6Mbps	2	116	5580	18.10	18.40	21.26	23.98		0.00		30	Pass
11a	6Mbps	2	140	5700	18.50	18.80	21.66	23.98		0.00		30	Pass
11a	6Mbps	2	144	5720	18.40	18.70	21.56	23.81		0.00		30	Pass
HT20	MCS0	2	100	5500	18.60	19.00	21.81	23.98		0.00		30	Pass
HT20	MCS0	2	116	5580	18.20	18.20	21.21	23.98		0.00		30	Pass
HT20	MCS0	2	140	5700	18.50	18.60	21.56	23.98		0.00		30	Pass
HT20	MCS0	2	144	5720	18.30	18.60	21.46	23.64		0.00		30	Pass
HT40	MCS0	2	102	5510	19.90	19.80	22.86	23.98		0.00		30	Pass
HT40	MCS0	2	110	5550	20.90	20.60	23.76	23.98		0.00		30	Pass
HT40	MCS0	2	134	5670	20.80	20.70	23.76	23.98		0.00		30	Pass
HT40	MCS0	2	142	5710	20.70	20.70	23.71	23.98		0.00		30	Pass
VHT20	MCS0	2	100	5500	18.50	18.90	21.71	23.98		0.00		30	Pass
VHT20	MCS0	2	116	5580	18.10	18.10	21.11	23.98		0.00		30	Pass
VHT20	MCS0	2	140	5700	18.40	18.50	21.46	23.98		0.00		30	Pass
VHT20	MCS0	2	144	5720	18.20	18.50	21.36	23.64		0.00		30	Pass
VHT40	MCS0	2	102	5510	19.80	19.70	22.76	23.98		0.00		30	Pass
VHT40	MCS0	2	110	5550	20.80	20.50	23.66	23.98		0.00		30	Pass
VHT40	MCS0	2	134	5670	20.70	20.60	23.66	23.98		0.00		30	Pass
VHT40	MCS0	2	142	5710	20.60	20.60	23.61	23.98		0.00		30	Pass
VHT80	MCS0	2	106	5530	16.80	16.80	19.81	23.98		0.00		30	Pass
VHT80	MCS0	2	122	5610	20.90	20.70	23.81	23.98		0.00		30	Pass
VHT80	MCS0	2	138	5690	20.60	20.80	23.71	23.98		0.00		30	Pass

Report Number : FR8N0620-05E

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 4	Ant 5	Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	100	5500	0.08	0.06			10.77	11.00		2.76			Pass
11a	6Mbps	2	116	5580	0.08	0.06			10.70	11.00		2.76			Pass
11a	6Mbps	2	140	5700	0.08	0.06			10.87	11.00		2.76			Pass
11a	6Mbps	2	144	5720	0.08	0.06			10.99	11.00		2.76			Pass
HT20	MCS0	2	100	5500	0.09	0.09			10.99	11.00		2.76			Pass
HT20	MCS0	2	116	5580	0.09	0.09			10.58	11.00		2.76			Pass
HT20	MCS0	2	140	5700	0.09	0.09			10.66	11.00		2.76			Pass
HT20	MCS0	2	144	5720	0.09	0.09			10.67	11.00		2.76			Pass
HT40	MCS0	2	102	5510	0.16	0.16			8.82	11.00		2.76			Pass
HT40	MCS0	2	110	5550	0.16	0.16			9.54	11.00		2.76			Pass
HT40	MCS0	2	134	5670	0.16	0.16			9.50	11.00		2.76			Pass
HT40	MCS0	2	142	5710	0.16	0.16			9.73	11.00		2.76			Pass
VHT80	MCS0	2	106	5530	0.32	0.32			2.30	11.00		2.76			Pass
VHT80	MCS0	2	122	5610	0.32	0.32			6.92	11.00		2.76			Pass
VHT80	MCS0	2	138	5690	0.32	0.32			6.94	11.00		2.76			Pass

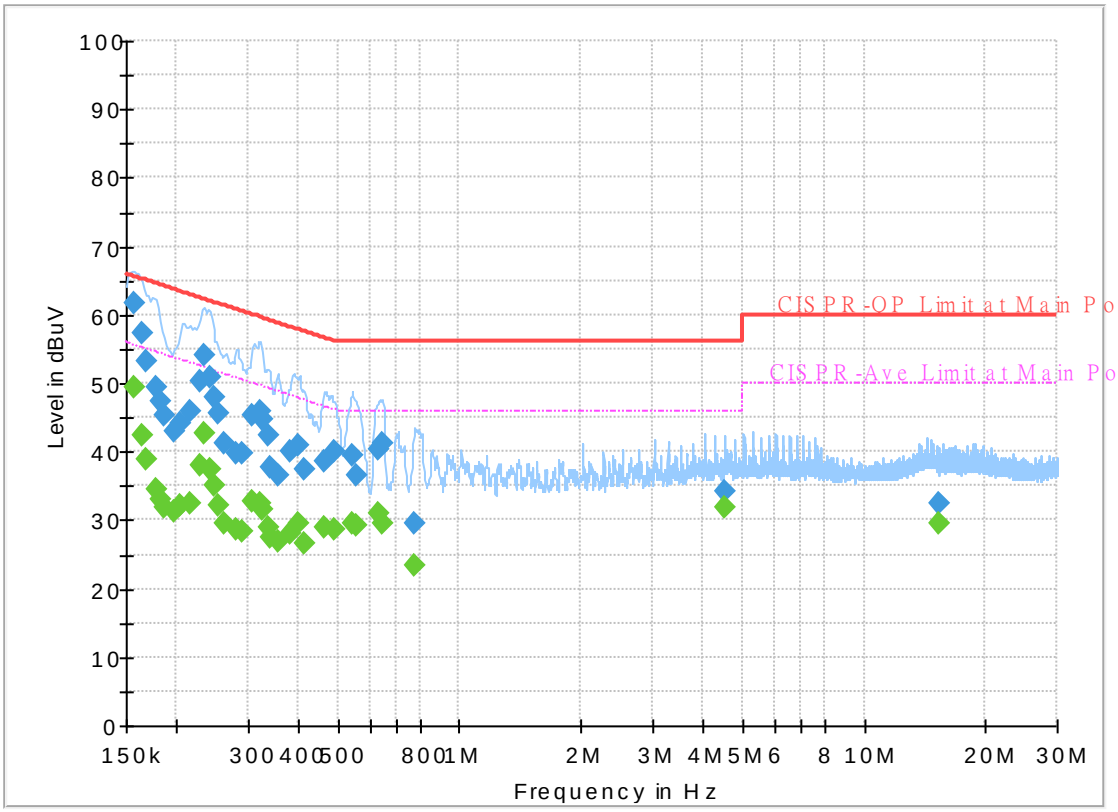
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Jimmy Chang	**Temperature :**	24~26℃
		Relative Humidity :	51~54%

EUT Information

Report NO :	8N0620-05
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



Final_Result

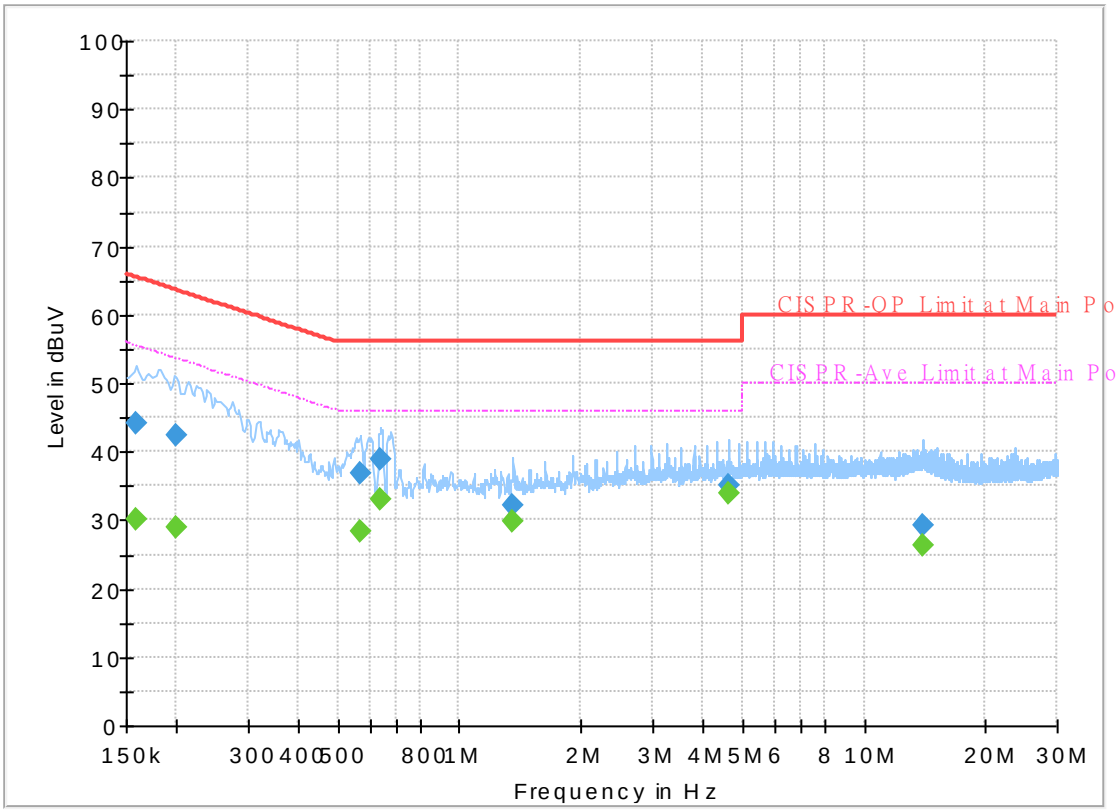
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	49.31	55.63	6.32	L1	OFF	19.5
0.156750	61.76	---	65.63	3.87	L1	OFF	19.5
0.163500	---	42.31	55.28	12.97	L1	OFF	19.5
0.163500	57.41	---	65.28	7.87	L1	OFF	19.5
0.168000	---	38.84	55.06	16.22	L1	OFF	19.5
0.168000	53.21	---	65.06	11.85	L1	OFF	19.5
0.177000	---	34.47	54.63	20.16	L1	OFF	19.5
0.177000	49.51	---	64.63	15.12	L1	OFF	19.5
0.181500	---	33.14	54.42	21.28	L1	OFF	19.5
0.181500	47.49	---	64.42	16.93	L1	OFF	19.5
0.186000	---	32.01	54.21	22.20	L1	OFF	19.5
0.186000	45.29	---	64.21	18.92	L1	OFF	19.5
0.197250	---	31.22	53.73	22.51	L1	OFF	19.5
0.197250	43.10	---	63.73	20.63	L1	OFF	19.5
0.204000	---	32.07	53.45	21.38	L1	OFF	19.5
0.204000	44.16	---	63.45	19.29	L1	OFF	19.5
0.215250	---	32.57	53.00	20.43	L1	OFF	19.5
0.215250	45.98	---	63.00	17.02	L1	OFF	19.5
0.228750	---	38.14	52.50	14.36	L1	OFF	19.5
0.228750	50.40	---	62.50	12.10	L1	OFF	19.5
0.233250	---	42.61	52.33	9.72	L1	OFF	19.5

0.233250	54.13	---	62.33	8.20	L1	OFF	19.5
0.242250	---	37.41	52.02	14.61	L1	OFF	19.5
0.242250	50.84	---	62.02	11.18	L1	OFF	19.5
0.246750	---	34.95	51.87	16.92	L1	OFF	19.5
0.246750	48.00	---	61.87	13.87	L1	OFF	19.5
0.253500	---	32.30	51.64	19.34	L1	OFF	19.5
0.253500	45.48	---	61.64	16.16	L1	OFF	19.5
0.262500	---	29.43	51.35	21.92	L1	OFF	19.5
0.262500	41.14	---	61.35	20.21	L1	OFF	19.5
0.280500	---	28.65	50.80	22.15	L1	OFF	19.5
0.280500	39.63	---	60.80	21.17	L1	OFF	19.5
0.289500	---	28.50	50.54	22.04	L1	OFF	19.5
0.289500	39.70	---	60.54	20.84	L1	OFF	19.5
0.307500	---	32.77	50.04	17.27	L1	OFF	19.5
0.307500	45.23	---	60.04	14.81	L1	OFF	19.5
0.323250	---	32.42	49.62	17.20	L1	OFF	19.5
0.323250	45.86	---	59.62	13.76	L1	OFF	19.5
0.325500	---	31.64	49.57	17.93	L1	OFF	19.5
0.325500	44.60	---	59.57	14.97	L1	OFF	19.5
0.336750	---	28.90	49.28	20.38	L1	OFF	19.5
0.336750	42.32	---	59.28	16.96	L1	OFF	19.5
0.341250	---	27.55	49.17	21.62	L1	OFF	19.5
0.341250	37.72	---	59.17	21.45	L1	OFF	19.5
0.357000	---	26.83	48.80	21.97	L1	OFF	19.5
0.357000	36.67	---	58.80	22.13	L1	OFF	19.5
0.384000	---	28.17	48.19	20.02	L1	OFF	19.5
0.384000	39.96	---	58.19	18.23	L1	OFF	19.5
0.399750	---	29.56	47.86	18.30	L1	OFF	19.5
0.399750	41.08	---	57.86	16.78	L1	OFF	19.5
0.415500	---	26.48	47.54	21.06	L1	OFF	19.5
0.415500	37.38	---	57.54	20.16	L1	OFF	19.5
0.462750	---	28.92	46.64	17.72	L1	OFF	19.5
0.462750	38.50	---	56.64	18.14	L1	OFF	19.5
0.489750	---	28.54	46.17	17.63	L1	OFF	19.5
0.489750	40.09	---	56.17	16.08	L1	OFF	19.5
0.543750	---	29.58	46.00	16.42	L1	OFF	19.5
0.543750	39.55	---	56.00	16.45	L1	OFF	19.5
0.557250	---	29.33	46.00	16.67	L1	OFF	19.5
0.557250	36.47	---	56.00	19.53	L1	OFF	19.5
0.627000	---	30.86	46.00	15.14	L1	OFF	19.6
0.627000	40.49	---	56.00	15.51	L1	OFF	19.6
0.642750	---	29.51	46.00	16.49	L1	OFF	19.6
0.642750	41.36	---	56.00	14.64	L1	OFF	19.6
0.773250	---	23.49	46.00	22.51	L1	OFF	19.6
0.773250	29.53	---	56.00	26.47	L1	OFF	19.6
4.537500	---	31.93	46.00	14.07	L1	OFF	19.7
4.537500	34.12	---	56.00	21.88	L1	OFF	19.7
15.378000	---	29.64	50.00	20.36	L1	OFF	20.1
15.378000	32.57	---	60.00	27.43	L1	OFF	20.1

EUT Information

Report NO :	8N0620-05
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	30.21	55.52	25.31	N	OFF	19.5
0.159000	44.11	---	65.52	21.41	N	OFF	19.5
0.199500	---	29.08	53.63	24.55	N	OFF	19.5
0.199500	42.46	---	63.63	21.17	N	OFF	19.5
0.568500	---	28.24	46.00	17.76	N	OFF	19.5
0.568500	36.93	---	56.00	19.07	N	OFF	19.5
0.638250	---	32.93	46.00	13.07	N	OFF	19.6
0.638250	38.81	---	56.00	17.19	N	OFF	19.6
1.356000	---	29.86	46.00	16.14	N	OFF	19.6
1.356000	32.13	---	56.00	23.87	N	OFF	19.6
4.609500	---	33.94	46.00	12.06	N	OFF	19.7
4.609500	35.19	---	56.00	20.81	N	OFF	19.7
14.032500	---	26.46	50.00	23.54	N	OFF	20.1
14.032500	29.26	---	60.00	30.74	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Andy Yang, JC Liang, Wilson Wu	Temperature :	25~25°C
		Relative Humidity :	48~50%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	53.68	-20.32	74	45.4	31.69	6.08	29.49	109	236	P	H
		5150	44.45	-9.55	54	36.17	31.69	6.08	29.49	109	236	A	H
	*	5180	107.09	-	-	98.77	31.71	6.1	29.49	109	236	P	H
	*	5180	99.79	-	-	91.47	31.71	6.1	29.49	109	236	A	H
													H
													H
		5148.46	50.96	-23.04	74	42.68	31.69	6.08	29.49	100	126	P	V
		5150	43.21	-10.79	54	34.93	31.69	6.08	29.49	100	126	A	V
	*	5180	108.01	-	-	99.69	31.71	6.1	29.49	100	126	P	V
	*	5180	100.63	-	-	92.31	31.71	6.1	29.49	100	126	A	V
													V
													V
802.11a CH 44 5220MHz		5072.8	49.65	-24.35	74	41.43	31.65	6.04	29.47	100	235	P	H
		5150	39.73	-14.27	54	31.45	31.69	6.08	29.49	100	235	A	H
	*	5220	108.62	-	-	100.28	31.73	6.11	29.5	100	235	P	H
	*	5220	99.93	-	-	91.59	31.73	6.11	29.5	100	235	A	H
		5455.24	48.33	-25.67	74	39.82	31.87	6.18	29.54	100	235	P	H
		5460	38.42	-15.58	54	29.91	31.87	6.18	29.54	100	235	A	H
		5054.86	50.03	-23.97	74	41.83	31.64	6.03	29.47	108	116	P	V
		5150	39.57	-14.43	54	31.29	31.69	6.08	29.49	108	116	A	V
	*	5220	107.47	-	-	99.13	31.73	6.11	29.5	108	116	P	V
	*	5220	100.16	-	-	91.82	31.73	6.11	29.5	108	116	A	V
		5451.88	48.25	-25.75	74	39.75	31.87	6.17	29.54	108	116	P	V
		5458.04	38.5	-15.5	54	29.99	31.87	6.18	29.54	108	116	A	V

802.11a CH 48 5240MHz		5133.12	49.7	-24.3	74	41.43	31.68	6.07	29.48	104	238	P	H
		5073.84	39.27	-14.73	54	31.05	31.65	6.04	29.47	104	238	A	H
	*	5240	108.37	-	-	100.02	31.74	6.11	29.5	104	238	P	H
	*	5240	100.12	-	-	91.77	31.74	6.11	29.5	104	238	A	H
		5459.44	48.15	-25.85	74	39.64	31.87	6.18	29.54	104	238	P	H
		5459.16	38.35	-15.65	54	29.84	31.87	6.18	29.54	104	238	A	H
		5065.52	49.37	-24.63	74	41.16	31.64	6.04	29.47	104	119	P	V
		5066.82	39.29	-14.71	54	31.08	31.64	6.04	29.47	104	119	A	V
	*	5240	107.81	-	-	99.46	31.74	6.11	29.5	104	119	P	V
	*	5240	100.61	-	-	92.26	31.74	6.11	29.5	104	119	A	V
		5448.52	48.8	-25.2	74	40.3	31.87	6.17	29.54	104	119	P	V
		5458.6	38.43	-15.57	54	29.92	31.87	6.18	29.54	104	119	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. 4+5	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	45.99	-22.21	68.2	53.28	39.76	9.91	56.96	100	0	P	H
		15540	45.83	-28.17	74	51.21	38.62	12.65	56.65	100	0	P	H
													H
													H
		10360	46.33	-21.87	68.2	53.62	39.76	9.91	56.96	100	0	P	V
		15540	45.53	-28.47	74	50.91	38.62	12.65	56.65	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.85	-21.35	68.2	53.94	39.88	9.95	56.92	100	0	P	H
		15660	44.46	-29.54	74	49.92	38.33	12.72	56.51	100	0	P	H
													H
													H
		10440	46.91	-21.29	68.2	54	39.88	9.95	56.92	100	0	P	V
		15660	44.59	-29.41	74	50.05	38.33	12.72	56.51	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	48.57	-19.63	68.2	55.54	39.97	9.97	56.91	100	0	P	H
		15720	44.83	-29.17	74	50.37	38.16	12.74	56.44	100	0	P	H
													H
													H
		10480	46.88	-21.32	68.2	53.85	39.97	9.97	56.91	100	0	P	V
		15720	45.23	-28.77	74	50.77	38.16	12.74	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5150	54.69	-19.31	74	46.41	31.69	6.08	29.49	110	238	P	H
		5150	47.13	-6.87	54	38.85	31.69	6.08	29.49	110	238	A	H
	*	5180	106.13	-	-	97.81	31.71	6.1	29.49	110	238	P	H
	*	5180	98.19	-	-	89.87	31.71	6.1	29.49	110	238	A	H
802.11n													H
HT20													H
CH 36		5150	53.4	-20.6	74	45.12	31.69	6.08	29.49	100	113	P	V
5180MHz		5150	44.9	-9.1	54	36.62	31.69	6.08	29.49	100	113	A	V
	*	5180	107.95	-	-	99.63	31.71	6.1	29.49	100	113	P	V
	*	5180	100.71	-	-	92.39	31.71	6.1	29.49	100	113	A	V
													V
													V
		5030.68	50.1	-23.9	74	41.93	31.62	6.02	29.47	100	236	P	H
		5057.46	40.4	-13.6	54	32.2	31.64	6.03	29.47	100	236	A	H
	*	5220	106.3	-	-	97.96	31.73	6.11	29.5	100	236	P	H
	*	5220	98.44	-	-	90.1	31.73	6.11	29.5	100	236	A	H
802.11n		5415.48	47.62	-26.38	74	39.16	31.85	6.14	29.53	100	236	P	H
HT20		5460	39.19	-14.81	54	30.68	31.87	6.18	29.54	100	236	A	H
CH 44		5134.16	49.64	-24.36	74	41.37	31.68	6.07	29.48	100	101	P	V
5220MHz		5071.76	40.39	-13.61	54	32.17	31.65	6.04	29.47	100	101	A	V
	*	5220	107.38	-	-	99.04	31.73	6.11	29.5	100	101	P	V
	*	5220	100.03	-	-	91.69	31.73	6.11	29.5	100	101	A	V
		5457.48	48.42	-25.58	74	39.91	31.87	6.18	29.54	100	101	P	V
		5457.48	39.15	-14.85	54	30.64	31.87	6.18	29.54	100	101	A	V

		5036.4	50.01	-23.99	74	41.84	31.62	6.02	29.47	100	236	P	H
		5042.64	40.32	-13.68	54	32.14	31.63	6.02	29.47	100	236	A	H
	*	5240	108.64	-	-	100.29	31.74	6.11	29.5	100	236	P	H
	*	5240	101.26	-	-	92.91	31.74	6.11	29.5	100	236	A	H
802.11n		5369.28	48.53	-25.47	74	40.12	31.82	6.12	29.53	100	236	P	H
HT20		5458.88	39.15	-14.85	54	30.64	31.87	6.18	29.54	100	236	A	H
CH 48		5021.32	49.57	-24.43	74	41.4	31.62	6.01	29.46	124	142	P	V
5240MHz		5078.78	40.27	-13.73	54	32.05	31.65	6.04	29.47	124	142	A	V
	*	5240	108.43	-	-	100.08	31.74	6.11	29.5	124	142	P	V
	*	5240	100.95	-	-	92.6	31.74	6.11	29.5	124	142	A	V
		5372.08	47.74	-26.26	74	39.33	31.82	6.12	29.53	124	142	P	V
		5456.92	39.28	-14.72	54	30.77	31.87	6.18	29.54	124	142	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. 4+5	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)
		10360	46.57	-21.63	68.2	53.86	39.76	9.91	56.96	100	0	P	H
		15540	44.65	-29.35	74	50.03	38.62	12.65	56.65	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	46.45	-21.75	68.2	53.74	39.76	9.91	56.96	100	0	P	V
5180MHz		15540	44.63	-29.37	74	50.01	38.62	12.65	56.65	100	0	P	V
													V
													V
		10440	46.65	-21.55	68.2	53.74	39.88	9.95	56.92	100	0	P	H
		15660	45.16	-28.84	74	50.62	38.33	12.72	56.51	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	46.9	-21.3	68.2	53.99	39.88	9.95	56.92	100	0	P	V
5220MHz		15660	44.38	-29.62	74	49.84	38.33	12.72	56.51	100	0	P	V
													V
													V
		10480	48.06	-20.14	68.2	55.03	39.97	9.97	56.91	100	0	P	H
		15720	44.85	-29.15	74	50.39	38.16	12.74	56.44	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	46.88	-21.32	68.2	53.85	39.97	9.97	56.91	100	0	P	V
5240MHz		15720	44.85	-29.15	74	50.39	38.16	12.74	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5150	59.74	-14.26	74	51.46	31.69	6.08	29.49	104	235	P	H
		5150	52.35	-1.65	54	44.07	31.69	6.08	29.49	104	235	A	H
	*	5190	102.1	33.9	68.2	93.78	31.71	6.1	29.49	104	235	P	H
	*	5190	95.03	41.03	54	86.71	31.71	6.1	29.49	104	235	A	H
		5399.24	47.72	-26.28	74	39.29	31.84	6.12	29.53	104	235	P	V
		5454.68	40.21	-13.79	54	31.71	31.87	6.17	29.54	104	235	A	H
		5147.42	60.15	-13.85	74	51.87	31.69	6.08	29.49	100	110	P	V
		5150	51.46	-2.54	54	43.18	31.69	6.08	29.49	100	110	A	V
	*	5190	102.34	34.14	68.2	94.02	31.71	6.1	29.49	100	110	P	V
	*	5190	95.34	41.34	54	87.02	31.71	6.1	29.49	100	110	A	V
		5408.48	48.32	-25.68	74	39.88	31.84	6.13	29.53	100	110	P	V
		5448.52	40.36	-13.64	54	31.86	31.87	6.17	29.54	100	110	A	V
		5149.76	53.06	-20.94	74	44.78	31.69	6.08	29.49	104	236	P	H
		5148.72	44.16	-9.84	54	35.88	31.69	6.08	29.49	104	236	A	H
	*	5230	106.65	-	-	98.3	31.74	6.11	29.5	104	236	P	H
	*	5230	99.65	-	-	91.3	31.74	6.11	29.5	104	236	A	H
		5361.44	51.59	-22.41	74	43.18	31.82	6.12	29.53	104	236	P	H
		5352.48	40.81	-13.19	54	32.4	31.81	6.12	29.52	104	236	A	H
		5149.24	52.21	-21.79	74	43.93	31.69	6.08	29.49	102	125	P	V
		5146.12	44.68	-9.32	54	36.4	31.69	6.08	29.49	102	125	A	V
	*	5230	107.44	-	-	99.09	31.74	6.11	29.5	102	125	P	V
	*	5230	100.4	-	-	92.05	31.74	6.11	29.5	102	125	A	V
		5424.44	48.76	-25.24	74	40.31	31.85	6.14	29.54	102	125	P	V
		5350.24	40.86	-13.14	54	32.45	31.81	6.12	29.52	102	125	A	V
802.11n HT40 CH 38 5190MHz													
802.11n HT40 CH 46 5230MHz													
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. 4+5	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)
		10380	46.06	-22.14	68.2	53.3	39.79	9.92	56.95	100	0	P	H
		15570	45.86	-28.14	74	51.29	38.53	12.66	56.62	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	46.14	-22.06	68.2	53.38	39.79	9.92	56.95	100	0	P	V
5190MHz		15570	45.09	-28.91	74	50.52	38.53	12.66	56.62	100	0	P	V
													V
													V
		10460	46.92	-21.28	68.2	53.97	39.91	9.96	56.92	100	0	P	H
		15690	44.53	-29.47	74	50.04	38.24	12.72	56.47	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	47.6	-20.6	68.2	54.65	39.91	9.96	56.92	100	0	P	V
5230MHz		15690	44	-30	74	49.51	38.24	12.72	56.47	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 4+5	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		5139.88	57.81	-16.19	74	49.53	31.69	6.08	29.49	100	236	P	H
		5143	50.9	-3.1	54	42.62	31.69	6.08	29.49	100	236	A	H
	*	5210	98.5	-	-	90.16	31.73	6.11	29.5	100	236	P	H
	*	5210	91.25	-	-	82.91	31.73	6.11	29.5	100	236	A	H
		5436.48	48.33	-25.67	74	39.85	31.86	6.16	29.54	100	236	P	H
		5446	40.02	-13.98	54	31.52	31.87	6.17	29.54	100	236	A	H
		5145.86	59.56	-14.44	74	51.28	31.69	6.08	29.49	105	120	P	V
		5145.34	51.78	-2.22	54	43.5	31.69	6.08	29.49	105	120	A	V
	*	5210	99.06	-	-	90.72	31.73	6.11	29.5	105	120	P	V
	*	5210	91.29	-	-	82.95	31.73	6.11	29.5	105	120	A	V
		5365.92	49.07	-24.93	74	40.66	31.82	6.12	29.53	105	120	P	V
		5450.48	40.1	-13.9	54	31.6	31.87	6.17	29.54	105	120	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. 4+5	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)
		10420	45.88	-22.32	68.2	53.02	39.85	9.94	56.93	100	0	P	H
		15630	44.53	-29.47	74	50	38.37	12.7	56.54	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	47.36	-20.84	68.2	54.5	39.85	9.94	56.93	100	0	P	V
5210MHz		15630	44.73	-29.27	74	50.2	38.37	12.7	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5025.5	49.76	-24.24	74	41.59	31.62	6.01	29.46	106	235	P	H
		5071.4	39.27	-14.73	54	31.06	31.64	6.04	29.47	106	235	A	H
	*	5260	108.08	-	-	99.72	31.76	6.11	29.51	106	235	P	H
	*	5260	100.86	-	-	92.5	31.76	6.11	29.51	106	235	A	H
		5368.56	48.2	-25.8	74	39.79	31.82	6.12	29.53	106	235	P	H
		5350.08	38.88	-15.12	54	30.47	31.81	6.12	29.52	106	235	A	H
		5062.22	49.43	-24.57	74	41.23	31.64	6.03	29.47	100	124	P	V
		5045.22	39.31	-14.69	54	31.13	31.63	6.02	29.47	100	124	A	V
	*	5260	107.95	-	-	99.59	31.76	6.11	29.51	100	124	P	V
	*	5260	100.55	-	-	92.19	31.76	6.11	29.51	100	124	A	V
		5435.04	48.74	-25.26	74	40.26	31.86	6.16	29.54	100	124	P	V
		5350.08	38.67	-15.33	54	30.26	31.81	6.12	29.52	100	124	A	V
802.11a CH 60 5300MHz		5067.32	48.97	-25.03	74	40.76	31.64	6.04	29.47	106	240	P	H
		5072.08	39.26	-14.74	54	31.04	31.65	6.04	29.47	106	240	A	H
	*	5300	108.08	-	-	99.7	31.78	6.11	29.51	106	240	P	H
	*	5300	100.64	-	-	92.26	31.78	6.11	29.51	106	240	A	H
		5353.44	49.02	-24.98	74	40.61	31.81	6.12	29.52	106	240	P	H
		5350.08	39.44	-14.56	54	31.03	31.81	6.12	29.52	106	240	A	H
		5010.88	49.16	-24.84	74	41	31.61	6.01	29.46	105	125	P	V
		5051.68	39.28	-14.72	54	31.09	31.63	6.03	29.47	105	125	A	V
	*	5300	107.72	-	-	99.34	31.78	6.11	29.51	105	125	P	V
	*	5300	100.22	-	-	91.84	31.78	6.11	29.51	105	125	A	V
		5358	47.9	-26.1	74	39.49	31.81	6.12	29.52	105	125	P	V
		5351.52	39.48	-14.52	54	31.07	31.81	6.12	29.52	105	125	A	V

802.11a CH 64 5320MHz	*	5320	108.63	-	-	100.24	31.79	6.12	29.52	100	237	P	H
	*	5320	100.28	-	-	91.89	31.79	6.12	29.52	100	237	A	H
		5356.32	50.98	-23.02	74	42.57	31.81	6.12	29.52	100	237	P	H
		5350.08	43.61	-10.39	54	35.2	31.81	6.12	29.52	100	237	A	H
													H
													H
	*	5320	107.38	-	-	98.99	31.79	6.12	29.52	100	126	P	V
	*	5320	100	-	-	91.61	31.79	6.12	29.52	100	126	A	V
		5354.24	51.4	-22.6	74	42.99	31.81	6.12	29.52	100	126	P	V
		5352.8	42.49	-11.51	54	34.08	31.81	6.12	29.52	100	126	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+5	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	46.53	-21.67	68.2	53.39	40.02	10	56.88	100	0	P	H
		15780	46.01	-27.99	74	51.55	38.04	12.78	56.36	100	0	P	H
													H
													H
		10520	46.86	-21.34	68.2	53.72	40.02	10	56.88	100	0	P	V
		15780	45.65	-28.35	74	51.19	38.04	12.78	56.36	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	47.01	-26.99	74	53.69	40.1	10.04	56.82	100	0	P	H
		15900	45.36	-28.64	74	50.99	37.75	12.84	56.22	100	0	P	H
													H
													H
		10600	46.65	-27.35	74	53.33	40.1	10.04	56.82	100	0	P	V
		15900	45.74	-28.26	74	51.37	37.75	12.84	56.22	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	47.85	-26.15	74	54.45	40.14	10.05	56.79	100	0	P	H
		15960	44.58	-29.42	74	50.28	37.58	12.87	56.15	100	0	P	H
													H
													H
		10640	47.55	-26.45	74	54.15	40.14	10.05	56.79	100	0	P	V
		15960	44.55	-29.45	74	50.25	37.58	12.87	56.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5027.2	49.71	-24.29	74	41.54	31.62	6.01	29.46	107	236	P	H
		5102	40.74	-13.26	54	32.5	31.66	6.06	29.48	107	236	A	H
	*	5260	109.79	-	-	101.43	31.76	6.11	29.51	107	236	P	H
	*	5260	102.41	-	-	94.05	31.76	6.11	29.51	107	236	A	H
802.11n		5454.96	48.21	-25.79	74	39.71	31.87	6.17	29.54	107	236	P	H
HT20		5352	39.62	-14.38	54	31.21	31.81	6.12	29.52	107	236	A	H
CH 52		5030.6	49.69	-24.31	74	41.52	31.62	6.02	29.47	116	144	P	V
5260MHz		5043.52	40.67	-13.33	54	32.49	31.63	6.02	29.47	116	144	A	V
	*	5260	108.91	-	-	100.55	31.76	6.11	29.51	116	144	P	V
	*	5260	101.01	-	-	92.65	31.76	6.11	29.51	116	144	A	V
		5440.8	48.06	-25.94	74	39.58	31.86	6.16	29.54	116	144	P	V
		5457.36	39.6	-14.4	54	31.09	31.87	6.18	29.54	116	144	A	V
		5049.64	50.94	-23.06	74	42.75	31.63	6.03	29.47	105	237	P	H
		5019.72	40.63	-13.37	54	32.47	31.61	6.01	29.46	105	237	A	H
	*	5300	110.08	-	-	101.7	31.78	6.11	29.51	105	237	P	H
	*	5300	102.61	-	-	94.23	31.78	6.11	29.51	105	237	A	H
802.11n		5367.6	50.05	-23.95	74	41.64	31.82	6.12	29.53	105	237	P	H
HT20		5350.8	40.95	-13.05	54	32.54	31.81	6.12	29.52	105	237	A	H
CH 60		5086.02	48.7	-25.3	74	40.48	31.65	6.05	29.48	106	143	P	V
5300MHz		5055.76	40.53	-13.47	54	32.33	31.64	6.03	29.47	106	143	A	V
	*	5300	110.3	-	-	101.92	31.78	6.11	29.51	106	143	P	V
	*	5300	101.89	-	-	93.51	31.78	6.11	29.51	106	143	A	V
		5354.16	48.97	-25.03	74	40.56	31.81	6.12	29.52	106	143	P	V
		5351.52	40.58	-13.42	54	32.17	31.81	6.12	29.52	106	143	A	V

	*	5320	109.65	-	-	101.26	31.79	6.12	29.52	100	236	P	H
	*	5320	102.47	-	-	94.08	31.79	6.12	29.52	100	236	A	H
		5350.08	54.07	-19.93	74	45.66	31.81	6.12	29.52	100	236	P	H
		5350.32	45.34	-8.66	54	36.93	31.81	6.12	29.52	100	236	A	H
802.11n													H
HT20													H
CH 64	*	5320	108.64	-	-	100.25	31.79	6.12	29.52	100	145	P	V
5320MHz	*	5320	101.33	-	-	92.94	31.79	6.12	29.52	100	145	A	V
		5358	50.86	-23.14	74	42.45	31.81	6.12	29.52	100	145	P	V
		5350.32	43.36	-10.64	54	34.95	31.81	6.12	29.52	100	145	A	V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		10520	46.94	-21.26	68.2	53.8	40.02	10	56.88	100	0	P	H
		15780	45.89	-28.11	74	51.43	38.04	12.78	56.36	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	47.06	-21.14	68.2	53.92	40.02	10	56.88	100	0	P	V
5260MHz		15780	45.21	-28.79	74	50.75	38.04	12.78	56.36	100	0	P	V
													V
													V
		10600	48.14	-25.86	74	54.82	40.1	10.04	56.82	100	0	P	H
		15900	45.58	-28.42	74	51.21	37.75	12.84	56.22	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	45.76	-28.24	74	52.44	40.1	10.04	56.82	100	0	P	V
5300MHz		15900	45.76	-28.24	74	51.39	37.75	12.84	56.22	100	0	P	V
													V
													V
		10640	47.23	-26.77	74	53.83	40.14	10.05	56.79	100	0	P	H
		15960	45.12	-28.88	74	50.82	37.58	12.87	56.15	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	47.3	-26.7	74	53.9	40.14	10.05	56.79	100	0	P	V
5320MHz		15960	45.89	-28.11	74	51.59	37.58	12.87	56.15	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5131.58	49.72	-24.28	74	41.45	31.68	6.07	29.48	100	236	P	H
		5056.44	41.1	-12.9	54	32.9	31.64	6.03	29.47	100	236	A	H
	*	5270	108.34	-	-	99.98	31.76	6.11	29.51	100	236	P	H
	*	5270	100.8	-	-	92.44	31.76	6.11	29.51	100	236	A	H
802.11n		5351.52	54.3	-19.7	74	45.89	31.81	6.12	29.52	100	236	P	H
HT40		5350.08	47.21	-6.79	54	38.8	31.81	6.12	29.52	100	236	A	H
CH 54		5102.68	49.28	-24.72	74	41.04	31.66	6.06	29.48	108	126	P	V
5270MHz		5082.96	41.11	-12.89	54	32.88	31.65	6.05	29.47	108	126	A	V
	*	5270	108.13	-	-	99.77	31.76	6.11	29.51	108	126	P	V
	*	5270	100.59	-	-	92.23	31.76	6.11	29.51	108	126	A	V
		5353.2	54.29	-19.71	74	45.88	31.81	6.12	29.52	108	126	P	V
		5352.48	46.78	-7.22	54	38.37	31.81	6.12	29.52	108	126	A	V
		5002.04	49.29	-24.71	74	41.15	31.6	6	29.46	100	236	P	H
		5079.22	41.26	-12.74	54	33.04	31.65	6.04	29.47	100	236	A	H
	*	5310	105.67	-	-	97.28	31.79	6.12	29.52	100	236	P	H
	*	5310	98.07	-	-	89.68	31.79	6.12	29.52	100	236	A	H
802.11n		5354.16	59.09	-14.91	74	50.68	31.81	6.12	29.52	100	236	P	H
HT40		5351.28	50.58	-3.42	54	42.17	31.81	6.12	29.52	100	236	A	H
CH 62		5041.48	49.86	-24.14	74	41.68	31.63	6.02	29.47	100	126	P	V
5310MHz		5103.7	41.13	-12.87	54	32.89	31.66	6.06	29.48	100	126	A	V
	*	5310	105.27	-	-	96.88	31.79	6.12	29.52	100	126	P	V
	*	5310	97.79	-	-	89.4	31.79	6.12	29.52	100	126	A	V
		5353.68	60.18	-13.82	74	51.77	31.81	6.12	29.52	100	126	P	V
		5352	50.94	-3.06	54	42.53	31.81	6.12	29.52	100	126	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. 4+5	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)
		10540	46.13	-22.07	68.2	52.96	40.03	10.01	56.87	100	0	P	H
		15810	44.87	-29.13	74	50.44	37.96	12.8	56.33	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	46.45	-21.75	68.2	53.28	40.03	10.01	56.87	100	0	P	V
5270MHz		15810	45.38	-28.62	74	50.95	37.96	12.8	56.33	100	0	P	V
													V
													V
		10620	46.78	-27.22	74	53.42	40.12	10.04	56.8	100	0	P	H
		15930	45.07	-28.93	74	50.72	37.67	12.86	56.18	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	47	-27	74	53.64	40.12	10.04	56.8	100	0	P	V
5310MHz		15930	44.99	-29.01	74	50.64	37.67	12.86	56.18	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 4+5	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		5019.72	49.09	-24.91	74	40.93	31.61	6.01	29.46	100	237	P	H
		5103.02	41.12	-12.88	54	32.88	31.66	6.06	29.48	100	237	A	H
	*	5290	102.48	-	-	94.11	31.77	6.11	29.51	100	237	P	H
	*	5290	95.29	-	-	86.92	31.77	6.11	29.51	100	237	A	H
		5354.4	58.43	-15.57	74	50.02	31.81	6.12	29.52	100	237	P	H
		5353.2	50.79	-3.21	54	42.38	31.81	6.12	29.52	100	237	A	H
		5043.18	49.34	-24.66	74	41.16	31.63	6.02	29.47	105	125	P	V
		5089.76	40.93	-13.07	54	32.7	31.66	6.05	29.48	105	125	A	V
	*	5290	101.96	-	-	93.59	31.77	6.11	29.51	105	125	P	V
	*	5290	94.08	-	-	85.71	31.77	6.11	29.51	105	125	A	V
		5352.96	57.02	-16.98	74	48.61	31.81	6.12	29.52	105	125	P	V
		5352.96	50.51	-3.49	54	42.1	31.81	6.12	29.52	105	125	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. 4+5	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)
		10580	46.12	-22.08	68.2	52.84	40.09	10.03	56.84	100	0	P	H
		15870	45.46	-28.54	74	51.11	37.79	12.82	56.26	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	45.77	-22.43	68.2	52.49	40.09	10.03	56.84	100	0	P	V
5290MHz		15870	46.51	-27.49	74	52.16	37.79	12.82	56.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5430.32	48.4	-25.6	74	39.93	31.86	6.15	29.54	100	81	P	H
		5469.2	49.05	-19.15	68.2	40.52	31.88	6.19	29.54	100	81	P	H
		5459.6	39.03	-14.97	54	30.52	31.87	6.18	29.54	100	81	A	H
	*	5500	104.11	-	-	95.54	31.9	6.22	29.55	100	81	P	H
	*	5500	96.11	-	-	87.54	31.9	6.22	29.55	100	81	A	H
													H
		5438.16	48.81	-25.19	74	40.33	31.86	6.16	29.54	115	114	P	V
		5470	52.13	-16.07	68.2	43.6	31.88	6.19	29.54	115	114	P	V
		5458.96	39.4	-14.6	54	30.89	31.87	6.18	29.54	115	114	A	V
	*	5500	105.66	-	-	97.09	31.9	6.22	29.55	115	114	P	V
	*	5500	98.25	-	-	89.68	31.9	6.22	29.55	115	114	A	V
													V
802.11a CH 116 5580MHz		5391.52	47.77	-26.23	74	39.35	31.83	6.12	29.53	104	76	P	H
		5464.48	47.36	-20.84	68.2	38.84	31.88	6.18	29.54	104	76	P	H
		5459.92	38.51	-15.49	54	30	31.87	6.18	29.54	104	76	A	H
	*	5580	104.68	-	-	95.93	32	6.3	29.55	104	76	P	H
	*	5580	97.24	-	-	88.49	32	6.3	29.55	104	76	A	H
		5738.225	47.9	-20.3	68.2	38.83	32.24	6.38	29.55	104	76	P	H
		5441.92	47.56	-26.44	74	39.08	31.86	6.16	29.54	106	100	P	V
		5465.92	47.29	-20.91	68.2	38.76	31.88	6.19	29.54	106	100	P	V
		5458.72	38.55	-15.45	54	30.04	31.87	6.18	29.54	106	100	A	V
	*	5580	106	-	-	97.25	32	6.3	29.55	106	100	P	V
	*	5580	98.75	-	-	90	32	6.3	29.55	106	100	A	V
		5740.745	48.4	-19.8	68.2	39.33	32.24	6.38	29.55	106	100	P	V

802.11a CH 140 5700MHz	*	5700	104.93	-	-	95.95	32.17	6.36	29.55	100	74	P	H
	*	5700	97.69	-	-	88.71	32.17	6.36	29.55	100	74	A	H
		5728.76	56.58	-11.62	68.2	47.55	32.21	6.37	29.55	100	74	P	H
													H
													H
													H
	*	5700	107.85	-	-	98.87	32.17	6.36	29.55	100	124	P	V
	*	5700	99.45	-	-	90.47	32.17	6.36	29.55	100	124	A	V
		5726.68	57.6	-10.6	68.2	48.57	32.21	6.37	29.55	100	124	P	V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+5	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	48.85	-25.15	74	54.63	40.5	10.22	56.5	100	0	P	H
		16500	46.79	-21.41	68.2	50.3	39.4	12.79	55.7	100	0	P	H
													H
													H
		11000	47.22	-26.78	74	53	40.5	10.22	56.5	100	0	P	V
		16500	47.33	-20.87	68.2	50.84	39.4	12.79	55.7	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.92	-26.08	74	53.76	40.3	10.3	56.44	100	0	P	H
		16740	47.7	-20.5	68.2	51.16	39.69	12.74	55.89	100	0	P	H
													H
													H
		11160	47.36	-26.64	74	53.2	40.3	10.3	56.44	100	0	P	V
		16740	48.32	-19.88	68.2	51.78	39.69	12.74	55.89	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	46.83	-27.17	74	52.73	40.02	10.42	56.34	100	0	P	H
		17100	47.76	-20.44	68.2	50.9	40.36	12.8	56.3	100	0	P	H
													H
													H
		11400	47.57	-26.43	74	53.47	40.02	10.42	56.34	100	0	P	V
		17100	47.82	-20.38	68.2	50.96	40.36	12.8	56.3	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5448.72	48.34	-25.66	74	39.84	31.87	6.17	29.54	105	233	P	H
		5463.76	52.31	-15.89	68.2	43.79	31.88	6.18	29.54	105	233	P	H
		5459.92	40.67	-13.33	54	32.16	31.87	6.18	29.54	105	233	A	H
	*	5500	104.83	-	-	96.26	31.9	6.22	29.55	105	233	P	H
802.11n	*	5500	97.26	-	-	88.69	31.9	6.22	29.55	105	233	A	H
HT20													H
CH 100		5459.12	50.01	-23.99	74	41.5	31.87	6.18	29.54	119	137	P	V
5500MHz		5468.08	53.89	-14.31	68.2	45.36	31.88	6.19	29.54	119	137	P	V
		5459.92	41.51	-12.49	54	33	31.87	6.18	29.54	119	137	A	V
	*	5500	107.33	-	-	98.76	31.9	6.22	29.55	119	137	P	V
	*	5500	99.77	-	-	91.2	31.9	6.22	29.55	119	137	A	V
													V
		5410.96	48.81	-25.19	74	40.37	31.84	6.13	29.53	100	234	P	H
		5470	47.04	-21.16	68.2	38.51	31.88	6.19	29.54	100	234	P	H
		5454.16	39.3	-14.7	54	30.8	31.87	6.17	29.54	100	234	A	H
	*	5580	103.35	-	-	94.6	32	6.3	29.55	100	234	P	H
802.11n	*	5580	95.5	-	-	86.75	32	6.3	29.55	100	234	A	H
HT20		5727.515	49.44	-18.76	68.2	40.41	32.21	6.37	29.55	100	234	P	H
CH 116		5441.68	48.45	-25.55	74	39.97	31.86	6.16	29.54	108	101	P	V
5580MHz		5462.32	47.91	-20.29	68.2	39.4	31.87	6.18	29.54	108	101	P	V
		5459.2	39.58	-14.42	54	31.07	31.87	6.18	29.54	108	101	A	V
	*	5580	106.78	-	-	98.03	32	6.3	29.55	108	101	P	V
	*	5580	99.53	-	-	90.78	32	6.3	29.55	108	101	A	V
		5745.155	47.83	-20.37	68.2	38.76	32.24	6.38	29.55	108	101	P	V

	*	5700	105.6	-	-	96.62	32.17	6.36	29.55	109	62	P	H
	*	5700	98.39	-	-	89.41	32.17	6.36	29.55	109	62	A	H
		5725.08	54.02	-14.18	68.2	44.99	32.21	6.37	29.55	109	62	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	106.89	-	-	97.91	32.17	6.36	29.55	100	127	P	V
5700MHz	*	5700	99.4	-	-	90.42	32.17	6.36	29.55	100	127	A	V
		5727.08	59.38	-8.82	68.2	50.35	32.21	6.37	29.55	100	127	P	V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		11000	47.23	-26.77	74	53.01	40.5	10.22	56.5	100	0	P	H
		16500	46.87	-21.33	68.2	50.38	39.4	12.79	55.7	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	46.75	-27.25	74	52.53	40.5	10.22	56.5	100	0	P	V
5500MHz		16500	47.95	-20.25	68.2	51.46	39.4	12.79	55.7	100	0	P	V
													V
													V
		11160	47.02	-26.98	74	52.86	40.3	10.3	56.44	100	0	P	H
		16740	47.52	-20.68	68.2	50.98	39.69	12.74	55.89	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	47.67	-26.33	74	53.51	40.3	10.3	56.44	100	0	P	V
5580MHz		16740	49.41	-18.79	68.2	52.87	39.69	12.74	55.89	100	0	P	V
													V
													V
		11400	46.25	-27.75	74	52.15	40.02	10.42	56.34	100	0	P	H
		17100	49.02	-19.18	68.2	52.16	40.36	12.8	56.3	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	47.1	-26.9	74	53	40.02	10.42	56.34	100	0	P	V
5700MHz		17100	49.28	-18.92	68.2	52.42	40.36	12.8	56.3	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5458.48	56.93	-17.07	74	48.42	31.87	6.18	29.54	100	143	P	H
		5467.36	60.52	-7.68	68.2	51.99	31.88	6.19	29.54	100	143	P	H
		5457.52	51.28	-2.72	54	42.77	31.87	6.18	29.54	100	143	A	H
	*	5510	103.19	-	-	94.61	31.9	6.23	29.55	100	143	P	H
802.11n	*	5510	95.1	-	-	86.52	31.9	6.23	29.55	100	143	A	H
HT40		5730.35	48.99	-19.21	68.2	39.96	32.21	6.37	29.55	100	143	P	H
CH 102		5457.28	58.12	-15.88	74	49.61	31.87	6.18	29.54	100	84	P	V
5510MHz		5465.44	61.92	-6.28	68.2	53.39	31.88	6.19	29.54	100	84	P	V
		5459.92	50.73	-3.27	54	42.22	31.87	6.18	29.54	100	84	A	V
	*	5510	104.85	-	-	96.27	31.9	6.23	29.55	100	84	P	V
	*	5510	97.35	-	-	88.77	31.9	6.23	29.55	100	84	A	V
		5744.84	48.56	-19.64	68.2	39.49	32.24	6.38	29.55	100	84	P	V
		5451.52	50.91	-23.09	74	42.41	31.87	6.17	29.54	101	239	P	H
		5468.8	52.24	-15.96	68.2	43.71	31.88	6.19	29.54	101	239	P	H
		5451.28	42.25	-11.75	54	33.75	31.87	6.17	29.54	101	239	A	H
	*	5550	105.94	-	-	97.25	31.97	6.27	29.55	101	239	P	H
802.11n	*	5550	98.1	-	-	89.41	31.97	6.27	29.55	101	239	A	H
HT40		5730.035	49.11	-19.09	68.2	40.08	32.21	6.37	29.55	101	239	P	H
CH 110		5454.64	51.46	-22.54	74	42.96	31.87	6.17	29.54	112	122	P	V
5550MHz		5469.76	54.64	-13.56	68.2	46.11	31.88	6.19	29.54	112	122	P	V
		5454.64	44.17	-9.83	54	35.67	31.87	6.17	29.54	112	122	A	V
	*	5550	109.95	-	-	101.26	31.97	6.27	29.55	112	122	P	V
	*	5550	101.3	-	-	92.61	31.97	6.27	29.55	112	122	A	V
		5727.2	48.09	-20.11	68.2	39.06	32.21	6.37	29.55	112	122	P	V

		5459.2	47.39	-26.61	74	38.88	31.87	6.18	29.54	100	253	P	H
		5460.6	46.78	-21.42	68.2	38.27	31.87	6.18	29.54	100	253	P	H
		5458.85	39.88	-14.12	54	31.37	31.87	6.18	29.54	100	253	A	H
	*	5670	105.03	-	-	96.09	32.14	6.35	29.55	100	253	P	H
802.11n	*	5670	97.05	-	-	88.11	32.14	6.35	29.55	100	253	A	H
HT40		5728.775	59.75	-8.45	68.2	50.72	32.21	6.37	29.55	100	253	P	H
CH 134		5417.9	47.94	-26.06	74	39.49	31.85	6.14	29.54	101	128	P	V
5670MHz		5462.35	48.41	-19.79	68.2	39.9	31.87	6.18	29.54	101	128	P	V
		5457.45	40.22	-13.78	54	31.71	31.87	6.18	29.54	101	128	A	V
	*	5670	108.09	-	-	99.15	32.14	6.35	29.55	101	128	P	V
	*	5670	99.85	-	-	90.91	32.14	6.35	29.55	101	128	A	V
		5727.515	59.57	-8.63	68.2	50.54	32.21	6.37	29.55	101	128	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. 4+5	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)
		11020	47.28	-26.72	74	53.06	40.48	10.23	56.49	100	0	P	H
		16530	45.8	-22.4	68.2	49.29	39.44	12.79	55.72	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	47.25	-26.75	74	53.03	40.48	10.23	56.49	100	0	P	V
5510MHz		16530	46.39	-21.81	68.2	49.88	39.44	12.79	55.72	100	0	P	V
													V
													V
		11100	47.29	-26.71	74	53.1	40.38	10.27	56.46	100	0	P	H
		16650	46.78	-21.42	68.2	50.24	39.59	12.77	55.82	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	46.4	-27.6	74	52.21	40.38	10.27	56.46	100	0	P	V
5550MHz		16650	47.14	-21.06	68.2	50.6	39.59	12.77	55.82	100	0	P	V
													V
													V
		11340	46.93	-27.07	74	52.8	40.1	10.39	56.36	100	0	P	H
		17010	47.31	-20.89	68.2	50.67	40.06	12.7	56.12	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	46.67	-27.33	74	52.54	40.1	10.39	56.36	100	0	P	V
5670MHz		17010	47.29	-20.91	68.2	50.65	40.06	12.7	56.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5458.72	59.44	-14.56	74	50.93	31.87	6.18	29.54	100	68	P	H
		5461.6	57.6	-10.6	68.2	49.09	31.87	6.18	29.54	100	68	P	H
		5459.44	50.57	-3.43	54	42.06	31.87	6.18	29.54	100	68	A	H
	*	5530	99.88	-	-	91.26	31.92	6.25	29.55	100	68	P	H
802.11ac	*	5530	91.38	-	-	82.76	31.92	6.25	29.55	100	68	A	H
VHT80		5734.445	48.24	-19.96	68.2	39.21	32.21	6.37	29.55	100	68	P	H
CH 106		5456.8	60.19	-13.81	74	51.68	31.87	6.18	29.54	100	111	P	V
5530MHz		5468.32	58.13	-10.07	68.2	49.6	31.88	6.19	29.54	100	111	P	V
		5457.76	51.62	-2.38	54	43.11	31.87	6.18	29.54	100	111	A	V
	*	5530	101.46	-	-	92.84	31.92	6.25	29.55	100	111	P	V
	*	5530	93.24	-	-	84.62	31.92	6.25	29.55	100	111	A	V
		5738.855	48.97	-19.23	68.2	39.9	32.24	6.38	29.55	100	111	P	V
		5451.5	51.37	-22.63	74	42.87	31.87	6.17	29.54	100	51	P	H
		5470	51.54	-16.66	68.2	43.01	31.88	6.19	29.54	100	51	P	H
		5450.45	43.61	-10.39	54	35.11	31.87	6.17	29.54	100	51	A	H
	*	5610	104.54	-	-	95.73	32.04	6.32	29.55	100	51	P	H
802.11ac	*	5610	95.83	-	-	87.02	32.04	6.32	29.55	100	51	A	H
VHT80		5730.98	56.4	-11.8	68.2	47.37	32.21	6.37	29.55	100	51	P	H
CH 122		5459.9	51.93	-22.07	74	43.42	31.87	6.18	29.54	100	110	P	V
5610MHz		5465.5	55.23	-12.97	68.2	46.7	31.88	6.19	29.54	100	110	P	V
		5443.8	44.99	-9.01	54	36.51	31.86	6.16	29.54	100	110	A	V
	*	5610	105.44	-	-	96.63	32.04	6.32	29.55	100	110	P	V
	*	5610	97.23	-	-	88.42	32.04	6.32	29.55	100	110	A	V
		5728.145	56.75	-11.45	68.2	47.72	32.21	6.37	29.55	100	110	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. 4+5	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)
		11060	46.64	-27.36	74	52.45	40.42	10.25	56.48	100	0	P	H
		16590	46.48	-21.72	68.2	49.98	39.5	12.77	55.77	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.37	-26.63	74	53.18	40.42	10.25	56.48	100	0	P	V
5530MHz		16590	46.67	-21.53	68.2	50.17	39.5	12.77	55.77	100	0	P	V
													V
													V
		11220	46.28	-27.72	74	52.12	40.24	10.33	56.41	100	0	P	H
		16830	46.74	-21.46	68.2	50.18	39.79	12.73	55.96	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	46.32	-27.68	74	52.16	40.24	10.33	56.41	100	0	P	V
5610MHz		16830	46.31	-21.89	68.2	49.75	39.79	12.73	55.96	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5457.64	47.54	-26.46	74	39.03	31.87	6.18	29.54	105	73	P	H
		5465.44	47.75	-20.45	68.2	39.22	31.88	6.19	29.54	105	73	P	H
		5459.98	38.44	-15.56	54	29.93	31.87	6.18	29.54	105	73	A	H
	*	5720	105.26	-	-	96.23	32.21	6.37	29.55	105	73	P	H
	*	5720	98.06	-	-	89.03	32.21	6.37	29.55	105	73	A	H
		5871.5	49.21	-18.99	68.2	39.88	32.43	6.46	29.56	105	73	P	H
		5428.78	48.6	-25.4	74	40.13	31.86	6.15	29.54	100	125	P	V
		5467.39	47.09	-21.11	68.2	38.56	31.88	6.19	29.54	100	125	P	V
		5459.2	38.48	-15.52	54	29.97	31.87	6.18	29.54	100	125	A	V
	*	5720	107.97	-	-	98.94	32.21	6.37	29.55	100	125	P	V
	*	5720	99.63	-	-	90.6	32.21	6.37	29.55	100	125	A	V
		5926.5	49.18	-19.02	68.2	39.74	32.5	6.5	29.56	100	125	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 (Harmonic @ 3m)

WIFI Ant. 4+5	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	47.43	-26.57	74	53.34	39.98	10.43	56.32	100	0	P	H
		17160	48.62	-19.58	68.2	51.58	40.6	12.86	56.42	100	0	P	H
													H
													H
		11440	47.09	-26.91	74	53	39.98	10.43	56.32	100	0	P	V
		17160	48.65	-19.55	68.2	51.61	40.6	12.86	56.42	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 4+5	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		5436.19	49.04	-24.96	74	40.56	31.86	6.16	29.54	100	62	P	H
		5460.76	47.87	-20.33	68.2	39.36	31.87	6.18	29.54	100	62	P	H
		5459.2	39.35	-14.65	54	30.84	31.87	6.18	29.54	100	62	A	H
	*	5720	105.85	-	-	96.82	32.21	6.37	29.55	100	62	P	H
	*	5720	98.57	-	-	89.54	32.21	6.37	29.55	100	62	A	H
		5922	49.12	-19.08	68.2	39.68	32.5	6.5	29.56	100	62	P	H
		5437.75	48.99	-25.01	74	40.51	31.86	6.16	29.54	100	129	P	V
		5465.83	48.59	-19.61	68.2	40.06	31.88	6.19	29.54	100	129	P	V
		5451.79	39.55	-14.45	54	31.05	31.87	6.17	29.54	100	129	A	V
	*	5720	106.99	-	-	97.96	32.21	6.37	29.55	100	129	P	V
	*	5720	99.33	-	-	90.3	32.21	6.37	29.55	100	129	A	V
		5861.75	49.51	-18.69	68.2	40.21	32.41	6.45	29.56	100	129	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 (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		11440	47.02	-26.98	74	52.93	39.98	10.43	56.32	100	0	P	H
		17160	48.83	-19.37	68.2	51.79	40.6	12.86	56.42	100	0	P	H
802.11n													H
HT20													H
CH 144		11440	47.72	-26.28	74	53.63	39.98	10.43	56.32	100	0	P	V
5720MHz		17160	48.22	-19.98	68.2	51.18	40.6	12.86	56.42	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 4+5	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		5430.73	47.93	-26.07	74	39.46	31.86	6.15	29.54	100	253	P	H
		5466.61	47.82	-20.38	68.2	39.29	31.88	6.19	29.54	100	253	P	H
		5449.06	39.89	-14.11	54	31.39	31.87	6.17	29.54	100	253	A	H
	*	5710	105.05	-	-	96.05	32.19	6.36	29.55	100	253	P	H
	*	5710	97.28	-	-	88.28	32.19	6.36	29.55	100	253	A	H
		5907.5	49.94	-18.26	68.2	40.53	32.48	6.49	29.56	100	253	P	H
		5423.71	48.06	-25.94	74	39.61	31.85	6.14	29.54	100	340	P	V
		5469.73	47.74	-20.46	68.2	39.21	31.88	6.19	29.54	100	340	P	V
		5427.61	40.37	-13.63	54	31.91	31.85	6.15	29.54	100	340	A	V
	*	5710	107.55	-	-	98.55	32.19	6.36	29.55	100	340	P	V
	*	5710	99.59	-	-	90.59	32.19	6.36	29.55	100	340	A	V
		5907.25	49.06	-19.14	68.2	39.65	32.48	6.49	29.56	100	340	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 (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		11420	46.27	-27.73	74	52.18	40	10.42	56.33	100	0	P	H
		17130	48.82	-19.38	68.2	51.86	40.48	12.84	56.36	100	0	P	H
802.11n													H
HT40													H
CH 142		11420	48.05	-25.95	74	53.96	40	10.42	56.33	100	0	P	V
5710MHz		17130	48.65	-19.55	68.2	51.69	40.48	12.84	56.36	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5458.03	49.28	-24.72	74	40.77	31.87	6.18	29.54	100	63	P	H
		5460.37	48.59	-19.61	68.2	40.08	31.87	6.18	29.54	100	63	P	H
		5459.98	40.51	-13.49	54	32	31.87	6.18	29.54	100	63	A	H
	*	5690	103.56	-	-	94.58	32.17	6.36	29.55	100	63	P	H
802.11ac	*	5690	95.62	-	-	86.64	32.17	6.36	29.55	100	63	A	H
VHT80		5858.2	52.01	-16.19	68.2	42.71	32.41	6.45	29.56	100	63	P	H
CH 138		5389	47.59	-26.41	74	39.17	31.83	6.12	29.53	100	127	P	V
5690MHz		5461.54	48.13	-20.07	68.2	39.62	31.87	6.18	29.54	100	127	P	V
		5459.59	40.92	-13.08	54	32.41	31.87	6.18	29.54	100	127	A	V
	*	5690	105.82	-	-	96.84	32.17	6.36	29.55	100	127	P	V
	*	5690	97.65	-	-	88.67	32.17	6.36	29.55	100	127	A	V
		5855.5	51.23	-16.97	68.2	41.94	32.41	6.44	29.56	100	127	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 (Harmonic @ 3m)

WIFI Ant. 4+5	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)
		11380	46.1	-27.9	74	52	40.04	10.41	56.35	100	0	P	H
		17070	47.42	-20.78	68.2	50.65	40.24	12.77	56.24	100	0	P	H
802.11ac													H
VHT80													H
CH 138		11380	46.51	-27.49	74	52.41	40.04	10.41	56.35	100	0	P	V
5690MHz		17070	47.77	-20.43	68.2	51	40.24	12.77	56.24	100	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Emission below 1GHz

WIFI 802.11n HT40 (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.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		94.99	28.25	-15.25	43.5	44.69	15	0.78	32.22	-	-	P	H
		129.91	30.05	-13.45	43.5	43.96	17.3	0.98	32.19	-	-	P	H
		190.05	30	-13.5	43.5	46.54	14.4	1.21	32.15	-	-	P	H
		571.26	27.55	-18.45	46	32.17	25.55	2.05	32.22	-	-	P	H
		739.07	32.31	-13.69	46	34.34	27.66	2.32	32.01	-	-	P	H
		949.56	33.66	-12.34	46	31.52	30.47	2.66	30.99	100	0	P	H
													H
													H
													H
													H
													H
													H
		41.64	33.19	-6.81	40	46.45	18.51	0.52	32.29	100	0	P	V
		66.86	31.67	-8.33	40	51.42	11.86	0.65	32.26	-	-	P	V
		119.24	28.44	-15.06	43.5	42.59	17.1	0.95	32.2	-	-	P	V
		568.35	27.63	-18.37	46	32.18	25.63	2.04	32.22	-	-	P	V
		832.19	32.6	-13.4	46	33.44	28.34	2.56	31.74	-	-	P	V
		956.35	33.86	-12.14	46	31.48	30.63	2.68	30.93	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

<Wireless Charging Mode>

Band 1 - 5150~5250MHz

WIFI 802.11n HT40 (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.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5147.42	57.49	-16.51	74	49.21	31.69	6.08	29.49	192	292	P	H
		5150	51.93	-2.07	54	43.65	31.69	6.08	29.49	192	292	A	H
	*	5190	101.48	-	-	93.16	31.71	6.1	29.49	192	292	P	H
	*	5190	94.73	-	-	86.41	31.71	6.1	29.49	192	292	A	H
		5448.24	48.22	-25.78	74	39.72	31.87	6.17	29.54	192	292	P	H
		5454.96	40.11	-13.89	54	31.61	31.87	6.17	29.54	192	292	A	H
		5149.5	57.3	-16.7	74	49.02	31.69	6.08	29.49	271	26	P	V
		5150	52.46	-1.54	54	44.18	31.69	6.08	29.49	271	26	A	V
	*	5190	103.06	-	-	94.74	31.71	6.1	29.49	271	26	P	V
	*	5190	95.91	-	-	87.59	31.71	6.1	29.49	271	26	A	V
		5379.64	47.9	-26.1	74	39.48	31.83	6.12	29.53	271	26	P	V
		5447.4	39.98	-14.02	54	31.48	31.87	6.17	29.54	271	26	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. 4+5	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)
		10380	45.62	-22.58	68.2	52.86	39.79	9.92	56.95	100	0	P	H
		15570	44.93	-29.07	74	50.36	38.53	12.66	56.62	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	45.22	-22.98	68.2	52.46	39.79	9.92	56.95	100	0	P	V
5190MHz		15570	45.08	-28.92	74	50.51	38.53	12.66	56.62	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		30	23.04	-16.96	40	30.17	24.7	0.46	32.29	-	-	P	H
		124.09	33.64	-9.86	43.5	47.67	17.2	0.96	32.19	100	0	P	H
		181.32	32.67	-10.83	43.5	49.15	14.5	1.17	32.15	-	-	P	H
		478.14	28.63	-17.37	46	35.83	23.16	1.81	32.17	-	-	P	H
		744.89	32.09	-13.91	46	33.97	27.8	2.32	32	-	-	P	H
		936.95	35.02	-10.98	46	33.65	29.82	2.65	31.1	-	-	P	H
													H
													H
													H
													H
													H
													H
		39.7	33.75	-6.25	40	45.91	19.61	0.52	32.29	100	0	P	V
		62.98	30.16	-9.84	40	50.31	11.5	0.62	32.27	-	-	P	V
		121.18	30.42	-13.08	43.5	44.55	17.12	0.95	32.2	-	-	P	V
		260.86	29.69	-16.31	46	40.79	19.68	1.37	32.15	-	-	P	V
		584.84	33.72	-12.28	46	38.56	25.3	2.09	32.23	-	-	P	V
		889.42	34.56	-11.44	46	34.81	28.6	2.61	31.46	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

Note symbol

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

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.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		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 Plots

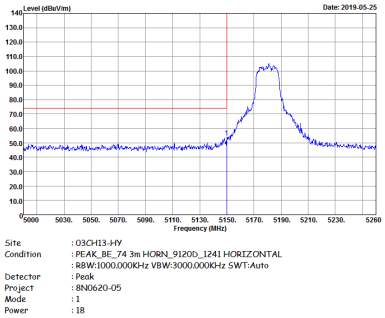
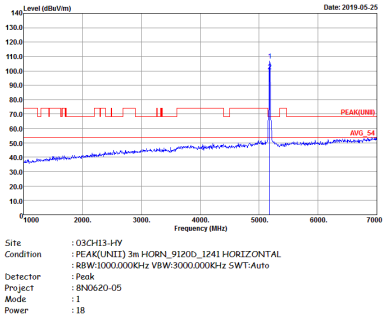
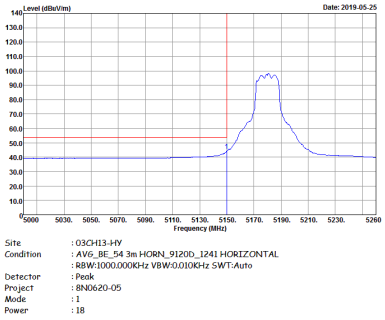
Test Engineer :	Andy Yang, JC Liang, Wilson Wu	**Temperature :**	25~25°C
		Relative Humidity :	48~50%

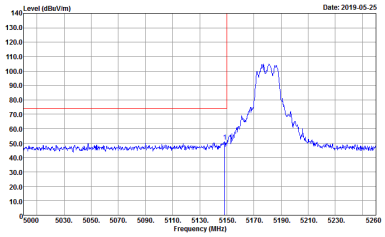
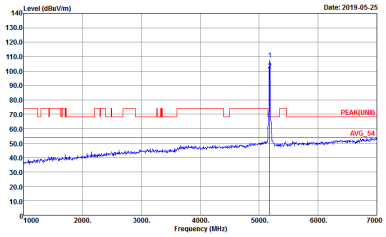
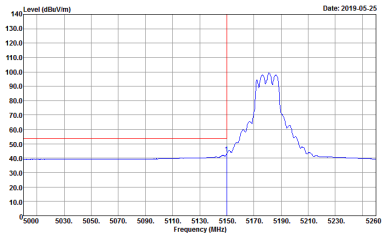
Note symbol

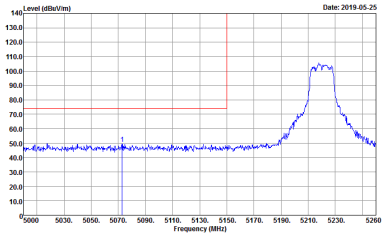
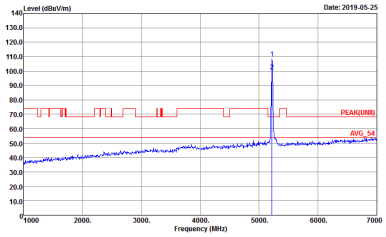
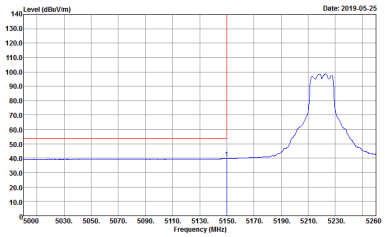
-L	**Low channel location**
-R	**High channel location**

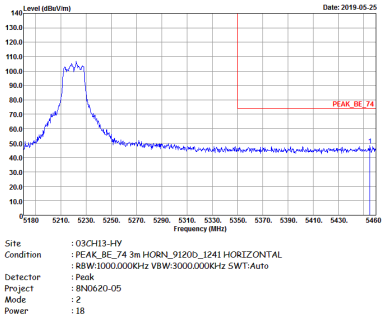
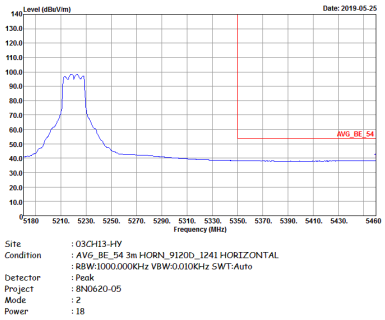
Band 1 - 5150~5250MHz

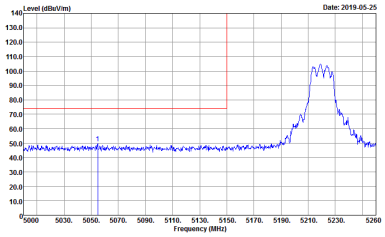
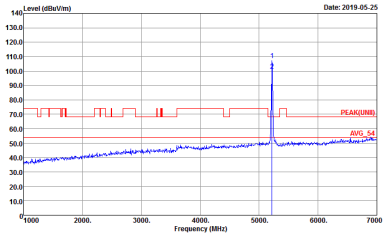
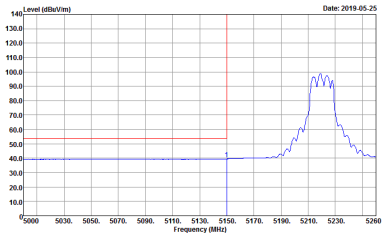
WIFI 802.11a (Band Edge @ 3m)

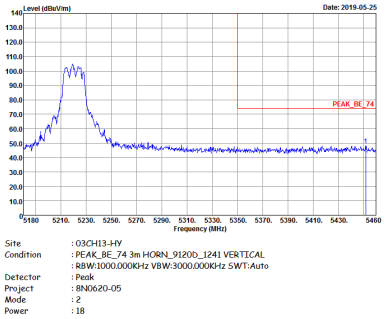
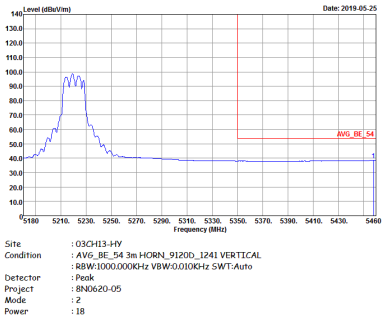
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

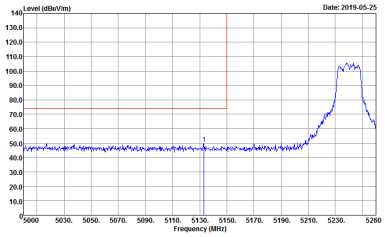
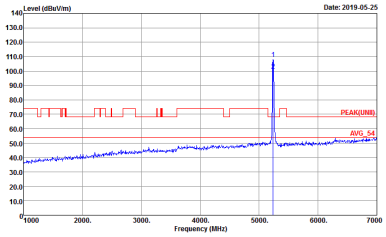
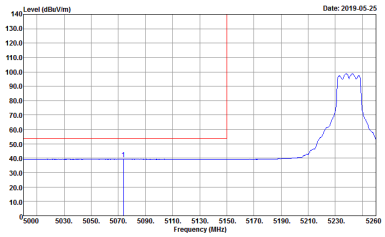
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 1 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 1 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 1 Power : 18	Left blank

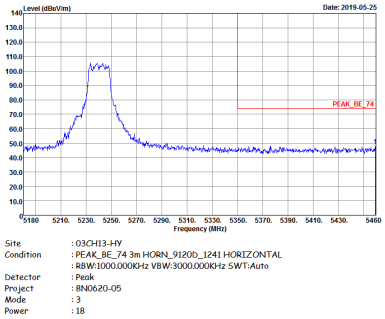
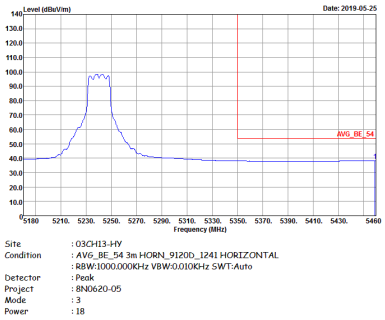
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18	Left blank

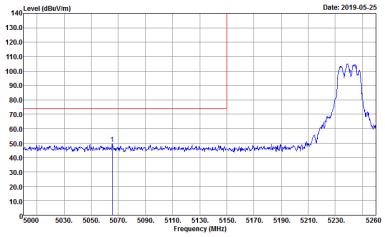
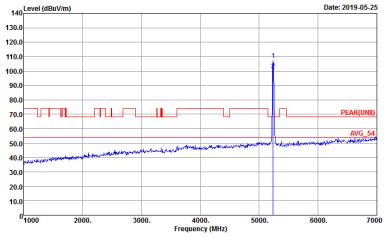
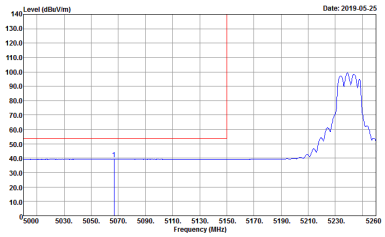
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18	Left blank

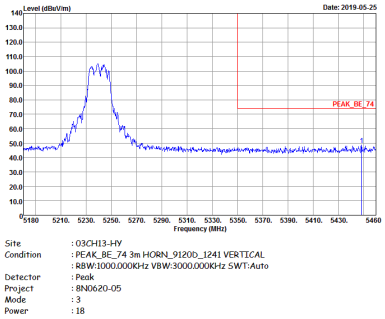
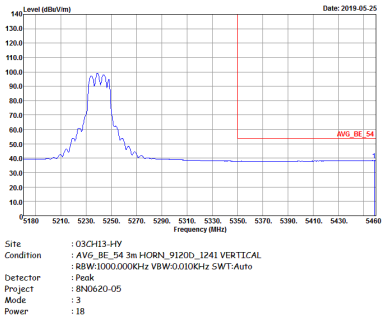
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 2 Power : 18	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18	Left blank

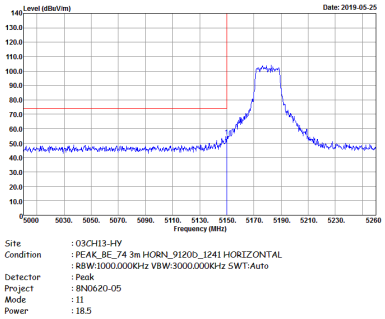
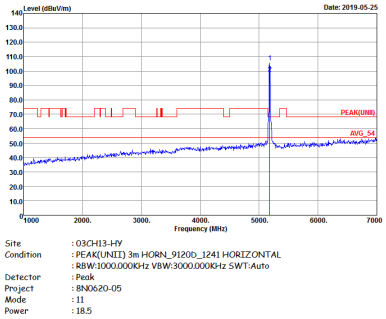
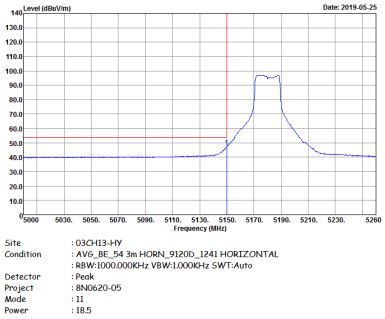
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18	Left blank

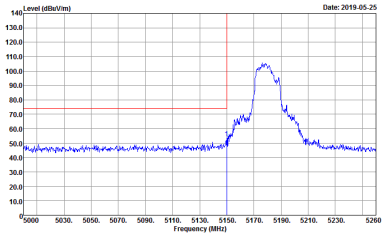
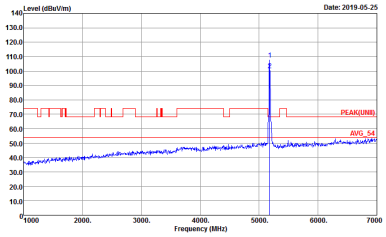
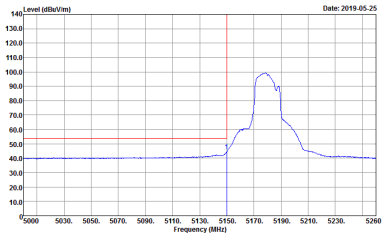
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18	Left blank

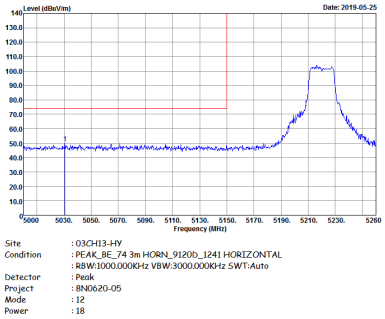
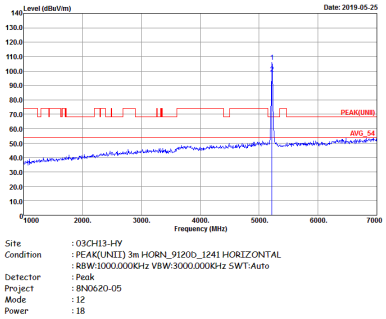
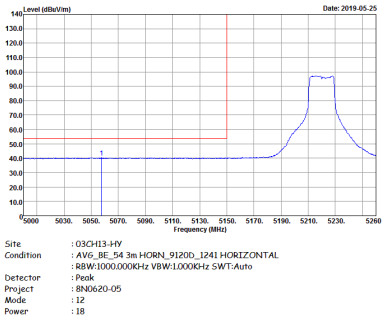
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 3 Power : 18	Left blank

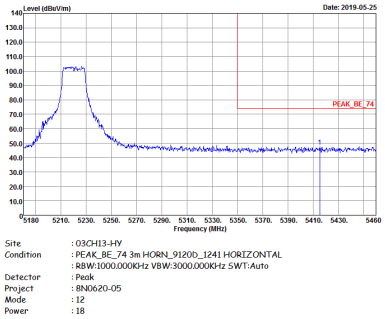
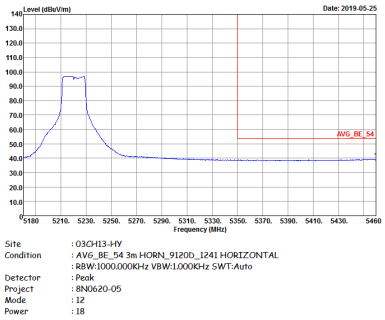
Band 1 5150~5250MHz

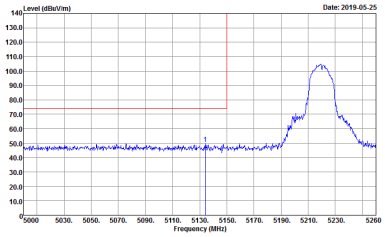
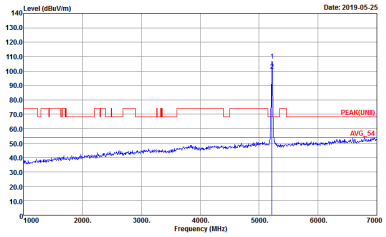
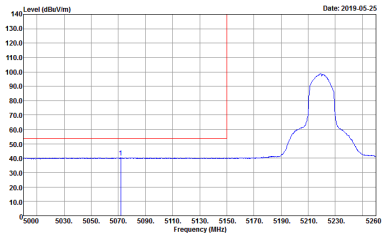
WIFI 802.11n HT20 (Band Edge @ 3m)

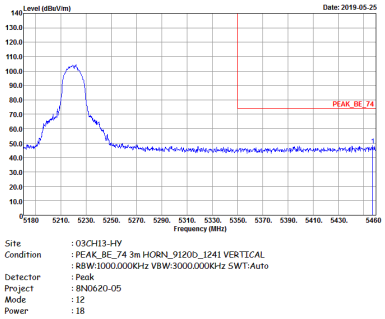
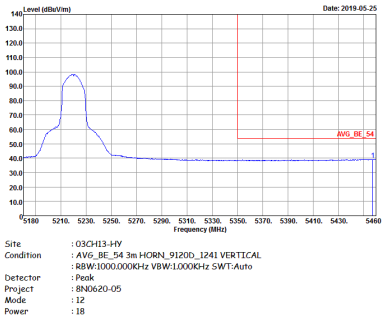
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

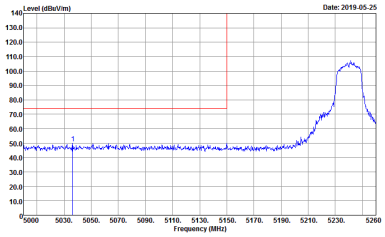
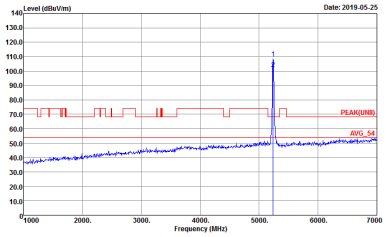
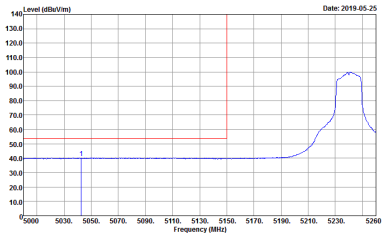
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 11 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 11 Power : 18.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 11 Power : 18.5	Left blank

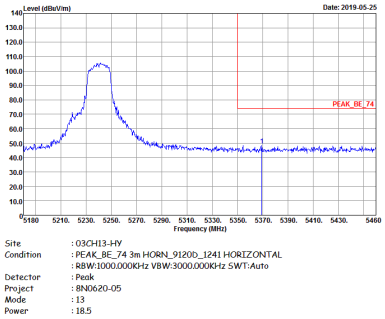
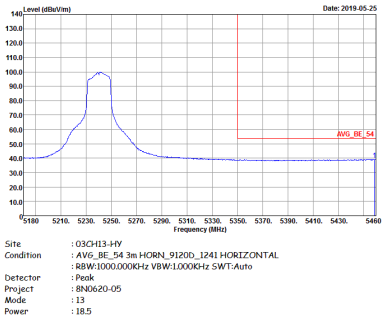
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18	Left blank

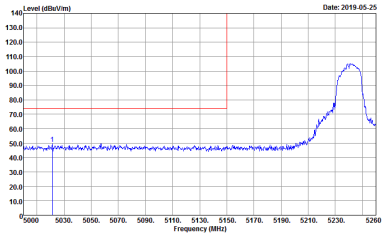
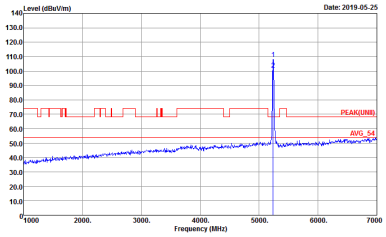
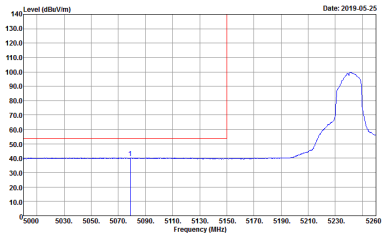
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18	Left blank

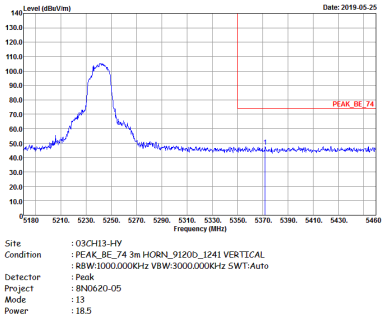
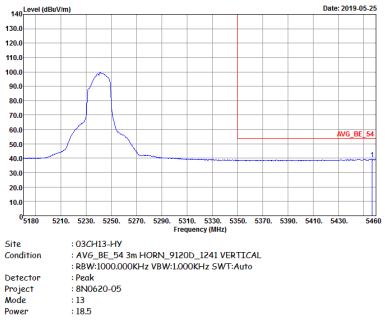
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 12 Power : 18	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5	Left blank

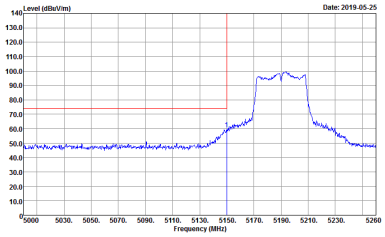
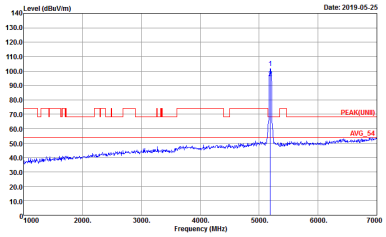
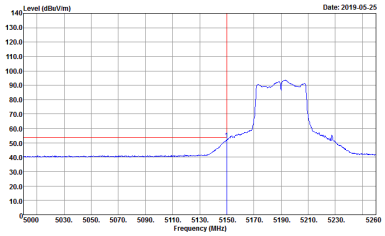
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5	Left blank

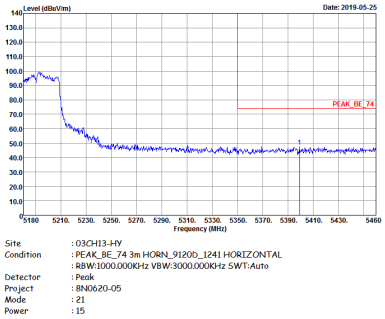
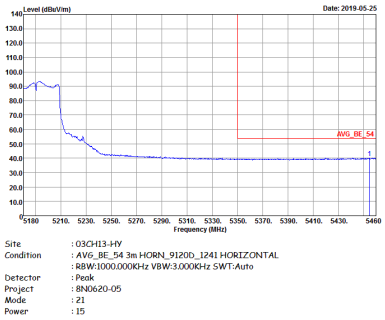
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5	Left blank

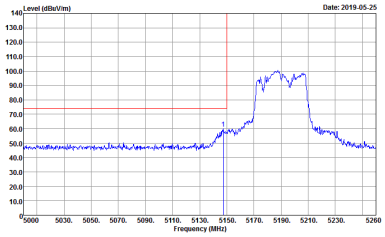
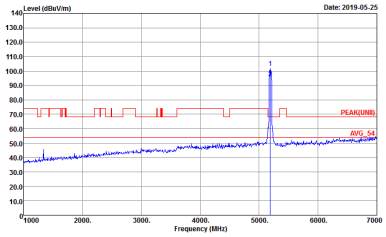
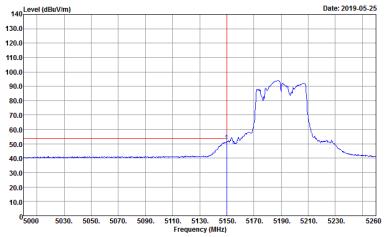
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 13 Power : 18.5	Left blank

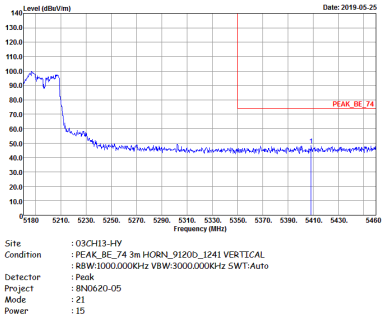
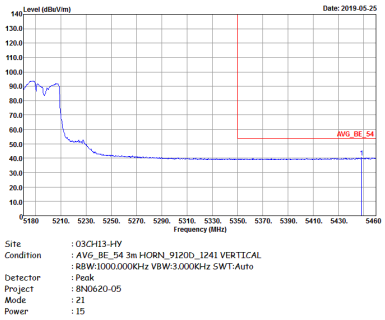
Band 1 5150~5250MHz

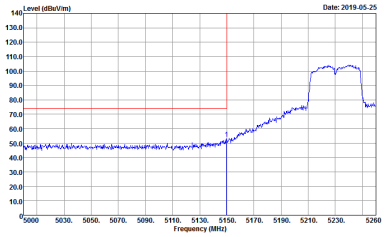
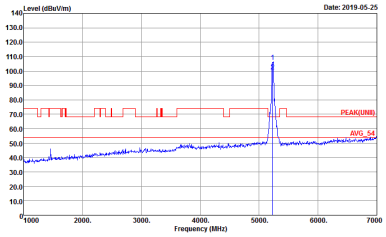
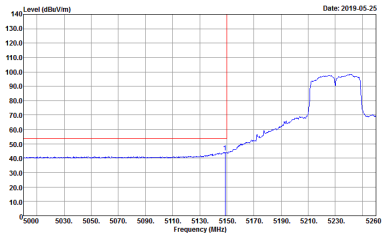
WIFI 802.11n HT40 (Band Edge @ 3m)

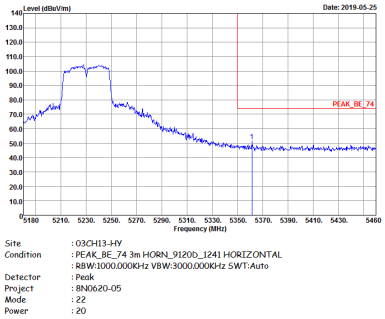
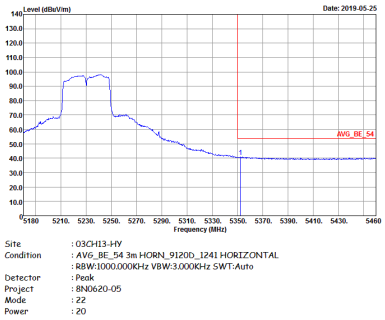
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

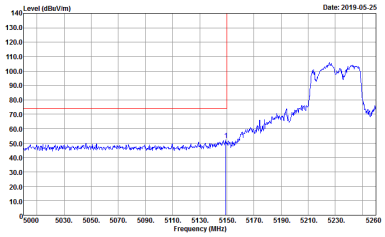
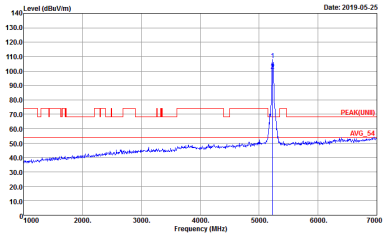
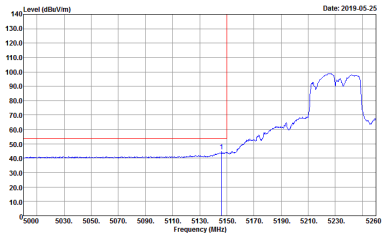
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 21 Power : 15	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 21 Power : 15	Left blank

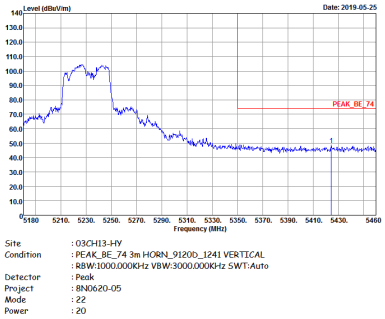
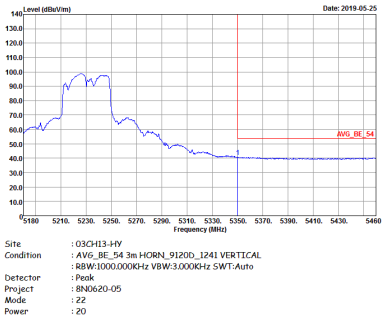
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 21 Power : 15	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 21 Power : 15
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 21 Power : 15	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 21 Power : 15	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 21 Power : 15	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank

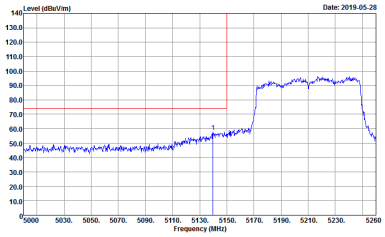
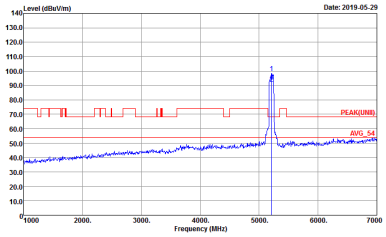
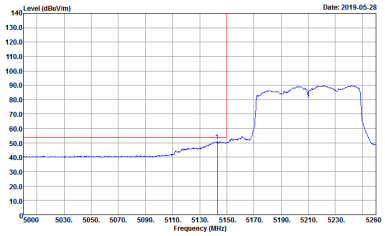
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank

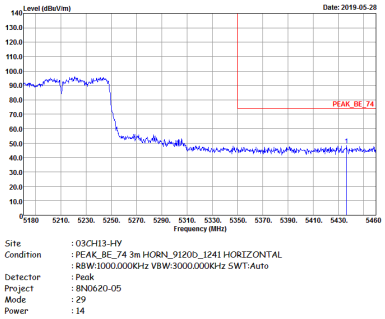
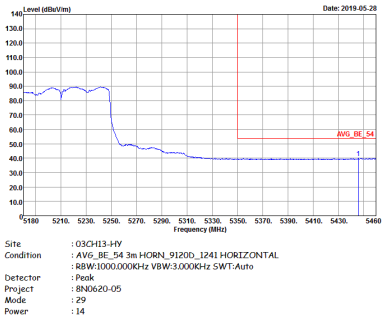
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank

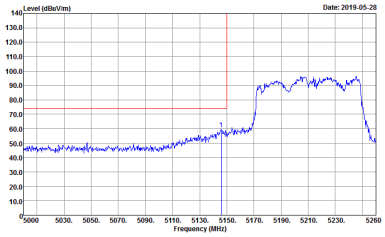
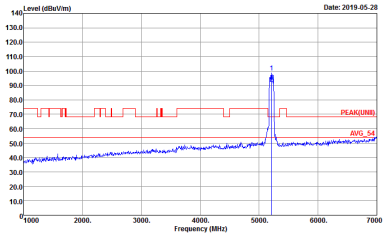
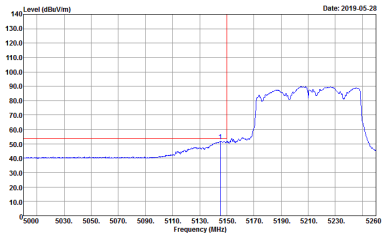
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

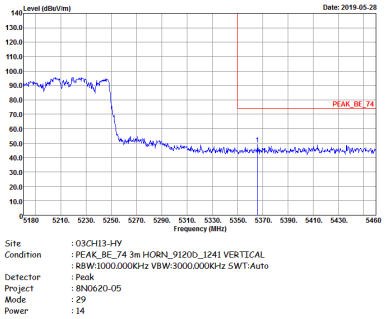
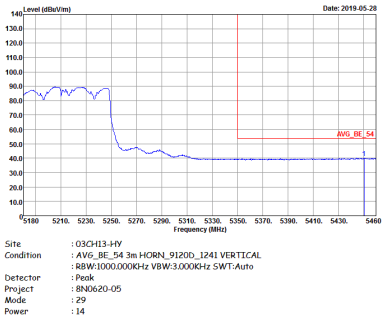
Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

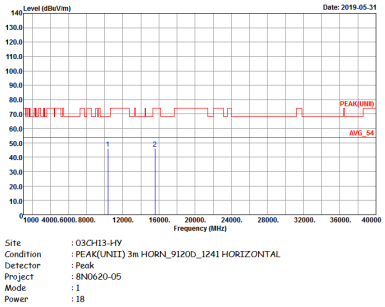
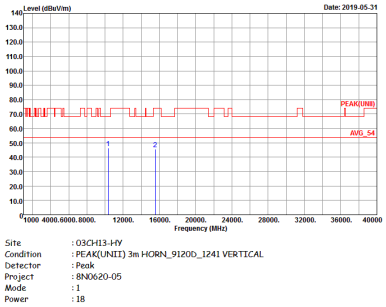
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 29 Power : 14	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 29 Power : 14	Left blank

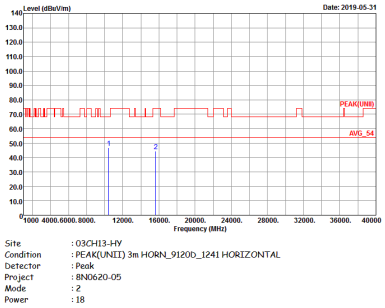
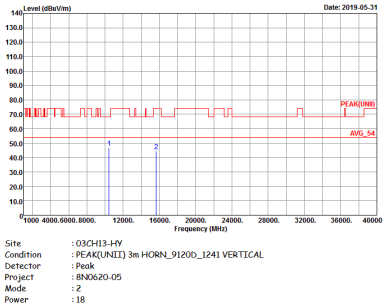
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 29 Power : 14	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 29 Power : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 29 Power : 14	Left blank

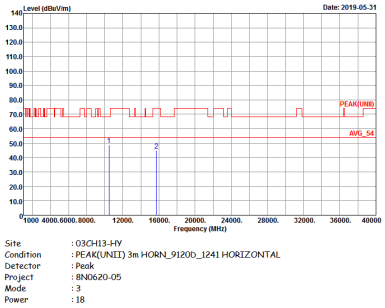
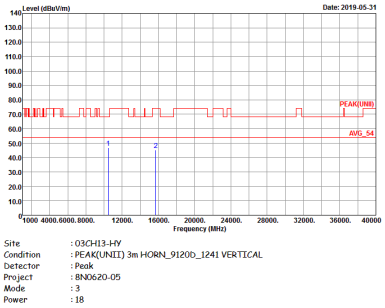
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 29 Power : 14	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 29 Power : 14	Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

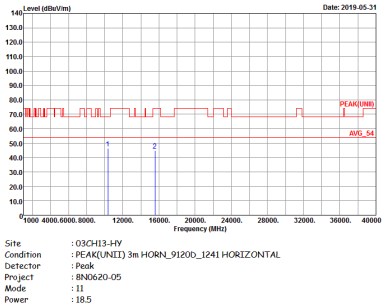
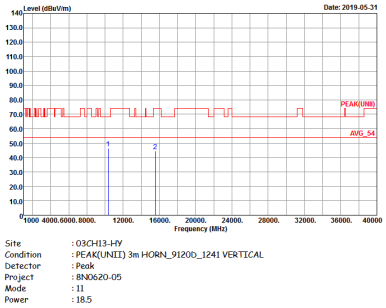
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
4+5	Horizontal	Vertical
Peak Avg.		

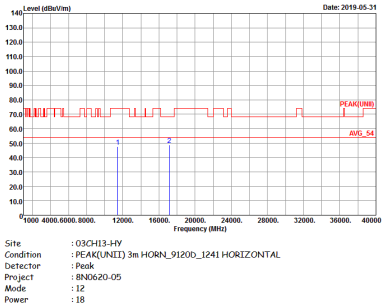
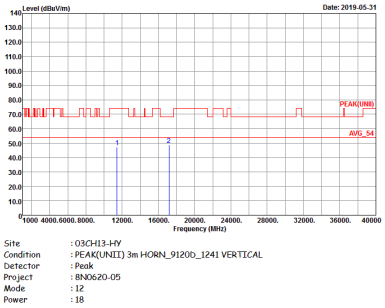
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : BN0620-05 Mode : 2 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : BN0620-05 Mode : 2 Power : 18

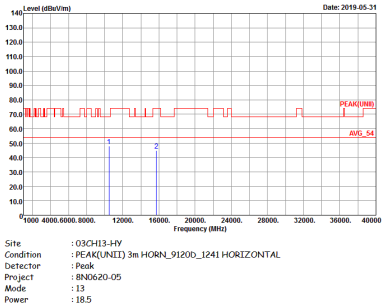
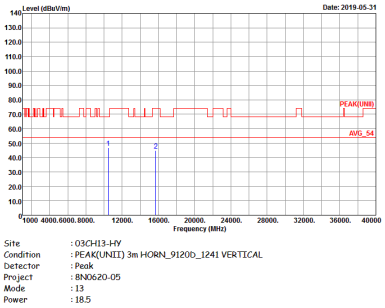
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
4+5	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

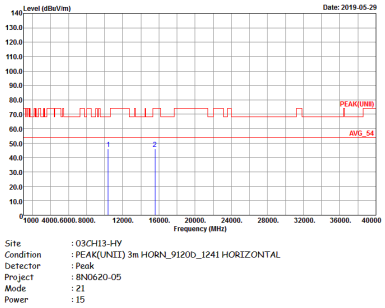
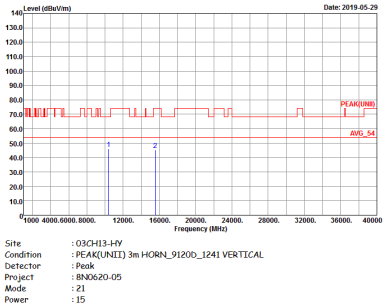
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
4+5	Horizontal	Vertical
Peak Avg.		

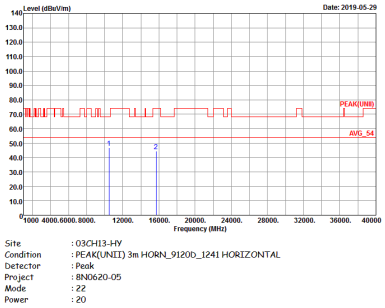
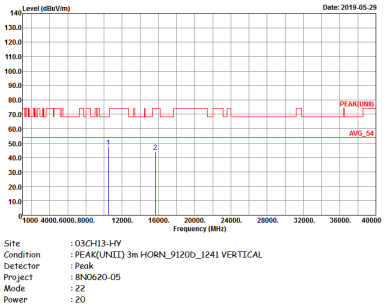
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : BN0620-05 Mode : 12 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : BN0620-05 Mode : 12 Power : 18

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : BN0620-05 Mode : 13 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : BN0620-05 Mode : 13 Power : 18.5

Band 1 5150~5250MHz

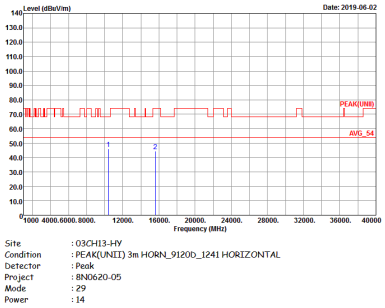
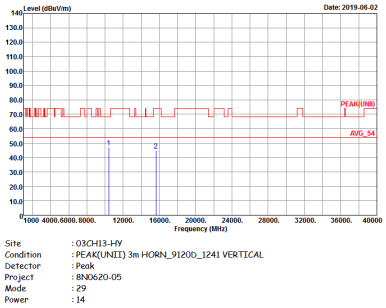
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
4+5	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20

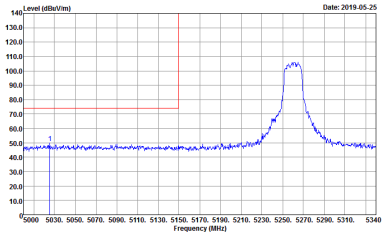
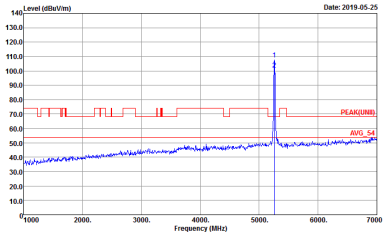
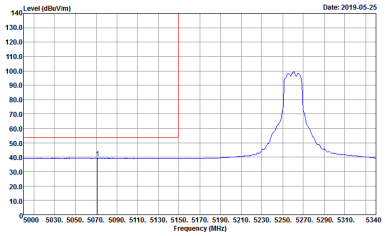
Band 1 5150~5250MHz

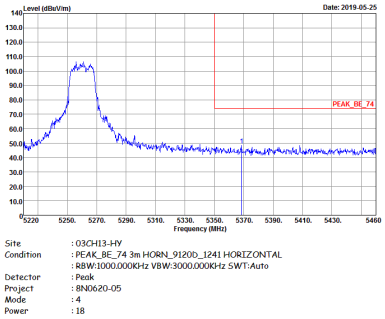
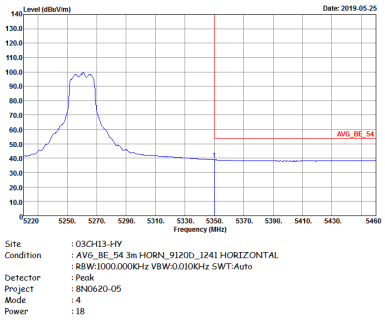
WIFI 802.11ac VHT80 (Harmonic @ 3m)

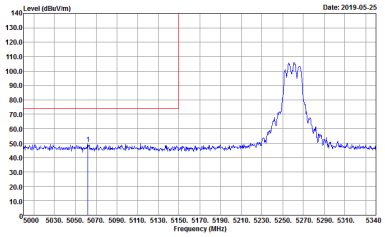
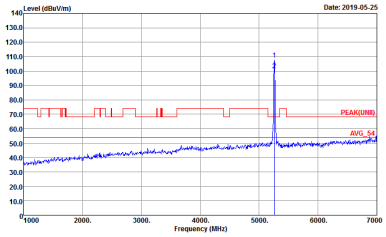
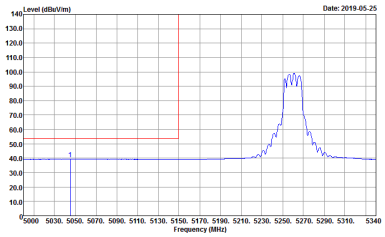
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
4+5	Horizontal	Vertical
Peak Avg.		

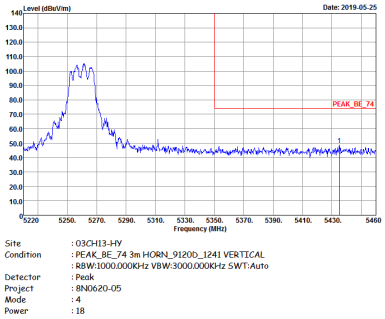
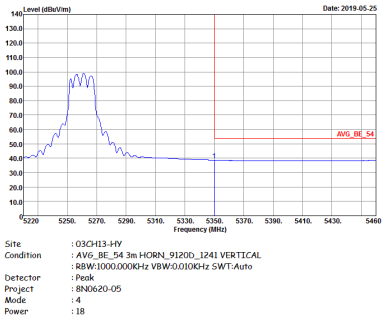
Band 2 - 5250~5350MHz

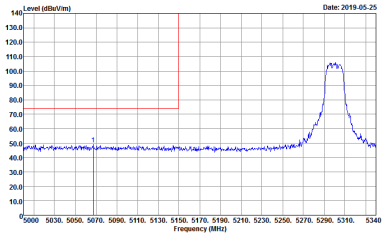
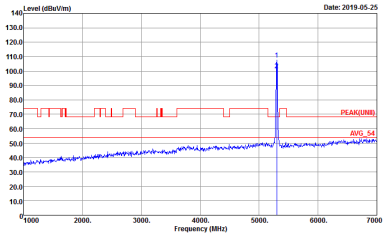
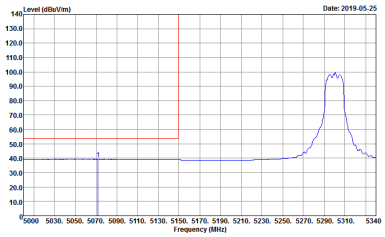
WIFI 802.11a (Band Edge @ 3m)

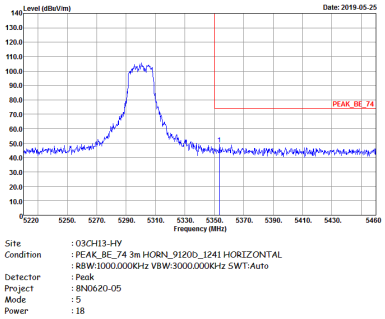
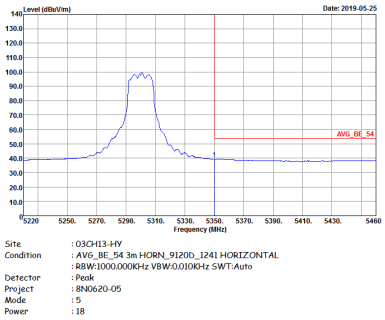
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18	Left blank

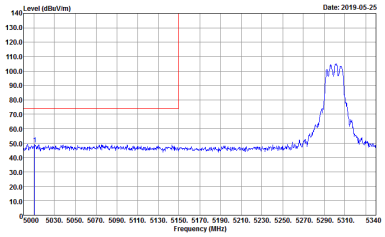
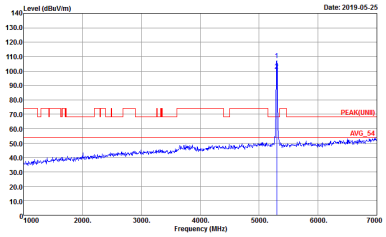
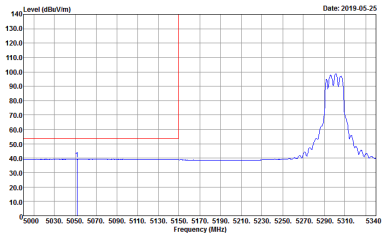
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18	Left blank

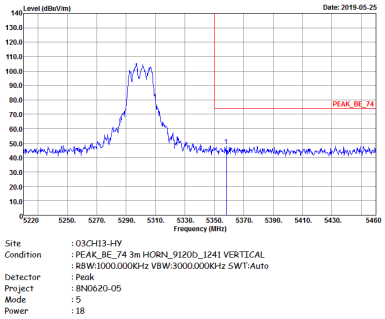
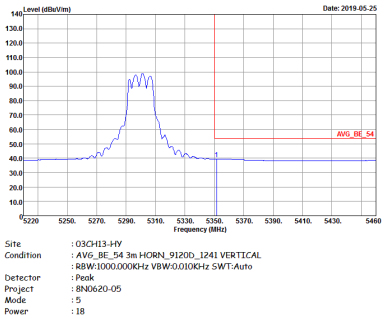
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18	Left blank

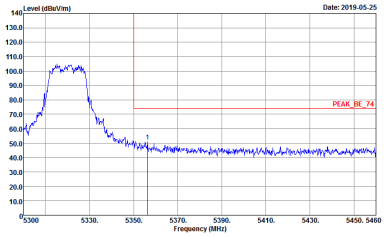
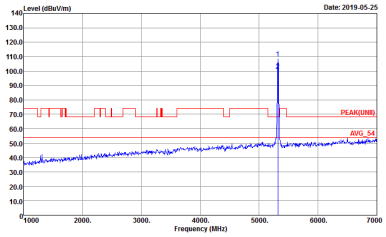
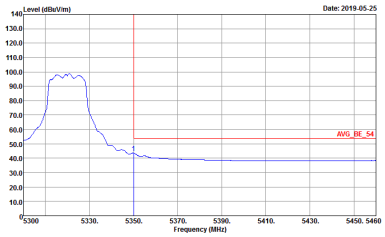
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 4 Power : 18	Left blank

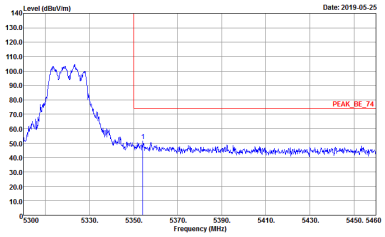
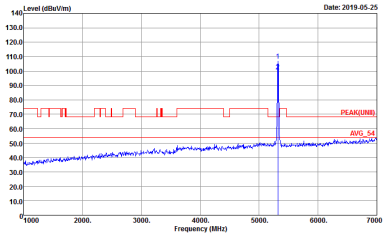
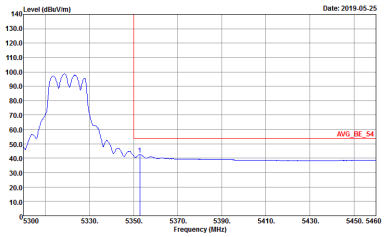
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18	Left blank

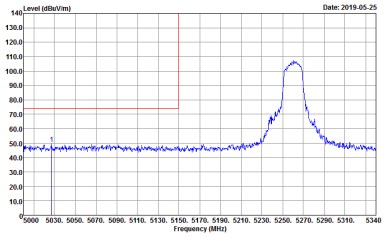
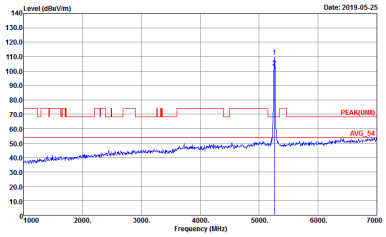
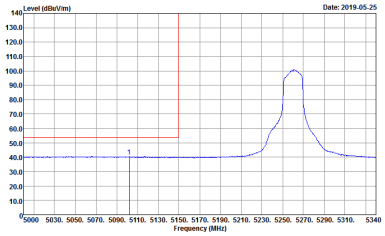
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 5 Power : 18	Left blank

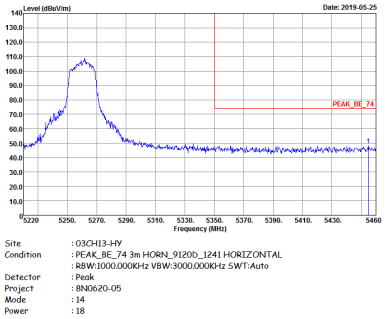
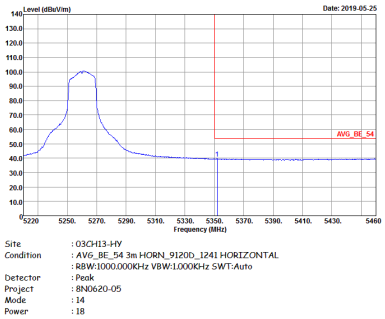
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 6 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 6 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 6 Power : 18	Left blank

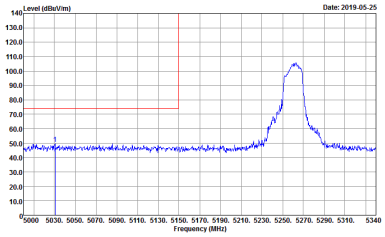
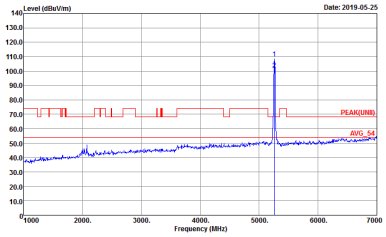
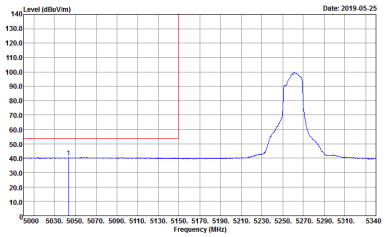
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 6 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 6 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 6 Power : 18	Left blank

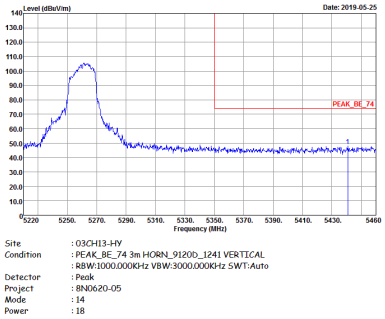
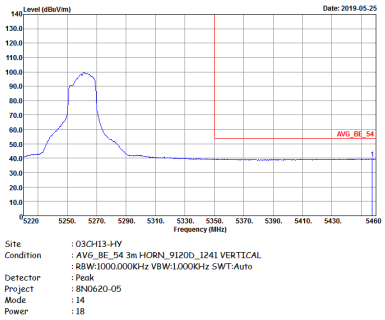
Band 2 5250~5350MHz

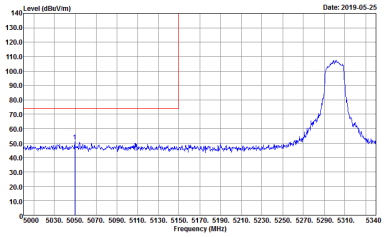
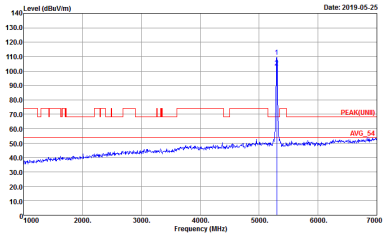
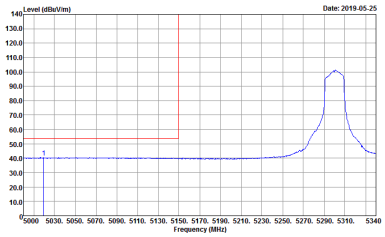
WIFI 802.11n HT20 (Band Edge @ 3m)

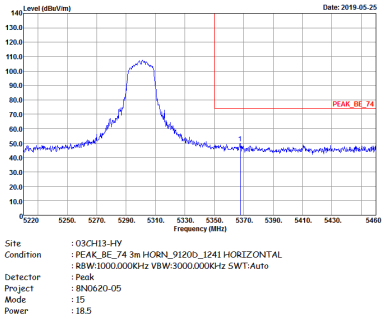
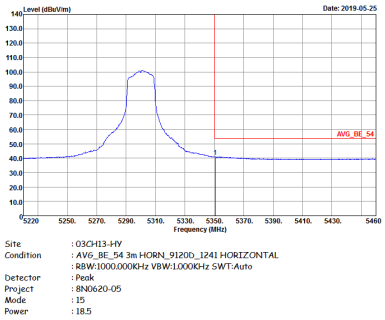
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

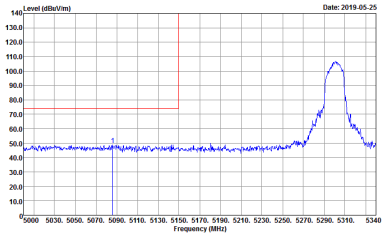
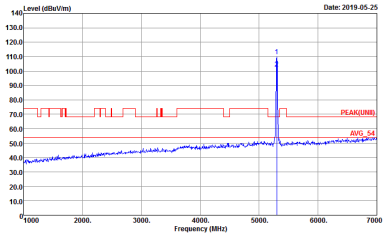
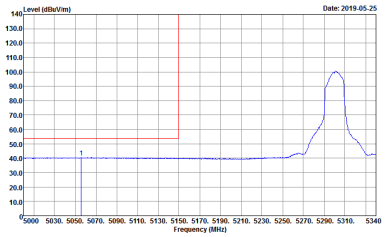
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 14 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 14 Power : 18	Left blank

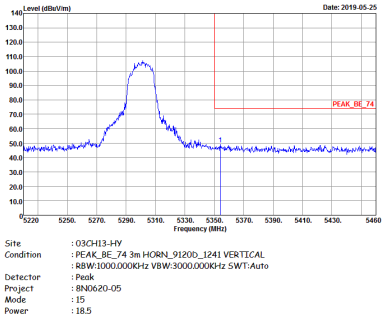
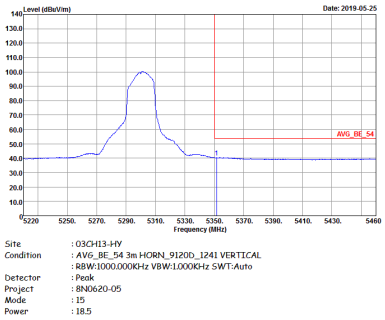
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 14 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 14 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 14 Power : 18	Left blank

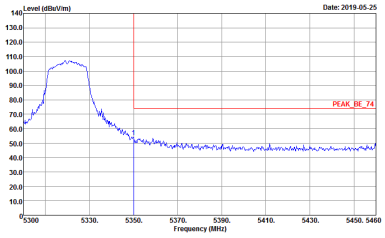
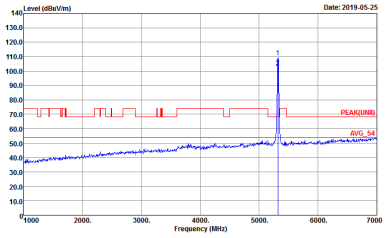
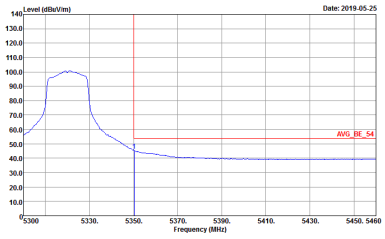
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 14 Power : 18	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 14 Power : 18	Left blank

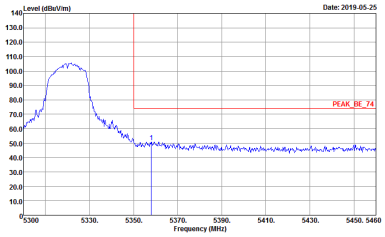
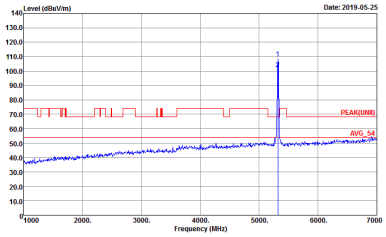
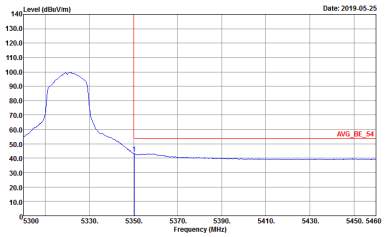
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
4+5	Horizontal	Vertical
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5	Left blank

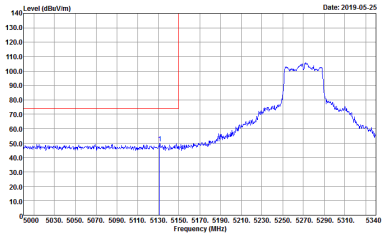
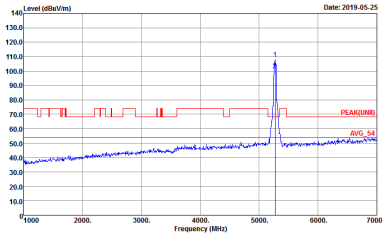
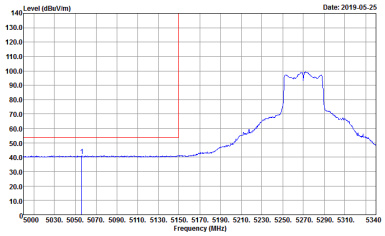
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 15 Power : 18.5	Left blank

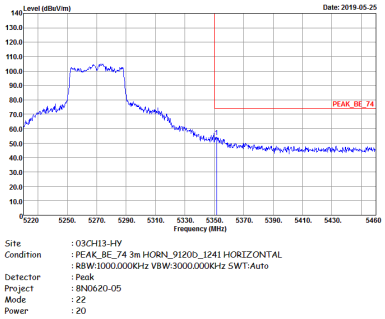
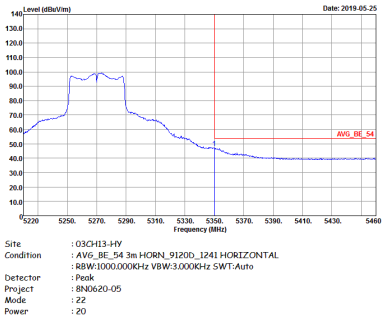
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 16 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 16 Power : 18.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 16 Power : 18.5	Left blank

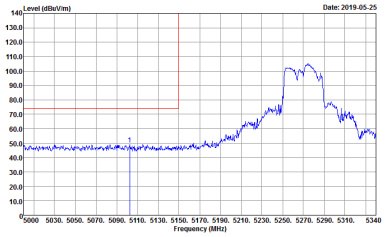
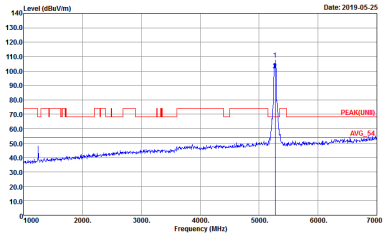
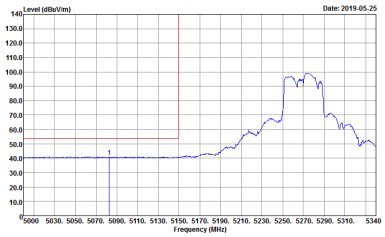
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 16 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 16 Power : 18.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 16 Power : 18.5	Left blank

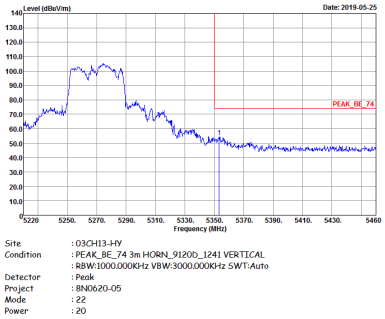
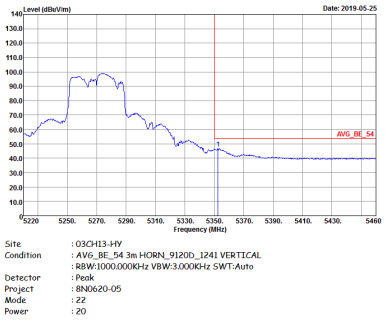
Band 2 5250~5350MHz

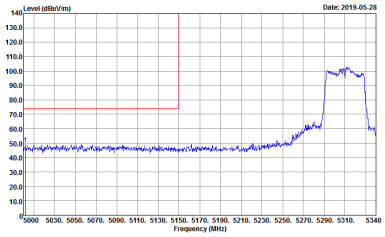
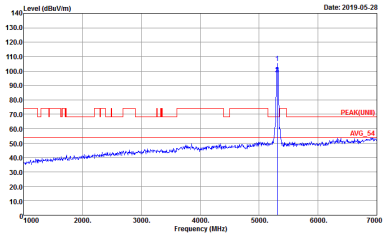
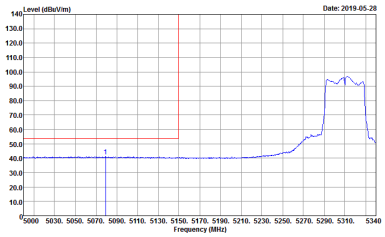
WIFI 802.11n HT40 (Band Edge @ 3m)

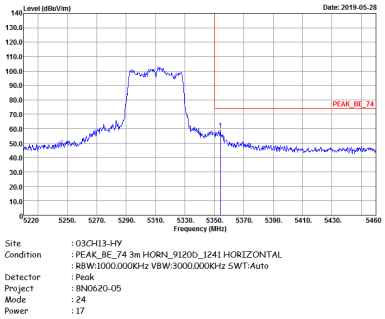
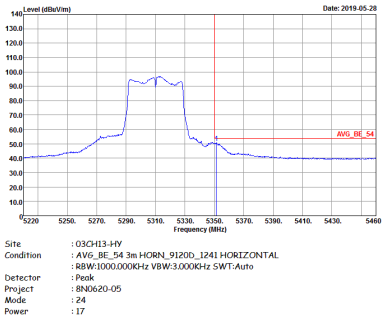
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank

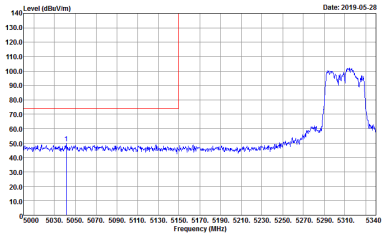
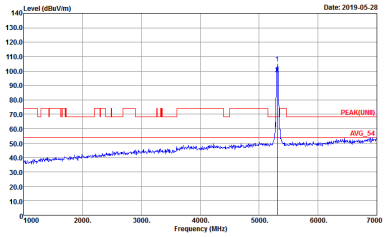
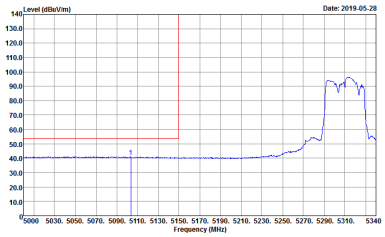
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank

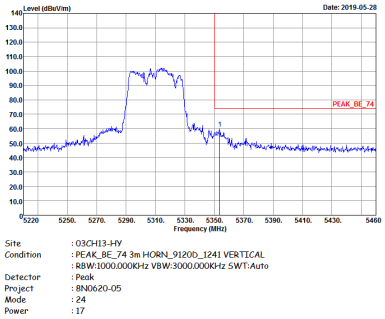
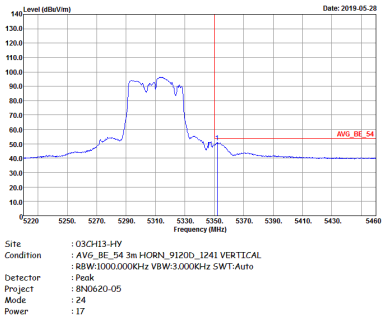
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - L	
4+5	Vertical	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - R	
4+5	Vertical	Vertical
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 22 Power : 20	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17	Left blank

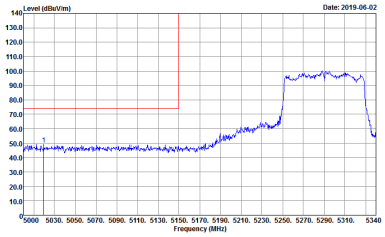
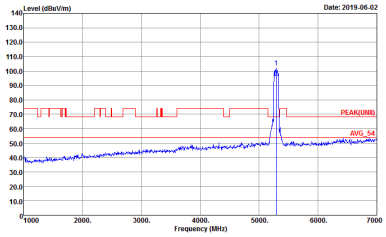
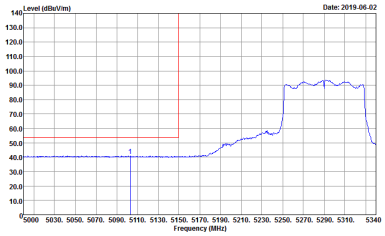
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17	Left blank

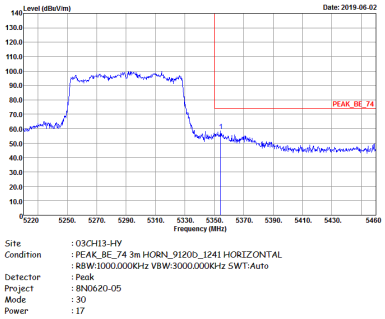
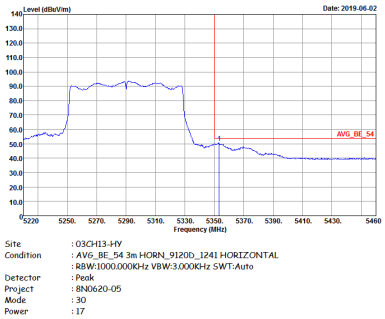
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17	Left blank

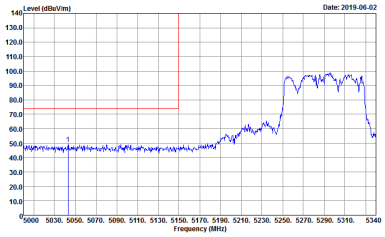
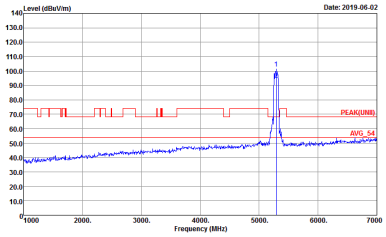
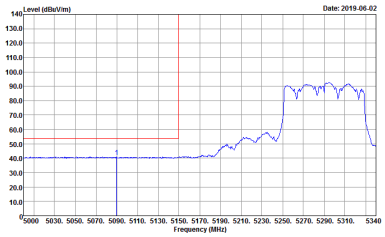
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 24 Power : 17	Left blank

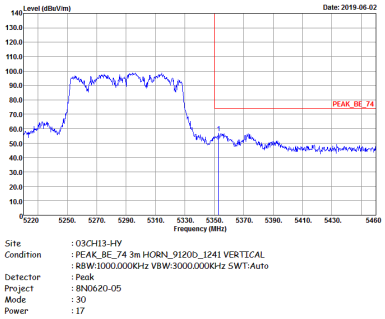
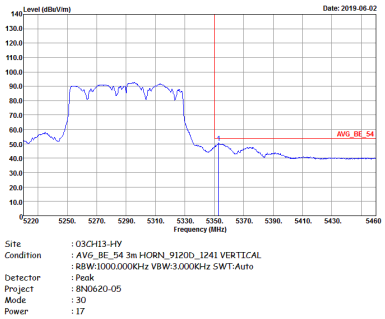
Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17	Left blank

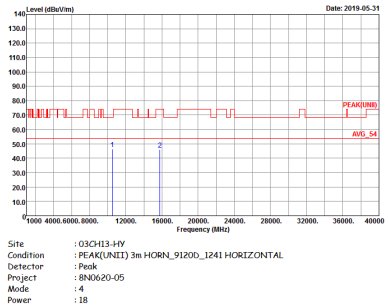
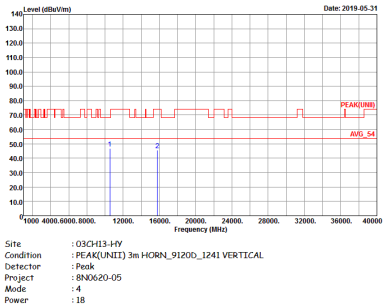
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17	Left blank

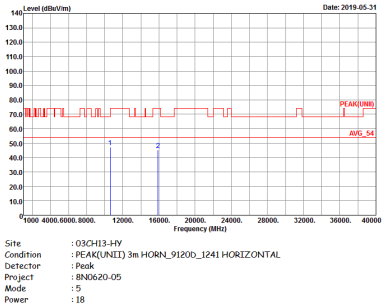
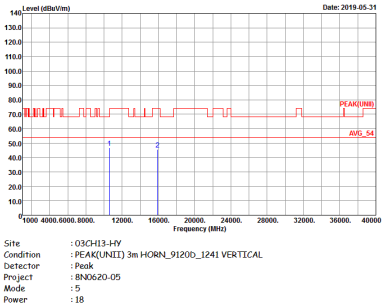
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17	Left blank

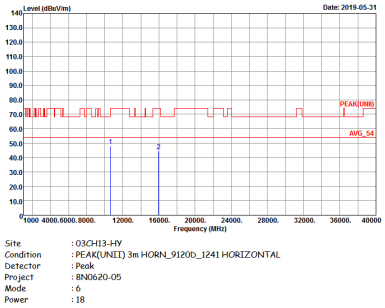
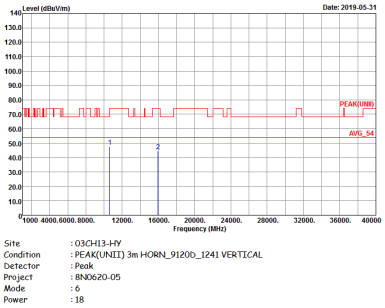
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 30 Power : 17	Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

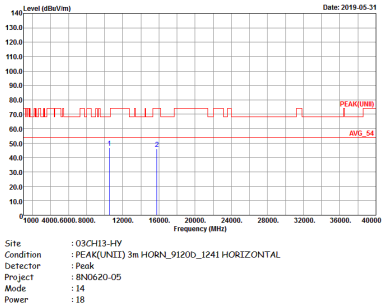
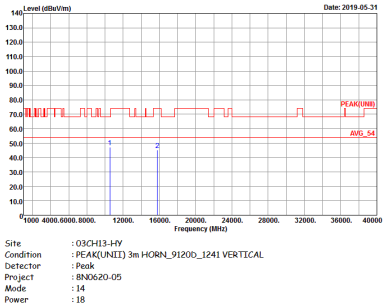
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
4+5	Horizontal	Vertical
Peak Avg.		

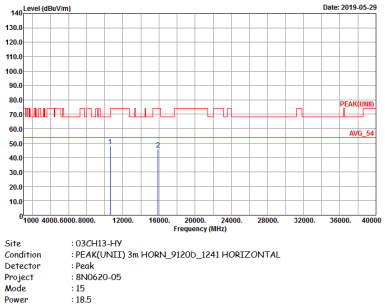
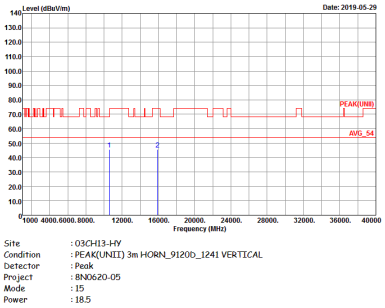
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
4+5	Horizontal	Vertical
Peak Avg.		

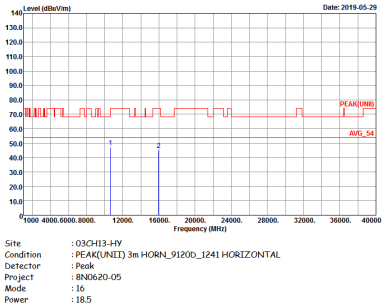
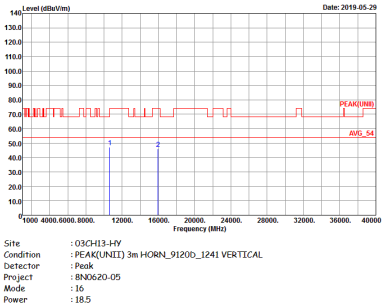
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
4+5	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

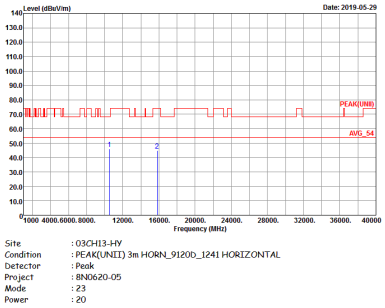
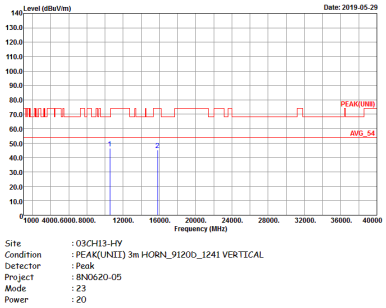
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
4+5	Horizontal	Vertical
Peak Avg.		

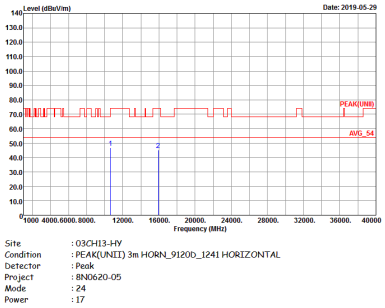
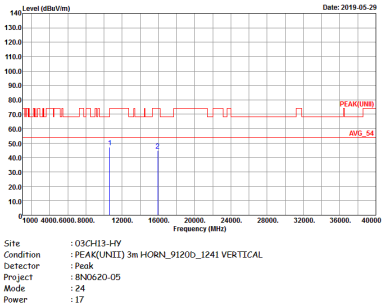
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : BN0620-05 Mode : 15 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : BN0620-05 Mode : 15 Power : 18.5

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : BN0620-05 Mode : 16 Power : 18.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : BN0620-05 Mode : 16 Power : 18.5

Band 2 5250~5350MHz

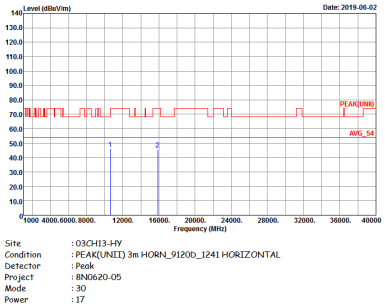
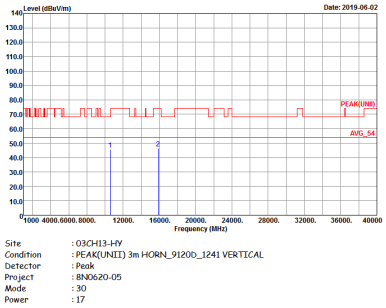
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270MHz	
4+5	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310MHz	
4+5	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL Detector : Peak Project : BN0620-05 Mode : 24 Power : 17	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL Detector : Peak Project : BN0620-05 Mode : 24 Power : 17

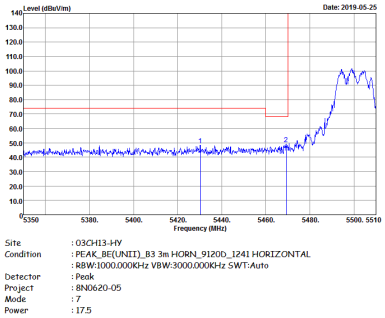
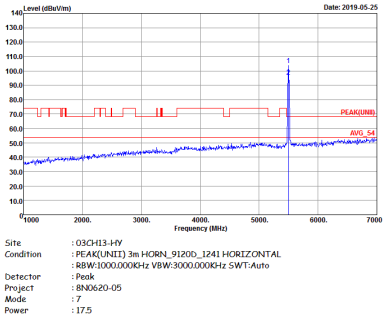
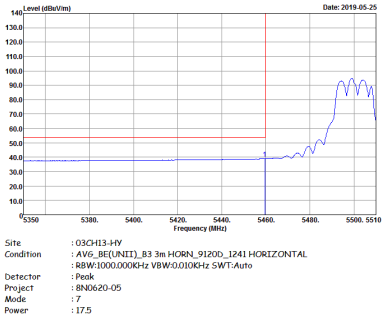
Band 2 5250~5350MHz

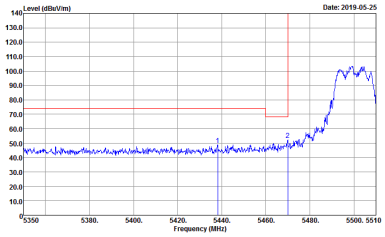
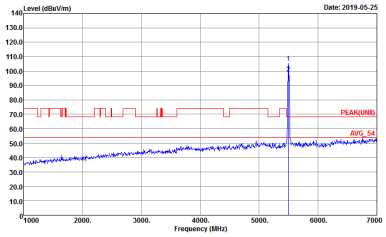
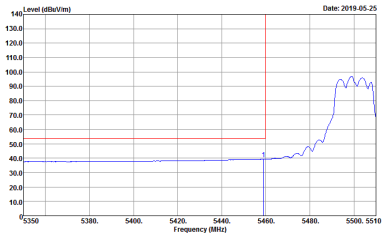
WIFI 802.11ac VHT80 (Harmonic @ 3m)

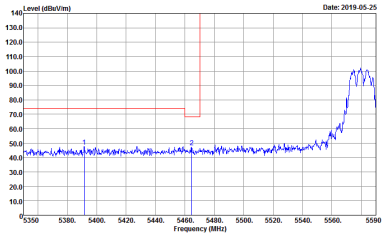
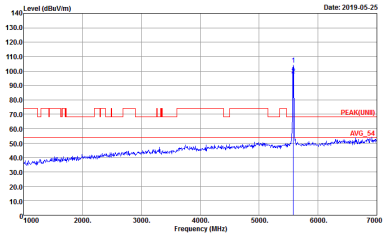
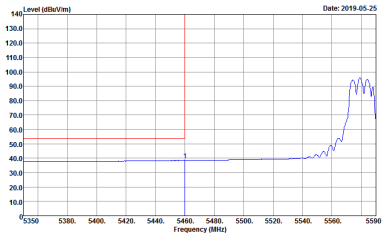
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
4+5	Horizontal	Vertical
Peak Avg.		

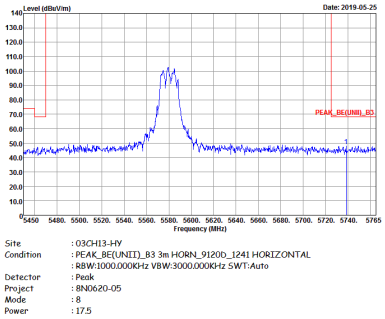
Band 3 - 5470~5725MHz

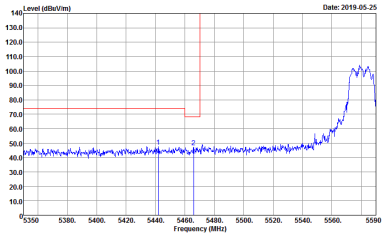
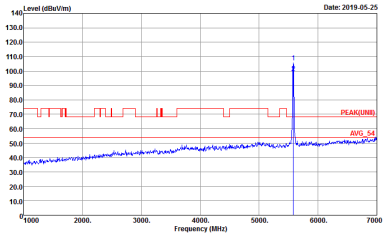
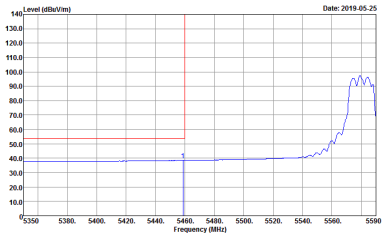
WIFI 802.11a (Band Edge @ 3m)

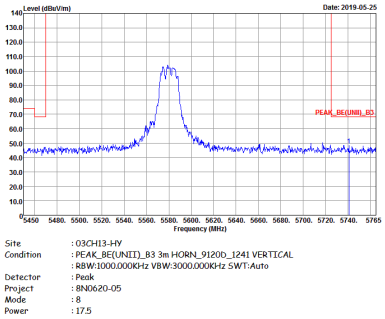
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

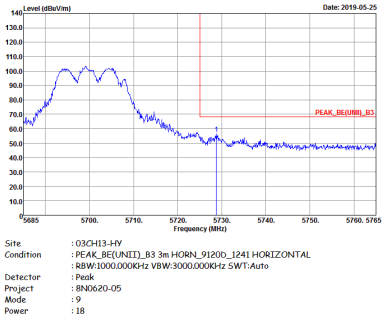
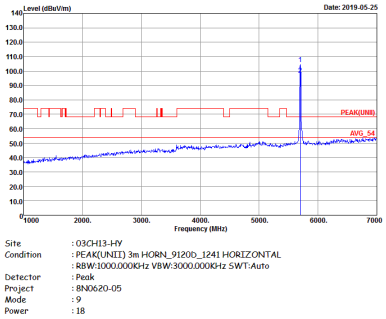
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 7 Power : 17.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 7 Power : 17.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 7 Power : 17.5	Left blank

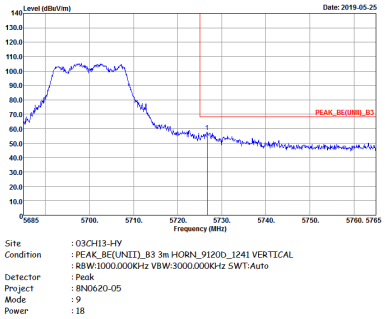
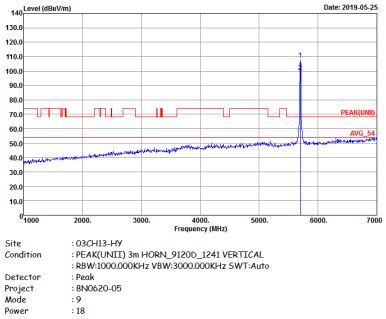
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 8 Power : 17.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 8 Power : 17.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 8 Power : 17.5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 8 Power : 17.5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 8 Power : 17.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 8 Power : 17.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 8 Power : 17.5	Left blank

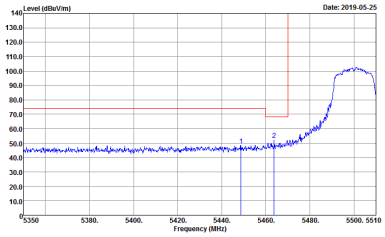
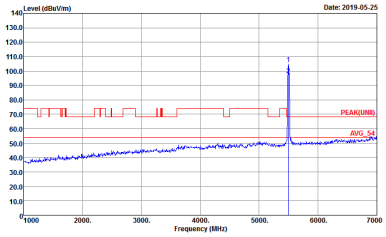
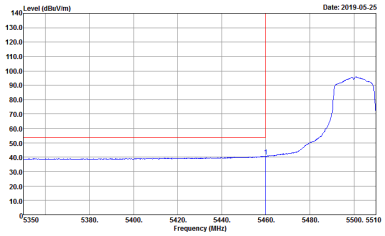
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 8 Power : 17.5	Left blank

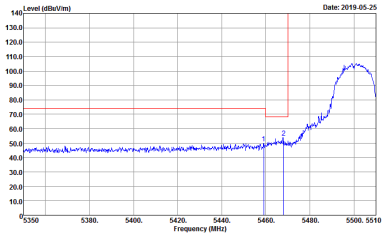
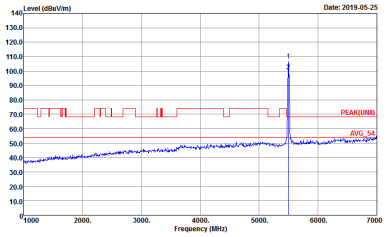
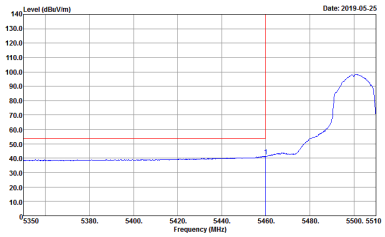
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
4+5	Horizontal	Fundamental
Peak		

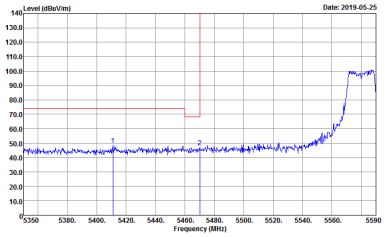
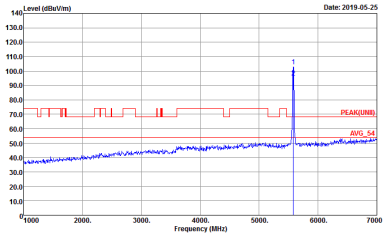
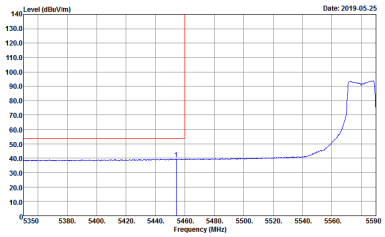
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
4+5	Vertical	Fundamental
Peak		

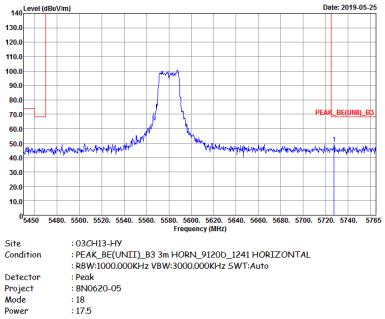
Band 3 5470~5725MHz

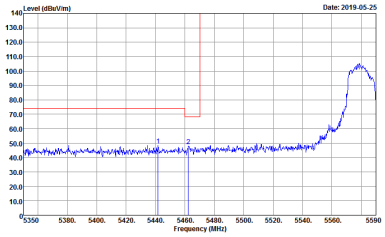
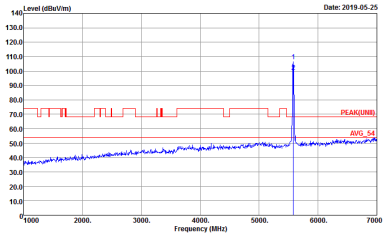
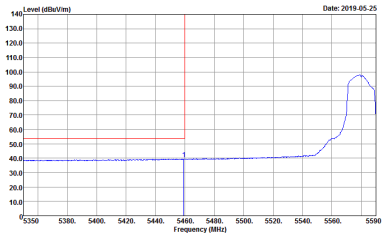
WIFI 802.11n HT20 (Band Edge @ 3m)

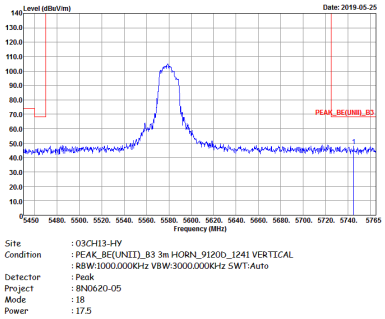
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_83 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 17 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 17 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_83 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 17 Power : 18	Left blank

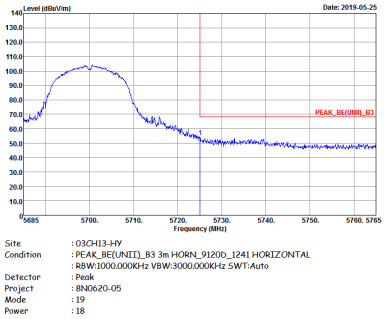
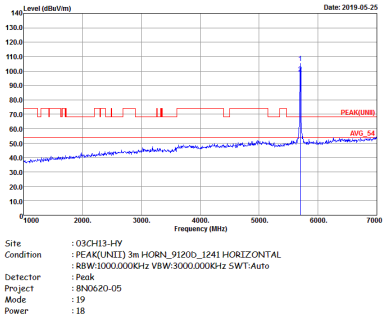
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 17 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 17 Power : 18
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 17 Power : 18	Left blank

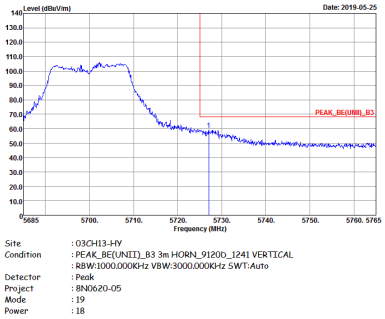
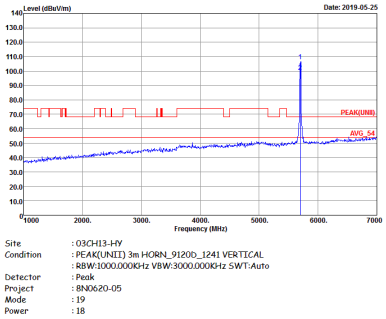
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 18 Power : 17.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 18 Power : 17.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 18 Power : 17.5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 18 Power : 17.5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 18 Power : 17.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 18 Power : 17.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 18 Power : 17.5	Left blank

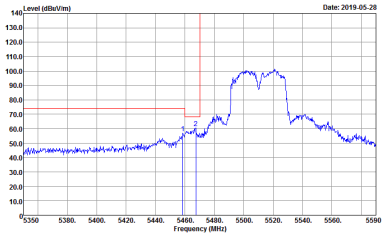
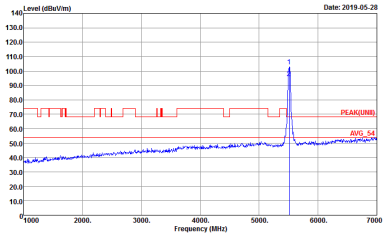
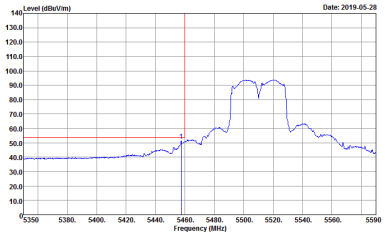
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 18 Power : 17.5	Left blank

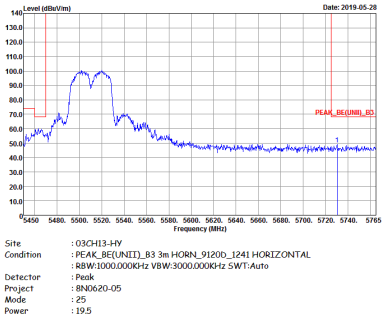
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 19 Power : 18	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 19 Power : 18

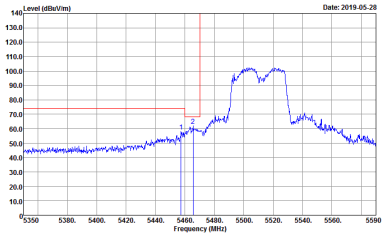
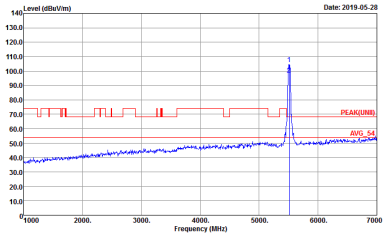
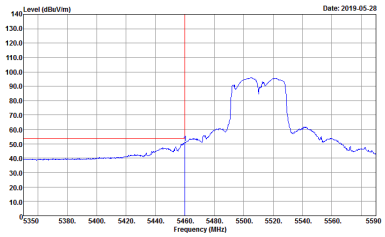
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
4+5	Vertical	Fundamental
Peak.		

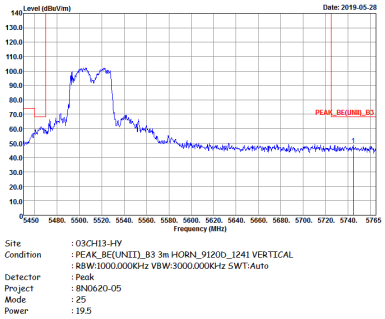
Band 3 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 25 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 25 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 25 Power : 19.5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
4+5	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8N0620-05 Mode : 25 Power : 19.5	Left blank