FCC RF Test Report

APPLICANT	:	LC Future Center Limited Taiwan Branch
EQUIPMENT	:	Notebook
BRAND NAME	:	Lenovo
MODEL NAME	:	TP00086B
FCC ID	:	2AJN7-TP00086B
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure

This is a partial report. The product was received on Oct. 25, 2017 and testing was completed on Dec. 16, 2017. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager

Testing Laboratory 1190

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR7O2534D	Rev. 01	Initial issue of report	Dec. 20, 2017

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm (depend on band)	Pass	-
3.2	15.407(b)	Unwanted Emissions	≤ -17, -27 dBm (depend on band) &15.209(a)	Pass	Under limit 0.68 dB at 5351.040 MHz
3.3	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 18.90 dB at 0.174 MHz
3.4	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-

1 General Description

1.1 Applicant

LC Future Center Limited Taiwan Branch
7F., No.780, Bei'an Rd., Zhongshan Dist., Taipei City 104, Taiwan (R.O.C.)

1.2 Manufacturer

LC Future Center Limited Taiwan Branch
7F., No.780, Bei'an Rd., Zhongshan Dist., Taipei City 104, Taiwan (R.O.C.)

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	Notebook
Brand Name	Lenovo
Model Name	TP00086B
FCC ID	2AJN7-TP00086B
Sample 1	EUT with Amphenol Antenna
Sample 2	EUT with Speedwire Antenna
Integrated in WLAN Module	Brand Name: Intel Model Name: 8265NGW
EUT supports Radios application	WCDMA/HSPA/LTE WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
EUT Stage	Production Unit

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. All the tests were performed for Sample 1.

Antenna Information			
Antenna 1	**Manufacturer**	Amphenol	
	Antenna Type	Main: PIFA Antenna	Aux: PIFA Antenna
	Part number	LX7847-16-000-C	LX7848-16-000-C
	Peak gain (dbi)	Main Antenna :	Aux Antenna :
		WLAN(5G B1-3):2.93	WLAN(5G B1-3):2.97
Antenna 2	**Manufacturer**	Speedwire	
	Antenna Type	Main: PIFA Antenna	Aux: PIFA Antenna
	Part number	F.0G.ZV-0006-003-00	F.0G.ZV-0006-004-00
	Peak gain (dbi)	Main Antenna :	Aux Antenna :
		WLAN(5G B1-3):2.44	WLAN(5G B1-3):1.67

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** **<Chain 1>** 802.11a : 14.87 dBm / 0.0307 W 802.11n HT20 : 14.81 dBm / 0.0303 W 802.11n HT40 : 14.86 dBm / 0.0306 W 802.11ac VHT20 : 14.79 dBm / 0.0301 W 802.11ac VHT40 : 14.82 dBm / 0.0303 W 802.11ac VHT80 : 14.89 dBm / 0.0308 W **<Chain 2>** 802.11a : 14.99 dBm / 0.0316 W 802.11n HT20 : 14.89 dBm / 0.0308 W 802.11n HT40 : 14.87 dBm / 0.0307 W 802.11ac VHT20 : 14.84 dBm / 0.0305 W 802.11ac VHT40 : 14.83 dBm / 0.0304 W 802.11ac VHT80 : 14.93 dBm / 0.0311 W **MIMO <Chain 1+2>** 802.11n HT20 : 14.75 dBm / 0.0299 W 802.11n HT40 : 14.61 dBm / 0.0289 W 802.11ac VHT20 : 14.70 dBm / 0.0295 W 802.11ac VHT40 : 14.60 dBm / 0.0288 W 802.11ac VHT80 : 14.69 dBm / 0.0294 W **<5260 MHz ~ 5320 MHz>** **<Chain 1>** 802.11a : 14.96 dBm / 0.0313 W 802.11n HT20 : 14.84 dBm / 0.0305 W 802.11n HT40 : 14.95 dBm / 0.0313 W 802.11ac VHT20 : 14.74 dBm / 0.0298 W 802.11ac VHT40 : 14.88 dBm / 0.0308 W 802.11ac VHT80 : 14.28 dBm / 0.0268 W **<Chain 2>** 802.11a : 14.98 dBm / 0.0315 W 802.11n HT20 : 14.91 dBm / 0.0310 W 802.11n HT40 : 14.97 dBm / 0.0314 W 802.11ac VHT20 : 14.83 dBm / 0.0304 W 802.11ac VHT40 : 14.89 dBm / 0.0308 W 802.11ac VHT80 : 14.55 dBm / 0.0285 W **MIMO <Chain 1+2>** 802.11n HT20 : 14.91 dBm / 0.0310 W 802.11n HT40 : 14.76 dBm / 0.0299 W 802.11ac VHT20 : 14.88 dBm / 0.0308 W 802.11ac VHT40 : 14.73 dBm / 0.0297 W 802.11ac VHT80 : 14.83 dBm / 0.0304 W

<table>
<tr><th colspan="2">Standards-related Product Specification</th></tr>
<tr><td>Maximum Output Power to Antenna</td><td><5500 MHz ~ 5700 MHz>
<Chain 1>
802.11a : 13.85 dBm / 0.0243 W
802.11n HT20 : 13.70 dBm / 0.0234 W
802.11n HT40 : 13.82 dBm / 0.0241 W
802.11ac VHT20 : 13.60 dBm / 0.0229 W
802.11ac VHT40 : 13.79 dBm / 0.0239 W
802.11ac VHT80 : 13.80 dBm / 0.0240 W
<Chain 2>
802.11a : 13.97 dBm / 0.0249 W
802.11n HT20 : 13.71 dBm / 0.0235 W
802.11n HT40 : 13.87 dBm / 0.0244 W
802.11ac VHT20 : 13.64 dBm / 0.0231 W
802.11ac VHT40 : 13.83 dBm / 0.0242 W
802.11ac VHT80 : 13.82 dBm / 0.0241 W
MIMO <Chain 1+2>
802.11n HT20 : 13.90 dBm / 0.0245 W
802.11n HT40 : 13.83 dBm / 0.0242 W
802.11ac VHT20 : 13.86 dBm / 0.0243 W
802.11ac VHT40 : 13.81 dBm / 0.0240 W
802.11ac VHT80 : 13.75 dBm / 0.0237 W</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)</td></tr>
<tr><td>Antenna Function Description</td><td><table><tr><td></td><td>Chain 1</td><td>Chain 2</td></tr><tr><td>802.11 a/n/ac</td><td>V</td><td>V</td></tr><tr><td>802.11 n/ac MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Note: MIMO Chain 1+2 is a calculated result from sum of the power MIMO Chain 1 and MIMO Chain 2.

1.5 Modification of EUT

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

1.6 Testing Location

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

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.	
Test Site No.	**Sporton Site No.**	
	TH05-HY	CO05-HY

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

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd Rd. Guishan Dist, Taoyuan City, Taiwan (R.O.C.)
Test Site No.	**Sporton Site No.**
	03CH12-HY

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

1.7 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

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).

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.

Chain 2

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

MIMO <Chain 1+2>

Modulation	Data Rate
802.11n HT20 (Covered by VHT20)	MCS8
802.11n HT40 (Covered by VHT40)	MCS8
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + TF + TC

Remark:

1. TC stands for Test Configuration, and consists of Earphone, USB HD, iPod, Adapter 1, and SD Card.
2. TF stands for Test Function, and consists of MPEG4 and Camera.

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

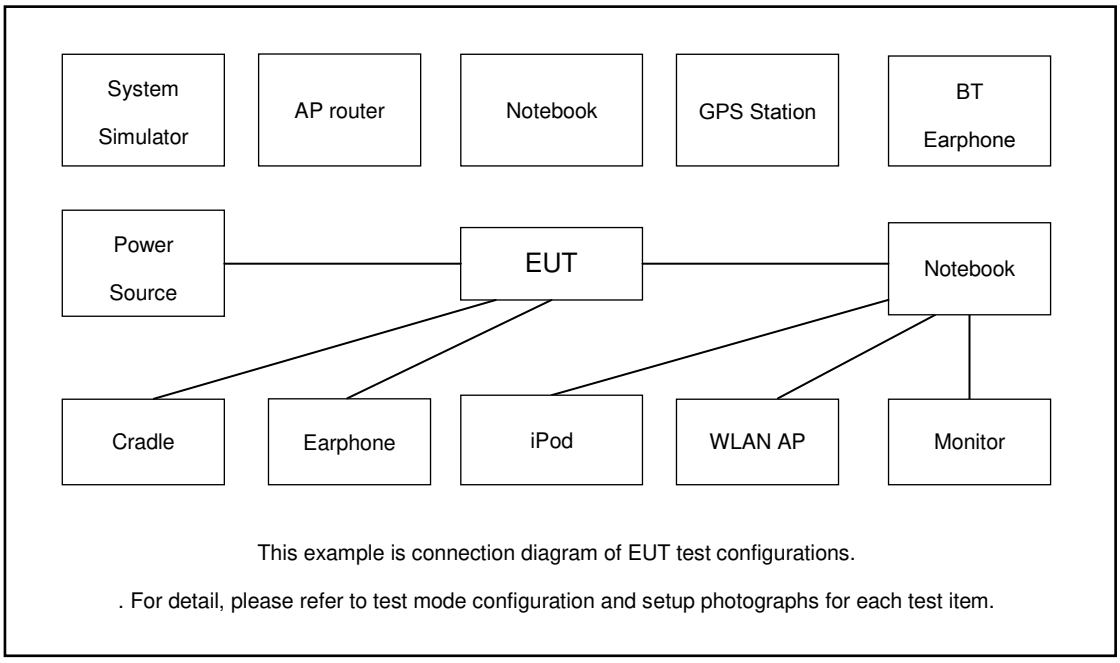
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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	-	-	-
M	Middle	42	58	106
H	High	-	-	122
Straddle		-	-	138

Remark: For radiated emission, all the tests were performed with adapter 1.

2.3 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

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.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
3.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
4.	HD USB	Lenovo	F310S	FCC DoC	Shielded, 0.5m	N/A

2.5 EUT Operation Test Setup

The RF test items, programmed RF utility, “DRTU” installed in the EUT make the EUT provide functions like channel selection and power level for continuous transmitting signals.

3 Test Result

3.1 Maximum Conducted Output Power Measurement

3.1.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

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

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

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v01r04, 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.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04 for CDD modes.

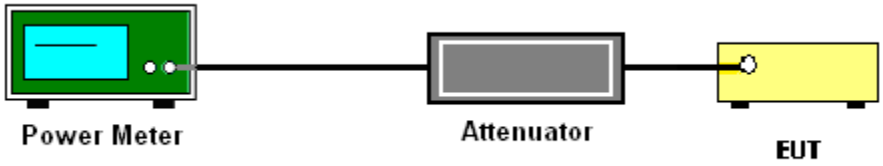
Method PM (Measurement using an RF average power meter):

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

For straddle channel, the testing follows Method SA-3 (RMS detection with max hold) of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04.

Compute power by integrating the spectrum across the 99% occupied bandwidth of the signal using the instrument's band power measurement function.

3.1.4 Test Setup



3.1.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

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

3.2.1 Limit of Unwanted Emissions

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

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

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

(2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits set forth 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)
-17	78.3
- 27	68.3

(3) KDB789033 D02 v01r04 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).

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r04. 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

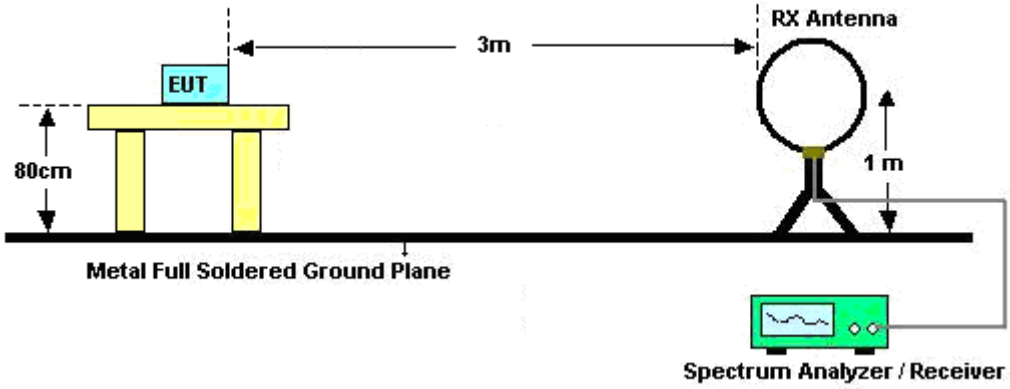
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

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

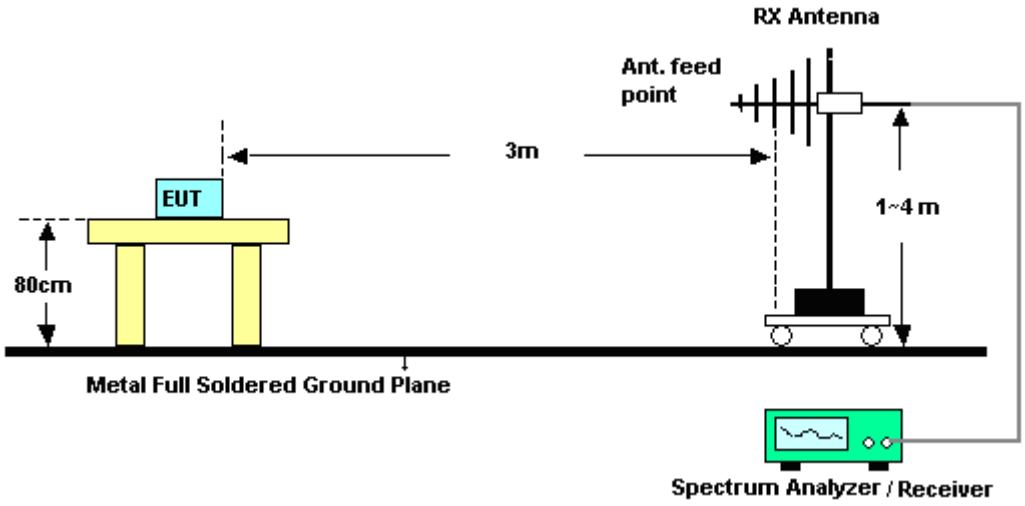
measured in average mode again and reported.

3.2.4 Test Setup

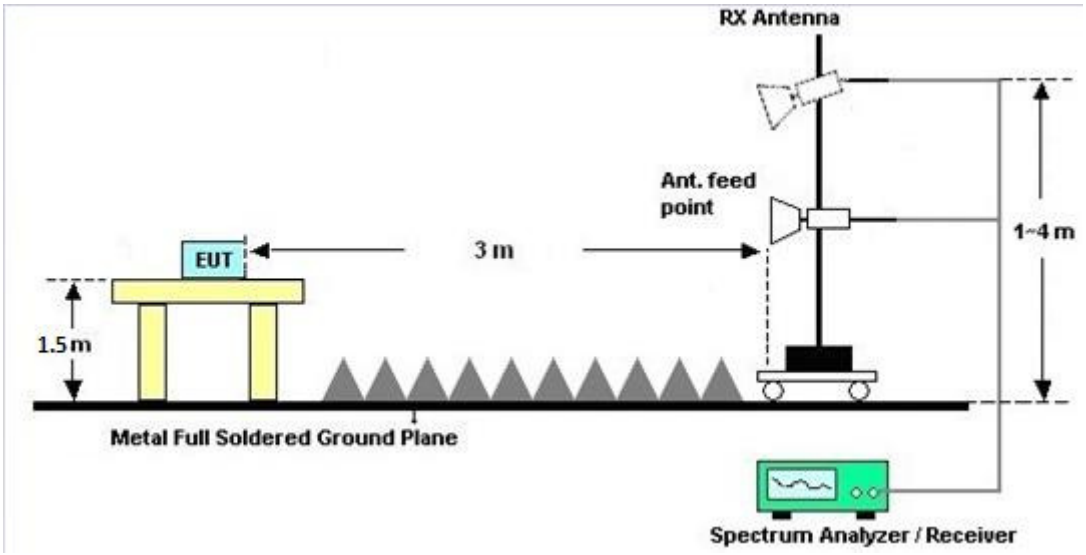
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.2.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.3 AC Conducted Emission Measurement

3.3.1 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.

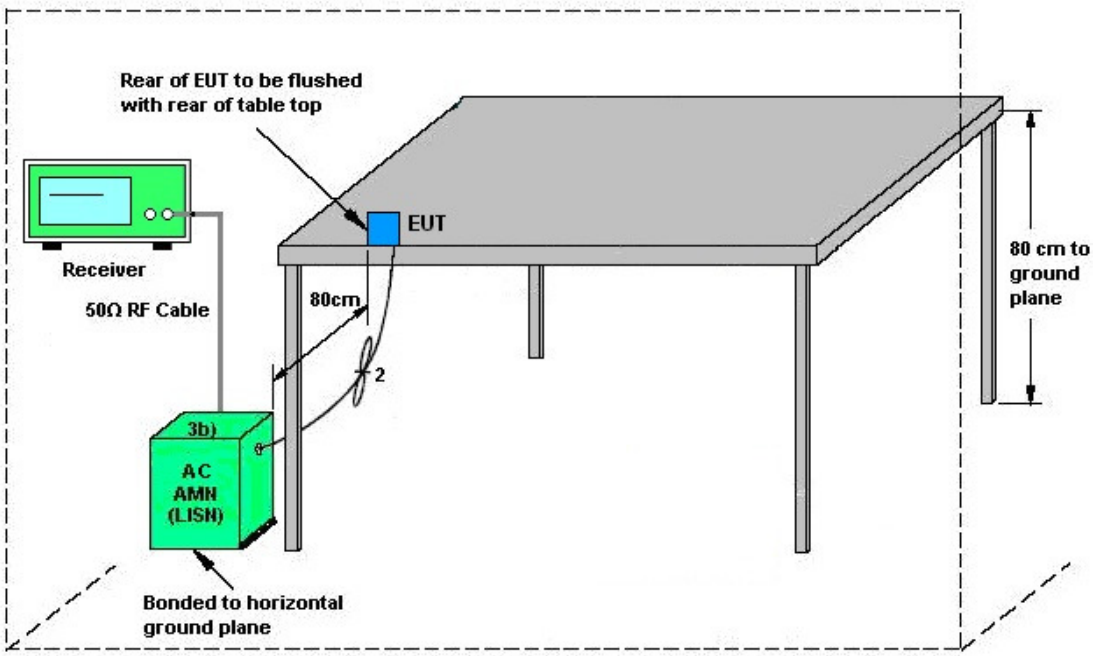
3.3.2 Measuring Instruments

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

3.3.3 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.

3.3.4 Test Setup



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

3.3.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.4 Antenna Requirements

3.4.1 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.

3.4.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.4.3 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

The directional gain “DG” is calculated as following table.

	Ant 1 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	Power Limit Reduction (dB)
Band I	2.93	2.97	2.97	0.00
Band II	2.93	2.97	2.97	0.00
Band III	2.93	2.97	2.97	0.00

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	0932001	N/A	Sep. 26, 2017	Oct. 27, 2017~ Dec. 16, 2017	Sep. 25, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 26, 2017	Oct. 27, 2017~ Dec. 16, 2017	Sep. 25, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 17, 2016	Oct. 27, 2017~ Nov. 08, 2017	Nov. 16, 2017	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 16, 2017	Dec. 16, 2017	Nov. 15, 2018	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 04, 2017	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Sep. 20, 2017	Dec. 04, 2017	Sep. 19, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 06, 2016	Dec. 04, 2017	Dec. 05, 2017	Conduction (CO05-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 18, 2017	Nov. 09, 2017~ Dec. 15, 2017	Jul. 17, 2018	Radiation (03CH12-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Oct. 20, 2016	Nov. 09, 2017~ Dec. 15, 2017	Oct. 19, 2018	Radiation (03CH12-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100390	20Hz~26.5GHz	Dec. 23, 2016	Nov. 09, 2017~ Dec. 15, 2017	Dec. 22, 2017	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1328	1GHz ~ 18GHz	Oct. 20, 2017	Nov. 09, 2017~ Dec. 15, 2017	Oct. 19, 2018	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 23, 2017	Nov. 09, 2017~ Dec. 15, 2017	Mar. 22, 2018	Radiation (03CH12-HY)
Preamplifier	MITEQ	AMF-7D-00101800	2025787	1GHz~18GHz	Feb. 13, 2017	Nov. 09, 2017~ Dec. 15, 2017	Feb. 12, 2018	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY53270148	1GHz~26.5GHz	Jan. 12, 2017	Nov. 09, 2017~ Dec. 15, 2017	Jan. 11, 2018	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 23, 2017	Nov. 09, 2017~ Dec. 15, 2017	Mar. 22, 2018	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Nov. 09, 2017~ Dec. 15, 2017	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Nov. 09, 2017~ Dec. 15, 2017	N/A	Radiation (03CH12-HY)
Attenuator	Fairview Microwave	SA18S5W-10	n/a	10db	Mar. 24, 2017	Nov. 09, 2017~ Dec. 15, 2017	Mar. 23, 2018	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz ~ 40GHz	Apr. 27, 2017	Nov. 09, 2017~ Dec. 15, 2017	Apr. 26, 2018	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	40103&04	30MHz to 1GHz	Jan. 07, 2017	Nov. 09, 2017~ Dec. 15, 2017	Jan. 06, 2018	Radiation (03CH12-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.70**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.10**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.20**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.70**

Appendix A. Test Result of Conducted Test Items

Remark:For Conducted Test Items, Ant. 1 means Chain 1 and Ant. 2 means Chain 2.

Test Engineer:	AC Chang and Reece Lin	Temperature:	21~25	°C
Test Date:	2017/10/27~2017/12/16	Relative Humidity:	51~54	%

Report Number : FR7O2534D

TEST RESULTS DATA
Average Power Table

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.25	0.25	14.78	14.99		21.00	21.00	2.93	2.97		Pass
11a	6Mbps	1	44	5220	0.25	0.25	14.76	14.82		21.00	21.00	2.93	2.97		Pass
11a	6Mbps	1	48	5240	0.25	0.25	14.87	14.96		21.00	21.00	2.93	2.97		Pass
HT20	MCS0	1	36	5180	0.20	0.22	14.80	14.89		21.00	21.00	2.93	2.97		Pass
HT20	MCS0	1	44	5220	0.20	0.22	14.81	14.82		21.00	21.00	2.93	2.97		Pass
HT20	MCS0	1	48	5240	0.20	0.22	14.67	14.81		21.00	21.00	2.93	2.97		Pass
HT40	MCS0	1	38	5190	0.52	0.52	14.84	14.85		21.00	21.00	2.93	2.97		Pass
HT40	MCS0	1	46	5230	0.52	0.52	14.86	14.87		21.00	21.00	2.93	2.97		Pass
VHT20	MCS0	1	36	5180	0.22	0.22	14.79	14.84		21.00	21.00	2.93	2.97		Pass
VHT20	MCS0	1	44	5220	0.22	0.22	14.63	14.64		21.00	21.00	2.93	2.97		Pass
VHT20	MCS0	1	48	5240	0.22	0.22	14.62	14.74		21.00	21.00	2.93	2.97		Pass
VHT40	MCS0	1	38	5190	0.52	0.48	14.82	14.83		21.00	21.00	2.93	2.97		Pass
VHT40	MCS0	1	46	5230	0.52	0.48	14.73	14.78		21.00	21.00	2.93	2.97		Pass
VHT80	MCS0	1	42	5210	0.50	0.57	14.89	14.93		21.00	21.00	2.93	2.97		Pass
HT20	MCS 8	2	36	5180	0.55	0.55	11.99	11.40	14.71	21.00		2.97			Pass
HT20	MCS 8	2	44	5220	0.55	0.55	11.96	11.19	14.60	21.00		2.97			Pass
HT20	MCS 8	2	48	5240	0.55	0.55	11.99	11.49	14.75	21.00		2.97			Pass
HT40	MCS 8	2	38	5190	0.53	0.57	12.00	11.16	14.61	21.00		2.97			Pass
HT40	MCS 8	2	46	5230	0.53	0.57	11.93	11.25	14.61	21.00		2.97			Pass
VHT20	MCS0	2	36	5180	0.50	0.50	11.94	11.20	14.59	21.00		2.97			Pass
VHT20	MCS0	2	44	5220	0.50	0.50	11.90	11.10	14.53	21.00		2.97			Pass
VHT20	MCS0	2	48	5240	0.50	0.50	11.97	11.40	14.70	21.00		2.97			Pass
VHT40	MCS0	2	38	5190	0.66	0.57	11.97	11.17	14.60	21.00		2.97			Pass
VHT40	MCS0	2	46	5230	0.66	0.57	11.97	10.96	14.50	21.00		2.97			Pass
VHT80	MCS0	2	42	5210	0.63	0.60	12.00	11.33	14.69	21.00		2.97			Pass

Report Number : FR7O2534D

TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.25	0.25	14.94	14.95		23.98	23.98	2.93	2.97	30	Pass
11a	6Mbps	1	60	5300	0.25	0.25	14.96	14.98		23.98	23.98	2.93	2.97	30	Pass
11a	6Mbps	1	64	5320	0.25	0.25	14.88	14.90		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS0	1	52	5260	0.20	0.22	14.79	14.91		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS0	1	60	5300	0.20	0.22	14.84	14.85		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS0	1	64	5320	0.20	0.22	14.73	14.77		23.98	23.98	2.93	2.97	30	Pass
HT40	MCS0	1	54	5270	0.52	0.52	14.95	14.97		23.98	23.98	2.93	2.97	30	Pass
HT40	MCS0	1	62	5310	0.52	0.52	14.87	14.89		23.98	23.98	2.93	2.97	30	Pass
VHT20	MCS0	1	52	5260	0.22	0.22	14.72	14.83		23.98	23.98	2.93	2.97	30	Pass
VHT20	MCS0	1	60	5300	0.22	0.22	14.74	14.75		23.98	23.98	2.93	2.97	30	Pass
VHT20	MCS0	1	64	5320	0.22	0.22	14.61	14.62		23.98	23.98	2.93	2.97	30	Pass
VHT40	MCS0	1	54	5270	0.52	0.48	14.88	14.89		23.98	23.98	2.93	2.97	30	Pass
VHT40	MCS0	1	62	5310	0.52	0.48	14.84	14.85		23.98	23.98	2.93	2.97	30	Pass
VHT80	MCS0	1	58	5290	0.50	0.57	14.28	14.55		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS 8	2	52	5260	0.55	0.55	11.98	11.83	14.91	23.98		2.97		30	Pass
HT20	MCS 8	2	60	5300	0.55	0.55	11.97	11.72	14.85	23.98		2.97		30	Pass
HT20	MCS 8	2	64	5320	0.55	0.55	11.96	11.70	14.84	23.98		2.97		30	Pass
HT40	MCS 8	2	54	5270	0.53	0.57	11.93	11.57	14.76	23.98		2.97		30	Pass
HT40	MCS 8	2	62	5310	0.53	0.57	11.99	11.31	14.67	23.98		2.97		30	Pass
VHT20	MCS0	2	52	5260	0.50	0.50	11.98	11.76	14.88	23.98		2.97		30	Pass
VHT20	MCS0	2	60	5300	0.50	0.50	11.91	11.62	14.77	23.98		2.97		30	Pass
VHT20	MCS0	2	64	5320	0.50	0.50	11.97	11.64	14.82	23.98		2.97		30	Pass
VHT40	MCS0	2	54	5270	0.66	0.57	11.93	11.50	14.73	23.98		2.97		30	Pass
VHT40	MCS0	2	62	5310	0.66	0.57	11.92	11.28	14.62	23.98		2.97		30	Pass
VHT80	MCS0	2	58	5290	0.63	0.60	12.00	11.64	14.83	23.98		2.97		30	Pass

Report Number : FR7O2534D

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.25	0.25	13.85	13.97		23.98	23.98	2.93	2.97	30	Pass
11a	6Mbps	1	116	5580	0.25	0.25	13.79	13.85		23.98	23.98	2.93	2.97	30	Pass
11a	6Mbps	1	140	5700	0.25	0.25	13.75	13.80		23.98	23.98	2.93	2.97	30	Pass
11a	6Mbps	1	144	5720	0.25	0.25	13.72	13.75		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS0	1	100	5500	0.20	0.22	13.70	13.71		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS0	1	116	5580	0.20	0.22	13.65	13.67		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS0	1	140	5700	0.20	0.22	13.62	13.63		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS0	1	144	5720	0.20	0.22	13.55	13.57		23.98	23.98	2.93	2.97	30	Pass
HT40	MCS0	1	102	5510	0.52	0.52	13.82	13.87		23.98	23.98	2.93	2.97	30	Pass
HT40	MCS0	1	110	5550	0.52	0.52	13.67	13.70		23.98	23.98	2.93	2.97	30	Pass
HT40	MCS0	1	134	5670	0.52	0.52	13.57	13.62		23.98	23.98	2.93	2.97	30	Pass
HT40	MCS0	1	142	5710	0.52	0.52	13.54	13.55		23.98	23.98	2.93	2.97	30	Pass
VHT20	MCS0	1	100	5500	0.22	0.22	13.60	13.64		23.98	23.98	2.93	2.97	30	Pass
VHT20	MCS0	1	116	5580	0.22	0.22	13.57	13.60		23.98	23.98	2.93	2.97	30	Pass
VHT20	MCS0	1	140	5700	0.22	0.22	13.56	13.57		23.98	23.98	2.93	2.97	30	Pass
VHT20	MCS0	1	144	5720	0.22	0.22	13.54	13.55		23.98	23.98	2.93	2.97	30	Pass
VHT40	MCS0	1	102	5510	0.52	0.48	13.79	13.83		23.98	23.98	2.93	2.97	30	Pass
VHT40	MCS0	1	110	5550	0.52	0.48	13.66	13.69		23.98	23.98	2.93	2.97	30	Pass
VHT40	MCS0	1	134	5670	0.52	0.48	13.56	13.58		23.98	23.98	2.93	2.97	30	Pass
VHT40	MCS0	1	142	5710	0.52	0.48	13.53	13.54		23.98	23.98	2.93	2.97	30	Pass
VHT80	MCS0	1	106	5530	0.50	0.57	13.80	13.82		23.98	23.98	2.93	2.97	30	Pass
VHT80	MCS0	1	122	5610	0.50	0.57	13.65	13.67		23.98	23.98	2.93	2.97	30	Pass
VHT80	MCS0	1	138	5690	0.50	0.57	13.63	13.65		23.98	23.98	2.93	2.97	30	Pass
HT20	MCS 8	2	100	5500	0.55	0.55	10.80	10.99	13.90	23.98		2.97		30	Pass
HT20	MCS 8	2	116	5580	0.55	0.55	10.97	10.55	13.77	23.98		2.97		30	Pass
HT20	MCS 8	2	140	5700	0.55	0.55	10.65	10.79	13.73	23.98		2.97		30	Pass
HT20	MCS 8	2	144	5720	0.55	0.55	10.67	10.65	13.67	23.98		2.97		30	Pass
HT40	MCS 8	2	102	5510	0.53	0.57	10.66	10.97	13.83	23.98		2.97		30	Pass
HT40	MCS 8	2	110	5550	0.53	0.57	10.98	10.57	13.79	23.98		2.97		30	Pass
HT40	MCS 8	2	134	5670	0.53	0.57	10.78	10.51	13.66	23.98		2.97		30	Pass
HT40	MCS 8	2	142	5710	0.53	0.57	10.54	10.73	13.65	23.98		2.97		30	Pass
VHT20	MCS0	2	100	5500	0.50	0.50	10.72	10.99	13.86	23.98		2.97		30	Pass
VHT20	MCS0	2	116	5580	0.50	0.50	10.85	10.55	13.71	23.98		2.97		30	Pass
VHT20	MCS0	2	140	5700	0.50	0.50	10.66	10.70	13.69	23.98		2.97		30	Pass
VHT20	MCS0	2	144	5720	0.50	0.50	10.62	10.60	13.62	23.98		2.97		30	Pass
VHT40	MCS0	2	102	5510	0.66	0.57	10.74	10.87	13.81	23.98		2.97		30	Pass
VHT40	MCS0	2	110	5550	0.66	0.57	10.86	10.57	13.73	23.98		2.97		30	Pass
VHT40	MCS0	2	134	5670	0.66	0.57	10.78	10.47	13.64	23.98		2.97		30	Pass
VHT40	MCS0	2	142	5710	0.66	0.57	10.69	10.55	13.63	23.98		2.97		30	Pass
VHT80	MCS0	2	106	5530	0.63	0.60	10.83	10.65	13.75	23.98		2.97		30	Pass
VHT80	MCS0	2	122	5610	0.63	0.60	10.78	10.45	13.63	23.98		2.97		30	Pass
VHT80	MCS0	2	138	5690	0.63	0.60	10.74	10.40	13.58	23.98		2.97		30	Pass

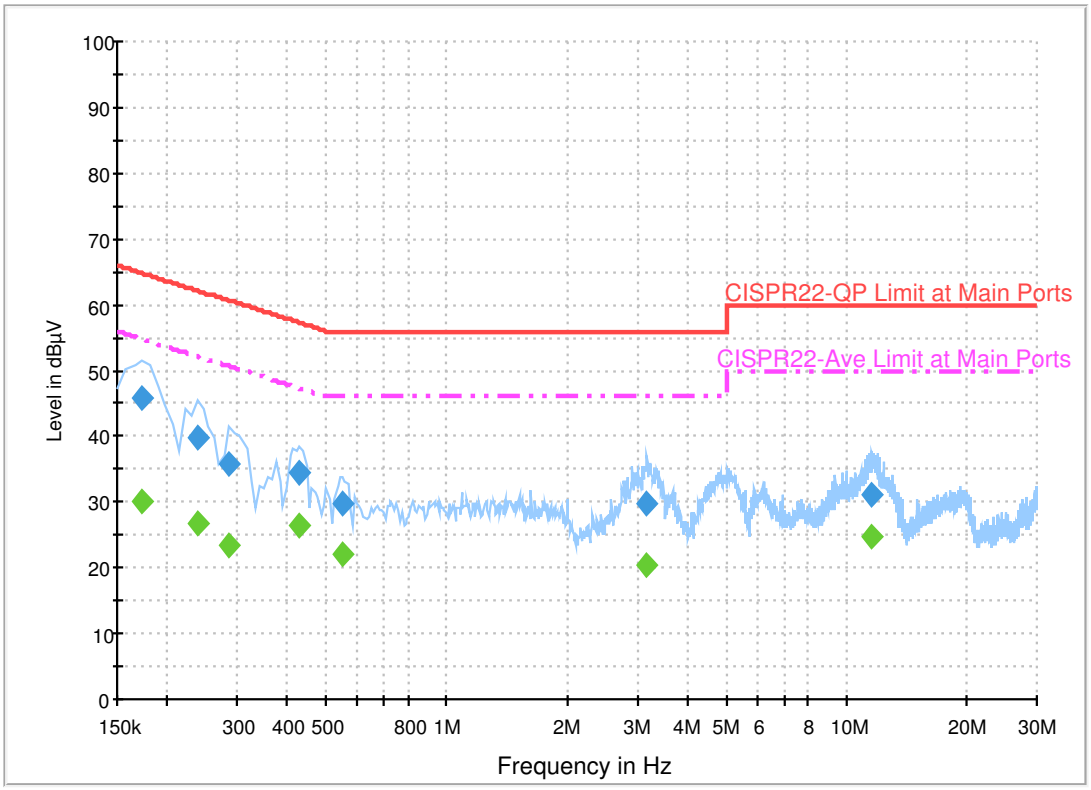
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Blue Lan	**Temperature :**	24~25℃
		Relative Humidity :	60~63%

EUT Information

Report NO :	7O2534
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

ENV216 Auto Test-L



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.174000	45.9	Off	L1	19.5	18.9	64.8
0.238000	39.7	Off	L1	19.5	22.5	62.2
0.286000	35.7	Off	L1	19.5	24.9	60.6
0.430000	34.3	Off	L1	19.5	23.0	57.3
0.550000	29.6	Off	L1	19.5	26.4	56.0
3.174000	29.9	Off	L1	19.5	26.1	56.0
11.558000	31.0	Off	L1	19.7	29.0	60.0

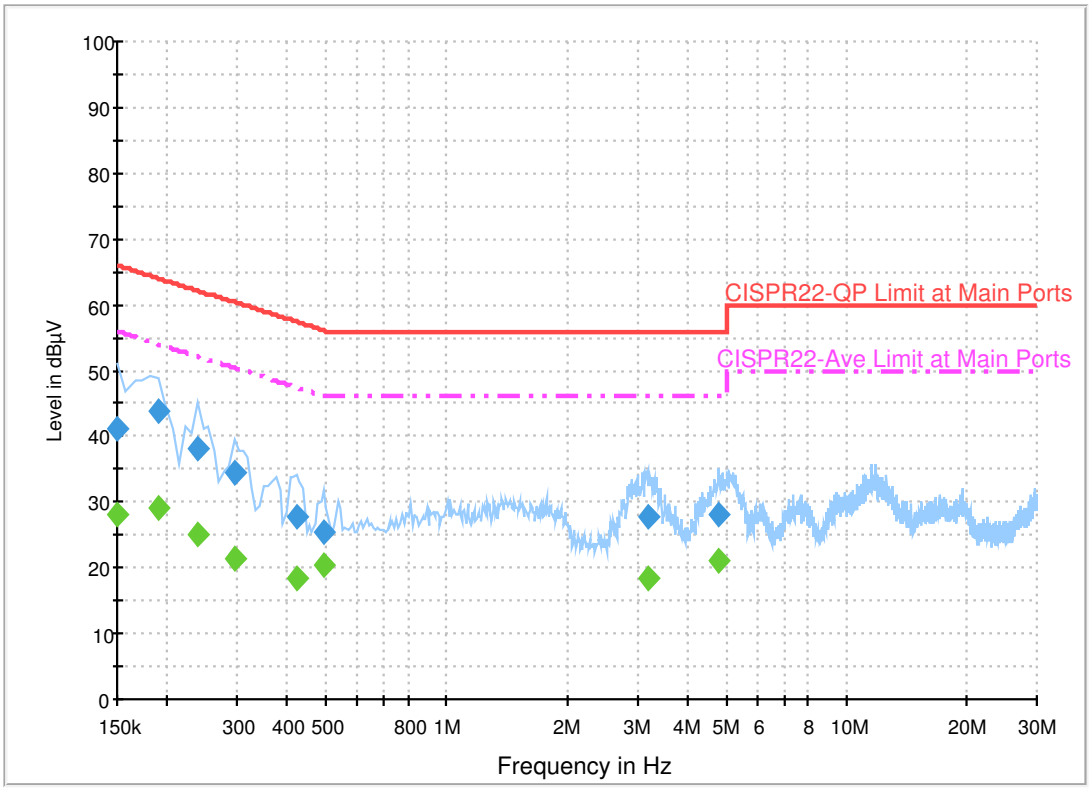
Final Result 2

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.174000	30.1	Off	L1	19.5	24.7	54.8
0.238000	26.6	Off	L1	19.5	25.6	52.2
0.286000	23.3	Off	L1	19.5	27.3	50.6
0.430000	26.4	Off	L1	19.5	20.9	47.3
0.550000	22.0	Off	L1	19.5	24.0	46.0
3.174000	20.3	Off	L1	19.5	25.7	46.0
11.558000	24.8	Off	L1	19.7	25.2	50.0

EUT Information

Report NO :	7O2534
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

ENV216 Auto Test-N



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	41.1	Off	N	19.5	24.9	66.0
0.190000	43.8	Off	N	19.5	20.2	64.0
0.238000	38.0	Off	N	19.5	24.2	62.2
0.294000	34.3	Off	N	19.5	26.1	60.4
0.422000	27.7	Off	N	19.5	29.7	57.4
0.494000	25.6	Off	N	19.5	30.5	56.1
3.182000	27.9	Off	N	19.5	28.1	56.0
4.806000	28.1	Off	N	19.6	27.9	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	28.1	Off	N	19.5	27.9	56.0
0.190000	29.0	Off	N	19.5	25.0	54.0
0.238000	25.2	Off	N	19.5	27.0	52.2
0.294000	21.6	Off	N	19.5	28.8	50.4
0.422000	18.4	Off	N	19.5	29.0	47.4
0.494000	20.5	Off	N	19.5	25.6	46.1
3.182000	18.5	Off	N	19.5	27.5	46.0
4.806000	21.2	Off	N	19.6	24.8	46.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Ray Chen, Karl Hou, and Nick Yu	Temperature :	23~24°C
		Relative Humidity :	65~66%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5141.96	52.93	-21.07	74	46.11	31.79	5.98	30.95	400	257	P	H
		5150	42.98	-11.02	54	36.15	31.79	5.99	30.95	400	257	A	H
	*	5180	109.39	-	-	102.51	31.81	6.02	30.95	400	257	P	H
	*	5180	98.51	-	-	91.63	31.81	6.02	30.95	400	257	A	H
													H
													H
		5139.62	58.42	-15.58	74	51.6	31.79	5.98	30.95	284	207	P	V
		5149.5	46.63	-7.37	54	39.8	31.79	5.99	30.95	284	207	A	V
	*	5180	112.5	-	-	105.62	31.81	6.02	30.95	284	207	P	V
	*	5180	101.87	-	-	94.99	31.81	6.02	30.95	284	207	A	V
													V
													V
802.11a CH 44 5220MHz		5144.82	49.32	-24.68	74	42.49	31.79	5.99	30.95	394	247	P	H
		5147.68	39.14	-14.86	54	32.31	31.79	5.99	30.95	394	247	A	H
	*	5220	109.33	-	-	102.41	31.83	6.04	30.95	394	247	P	H
	*	5220	98.54	-	-	91.62	31.83	6.04	30.95	394	247	A	H
		5378.52	51.09	-22.91	74	43.96	31.93	6.15	30.95	394	247	P	H
		5382.16	38.98	-15.02	54	31.85	31.93	6.15	30.95	394	247	A	H
		5141.7	52.61	-21.39	74	45.79	31.79	5.98	30.95	300	223	P	V
		5149.5	42.24	-11.76	54	35.41	31.79	5.99	30.95	300	223	A	V
	*	5220	113.66	-	-	106.74	31.83	6.04	30.95	300	223	P	V
	*	5220	102.83	-	-	95.91	31.83	6.04	30.95	300	223	A	V
		5376.28	52.61	-21.39	74	45.49	31.92	6.15	30.95	300	223	P	V
		5377.68	41.75	-12.25	54	34.62	31.93	6.15	30.95	300	223	A	V

802.11a CH 48 5240MHz		5123.5	49.01	-24.99	74	42.21	31.78	5.97	30.95	392	249	P	H
		5146.9	38.85	-15.15	54	32.02	31.79	5.99	30.95	392	249	A	H
	*	5240	110.17	-	-	103.23	31.84	6.05	30.95	392	249	P	H
	*	5240	99.39	-	-	92.45	31.84	6.05	30.95	392	249	A	H
		5395.88	50.66	-23.34	74	43.51	31.94	6.16	30.95	392	249	P	H
		5350.8	39.27	-14.73	54	32.19	31.91	6.12	30.95	392	249	A	H
		5147.68	51.54	-22.46	74	44.71	31.79	5.99	30.95	280	224	P	V
		5149.76	41.47	-12.53	54	34.64	31.79	5.99	30.95	280	224	A	V
	*	5240	113.75	-	-	106.81	31.84	6.05	30.95	280	224	P	V
	*	5240	102.84	-	-	95.9	31.84	6.05	30.95	280	224	A	V
		5356.96	53.81	-20.19	74	46.73	31.91	6.12	30.95	280	224	P	V
		5350.52	42.22	-11.78	54	35.14	31.91	6.12	30.95	280	224	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.77	-26.23	74	63.32	39.86	9.25	65.2	100	0	P	H
		15540	46.96	-27.04	74	60.18	38.53	11.47	63.98	100	0	P	H
													H
													H
		10360	47.63	-26.37	74	63.18	39.86	9.25	65.2	100	0	P	V
		15540	46.29	-27.71	74	59.51	38.53	11.47	63.98	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	47.21	-26.79	74	62.61	39.98	9.28	65.2	100	0	P	H
		15660	49.97	-24.03	74	63.64	38.29	11.53	64.24	100	0	P	H
													H
													H
		10440	47.4	-26.6	74	62.8	39.98	9.28	65.2	100	0	P	V
		15660	49.77	-24.23	74	63.44	38.29	11.53	64.24	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	48.97	-25.03	74	64.25	40.07	9.31	65.2	100	0	P	H
		15720	50.96	-23.04	74	64.9	38.15	11.56	64.39	100	35	P	H
		15720	38.25	-15.75	54	52.19	38.15	11.56	64.39	100	35	A	H
													H
		10480	49.38	-24.62	74	64.66	40.07	9.31	65.2	100	0	P	V
		15720	54.57	-19.43	74	68.51	38.15	11.56	64.39	116	188	P	V
		15720	40.34	-13.66	54	54.28	38.15	11.56	64.39	116	188	A	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5146.9	54.63	-19.37	74	47.8	31.79	5.99	30.95	400	256	P	H
		5150	42.49	-11.51	54	35.66	31.79	5.99	30.95	400	256	A	H
	*	5180	109.15	-	-	102.27	31.81	6.02	30.95	400	256	P	H
	*	5180	98.25	-	-	91.37	31.81	6.02	30.95	400	256	A	H
802.11n													H
HT20													H
CH 36		5149.5	59.8	-14.2	74	52.97	31.79	5.99	30.95	286	209	P	V
5180MHz		5149.76	47.07	-6.93	54	40.24	31.79	5.99	30.95	286	209	A	V
	*	5180	112.5	-	-	105.62	31.81	6.02	30.95	286	209	P	V
	*	5180	101.67	-	-	94.79	31.81	6.02	30.95	286	209	A	V
													V
													V
		5132.34	49.47	-24.53	74	42.66	31.78	5.98	30.95	394	247	P	H
		5148.46	38.92	-15.08	54	32.09	31.79	5.99	30.95	394	247	A	H
	*	5220	109.19	-	-	102.27	31.83	6.04	30.95	394	247	P	H
	*	5220	98.44	-	-	91.52	31.83	6.04	30.95	394	247	A	H
802.11n		5418	49.62	-24.38	74	42.44	31.95	6.18	30.95	394	247	P	H
HT20		5376.28	38.95	-15.05	54	31.83	31.92	6.15	30.95	394	247	A	H
CH 44		5146.9	52.41	-21.59	74	45.58	31.79	5.99	30.95	299	223	P	V
5220MHz		5150	42.25	-11.75	54	35.42	31.79	5.99	30.95	299	223	A	V
	*	5220	113.32	-	-	106.4	31.83	6.04	30.95	299	223	P	V
	*	5220	102.46	-	-	95.54	31.83	6.04	30.95	299	223	A	V
		5386.36	52.43	-21.57	74	45.3	31.93	6.15	30.95	299	223	P	V
		5381.04	41.82	-12.18	54	34.69	31.93	6.15	30.95	299	223	A	V

		5149.24	49.54	-24.46	74	42.71	31.79	5.99	30.95	392	247	P	H
		5150	38.96	-15.04	54	32.13	31.79	5.99	30.95	392	247	A	H
	*	5240	109.74	-	-	102.8	31.84	6.05	30.95	392	247	P	H
	*	5240	98.88	-	-	91.94	31.84	6.05	30.95	392	247	A	H
802.11n		5352.48	50.73	-23.27	74	43.65	31.91	6.12	30.95	392	247	P	H
HT20		5367.32	39.05	-14.95	54	31.94	31.92	6.14	30.95	392	247	A	H
CH 48		5144.04	52.67	-21.33	74	45.84	31.79	5.99	30.95	296	223	P	V
5240MHz		5149.76	41.55	-12.45	54	34.72	31.79	5.99	30.95	296	223	A	V
	*	5240	113.55	-	-	106.61	31.84	6.05	30.95	296	223	P	V
	*	5240	102.88	-	-	95.94	31.84	6.05	30.95	296	223	A	V
		5362.28	52.98	-21.02	74	45.87	31.92	6.14	30.95	296	223	P	V
		5395.6	42.16	-11.84	54	35.01	31.94	6.16	30.95	296	223	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	47.4	-26.6	74	62.95	39.86	9.25	65.2	100	0	P	H
		15540	47.5	-26.5	74	60.72	38.53	11.47	63.98	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	47.75	-26.25	74	63.3	39.86	9.25	65.2	100	0	P	V
5180MHz		15540	48.79	-25.21	74	62.01	38.53	11.47	63.98	100	0	P	V
													V
													V
		10440	48.26	-25.74	74	63.66	39.98	9.28	65.2	100	0	P	H
		15660	50.09	-23.91	74	63.76	38.29	11.53	64.24	100	39	P	H
802.11n		15660	36.92	-17.08	54	50.59	38.29	11.53	64.24	100	39	A	H
HT20													H
CH 44		10440	48.17	-25.83	74	63.57	39.98	9.28	65.2	100	0	P	V
5220MHz		15660	49.97	-24.03	74	63.64	38.29	11.53	64.24	100	0	P	V
													V
													V
		10480	48.78	-25.22	74	64.06	40.07	9.31	65.2	100	0	P	H
		15720	51.16	-22.84	74	65.1	38.15	11.56	64.39	100	35	P	H
802.11n		15720	37.86	-16.14	54	51.8	38.15	11.56	64.39	100	35	A	H
HT20													H
CH 48		10480	48.81	-25.19	74	64.09	40.07	9.31	65.2	100	0	P	V
5240MHz		15720	55.69	-18.31	74	69.63	38.15	11.56	64.39	116	182	P	V
		15720	41.99	-12.01	54	55.93	38.15	11.56	64.39	116	182	A	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5149.76	56.27	-17.73	74	49.44	31.79	5.99	30.95	398	257	P	H
		5149.76	46.65	-7.35	54	39.82	31.79	5.99	30.95	398	257	A	H
	*	5190	106.56	-	-	99.68	31.81	6.02	30.95	398	257	P	H
	*	5190	95.66	-	-	88.78	31.81	6.02	30.95	398	257	A	H
		5350.52	49.93	-24.07	74	42.85	31.91	6.12	30.95	398	257	P	H
		5352.48	40.12	-13.88	54	33.04	31.91	6.12	30.95	398	257	A	H
		5148.72	62.76	-11.24	74	55.93	31.79	5.99	30.95	284	225	P	V
		5149.76	51.12	-2.88	54	44.29	31.79	5.99	30.95	284	225	A	V
	*	5190	110.13	-	-	103.25	31.81	6.02	30.95	284	225	P	V
	*	5190	99.25	-	-	92.37	31.81	6.02	30.95	284	225	A	V
		5351.08	53.23	-20.77	74	46.15	31.91	6.12	30.95	284	225	P	V
		5353.6	42.32	-11.68	54	35.24	31.91	6.12	30.95	284	225	A	V
802.11n HT40 CH 46 5230MHz		5091	49.93	-24.07	74	43.17	31.76	5.95	30.95	392	248	P	H
		5150	40.05	-13.95	54	33.22	31.79	5.99	30.95	392	248	A	H
	*	5230	106.99	-	-	100.06	31.84	6.04	30.95	392	248	P	H
	*	5230	96.06	-	-	89.13	31.84	6.04	30.95	392	248	A	H
		5385.8	51.27	-22.73	74	44.14	31.93	6.15	30.95	392	248	P	H
		5401.2	40.1	-13.9	54	32.95	31.94	6.16	30.95	392	248	A	H
		5147.42	53.44	-20.56	74	46.61	31.79	5.99	30.95	297	221	P	V
		5149.24	43.53	-10.47	54	36.7	31.79	5.99	30.95	297	221	A	V
	*	5230	110.59	-	-	103.66	31.84	6.04	30.95	297	221	P	V
	*	5230	100.25	-	-	93.32	31.84	6.04	30.95	297	221	A	V
		5355.84	53.9	-20.1	74	46.82	31.91	6.12	30.95	297	221	P	V
		5357.8	44.84	-9.16	54	37.76	31.91	6.12	30.95	297	221	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	48.85	-25.15	74	64.36	39.89	9.26	65.2	100	0	P	H
		15570	46.42	-27.58	74	59.77	38.46	11.49	64.05	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	48.48	-25.52	74	63.99	39.89	9.26	65.2	100	0	P	V
5190MHz		15570	46.73	-27.27	74	60.08	38.46	11.49	64.05	100	0	P	V
													V
													V
		10460	48.77	-25.23	74	64.13	40.01	9.29	65.2	100	0	P	H
		15690	48.33	-25.67	74	62.15	38.22	11.54	64.32	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	48.56	-25.44	74	63.92	40.01	9.29	65.2	100	0	P	V
5230MHz		15690	48.11	-25.89	74	61.93	38.22	11.54	64.32	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5149.5	55.25	-18.75	74	48.42	31.79	5.99	30.95	392	250	P	H
		5145.34	45.06	-8.94	54	38.23	31.79	5.99	30.95	392	250	A	H
	*	5210	104.07	-	-	97.16	31.83	6.03	30.95	392	250	P	H
	*	5210	93.04	-	-	86.13	31.83	6.03	30.95	392	250	A	H
		5350.24	50.53	-23.47	74	43.45	31.91	6.12	30.95	392	250	P	H
		5352.48	40.49	-13.51	54	33.41	31.91	6.12	30.95	392	250	A	H
		5149.5	59.79	-14.21	74	52.96	31.79	5.99	30.95	299	221	P	V
		5147.94	50.8	-3.2	54	43.97	31.79	5.99	30.95	299	221	A	V
	*	5210	108.27	-	-	101.36	31.83	6.03	30.95	299	221	P	V
	*	5210	97.14	-	-	90.23	31.83	6.03	30.95	299	221	A	V
		5361.16	54.64	-19.36	74	47.53	31.92	6.14	30.95	299	221	P	V
		5351.92	44.02	-9.98	54	36.94	31.91	6.12	30.95	299	221	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	47.62	-26.38	74	63.06	39.95	9.27	65.2	100	0	P	H
		15630	46.48	-27.52	74	60.1	38.32	11.51	64.2	100	0	P	H
													H
													H
		10420	48.14	-25.86	74	63.58	39.95	9.27	65.2	100	0	P	V
		15630	47.77	-26.23	74	61.39	38.32	11.51	64.2	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Chain				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5144.16	50.32	-23.68	74	43.49	31.79	5.99	30.95	389	247	P	H
		5141.44	38.93	-15.07	54	32.11	31.79	5.98	30.95	389	247	A	H
	*	5260	109.69	-	-	102.71	31.86	6.07	30.95	389	247	P	H
	*	5260	98.57	-	-	91.59	31.86	6.07	30.95	389	247	A	H
		5351.52	49.56	-24.44	74	42.48	31.91	6.12	30.95	389	247	P	H
		5389.68	39.08	-14.92	54	31.95	31.93	6.15	30.95	389	247	A	H
		5096.9	49.06	-24.94	74	42.3	31.76	5.95	30.95	105	310	P	V
		5146.88	38.37	-15.63	54	31.54	31.79	5.99	30.95	105	310	A	V
	*	5260	110.21	-	-	103.23	31.86	6.07	30.95	105	310	P	V
	*	5260	99.02	-	-	92.04	31.86	6.07	30.95	105	310	A	V
		5351.28	52.31	-21.69	74	45.23	31.91	6.12	30.95	105	310	P	V
		5353.44	41.27	-12.73	54	34.19	31.91	6.12	30.95	105	310	A	V
802.11a CH 60 5300MHz		5143.14	50.83	-23.17	74	44	31.79	5.99	30.95	382	244	P	H
		5147.9	38.86	-15.14	54	32.03	31.79	5.99	30.95	382	244	A	H
	*	5300	108.61	-	-	101.59	31.88	6.09	30.95	382	244	P	H
	*	5300	97.78	-	-	90.76	31.88	6.09	30.95	382	244	A	H
		5356.08	50.77	-23.23	74	43.69	31.91	6.12	30.95	382	244	P	H
		5350.32	39.55	-14.45	54	32.47	31.91	6.12	30.95	382	244	A	H
		5136.68	49.09	-24.91	74	42.28	31.78	5.98	30.95	110	311	P	V
		5145.86	38.19	-15.81	54	31.36	31.79	5.99	30.95	110	311	A	V
	*	5300	110.8	-	-	103.78	31.88	6.09	30.95	110	311	P	V
	*	5300	99.85	-	-	92.83	31.88	6.09	30.95	110	311	A	V
		5362.56	53.9	-20.1	74	46.79	31.92	6.14	30.95	110	311	P	V
		5351.28	43.12	-10.88	54	36.04	31.91	6.12	30.95	110	311	A	V

802.11a CH 64 5320MHz	*	5320	105.3	-	-	98.26	31.89	6.1	30.95	400	230	P	H
	*	5320	94.56	-	-	87.52	31.89	6.1	30.95	400	230	A	H
		5358.4	52.76	-21.24	74	45.66	31.91	6.14	30.95	400	230	P	H
		5350.72	41.79	-12.21	54	34.71	31.91	6.12	30.95	400	230	A	H
													H
													H
	*	5320	110.29	-	-	103.25	31.89	6.1	30.95	100	313	P	V
	*	5320	99.42	-	-	92.38	31.89	6.1	30.95	100	313	A	V
		5355.68	57.11	-16.89	74	50.03	31.91	6.12	30.95	100	313	P	V
		5350.56	46.48	-7.52	54	39.4	31.91	6.12	30.95	100	313	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	47.74	-26.26	74	62.96	40.11	9.33	65.2	100	0	P	H
		15780	51.86	-22.14	74	66	38.05	11.58	64.51	100	39	P	H
		15780	38.33	-15.67	54	52.47	38.05	11.58	64.51	100	39	A	H
													H
		10520	47.15	-26.85	74	62.37	40.11	9.33	65.2	100	0	P	V
		15780	54.38	-19.62	74	68.52	38.05	11.58	64.51	111	188	P	V
		15780	40.61	-13.39	54	54.75	38.05	11.58	64.51	111	188	A	V
													V
802.11a CH 60 5300MHz		10600	48.05	-25.95	74	63.15	40.18	9.36	65.18	100	0	P	H
		15900	49.93	-24.07	74	64.52	37.81	11.64	64.77	100	0	P	H
													H
													H
		10600	48.2	-25.8	74	63.3	40.18	9.36	65.18	100	0	P	V
		15900	49.98	-24.02	74	64.57	37.81	11.64	64.77	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	49.29	-24.71	74	64.34	40.21	9.38	65.17	100	0	P	H
		15960	49.83	-24.17	74	64.7	37.67	11.66	64.92	100	0	P	H
													H
													H
		10640	47.83	-26.17	74	62.88	40.21	9.38	65.17	100	0	P	V
		15960	49.86	-24.14	74	64.73	37.67	11.66	64.92	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5137.02	50.72	-23.28	74	43.91	31.78	5.98	30.95	390	252	P	H
		5145.18	38.82	-15.18	54	31.99	31.79	5.99	30.95	390	252	A	H
	*	5260	109.01	-	-	102.03	31.86	6.07	30.95	390	252	P	H
	*	5260	98.15	-	-	91.17	31.86	6.07	30.95	390	252	A	H
		5355.6	50.61	-23.39	74	43.53	31.91	6.12	30.95	390	252	P	H
		5351.52	39.29	-14.71	54	32.21	31.91	6.12	30.95	390	252	A	H
		5143.82	50.63	-23.37	74	43.8	31.79	5.99	30.95	312	237	P	V
		5148.24	40.4	-13.6	54	33.57	31.79	5.99	30.95	312	237	A	V
	*	5260	111.2	-	-	104.22	31.86	6.07	30.95	312	237	P	V
	*	5260	100.5	-	-	93.52	31.86	6.07	30.95	312	237	A	V
		5382.96	51.14	-22.86	74	44.01	31.93	6.15	30.95	312	237	P	V
		5351.04	40.42	-13.58	54	33.34	31.91	6.12	30.95	312	237	A	V
802.11n HT20 CH 60 5300MHz		5142.12	49.36	-24.64	74	42.54	31.79	5.98	30.95	400	257	P	H
		5145.86	38.87	-15.13	54	32.04	31.79	5.99	30.95	400	257	A	H
	*	5300	108.83	-	-	101.81	31.88	6.09	30.95	400	257	P	H
	*	5300	97.76	-	-	90.74	31.88	6.09	30.95	400	257	A	H
		5353.92	51.11	-22.89	74	44.03	31.91	6.12	30.95	400	257	P	H
		5350.08	40.79	-13.21	54	33.71	31.91	6.12	30.95	400	257	A	H
		5133.62	51.91	-22.09	74	45.1	31.78	5.98	30.95	308	230	P	V
		5144.84	41.02	-12.98	54	34.19	31.79	5.99	30.95	308	230	A	V
	*	5300	111.04	-	-	104.02	31.88	6.09	30.95	308	230	P	V
	*	5300	100.31	-	-	93.29	31.88	6.09	30.95	308	230	A	V
		5429.28	53.02	-20.98	74	45.83	31.96	6.18	30.95	308	230	P	V
		5376.72	42.08	-11.92	54	34.96	31.92	6.15	30.95	308	230	A	V

	*	5320	108.72	-	-	101.68	31.89	6.1	30.95	400	253	P	H
	*	5320	97.17	-	-	90.13	31.89	6.1	30.95	400	253	A	H
		5350.88	56.01	-17.99	74	48.93	31.91	6.12	30.95	400	253	P	H
		5350.72	43.39	-10.61	54	36.31	31.91	6.12	30.95	400	253	A	H
802.11n													H
HT20													H
CH 64	*	5320	110.34	-	-	103.3	31.89	6.1	30.95	288	230	P	V
5320MHz	*	5320	99.64	-	-	92.6	31.89	6.1	30.95	288	230	A	V
		5350.24	55.78	-18.22	74	48.7	31.91	6.12	30.95	288	230	P	V
		5350.08	45.75	-8.25	54	38.67	31.91	6.12	30.95	288	230	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	46.8	-27.2	74	62.02	40.11	9.33	65.2	100	0	P	H
		15780	51.26	-22.74	74	65.4	38.05	11.58	64.51	100	35	P	H
802.11n		15780	37.95	-16.05	54	52.09	38.05	11.58	64.51	100	35	A	H
HT20													H
CH 52		10520	48.19	-25.81	74	63.41	40.11	9.33	65.2	100	0	P	V
5260MHz		15780	56.54	-17.46	74	70.68	38.05	11.58	64.51	100	0	P	V
		15780	42.19	-11.81	54	56.33	38.05	11.58	64.51	100	0	A	V
													V
		10600	48.25	-25.75	74	63.35	40.18	9.36	65.18	100	0	P	H
		15900	48.16	-25.84	74	62.75	37.81	11.64	64.77	100	37	P	H
802.11n		15900	34.6	-19.4	54	49.19	37.81	11.64	64.77	100	37	A	H
HT20													H
CH 60		10600	48.15	-25.85	74	63.25	40.18	9.36	65.18	100	0	P	V
5300MHz		15900	48.89	-25.11	74	63.48	37.81	11.64	64.77	100	0	P	V
													V
													V
		5188	56.51	-17.49	74	49.63	31.81	6.02	30.95	400	257	P	H
		5188	43.61	-10.39	54	36.73	31.81	6.02	30.95	400	257	A	H
		10640	48.87	-25.13	74	63.92	40.21	9.38	65.17	100	0	P	H
802.11n		15960	48.33	-25.67	74	63.2	37.67	11.66	64.92	100	33	P	H
HT20		15960	35.2	-18.8	54	50.07	37.67	11.66	64.92	100	33	A	H
CH 64		5188	60.24	-13.76	74	53.36	31.81	6.02	30.95	288	230	P	V
5320MHz		5188	46.86	-7.14	54	39.98	31.81	6.02	30.95	288	230	A	V
		10640	48.27	-25.73	74	63.32	40.21	9.38	65.17	100	0	P	V
		15960	54.17	-19.83	74	69.04	37.67	11.66	64.92	378	152	P	V
		15960	40.97	-13.03	54	55.84	37.67	11.66	64.92	378	152	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5148.92	49.62	-24.38	74	42.79	31.79	5.99	30.95	388	246	P	H
		5146.88	39.98	-14.02	54	33.15	31.79	5.99	30.95	388	246	A	H
	*	5270	106.26	-	-	99.27	31.86	6.08	30.95	388	246	P	H
	*	5270	95.47	-	-	88.48	31.86	6.08	30.95	388	246	A	H
		5398.8	50.28	-23.72	74	43.13	31.94	6.16	30.95	388	246	P	H
		5393.76	40.32	-13.68	54	33.19	31.93	6.15	30.95	388	246	A	H
		5139.4	48.8	-25.2	74	41.99	31.78	5.98	30.95	100	310	P	V
		5147.56	39.36	-14.64	54	32.53	31.79	5.99	30.95	100	310	A	V
	*	5270	106.7	-	-	99.71	31.86	6.08	30.95	100	310	P	V
	*	5270	96.23	-	-	89.24	31.86	6.08	30.95	100	310	A	V
		5351.28	52.55	-21.45	74	45.47	31.91	6.12	30.95	100	310	P	V
		5351.28	42.98	-11.02	54	35.9	31.91	6.12	30.95	100	310	A	V
802.11n HT40 CH 62 5310MHz		5148.24	50.67	-23.33	74	43.84	31.79	5.99	30.95	400	258	P	H
		5147.56	39.57	-14.43	54	32.74	31.79	5.99	30.95	400	258	A	H
	*	5310	105.81	-	-	98.77	31.89	6.1	30.95	400	258	P	H
	*	5310	95.04	-	-	88	31.89	6.1	30.95	400	258	A	H
		5352.48	58.38	-15.62	74	51.3	31.91	6.12	30.95	400	258	P	H
		5350.08	49.59	-4.41	54	42.51	31.91	6.12	30.95	400	258	A	H
		5141.78	51.34	-22.66	74	44.52	31.79	5.98	30.95	305	235	P	V
		5146.2	41.47	-12.53	54	34.64	31.79	5.99	30.95	305	235	A	V
	*	5310	107.42	-	-	100.38	31.89	6.1	30.95	305	235	P	V
	*	5310	96.86	-	-	89.82	31.89	6.1	30.95	305	235	A	V
		5350.56	61.41	-12.59	74	54.33	31.91	6.12	30.95	305	235	P	V
		5350.32	51.25	-2.75	54	44.17	31.91	6.12	30.95	305	235	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.26	-25.74	74	63.44	40.13	9.34	65.19	100	0	P	H
		15810	48.99	-25.01	74	63.25	37.98	11.6	64.58	100	39	P	H
802.11n		15810	36.05	-17.95	54	50.31	37.98	11.6	64.58	100	39	A	H
HT40													H
CH 54		10540	48.89	-25.11	74	64.07	40.13	9.34	65.19	100	0	P	V
5270MHz		15810	49.53	-24.47	74	63.79	37.98	11.6	64.58	100	0	P	V
													V
													V
		10620	47.58	-26.42	74	62.66	40.2	9.37	65.18	100	0	P	H
		15930	48.03	-25.97	74	62.75	37.74	11.66	64.85	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	47.28	-26.72	74	62.36	40.2	9.37	65.18	100	0	P	V
5310MHz		15930	47.99	-26.01	74	62.71	37.74	11.66	64.85	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5148.24	50.14	-23.86	74	43.31	31.79	5.99	30.95	392	107	P	H
		5144.84	40.49	-13.51	54	33.66	31.79	5.99	30.95	392	107	A	H
	*	5290	98.87	-	-	91.86	31.87	6.09	30.95	392	107	P	H
	*	5290	88.17	-	-	81.16	31.87	6.09	30.95	392	107	A	H
		5352.96	61.48	-12.52	74	54.4	31.91	6.12	30.95	392	107	P	H
		5352.48	50.95	-3.05	54	43.87	31.91	6.12	30.95	392	107	A	H
		5142.8	51.3	-22.7	74	44.47	31.79	5.99	30.95	300	127	P	V
		5149.94	41.3	-12.7	54	34.47	31.79	5.99	30.95	300	127	A	V
	*	5290	101.81	-	-	94.8	31.87	6.09	30.95	300	127	P	V
	*	5290	90.91	-	-	83.9	31.87	6.09	30.95	300	127	A	V
		5361.6	63.28	-10.72	74	56.17	31.92	6.14	30.95	300	127	P	V
		5351.04	53.32	-0.68	54	46.24	31.91	6.12	30.95	300	127	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	48.81	-25.19	74	55.67	40.17	9.36	56.93	100	0	P	H
		15870	45.64	-28.36	74	51.72	37.84	11.62	56.27	100	0	P	H
													H
													H
		10580	48.66	-25.34	74	55.52	40.17	9.36	56.93	100	0	P	V
		15870	46.36	-27.64	74	52.44	37.84	11.62	56.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Chain				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5408.88	50.99	-23.01	74	43.84	31.94	6.16	30.95	395	236	P	H
		5462.96	50.81	-17.39	68.2	43.57	31.98	6.21	30.95	395	236	P	H
		5458.64	39.65	-14.35	54	32.42	31.97	6.21	30.95	395	236	A	H
	*	5500	105.99	-	-	98.7	32	6.24	30.95	395	236	P	H
	*	5500	95.13	-	-	87.84	32	6.24	30.95	395	236	A	H
													H
		5459.76	57.73	-16.27	74	50.5	31.97	6.21	30.95	272	216	P	V
		5467.12	56.74	-11.46	68.2	49.48	31.98	6.23	30.95	272	216	P	V
		5406.8	44.6	-9.4	54	37.45	31.94	6.16	30.95	272	216	A	V
	*	5500	112.49	-	-	105.2	32	6.24	30.95	272	216	P	V
	*	5500	101.66	-	-	94.37	32	6.24	30.95	272	216	A	V
													V
802.11a CH 116 5580MHz		5454.64	49.95	-24.05	74	42.72	31.97	6.21	30.95	400	253	P	H
		5463.04	50.26	-17.94	68.2	43.02	31.98	6.21	30.95	400	253	P	H
		5450.56	38.76	-15.24	54	31.53	31.97	6.21	30.95	400	253	A	H
	*	5580	106.44	-	-	99	32.1	6.32	30.98	400	253	P	H
	*	5580	95.6	-	-	88.16	32.1	6.32	30.98	400	253	A	H
		5725.625	50.35	-17.85	68.2	42.69	32.31	6.37	31.02	400	253	P	H
		5431.6	52.23	-21.77	74	45.03	31.96	6.19	30.95	281	215	P	V
		5464.48	52.02	-16.18	68.2	44.78	31.98	6.21	30.95	281	215	P	V
		5417.68	42.02	-11.98	54	34.84	31.95	6.18	30.95	281	215	A	V
	*	5580	112.15	-	-	104.71	32.1	6.32	30.98	281	215	P	V
	*	5580	101.48	-	-	94.04	32.1	6.32	30.98	281	215	A	V
		5731.61	51.78	-16.42	68.2	44.13	32.31	6.37	31.03	281	215	P	V

802.11a CH 140 5700MHz	*	5700	105.6	-	-	97.98	32.27	6.36	31.01	383	250	P	H
	*	5700	94.69	-	-	87.07	32.27	6.36	31.01	383	250	A	H
		5729.08	52.88	-15.32	68.2	45.22	32.31	6.37	31.02	383	250	P	H
													H
													H
													H
	*	5700	111.39	-	-	103.77	32.27	6.36	31.01	284	214	P	V
	*	5700	100.49	-	-	92.87	32.27	6.36	31.01	284	214	A	V
		5727.72	59.01	-9.19	68.2	51.35	32.31	6.37	31.02	284	214	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.25	-25.75	74	62.77	40.5	9.56	65.1	100	0	P	H
		16500	48.62	-19.58	68.2	61.63	39.6	11.8	65.1	100	0	P	H
													H
													H
		11000	48.69	-25.31	74	63.21	40.5	9.56	65.1	100	0	P	V
		16500	52.93	-15.27	68.2	65.94	39.6	11.8	65.1	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.26	-26.74	74	61.93	40.37	9.64	65.2	100	0	P	H
		16740	46.2	-22	68.2	58.41	40.13	11.85	64.86	100	0	P	H
													H
													H
		11160	47.83	-26.17	74	62.5	40.37	9.64	65.2	100	0	P	V
		16740	47.06	-21.14	68.2	59.27	40.13	11.85	64.86	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.76	-26.24	74	62.63	40.18	9.77	65.34	100	0	P	H
		17100	49.19	-19.01	68.2	59.95	41.06	11.99	64.46	100	0	P	H
													H
													H
		4888	55.03	-18.97	74	48.69	31.49	5.82	30.97	284	214	P	V
		4888	49.39	-4.61	54	43.05	31.49	5.82	30.97	284	214	A	V
		11400	47.84	-26.16	74	62.71	40.18	9.77	65.34	100	0	P	V
		17100	48.82	-19.38	68.2	59.58	41.06	11.99	64.46	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.44	51.95	-22.05	74	44.72	31.97	6.21	30.95	396	235	P	H
		5466.96	52.37	-15.83	68.2	45.11	31.98	6.23	30.95	396	235	P	H
		5458.96	39.57	-14.43	54	32.34	31.97	6.21	30.95	396	235	A	H
	*	5500	105.36	-	-	98.07	32	6.24	30.95	396	235	P	H
802.11n	*	5500	94.56	-	-	87.27	32	6.24	30.95	396	235	A	H
HT20													H
CH 100		5457.04	57.47	-16.53	74	50.24	31.97	6.21	30.95	288	215	P	V
5500MHz		5465.84	58.3	-9.9	68.2	51.06	31.98	6.21	30.95	288	215	P	V
		5458.48	43.61	-10.39	54	36.38	31.97	6.21	30.95	288	215	A	V
	*	5500	112.07	-	-	104.78	32	6.24	30.95	288	215	P	V
	*	5500	101.2	-	-	93.91	32	6.24	30.95	288	215	A	V
													V
		5423.68	49.57	-24.43	74	42.39	31.95	6.18	30.95	400	254	P	H
		5470	50.04	-18.16	68.2	42.78	31.98	6.23	30.95	400	254	P	H
		5423.44	38.82	-15.18	54	31.64	31.95	6.18	30.95	400	254	A	H
	*	5580	105.89	-	-	98.45	32.1	6.32	30.98	400	254	P	H
802.11n	*	5580	95.04	-	-	87.6	32.1	6.32	30.98	400	254	A	H
HT20		5734.445	50.85	-17.35	68.2	43.2	32.31	6.37	31.03	400	254	P	H
CH 116		5434.96	52.87	-21.13	74	45.67	31.96	6.19	30.95	280	215	P	V
5580MHz		5468.8	52.39	-15.81	68.2	45.13	31.98	6.23	30.95	280	215	P	V
		5423.68	42.05	-11.95	54	34.87	31.95	6.18	30.95	280	215	A	V
	*	5580	111.57	-	-	104.13	32.1	6.32	30.98	280	215	P	V
	*	5580	100.95	-	-	93.51	32.1	6.32	30.98	280	215	A	V
		5738.225	51.95	-16.25	68.2	44.27	32.34	6.37	31.03	280	215	P	V

	*	5700	105.14	-	-	97.52	32.27	6.36	31.01	384	251	P	H
	*	5700	94.24	-	-	86.62	32.27	6.36	31.01	384	251	A	H
		5728.04	53.05	-15.15	68.2	45.39	32.31	6.37	31.02	384	251	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	111.09	-	-	103.47	32.27	6.36	31.01	285	214	P	V
5700MHz	*	5700	100.35	-	-	92.73	32.27	6.36	31.01	285	214	A	V
		5730.28	59.85	-8.35	68.2	52.2	32.31	6.37	31.03	285	214	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	48.54	-25.46	74	63.06	40.5	9.56	65.1	100	0	P	H
		16500	48.72	-19.48	68.2	61.73	39.6	11.8	65.1	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	49.57	-24.43	74	64.09	40.5	9.56	65.1	100	0	P	V
5500MHz		16500	52.58	-15.62	68.2	65.59	39.6	11.8	65.1	100	0	P	V
													V
													V
		11160	47.36	-26.64	74	62.03	40.37	9.64	65.2	100	0	P	H
		16740	46.27	-21.93	68.2	58.48	40.13	11.85	64.86	100	0	P	H
802.11n													H
HT20													H
CH 116		11600	47.68	-26.32	74	62.8	39.85	9.88	65.36	100	0	P	V
5580MHz		16740	46.27	-21.93	68.2	58.48	40.13	11.85	64.86	100	0	P	V
													V
													V
		11400	47.75	-26.25	74	62.62	40.18	9.77	65.34	100	0	P	H
		17100	48.3	-19.9	68.2	59.06	41.06	11.99	64.46	100	0	P	H
802.11n													H
HT20													H
CH 140		4888	57.66	-16.34	74	51.32	31.49	5.82	30.97	285	214	P	V
5700MHz		4888	48.48	-5.52	54	42.14	31.49	5.82	30.97	285	214	A	V
		11400	47.64	-26.36	74	62.51	40.18	9.77	65.34	100	0	P	V
		17100	48.8	-19.4	68.2	59.56	41.06	11.99	64.46	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5457.52	49.78	-24.22	74	42.55	31.97	6.21	30.95	396	235	P	H
		5469.28	52.72	-15.48	68.2	45.46	31.98	6.23	30.95	396	235	P	H
		5459.68	39.48	-14.52	54	32.25	31.97	6.21	30.95	396	235	A	H
	*	5510	102.31	-	-	95.01	32	6.26	30.96	396	235	P	H
	*	5510	91.41	-	-	84.11	32	6.26	30.96	396	235	A	H
		5746.1	49.61	-18.59	68.2	41.93	32.34	6.37	31.03	396	235	P	H
		5459.92	55.13	-18.87	74	47.9	31.97	6.21	30.95	289	214	P	V
		5468.8	59.86	-8.34	68.2	52.6	31.98	6.23	30.95	289	214	P	V
		5447.2	44.03	-9.97	54	36.82	31.97	6.19	30.95	289	214	A	V
	*	5510	108.8	-	-	101.5	32	6.26	30.96	289	214	P	V
	*	5510	98.08	-	-	90.78	32	6.26	30.96	289	214	A	V
		5757.125	50.23	-17.97	68.2	42.54	32.36	6.37	31.04	289	214	P	V
802.11n HT40 CH 110 5550MHz		5442.4	50.29	-23.71	74	43.09	31.96	6.19	30.95	384	254	P	H
		5463.04	49.42	-18.78	68.2	42.18	31.98	6.21	30.95	384	254	P	H
		5431.36	39.95	-14.05	54	32.75	31.96	6.19	30.95	384	254	A	H
	*	5550	102.01	-	-	94.62	32.07	6.29	30.97	384	254	P	H
	*	5550	91.34	-	-	83.95	32.07	6.29	30.97	384	254	A	H
		5726.255	49.15	-19.05	68.2	41.49	32.31	6.37	31.02	384	254	P	H
		5455.6	54.62	-19.38	74	47.39	31.97	6.21	30.95	282	215	P	V
		5467.6	55.39	-12.81	68.2	48.13	31.98	6.23	30.95	282	215	P	V
		5456.08	44.74	-9.26	54	37.51	31.97	6.21	30.95	282	215	A	V
	*	5550	108.26	-	-	100.87	32.07	6.29	30.97	282	215	P	V
	*	5550	97.97	-	-	90.58	32.07	6.29	30.97	282	215	A	V
		5726.57	51.42	-16.78	68.2	43.76	32.31	6.37	31.02	282	215	P	V

		5409.5	49.83	-24.17	74	42.68	31.94	6.16	30.95	393	234	P	H
		5465.85	48.66	-19.54	68.2	41.42	31.98	6.21	30.95	393	234	P	H
		5351.4	39.37	-14.63	54	32.29	31.91	6.12	30.95	393	234	A	H
	*	5670	103.17	-	-	95.59	32.24	6.35	31.01	393	234	P	H
802.11n	*	5670	92.41	-	-	84.83	32.24	6.35	31.01	393	234	A	H
HT40		5756.775	50.74	-17.46	68.2	43.05	32.36	6.37	31.04	393	234	P	H
CH 134		5355.6	52.81	-21.19	74	45.73	31.91	6.12	30.95	286	213	P	V
5670MHz		5469	51.85	-16.35	68.2	44.59	31.98	6.23	30.95	286	213	P	V
		5361.55	42.34	-11.66	54	35.23	31.92	6.14	30.95	286	213	A	V
	*	5670	108.55	-	-	100.97	32.24	6.35	31.01	286	213	P	V
	*	5670	97.98	-	-	90.4	32.24	6.35	31.01	286	213	A	V
		5727.2	55.74	-12.46	68.2	48.08	32.31	6.37	31.02	286	213	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.63	-24.37	74	64.15	40.49	9.58	65.11	100	0	P	H
		16530	45.72	-22.48	68.2	58.62	39.68	11.8	65.07	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	48.99	-25.01	74	63.51	40.49	9.58	65.11	100	0	P	V
5510MHz		16530	45.53	-22.67	68.2	58.43	39.68	11.8	65.07	100	0	P	V
													V
													V
		11100	49.08	-24.92	74	63.68	40.42	9.62	65.16	100	0	P	H
		16650	45.78	-22.42	68.2	58.27	39.94	11.83	64.94	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	48.99	-25.01	74	63.59	40.42	9.62	65.16	100	0	P	V
5550MHz		16650	46.18	-22.02	68.2	58.67	39.94	11.83	64.94	100	0	P	V
													V
													V
		11340	48.17	-25.83	74	62.98	40.23	9.74	65.3	100	0	P	H
		17010	47.5	-20.7	68.2	58.76	40.76	11.91	64.58	100	0	P	H
802.11n													H
HT40													H
CH 134		4858	54.84	-19.16	74	48.58	31.42	5.81	30.97	286	213	P	V
5670MHz		4858	50.69	-3.31	54	44.43	31.42	5.81	30.97	286	213	A	V
		11340	47.82	-26.18	74	62.63	40.23	9.74	65.3	100	0	P	V
		17010	47.87	-20.33	68.2	59.13	40.76	11.91	64.58	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5449.36	51.2	-22.8	74	43.97	31.97	6.21	30.95	386	258	P	H
		5469.52	50.78	-17.42	68.2	43.52	31.98	6.23	30.95	386	258	P	H
		5448.16	41.31	-12.69	54	34.08	31.97	6.21	30.95	386	258	A	H
	*	5530	99.28	-	-	91.96	32.02	6.27	30.97	386	258	P	H
	*	5530	88.11	-	-	80.79	32.02	6.27	30.97	386	258	A	H
		5736.965	48.97	-19.23	68.2	41.29	32.34	6.37	31.03	386	258	P	H
		5456.32	59.02	-14.98	74	51.79	31.97	6.21	30.95	285	215	P	V
		5463.28	59.67	-8.53	68.2	52.43	31.98	6.21	30.95	285	215	P	V
		5454.88	49.27	-4.73	54	42.04	31.97	6.21	30.95	285	215	A	V
	*	5530	106.26	-	-	98.94	32.02	6.27	30.97	285	215	P	V
	*	5530	94.97	-	-	87.65	32.02	6.27	30.97	285	215	A	V
		5750.195	49.93	-18.27	68.2	42.25	32.34	6.37	31.03	285	215	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	48.19	-25.81	74	62.76	40.45	9.6	65.14	100	0	P	H
		16590	46.24	-21.96	68.2	58.96	39.79	11.82	65.01	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.88	-26.12	74	62.45	40.45	9.6	65.14	100	0	P	V
5530MHz		16590	46.34	-21.86	68.2	59.06	39.79	11.82	65.01	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	Cable	Preamp	Ant	Table	Peak	Pol.
Chain				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	106.37	-	-	98.71	32.31	6.37	31.02	400	251	P	H
	*	5720	95.59	-	-	87.93	32.31	6.37	31.02	400	251	A	H
													H
													H
													H
													H
	*	5720	106.46	-	-	98.8	32.31	6.37	31.02	100	344	P	V
	*	5720	95.85	-	-	88.19	32.31	6.37	31.02	100	344	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	48.59	-25.41	74	63.5	40.15	9.79	65.36	100	0	P	H
		17160	49.85	-18.35	68.2	60.25	41.3	12.03	64.37	100	0	P	H
													H
													H
		11440	48.28	-25.72	74	63.19	40.15	9.79	65.36	100	0	P	V
		17160	48.19	-20.01	68.2	58.59	41.3	12.03	64.37	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz	*	5720	105.74	-	-	98.08	32.31	6.37	31.02	400	249	P	H
	*	5720	95.02	-	-	87.36	32.31	6.37	31.02	400	249	A	H
													H
													H
													H
													H
	*	5720	106.14	-	-	98.48	32.31	6.37	31.02	100	343	P	V
	*	5720	95.36	-	-	87.7	32.31	6.37	31.02	100	343	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	47.98	-26.02	74	62.89	40.15	9.79	65.36	100	0	P	H
		17160	48.03	-20.17	68.2	58.43	41.3	12.03	64.37	100	0	P	H
802.11n													H
HT20													H
CH 144		11440	47.79	-26.21	74	62.7	40.15	9.79	65.36	100	0	P	V
5720MHz		17160	48.45	-19.75	68.2	58.85	41.3	12.03	64.37	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz	*	5710	102.45	-	-	94.82	32.29	6.36	31.02	400	252	P	H
	*	5710	91.6	-	-	83.97	32.29	6.36	31.02	400	252	A	H
													H
													H
													H
													H
	*	5710	104.31	-	-	96.68	32.29	6.36	31.02	267	231	P	V
	*	5710	93.29	-	-	85.66	32.29	6.36	31.02	267	231	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	47.34	-26.66	74	62.23	40.17	9.78	65.35	100	0	P	H
		17130	49.61	-18.59	68.2	60.18	41.18	12.01	64.41	100	0	P	H
													H
													H
		11420	47.62	-26.38	74	62.51	40.17	9.78	65.35	100	0	P	V
		17130	49.06	-19.14	68.2	59.63	41.18	12.01	64.41	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 Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5690	99.17	-	-	91.55	32.27	6.36	31.01	389	253	P	H
	*	5690	88.5	-	-	80.88	32.27	6.36	31.01	389	253	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	105.11	-	-	97.49	32.27	6.36	31.01	285	215	P	V
5690MHz	*	5690	94.18	-	-	86.56	32.27	6.36	31.01	285	215	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Chain 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	48.05	-25.95	74	62.91	40.19	9.76	65.33	100	0	P	H
		17070	47.77	-20.43	68.2	58.73	40.94	11.96	64.51	100	0	P	H
													H
													H
		4876	54.82	-19.18	74	48.51	31.46	5.82	30.97	285	215	P	V
		4876	52.12	-1.88	54	45.81	31.46	5.82	30.97	285	215	A	V
		11380	48.3	-25.7	74	63.16	40.19	9.76	65.33	100	0	P	V
		17070	47.89	-20.31	68.2	58.85	40.94	11.96	64.51	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Chain				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n VHT80 LF		109.11	22.46	-21.04	43.5	37.49	14.52	0.8	30.39	-	-	P	H
		183.09	24.59	-18.91	43.5	41.85	11.73	1.14	30.29	-	-	P	H
		269.22	21.94	-24.06	46	34.52	16.14	1.32	30.18	-	-	P	H
		458.2	23.78	-22.22	46	31.66	20.2	1.73	29.87	-	-	P	H
		742.4	40.81	-5.19	46	43.04	24.91	2.21	29.45	100	0	P	H
		969.9	31.2	-22.8	54	29.26	28.22	2.51	29.02	-	-	P	H
													H
													H
													H
													H
													H
													H
		34.59	24.89	-15.11	40	36.21	18.48	0.48	30.25	-	-	P	V
		131.79	21.64	-21.86	43.5	37.5	13.5	0.95	30.36	-	-	P	V
		182.55	22.85	-20.65	43.5	40.11	11.77	1.09	30.29	-	-	P	V
		610.8	30.44	-15.56	46	35.26	22.77	1.97	29.65	-	-	P	V
		742.4	42.57	-3.43	46	44.8	24.91	2.21	29.45	100	0	P	V
		981.8	31.26	-22.74	54	29.65	27.85	2.53	29	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 - 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5140.14	55.76	-18.24	74	48.94	31.79	5.98	30.95	375	110	P	H
		5149.24	42.45	-11.55	54	35.62	31.79	5.99	30.95	375	110	A	H
	*	5180	108.99	-	-	102.11	31.81	6.02	30.95	375	110	P	H
	*	5180	98.7	-	-	91.82	31.81	6.02	30.95	375	110	A	H
802.11n													H
HT20													H
CH 36		5145.86	52.92	-21.08	74	46.09	31.79	5.99	30.95	277	221	P	V
5180MHz		5147.94	42.88	-11.12	54	36.05	31.79	5.99	30.95	277	221	A	V
	*	5180	109.38	-	-	102.5	31.81	6.02	30.95	277	221	P	V
	*	5180	99.04	-	-	92.16	31.81	6.02	30.95	277	221	A	V
													V
													V
		5129.74	49.96	-24.04	74	43.15	31.78	5.98	30.95	347	105	P	H
		5150	39.47	-14.53	54	32.64	31.79	5.99	30.95	347	105	A	H
	*	5220	109.39	-	-	102.47	31.83	6.04	30.95	347	105	P	H
	*	5220	99.03	-	-	92.11	31.83	6.04	30.95	347	105	A	H
802.11n		5376	49.15	-24.85	74	42.04	31.92	6.14	30.95	347	105	P	H
HT20		5382.72	39.08	-14.92	54	31.95	31.93	6.15	30.95	347	105	A	H
CH 44		5132.34	50.57	-23.43	74	43.76	31.78	5.98	30.95	300	197	P	V
5220MHz		5147.16	41.19	-12.81	54	34.36	31.79	5.99	30.95	300	197	A	V
	*	5220	108.97	-	-	102.05	31.83	6.04	30.95	300	197	P	V
	*	5220	98.69	-	-	91.77	31.83	6.04	30.95	300	197	A	V
		5384.12	50.7	-23.3	74	43.57	31.93	6.15	30.95	300	197	P	V
		5377.68	40.58	-13.42	54	33.45	31.93	6.15	30.95	300	197	A	V

		5146.12	50.23	-23.77	74	43.4	31.79	5.99	30.95	348	111	P	H
		5147.68	39.5	-14.5	54	32.67	31.79	5.99	30.95	348	111	A	H
	*	5240	108.98	-	-	102.04	31.84	6.05	30.95	348	111	P	H
	*	5240	98.91	-	-	91.97	31.84	6.05	30.95	348	111	A	H
802.11n		5381.32	49.84	-24.16	74	42.71	31.93	6.15	30.95	348	111	P	H
HT20		5398.96	39.14	-14.86	54	31.99	31.94	6.16	30.95	348	111	A	H
CH 48		5143.26	50.69	-23.31	74	43.86	31.79	5.99	30.95	222	194	P	V
5240MHz		5144.56	40.33	-13.67	54	33.5	31.79	5.99	30.95	222	194	A	V
	*	5240	109.61	-	-	102.67	31.84	6.05	30.95	222	194	P	V
	*	5240	99.29	-	-	92.35	31.84	6.05	30.95	222	194	A	V
		5378.52	49.77	-24.23	74	42.64	31.93	6.15	30.95	222	194	P	V
		5396.72	40.27	-13.73	54	33.12	31.94	6.16	30.95	222	194	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	47.36	-26.64	74	62.91	39.86	9.25	65.2	100	0	P	H
		15540	60.26	-13.74	74	73.48	38.53	11.47	63.98	309	245	P	H
802.11n		15540	47.04	-6.96	54	60.26	38.53	11.47	63.98	309	245	A	H
HT20													H
CH 36		10360	47.87	-26.13	74	63.42	39.86	9.25	65.2	100	0	P	V
5180MHz		15540	65.05	-8.95	74	78.27	38.53	11.47	63.98	398	236	P	V
		15540	50.34	-3.66	54	63.56	38.53	11.47	63.98	398	236	A	V
													V
		10440	48.57	-25.43	74	63.97	39.98	9.28	65.2	100	0	P	H
		15660	62.25	-11.75	74	75.92	38.29	11.53	64.24	364	234	P	H
802.11n		15660	47.42	-6.58	54	61.09	38.29	11.53	64.24	364	234	A	H
HT20													H
CH 44		10440	47.49	-26.51	74	62.89	39.98	9.28	65.2	100	0	P	V
5220MHz		15660	65.76	-8.24	74	79.43	38.29	11.53	64.24	391	235	P	V
		15660	51.09	-2.91	54	64.76	38.29	11.53	64.24	391	235	A	V
													V
		10480	49.36	-24.64	74	64.64	40.07	9.31	65.2	100	0	P	H
		15720	61.6	-12.4	74	75.54	38.15	11.56	64.39	366	234	P	H
802.11n		15720	46.77	-7.23	54	60.71	38.15	11.56	64.39	366	234	A	H
HT20													H
CH 48		10480	49.71	-24.29	74	64.99	40.07	9.31	65.2	100	0	P	V
5240MHz		15720	64.73	-9.27	74	78.67	38.15	11.56	64.39	392	236	P	V
		15720	49.89	-4.11	54	63.83	38.15	11.56	64.39	392	236	A	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5149.5	50.61	-23.39	74	43.78	31.79	5.99	30.95	393	103	P	H
		5148.72	41.81	-12.19	54	34.98	31.79	5.99	30.95	393	103	A	H
	*	5190	105.58	-	-	98.7	31.81	6.02	30.95	393	103	P	H
	*	5190	94.95	-	-	88.07	31.81	6.02	30.95	393	103	A	H
		5362	49.55	-24.45	74	42.44	31.92	6.14	30.95	393	103	P	H
		5356.4	39.31	-14.69	54	32.23	31.91	6.12	30.95	393	103	A	H
		5150	53.3	-20.7	74	46.47	31.79	5.99	30.95	274	220	P	V
		5149.76	43.1	-10.9	54	36.27	31.79	5.99	30.95	274	220	A	V
	*	5190	106.43	-	-	99.55	31.81	6.02	30.95	274	220	P	V
	*	5190	95.93	-	-	89.05	31.81	6.02	30.95	274	220	A	V
		5357.8	50.56	-23.44	74	43.48	31.91	6.12	30.95	274	220	P	V
		5363.68	40.62	-13.38	54	33.51	31.92	6.14	30.95	274	220	A	V
802.11n HT40 CH 46 5230MHz		5145.34	49.19	-24.81	74	42.36	31.79	5.99	30.95	349	102	P	H
		5150	39.85	-14.15	54	33.02	31.79	5.99	30.95	349	102	A	H
	*	5230	106.19	-	-	99.26	31.84	6.04	30.95	349	102	P	H
	*	5230	95.7	-	-	88.77	31.84	6.04	30.95	349	102	A	H
		5391.68	49.68	-24.32	74	42.55	31.93	6.15	30.95	349	102	P	H
		5393.64	39.15	-14.85	54	32.02	31.93	6.15	30.95	349	102	A	H
		5147.68	50.8	-23.2	74	43.97	31.79	5.99	30.95	293	220	P	V
		5147.68	41.15	-12.85	54	34.32	31.79	5.99	30.95	293	220	A	V
	*	5230	107.03	-	-	100.1	31.84	6.04	30.95	293	220	P	V
	*	5230	96.45	-	-	89.52	31.84	6.04	30.95	293	220	A	V
		5372.08	51.1	-22.9	74	43.99	31.92	6.14	30.95	293	220	P	V
		5356.4	40.63	-13.37	54	33.55	31.91	6.12	30.95	293	220	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	48.67	-25.33	74	64.18	39.89	9.26	65.2	100	0	P	H
		15570	49.9	-24.1	74	63.25	38.46	11.49	64.05	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	48.88	-25.12	74	64.39	39.89	9.26	65.2	100	0	P	V
5190MHz		15570	61.41	-12.59	74	74.76	38.46	11.49	64.05	389	236	P	V
		15570	48.77	-5.23	54	62.12	38.46	11.49	64.05	389	236	A	V
													V
		10460	49.1	-24.9	74	64.46	40.01	9.29	65.2	100	0	P	H
		15690	55.84	-18.16	74	69.66	38.22	11.54	64.32	356	235	P	H
802.11n		15690	43.22	-10.78	54	57.04	38.22	11.54	64.32	356	235	A	H
HT40													H
CH 46		10460	48.38	-25.62	74	63.74	40.01	9.29	65.2	100	0	P	V
5230MHz		15690	59.71	-14.29	74	73.53	38.22	11.54	64.32	391	236	P	V
		15690	46.59	-7.41	54	60.41	38.22	11.54	64.32	391	236	A	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5147.68	56.77	-17.23	74	49.94	31.79	5.99	30.95	350	104	P	H
		5143.78	48.54	-5.46	54	41.71	31.79	5.99	30.95	350	104	A	H
	*	5210	101.21	-	-	94.3	31.83	6.03	30.95	350	104	P	H
	*	5210	91.01	-	-	84.1	31.83	6.03	30.95	350	104	A	H
		5387.76	49.83	-24.17	74	42.7	31.93	6.15	30.95	350	104	P	H
		5351.08	40.24	-13.76	54	33.16	31.91	6.12	30.95	350	104	A	H
		5148.46	59.08	-14.92	74	52.25	31.79	5.99	30.95	282	226	P	V
		5148.46	49.84	-4.16	54	43.01	31.79	5.99	30.95	282	226	A	V
	*	5210	104.63	-	-	97.72	31.83	6.03	30.95	282	226	P	V
	*	5210	94	-	-	87.09	31.83	6.03	30.95	282	226	A	V
		5353.6	50.73	-23.27	74	43.65	31.91	6.12	30.95	282	226	P	V
		5370.4	41.34	-12.66	54	34.23	31.92	6.14	30.95	282	226	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	47.58	-26.42	74	63.02	39.95	9.27	65.2	100	0	P	H
		15630	57.68	-16.32	74	71.3	38.32	11.51	64.2	312	244	P	H
		15630	47.43	-6.57	54	61.05	38.32	11.51	64.2	312	244	A	H
													H
		10420	47.69	-26.31	74	63.13	39.95	9.27	65.2	100	0	P	V
		15630	62.28	-11.72	74	75.9	38.32	11.51	64.2	387	236	P	V
		15630	51.26	-2.74	54	64.88	38.32	11.51	64.2	387	236	A	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Chain				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5028.9	49.59	-24.41	74	42.92	31.72	5.9	30.95	385	108	P	H
		5147.22	38.92	-15.08	54	32.09	31.79	5.99	30.95	385	108	A	H
	*	5260	110.03	-	-	103.05	31.86	6.07	30.95	385	108	P	H
	*	5260	99.95	-	-	92.97	31.86	6.07	30.95	385	108	A	H
802.11n		5394.24	50.05	-23.95	74	42.91	31.93	6.16	30.95	385	108	P	H
HT20		5368.32	39.54	-14.46	54	32.43	31.92	6.14	30.95	385	108	A	H
CH 52		5146.54	50.19	-23.81	74	43.36	31.79	5.99	30.95	276	125	P	V
5260MHz		5149.26	39.6	-14.4	54	32.77	31.79	5.99	30.95	276	125	A	V
	*	5260	111.06	-	-	104.08	31.86	6.07	30.95	276	125	P	V
	*	5260	100.77	-	-	93.79	31.86	6.07	30.95	276	125	A	V
		5364.96	50.33	-23.67	74	43.22	31.92	6.14	30.95	276	125	P	V
		5365.44	39.81	-14.19	54	32.7	31.92	6.14	30.95	276	125	A	V
		5054.4	49.74	-24.26	74	43.03	31.73	5.93	30.95	400	107	P	H
		5141.44	39.23	-14.77	54	32.41	31.79	5.98	30.95	400	107	A	H
	*	5300	109.3	-	-	102.28	31.88	6.09	30.95	400	107	P	H
	*	5300	98.97	-	-	91.95	31.88	6.09	30.95	400	107	A	H
802.11n		5362.56	50.06	-23.94	74	42.95	31.92	6.14	30.95	400	107	P	H
HT20		5350.32	40.51	-13.49	54	33.43	31.91	6.12	30.95	400	107	A	H
CH 60		5143.82	49.84	-24.16	74	43.01	31.79	5.99	30.95	271	126	P	V
5300MHz		5141.78	39.88	-14.12	54	33.06	31.79	5.98	30.95	271	126	A	V
	*	5300	110.73	-	-	103.71	31.88	6.09	30.95	271	126	P	V
	*	5300	100.43	-	-	93.41	31.88	6.09	30.95	271	126	A	V
		5359.2	50.87	-23.13	74	43.77	31.91	6.14	30.95	271	126	P	V
		5351.28	40.82	-13.18	54	33.74	31.91	6.12	30.95	271	126	A	V

	*	5320	109.21	-	-	102.17	31.89	6.1	30.95	400	109	P	H
	*	5320	99.08	-	-	92.04	31.89	6.1	30.95	400	109	A	H
		5353.12	53.95	-20.05	74	46.87	31.91	6.12	30.95	400	109	P	H
		5350.88	41.83	-12.17	54	34.75	31.91	6.12	30.95	400	109	A	H
802.11n													H
HT20													H
CH 64	*	5320	110.05	-	-	103.01	31.89	6.1	30.95	266	125	P	V
5320MHz	*	5320	99.99	-	-	92.95	31.89	6.1	30.95	266	125	A	V
		5364.16	54.18	-19.82	74	47.07	31.92	6.14	30.95	266	125	P	V
		5350.08	42.78	-11.22	54	35.7	31.91	6.12	30.95	266	125	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	47.7	-26.3	74	62.92	40.11	9.33	65.2	100	0	P	H
		15780	59.13	-14.87	74	73.27	38.05	11.58	64.51	400	224	P	H
802.11n		15780	44.38	-9.62	54	58.52	38.05	11.58	64.51	400	224	A	H
HT20													H
CH 52		10520	48.34	-25.66	74	63.56	40.11	9.33	65.2	100	0	P	V
5260MHz		15780	64.19	-9.81	74	78.33	38.05	11.58	64.51	385	236	P	V
		15780	50.16	-3.84	54	64.3	38.05	11.58	64.51	385	236	A	V
													V
		10600	47.55	-26.45	74	62.65	40.18	9.36	65.18	100	0	P	H
		15900	58.87	-15.13	74	73.46	37.81	11.64	64.77	351	236	P	H
802.11n		15900	43.96	-10.04	54	58.55	37.81	11.64	64.77	351	236	A	H
HT20													H
CH 60		10600	47.91	-26.09	74	63.01	40.18	9.36	65.18	100	0	P	V
5300MHz		15900	61.66	-12.34	74	76.25	37.81	11.64	64.77	387	236	P	V
		15900	47.78	-6.22	54	62.37	37.81	11.64	64.77	387	236	A	V
													V
		10640	47.66	-26.34	74	62.71	40.21	9.38	65.17	100	0	P	H
		15960	58.27	-15.73	74	73.14	37.67	11.66	64.92	355	235	P	H
802.11n		15960	44.95	-9.05	54	59.82	37.67	11.66	64.92	355	235	A	H
HT20													H
CH 64		10640	48.74	-25.26	74	63.79	40.21	9.38	65.17	100	0	P	V
5320MHz		15960	61.9	-12.1	74	76.77	37.67	11.66	64.92	377	236	P	V
		15960	48.49	-5.51	54	63.36	37.67	11.66	64.92	377	236	A	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5127.16	51.87	-22.13	74	45.06	31.78	5.98	30.95	385	110	P	H
		5142.8	39.41	-14.59	54	32.58	31.79	5.99	30.95	385	110	A	H
	*	5270	106.75	-	-	99.76	31.86	6.08	30.95	385	110	P	H
	*	5270	96.1	-	-	89.11	31.86	6.08	30.95	385	110	A	H
		5445.84	50.44	-23.56	74	43.23	31.97	6.19	30.95	385	110	P	H
		5358.24	39.54	-14.46	54	32.44	31.91	6.14	30.95	385	110	A	H
		5139.4	49.99	-24.01	74	43.18	31.78	5.98	30.95	291	125	P	V
		5146.54	39.67	-14.33	54	32.84	31.79	5.99	30.95	291	125	A	V
	*	5270	107.82	-	-	100.83	31.86	6.08	30.95	291	125	P	V
	*	5270	96.77	-	-	89.78	31.86	6.08	30.95	291	125	A	V
		5354.64	50.15	-23.85	74	43.07	31.91	6.12	30.95	291	125	P	V
		5350.8	40.21	-13.79	54	33.13	31.91	6.12	30.95	291	125	A	V
802.11n HT40 CH 62 5310MHz		5065.28	48.46	-25.54	74	41.74	31.74	5.93	30.95	400	108	P	H
		5146.88	38.83	-15.17	54	32	31.79	5.99	30.95	400	108	A	H
	*	5310	106.35	-	-	99.31	31.89	6.1	30.95	400	108	P	H
	*	5310	95.38	-	-	88.34	31.89	6.1	30.95	400	108	A	H
		5351.04	53.89	-20.11	74	46.81	31.91	6.12	30.95	400	108	P	H
		5351.28	43.79	-10.21	54	36.71	31.91	6.12	30.95	400	108	A	H
		5148.92	49.1	-24.9	74	42.27	31.79	5.99	30.95	272	126	P	V
		5147.56	39.47	-14.53	54	32.64	31.79	5.99	30.95	272	126	A	V
	*	5310	107.04	-	-	100	31.89	6.1	30.95	272	126	P	V
	*	5310	96.61	-	-	89.57	31.89	6.1	30.95	272	126	A	V
		5354.16	55.18	-18.82	74	48.1	31.91	6.12	30.95	272	126	P	V
		5350.56	45.27	-8.73	54	38.19	31.91	6.12	30.95	272	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.71	-25.29	74	63.89	40.13	9.34	65.19	100	0	P	H
		15810	49.84	-24.16	74	64.1	37.98	11.6	64.58	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	48.04	-25.96	74	63.22	40.13	9.34	65.19	100	0	P	V
5270MHz		15810	54.98	-19.02	74	69.24	37.98	11.6	64.58	317	248	P	V
		15810	42.83	-11.17	54	57.09	37.98	11.6	64.58	317	248	A	V
													V
		10620	48.56	-25.44	74	63.64	40.2	9.37	65.18	100	0	P	H
		15930	56.46	-17.54	74	71.18	37.74	11.66	64.85	350	233	P	H
802.11n		15930	44.21	-9.79	54	58.93	37.74	11.66	64.85	350	233	A	H
HT40													H
CH 62		10620	47.52	-26.48	74	62.6	40.2	9.37	65.18	100	0	P	V
5310MHz		15930	59.57	-14.43	74	74.29	37.74	11.66	64.85	384	235	P	V
		15930	47.47	-6.53	54	62.19	37.74	11.66	64.85	384	235	A	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5145.86	49.04	-24.96	74	42.21	31.79	5.99	30.95	382	108	P	H
		5138.04	39.93	-14.07	54	33.12	31.78	5.98	30.95	382	108	A	H
	*	5290	101.63	-	-	94.62	31.87	6.09	30.95	382	108	P	H
	*	5290	91.23	-	-	84.22	31.87	6.09	30.95	382	108	A	H
		5350.08	54.17	-19.83	74	47.09	31.91	6.12	30.95	382	108	P	H
		5350.08	45.16	-8.84	54	38.08	31.91	6.12	30.95	382	108	A	H
		5149.6	50.21	-23.79	74	43.38	31.79	5.99	30.95	275	223	P	V
		5149.94	41.34	-12.66	54	34.51	31.79	5.99	30.95	275	223	A	V
	*	5290	105.13	-	-	98.12	31.87	6.09	30.95	275	223	P	V
	*	5290	94.14	-	-	87.13	31.87	6.09	30.95	275	223	A	V
		5359.68	59.23	-14.77	74	52.13	31.91	6.14	30.95	275	223	P	V
		5352.24	50.47	-3.53	54	43.39	31.91	6.12	30.95	275	223	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	48.2	-25.8	74	63.31	40.17	9.36	65.18	100	0	P	H
		15870	49.78	-24.22	74	64.32	37.84	11.62	64.73	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	48.65	-25.35	74	63.76	40.17	9.36	65.18	100	0	P	V
5290MHz		15870	57.49	-16.51	74	72.03	37.84	11.62	64.73	314	250	P	V
		15870	46.42	-7.58	54	60.96	37.84	11.62	64.73	314	250	A	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Chain				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5459.92	49.89	-24.11	74	42.66	31.97	6.21	30.95	350	115	P	H
		5467.6	50.61	-17.59	68.2	43.35	31.98	6.23	30.95	350	115	P	H
		5456.72	39.16	-14.84	54	31.93	31.97	6.21	30.95	350	115	A	H
	*	5500	104.07	-	-	96.78	32	6.24	30.95	350	115	P	H
802.11n	*	5500	93.83	-	-	86.54	32	6.24	30.95	350	115	A	H
HT20													H
CH 100		5458.8	52.32	-21.68	74	45.09	31.97	6.21	30.95	304	197	P	V
5500MHz		5467.28	54.05	-14.15	68.2	46.79	31.98	6.23	30.95	304	197	P	V
		5449.04	41.7	-12.3	54	34.47	31.97	6.21	30.95	304	197	A	V
	*	5500	108.63	-	-	101.34	32	6.24	30.95	304	197	P	V
	*	5500	98.18	-	-	90.89	32	6.24	30.95	304	197	A	V
													V
		5412.4	48.91	-25.09	74	41.73	31.95	6.18	30.95	341	100	P	H
		5467.36	48.91	-19.29	68.2	41.65	31.98	6.23	30.95	341	100	P	H
		5422.48	38.93	-15.07	54	31.75	31.95	6.18	30.95	341	100	A	H
	*	5580	104.67	-	-	97.23	32.1	6.32	30.98	341	100	P	H
802.11n	*	5580	94.9	-	-	87.46	32.1	6.32	30.98	341	100	A	H
HT20		5736.02	50.18	-18.02	68.2	42.5	32.34	6.37	31.03	341	100	P	H
CH 116		5418.88	52.58	-21.42	74	45.4	31.95	6.18	30.95	265	220	P	V
5580MHz		5463.52	50.43	-17.77	68.2	43.19	31.98	6.21	30.95	265	220	P	V
		5417.92	41.56	-12.44	54	34.38	31.95	6.18	30.95	265	220	A	V
	*	5580	111.29	-	-	103.85	32.1	6.32	30.98	265	220	P	V
	*	5580	101.19	-	-	93.75	32.1	6.32	30.98	265	220	A	V
		5737.28	50.36	-17.84	68.2	42.68	32.34	6.37	31.03	265	220	P	V

	*	5700	105.45	-	-	97.83	32.27	6.36	31.01	364	106	P	H
	*	5700	95.16	-	-	87.54	32.27	6.36	31.01	364	106	A	H
		5729.32	54.95	-13.25	68.2	47.29	32.31	6.37	31.02	364	106	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	110.83	-	-	103.21	32.27	6.36	31.01	283	217	P	V
5700MHz	*	5700	100.48	-	-	92.86	32.27	6.36	31.01	283	217	A	V
		5729.08	59.43	-8.77	68.2	51.77	32.31	6.37	31.02	283	217	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.11	-24.89	74	63.63	40.5	9.56	65.1	100	0	P	H
		16500	47.84	-20.36	68.2	60.85	39.6	11.8	65.1	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	48.05	-25.95	74	62.57	40.5	9.56	65.1	100	0	P	V
5500MHz		16500	51.82	-16.38	68.2	64.83	39.6	11.8	65.1	100	0	P	V
													V
													V
		11160	47.67	-26.33	74	62.34	40.37	9.64	65.2	100	0	P	H
		16740	45.46	-22.74	68.2	57.67	40.13	11.85	64.86	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	48.35	-25.65	74	63.02	40.37	9.64	65.2	100	0	P	V
5580MHz		16740	45.22	-22.98	68.2	57.43	40.13	11.85	64.86	100	0	P	V
													V
													V
		11400	48.46	-25.54	74	63.33	40.18	9.77	65.34	100	0	P	H
		17100	47.96	-20.24	68.2	58.72	41.06	11.99	64.46	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	47.32	-26.68	74	62.19	40.18	9.77	65.34	100	0	P	V
5700MHz		17100	47.93	-20.27	68.2	58.69	41.06	11.99	64.46	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5441.44	49.31	-24.69	74	42.11	31.96	6.19	30.95	388	110	P	H
		5466.4	51.03	-17.17	68.2	43.77	31.98	6.23	30.95	388	110	P	H
		5451.52	39.38	-14.62	54	32.15	31.97	6.21	30.95	388	110	A	H
	*	5510	102.59	-	-	95.29	32	6.26	30.96	388	110	P	H
802.11n	*	5510	92.14	-	-	84.84	32	6.26	30.96	388	110	A	H
HT40		5735.705	49.43	-18.77	68.2	41.75	32.34	6.37	31.03	388	110	P	H
CH 102		5441.92	51.61	-22.39	74	44.41	31.96	6.19	30.95	287	195	P	V
5510MHz		5469.76	54.15	-14.05	68.2	46.89	31.98	6.23	30.95	287	195	P	V
		5457.76	41.45	-12.55	54	34.22	31.97	6.21	30.95	287	195	A	V
	*	5510	105.66	-	-	98.36	32	6.26	30.96	287	195	P	V
	*	5510	95.31	-	-	88.01	32	6.26	30.96	287	195	A	V
		5741.06	50.05	-18.15	68.2	42.37	32.34	6.37	31.03	287	195	P	V
		5411.92	49.51	-24.49	74	42.35	31.95	6.16	30.95	343	101	P	H
		5460.4	50.01	-18.19	68.2	42.78	31.97	6.21	30.95	343	101	P	H
		5458	38.96	-15.04	54	31.73	31.97	6.21	30.95	343	101	A	H
	*	5550	100.9	-	-	93.51	32.07	6.29	30.97	343	101	P	H
802.11n	*	5550	90.78	-	-	83.39	32.07	6.29	30.97	343	101	A	H
HT40		5727.83	49.27	-18.93	68.2	41.61	32.31	6.37	31.02	343	101	P	H
CH 110		5456.56	51.9	-22.1	74	44.67	31.97	6.21	30.95	267	220	P	V
5550MHz		5460.4	51.56	-16.64	68.2	44.33	31.97	6.21	30.95	267	220	P	V
		5458.72	41.04	-12.96	54	33.81	31.97	6.21	30.95	267	220	A	V
	*	5550	108.92	-	-	101.53	32.07	6.29	30.97	267	220	P	V
	*	5550	98.13	-	-	90.74	32.07	6.29	30.97	267	220	A	V
		5743.265	49.07	-19.13	68.2	41.39	32.34	6.37	31.03	267	220	P	V

		5365.75	49.07	-24.93	74	41.96	31.92	6.14	30.95	389	116	P	H
		5463.75	48.34	-19.86	68.2	41.1	31.98	6.21	30.95	389	116	P	H
		5360.85	39.04	-14.96	54	31.93	31.92	6.14	30.95	389	116	A	H
	*	5670	102.09	-	-	94.51	32.24	6.35	31.01	389	116	P	H
802.11n	*	5670	91.61	-	-	84.03	32.24	6.35	31.01	389	116	A	H
HT40		5735.775	51.11	-17.09	68.2	43.43	32.34	6.37	31.03	389	116	P	H
CH 134		5353.5	49.39	-24.61	74	42.31	31.91	6.12	30.95	303	192	P	V
5670MHz		5464.1	47.97	-20.23	68.2	40.73	31.98	6.21	30.95	303	192	P	V
		5360.5	39.9	-14.1	54	32.8	31.91	6.14	30.95	303	192	A	V
	*	5670	107.28	-	-	99.7	32.24	6.35	31.01	303	192	P	V
	*	5670	96.15	-	-	88.57	32.24	6.35	31.01	303	192	A	V
		5752.925	51.52	-16.68	68.2	43.82	32.36	6.37	31.03	303	192	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 Chain 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.15	-24.85	74	63.67	40.49	9.58	65.11	100	0	P	H
		16530	44.24	-23.96	68.2	57.14	39.68	11.8	65.07	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	49.34	-24.66	74	63.86	40.49	9.58	65.11	100	0	P	V
5510MHz		16530	44	-24.2	68.2	56.9	39.68	11.8	65.07	100	0	P	V
													V
													V
		11100	49.27	-24.73	74	63.87	40.42	9.62	65.16	100	0	P	H
		16650	44.85	-23.35	68.2	57.34	39.94	11.83	64.94	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	49.14	-24.86	74	63.74	40.42	9.62	65.16	100	0	P	V
5550MHz		16650	44.52	-23.68	68.2	57.01	39.94	11.83	64.94	100	0	P	V
													V
													V
		11340	47.44	-26.56	74	62.25	40.23	9.74	65.3	100	0	P	H
		17010	47.27	-20.93	68.2	58.53	40.76	11.91	64.58	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	47.29	-26.71	74	62.1	40.23	9.74	65.3	100	0	P	V
5670MHz		17010	47.4	-20.8	68.2	58.66	40.76	11.91	64.58	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5453.68	50.6	-23.4	74	43.37	31.97	6.21	30.95	388	108	P	H
		5467.12	52.05	-16.15	68.2	44.79	31.98	6.23	30.95	388	108	P	H
		5457.52	42.42	-11.58	54	35.19	31.97	6.21	30.95	388	108	A	H
	*	5530	98.78	-	-	91.46	32.02	6.27	30.97	388	108	P	H
802.11ac	*	5530	87.74	-	-	80.42	32.02	6.27	30.97	388	108	A	H
VHT80		5751.77	49.24	-18.96	68.2	41.54	32.36	6.37	31.03	388	108	P	H
CH 106		5449.6	56.88	-17.12	74	49.65	31.97	6.21	30.95	268	215	P	V
5530MHz		5467.84	56.91	-11.29	68.2	49.65	31.98	6.23	30.95	268	215	P	V
		5458	47.72	-6.28	54	40.49	31.97	6.21	30.95	268	215	A	V
	*	5530	104.64	-	-	97.32	32.02	6.27	30.97	268	215	P	V
	*	5530	93.88	-	-	86.56	32.02	6.27	30.97	268	215	A	V
		5747.045	49.38	-18.82	68.2	41.7	32.34	6.37	31.03	268	215	P	V
		5458.48	49.78	-24.22	74	42.55	31.97	6.21	30.95	397	107	P	H
		5468.56	48.96	-19.24	68.2	41.7	31.98	6.23	30.95	397	107	P	H
		5443.36	40	-14	54	32.8	31.96	6.19	30.95	397	107	A	H
	*	5610	99.33	-	-	91.84	32.14	6.34	30.99	397	107	P	H
802.11ac	*	5610	88.45	-	-	80.96	32.14	6.34	30.99	397	107	A	H
VHT80		5751.14	49.6	-18.6	68.2	41.92	32.34	6.37	31.03	397	107	P	H
CH 122		5451.76	50.84	-23.16	74	43.61	31.97	6.21	30.95	279	215	P	V
5610MHz		5464.48	50.31	-17.89	68.2	43.07	31.98	6.21	30.95	279	215	P	V
		5450.56	40.97	-13.03	54	33.74	31.97	6.21	30.95	279	215	A	V
	*	5610	105.44	-	-	97.95	32.14	6.34	30.99	279	215	P	V
	*	5610	93.88	-	-	86.39	32.14	6.34	30.99	279	215	A	V
		5751.455	51	-17.2	68.2	43.32	32.34	6.37	31.03	279	215	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 Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	48.14	-25.86	74	62.71	40.45	9.6	65.14	100	0	P	H
		16590	45.83	-22.37	68.2	58.55	39.79	11.82	65.01	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.78	-26.22	74	62.35	40.45	9.6	65.14	100	0	P	V
5530MHz		16590	46.27	-21.93	68.2	58.99	39.79	11.82	65.01	100	0	P	V
													V
													V
		11220	47.64	-26.36	74	62.34	40.33	9.68	65.23	100	0	P	H
		16830	45.42	-22.78	68.2	57.33	40.32	11.87	64.77	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	47.69	-26.31	74	62.39	40.33	9.68	65.23	100	0	P	V
5610MHz		16830	46.47	-21.73	68.2	58.38	40.32	11.87	64.77	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Chain				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5720	104.83	-	-	97.17	32.31	6.37	31.02	400	249	P	H
	*	5720	94.42	-	-	86.76	32.31	6.37	31.02	400	249	A	H
													H
													H
802.11n													H
HT20													H
CH 144	*	5720	109.79	-	-	102.13	32.31	6.37	31.02	282	191	P	V
5720MHz	*	5720	99.43	-	-	91.77	32.31	6.37	31.02	282	191	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	47.85	-26.15	74	62.76	40.15	9.79	65.36	100	0	P	H
		17160	47.32	-20.88	68.2	57.72	41.3	12.03	64.37	100	0	P	H
802.11n													H
HT20													H
CH 144		4900	53.3	-20.7	74	46.94	31.49	5.83	30.96	282	191	P	V
5720MHz		4900	47.57	-6.43	54	41.21	31.49	5.83	30.96	282	191	A	V
		11440	48.15	-25.85	74	63.06	40.15	9.79	65.36	100	0	P	V
		17160	47.86	-20.34	68.2	58.26	41.3	12.03	64.37	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5710	101.47	-	-	93.84	32.29	6.36	31.02	381	114	P	H
	*	5710	90.27	-	-	82.64	32.29	6.36	31.02	381	114	A	H
													H
													H
802.11n													H
HT40													H
CH 142	*	5710	106.89	-	-	99.26	32.29	6.36	31.02	283	215	P	V
5710MHz	*	5710	95.24	-	-	87.61	32.29	6.36	31.02	283	215	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	47.1	-26.9	74	61.99	40.17	9.78	65.35	100	0	P	H
		17130	47.49	-20.71	68.2	58.06	41.18	12.01	64.41	100	0	P	H
802.11n													H
HT40													H
CH 142		4894	52.74	-21.26	74	46.38	31.49	5.83	30.96	283	215	P	V
5710MHz		4894	46.75	-7.25	54	40.39	31.49	5.83	30.96	283	215	A	V
		11420	48.35	-25.65	74	63.24	40.17	9.78	65.35	100	0	P	V
		17130	47.93	-20.27	68.2	58.5	41.18	12.01	64.41	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5690	100.07	-	-	92.45	32.27	6.36	31.01	388	115	P	H
	*	5690	88.67	-	-	81.05	32.27	6.36	31.01	388	115	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	104.24	-	-	96.62	32.27	6.36	31.01	284	213	P	V
5690MHz	*	5690	93.71	-	-	86.09	32.27	6.36	31.01	284	213	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Chain 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	47.87	-26.13	74	62.73	40.19	9.76	65.33	100	0	P	H
		17070	48.4	-19.8	68.2	59.36	40.94	11.96	64.51	100	0	P	H
802.11ac													H
VHT80													H
CH 138		4876	50.97	-23.03	74	44.66	31.46	5.82	30.97	284	213	P	V
5690MHz		4876	46.54	-7.46	54	40.23	31.46	5.82	30.97	284	213	A	V
		11380	47.53	-26.47	74	62.39	40.19	9.76	65.33	100	0	P	V
		17070	47.75	-20.45	68.2	58.71	40.94	11.96	64.51	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Chain				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		109.11	18.13	-25.37	43.5	33.16	14.52	0.8	30.39	-	-	P	H
		183.63	21.99	-21.51	43.5	39.25	11.73	1.14	30.29	-	-	P	H
		240.06	25.14	-20.86	46	39.91	14.02	1.28	30.22	100	0	P	H
		458.2	23.23	-22.77	46	31.11	20.2	1.73	29.87	-	-	P	H
		610.8	24.52	-21.48	46	29.34	22.77	1.97	29.65	-	-	P	H
		964.3	31.69	-22.31	54	29.55	28.43	2.51	29.03	-	-	P	H
													H
													H
													H
													H
													H
													H
		34.32	22.21	-17.79	40	32.7	19.31	0.48	30.25	-	-	P	V
		183.36	21.36	-22.14	43.5	38.62	11.73	1.14	30.29	-	-	P	V
		240.06	20.82	-25.18	46	35.59	14.02	1.28	30.22	-	-	P	V
		458.2	29.18	-16.82	46	37.06	20.2	1.73	29.87	-	-	P	V
		610.8	30.24	-15.76	46	35.06	22.77	1.97	29.65	100	0	P	V
		974.1	31.24	-22.76	54	29.42	28.07	2.53	29.01	-	-	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	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b 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. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

TEL : 0800-800005
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E-mail : Alex@sporton.com.tw

Appendix D. Radiated Spurious Emission

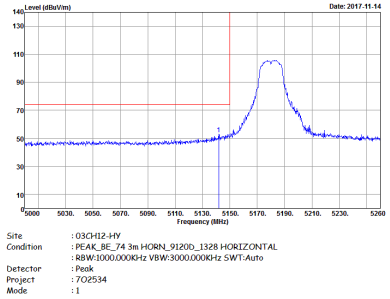
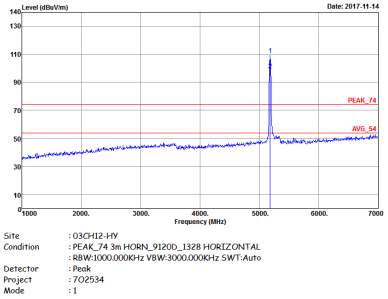
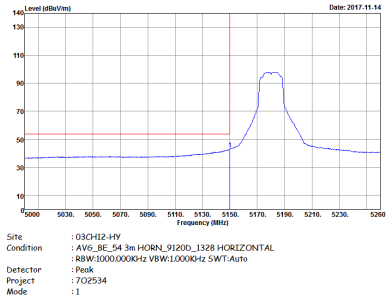
Test Engineer :	Ray Chen, Karl Hou, and Nick Yu	**Temperature :**	23~24°C
		Relative Humidity :	65~66%

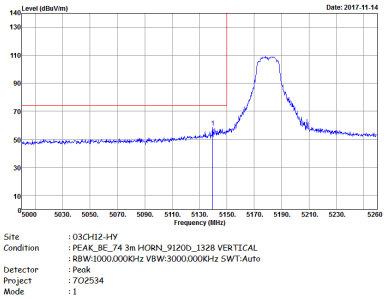
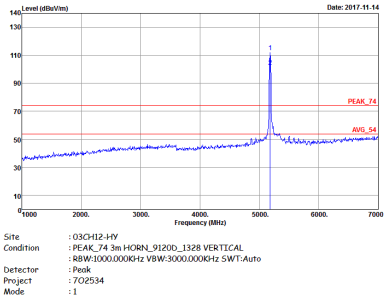
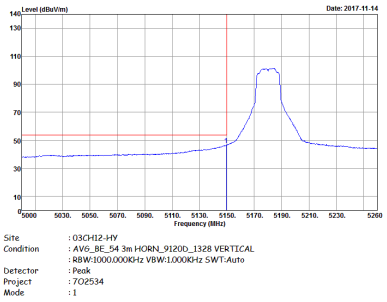
Note symbol

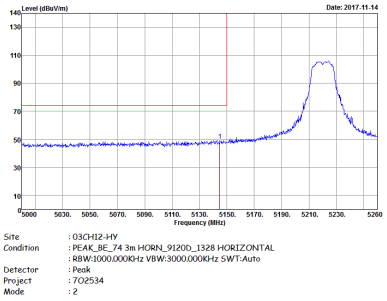
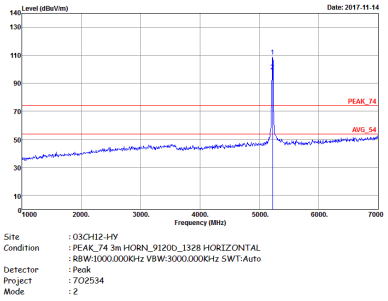
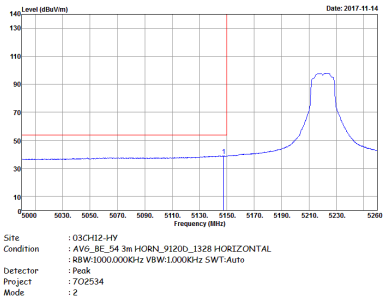
-L	**Low channel location**
-R	**High channel location**

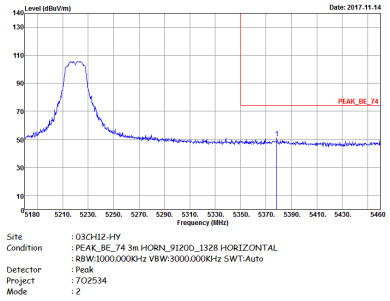
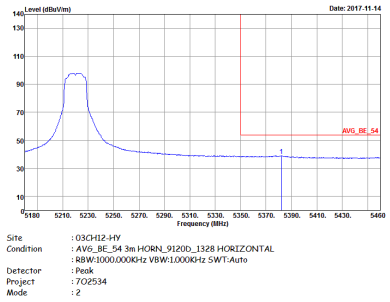
Band 1 - 5150~5250MHz

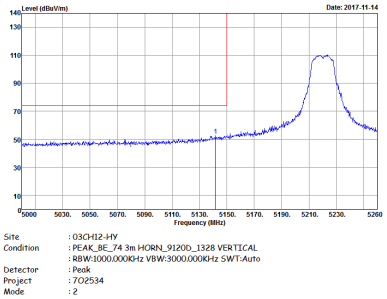
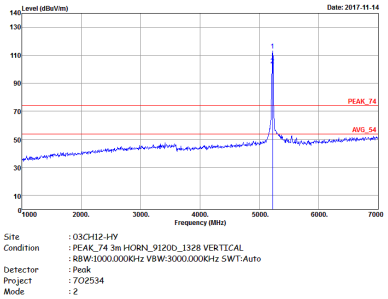
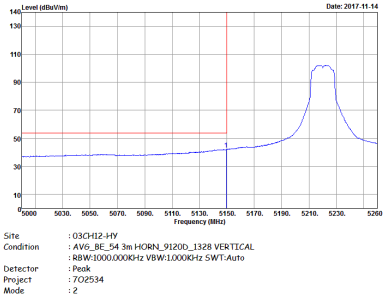
WIFI 802.11a (Band Edge @ 3m)

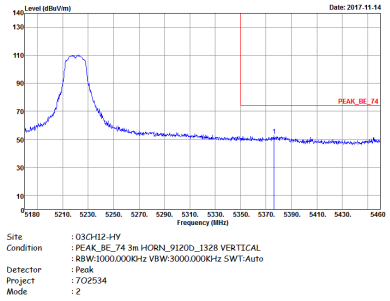
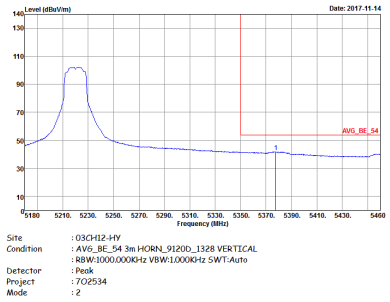
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH36 5180MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

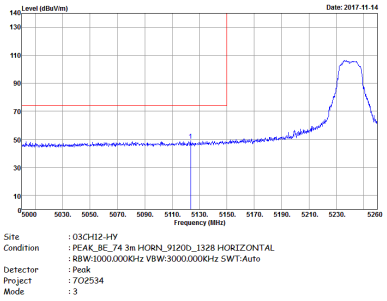
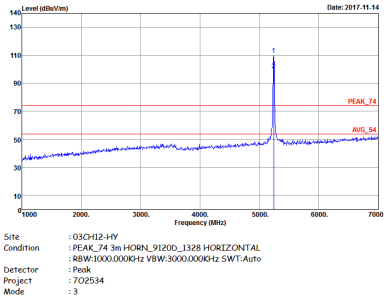
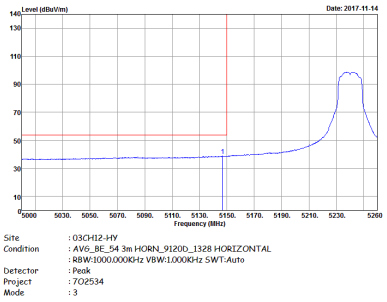
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH36 5180MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

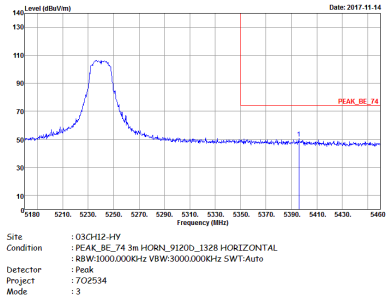
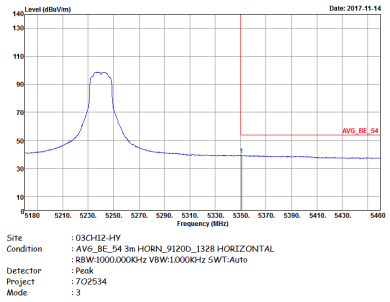
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

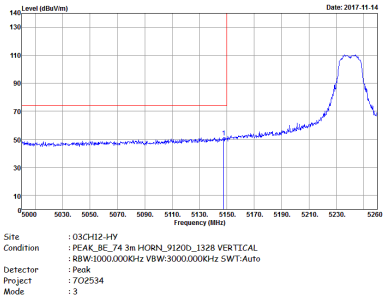
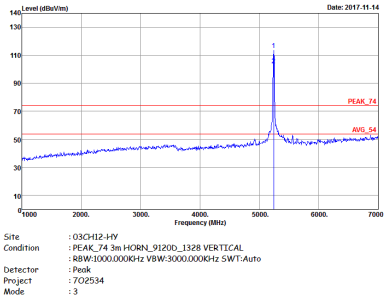
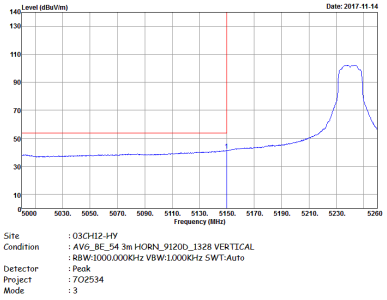
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

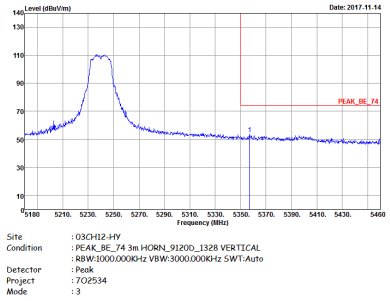
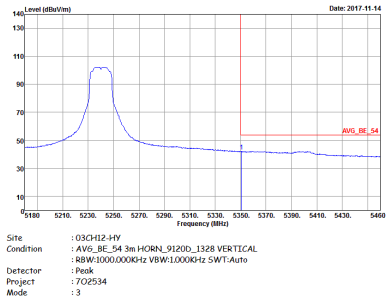
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH44 5220MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH44 5220MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

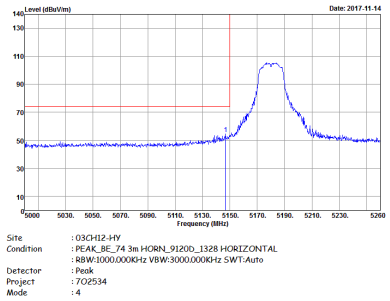
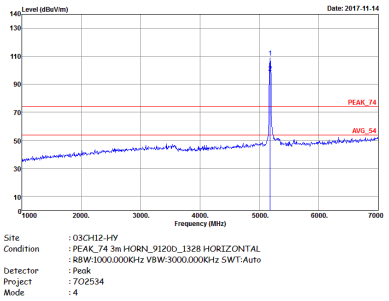
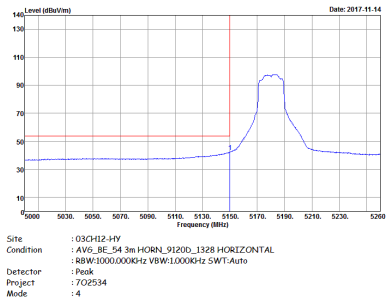
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

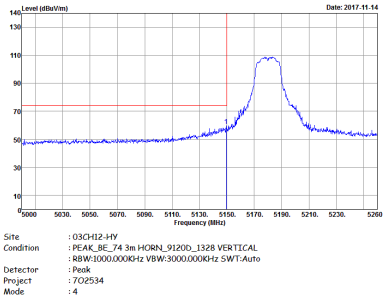
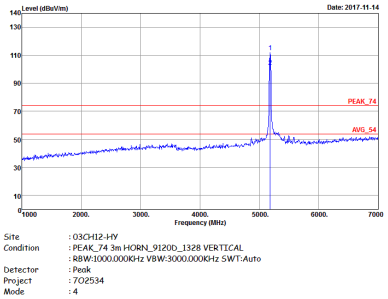
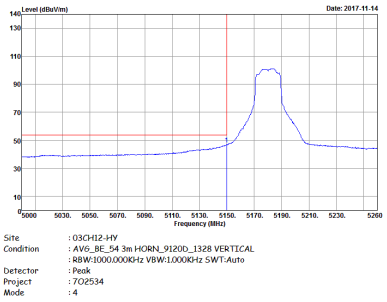
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

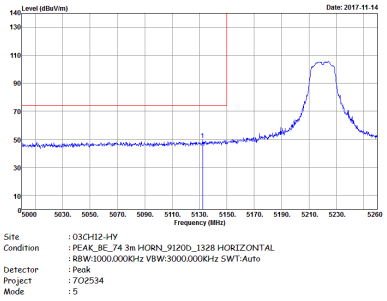
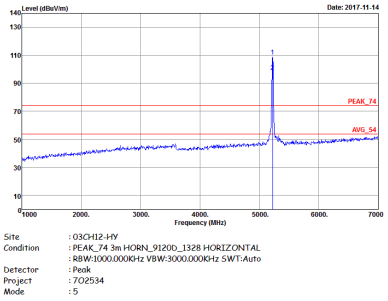
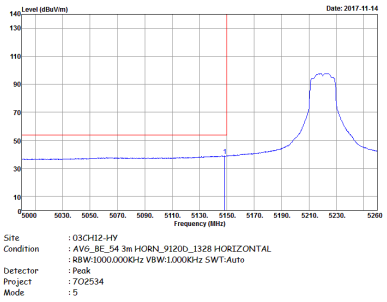
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH48 5240MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

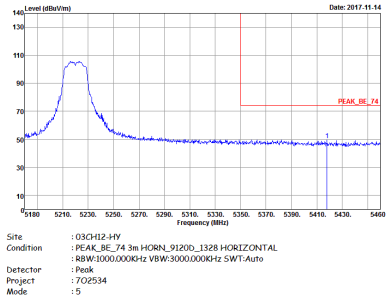
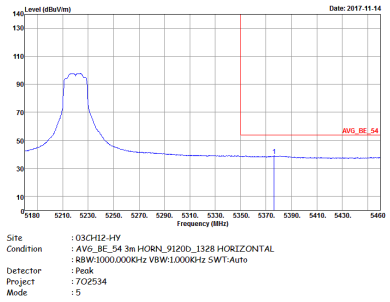
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11a CH48 5240MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

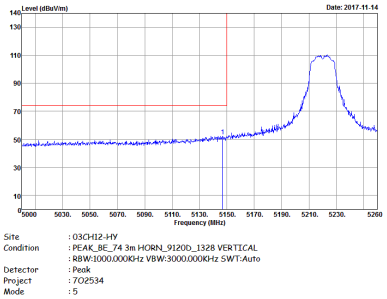
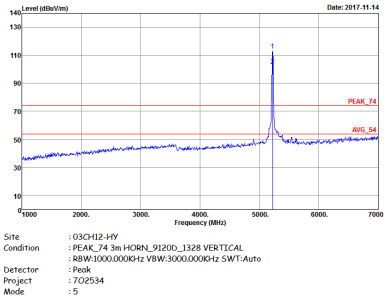
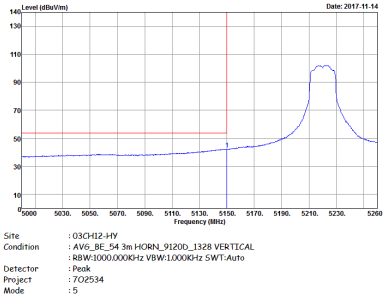
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

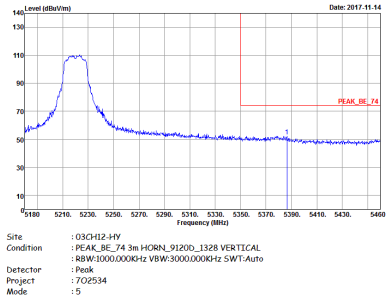
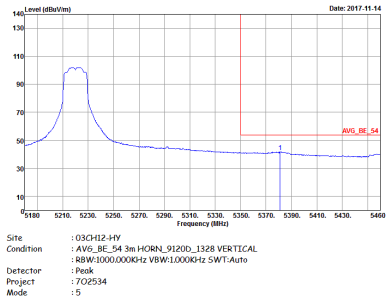
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH36 5180MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

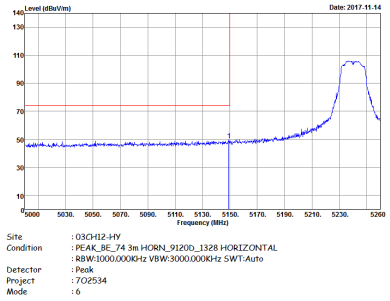
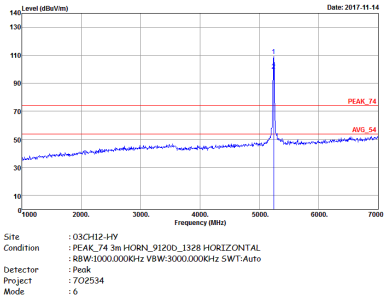
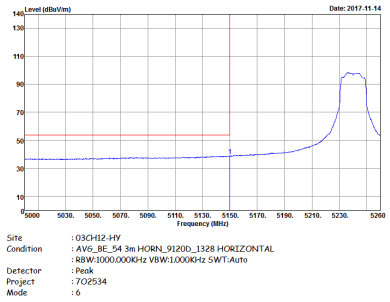
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH36 5180MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

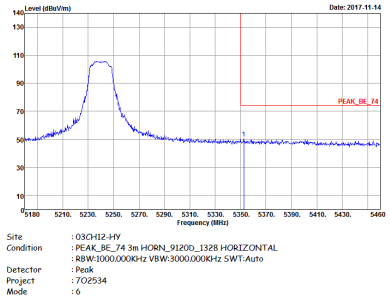
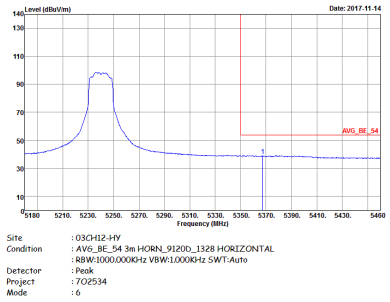
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

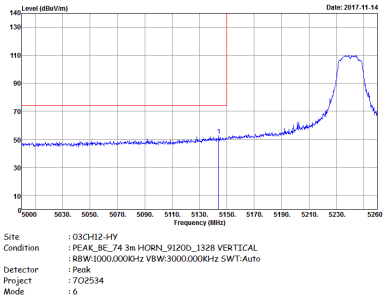
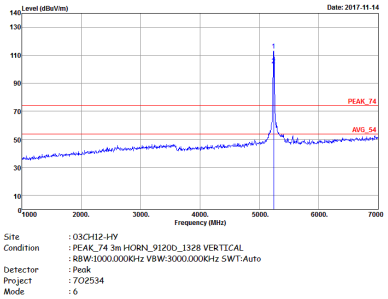
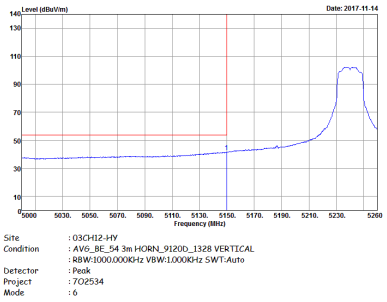
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

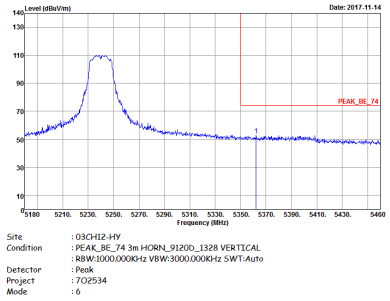
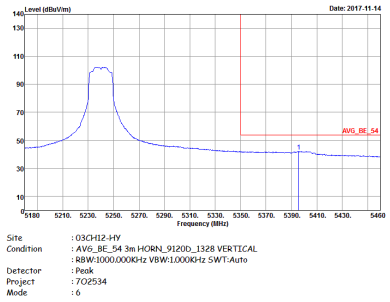
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH44 5220MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH44 5220MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

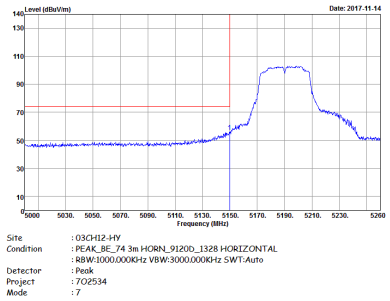
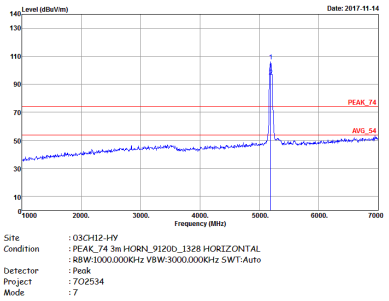
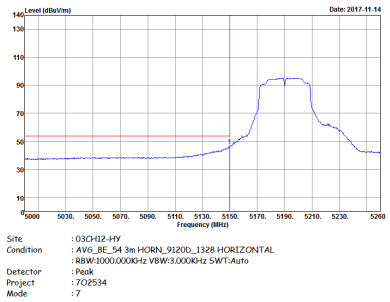
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

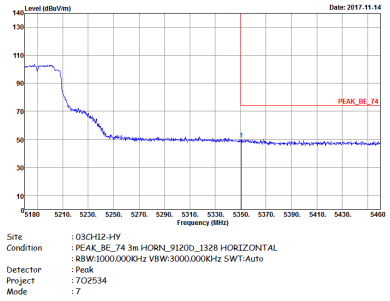
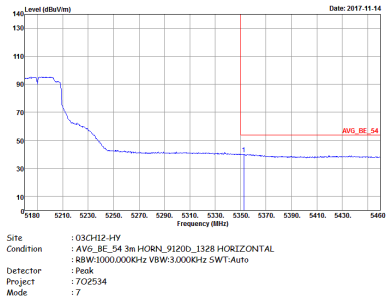
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

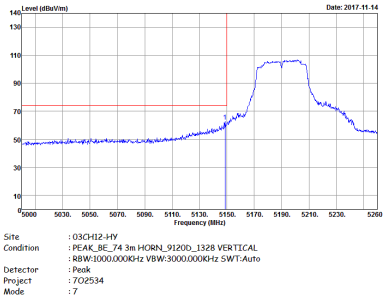
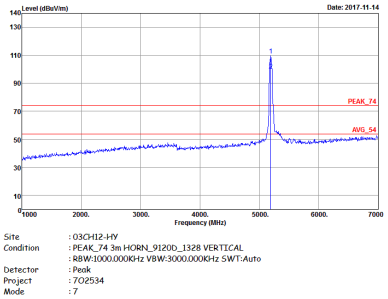
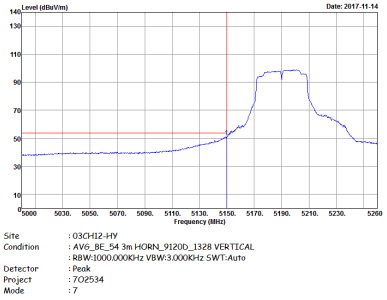
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH48 5240MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

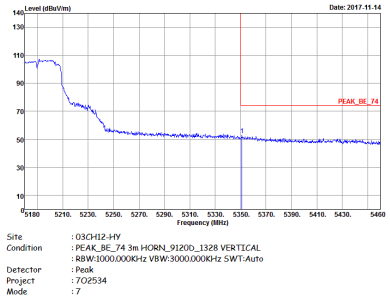
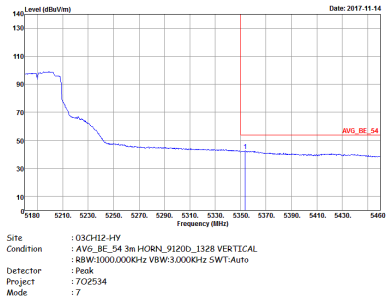
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT20 CH48 5240MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

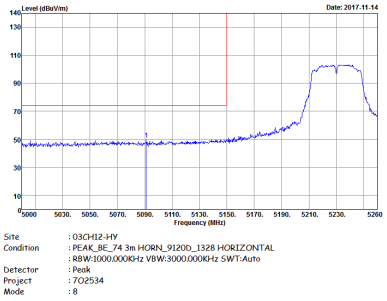
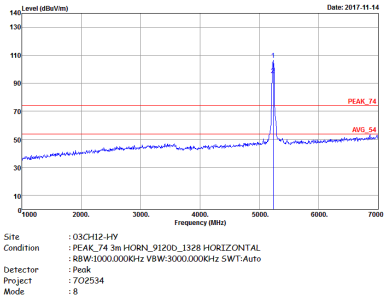
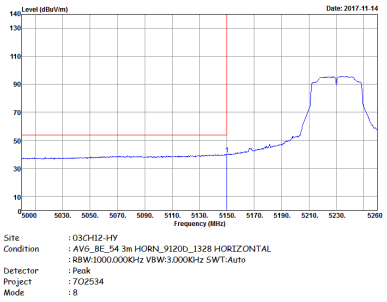
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

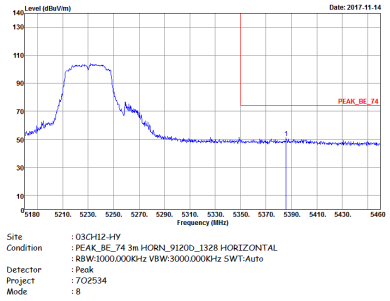
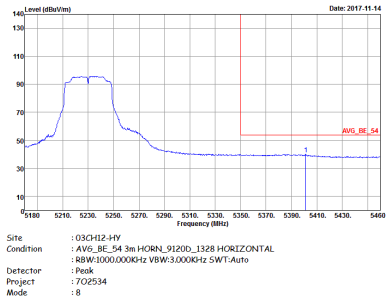
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT40 CH38 5190MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

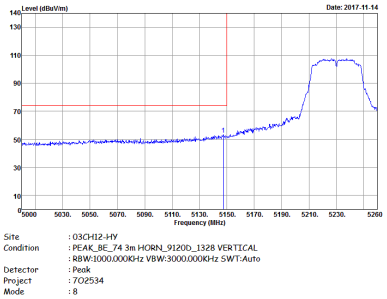
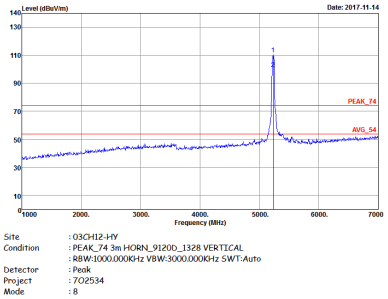
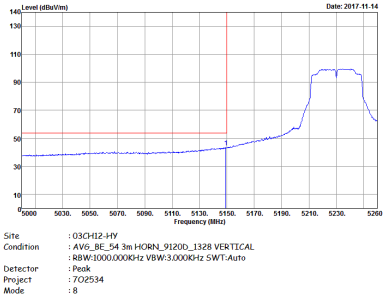
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT40 CH38 5190MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

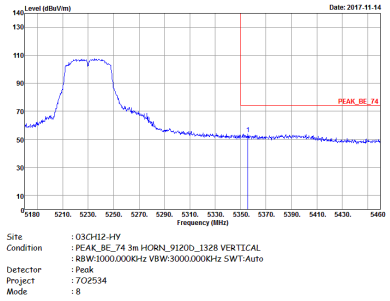
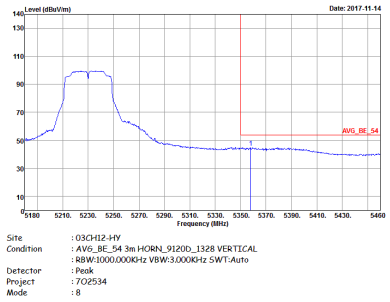
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT40 CH38 5190MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT40 CH38 5190MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

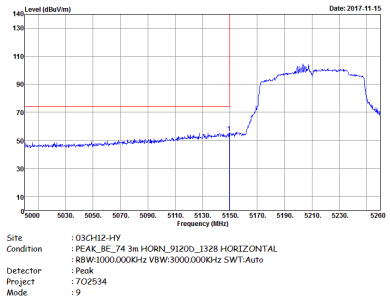
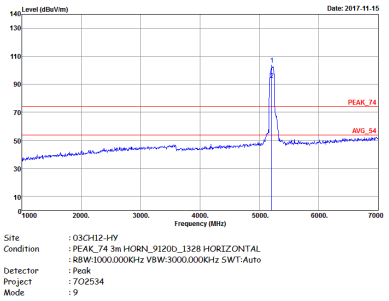
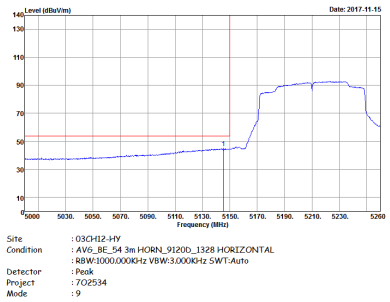
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT40 CH46 5230MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

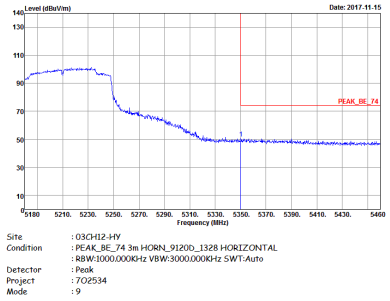
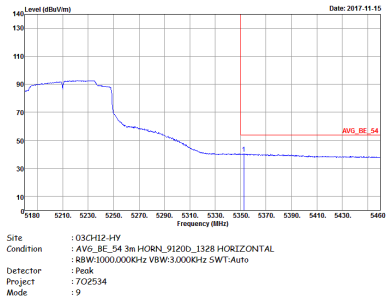
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT40 CH46 5230MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

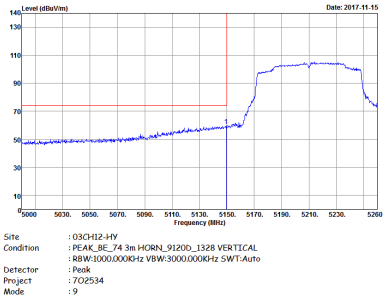
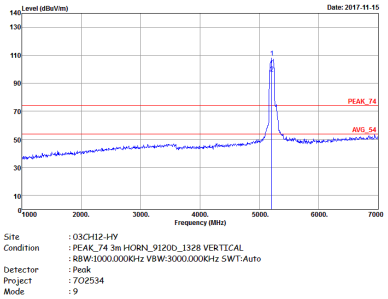
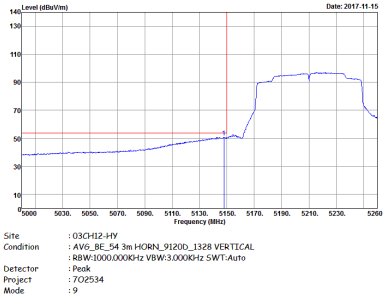
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT40 CH46 5230MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

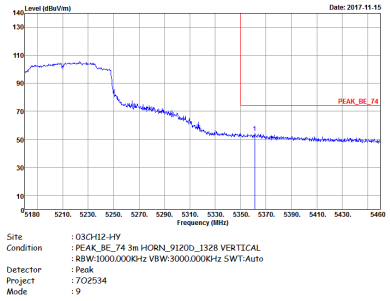
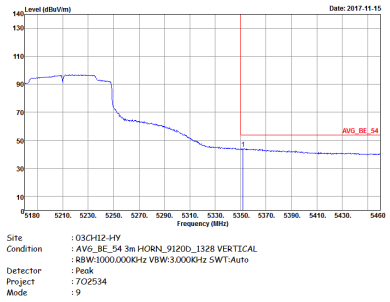
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11n HT40 CH46 5230MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

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

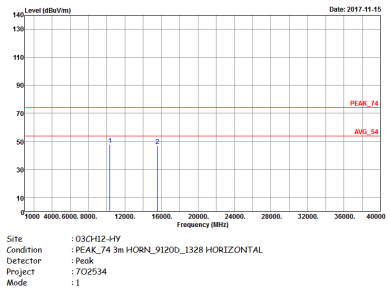
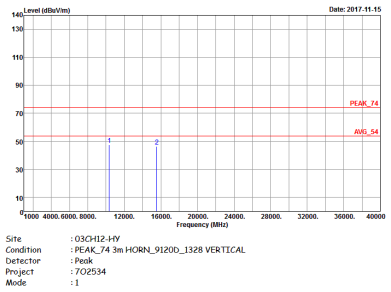
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH42 5210MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

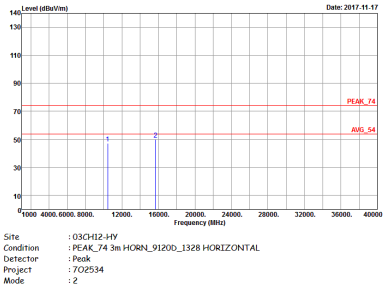
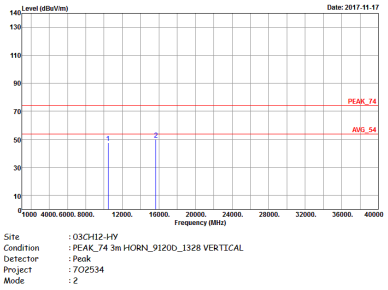
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH42 5210MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

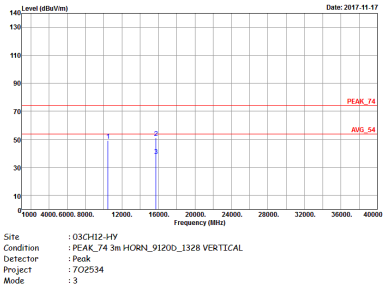
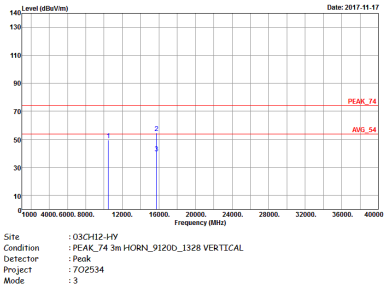
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH42 5210MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

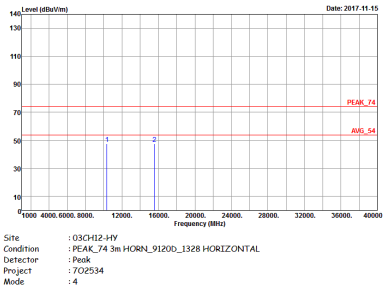
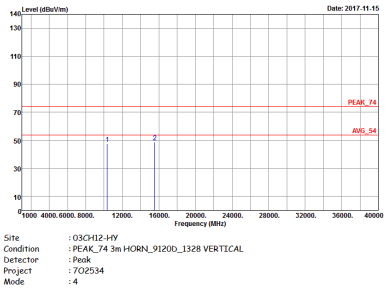
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11a CH36 5180MHz	
2	Horizontal	Vertical
Peak Avg.		

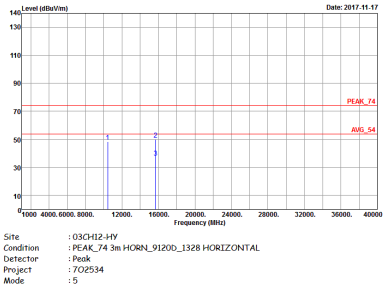
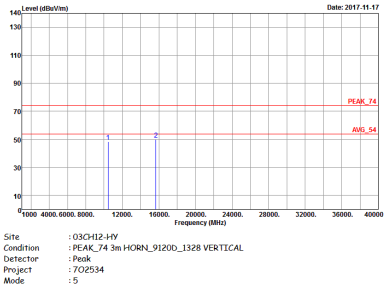
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11a CH44 5220MHz	
2	Horizontal	Vertical
Peak Avg.		

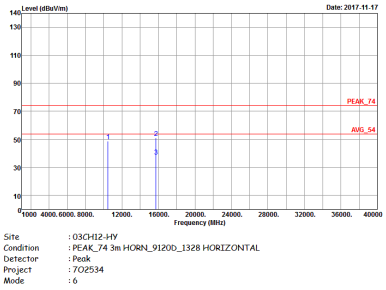
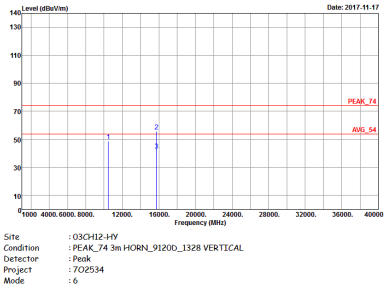
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11a CH48 5240MHz	
2	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

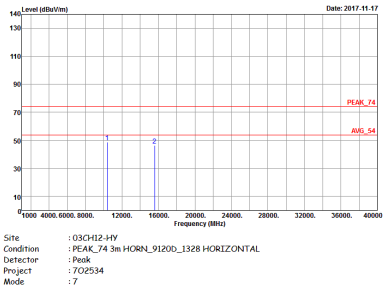
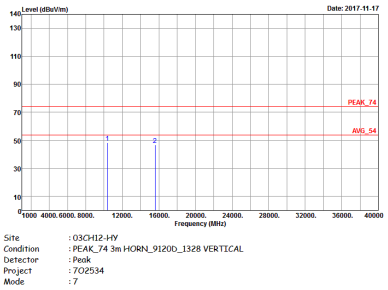
WIFI 802.11n HT20 (Harmonic @ 3m)

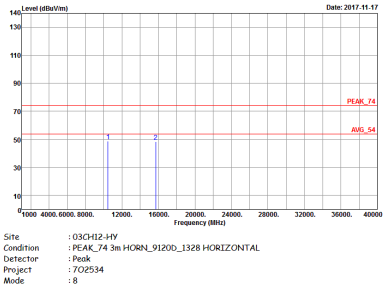
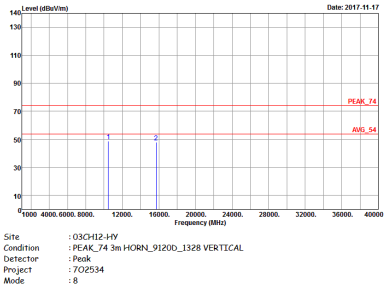
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11n HT20 CH36 5180MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11n HT20 CH44 5220MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11n HT20 CH48 5240MHz	
2	Horizontal	Vertical
Peak Avg.		

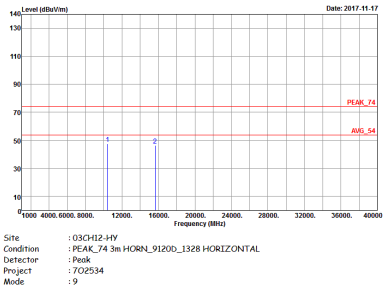
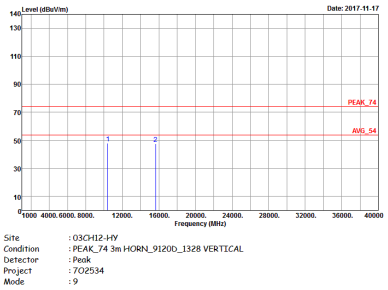
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11n HT40 CH38 5190MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11n HT40 CH46 5230MHz	
2	Horizontal	Vertical
Peak Avg.		

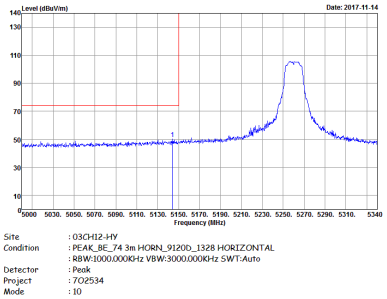
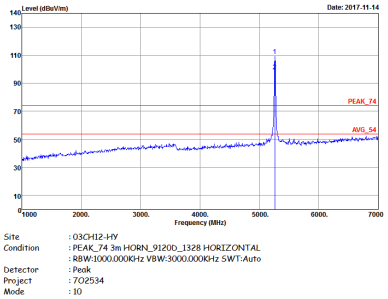
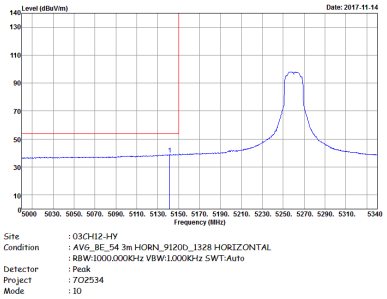
Band 1 5150~5250MHz

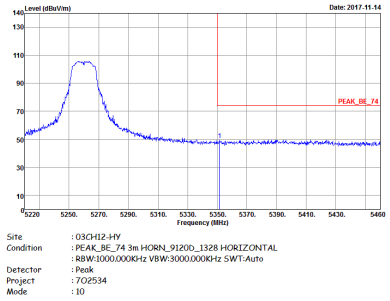
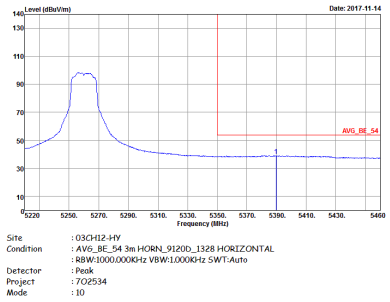
WIFI 802.11ac VHT80 (Harmonic @ 3m)

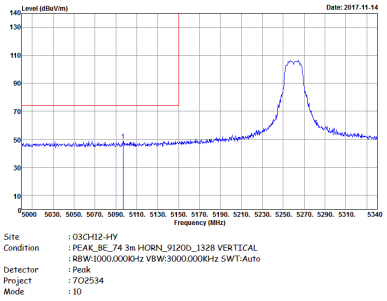
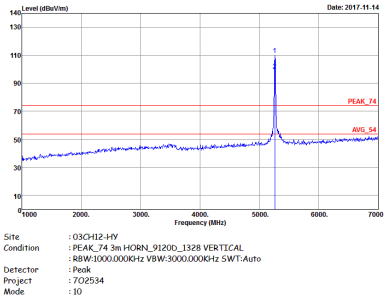
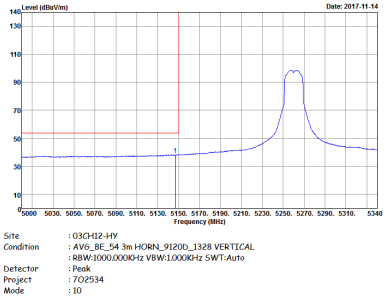
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
Chain	802.11ac VHT80 CH42 5210MHz	
2	Horizontal	Vertical
Peak Avg.		

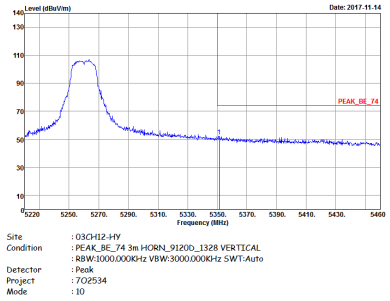
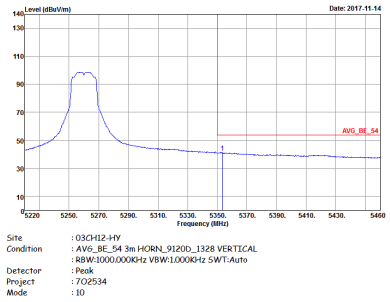
Band 2 - 5250~5350MHz

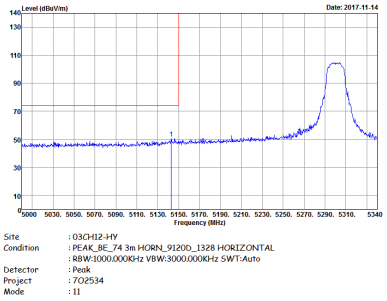
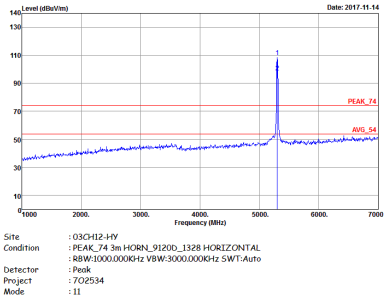
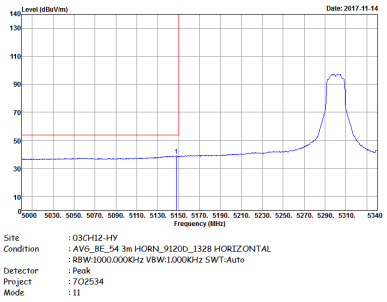
WIFI 802.11a (Band Edge @ 3m)

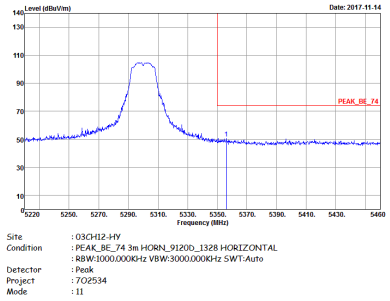
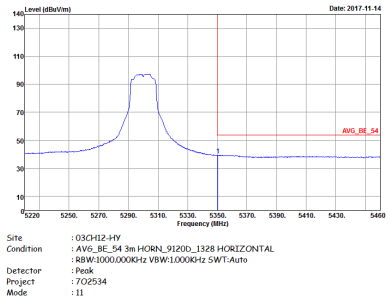
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

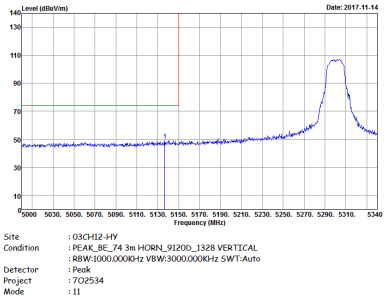
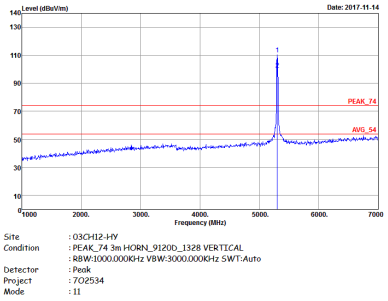
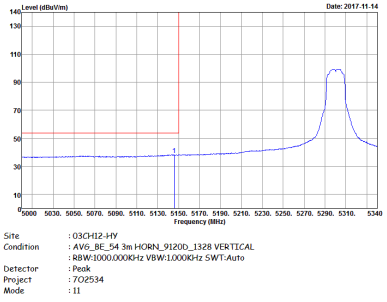
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

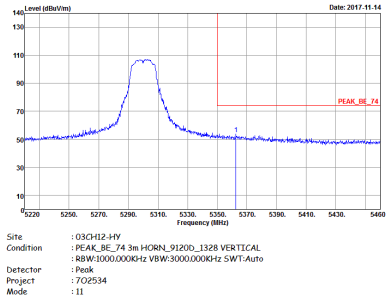
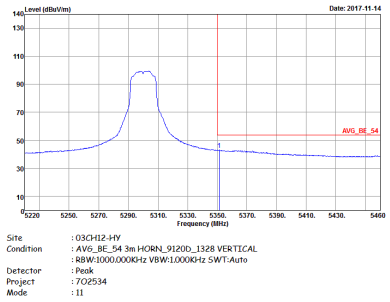
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH52 5260MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

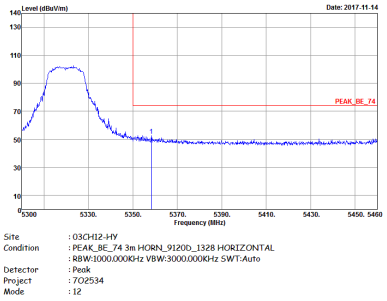
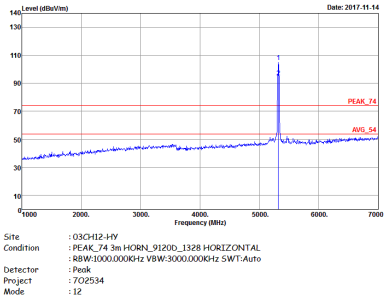
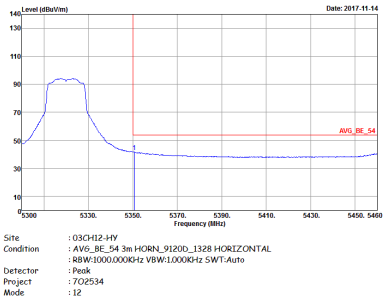
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH52 5260MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

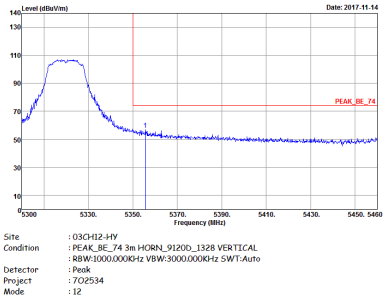
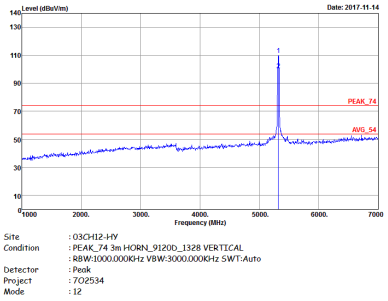
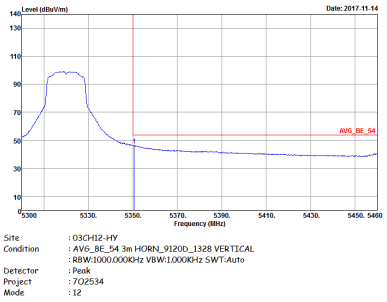
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

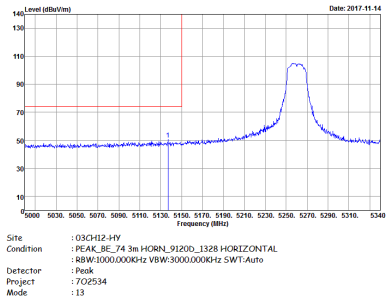
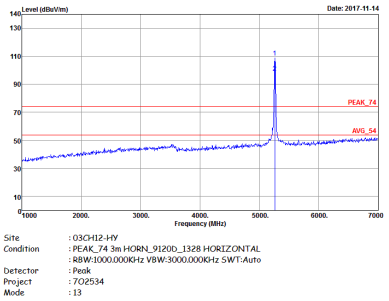
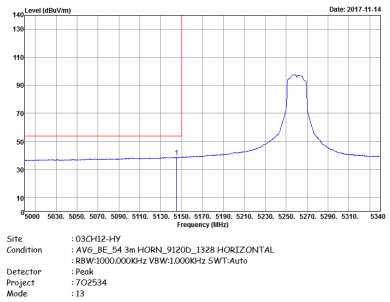
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH60 5300MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

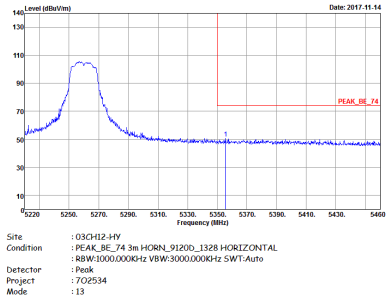
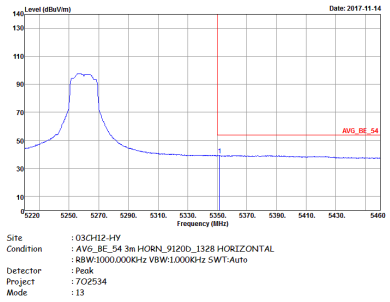
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH60 5300MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

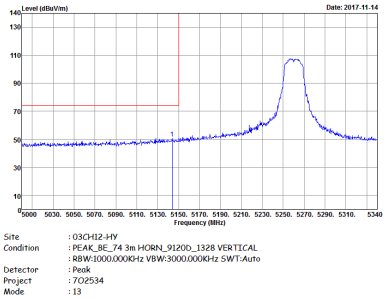
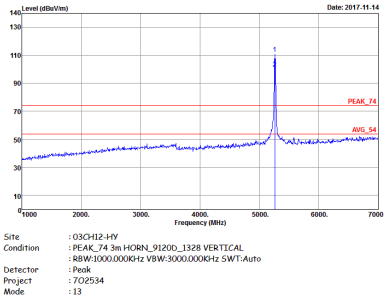
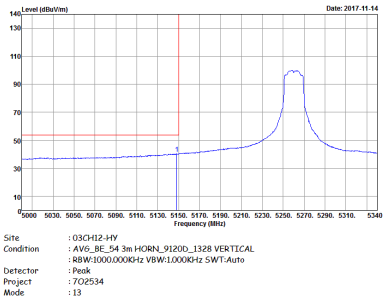
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH64 5320MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

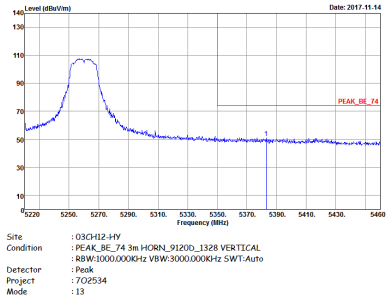
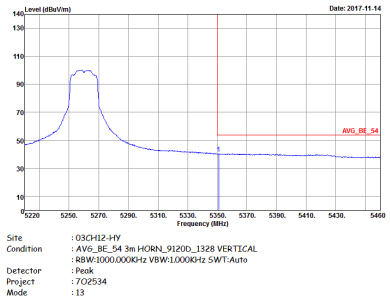
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11a CH64 5320MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

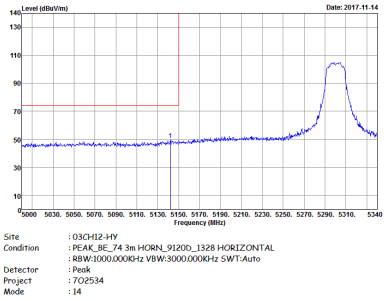
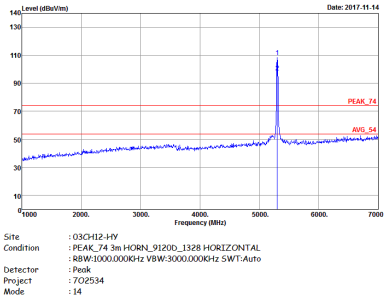
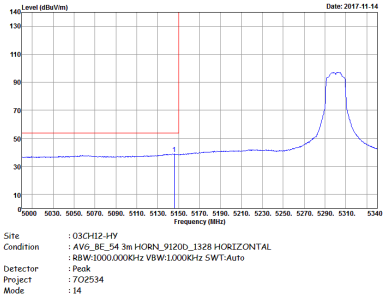
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

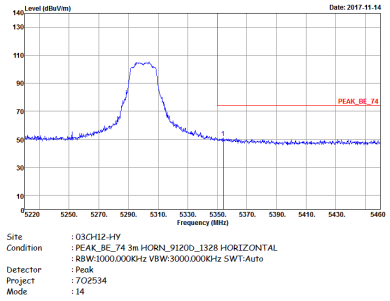
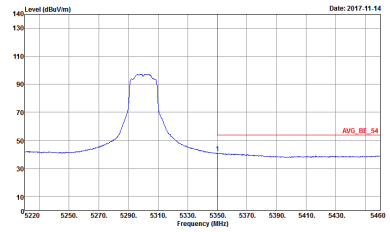
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

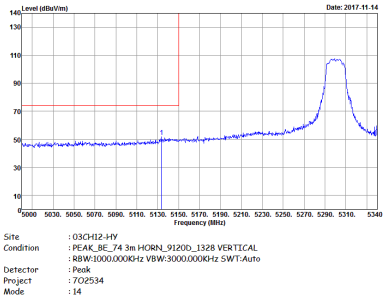
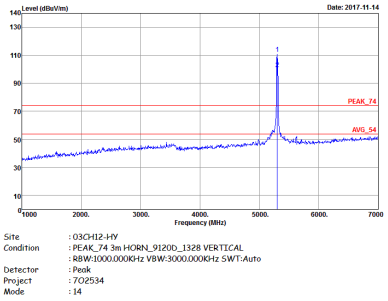
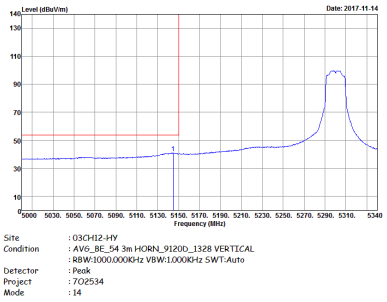
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

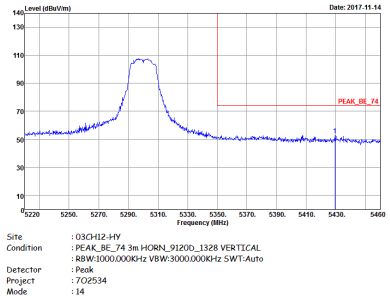
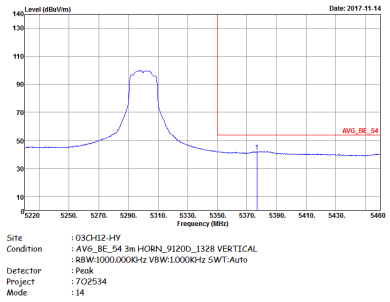
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH52 5260MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

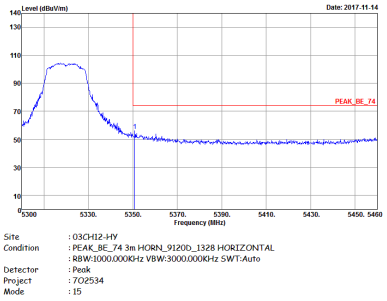
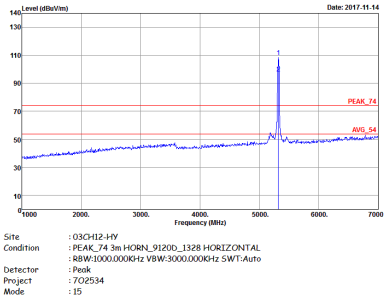
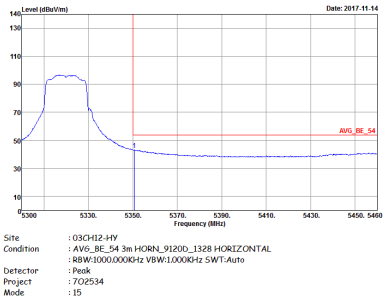
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH52 5260MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

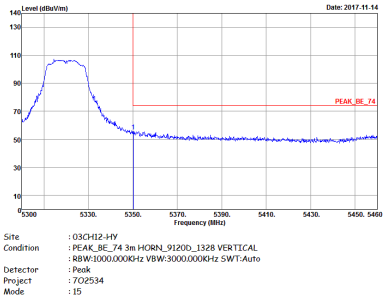
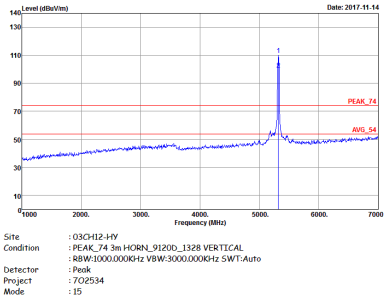
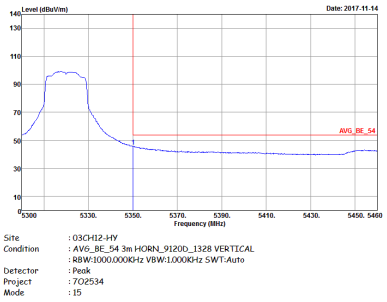
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH60 5300MHz - R	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 7O2534 Mode : 14	Left blank
Avg.	 Site : 03CH12-HY Condition : AV6_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 7O2534 Mode : 14	Left blank

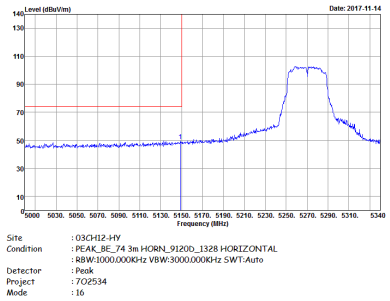
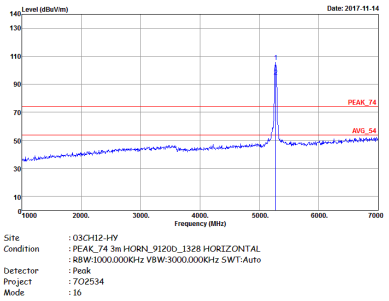
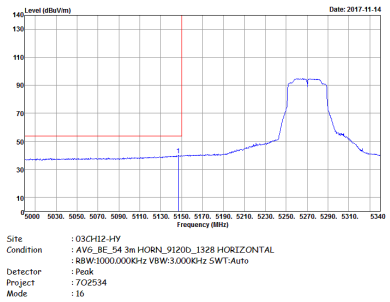
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH60 5300MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

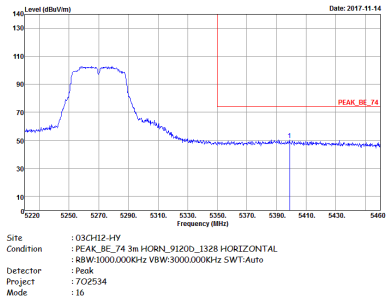
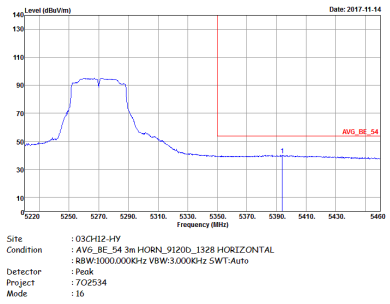
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH60 5300MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

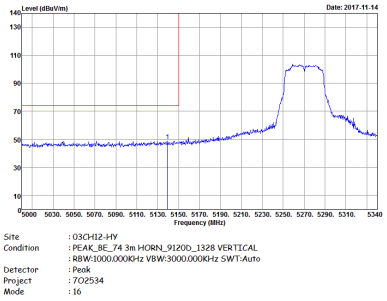
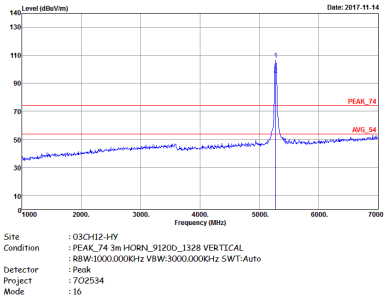
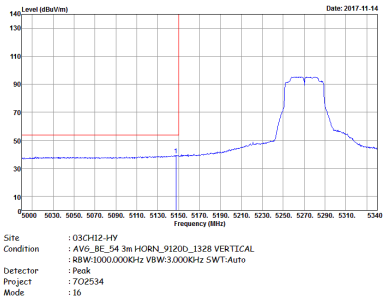
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH64 5320MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

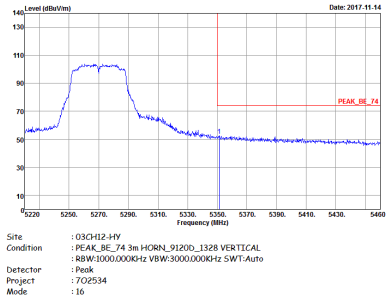
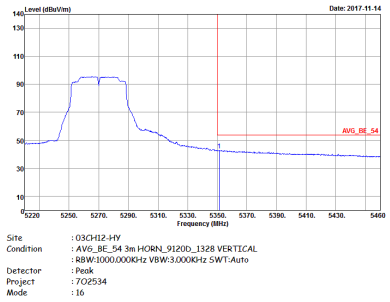
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT20 CH64 5320MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

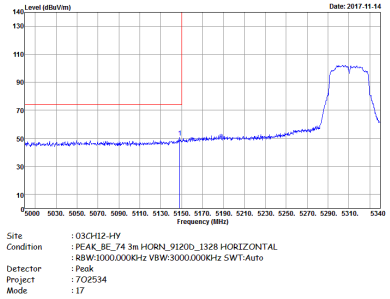
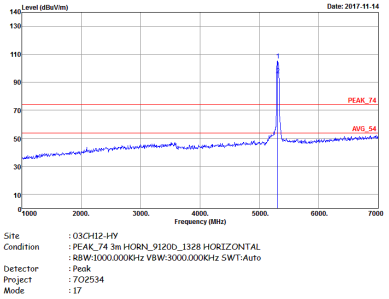
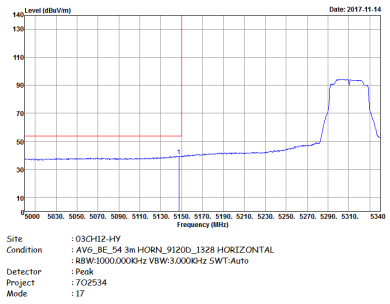
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

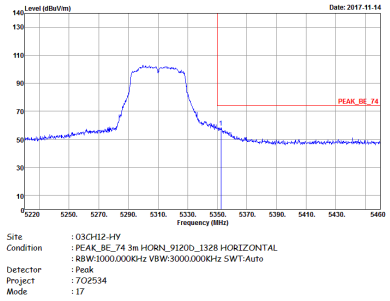
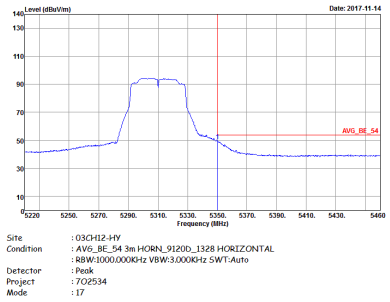
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH54 5270 MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

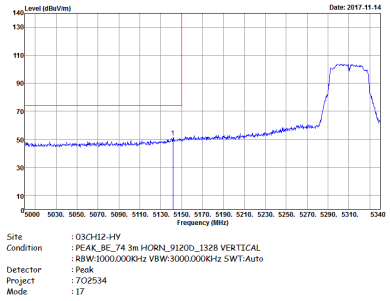
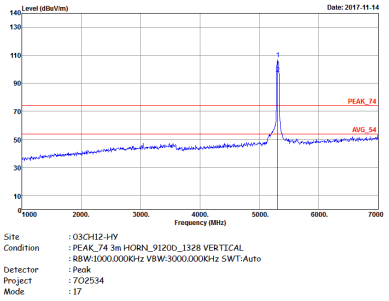
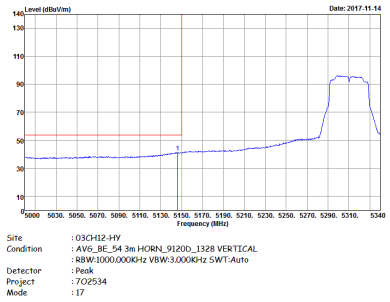
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH54 5270 MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

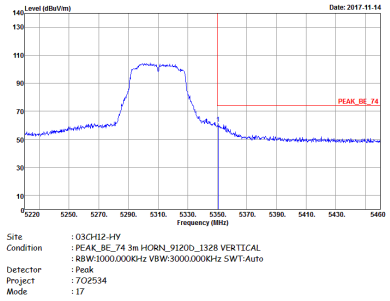
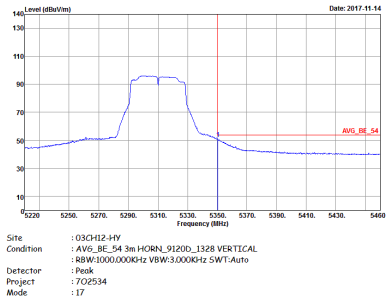
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH54 5270 MHz - L	
2	Vertical	Vertical
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH54 5270 MHz - R	
2	Vertical	Vertical
Peak		Left blank
Avg.		Left blank

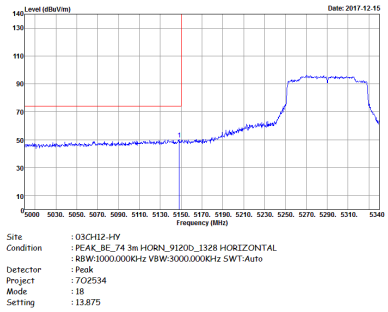
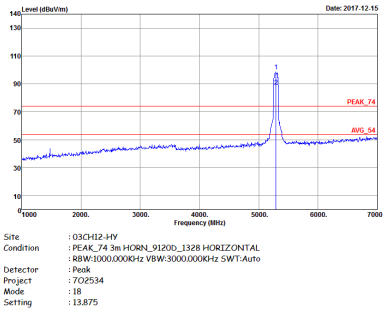
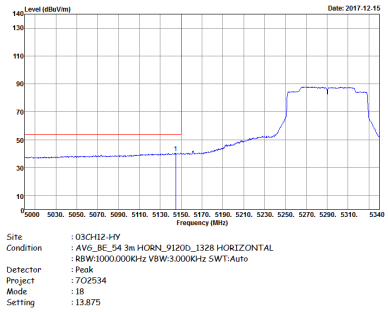
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH62 5310 MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

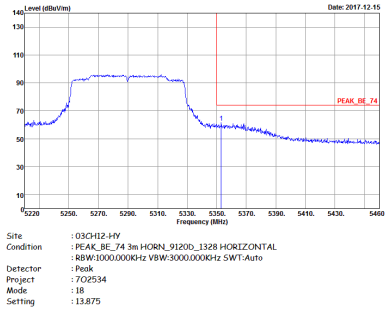
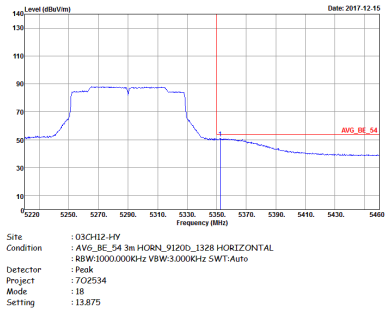
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH62 5310 MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

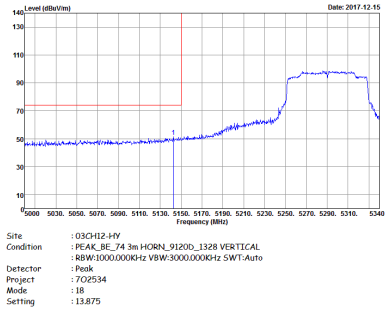
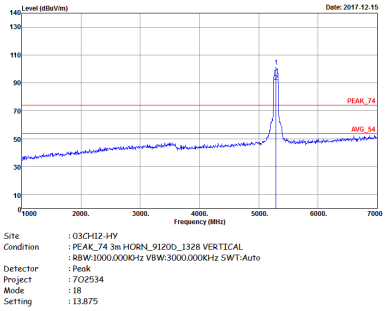
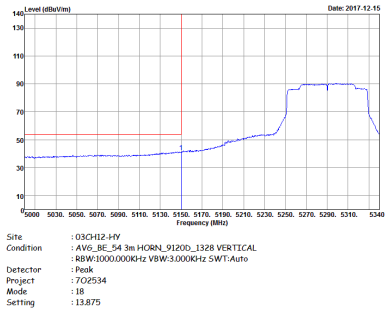
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH62 5310 MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

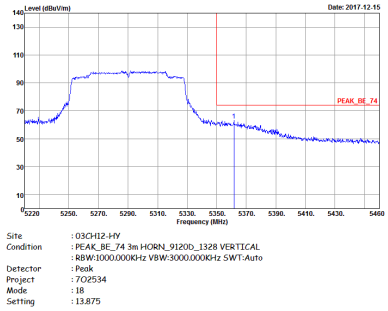
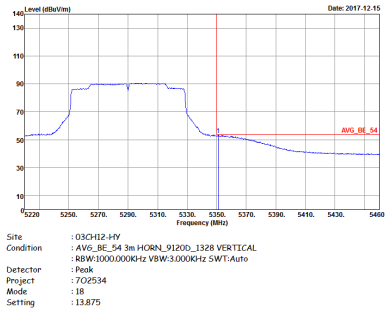
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11n HT40 CH62 5310 MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH58 5290MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

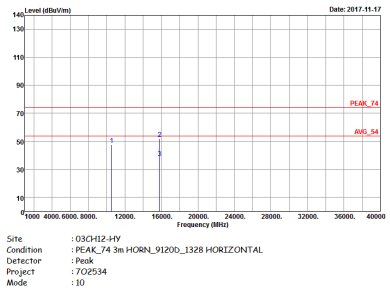
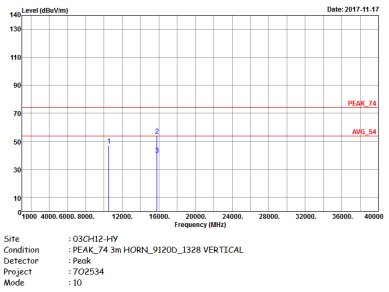
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH58 5290MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

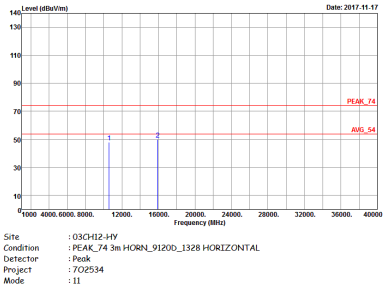
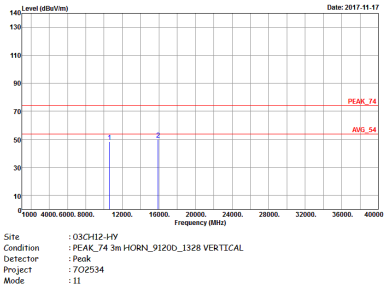
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH58 5290MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

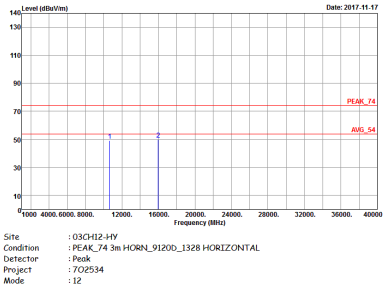
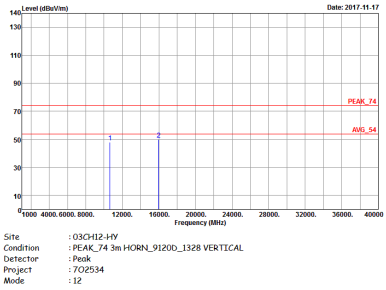
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH58 5290MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

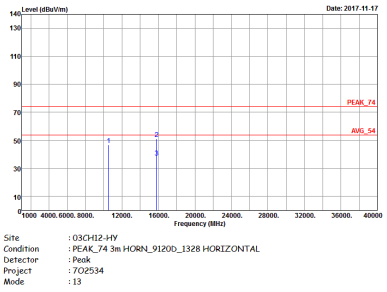
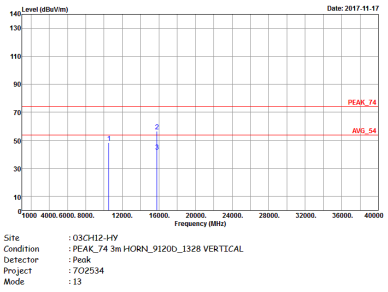
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
Chain	802.11a CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.		

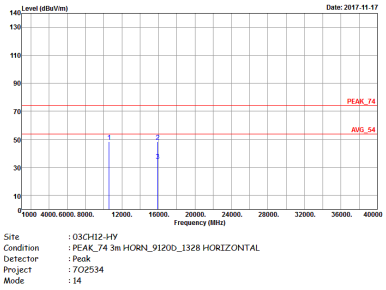
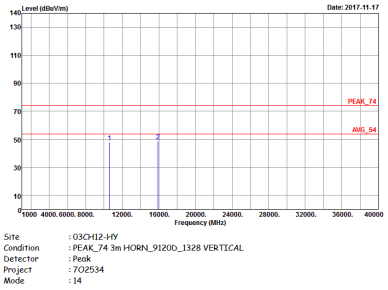
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
Chain	802.11a CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.		

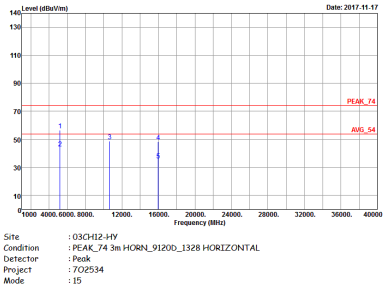
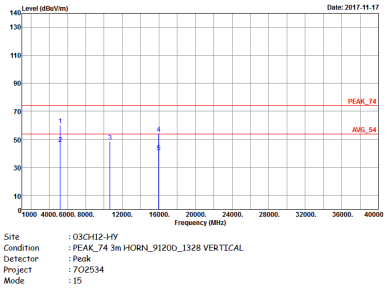
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
Chain	802.11a CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

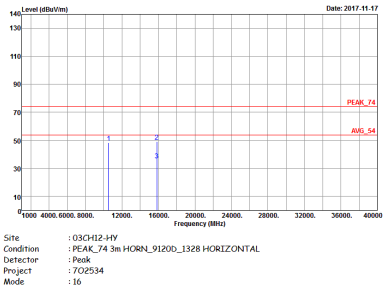
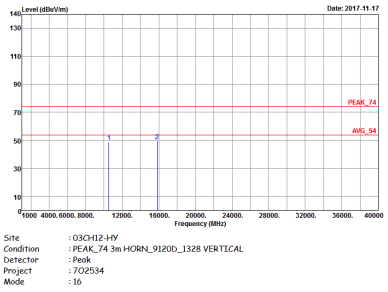
WIFI 802.11n HT20 (Harmonic @ 3m)

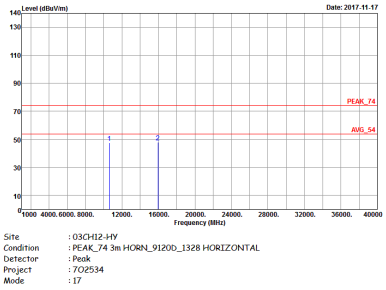
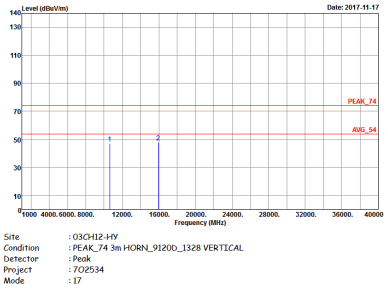
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
Chain	802.11n HT20 CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
Chain	802.11n HT20 CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
Chain	802.11n HT20 CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.		

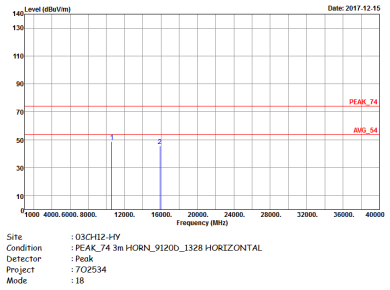
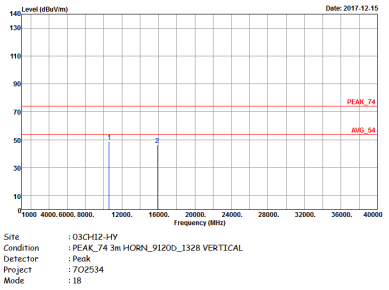
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
Chain	802.11n HT40 CH62 5310 MHz	
2	Horizontal	Vertical
Peak Avg.		

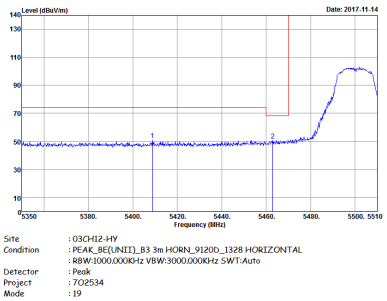
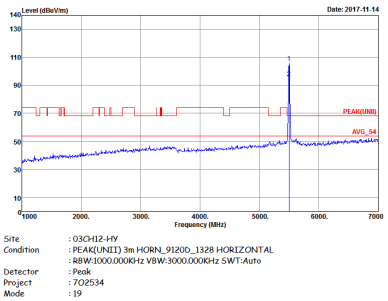
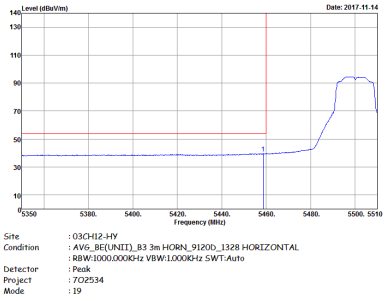
Band 2 5250~5350MHz

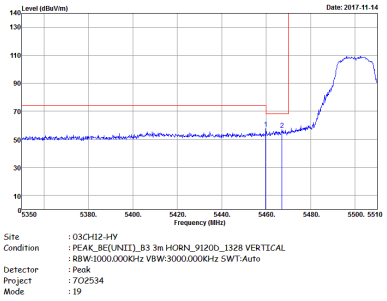
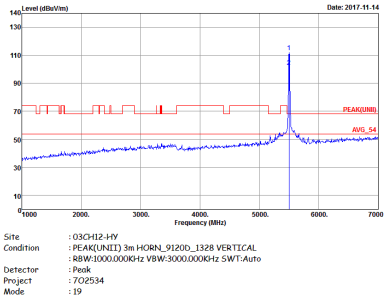
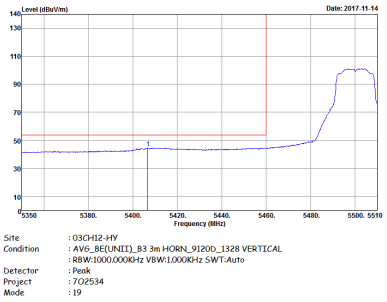
WIFI 802.11ac VHT80 (Harmonic @ 3m)

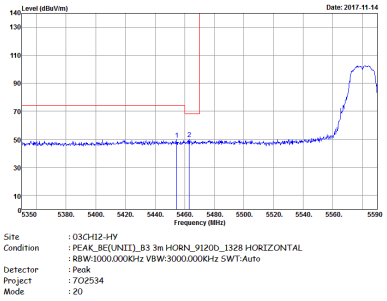
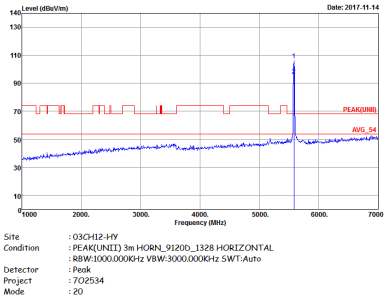
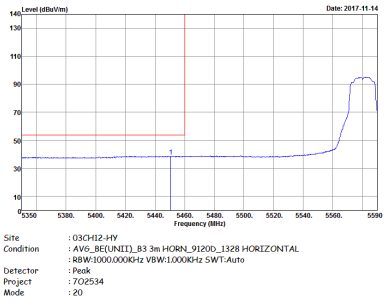
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
Chain	802.11ac VHT80 CH58 5290MHz	
2	Horizontal	Vertical
Peak Avg.		

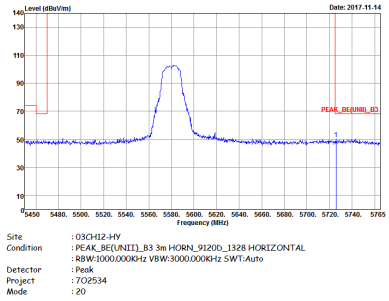
Band 3 - 5470~5725MHz

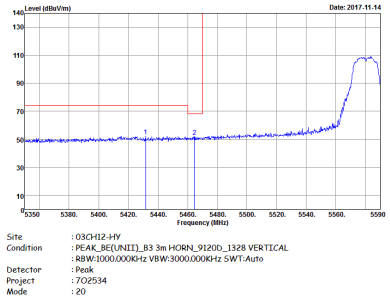
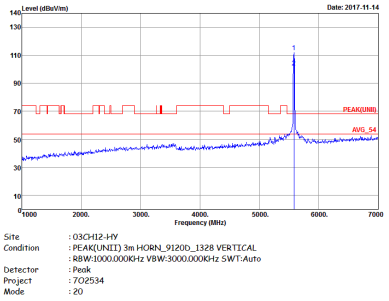
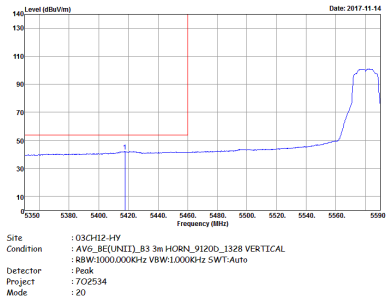
WIFI 802.11a (Band Edge @ 3m)

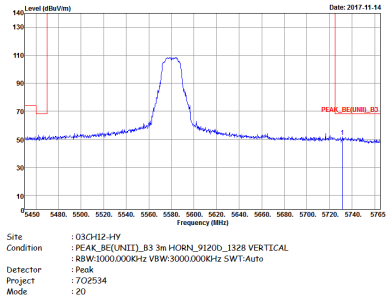
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11a CH100 5500MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

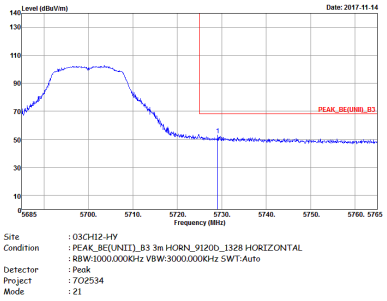
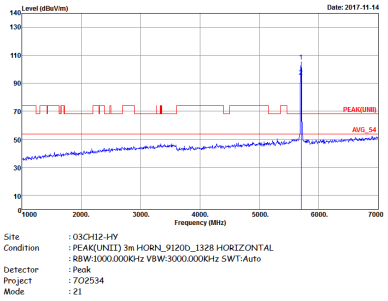
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11a CH100 5500MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

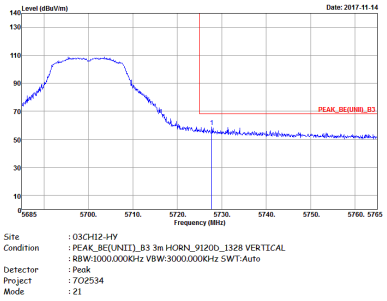
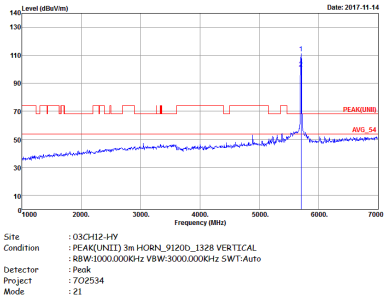
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11a CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

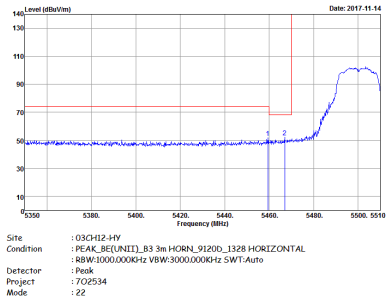
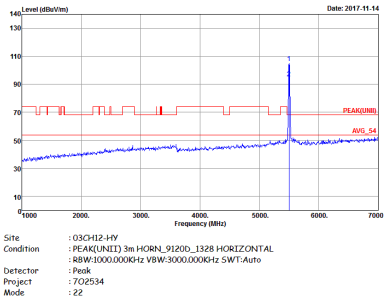
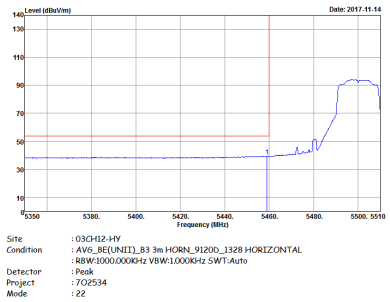
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11a CH116 5580MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

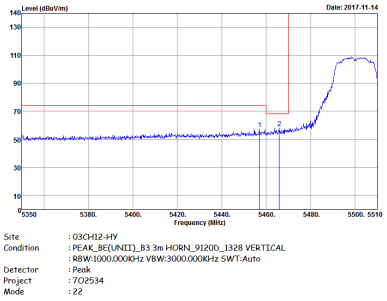
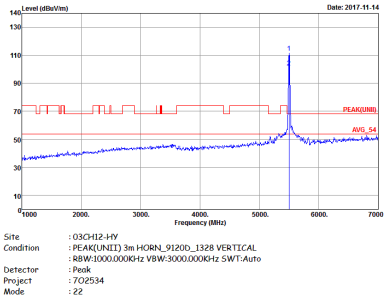
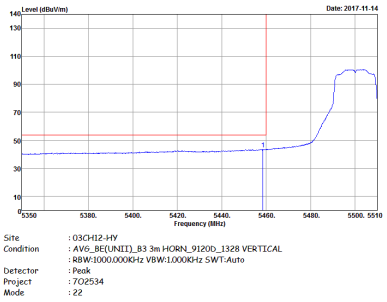
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11a CH116 5580MHz - R	
2	Vertical	Fundamental
Peak		Left blank

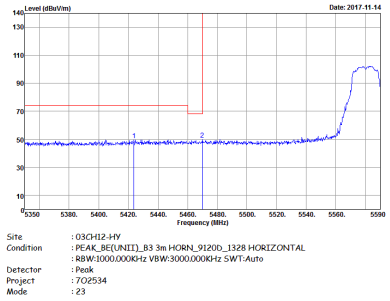
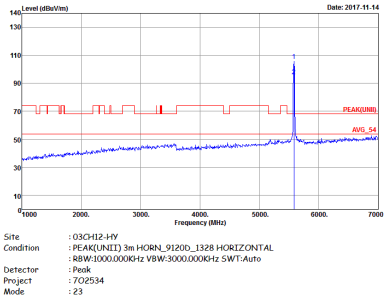
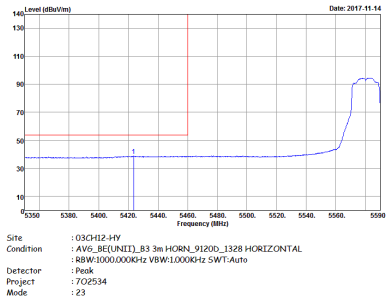
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11a CH140 5700MHz	
2	Horizontal	Fundamental
Peak		

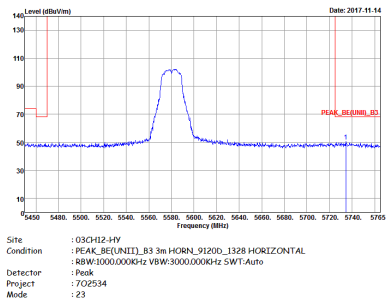
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11a CH140 5700MHz	
2	Vertical	Fundamental
Peak		

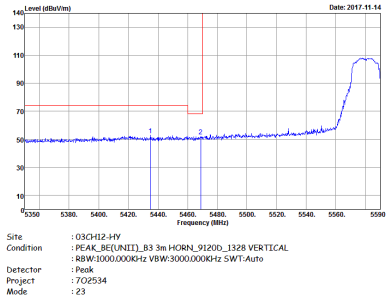
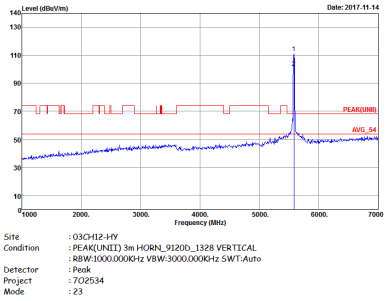
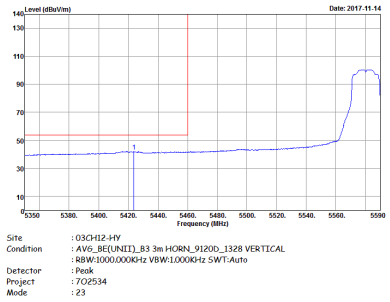
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

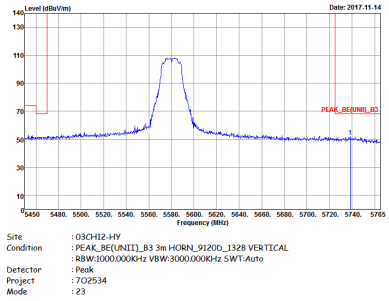
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT20 CH100 5500MHz	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

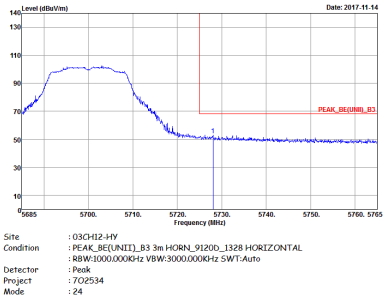
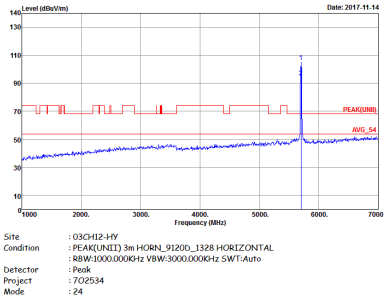
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT20 CH100 5500MHz	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

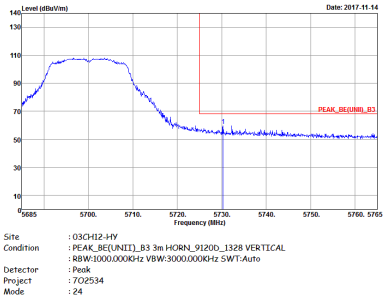
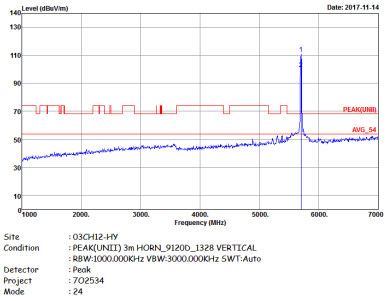
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT20 CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT20 CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

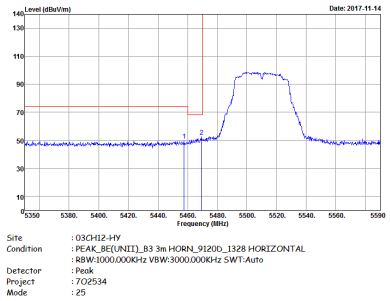
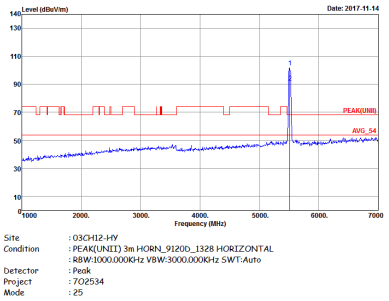
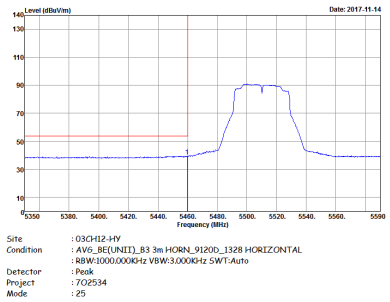
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT20 CH116 5580MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

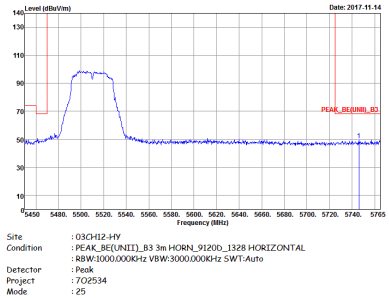
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT20 CH116 5580MHz - R	
2	Vertical	Fundamental
Peak		Left blank

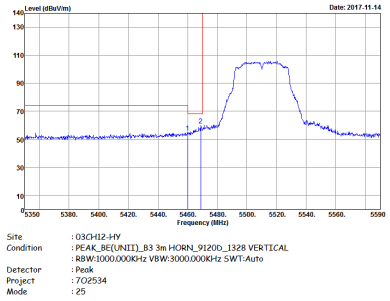
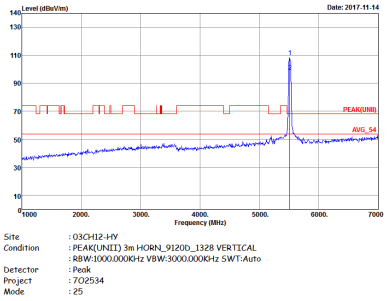
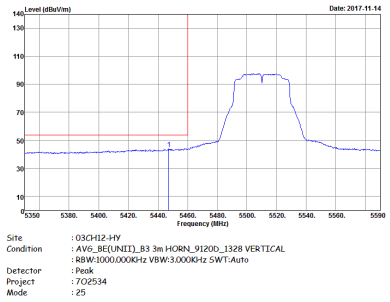
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT20 CH140 5700MHz	
2	Horizontal	Fundamental
Peak		

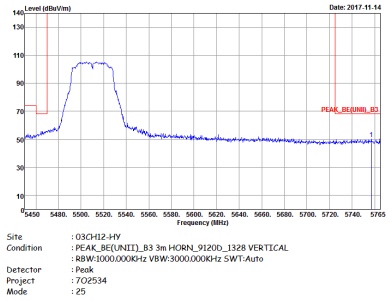
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT20 CH140 5700MHz	
2	Vertical	Fundamental
Peak.		

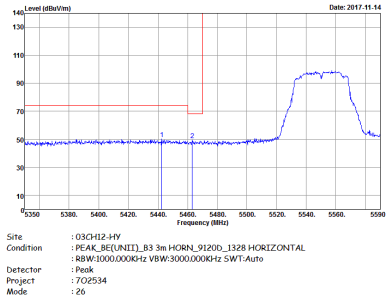
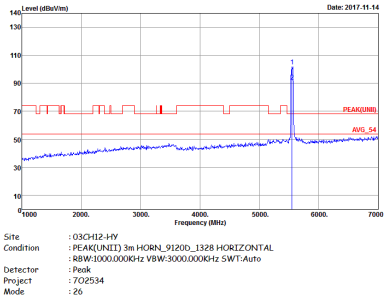
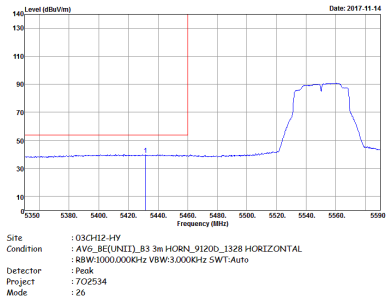
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

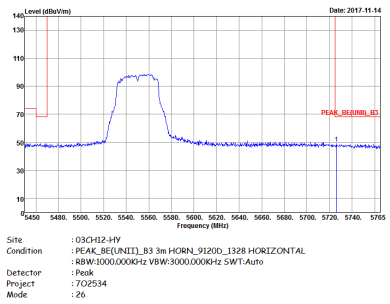
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH102 5510MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

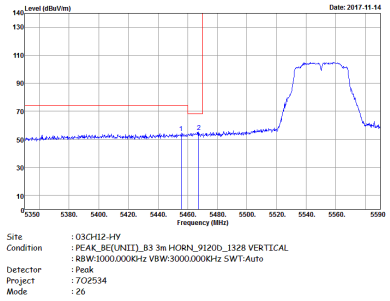
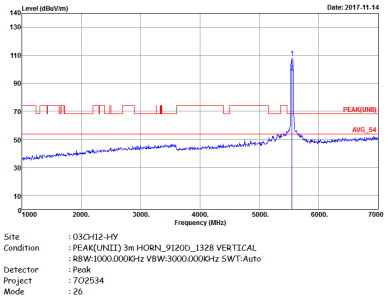
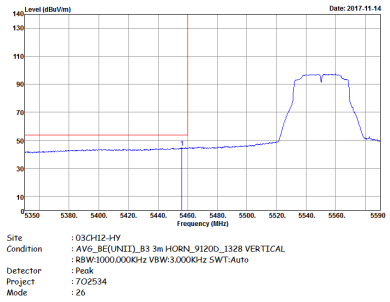
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH102 5510MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

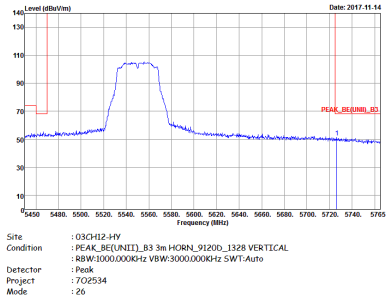
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH102 5510MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

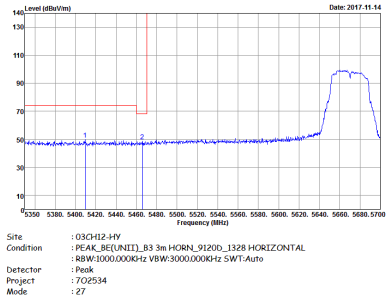
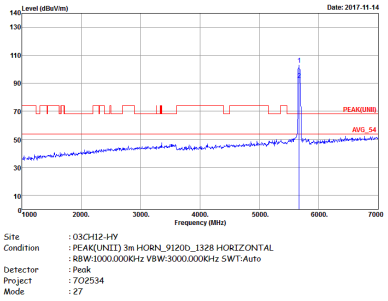
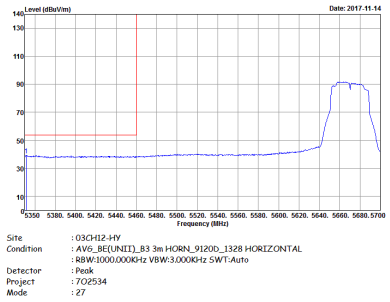
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH102 5510MHz - R	
2	Vertical	Fundamental
Peak		Left blank

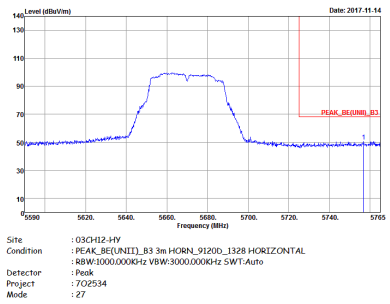
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH110 5550MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

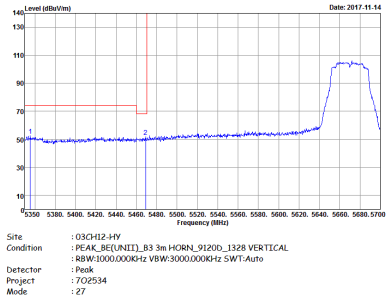
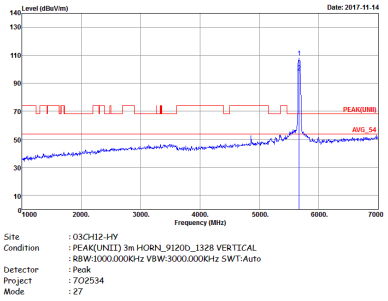
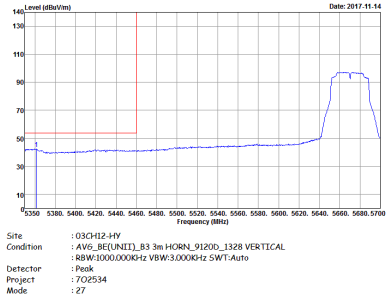
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH110 5550MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

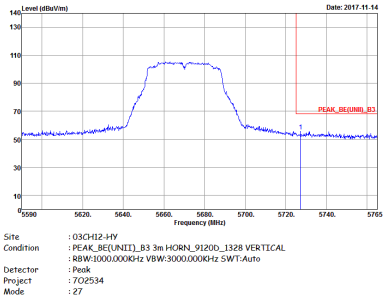
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH110 5550MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH110 5550MHz - R	
2	Vertical	Fundamental
Peak		Left blank

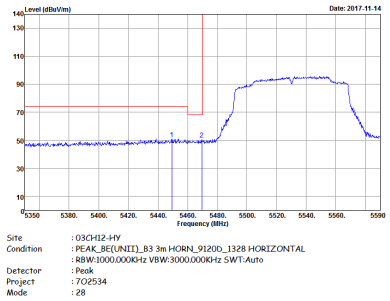
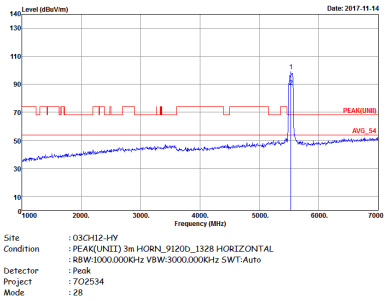
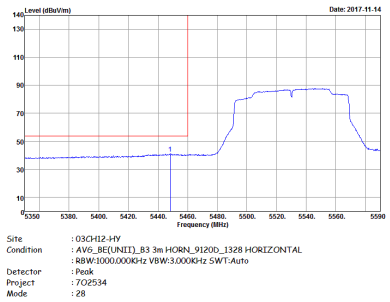
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH134 5670MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

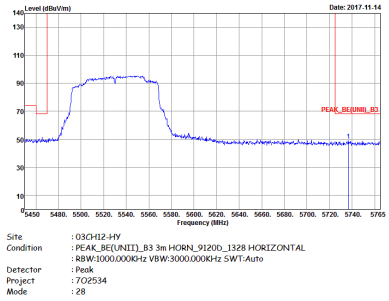
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH134 5670MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

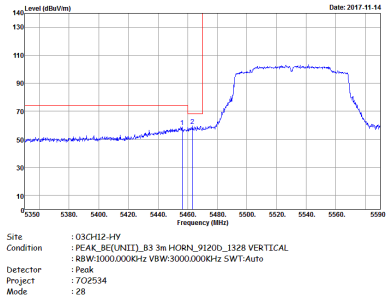
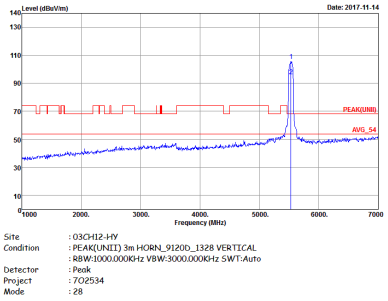
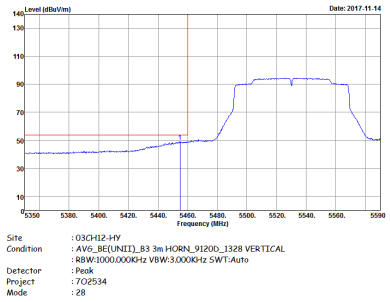
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH134 5670MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11n HT40 CH134 5670MHz - R	
2	Vertical	Fundamental
Peak		Left blank

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

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH106 5530MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH106 5530MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
Chain	802.11ac VHT80 CH106 5530MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		Left blank