



FCC RF Test Report

APPLICANT : Wistron Corporation
EQUIPMENT : Tablet PC
BRAND NAME : Lenovo
MODEL NAME : TP00082A
FCC ID : PU5-TP00082AI
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure

Equipment: Intel 8265D2W tested inside of Lenovo Tablet PC

This is a partial report which is included the conducted emission and radiated emission test items. The product was received on Sep. 12, 2016 and testing was completed on Nov. 21, 2016. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager



SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.

SPORTON INTERNATIONAL INC.

TEL : 886-3-327-3456

FAX : 886-3-328-4978

FCC ID : PU5-TP00082AI

Page Number : 1 of 26

Report Issued Date : Dec. 05, 2016

Report Version : Rev. 01

Report Template No.: BU5-FR15EWLAC MA Version 1.4



TABLE OF CONTENTS

REVISION HISTORY	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Manufacturer	5
1.3 Product Feature of Equipment Under Test.....	5
1.4 Product Specification of Equipment Under Test.....	6
1.5 Modification of EUT	6
1.6 Testing Location	6
1.7 Applicable Standards.....	7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	8
2.1 Carrier Frequency and Channel	8
2.2 Test Mode	9
2.3 Connection Diagram of Test System.....	12
2.4 Support Unit used in test configuration and system	13
2.5 EUT Operation Test Setup	13
3 TEST RESULT	14
3.1 Unwanted Emissions Measurement	14
3.2 AC Conducted Emission Measurement.....	19
3.3 Automatically Discontinue Transmission	23
3.4 Antenna Requirements	24
4 LIST OF MEASURING EQUIPMENT	25
5 UNCERTAINTY OF EVALUATION	26
APPENDIX A. RADIATED SPURIOUS EMISSION	
APPENDIX B. RADIATED SPURIOUS EMISSION PLOTS	
APPENDIX C. DUTY CYCLE PLOTS	
APPENDIX D. SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR5N2711-09D	Rev. 01	Initial issue of report	Dec. 05, 2016



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.407(b)	Unwanted Emissions	$\leq -17, -27$ dBm (depend on band) & 15.209(a)	Pass	Under limit 0.56 dB at 5150.000 MHz
3.2	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 9.30 dB at 0.470 MHz and 0.550 MHz
3.3	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.4	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-

1 General Description

1.1 Applicant

Wistron Corporation

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

1.2 Manufacturer

Wistron Corporation

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

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Tablet PC
Brand Name	Lenovo
Model Name	TP00082A
FCC ID	PU5-TP00082AI
Integrated WLAN Module	Brand Name: Intel Model Name: 8265D2W
EUT supports Radios application	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. Equipment: Intel 8265D2W tested inside of Lenovo Tablet PC.

Antenna Information		
Manufacturer	PULSE	
Antenna Type	Main: Dipole Antenna	Aux.: Dipole Antenna
Part Number	025.900FC.0001	025.900FD.0001
Peak Gain	WLAN (2.4GHz): -0.82	WLAN (2.4GHz): 1.39
	WLAN (5GHz): 2.31	Bluetooth : 1.39 WLAN (5GHz): 3.13

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		
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)		
Antenna Function Description		Ant. 1	Ant. 2
	802.11 a/n/ac	V	V
	802.11 n/ac MIMO	V	V

Note: MIMO Ant. 1+2 is a calculated result from sum of the power MIMO Ant. 1 and MIMO Ant. 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. TW1022 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C. TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	CO05-HY	03CH07-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 v01r03
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ FCC KDB 644545 D03 Guidance for IEEE 802 11ac New Rules v01
- ♦ 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

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: conducted emission (150 kHz to 30 MHz) and radiated emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z plane for Ant. 1; X plane for Ant. 2 and Ant. 1+2) were recorded in this report.

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 mode of conducted test items and radiated spurious emissions are considering the modulation and worse data rates as below table.

Single Antenna

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

MIMO Antenna

Modulation	Data Rate
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

AC Conducted Emission	Mode 1 : WLAN (5GHz) Tx + TF + TC
Remark: 1. TF stands for Test Function, and consists of MPEG4 and H-pattern. 2. TC stands for Test Configuration, and consists of iPod Earphone, USB HD, Adapter, SD Card, and DP Cable.	



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



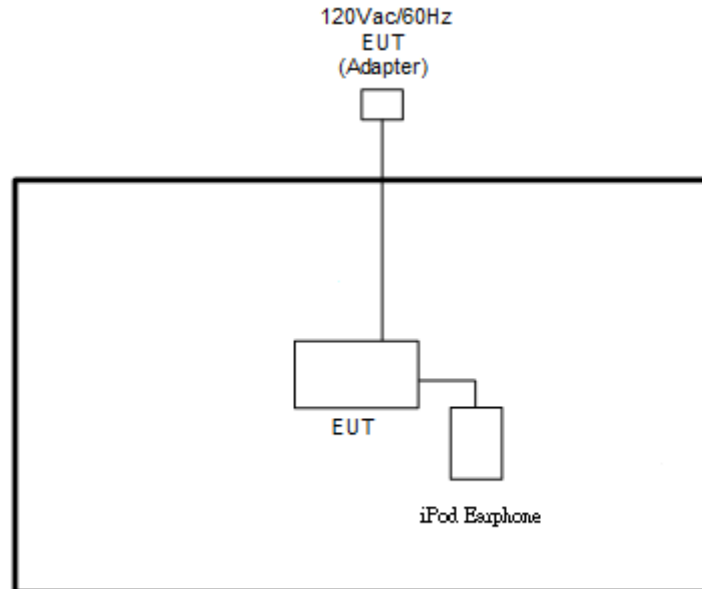
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

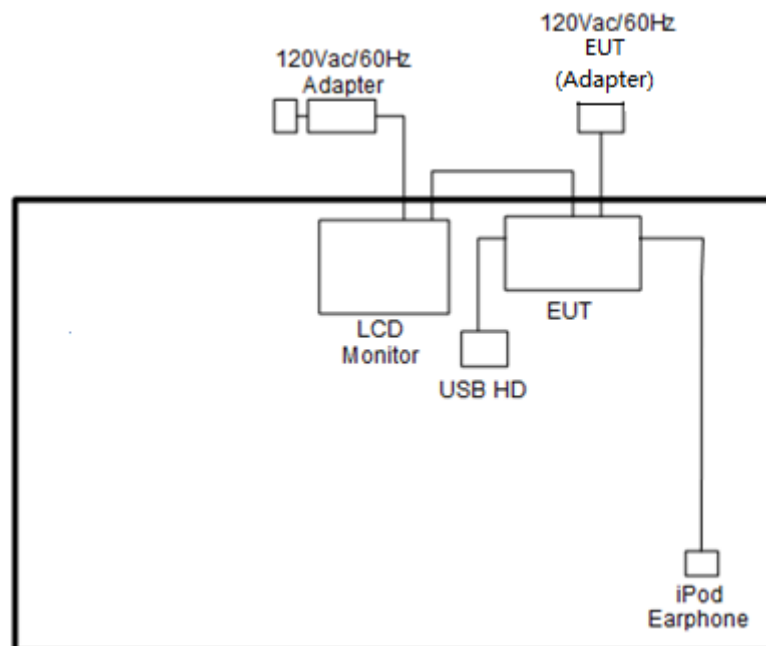
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	-
M	Middle	42	58	106
H	High	-	-	-
Straddle		-	-	138

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
2.	LCD Monitor	DELL	U2410	FCC DoC	Shielded, 1.6 m	Unshielded, 1.8 m
3.	USB HD	PQI	H568V	FCC DoC	Unshielded, 0.5 m	N/A
4.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The programmed RF utility, "DRTU Tool", is installed in EUT to provide channel selection, power level, data rate and the application type. RF Utility can send transmitting signal for all testing. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

3 Test Result

3.1 Unwanted Emissions Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part15.205.

3.1.1 Limit of Unwanted Emissions

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

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

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

- (2) Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table,

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

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

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

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

- (3) KDB789033 D02 v01r03 G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

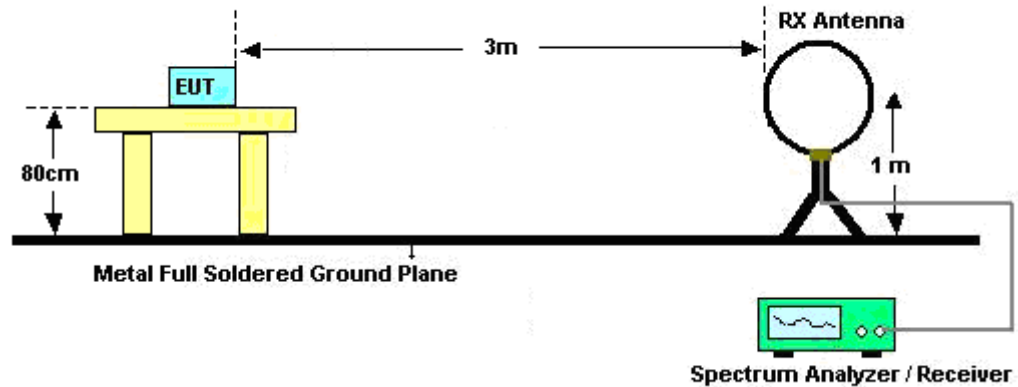
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW ≥ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.



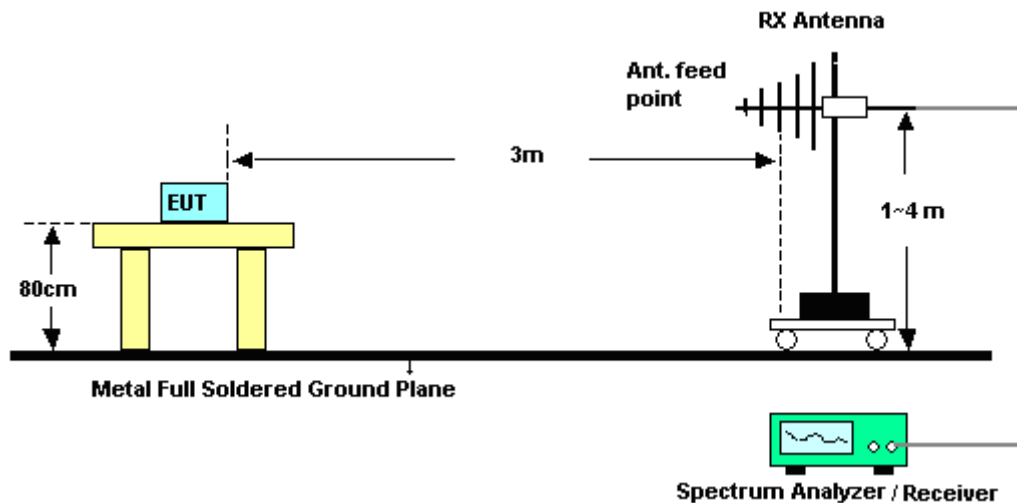
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.1.4 Test Setup

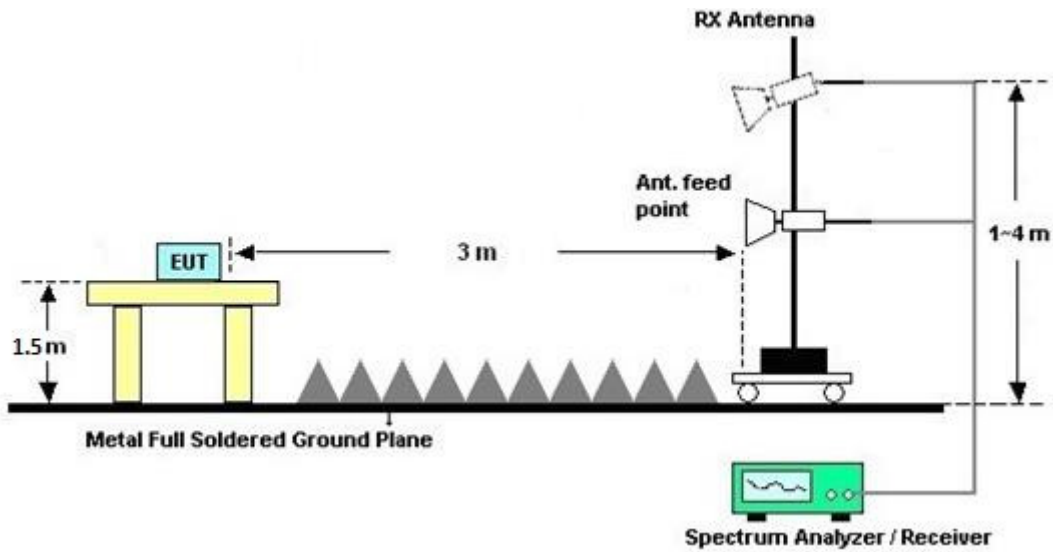
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.1.5 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 per 15.31(o) was not reported.

3.1.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A and B.

3.1.7 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix A and B.

3.2 AC Conducted Emission Measurement

3.2.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

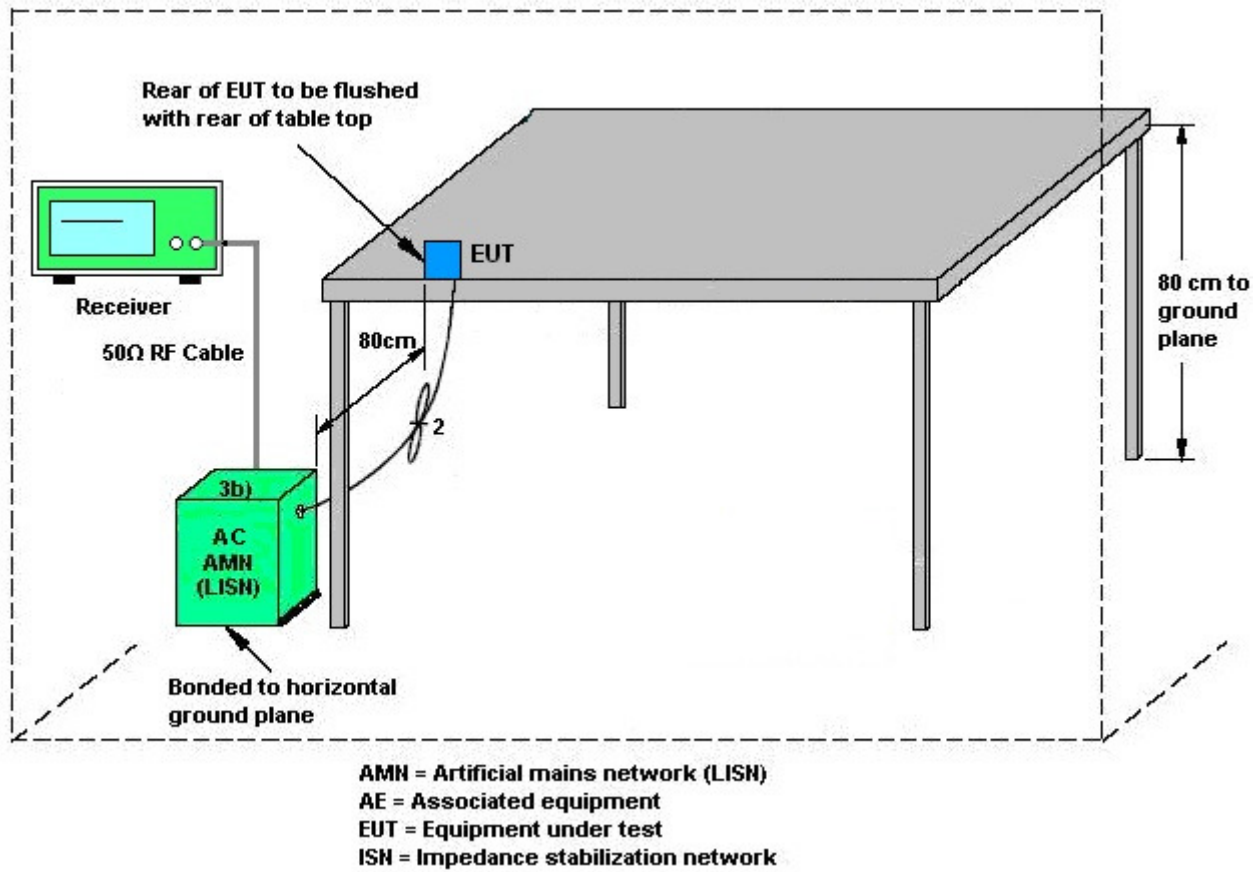
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

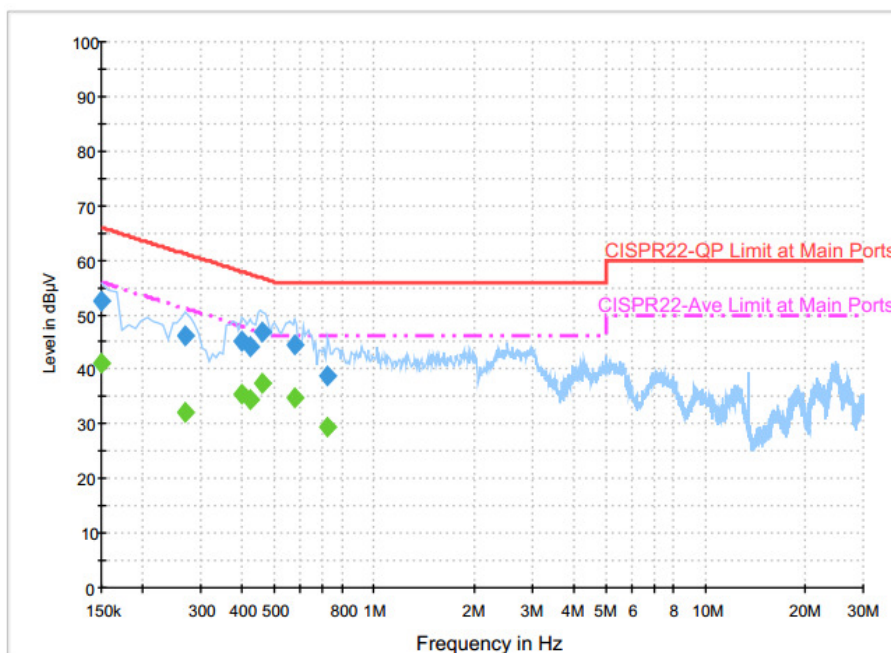
1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
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.

3.2.4 Test Setup



3.2.5 Test Result of AC Conducted Emission

Test Mode :	Mode 1	Temperature :	20~25°C
Test Engineer :	James Chiu	Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Function Type :	WLAN (5GHz) Tx + TF + TC		



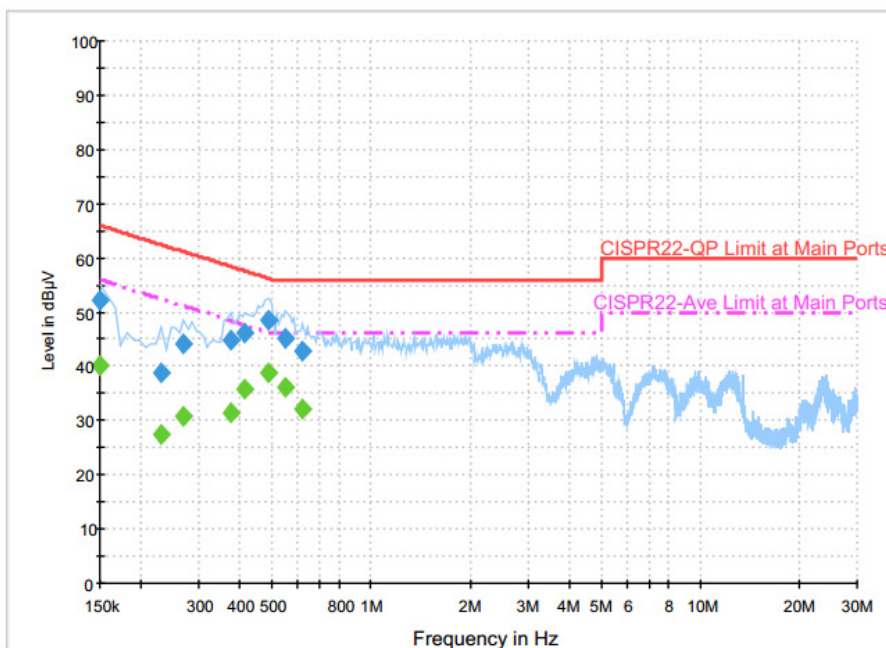
Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	52.7	Off	L1	19.6	13.3	66.0
0.270000	46.3	Off	L1	19.6	14.8	61.1
0.398000	45.2	Off	L1	19.6	12.7	57.9
0.422000	44.1	Off	L1	19.6	13.3	57.4
0.462000	46.9	Off	L1	19.6	9.8	56.7
0.574000	44.5	Off	L1	19.6	11.5	56.0
0.726000	38.9	Off	L1	19.6	17.1	56.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	41.1	Off	L1	19.6	14.9	56.0
0.270000	32.1	Off	L1	19.6	19.0	51.1
0.398000	35.4	Off	L1	19.6	12.5	47.9
0.422000	34.5	Off	L1	19.6	12.9	47.4
0.462000	37.4	Off	L1	19.6	9.3	46.7
0.574000	34.6	Off	L1	19.6	11.4	46.0
0.726000	29.5	Off	L1	19.6	16.5	46.0

Test Mode :	Mode 1	Temperature :	20~25°C
Test Engineer :	James Chiu	Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	WLAN (5GHz) Tx + TF + TC		


Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	52.1	Off	N	19.6	13.9	66.0
0.230000	38.7	Off	N	19.6	23.7	62.4
0.270000	44.1	Off	N	19.6	17.0	61.1
0.374000	44.8	Off	N	19.6	13.6	58.4
0.414000	46.1	Off	N	19.6	11.5	57.6
0.486000	48.6	Off	N	19.6	7.6	56.2
0.550000	45.3	Off	N	19.6	10.7	56.0
0.622000	42.9	Off	N	19.6	13.1	56.0

Final Result : Average

Frequency (MHz)	Average (dBμV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.150000	40.3	Off	N	19.6	15.7	56.0
0.230000	27.6	Off	N	19.6	24.8	52.4
0.270000	30.7	Off	N	19.6	20.4	51.1
0.374000	31.5	Off	N	19.6	16.9	48.4
0.414000	35.6	Off	N	19.6	12.0	47.6
0.486000	38.8	Off	N	19.6	7.4	46.2
0.550000	36.2	Off	N	19.6	9.8	46.0
0.622000	32.0	Off	N	19.6	14.0	46.0



3.3 Automatically Discontinue Transmission

3.3.1 Limit of Automatically Discontinue Transmission

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

3.3.2 Measuring Instruments

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

3.3.3 Test Result of Automatically Discontinue Transmission

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

3.4 Antenna Requirements

3.4.1 Standard Applicable

According to FCC 47 CFR Section 15.407(a)(1)(2) ,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 spectral density (PSD) measurements on all devices,

Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.

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).

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

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

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

			DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	Ant 1 (dBi)	Ant 2 (dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	1.82	2.98	2.98	5.43	0.00	0.00
Band II	2.31	3.13	3.13	5.74	0.00	0.00
Band III	1.71	2.32	2.32	5.03	0.00	0.00

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	35419&03	30MHz to 1GHz	Jan. 13, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Jan. 12, 2017	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 19, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Aug. 18, 2017	Radiation (03CH07-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20Hz ~ 8.4GHz	Oct. 26, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Oct. 25, 2017	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Sep. 02, 2015	Nov. 05, 2016 ~ Nov. 16, 2016	Sep. 01, 2017	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz ~ 18GHz	Apr. 15, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Apr. 14, 2017	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1GHz	Mar. 18, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Mar. 17, 2017	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Oct. 12, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Oct. 11, 2017	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Feb. 27, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Feb. 26, 2017	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Nov. 05, 2016 ~ Nov. 16, 2016	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Nov. 05, 2016 ~ Nov. 16, 2016	N/A	Radiation (03CH07-HY)
Loop Cable	Rohde & Schwarz	N/A	N/A	9KHz~30MHz	Dec. 03, 2015	Nov. 05, 2016 ~ Nov. 16, 2016	Dec. 02, 2016	Radiation (03CH07-HY)
Preamplifier	MITEQ	JS44-1800400 0-33-8P	1840917	18GHz ~ 40GHz	Jun. 14, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Jun. 13, 2017	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917025 1	18GHz- 40GHz	Oct. 07, 2016	Nov. 05, 2016 ~ Nov. 16, 2016	Oct. 06, 2017	Radiation (03CH07-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Jul. 17, 2016	Sep. 19, 2016 ~ Nov. 21, 2016	Jul. 16, 2017	Radiation (03CH07-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 07, 2016	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Nov. 07, 2016	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 02, 2015	Nov. 07, 2016	Dec. 01, 2016	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 14, 2015	Nov. 07, 2016	Dec. 13, 2016	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.7
---	-----

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7
---	-----

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5
---	-----

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
---	-----



Appendix A. Radiated Spurious Emission

Test Engineer :	Ken Wu, Jesse Wang, and James Chiu	Temperature :	21~24°C
		Relative Humidity :	50~54%

Band 1 - 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5149.5	57.45	-16.55	74	47.63	33.69	11.21	35.08	217	48	P	H
		5147.68	50.13	-3.87	54	40.31	33.69	11.21	35.08	217	48	A	H
	*	5190	101.96	-	-	92.01	33.78	11.25	35.08	217	48	P	H
	*	5190	93.55	-	-	83.6	33.78	11.25	35.08	217	48	A	H
		5441.52	49.59	-24.41	74	38.36	34.43	11.89	35.09	217	48	P	H
		5358	41.8	-12.2	54	30.91	34.21	11.76	35.08	217	48	A	H
		5149.24	54.93	-19.07	74	45.11	33.69	11.21	35.08	200	73	P	V
		5149.76	49.28	-4.72	54	39.46	33.69	11.21	35.08	200	73	A	V
	*	5190	100.5	-	-	90.55	33.78	11.25	35.08	200	73	P	V
	*	5190	92.17	-	-	82.22	33.78	11.25	35.08	200	73	A	V
		5352.24	49.44	-24.56	74	38.55	34.21	11.76	35.08	200	73	P	V
		5456.64	41.22	-12.78	54	29.95	34.47	11.89	35.09	200	73	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		10380	45.36	-28.64	74	48.27	39.11	17.17	59.19	100	0	P	H
		15570	46.7	-27.3	74	43.09	41.14	19.63	57.16	100	0	P	H
													H
													H
		10380	45.02	-28.98	74	47.93	39.11	17.17	59.19	100	0	P	V
		15570	46.25	-27.75	74	42.64	41.14	19.63	57.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		30	28.15	-11.85	40	32.43	26	1.07	31.35	100	0	P	H
		48.36	24.04	-15.96	40	38.63	15.93	1.07	31.59	-	-	P	H
		209.28	26.79	-16.71	43.5	40.11	16.27	1.87	31.46	-	-	P	H
		454.7	26	-20	46	30.99	23.21	2.89	31.09	-	-	P	H
		668.9	29.1	-16.9	46	30.11	26.09	3.65	30.75	-	-	P	H
		952.4	33.35	-12.65	46	29.6	30.21	4.07	30.53	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.94	33.61	-6.39	40	41.25	22.72	1.07	31.43	-	-	P	V
		38.91	34.45	-5.55	40	43.86	20.98	1.07	31.46	100	116	P	V
		62.13	26.2	-13.8	40	44.36	12.14	1.28	31.58	-	-	P	V
		475	26.36	-19.64	46	30.73	23.65	3.04	31.06	-	-	P	V
		808.9	30.99	-15.01	46	29.8	27.88	3.9	30.59	-	-	P	V
		918.8	33.13	-12.87	46	30.1	29.45	4.12	30.54	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

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

1. 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”.



Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				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 36 5180MHz		5148.72	55.25	-18.75	74	45.43	33.69	11.21	35.08	106	291	P	H
		5150	46.83	-7.17	54	37.01	33.69	11.21	35.08	106	291	A	H
	*	5180	107.51	-	-	97.6	33.78	11.21	35.08	106	291	P	H
	*	5180	99.01	-	-	89.1	33.78	11.21	35.08	106	291	A	H
													H
													H
		5137.8	55.3	-18.7	74	45.55	33.65	11.18	35.08	268	270	P	V
		5150	47.61	-6.39	54	37.79	33.69	11.21	35.08	268	270	A	V
	*	5180	108.41	-	-	98.5	33.78	11.21	35.08	268	270	P	V
	*	5180	100.11	-	-	90.2	33.78	11.21	35.08	268	270	A	V
													V
													V
802.11a CH 44 5220MHz		5058.5	53.02	-20.98	74	43.51	33.47	11.11	35.07	100	293	P	H
		5136.76	43.69	-10.31	54	33.94	33.65	11.18	35.08	100	293	A	H
	*	5220	108.23	-	-	98.2	33.86	11.25	35.08	100	293	P	H
	*	5220	100.03	-	-	90	33.86	11.25	35.08	100	293	A	H
		5426.16	49.99	-24.01	74	38.81	34.38	11.89	35.09	100	293	P	H
		5379.6	41.74	-12.26	54	30.77	34.3	11.76	35.09	100	293	A	H
		5144.3	52.64	-21.36	74	42.82	33.69	11.21	35.08	264	269	P	V
		5143.52	43.63	-10.37	54	33.81	33.69	11.21	35.08	264	269	A	V
	*	5220	108.53	-	-	98.5	33.86	11.25	35.08	264	269	P	V
	*	5220	100.13	-	-	90.1	33.86	11.25	35.08	264	269	A	V
		5374.32	49.23	-24.77	74	38.31	34.25	11.76	35.09	264	269	P	V
		5455.68	41.18	-12.82	54	29.91	34.47	11.89	35.09	264	269	A	V



WIFI Ant. 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 48 5240MHz		5149.5	52.38	-21.62	74	42.56	33.69	11.21	35.08	100	292	P	H
		5081.12	43.2	-10.8	54	33.61	33.52	11.14	35.07	100	292	A	H
	*	5240	108.71	-	-	98.5	33.91	11.38	35.08	100	292	P	H
	*	5240	100.41	-	-	90.2	33.91	11.38	35.08	100	292	A	H
		5451.36	50.57	-23.43	74	39.3	34.47	11.89	35.09	100	292	P	H
		5350.32	41.61	-12.39	54	30.72	34.21	11.76	35.08	100	292	A	H
		5123.5	52.06	-21.94	74	42.31	33.65	11.18	35.08	269	269	P	V
		5147.68	43.26	-10.74	54	33.44	33.69	11.21	35.08	269	269	A	V
	*	5240	108.11	-	-	97.9	33.91	11.38	35.08	269	269	P	V
	*	5240	99.81	-	-	89.6	33.91	11.38	35.08	269	269	A	V
		5441.52	48.47	-25.53	74	37.24	34.43	11.89	35.09	269	269	P	V
		5401.2	40.88	-13.12	54	29.74	34.34	11.89	35.09	269	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 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	43.46	-30.54	74	46.41	39.09	17.17	59.21	100	0	P	H
		15540	46.3	-27.7	74	42.8	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	44.15	-29.85	74	47.1	39.09	17.17	59.21	100	0	P	V
		15540	45.82	-28.18	74	42.32	41.07	19.61	57.18	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	43.76	-30.24	74	46.59	39.15	17.17	59.15	100	0	P	H
		15660	45.59	-28.41	74	41.71	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	44.95	-29.05	74	47.78	39.15	17.17	59.15	100	0	P	V
		15660	45.53	-28.47	74	41.65	41.31	19.68	57.11	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	43.56	-30.44	74	46.31	39.19	17.17	59.11	100	0	P	H
		15720	47.48	-26.52	74	43.37	41.45	19.73	57.07	100	0	P	H
													H
													H
		10480	45.29	-28.71	74	48.04	39.19	17.17	59.11	100	0	P	V
		15720	47.08	-26.92	74	42.97	41.45	19.73	57.07	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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 36 5180MHz		5147.94	56.01	-17.99	74	46.19	33.69	11.21	35.08	102	291	P	H
		5150	48.79	-5.21	54	38.97	33.69	11.21	35.08	102	291	A	H
	*	5180	107.66	-	-	97.75	33.78	11.21	35.08	102	291	P	H
	*	5180	100.21	-	-	90.3	33.78	11.21	35.08	102	291	A	H
													H
													H
		5149.5	54.14	-19.86	74	44.32	33.69	11.21	35.08	252	271	P	V
		5150	48.7	-5.3	54	38.88	33.69	11.21	35.08	252	271	A	V
	*	5180	107.56	-	-	97.65	33.78	11.21	35.08	252	271	P	V
	*	5180	100.2	-	-	90.29	33.78	11.21	35.08	252	271	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5139.62	52.48	-21.52	74	42.69	33.69	11.18	35.08	102	291	P	H
		5143	44.11	-9.89	54	34.29	33.69	11.21	35.08	102	291	A	H
	*	5220	107.74	-	-	97.71	33.86	11.25	35.08	102	291	P	H
	*	5220	100.33	-	-	90.3	33.86	11.25	35.08	102	291	A	H
		5382.24	49.3	-24.7	74	38.2	34.3	11.89	35.09	102	291	P	H
		5378.16	41.82	-12.18	54	30.85	34.3	11.76	35.09	102	291	A	H
		5111.8	51.81	-22.19	74	42.1	33.6	11.18	35.07	252	268	P	V
		5137.54	43.26	-10.74	54	33.51	33.65	11.18	35.08	252	268	A	V
	*	5220	107.11	-	-	97.08	33.86	11.25	35.08	252	268	P	V
	*	5220	99.7	-	-	89.67	33.86	11.25	35.08	252	268	A	V
		5407.92	49.18	-24.82	74	38.04	34.34	11.89	35.09	252	268	P	V
		5381.76	40.92	-13.08	54	29.82	34.3	11.89	35.09	252	268	A	V



WIFI Ant. 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 48 5240MHz		5081.9	52.15	-21.85	74	42.56	33.52	11.14	35.07	100	291	P	H
		5078.78	43.54	-10.46	54	33.95	33.52	11.14	35.07	100	291	A	H
	*	5240	108.28	-	-	98.07	33.91	11.38	35.08	100	291	P	H
	*	5240	100.85	-	-	90.64	33.91	11.38	35.08	100	291	A	H
		5453.52	50.07	-23.93	74	38.8	34.47	11.89	35.09	100	291	P	H
		5354.4	41.91	-12.09	54	31.02	34.21	11.76	35.08	100	291	A	H
		5077.74	50.9	-23.1	74	41.31	33.52	11.14	35.07	262	268	P	V
		5139.62	42.75	-11.25	54	32.96	33.69	11.18	35.08	262	268	A	V
	*	5240	107.29	-	-	97.08	33.91	11.38	35.08	262	268	P	V
	*	5240	99.77	-	-	89.56	33.91	11.38	35.08	262	268	A	V
		5393.04	49.52	-24.48	74	38.42	34.3	11.89	35.09	262	268	P	V
		5398.8	41.17	-12.83	54	30.03	34.34	11.89	35.09	262	268	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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 36 5180MHz		10360	43.65	-30.35	74	46.6	39.09	17.17	59.21	100	0	P	H
		15540	47.99	-26.01	74	44.49	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	43.98	-30.02	74	46.93	39.09	17.17	59.21	100	0	P	V
		15540	46.19	-27.81	74	42.69	41.07	19.61	57.18	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.6	-29.4	74	47.43	39.15	17.17	59.15	100	0	P	H
		15660	45.86	-28.14	74	41.98	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	43.96	-30.04	74	46.79	39.15	17.17	59.15	100	0	P	V
		15660	45.82	-28.18	74	41.94	41.31	19.68	57.11	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	44.45	-29.55	74	47.2	39.19	17.17	59.11	100	0	P	H
		15720	46.86	-27.14	74	42.75	41.45	19.73	57.07	100	0	P	H
													H
													H
		10480	44.8	-29.2	74	47.55	39.19	17.17	59.11	100	0	P	V
		15720	46.67	-27.33	74	42.56	41.45	19.73	57.07	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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		5150	58.07	-15.93	74	48.25	33.69	11.21	35.08	100	290	P	H
		5150	53.44	-0.56	54	43.62	33.69	11.21	35.08	100	290	A	H
	*	5190	105.52	-	-	95.57	33.78	11.25	35.08	100	290	P	H
	*	5190	97.46	-	-	87.51	33.78	11.25	35.08	100	290	A	H
		5415.6	50	-24	74	38.82	34.38	11.89	35.09	100	290	P	H
		5359.68	42.03	-11.97	54	31.14	34.21	11.76	35.08	100	290	A	H
		5148.46	58.5	-15.5	74	48.68	33.69	11.21	35.08	281	271	P	V
		5150	52.89	-1.11	54	43.07	33.69	11.21	35.08	281	271	A	V
	*	5190	104.23	-	-	94.28	33.78	11.25	35.08	281	271	P	V
	*	5190	95.98	-	-	86.03	33.78	11.25	35.08	281	271	A	V
		5354.16	49.8	-24.2	74	38.91	34.21	11.76	35.08	281	271	P	V
		5454.48	41.56	-12.44	54	30.29	34.47	11.89	35.09	281	271	A	V
802.11n HT40 CH 46 5230MHz		5127.66	53.59	-20.41	74	43.84	33.65	11.18	35.08	100	290	P	H
		5148.72	45.32	-8.68	54	35.5	33.69	11.21	35.08	100	290	A	H
	*	5230	105.74	-	-	95.53	33.91	11.38	35.08	100	290	P	H
	*	5230	97.43	-	-	87.22	33.91	11.38	35.08	100	290	A	H
		5377.68	51.12	-22.88	74	40.15	34.3	11.76	35.09	100	290	P	H
		5350.8	42.79	-11.21	54	31.9	34.21	11.76	35.08	100	290	A	H
		5080.6	51.61	-22.39	74	42.02	33.52	11.14	35.07	278	269	P	V
		5150	43.76	-10.24	54	33.94	33.69	11.21	35.08	278	269	A	V
	*	5230	104.4	-	-	94.19	33.91	11.38	35.08	278	269	P	V
	*	5230	96.25	-	-	86.04	33.91	11.38	35.08	278	269	A	V
		5393.28	49.22	-24.78	74	38.12	34.3	11.89	35.09	278	269	P	V
		5399.28	42.02	-11.98	54	30.88	34.34	11.89	35.09	278	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 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		10380	44.13	-29.87	74	47.04	39.11	17.17	59.19	100	0	P	H
		15570	46.89	-27.11	74	43.28	41.14	19.63	57.16	100	0	P	H
													H
													H
		10380	44.55	-29.45	74	47.46	39.11	17.17	59.19	100	0	P	V
		15570	47.17	-26.83	74	43.56	41.14	19.63	57.16	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.84	-29.16	74	47.65	39.16	17.17	59.14	100	0	P	H
		15690	46.21	-27.79	74	42.22	41.38	19.7	57.09	100	0	P	H
													H
													H
		10460	45.55	-28.45	74	48.36	39.16	17.17	59.14	100	0	P	V
		15690	46.55	-27.45	74	42.56	41.38	19.7	57.09	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 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		5147.16	60.32	-13.68	74	50.5	33.69	11.21	35.08	100	291	P	H
		5143.78	52.7	-1.3	54	42.88	33.69	11.21	35.08	100	291	A	H
	*	5210	102.13	-	-	92.1	33.86	11.25	35.08	100	291	P	H
	*	5210	93.49	-	-	83.46	33.86	11.25	35.08	100	291	A	H
		5383.2	51.08	-22.92	74	39.98	34.3	11.89	35.09	100	291	P	H
		5425.68	42.34	-11.66	54	31.16	34.38	11.89	35.09	100	291	A	H
		5148.2	57.09	-16.91	74	47.27	33.69	11.21	35.08	280	269	P	V
		5144.56	50.18	-3.82	54	40.36	33.69	11.21	35.08	280	269	A	V
	*	5210	100.39	-	-	90.36	33.86	11.25	35.08	280	269	P	V
	*	5210	91.79	-	-	81.76	33.86	11.25	35.08	280	269	A	V
		5439.84	49.39	-24.61	74	38.16	34.43	11.89	35.09	280	269	P	V
		5441.52	41.78	-12.22	54	30.55	34.43	11.89	35.09	280	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 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	44.83	-29.17	74	47.7	39.13	17.17	59.17	100	0	P	H
		15630	45.72	-28.28	74	41.88	41.28	19.68	57.12	100	0	P	H
													H
													H
		10420	46.18	-27.82	74	49.05	39.13	17.17	59.17	100	0	P	V
		15630	45.6	-28.4	74	41.76	41.28	19.68	57.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				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		5134.68	51.06	-22.94	74	41.31	33.65	11.18	35.08	105	290	P	H
		5098.28	43.69	-10.31	54	34.06	33.56	11.14	35.07	105	290	A	H
	*	5260	108.69	-	-	98.4	33.99	11.38	35.08	105	290	P	H
	*	5260	100.49	-	-	90.2	33.99	11.38	35.08	105	290	A	H
		5354.4	50.1	-23.9	74	39.21	34.21	11.76	35.08	105	290	P	H
		5357.04	41.96	-12.04	54	31.07	34.21	11.76	35.08	105	290	A	H
		5101.66	52.44	-21.56	74	42.77	33.56	11.18	35.07	263	271	P	V
		5102.96	43.78	-10.22	54	34.11	33.56	11.18	35.07	263	271	A	V
	*	5260	108.09	-	-	97.8	33.99	11.38	35.08	263	271	P	V
	*	5260	100.19	-	-	89.9	33.99	11.38	35.08	263	271	A	V
		5370.96	49.26	-24.74	74	38.33	34.25	11.76	35.08	263	271	P	V
		5356.56	41.12	-12.88	54	30.23	34.21	11.76	35.08	263	271	A	V
802.11a CH 60 5300MHz		5063.44	51.6	-22.4	74	42.06	33.47	11.14	35.07	102	293	P	H
		5142.48	43.17	-10.83	54	33.35	33.69	11.21	35.08	102	293	A	H
	*	5300	107.9	-	-	97.39	34.08	11.51	35.08	102	293	P	H
	*	5300	100.1	-	-	89.59	34.08	11.51	35.08	102	293	A	H
		5363.76	51.28	-22.72	74	40.35	34.25	11.76	35.08	102	293	P	H
		5350.08	43.56	-10.44	54	32.67	34.21	11.76	35.08	102	293	A	H
		5141.96	51.04	-22.96	74	41.22	33.69	11.21	35.08	289	269	P	V
		5139.1	42.97	-11.03	54	33.22	33.65	11.18	35.08	289	269	A	V
	*	5300	106.82	-	-	96.31	34.08	11.51	35.08	289	269	P	V
	*	5300	98.64	-	-	88.13	34.08	11.51	35.08	289	269	A	V
		5358.24	49.97	-24.03	74	39.08	34.21	11.76	35.08	289	269	P	V
		5351.52	42.04	-11.96	54	31.15	34.21	11.76	35.08	289	269	A	V



WIFI Ant. 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 64 5320MHz	*	5320	107.17	-	-	96.5	34.12	11.63	35.08	100	293	P	H
	*	5320	99.27	-	-	88.6	34.12	11.63	35.08	100	293	A	H
		5353.12	52.21	-21.79	74	41.32	34.21	11.76	35.08	100	293	P	H
		5350.24	45.95	-8.05	54	35.06	34.21	11.76	35.08	100	293	A	H
													H
													H
	*	5320	105.7	-	-	95.03	34.12	11.63	35.08	289	269	P	V
	*	5320	97.91	-	-	87.24	34.12	11.63	35.08	289	269	A	V
		5350.4	52.04	-21.96	74	41.15	34.21	11.76	35.08	289	269	P	V
		5350.4	43.61	-10.39	54	32.72	34.21	11.76	35.08	289	269	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 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	43.8	-30.2	74	46.53	39.18	17.17	59.08	100	0	P	H
		15780	46.31	-27.69	74	42.04	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	44.35	-29.65	74	47.08	39.18	17.17	59.08	100	0	P	V
		15780	46.54	-27.46	74	42.27	41.55	19.75	57.03	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	43.66	-30.34	74	46.39	39.06	17.17	58.96	100	0	P	H
		15900	45.49	-28.51	74	40.84	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	44.57	-29.43	74	47.3	39.06	17.17	58.96	100	0	P	V
		15900	46.68	-27.32	74	42.03	41.79	19.82	56.96	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	43.56	-30.44	74	560.76	-500	17.17	34.37	100	0	P	H
		15960	46.37	-27.63	74	41.49	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	44.18	-29.82	74	46.91	39.01	17.17	58.91	100	0	P	V
		15960	46.37	-27.63	74	41.49	41.93	19.87	56.92	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 Ant. 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		5138.84	52.09	-21.91	74	42.34	33.65	11.18	35.08	105	291	P	H
		5104.26	44.13	-9.87	54	34.46	33.56	11.18	35.07	105	291	A	H
	*	5260	108.33	-	-	98.04	33.99	11.38	35.08	105	291	P	H
	*	5260	100.96	-	-	90.67	33.99	11.38	35.08	105	291	A	H
		5352.48	50.32	-23.68	74	39.43	34.21	11.76	35.08	105	291	P	H
		5363.28	42.28	-11.72	54	31.35	34.25	11.76	35.08	105	291	A	H
		5016.38	50.93	-23.07	74	41.59	33.34	11.07	35.07	251	266	P	V
		5102.7	43	-11	54	33.33	33.56	11.18	35.07	251	266	A	V
	*	5260	107.02	-	-	96.73	33.99	11.38	35.08	251	266	P	V
	*	5260	99.67	-	-	89.38	33.99	11.38	35.08	251	266	A	V
		5458.8	49.99	-24.01	74	38.72	34.47	11.89	35.09	251	266	P	V
		5350.56	41.77	-12.23	54	30.88	34.21	11.76	35.08	251	266	A	V
802.11n HT20 CH 60 5300MHz		5065	51.95	-22.05	74	42.41	33.47	11.14	35.07	102	291	P	H
		5063.96	43.75	-10.25	54	34.21	33.47	11.14	35.07	102	291	A	H
	*	5300	106.5	-	-	95.99	34.08	11.51	35.08	102	291	P	H
	*	5300	99.85	-	-	89.34	34.08	11.51	35.08	102	291	A	H
		5358.48	53.07	-20.93	74	42.18	34.21	11.76	35.08	102	291	P	H
		5361.12	43.89	-10.11	54	32.96	34.25	11.76	35.08	102	291	A	H
		5056.42	49.94	-24.06	74	40.43	33.47	11.11	35.07	235	266	P	V
		5136.76	42.5	-11.5	54	32.75	33.65	11.18	35.08	235	266	A	V
	*	5300	106.36	-	-	95.85	34.08	11.51	35.08	235	266	P	V
	*	5300	98.81	-	-	88.3	34.08	11.51	35.08	235	266	A	V
		5361.12	50.98	-23.02	74	40.05	34.25	11.76	35.08	235	266	P	V
		5352.96	42.63	-11.37	54	31.74	34.21	11.76	35.08	235	266	A	V



WIFI Ant. 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 64 5320MHz	*	5320	106.81	-	-	96.14	34.12	11.63	35.08	100	290	P	H
	*	5320	99.6	-	-	88.93	34.12	11.63	35.08	100	290	A	H
		5353.76	55.59	-18.41	74	44.7	34.21	11.76	35.08	100	290	P	H
		5350.4	46.81	-7.19	54	35.92	34.21	11.76	35.08	100	290	A	H
													H
													H
	*	5320	105.95	-	-	95.28	34.12	11.63	35.08	243	265	P	V
	*	5320	98.74	-	-	88.07	34.12	11.63	35.08	243	265	A	V
		5350.72	53.24	-20.76	74	42.35	34.21	11.76	35.08	243	265	P	V
		5350.08	46.22	-7.78	54	35.33	34.21	11.76	35.08	243	265	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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		10520	43.72	-30.28	74	46.45	39.18	17.17	59.08	100	0	P	H
		15780	46.59	-27.41	74	42.32	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	43.59	-30.41	74	46.32	39.18	17.17	59.08	100	0	P	V
		15780	46.05	-27.95	74	41.78	41.55	19.75	57.03	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	44.08	-29.92	74	46.81	39.06	17.17	58.96	100	0	P	H
		15900	46.82	-27.18	74	42.17	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	44.27	-29.73	74	47	39.06	17.17	58.96	100	0	P	V
		15900	45.96	-28.04	74	41.31	41.79	19.82	56.96	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	43.88	-30.12	74	46.61	39.01	17.17	58.91	100	0	P	H
		15960	45.13	-28.87	74	40.25	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	44.22	-29.78	74	46.95	39.01	17.17	58.91	100	0	P	V
		15960	46.2	-27.8	74	41.32	41.93	19.87	56.92	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 HT40 (Band Edge @ 3m)

WIFI Ant. 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		5124.8	50.86	-23.14	74	41.11	33.65	11.18	35.08	100	288	P	H
		5112.58	43.35	-10.65	54	33.64	33.6	11.18	35.07	100	288	A	H
	*	5270	105.61	-	-	95.19	33.99	11.51	35.08	100	288	P	H
	*	5270	97.59	-	-	87.17	33.99	11.51	35.08	100	288	A	H
		5396.4	52.06	-21.94	74	40.92	34.34	11.89	35.09	100	288	P	H
		5351.28	45.33	-8.67	54	34.44	34.21	11.76	35.08	100	288	A	H
		5143	50.82	-23.18	74	41	33.69	11.21	35.08	280	268	P	V
		5120.9	42.82	-11.18	54	33.12	33.6	11.18	35.08	280	268	A	V
	*	5270	103.82	-	-	93.4	33.99	11.51	35.08	280	268	P	V
	*	5270	95.62	-	-	85.2	33.99	11.51	35.08	280	268	A	V
		5352.96	50.39	-23.61	74	39.5	34.21	11.76	35.08	280	268	P	V
		5357.28	43	-11	54	32.11	34.21	11.76	35.08	280	268	A	V
802.11n HT40 CH 62 5310MHz		5148.72	51.46	-22.54	74	41.64	33.69	11.21	35.08	100	293	P	H
		5081.64	43.58	-10.42	54	33.99	33.52	11.14	35.07	100	293	A	H
	*	5310	105.56	-	-	94.89	34.12	11.63	35.08	100	293	P	H
	*	5310	97.25	-	-	86.58	34.12	11.63	35.08	100	293	A	H
		5350.56	58.14	-15.86	74	47.25	34.21	11.76	35.08	100	293	P	H
		5354.64	50.82	-3.18	54	39.93	34.21	11.76	35.08	100	293	A	H
		5063.96	50.33	-23.67	74	40.79	33.47	11.14	35.07	234	266	P	V
		5075.92	42.82	-11.18	54	33.23	33.52	11.14	35.07	234	266	A	V
	*	5310	102.78	-	-	92.11	34.12	11.63	35.08	234	266	P	V
	*	5310	94.49	-	-	83.82	34.12	11.63	35.08	234	266	A	V
		5354.88	54.01	-19.99	74	43.12	34.21	11.76	35.08	234	266	P	V
		5350.8	47.43	-6.57	54	36.54	34.21	11.76	35.08	234	266	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 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		10540	44.49	-29.51	74	47.22	39.15	17.17	59.05	100	0	P	H
		15810	46.57	-27.43	74	42.19	41.62	19.77	57.01	100	0	P	H
													H
													H
		10540	44.9	-29.1	74	47.63	39.15	17.17	59.05	100	0	P	V
		15810	47.08	-26.92	74	42.7	41.62	19.77	57.01	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	45.03	-28.97	74	47.76	39.03	17.17	58.93	100	0	P	H
		15930	46.58	-27.42	74	41.82	41.86	19.84	56.94	100	0	P	H
													H
													H
		10630	43.66	-30.34	74	46.39	39.03	17.17	58.93	100	0	P	V
		15930	46.97	-27.03	74	42.21	41.86	19.84	56.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 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		5073.84	51.37	-22.63	74	41.78	33.52	11.14	35.07	101	293	P	H
		5139.1	42.87	-11.13	54	33.12	33.65	11.18	35.08	101	293	A	H
	*	5290	101.06	-	-	90.59	34.04	11.51	35.08	101	293	P	H
	*	5290	92.36	-	-	81.89	34.04	11.51	35.08	101	293	A	H
		5354.56	57.91	-16.09	74	47.02	34.21	11.76	35.08	101	293	P	H
		5353.44	51.17	-2.83	54	40.28	34.21	11.76	35.08	101	293	A	H
		5081.9	49.38	-24.62	74	39.79	33.52	11.14	35.07	313	186	P	V
		5124.28	42.07	-11.93	54	32.32	33.65	11.18	35.08	313	186	A	V
	*	5290	98.41	-	-	87.94	34.04	11.51	35.08	313	186	P	V
	*	5290	90.33	-	-	79.86	34.04	11.51	35.08	313	186	A	V
		5353.2	50.93	-23.07	74	40.04	34.21	11.76	35.08	313	186	P	V
		5351.52	44.06	-9.94	54	33.17	34.21	11.76	35.08	313	186	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


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

WIFI Ant. 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	44.91	-29.09	74	47.64	39.08	17.17	58.98	100	0	P	H
		15870	47.39	-26.61	74	42.78	41.76	19.82	56.97	100	0	P	H
													H
													H
		10580	43.37	-30.63	74	46.1	39.08	17.17	58.98	100	0	P	V
		15870	47.02	-26.98	74	42.41	41.76	19.82	56.97	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.
Ant.				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		5463.12	50.67	-23.33	74	39.36	34.51	11.89	35.09	100	290	P	H
		5470	44.16	-9.84	54	32.85	34.51	11.89	35.09	100	290	A	H
	*	5500	106.4	-	-	95	34.6	11.89	35.09	100	290	P	H
	*	5500	98.5	-	-	87.1	34.6	11.89	35.09	100	290	A	H
													H
													H
		5464.56	52.14	-21.86	74	40.83	34.51	11.89	35.09	328	273	P	V
		5469.68	42.57	-11.43	54	31.26	34.51	11.89	35.09	328	273	A	V
	*	5500	105.89	-	-	94.49	34.6	11.89	35.09	328	273	P	V
	*	5500	97.7	-	-	86.3	34.6	11.89	35.09	328	273	A	V
													V
													V
802.11a CH 116 5580MHz		5416	49.76	-24.24	74	38.58	34.38	11.89	35.09	100	292	P	H
		5469.28	41.58	-12.42	54	30.27	34.51	11.89	35.09	100	292	A	H
	*	5580	106.98	-	-	95.6	34.6	11.89	35.11	100	292	P	H
	*	5580	98.68	-	-	87.3	34.6	11.89	35.11	100	292	A	H
		5755.375	50.71	-23.29	74	39.15	34.6	12.11	35.15	100	292	P	H
		5759.925	41.68	-12.32	54	30.13	34.6	12.11	35.16	100	292	A	H
		5461.6	49.87	-24.13	74	38.6	34.47	11.89	35.09	295	144	P	V
		5467.6	41.23	-12.77	54	29.92	34.51	11.89	35.09	295	144	A	V
	*	5580	105.98	-	-	94.6	34.6	11.89	35.11	295	144	P	V
	*	5580	97.78	-	-	86.4	34.6	11.89	35.11	295	144	A	V
		5733.15	51.76	-22.24	74	40.25	34.6	12.06	35.15	295	144	P	V
		5759.925	42.46	-11.54	54	30.91	34.6	12.11	35.16	295	144	A	V



WIFI Ant. 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 140 5700MHz	*	5700	108.06	-	-	96.6	34.6	12	35.14	100	338	P	H
	*	5700	99.86	-	-	88.4	34.6	12	35.14	100	338	A	H
		5728.44	57.57	-16.43	74	46.05	34.6	12.06	35.14	100	338	P	H
		5725.24	47.9	-6.1	54	36.38	34.6	12.06	35.14	100	338	A	H
													H
													H
	*	5700	109.46	-	-	98	34.6	12	35.14	286	145	P	V
	*	5700	100.46	-	-	89	34.6	12	35.14	286	145	A	V
		5727.4	57.11	-16.89	74	45.59	34.6	12.06	35.14	286	145	P	V
		5725.16	47.82	-6.18	54	36.3	34.6	12.06	35.14	286	145	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 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	44.34	-29.66	74	47.07	38.5	17.17	58.4	100	0	P	H
		16500	48.42	-25.58	74	41.29	43	20.23	56.1	100	0	P	H
													H
													H
		11000	45.34	-28.66	74	48.07	38.5	17.17	58.4	100	0	P	V
		16500	49.15	-24.85	74	42.02	43	20.23	56.1	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	43	-31	74	45.1	38.77	17.16	58.03	100	0	P	H
		16740	48.21	-25.79	74	40.88	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	45.01	-28.99	74	47.11	38.77	17.16	58.03	100	0	P	V
		16740	48.13	-25.87	74	40.8	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	43.69	-30.31	74	44.91	39.14	17.16	57.52	100	0	P	H
		17100	49.47	-24.53	74	42.02	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	43.07	-30.93	74	44.29	39.14	17.16	57.52	100	0	P	V
		17100	49.15	-24.85	74	41.7	42.64	20.65	55.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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 100 5500MHz		5467.28	52.19	-21.81	74	40.88	34.51	11.89	35.09	100	294	P	H
		5469.52	45.61	-8.39	54	34.3	34.51	11.89	35.09	100	294	A	H
	*	5500	107.47	-	-	96.07	34.6	11.89	35.09	100	294	P	H
	*	5500	99.41	-	-	88.01	34.6	11.89	35.09	100	294	A	H
													H
													H
		5460.08	51.14	-22.86	74	39.87	34.47	11.89	35.09	309	276	P	V
		5469.84	43.79	-10.21	54	32.48	34.51	11.89	35.09	309	276	A	V
	*	5500	106.62	-	-	95.22	34.6	11.89	35.09	309	276	P	V
	*	5500	98.55	-	-	87.15	34.6	11.89	35.09	309	276	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5354.08	50.71	-23.29	74	39.82	34.21	11.76	35.08	100	292	P	H
		5461.12	42.08	-11.92	54	30.81	34.47	11.89	35.09	100	292	A	H
	*	5580	107.93	-	-	96.55	34.6	11.89	35.11	100	292	P	H
	*	5580	99.98	-	-	88.6	34.6	11.89	35.11	100	292	A	H
		5754.15	50.1	-23.9	74	38.54	34.6	12.11	35.15	100	292	P	H
		5748.9	41.84	-12.16	54	30.28	34.6	12.11	35.15	100	292	A	H
		5447.92	49.3	-24.7	74	38.03	34.47	11.89	35.09	304	276	P	V
		5468.56	41.57	-12.43	54	30.26	34.51	11.89	35.09	304	276	A	V
	*	5580	106.58	-	-	95.2	34.6	11.89	35.11	304	276	P	V
	*	5580	98.61	-	-	87.23	34.6	11.89	35.11	304	276	A	V
		5755.2	50.45	-23.55	74	38.89	34.6	12.11	35.15	304	276	P	V
		5742.075	41.7	-12.3	54	30.14	34.6	12.11	35.15	304	276	A	V



WIFI Ant. 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 140 5700MHz	*	5700	108.16	-	-	96.7	34.6	12	35.14	100	338	P	H
	*	5700	100.26	-	-	88.8	34.6	12	35.14	100	338	A	H
		5726.52	57.03	-16.97	74	45.51	34.6	12.06	35.14	100	338	P	H
		5725.32	48.05	-5.95	54	36.53	34.6	12.06	35.14	100	338	A	H
													H
													H
	*	5700	106.64	-	-	95.18	34.6	12	35.14	270	146	P	V
	*	5700	98.78	-	-	87.32	34.6	12	35.14	270	146	A	V
		5727.16	54.79	-19.21	74	43.27	34.6	12.06	35.14	270	146	P	V
		5725.24	46.98	-7.02	54	35.46	34.6	12.06	35.14	270	146	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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 100 5500MHz		11000	45.03	-28.97	74	47.76	38.5	17.17	58.4	100	0	P	H
		16500	48.49	-25.51	74	41.36	43	20.23	56.1	100	0	P	H
													H
													H
		11000	44.31	-29.69	74	47.04	38.5	17.17	58.4	100	0	P	V
		16500	48.27	-25.73	74	41.14	43	20.23	56.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.03	-29.97	74	46.13	38.77	17.16	58.03	100	0	P	H
		16740	48.3	-25.7	74	40.97	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	43.75	-30.25	74	45.85	38.77	17.16	58.03	100	0	P	V
		16740	48.62	-25.38	74	41.29	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	43.38	-30.62	74	44.6	39.14	17.16	57.52	100	0	P	H
		17100	49.23	-24.77	74	41.78	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	43.3	-30.7	74	44.52	39.14	17.16	57.52	100	0	P	V
		17100	48.93	-25.07	74	41.48	42.64	20.65	55.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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		5469.76	55.16	-18.84	74	43.85	34.51	11.89	35.09	104	293	P	H
		5469.76	48.99	-5.01	54	37.68	34.51	11.89	35.09	104	293	A	H
	*	5510	105.14	-	-	93.75	34.6	11.89	35.1	104	293	P	H
	*	5510	96.79	-	-	85.4	34.6	11.89	35.1	104	293	A	H
		5746.45	50.08	-23.92	74	38.52	34.6	12.11	35.15	104	293	P	H
		5760.975	42.33	-11.67	54	30.78	34.6	12.11	35.16	104	293	A	H
		5468.08	55.25	-18.75	74	43.94	34.51	11.89	35.09	275	223	P	V
		5470	50.56	-3.44	54	39.25	34.51	11.89	35.09	275	223	A	V
	*	5510	104.69	-	-	93.3	34.6	11.89	35.1	275	223	P	V
	*	5510	96.63	-	-	85.24	34.6	11.89	35.1	275	223	A	V
		5760.8	49.79	-24.21	74	38.24	34.6	12.11	35.16	275	223	P	V
		5736.3	42.17	-11.83	54	30.66	34.6	12.06	35.15	275	223	A	V
802.11n HT40 CH 110 5550MHz		5456.56	50.49	-23.51	74	39.22	34.47	11.89	35.09	107	340	P	H
		5462.8	43.64	-10.36	54	32.33	34.51	11.89	35.09	107	340	A	H
	*	5550	105.89	-	-	94.5	34.6	11.89	35.1	107	340	P	H
	*	5550	97.69	-	-	86.3	34.6	11.89	35.1	107	340	A	H
		5751.35	50.32	-23.68	74	38.76	34.6	12.11	35.15	107	340	P	H
		5727.2	42.64	-11.36	54	31.12	34.6	12.06	35.14	107	340	A	H
		5427.76	51.48	-22.52	74	40.3	34.38	11.89	35.09	298	223	P	V
		5466.4	43.63	-10.37	54	32.32	34.51	11.89	35.09	298	223	A	V
	*	5550	104.29	-	-	92.9	34.6	11.89	35.1	298	223	P	V
	*	5550	95.79	-	-	84.4	34.6	11.89	35.1	298	223	A	V
		5738.75	49.39	-24.61	74	37.88	34.6	12.06	35.15	298	223	P	V
		5739.625	42.28	-11.72	54	30.77	34.6	12.06	35.15	298	223	A	V



WIFI Ant. 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 134 5670MHz		5356.48	49.74	-24.26	74	38.85	34.21	11.76	35.08	100	339	P	H
		5437.6	42.77	-11.23	54	31.54	34.43	11.89	35.09	100	339	A	H
	*	5670	106.88	-	-	95.41	34.6	12	35.13	100	339	P	H
	*	5670	98.88	-	-	87.41	34.6	12	35.13	100	339	A	H
		5731.225	53.2	-20.8	74	41.69	34.6	12.06	35.15	100	339	P	H
		5725.275	45.11	-8.89	54	33.59	34.6	12.06	35.14	100	339	A	H
		5420.08	50.39	-23.61	74	39.21	34.38	11.89	35.09	288	143	P	V
		5440.48	41.93	-12.07	54	30.7	34.43	11.89	35.09	288	143	A	V
	*	5670	104.27	-	-	92.8	34.6	12	35.13	288	143	P	V
	*	5670	96.27	-	-	84.8	34.6	12	35.13	288	143	A	V
		5754.85	51.48	-22.52	74	39.92	34.6	12.11	35.15	288	143	P	V
		5759.75	43.9	-10.1	54	32.35	34.6	12.11	35.16	288	143	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 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		11020	45.55	-28.45	74	48.21	38.53	17.17	58.36	100	0	P	H
		16530	49.99	-24.01	74	42.83	42.99	20.25	56.08	100	0	P	H
													H
													H
		11020	44.99	-29.01	74	47.65	38.53	17.17	58.36	100	0	P	V
		16530	49.14	-24.86	74	41.98	42.99	20.25	56.08	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.65	-29.35	74	47.01	38.66	17.16	58.18	100	0	P	H
		16650	49.29	-24.71	74	42.02	42.94	20.34	56.01	100	0	P	H
													H
													H
		11100	44.53	-29.47	74	46.89	38.66	17.16	58.18	100	0	P	V
		16650	49.7	-24.3	74	42.43	42.94	20.34	56.01	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	44.77	-29.23	74	46.25	39.03	17.16	57.67	100	0	P	H
		17010	54.65	-19.35	74	47.1	42.77	20.59	55.81	100	352	P	H
		17010	47.34	-6.66	54	39.79	42.77	20.59	55.81	100	352	A	H
													H
		11340	44.27	-29.73	74	45.75	39.03	17.16	57.67	100	0	P	V
		17010	52.15	-21.85	74	44.6	42.77	20.59	55.81	100	22	P	V
		17010	44.47	-9.53	54	36.92	42.77	20.59	55.81	100	22	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 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		5454.16	58.94	-15.06	74	47.67	34.47	11.89	35.09	100	339	P	H
		5468.32	52.13	-1.87	54	40.82	34.51	11.89	35.09	100	339	A	H
	*	5530	102.89	-	-	91.5	34.6	11.89	35.1	100	339	P	H
	*	5530	94.48	-	-	83.09	34.6	11.89	35.1	100	339	A	H
		5725	49.26	-24.74	74	37.74	34.6	12.06	35.14	100	339	P	H
		5733.85	42.38	-11.62	54	30.87	34.6	12.06	35.15	100	339	A	H
		5468.8	58.1	-15.9	74	46.79	34.51	11.89	35.09	302	222	P	V
		5468.8	51.79	-2.21	54	40.48	34.51	11.89	35.09	302	222	A	V
	*	5530	101.89	-	-	90.5	34.6	11.89	35.1	302	222	P	V
	*	5530	93.49	-	-	82.1	34.6	11.89	35.1	302	222	A	V
		5734.9	50.03	-23.97	74	38.52	34.6	12.06	35.15	302	222	P	V
		5764.475	42.21	-11.79	54	30.66	34.6	12.11	35.16	302	222	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 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		11060	44.25	-29.75	74	46.73	38.61	17.16	58.25	100	0	P	H
		16590	48.37	-25.63	74	41.14	42.97	20.31	56.05	100	0	P	H
													H
													H
		11060	44.19	-29.81	74	46.67	38.61	17.16	58.25	100	0	P	V
		16590	48.84	-25.16	74	41.61	42.97	20.31	56.05	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 Ant. 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	*	5720	107.71	-	-	96.19	34.6	12.06	35.14	100	339	P	H
	*	5720	99.81	-	-	88.29	34.6	12.06	35.14	100	339	A	H
													H
													H
													H
													H
	*	5720	108.41	-	-	96.89	34.6	12.06	35.14	284	148	P	V
	*	5720	100.51	-	-	88.99	34.6	12.06	35.14	284	148	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 Ant. 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	43.56	-30.44	74	44.66	39.19	17.16	57.45	100	0	P	H
		17160	49.26	-24.74	74	41.9	42.53	20.7	55.87	100	0	P	H
													H
													H
		11440	43.07	-30.93	74	44.17	39.19	17.16	57.45	100	0	P	V
		17160	48.79	-25.21	74	41.43	42.53	20.7	55.87	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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	108.19	-	-	96.67	34.6	12.06	35.14	100	339	P	H
	*	5720	100.21	-	-	88.69	34.6	12.06	35.14	100	339	A	H
													H
													H
													H
													H
	*	5720	107.51	-	-	95.99	34.6	12.06	35.14	269	149	P	V
	*	5720	99.61	-	-	88.09	34.6	12.06	35.14	269	149	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 Ant. 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		11440	43.79	-30.21	74	44.89	39.19	17.16	57.45	100	0	P	H
		17160	49.09	-24.91	74	41.73	42.53	20.7	55.87	100	0	P	H
													H
													H
		11440	43.37	-30.63	74	44.47	39.19	17.16	57.45	100	0	P	V
		17160	49.03	-24.97	74	41.67	42.53	20.7	55.87	100	0	P	V
													V
													V
Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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	106.06	-	-	94.54	34.6	12.06	35.14	100	339	P	H
	*	5710	97.56	-	-	86.04	34.6	12.06	35.14	100	339	A	H
													H
													H
													H
													H
	*	5710	104.61	-	-	93.09	34.6	12.06	35.14	258	147	P	V
	*	5710	96.61	-	-	85.09	34.6	12.06	35.14	258	147	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 Ant. 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	44.3	-29.7	74	45.45	39.17	17.16	57.48	100	0	P	H
		17130	53.97	-20.03	74	46.56	42.59	20.67	55.85	100	352	P	H
		17130	45.88	-8.12	54	38.47	42.59	20.67	55.85	100	352	A	H
													H
		11420	44.47	-29.53	74	45.62	39.17	17.16	57.48	100	0	P	V
		17130	50.89	-23.11	74	43.48	42.59	20.67	55.85	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 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	*	5690	103.63	-	-	92.17	34.6	12	35.14	100	340	P	H
	*	5690	95.26	-	-	83.8	34.6	12	35.14	100	340	A	H
													H
													H
													H
													H
	*	5690	100.52	-	-	89.06	34.6	12	35.14	293	280	P	V
	*	5690	92.16	-	-	80.7	34.6	12	35.14	293	280	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 Ant. 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	43.47	-30.53	74	44.76	39.11	17.16	57.56	100	0	P	H
		17070	49.68	-24.32	74	42.17	42.69	20.65	55.83	100	0	P	H
													H
													H
		11380	45.09	-28.91	74	46.38	39.11	17.16	57.56	100	0	P	V
		17070	51.18	-22.82	74	43.67	42.69	20.65	55.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				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 HT40 LF		31.08	27.62	-12.38	40	32.45	25.46	1.07	31.36	100	0	P	H
		82.38	25.16	-14.84	40	41.29	14.14	1.28	31.55	-	-	P	H
		182.01	31.08	-12.42	43.5	45.28	15.42	1.87	31.49	-	-	P	H
		331.5	25.56	-20.44	46	33.7	20.69	2.41	31.24	-	-	P	H
		694.1	29.22	-16.78	46	29.96	26.34	3.65	30.73	-	-	P	H
		941.2	33.49	-12.51	46	29.96	29.99	4.07	30.53	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.94	33.05	-6.95	40	40.69	22.72	1.07	31.43	100	85	P	V
		62.67	29.16	-10.84	40	47.25	12.21	1.28	31.58	-	-	P	V
		166.89	23.96	-19.54	43.5	37.37	16.3	1.78	31.49	-	-	P	V
		480.6	26.13	-19.87	46	30.36	23.78	3.04	31.05	-	-	P	V
		750.1	30.41	-15.59	46	30.04	27.2	3.82	30.65	-	-	P	V
		939.8	33.41	-12.59	46	29.86	29.96	4.12	30.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				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)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. 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”.



Band 1 - 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

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)
802.11n HT20 CH 36 5180MHz		5148.2	52.34	-21.66	74	42.52	33.69	11.21	35.08	100	80	P	H
		5149.76	43.83	-10.17	54	34.01	33.69	11.21	35.08	100	80	A	H
	*	5180	106.51	-	-	96.6	33.78	11.21	35.08	100	80	P	H
	*	5180	98.3	-	-	88.39	33.78	11.21	35.08	100	80	A	H
													H
													H
		5143	50.17	-23.83	74	40.35	33.69	11.21	35.08	290	288	P	V
		5150	43.26	-10.74	54	33.44	33.69	11.21	35.08	290	288	A	V
	*	5180	105.76	-	-	95.85	33.78	11.21	35.08	290	288	P	V
	*	5180	98.04	-	-	88.13	33.78	11.21	35.08	290	288	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5098.02	50.61	-23.39	74	40.98	33.56	11.14	35.07	100	79	P	H
		5116.48	42.31	-11.69	54	32.6	33.6	11.18	35.07	100	79	A	H
	*	5220	106.2	-	-	96.17	33.86	11.25	35.08	100	79	P	H
	*	5220	98.6	-	-	88.57	33.86	11.25	35.08	100	79	A	H
		5459.52	49.5	-24.5	74	38.23	34.47	11.89	35.09	100	79	P	H
		5458.08	41.53	-12.47	54	30.26	34.47	11.89	35.09	100	79	A	H
		5059.28	50.43	-23.57	74	40.92	33.47	11.11	35.07	258	274	P	V
		5137.54	42.51	-11.49	54	32.76	33.65	11.18	35.08	258	274	A	V
	*	5220	105.77	-	-	95.74	33.86	11.25	35.08	258	274	P	V
	*	5220	98.03	-	-	88	33.86	11.25	35.08	258	274	A	V
		5417.04	48.9	-25.1	74	37.72	34.38	11.89	35.09	258	274	P	V
		5381.04	41.61	-12.39	54	30.51	34.3	11.89	35.09	258	274	A	V



WIFI Ant. 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 HT20 CH 48 5240MHz		5104.52	50.35	-23.65	74	40.68	33.56	11.18	35.07	100	26	P	H
		5130.52	41.32	-12.68	54	31.57	33.65	11.18	35.08	100	26	A	H
	*	5240	105.47	-	-	95.26	33.91	11.38	35.08	100	26	P	H
	*	5240	97.97	-	-	87.76	33.91	11.38	35.08	100	26	A	H
		5409.84	49.32	-24.68	74	38.18	34.34	11.89	35.09	100	26	P	H
		5401.68	41.67	-12.33	54	30.53	34.34	11.89	35.09	100	26	A	H
		5118.56	50.85	-23.15	74	41.15	33.6	11.18	35.08	267	262	P	V
		5084.5	42.84	-11.16	54	33.25	33.52	11.14	35.07	267	262	A	V
	*	5240	106.1	-	-	95.89	33.91	11.38	35.08	267	262	P	V
	*	5240	98.32	-	-	88.11	33.91	11.38	35.08	267	262	A	V
		5435.52	48.95	-25.05	74	37.72	34.43	11.89	35.09	267	262	P	V
		5397.84	41.31	-12.69	54	30.17	34.34	11.89	35.09	267	262	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	44.1	-29.9	74	47.05	39.09	17.17	59.21	100	0	P	H
		15540	45.99	-28.01	74	42.49	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	44.57	-29.43	74	47.52	39.09	17.17	59.21	100	0	P	V
		15540	46.45	-27.55	74	42.95	41.07	19.61	57.18	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	45.92	-28.08	74	48.75	39.15	17.17	59.15	100	0	P	H
		15660	46.72	-27.28	74	42.84	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	44.99	-29.01	74	47.82	39.15	17.17	59.15	100	0	P	V
		15660	47.52	-26.48	74	43.64	41.31	19.68	57.11	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	44.9	-29.1	74	47.65	39.19	17.17	59.11	100	0	P	H
		15720	47.29	-26.71	74	43.18	41.45	19.73	57.07	100	0	P	H
													H
													H
		10480	45.07	-28.93	74	47.82	39.19	17.17	59.11	100	0	P	V
		15720	47.16	-26.84	74	43.05	41.45	19.73	57.07	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		5148.98	52.06	-21.94	74	42.24	33.69	11.21	35.08	100	81	P	H
		5148.98	43.83	-10.17	54	34.01	33.69	11.21	35.08	100	81	A	H
	*	5190	103.01	-	-	93.06	33.78	11.25	35.08	100	81	P	H
	*	5190	95.12	-	-	85.17	33.78	11.25	35.08	100	81	A	H
		5429.52	48.99	-25.01	74	37.76	34.43	11.89	35.09	100	81	P	H
		5423.76	41.35	-12.65	54	30.17	34.38	11.89	35.09	100	81	A	H
		5148.46	51.45	-22.55	74	41.63	33.69	11.21	35.08	264	274	P	V
		5149.5	44.28	-9.72	54	34.46	33.69	11.21	35.08	264	274	A	V
	*	5190	102.97	-	-	93.02	33.78	11.25	35.08	264	274	P	V
	*	5190	94.72	-	-	84.77	33.78	11.25	35.08	264	274	A	V
		5451.84	48.8	-25.2	74	37.53	34.47	11.89	35.09	264	274	P	V
		5438.64	41.42	-12.58	54	30.19	34.43	11.89	35.09	264	274	A	V
802.11n HT40 CH 46 5230MHz		5142.22	49.95	-24.05	74	40.13	33.69	11.21	35.08	100	28	P	H
		5134.94	42.02	-11.98	54	32.27	33.65	11.18	35.08	100	28	A	H
	*	5230	103.22	-	-	93.01	33.91	11.38	35.08	100	28	P	H
	*	5230	95.59	-	-	85.38	33.91	11.38	35.08	100	28	A	H
		5408.16	49.49	-24.51	74	38.35	34.34	11.89	35.09	100	28	P	H
		5455.92	41.6	-12.4	54	30.33	34.47	11.89	35.09	100	28	A	H
		5140.92	50.48	-23.52	74	40.66	33.69	11.21	35.08	264	264	P	V
		5144.3	42.48	-11.52	54	32.66	33.69	11.21	35.08	264	264	A	V
	*	5230	103.92	-	-	93.71	33.91	11.38	35.08	264	264	P	V
	*	5230	95.62	-	-	85.41	33.91	11.38	35.08	264	264	A	V
		5457.36	48.45	-25.55	74	37.18	34.47	11.89	35.09	264	264	P	V
		5456.16	41.36	-12.64	54	30.09	34.47	11.89	35.09	264	264	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		10380	45.59	-28.41	74	48.5	39.11	17.17	59.19	100	0	P	H
		15570	46.87	-27.13	74	43.26	41.14	19.63	57.16	100	0	P	H
													H
													H
		10380	44.38	-29.62	74	47.29	39.11	17.17	59.19	100	0	P	V
		15570	45.8	-28.2	74	42.19	41.14	19.63	57.16	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.74	-29.26	74	47.55	39.16	17.17	59.14	100	0	P	H
		15690	46.45	-27.55	74	42.46	41.38	19.7	57.09	100	0	P	H
													H
													H
		10460	46.42	-27.58	74	49.23	39.16	17.17	59.14	100	0	P	V
		15690	46.21	-27.79	74	42.22	41.38	19.7	57.09	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


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

WIFI Ant. 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		5128.96	54.83	-19.17	74	45.08	33.65	11.18	35.08	100	80	P	H
		5140.14	47.01	-6.99	54	37.19	33.69	11.21	35.08	100	80	A	H
	*	5210	100.62	-	-	90.59	33.86	11.25	35.08	100	80	P	H
	*	5210	93.12	-	-	83.09	33.86	11.25	35.08	100	80	A	H
		5396.16	49.89	-24.11	74	38.75	34.34	11.89	35.09	100	80	P	H
		5407.68	42.78	-11.22	54	31.64	34.34	11.89	35.09	100	80	A	H
		5138.58	54.37	-19.63	74	44.62	33.65	11.18	35.08	276	270	P	V
		5143.26	48.12	-5.88	54	38.3	33.69	11.21	35.08	276	270	A	V
	*	5210	101.7	-	-	91.67	33.86	11.25	35.08	276	270	P	V
	*	5210	93.78	-	-	83.75	33.86	11.25	35.08	276	270	A	V
		5356.32	49.06	-24.94	74	38.17	34.21	11.76	35.08	276	270	P	V
		5459.76	43.03	-10.97	54	31.76	34.47	11.89	35.09	276	270	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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	45.17	-28.83	74	48.04	39.13	17.17	59.17	100	0	P	H
		15630	46.3	-27.7	74	42.46	41.28	19.68	57.12	100	0	P	H
													H
													H
		10420	45.42	-28.58	74	48.29	39.13	17.17	59.17	100	0	P	V
		15630	46.23	-27.77	74	42.39	41.28	19.68	57.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

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)
802.11n HT20 CH 52 5260MHz		5139.1	49.97	-24.03	74	40.22	33.65	11.18	35.08	103	27	P	H
		5148.46	41.64	-12.36	54	31.82	33.69	11.21	35.08	103	27	A	H
	*	5260	106.16	-	-	95.87	33.99	11.38	35.08	103	27	P	H
	*	5260	98.19	-	-	87.9	33.99	11.38	35.08	103	27	A	H
		5446.08	50.05	-23.95	74	38.78	34.47	11.89	35.09	103	27	P	H
		5416.56	41.73	-12.27	54	30.55	34.38	11.89	35.09	103	27	A	H
		5022.88	50.04	-23.96	74	40.61	33.39	11.11	35.07	267	264	P	V
		5100.36	42.54	-11.46	54	32.87	33.56	11.18	35.07	267	264	A	V
	*	5260	106.69	-	-	96.4	33.99	11.38	35.08	267	264	P	V
	*	5260	99.01	-	-	88.72	33.99	11.38	35.08	267	264	A	V
		5456.16	48.28	-25.72	74	37.01	34.47	11.89	35.09	267	264	P	V
		5358	41.47	-12.53	54	30.58	34.21	11.76	35.08	267	264	A	V
802.11n HT20 CH 60 5300MHz		5125.84	48.92	-25.08	74	39.17	33.65	11.18	35.08	100	27	P	H
		5138.58	41.64	-12.36	54	31.89	33.65	11.18	35.08	100	27	A	H
	*	5300	106.23	-	-	95.72	34.08	11.51	35.08	100	27	P	H
	*	5300	98.39	-	-	87.88	34.08	11.51	35.08	100	27	A	H
		5459.52	49.52	-24.48	74	38.25	34.47	11.89	35.09	100	27	P	H
		5361.6	42.6	-11.4	54	31.67	34.25	11.76	35.08	100	27	A	H
		5052	49.16	-24.84	74	39.69	33.43	11.11	35.07	268	262	P	V
		5063.44	42.53	-11.47	54	32.99	33.47	11.14	35.07	268	262	A	V
	*	5300	106.14	-	-	95.63	34.08	11.51	35.08	268	262	P	V
	*	5300	98.56	-	-	88.05	34.08	11.51	35.08	268	262	A	V
		5358	49.93	-24.07	74	39.04	34.21	11.76	35.08	268	262	P	V
		5350.08	42.31	-11.69	54	31.42	34.21	11.76	35.08	268	262	A	V



WIFI Ant. 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 HT20 CH 64 5320MHz	*	5320	106.57	-	-	95.9	34.12	11.63	35.08	100	27	P	H
	*	5320	98.7	-	-	88.03	34.12	11.63	35.08	100	27	A	H
		5357.76	51.9	-22.1	74	41.01	34.21	11.76	35.08	100	27	P	H
		5351.68	43.94	-10.06	54	33.05	34.21	11.76	35.08	100	27	A	H
													H
													H
	*	5320	106.24	-	-	95.57	34.12	11.63	35.08	264	262	P	V
	*	5320	98.41	-	-	87.74	34.12	11.63	35.08	264	262	A	V
		5361.28	49.85	-24.15	74	38.92	34.25	11.76	35.08	264	262	P	V
		5352.48	43.23	-10.77	54	32.34	34.21	11.76	35.08	264	262	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		10520	44.75	-29.25	74	47.48	39.18	17.17	59.08	100	0	P	H
		15780	47.1	-26.9	74	42.83	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	45.48	-28.52	74	48.21	39.18	17.17	59.08	100	0	P	V
		15780	46.55	-27.45	74	42.28	41.55	19.75	57.03	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	44.21	-29.79	74	46.94	39.06	17.17	58.96	100	0	P	H
		15900	47.03	-26.97	74	42.38	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	45.81	-28.19	74	48.54	39.06	17.17	58.96	100	0	P	V
		15900	47.02	-26.98	74	42.37	41.79	19.82	56.96	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	44.42	-29.58	74	47.15	39.01	17.17	58.91	100	0	P	H
		15960	46.56	-27.44	74	41.68	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	44.52	-29.48	74	47.25	39.01	17.17	58.91	100	0	P	V
		15960	46.03	-27.97	74	41.15	41.93	19.87	56.92	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 HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		5063.44	49.32	-24.68	74	39.78	33.47	11.14	35.07	100	82	P	H
		5110.76	41.94	-12.06	54	32.23	33.6	11.18	35.07	100	82	A	H
	*	5270	102.63	-	-	92.21	33.99	11.51	35.08	100	82	P	H
	*	5270	94.84	-	-	84.42	33.99	11.51	35.08	100	82	A	H
		5426.64	49.09	-24.91	74	37.91	34.38	11.89	35.09	100	82	P	H
		5435.28	41.45	-12.55	54	30.22	34.43	11.89	35.09	100	82	A	H
		5101.66	49.34	-24.66	74	39.67	33.56	11.18	35.07	257	282	P	V
		5109.98	41.89	-12.11	54	32.18	33.6	11.18	35.07	257	282	A	V
	*	5270	102.8	-	-	92.38	33.99	11.51	35.08	257	282	P	V
	*	5270	95.17	-	-	84.75	33.99	11.51	35.08	257	282	A	V
		5367.6	50.13	-23.87	74	39.2	34.25	11.76	35.08	257	282	P	V
		5362.8	41.99	-12.01	54	31.06	34.25	11.76	35.08	257	282	A	V
802.11n HT40 CH 62 5310MHz		5141.18	50.92	-23.08	74	41.1	33.69	11.21	35.08	102	83	P	H
		5076.96	41.99	-12.01	54	32.4	33.52	11.14	35.07	102	83	A	H
	*	5310	101.64	-	-	90.97	34.12	11.63	35.08	102	83	P	H
	*	5310	93.78	-	-	83.11	34.12	11.63	35.08	102	83	A	H
		5350.32	50.91	-23.09	74	40.02	34.21	11.76	35.08	102	83	P	H
		5350.32	44.74	-9.26	54	33.85	34.21	11.76	35.08	102	83	A	H
		5074.1	49.95	-24.05	74	40.36	33.52	11.14	35.07	256	271	P	V
		5076.96	42.19	-11.81	54	32.6	33.52	11.14	35.07	256	271	A	V
	*	5310	102.4	-	-	91.73	34.12	11.63	35.08	256	271	P	V
	*	5310	95.23	-	-	84.56	34.12	11.63	35.08	256	271	A	V
		5350.08	51.27	-22.73	74	40.38	34.21	11.76	35.08	256	271	P	V
		5350.08	45.41	-8.59	54	34.52	34.21	11.76	35.08	256	271	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		10540	45.51	-28.49	74	48.24	39.15	17.17	59.05	100	0	P	H
		15810	47.85	-26.15	74	43.47	41.62	19.77	57.01	100	0	P	H
													H
													H
		10540	44.14	-29.86	74	46.87	39.15	17.17	59.05	100	0	P	V
		15810	46.6	-27.4	74	42.22	41.62	19.77	57.01	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	44.24	-29.76	74	46.97	39.03	17.17	58.93	100	0	P	H
		15930	45.81	-28.19	74	41.05	41.86	19.84	56.94	100	0	P	H
													H
													H
		10620	44.42	-29.58	74	47.15	39.03	17.17	58.93	100	0	P	V
		15930	46.57	-27.43	74	41.81	41.86	19.84	56.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 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		5096.72	48.98	-25.02	74	39.35	33.56	11.14	35.07	112	28	P	H
		5104.78	43.34	-10.66	54	33.67	33.56	11.18	35.07	112	28	A	H
	*	5290	100.76	-	-	90.29	34.04	11.51	35.08	112	28	P	H
	*	5290	93.48	-	-	83.01	34.04	11.51	35.08	112	28	A	H
		5354.88	57.95	-16.05	74	47.06	34.21	11.76	35.08	112	28	P	H
		5350.32	50.8	-3.2	54	39.91	34.21	11.76	35.08	112	28	A	H
		5003.12	50.17	-23.83	74	40.87	33.3	11.07	35.07	266	264	P	V
		5146.64	43.05	-10.95	54	33.23	33.69	11.21	35.08	266	264	A	V
	*	5290	100.82	-	-	90.35	34.04	11.51	35.08	266	264	P	V
	*	5290	93.94	-	-	83.47	34.04	11.51	35.08	266	264	A	V
		5362.56	51.6	-22.4	74	40.67	34.25	11.76	35.08	266	264	P	V
		5350.8	47.99	-6.01	54	37.1	34.21	11.76	35.08	266	264	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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	44.57	-29.43	74	47.3	39.08	17.17	58.98	100	0	P	H
		15870	47.26	-26.74	74	42.65	41.76	19.82	56.97	100	0	P	H
													H
													H
		10580	45.17	-28.83	74	47.9	39.08	17.17	58.98	100	0	P	V
		15870	47.25	-26.75	74	42.64	41.76	19.82	56.97	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	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)
802.11n HT20 CH 100 5500MHz		5433.2	51.22	-22.78	74	39.99	34.43	11.89	35.09	100	18	P	H
		5469.84	44.54	-9.46	54	33.23	34.51	11.89	35.09	100	18	A	H
	*	5500	107.66	-	-	96.26	34.6	11.89	35.09	100	18	P	H
	*	5500	99.9	-	-	88.5	34.6	11.89	35.09	100	18	A	H
													H
													H
		5465.84	50.81	-23.19	74	39.5	34.51	11.89	35.09	307	275	P	V
		5467.6	43.62	-10.38	54	32.31	34.51	11.89	35.09	307	275	A	V
	*	5500	107.19	-	-	95.79	34.6	11.89	35.09	307	275	P	V
	*	5500	99.1	-	-	87.7	34.6	11.89	35.09	307	275	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5446	48.76	-25.24	74	37.49	34.47	11.89	35.09	100	27	P	H
		5421.04	42.08	-11.92	54	30.9	34.38	11.89	35.09	100	27	A	H
	*	5580	106.77	-	-	95.39	34.6	11.89	35.11	100	27	P	H
	*	5580	98.81	-	-	87.43	34.6	11.89	35.11	100	27	A	H
		5725.45	49.02	-24.98	74	37.5	34.6	12.06	35.14	100	27	P	H
		5730.175	41.99	-12.01	54	30.47	34.6	12.06	35.14	100	27	A	H
		5459.92	49.74	-24.26	74	38.47	34.47	11.89	35.09	283	221	P	V
		5423.2	41.62	-12.38	54	30.44	34.38	11.89	35.09	283	221	A	V
	*	5580	105.98	-	-	94.6	34.6	11.89	35.11	283	221	P	V
	*	5580	97.93	-	-	86.55	34.6	11.89	35.11	283	221	A	V
		5755.375	49.27	-24.73	74	37.71	34.6	12.11	35.15	283	221	P	V
		5737.875	41.77	-12.23	54	30.26	34.6	12.06	35.15	283	221	A	V



WIFI Ant. 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 HT20 CH 140 5700MHz	*	5700	106.9	-	-	95.44	34.6	12	35.14	100	342	P	H
	*	5700	99.65	-	-	88.19	34.6	12	35.14	100	342	A	H
		5731.72	52.59	-21.41	74	41.08	34.6	12.06	35.15	100	342	P	H
		5725.4	45.27	-8.73	54	33.75	34.6	12.06	35.14	100	342	A	H
													H
													H
	*	5700	105.99	-	-	94.53	34.6	12	35.14	273	279	P	V
	*	5700	98.74	-	-	87.28	34.6	12	35.14	273	279	A	V
		5739.88	53.8	-20.2	74	42.29	34.6	12.06	35.15	273	279	P	V
		5725.56	44.44	-9.56	54	32.92	34.6	12.06	35.14	273	279	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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 HT20 CH 100 5500MHz		11000	43.18	-30.82	74	45.91	38.5	17.17	58.4	100	0	P	H
		16500	50.3	-23.7	74	43.17	43	20.23	56.1	100	0	P	H
													H
													H
		10975	44.48	-29.52	74	47.21	38.52	17.17	58.42	100	0	P	V
		16500	49.74	-24.26	74	42.61	43	20.23	56.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.92	-29.08	74	47.02	38.77	17.16	58.03	100	0	P	H
		16740	48.93	-25.07	74	41.6	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	44.62	-29.38	74	46.72	38.77	17.16	58.03	100	0	P	V
		16740	49.51	-24.49	74	42.18	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	44.79	-29.21	74	46.01	39.14	17.16	57.52	100	0	P	H
		17100	50.81	-23.19	74	43.36	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	44.44	-29.56	74	45.66	39.14	17.16	57.52	100	0	P	V
		17100	50.04	-23.96	74	42.59	42.64	20.65	55.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		5469.52	54.47	-19.53	74	43.16	34.51	11.89	35.09	102	18	P	H
		5470	45.96	-8.04	54	34.65	34.51	11.89	35.09	102	18	A	H
	*	5510	104.91	-	-	93.52	34.6	11.89	35.1	102	18	P	H
	*	5510	97.36	-	-	85.97	34.6	11.89	35.1	102	18	A	H
		5746.8	50.91	-23.09	74	39.35	34.6	12.11	35.15	102	18	P	H
		5760.275	42.24	-11.76	54	30.69	34.6	12.11	35.16	102	18	A	H
		5469.52	51.63	-22.37	74	40.32	34.51	11.89	35.09	276	268	P	V
		5470	46.2	-7.8	54	34.89	34.51	11.89	35.09	276	268	A	V
	*	5510	104.47	-	-	93.08	34.6	11.89	35.1	276	268	P	V
	*	5510	97.03	-	-	85.64	34.6	11.89	35.1	276	268	A	V
		5760.8	50.79	-23.21	74	39.24	34.6	12.11	35.16	276	268	P	V
		5759.75	42.06	-11.94	54	30.51	34.6	12.11	35.16	276	268	A	V
802.11n HT40 CH 110 5550MHz		5467.84	50.56	-23.44	74	39.25	34.51	11.89	35.09	100	27	P	H
		5462.32	42.75	-11.25	54	31.48	34.47	11.89	35.09	100	27	A	H
	*	5550	103.51	-	-	92.12	34.6	11.89	35.1	100	27	P	H
	*	5550	95.58	-	-	84.19	34.6	11.89	35.1	100	27	A	H
		5730	49.07	-24.93	74	37.55	34.6	12.06	35.14	100	27	P	H
		5728.6	41.82	-12.18	54	30.3	34.6	12.06	35.14	100	27	A	H
		5466.64	50.84	-23.16	74	39.53	34.51	11.89	35.09	286	221	P	V
		5469.04	42.42	-11.58	54	31.11	34.51	11.89	35.09	286	221	A	V
	*	5550	103.44	-	-	92.05	34.6	11.89	35.1	286	221	P	V
	*	5550	95.78	-	-	84.39	34.6	11.89	35.1	286	221	A	V
		5745.225	48.85	-25.15	74	37.29	34.6	12.11	35.15	286	221	P	V
		5740.5	41.73	-12.27	54	30.17	34.6	12.11	35.15	286	221	A	V



WIFI Ant. 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 134 5670MHz		5430.4	48.81	-25.19	74	37.58	34.43	11.89	35.09	100	42	P	H
		5469.52	41.74	-12.26	54	30.43	34.51	11.89	35.09	100	42	A	H
	*	5670	104.42	-	-	92.95	34.6	12	35.13	100	42	P	H
	*	5670	96.17	-	-	84.7	34.6	12	35.13	100	42	A	H
		5731.575	50.8	-23.2	74	39.29	34.6	12.06	35.15	100	42	P	H
		5737.875	43.29	-10.71	54	31.78	34.6	12.06	35.15	100	42	A	H
		5445.76	49.08	-24.92	74	37.81	34.47	11.89	35.09	265	263	P	V
		5465.92	41.5	-12.5	54	30.19	34.51	11.89	35.09	265	263	A	V
	*	5670	103.82	-	-	92.35	34.6	12	35.13	265	263	P	V
	*	5670	96.12	-	-	84.65	34.6	12	35.13	265	263	A	V
		5755.725	50.9	-23.1	74	39.34	34.6	12.11	35.15	265	263	P	V
		5726.15	42.57	-11.43	54	31.05	34.6	12.06	35.14	265	263	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		11020	45.01	-28.99	74	47.67	38.53	17.17	58.36	100	0	P	H
		16530	49.24	-24.76	74	42.08	42.99	20.25	56.08	100	0	P	H
													H
													H
		11020	47.4	-26.6	74	50.06	38.53	17.17	58.36	100	0	P	V
		16530	48.37	-25.63	74	41.21	42.99	20.25	56.08	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.19	-29.81	74	46.55	38.66	17.16	58.18	100	0	P	H
		16650	50.29	-23.71	74	43.02	42.94	20.34	56.01	100	0	P	H
													H
													H
		11100	44.64	-29.36	74	47	38.66	17.16	58.18	100	0	P	V
		16650	50.48	-23.52	74	43.21	42.94	20.34	56.01	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	43.44	-30.56	74	44.92	39.03	17.16	57.67	100	0	P	H
		17010	50.12	-23.88	74	42.57	42.77	20.59	55.81	100	0	P	H
													H
													H
		11340	44.01	-29.99	74	45.49	39.03	17.16	57.67	100	0	P	V
		17010	49.67	-24.33	74	42.12	42.77	20.59	55.81	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 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 106 5530MHz		5467.12	57.46	-16.54	74	46.15	34.51	11.89	35.09	110	26	P	H
		5467.6	50.43	-3.57	54	39.12	34.51	11.89	35.09	110	26	A	H
	*	5530	100.65	-	-	89.26	34.6	11.89	35.1	110	26	P	H
	*	5530	93.75	-	-	82.36	34.6	11.89	35.1	110	26	A	H
		5730.35	49.25	-24.75	74	37.74	34.6	12.06	35.15	110	26	P	H
		5728.075	43.27	-10.73	54	31.75	34.6	12.06	35.14	110	26	A	H
		5470	59.22	-14.78	74	47.91	34.51	11.89	35.09	286	221	P	V
		5465.92	50.56	-3.44	54	39.25	34.51	11.89	35.09	286	221	A	V
	*	5530	100.54	-	-	89.15	34.6	11.89	35.1	286	221	P	V
	*	5530	93.62	-	-	82.23	34.6	11.89	35.1	286	221	A	V
		5725.8	49.16	-24.84	74	37.64	34.6	12.06	35.14	286	221	P	V
		5754.675	43.16	-10.84	54	31.6	34.6	12.11	35.15	286	221	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		11060	45.25	-28.75	74	47.73	38.61	17.16	58.25	100	0	P	H
		16590	49.9	-24.1	74	42.67	42.97	20.31	56.05	100	0	P	H
													H
													H
		11060	44.08	-29.92	74	46.56	38.61	17.16	58.25	100	0	P	V
		16590	49.69	-24.31	74	42.46	42.97	20.31	56.05	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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 HT20 CH 144 5720MHz	*	5720	106.39	-	-	94.87	34.6	12.06	35.14	100	341	P	H
	*	5720	98.97	-	-	87.45	34.6	12.06	35.14	100	341	A	H
													H
													H
													H
													H
	*	5720	105.91	-	-	94.39	34.6	12.06	35.14	270	279	P	V
	*	5720	98.7	-	-	87.18	34.6	12.06	35.14	270	279	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 Ant. 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 HT20 CH 144 5720MHz		11440	45.04	-28.96	74	46.14	39.19	17.16	57.45	100	0	P	H
		17160	59.1	-14.9	74	51.74	42.53	20.7	55.87	100	349	P	H
		17160	48.67	-5.33	54	41.31	42.53	20.7	55.87	100	349	A	H
													H
		11440	44.58	-29.42	74	45.68	39.19	17.16	57.45	100	0	P	V
		17160	50.77	-23.23	74	43.41	42.53	20.7	55.87	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 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 142 5710MHz	*	5710	103.44	-	-	91.92	34.6	12.06	35.14	100	28	P	H
	*	5710	95.36	-	-	83.84	34.6	12.06	35.14	100	28	A	H
													H
													H
													H
													H
	*	5710	103.17	-	-	91.65	34.6	12.06	35.14	245	293	P	V
	*	5710	94.91	-	-	83.39	34.6	12.06	35.14	245	293	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 Ant. 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 142 5710MHz		11420	44.26	-29.74	74	45.41	39.17	17.16	57.48	100	0	P	H
		17130	50.25	-23.75	74	42.84	42.59	20.67	55.85	100	0	P	H
													H
													H
		11420	44.48	-29.52	74	45.63	39.17	17.16	57.48	100	0	P	V
		17130	49.81	-24.19	74	42.4	42.59	20.67	55.85	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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	*	5690	101.91	-	-	90.45	34.6	12	35.14	100	341	P	H
	*	5690	95.12	-	-	83.66	34.6	12	35.14	100	341	A	H
													H
													H
													H
													H
	*	5690	100.84	-	-	89.38	34.6	12	35.14	276	287	P	V
	*	5690	93.82	-	-	82.36	34.6	12	35.14	276	287	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 Ant. 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 138 5690MHz		11380	43.81	-30.19	74	45.1	39.11	17.16	57.56	100	0	P	H
		17070	49.42	-24.58	74	41.91	42.69	20.65	55.83	100	0	P	H
													H
													H
		11380	44.25	-29.75	74	45.54	39.11	17.16	57.56	100	0	P	V
		17070	49.06	-24.94	74	41.55	42.69	20.65	55.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

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)
802.11ac VHT80 LF		30.54	28.07	-11.93	40	32.9	25.46	1.07	31.36	100	0	P	H
		49.17	23.84	-16.16	40	38.85	15.52	1.07	31.6	-	-	P	H
		174.45	28.54	-14.96	43.5	42.52	15.73	1.78	31.49	-	-	P	H
		332.9	26.77	-19.23	46	34.88	20.72	2.41	31.24	-	-	P	H
		644.4	29.23	-16.77	46	30.6	25.84	3.57	30.78	-	-	P	H
		958.7	33.02	-12.98	46	29.26	30.22	4.07	30.53	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.13	35.65	-4.35	40	42.69	23.3	1.07	31.41	100	70	P	V
		63.48	26.68	-13.32	40	44.7	12.28	1.28	31.58	-	-	P	V
		165	24.27	-19.23	43.5	37.48	16.5	1.78	31.49	-	-	P	V
		423.2	24.89	-21.11	46	30.42	22.72	2.89	31.14	-	-	P	V
		617.8	28.73	-17.27	46	30.59	25.58	3.36	30.8	-	-	P	V
		942.6	33.17	-12.83	46	29.59	30.04	4.07	30.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	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		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. 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”.



Appendix B. Radiated Spurious Emission

Test Engineer :	Ken Wu, Jesse Wang, and James Chiu	Temperature :	21~24°C
		Relative Humidity :	50~54%

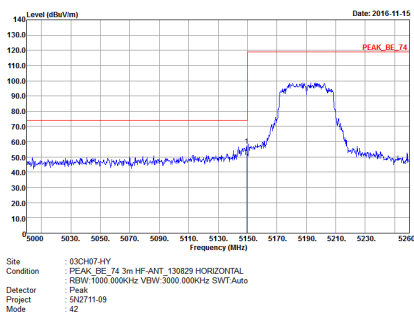
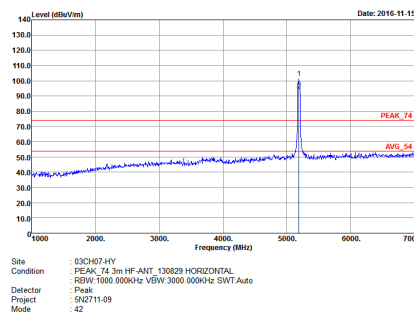
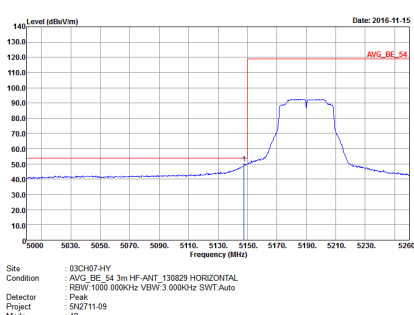
Note symbol

-L	Low channel location
-R	High channel location

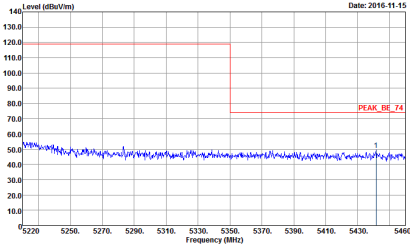
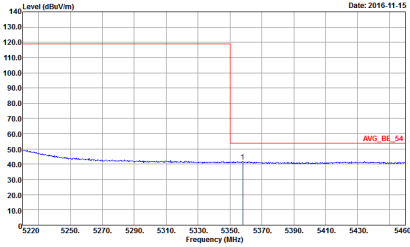


Band 1 - 5150~5250MHz

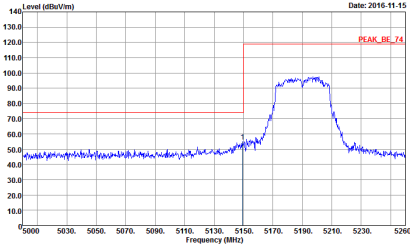
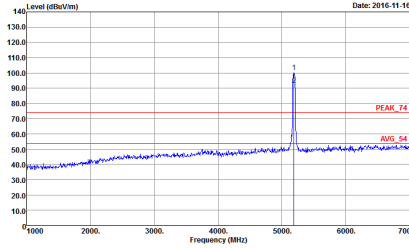
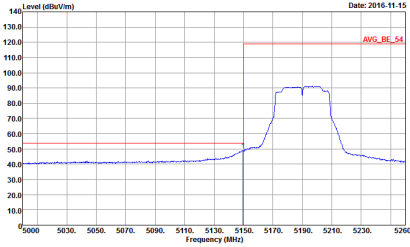
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000 000kHz VBW: 3000 000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 42	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000 000kHz VBW: 3000 000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 42
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000 000kHz VBW: 3 000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 42	Left blank

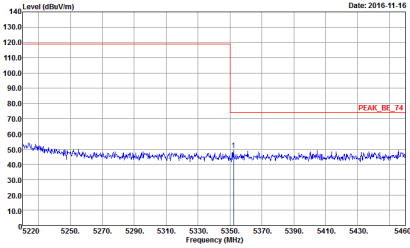
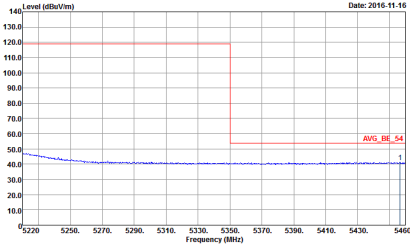


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 42	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 42	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 42	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 42
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 42	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 42	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 42	Left blank



Band 1 - 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

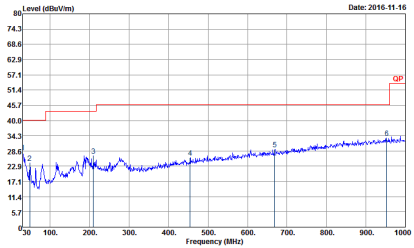
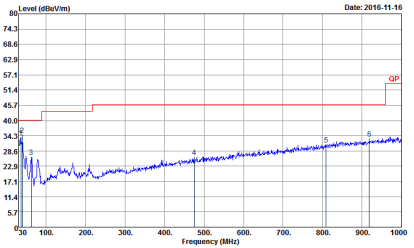
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH074HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Project : 5N2711-09 Mode : 42	Site : 03CH074HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Project : 5N2711-09 Mode : 42



Band 1 5150~5250MHz

Emission below 1GHz

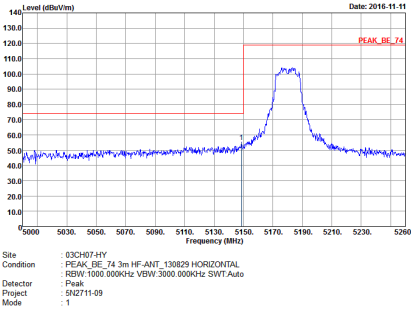
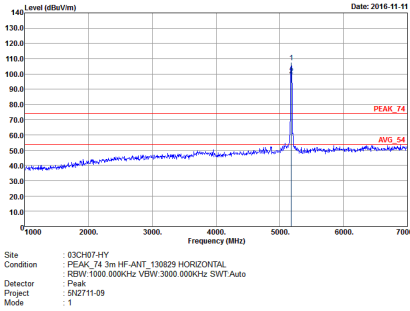
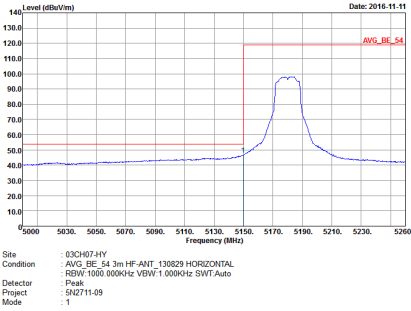
5GHz WIFI 802.11n HT40 (LF)

WIFI	5GHz WIFI	
ANT	802.11n HT40 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 73	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 5N2711-09 Mode : 73

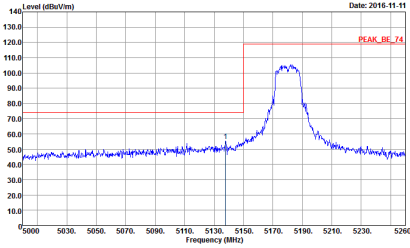
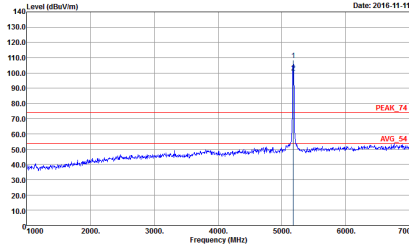
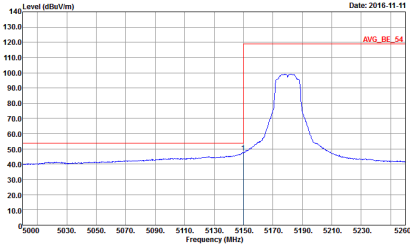


Band 1 - 5150~5250MHz

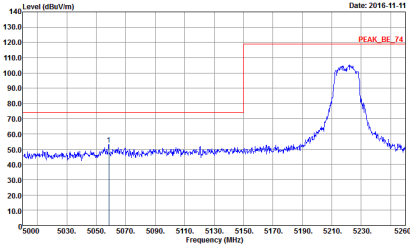
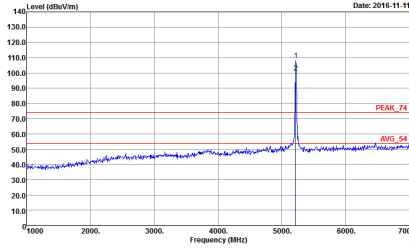
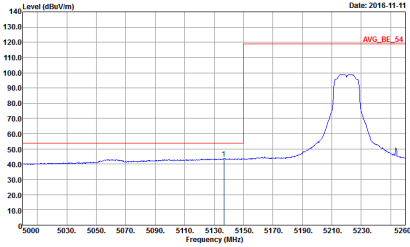
WIFI 802.11a (Band Edge @ 3m)

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

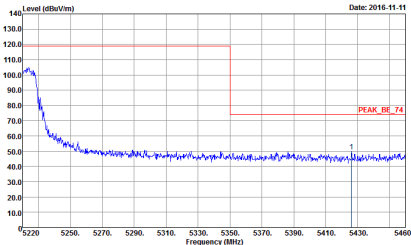
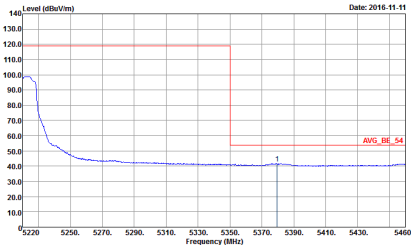


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Vertical	Fundamental
Peak	 Site : 63CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 1	 Site : 63CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 1
Avg.	 Site : 63CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 1	Left blank

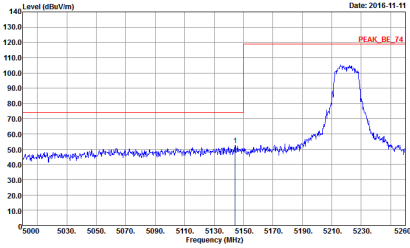
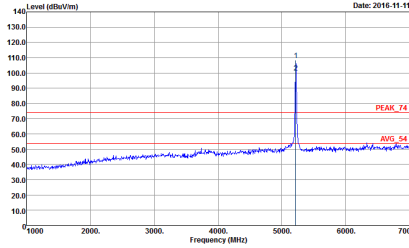
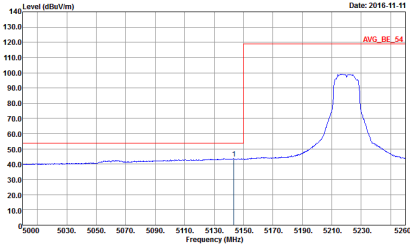


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 2	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 2
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 2	Left blank

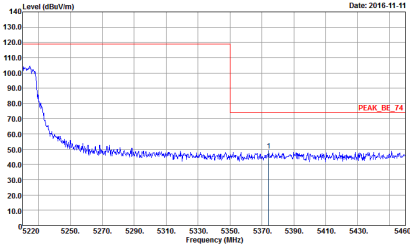
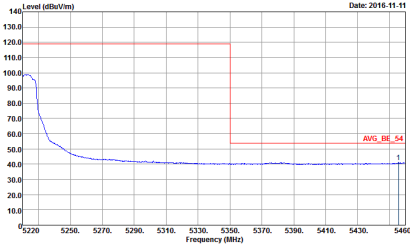


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SNZ711-09 Mode : 2	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : SNZ711-09 Mode : 2	Left blank

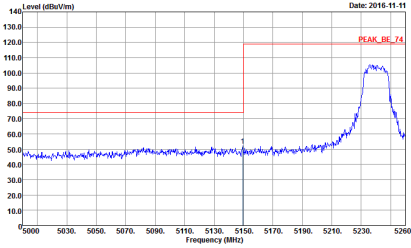
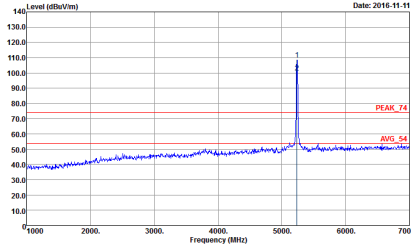
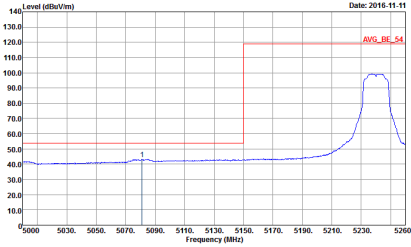


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 2	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 2
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 2	Left blank

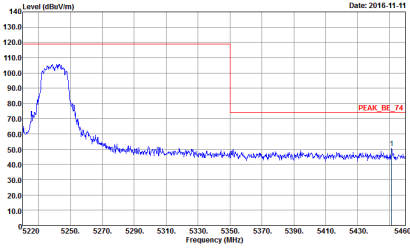
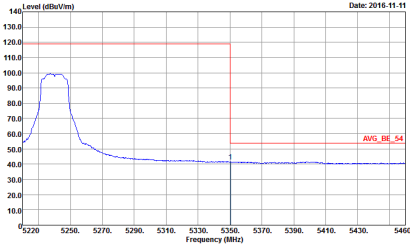


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 2	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 2	Left blank

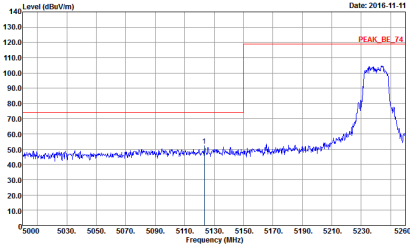
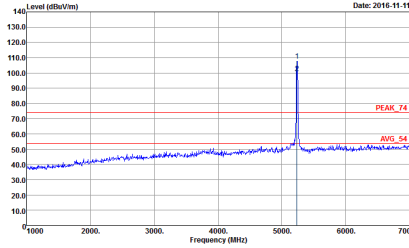
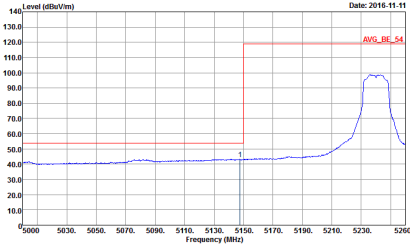


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak	 Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5240 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red line indicates the peak level at approximately 120 dBuV/m. Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 3	 Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5240 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red line indicates the peak level at approximately 120 dBuV/m. Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 3
Avg.	 Level (dBuV/m) vs Frequency (MHz) plot showing an average level at 5240 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red line indicates the average level at approximately 120 dBuV/m. Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 3	Left blank

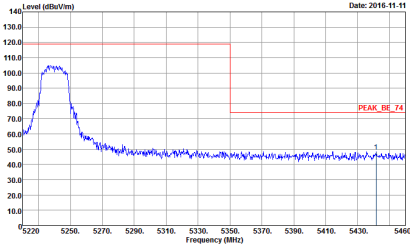
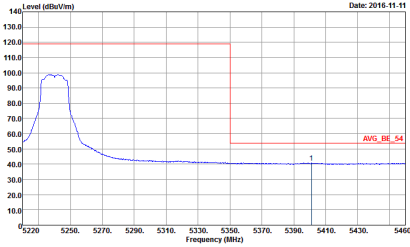


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 3	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 3	Left blank

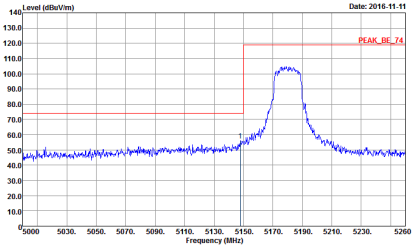
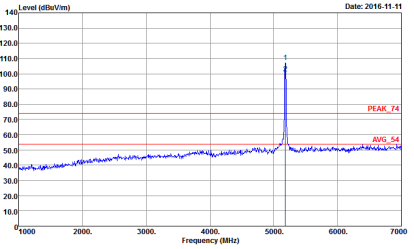
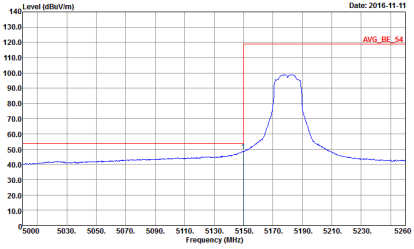


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 3	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 3
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 3	Left blank

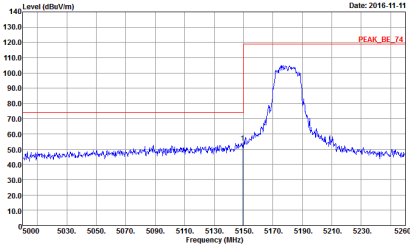
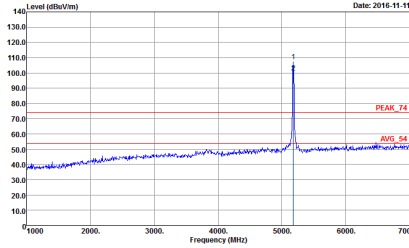
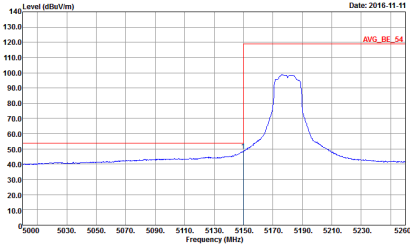


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 3	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 3	Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SN2711-09 Mode : 11	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SN2711-09 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SN2711-09 Mode : 11	Left blank

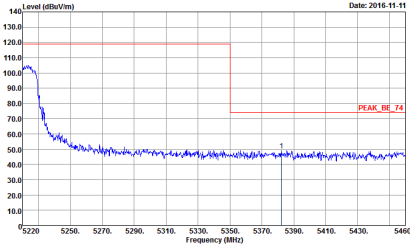
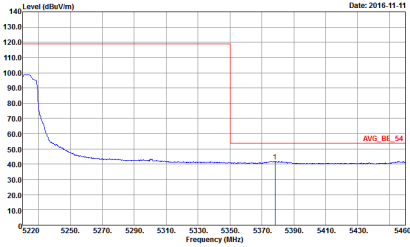


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 11	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 11	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 12	Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 12
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 12	Left blank

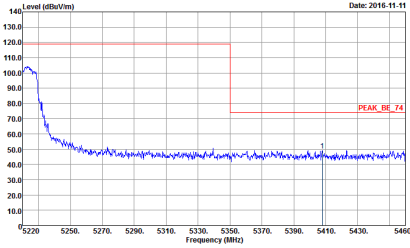
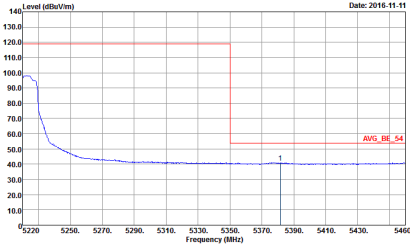


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 12	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 12	Left blank

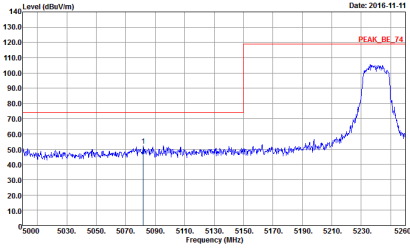
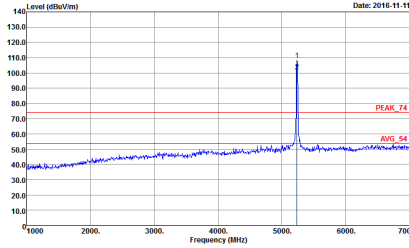
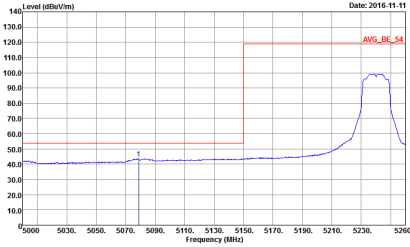


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
2	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 12	Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 12
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 12	Left blank

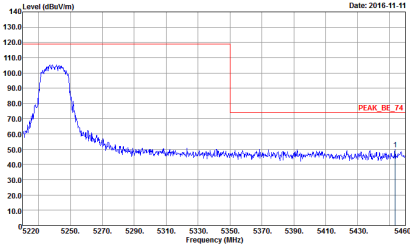
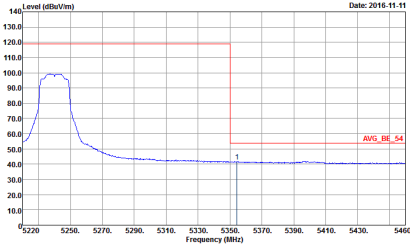


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 12	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 12	Left blank

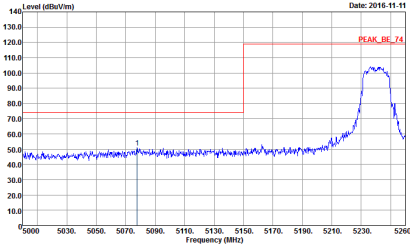
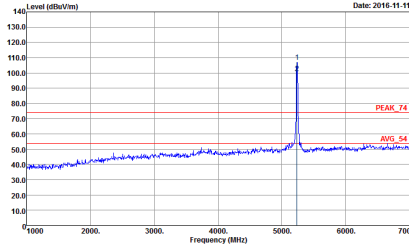
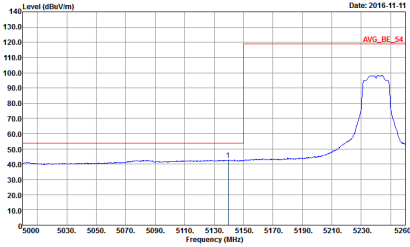


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 13	Left blank

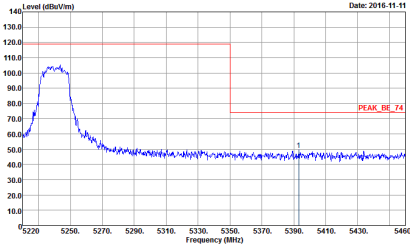
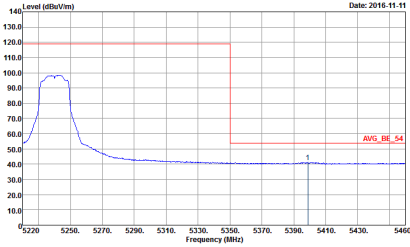


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : EN2711-09 Mode : 13	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : EN2711-09 Mode : 13	Left blank



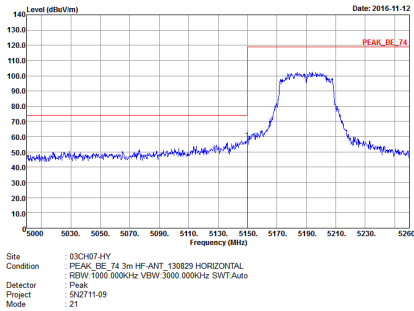
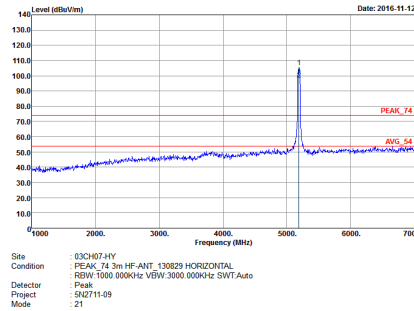
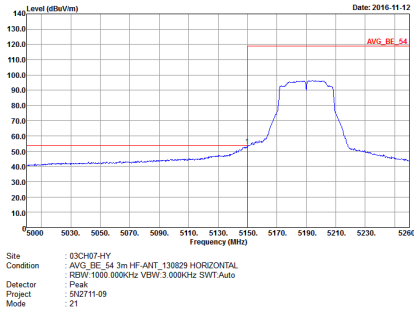
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 13	Left blank



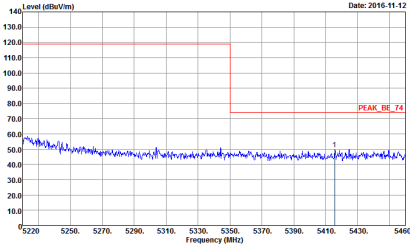
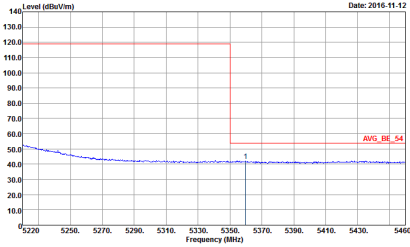
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 13	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 13	Left blank



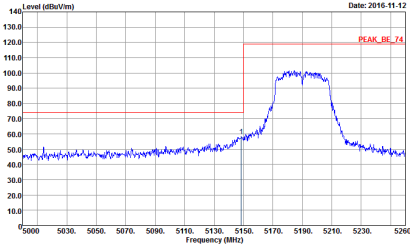
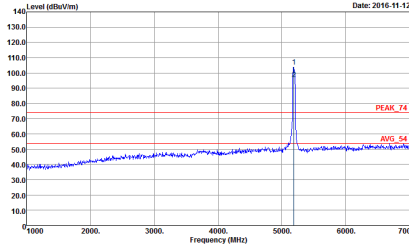
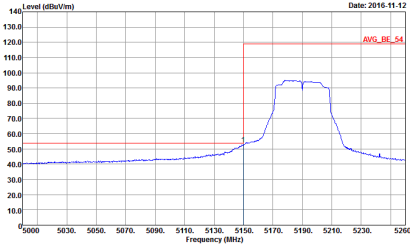
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

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

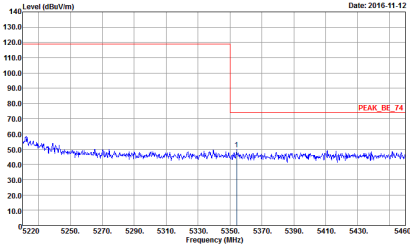
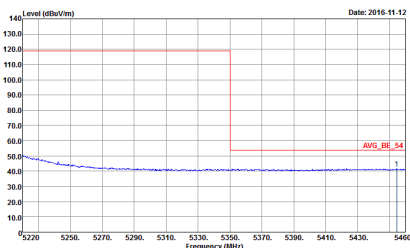


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 21	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 21	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 21	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 21
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 21	Left blank

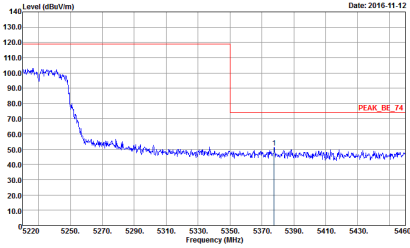
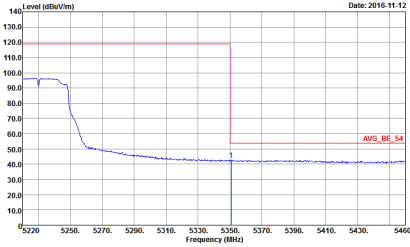


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 21	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 21	Left blank

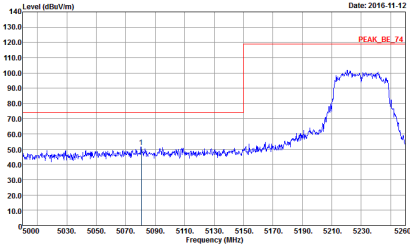
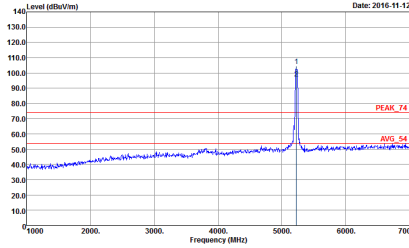
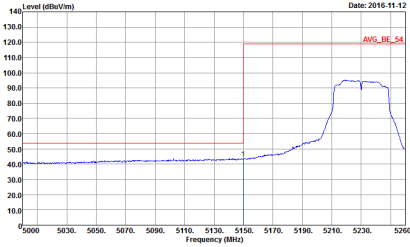


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 5N2711-09 Mode : 22	Site : 03CH07-HY Condition : PEAK_T4 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 5N2711-09 Mode : 22
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 5N2711-09 Mode : 22	Left blank

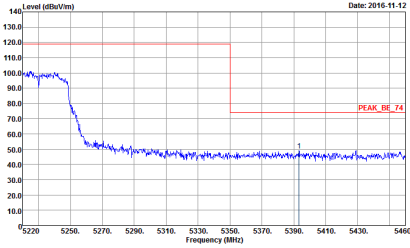
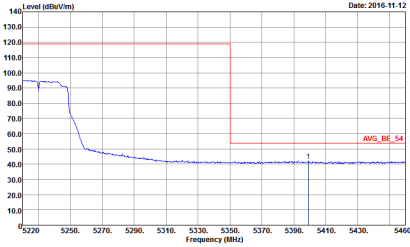


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 22	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 22	Left blank



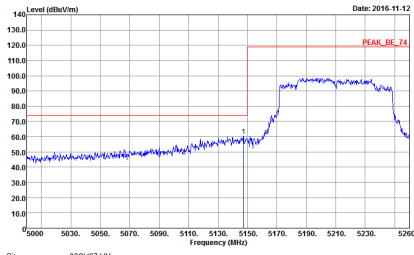
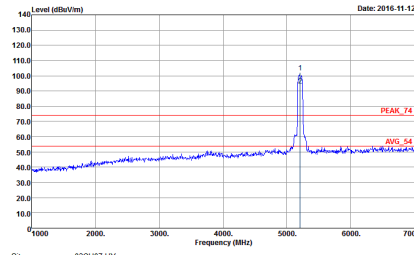
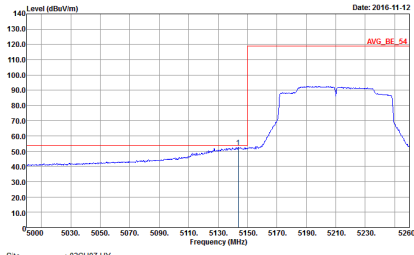
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 22	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 22
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 22	Left blank



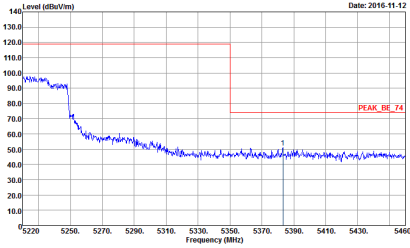
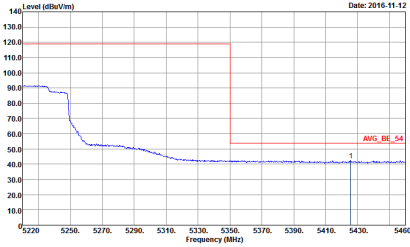
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 22	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 22	Left blank



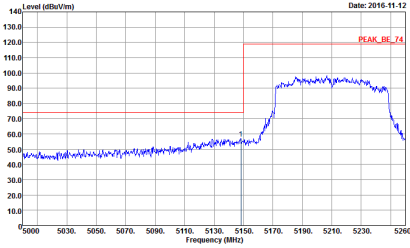
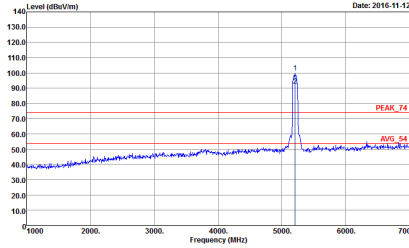
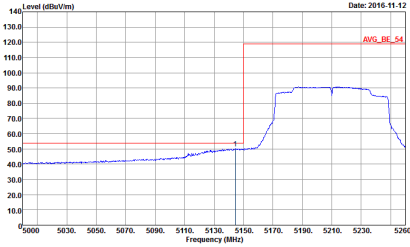
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SNZ711-09 Mode : 29 13.5	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SNZ711-09 Mode : 29 13.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SNZ711-09 Mode : 29 13.5	Left blank

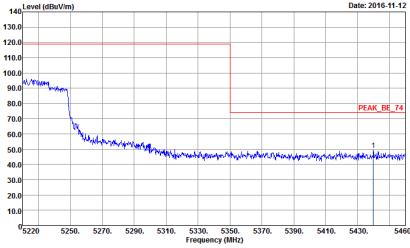
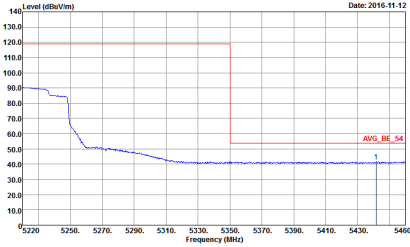


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 29 13.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 29 13.5	Left blank



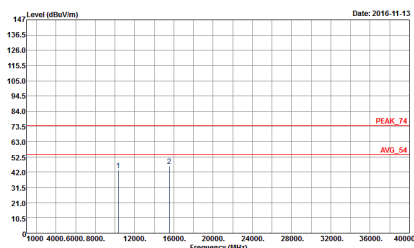
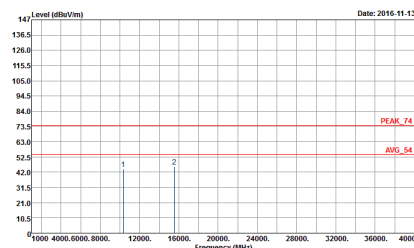
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 29 13.5	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 29 13.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 29 13.5	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 29 13.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 29 13.5	Left blank



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 512711-09 Mode : 1	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 512711-09 Mode : 1

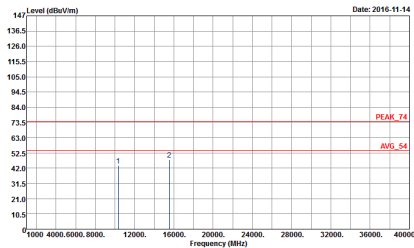
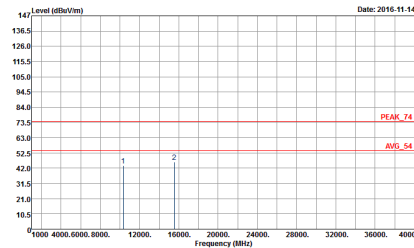


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
2	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 2	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 2

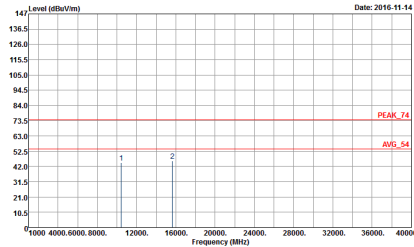
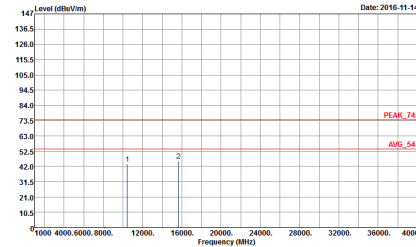


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
2	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : EN2711-09 Mode : 3	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : EN2711-09 Mode : 3

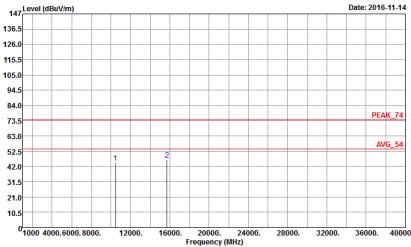
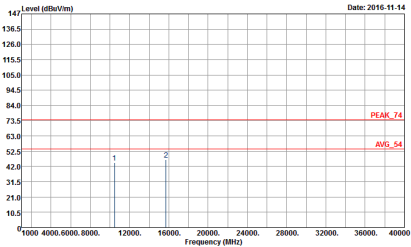
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 11	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 11



WIFI	Band 1 5150~5250MHz Harmonic @ 3m																					
ANT	802.11n HT20 CH44 5220MHz																					
2	Horizontal	Vertical																				
Peak Avg.	<table><tr><td>Site</td><td>: 03CH07-HY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m SHF-EHF_131029 HORIZONTAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: 5N2711-09</td></tr><tr><td>Mode</td><td>: 12</td></tr></table>	Site	: 03CH07-HY	Condition	: PEAK_74 3m SHF-EHF_131029 HORIZONTAL	Detector	: Peak	Project	: 5N2711-09	Mode	: 12	<table><tr><td>Site</td><td>: 03CH07-HY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m SHF-EHF_131029 VERTICAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: 5N2711-09</td></tr><tr><td>Mode</td><td>: 12</td></tr></table>	Site	: 03CH07-HY	Condition	: PEAK_74 3m SHF-EHF_131029 VERTICAL	Detector	: Peak	Project	: 5N2711-09	Mode	: 12
	Site	: 03CH07-HY																				
Condition	: PEAK_74 3m SHF-EHF_131029 HORIZONTAL																					
Detector	: Peak																					
Project	: 5N2711-09																					
Mode	: 12																					
Site	: 03CH07-HY																					
Condition	: PEAK_74 3m SHF-EHF_131029 VERTICAL																					
Detector	: Peak																					
Project	: 5N2711-09																					
Mode	: 12																					



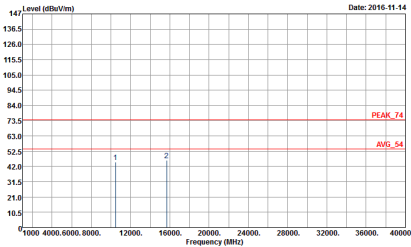
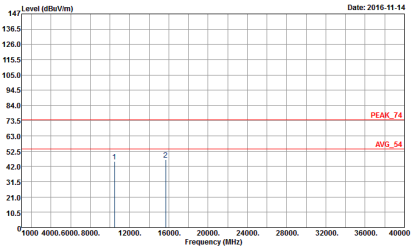
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 13	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 13



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

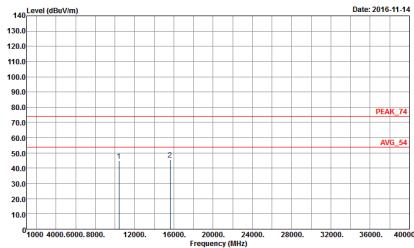
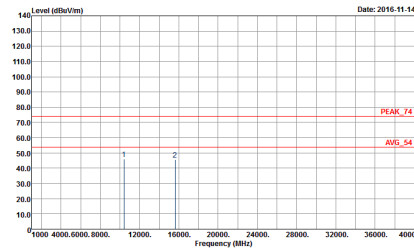
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
2	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 21	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 21



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 22	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 22

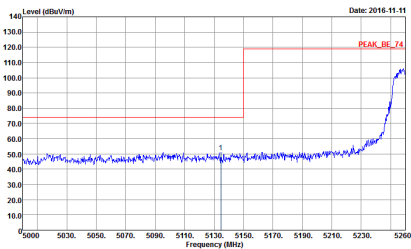
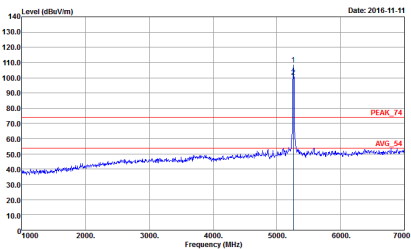
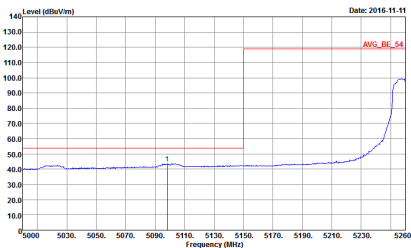


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

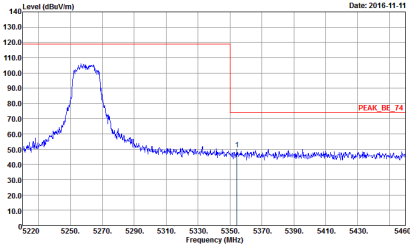
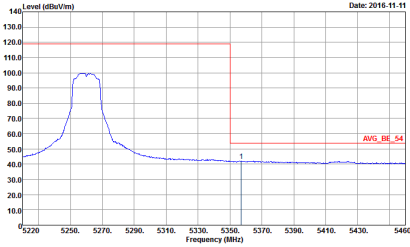
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 29 13.5	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 29 13.5



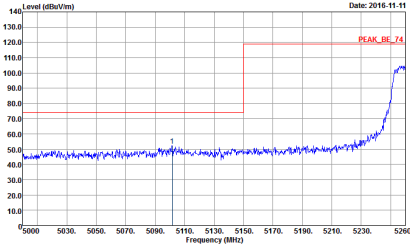
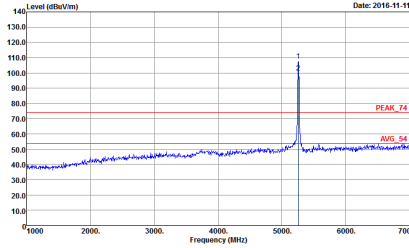
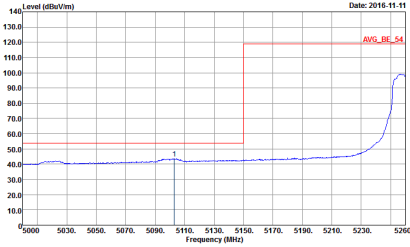
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak SNZ711-09 Mode : 4	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak SNZ711-09 Mode : 4
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak SNZ711-09 Mode : 4	Left blank

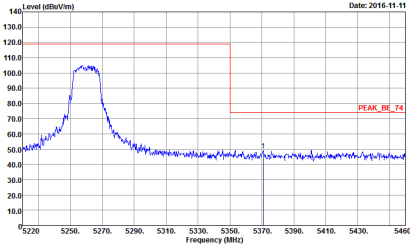
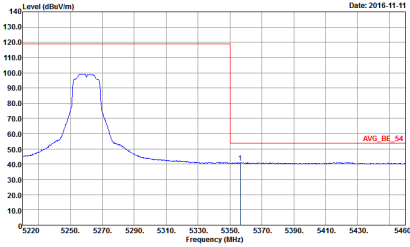


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 4	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 4	Left blank

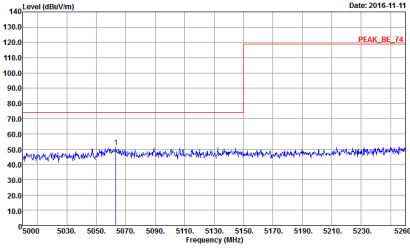
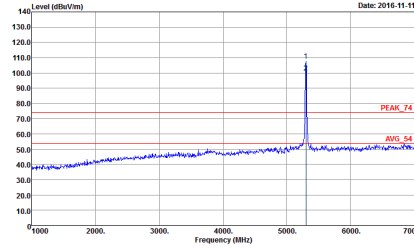
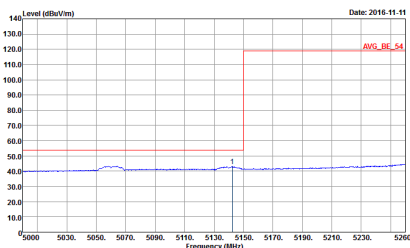


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 4	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 4
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 4	Left blank

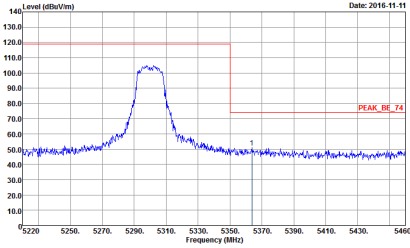
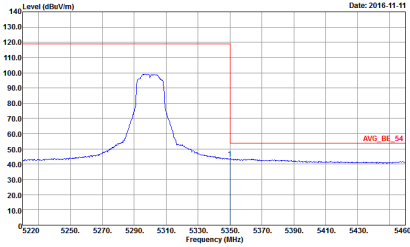


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : FR5N2711-09 Mode : 4	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : FR5N2711-09 Mode : 4	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SNZ711-09 Mode : S	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SNZ711-09 Mode : S
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : SNZ711-09 Mode : S	Left blank

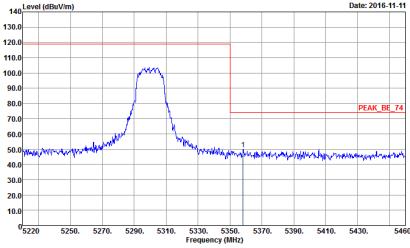
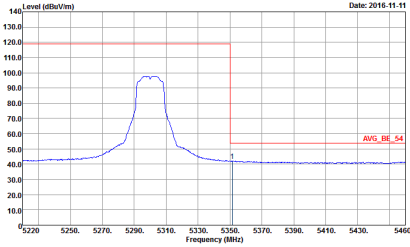


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : ENZ711-09 Mode : S	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : ENZ711-09 Mode : S	Left blank

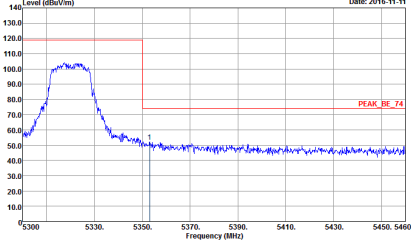
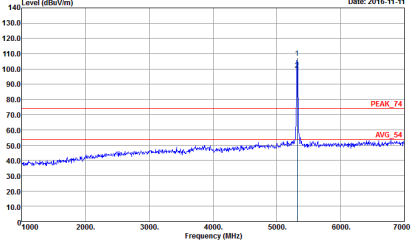
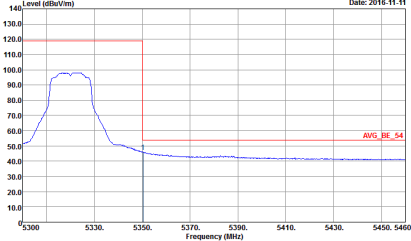


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : S	Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : S
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : S	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : ENZ711-09 Mode : S	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : ENZ711-09 Mode : S	Left blank

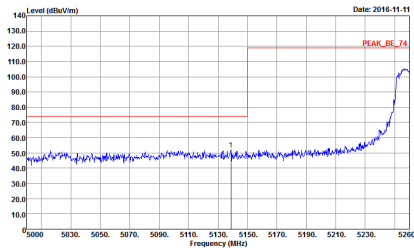
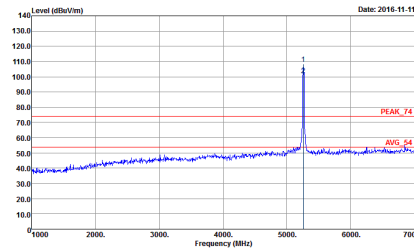
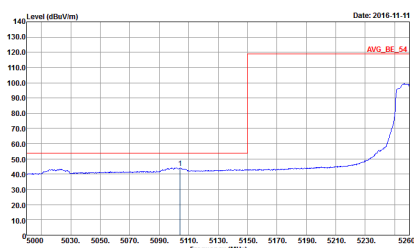


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : EN2711-09 Mode : 6	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : EN2711-09 Mode : 6
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : EN2711-09 Mode : 6	Left blank

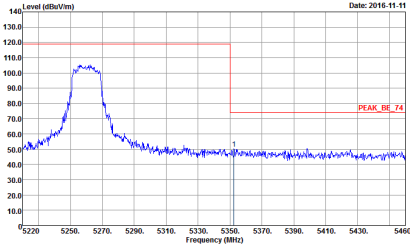
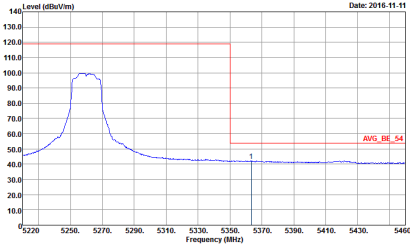


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Vertical	Fundamental
Peak	Site : 63CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 6	Site : 63CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 6
Avg.	Site : 63CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 6	Left blank

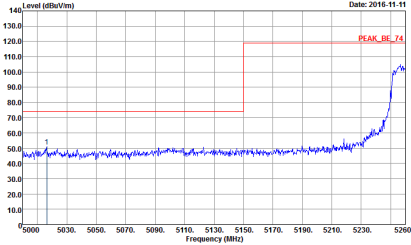
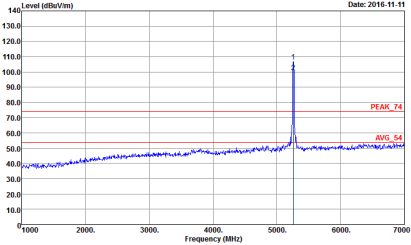
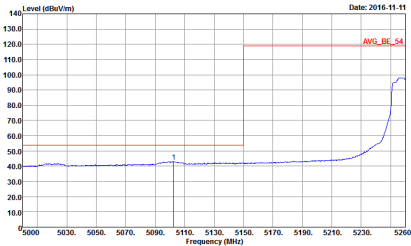
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-4Y Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 14	 Site : 03CH07-4Y Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 14
Avg.	 Site : 03CH07-4Y Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 14	Left blank

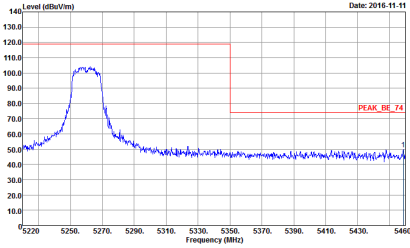
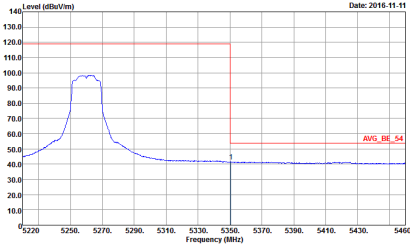


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 14	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 14	Left blank

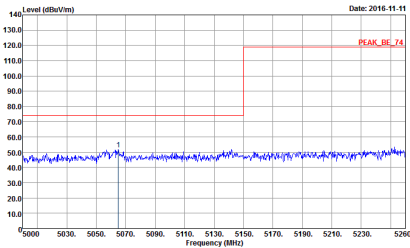
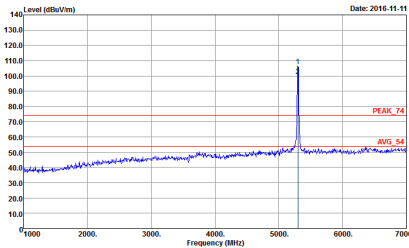
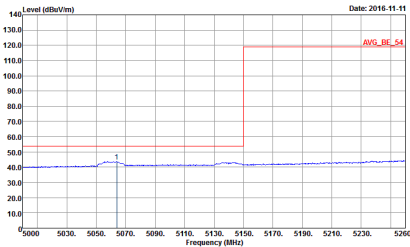


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
2	Vertical	Fundamental
Peak	 Site : 63CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 14	 Site : 63CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 14
Avg.	 Site : 63CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 14	Left blank

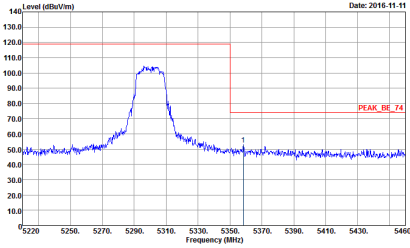
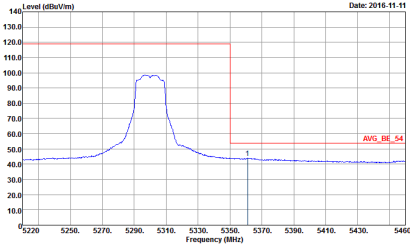


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 14	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 14	Left blank

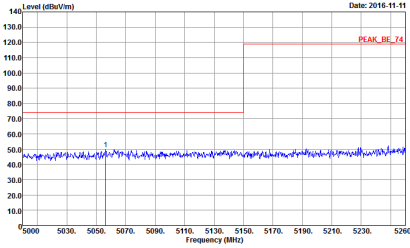
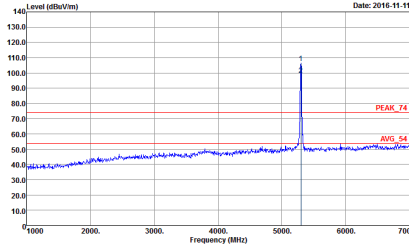
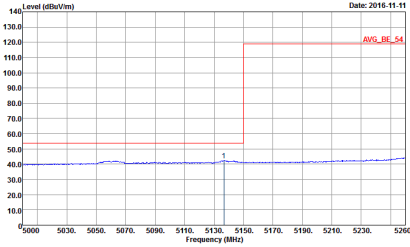


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 5K2711-09 Mode : 15	 Site : 03CH07-HY Condition : PEAK_T4 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 5K2711-09 Mode : 15
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : 5K2711-09 Mode : 15	Left blank

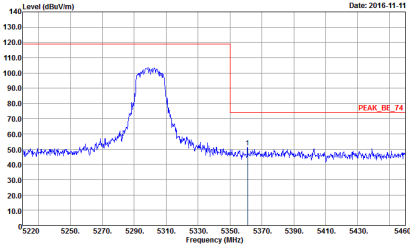
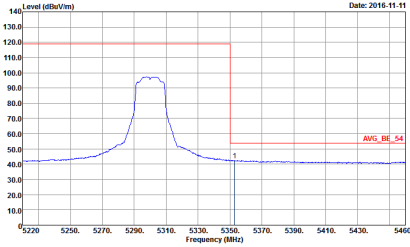


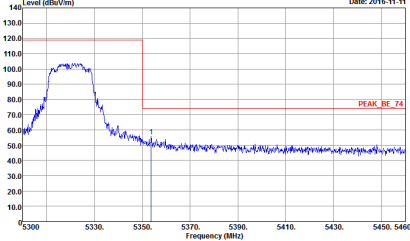
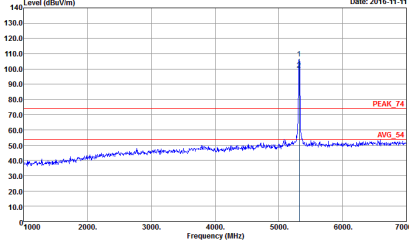
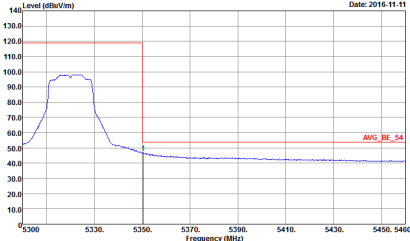
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
2	Horizontal	Vertical
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 15	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 15	Left blank



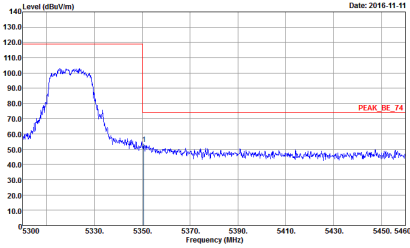
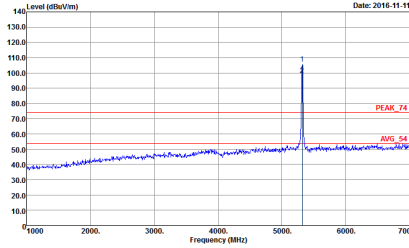
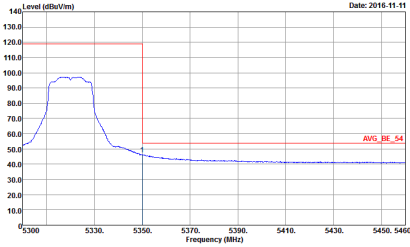
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 15	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 15
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 15	Left blank



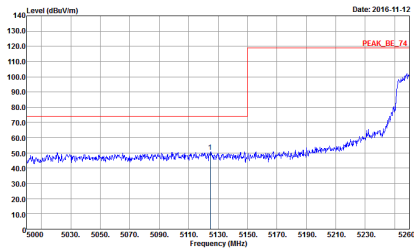
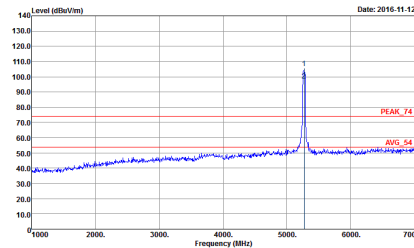
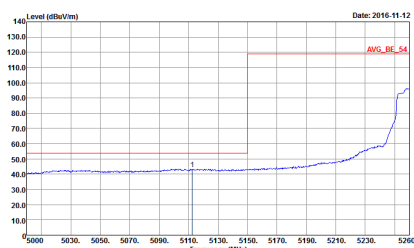
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 15	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 15	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : EN2711-09 Mode : 16	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : EN2711-09 Mode : 16
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : EN2711-09 Mode : 16	Left blank

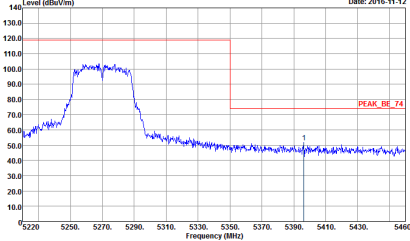
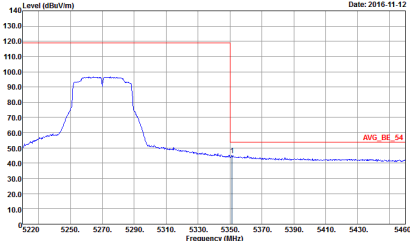


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Vertical	Fundamental
Peak	 Site : 63CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5K2711-09 Mode : 16	 Site : 63CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5K2711-09 Mode : 16
Avg.	 Site : 63CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5K2711-09 Mode : 16	Left blank

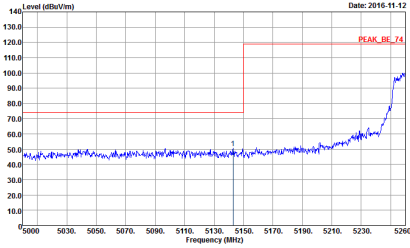
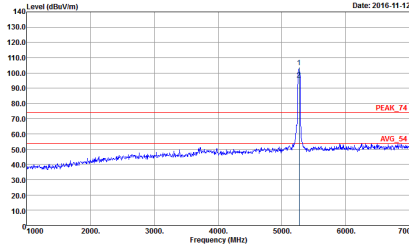
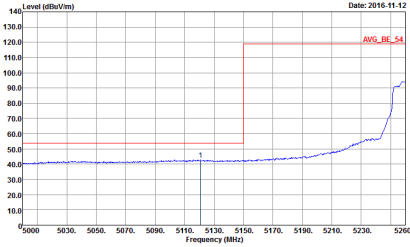
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-4Y Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SNZ711-09 Mode : 23	 Site : 03CH07-4Y Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SNZ711-09 Mode : 23
Avg.	 Site : 03CH07-4Y Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SNZ711-09 Mode : 23	Left blank

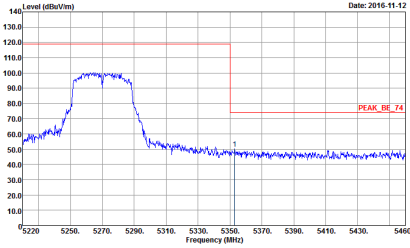
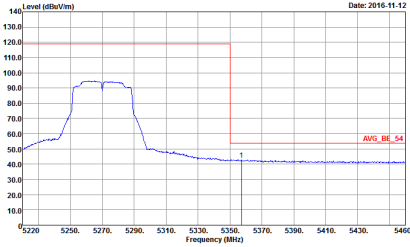


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 23	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 23	Left blank

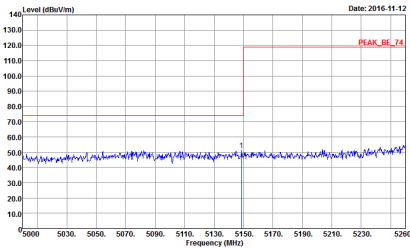
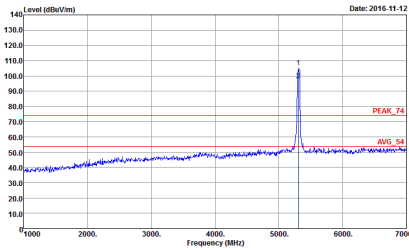
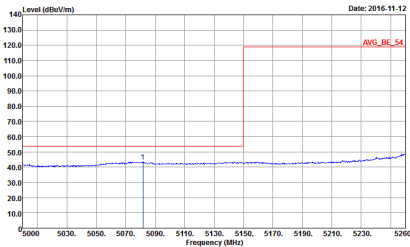


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
2	Vertical	Vertical
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 23	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 23
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 23	Left blank

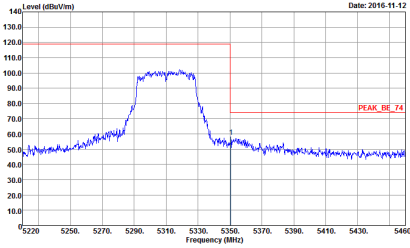
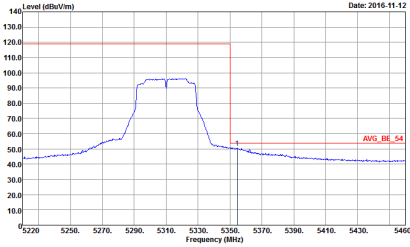


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
2	Vertical	Vertical
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 23	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 23	Left blank

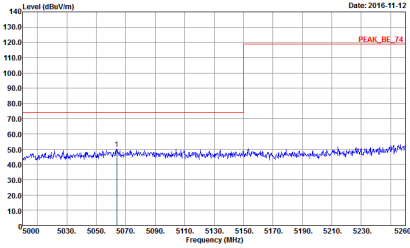
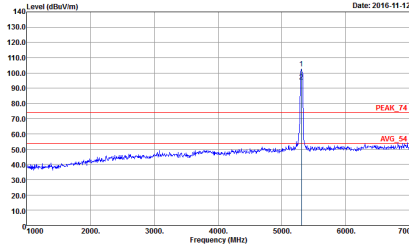
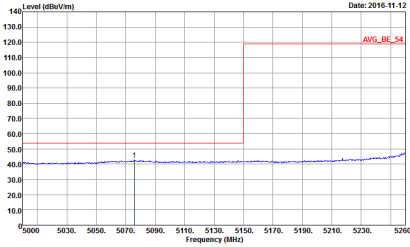


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 24	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 24
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 24	Left blank

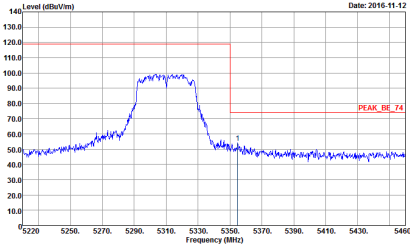
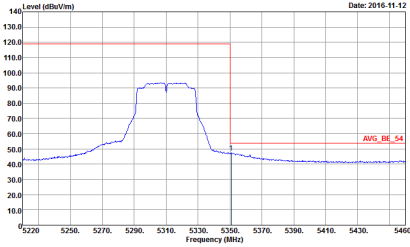


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 24	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 24	Left blank



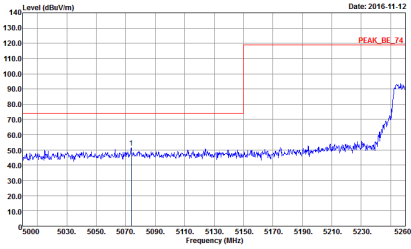
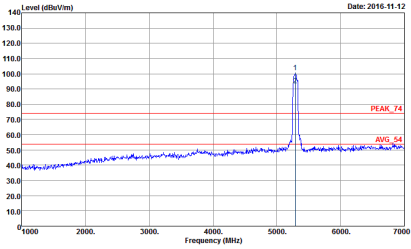
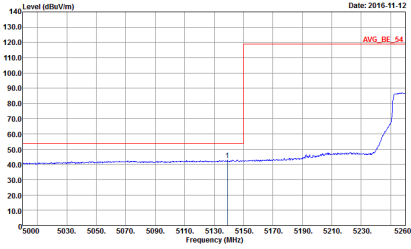
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 24	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 24
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 24	Left blank



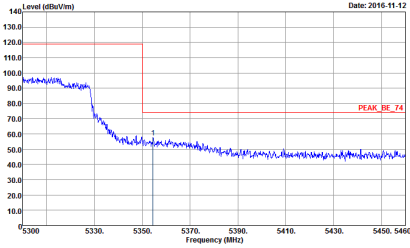
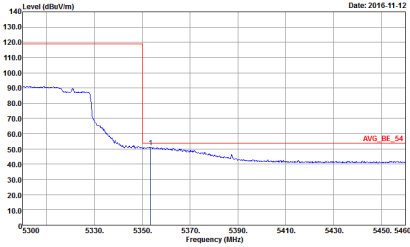
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 24	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 24	Left blank



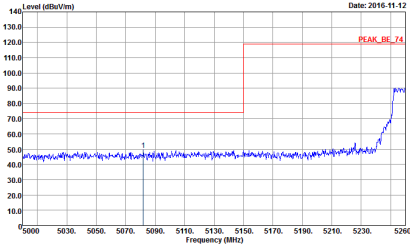
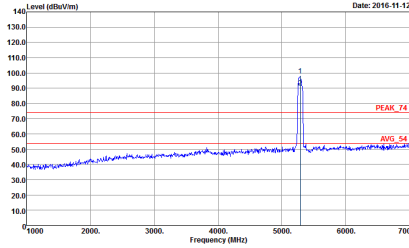
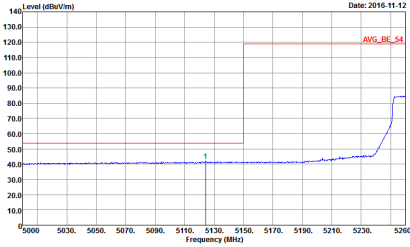
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12	Left blank

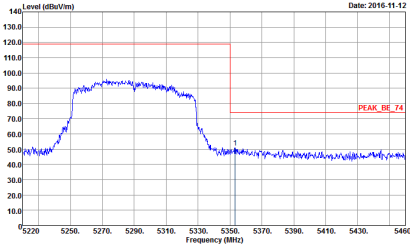
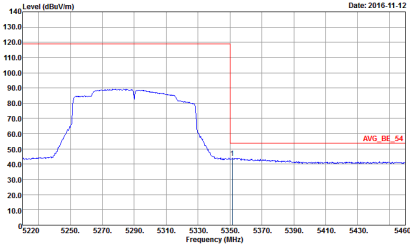


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
2	Vertical	Fundamental
Peak	 Site : 63CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12	 Site : 63CH07-HY Condition : PEAK_T4 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12
Avg.	 Site : 63CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12	Left blank



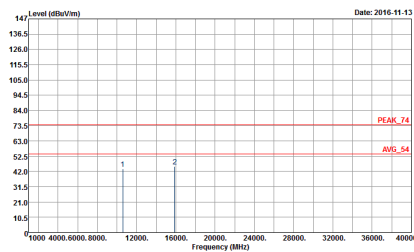
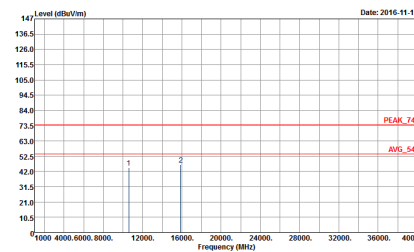
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 30 Setting : 12	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT: 130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 30 Setting : 12	Left blank



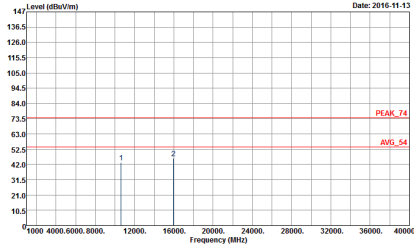
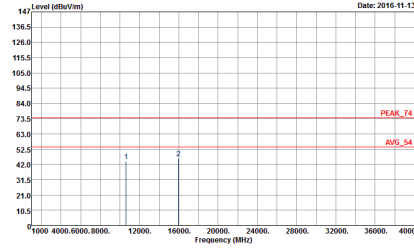
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 4	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 4



WIFI	Band 2 5250~5350MHz Harmonic @ 3m																					
ANT	802.11a CH60 5300MHz																					
2	Horizontal	Vertical																				
Peak Avg.	<table><tr><td>Site</td><td>: 03CH07-HY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m SHF-EHF_131029 HORIZONTAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: EN2711-09</td></tr><tr><td>Mode</td><td>: 5</td></tr></table>	Site	: 03CH07-HY	Condition	: PEAK_74 3m SHF-EHF_131029 HORIZONTAL	Detector	: Peak	Project	: EN2711-09	Mode	: 5	<table><tr><td>Site</td><td>: 03CH07-HY</td></tr><tr><td>Condition</td><td>: PEAK_74 3m SHF-EHF_131029 VERTICAL</td></tr><tr><td>Detector</td><td>: Peak</td></tr><tr><td>Project</td><td>: EN2711-09</td></tr><tr><td>Mode</td><td>: 5</td></tr></table>	Site	: 03CH07-HY	Condition	: PEAK_74 3m SHF-EHF_131029 VERTICAL	Detector	: Peak	Project	: EN2711-09	Mode	: 5
	Site	: 03CH07-HY																				
Condition	: PEAK_74 3m SHF-EHF_131029 HORIZONTAL																					
Detector	: Peak																					
Project	: EN2711-09																					
Mode	: 5																					
Site	: 03CH07-HY																					
Condition	: PEAK_74 3m SHF-EHF_131029 VERTICAL																					
Detector	: Peak																					
Project	: EN2711-09																					
Mode	: 5																					



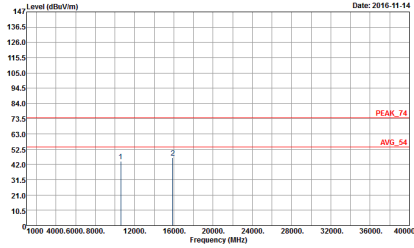
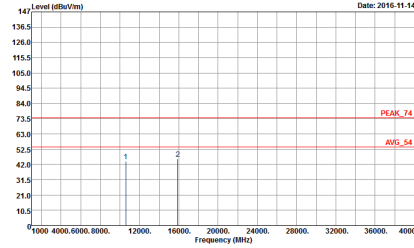
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : EN2711-09 Mode : 6	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : EN2711-09 Mode : 6



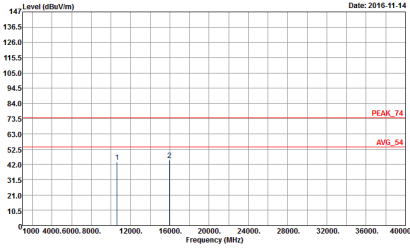
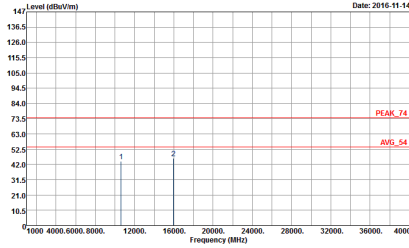
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 14	Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 14



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 15	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 15



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 16	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 16



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
2	Horizontal	Vertical
Peak Avg.	147 Level (dBuV/m) Date: 2016-11-14 136.5 126.0 115.5 105.0 94.5 84.0 73.5 63.0 52.5 42.0 31.5 21.0 10.5 4000 8000 12000 16000 20000 24000 28000 32000 36000 40000 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 23	147 Level (dBuV/m) Date: 2016-11-14 136.5 126.0 115.5 105.0 94.5 84.0 73.5 63.0 52.5 42.0 31.5 21.0 10.5 4000 8000 12000 16000 20000 24000 28000 32000 36000 40000 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 23



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-11-14 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 24	Level (dBuV/m) Date: 2016-11-14 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 24

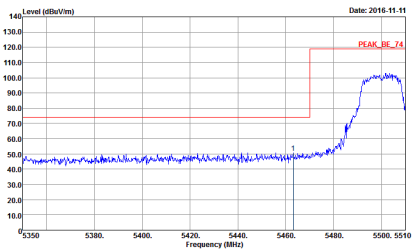
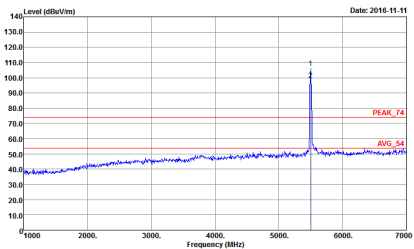
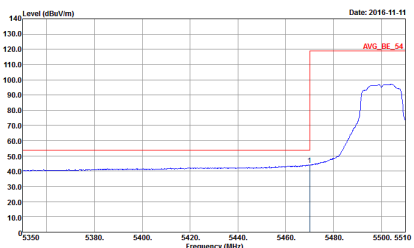


Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

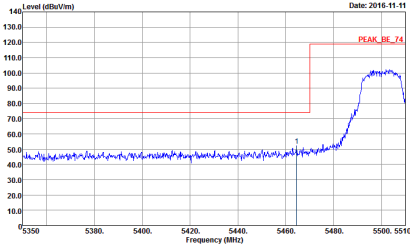
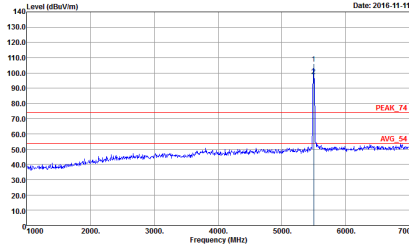
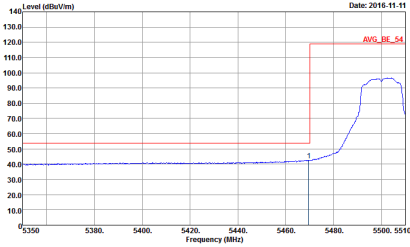
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-11-14 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12	Level (dBuV/m) Date: 2016-11-14 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 30 Setting : 12



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

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 7	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 7
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 7	Left blank

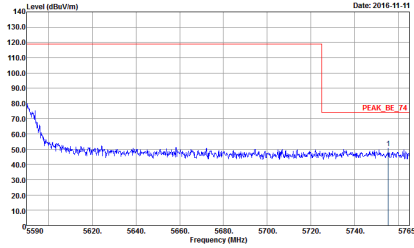
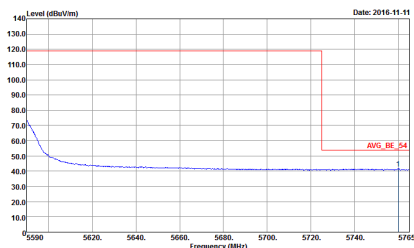


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 7	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 7
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 7	Left blank

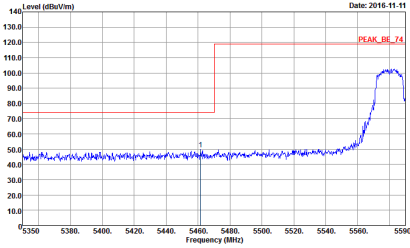
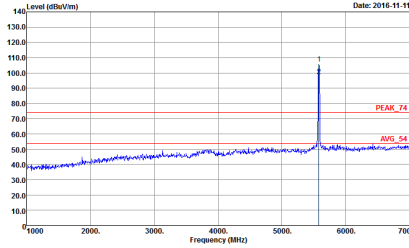
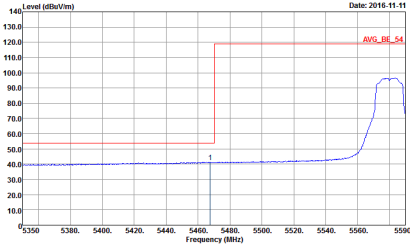


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SNZ711-09 Mode : 8	Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SNZ711-09 Mode : 8
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : SNZ711-09 Mode : 8	Left blank

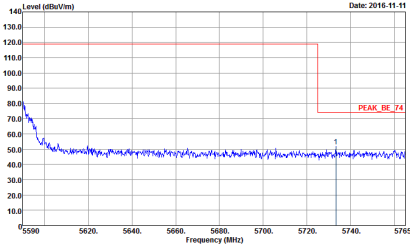
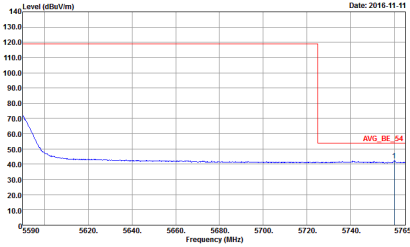


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak	 Date: 2016-11-11 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 8	Left blank
Avg.	 Date: 2016-11-11 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 8	Left blank

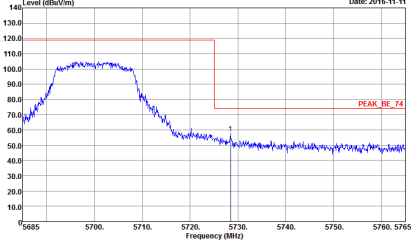
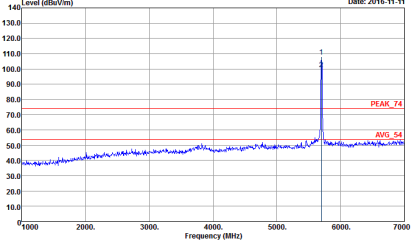
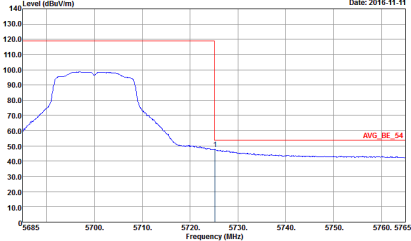


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 8	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 8
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : SN2711-09 Mode : 8	Left blank

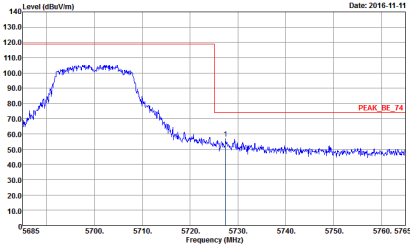
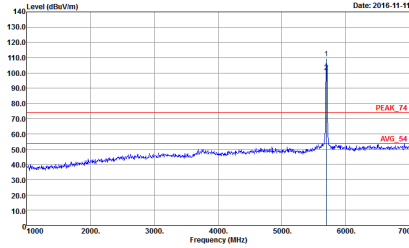
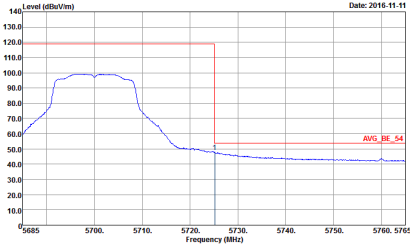


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 8	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : SNZ711-09 Mode : 8	Left blank



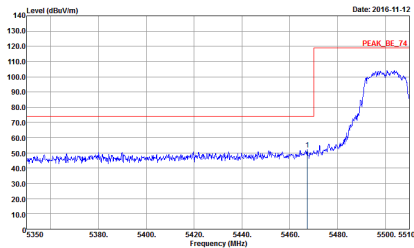
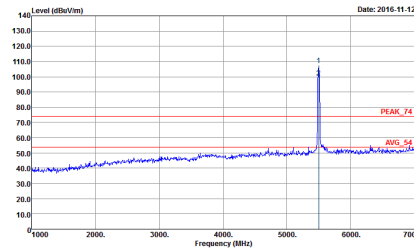
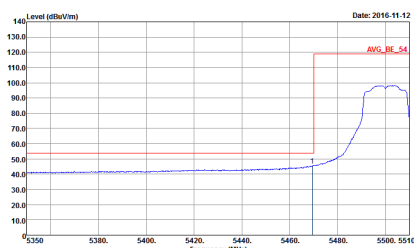
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 9	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 9
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 9	Left blank



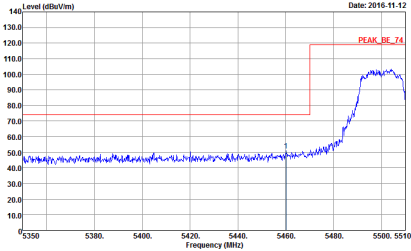
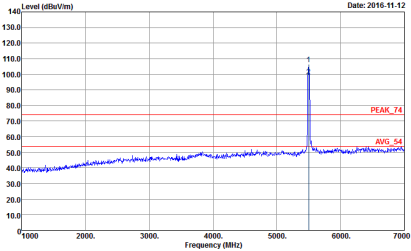
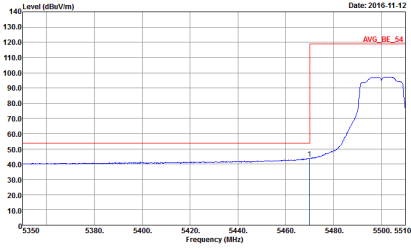
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 9	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 9
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 9	Left blank



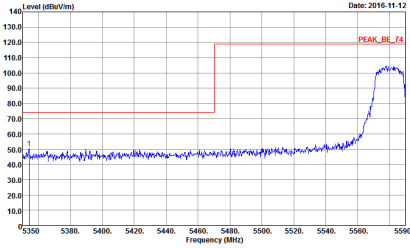
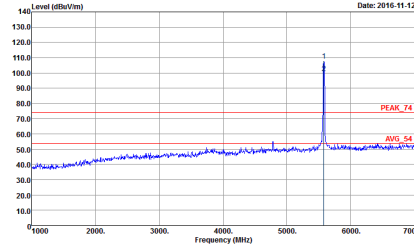
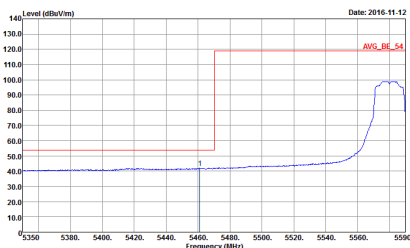
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-4Y Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 17	 Site : 03CH07-4Y Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 17
Avg.	 Site : 03CH07-4Y Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 17	Left blank

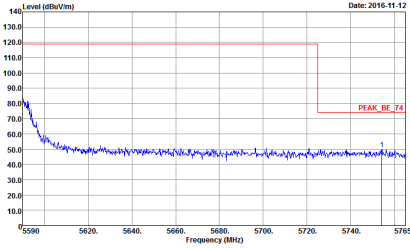
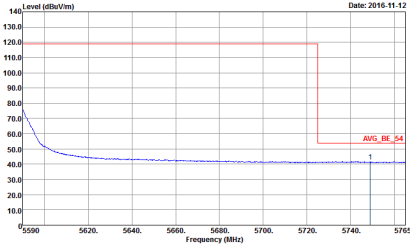


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_T4 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 17	 Site : 03CH07-HY Condition : PEAK_T4 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 17
Avg.	 Site : 03CH07-HY Condition : AVG_BE_S4 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 17	Left blank

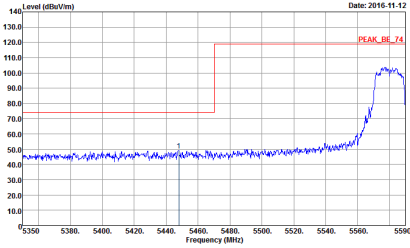
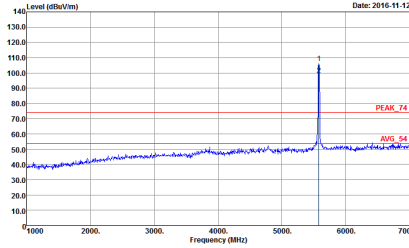
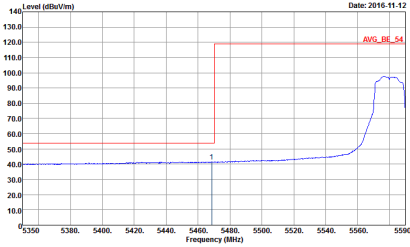


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Date: 2016-11-12 PEAK_BE_74 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 18	 Level (dBuV/m) Frequency (MHz) Date: 2016-11-12 PEAK_74 AVG_54 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 18
Avg.	 Level (dBuV/m) Frequency (MHz) Date: 2016-11-12 AVG_BE_54 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 18	Left blank

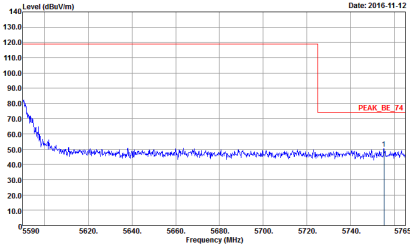
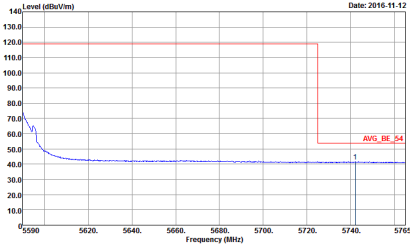


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : FR2711-09 Mode : 18	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : FR2711-09 Mode : 18	Left blank

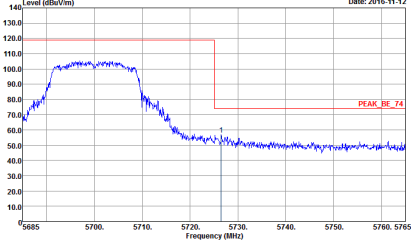
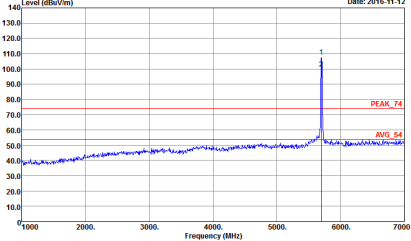
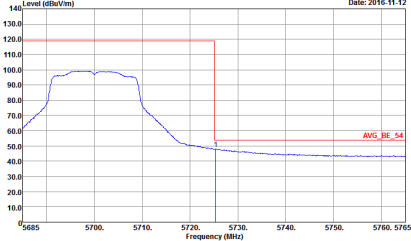


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 18	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 18
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 18	Left blank

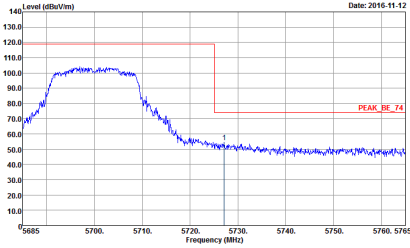
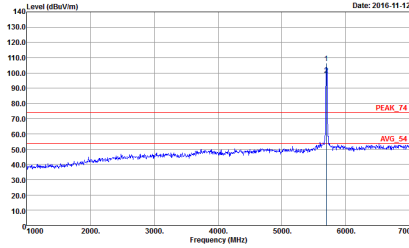
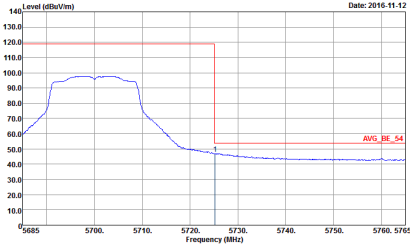


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : FR5N2711-09 Mode : 18	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : FR5N2711-09 Mode : 18	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Horizontal	Fundamental
Peak	 Site : 63CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5K2711-09 Mode : 19	 Site : 63CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5K2711-09 Mode : 19
Avg.	 Site : 63CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5K2711-09 Mode : 19	Left blank



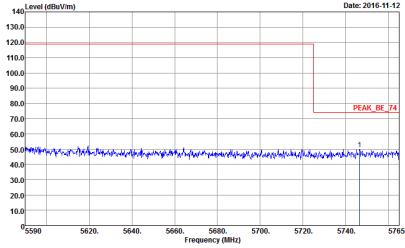
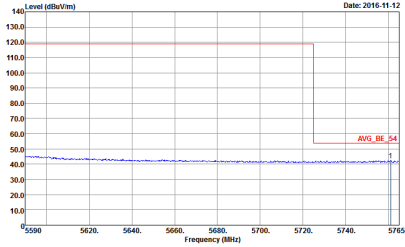
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Vertical	Fundamental
Peak.	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 19	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 19
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 1.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 19	Left blank



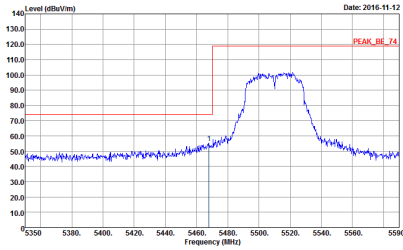
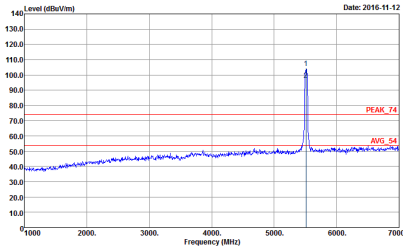
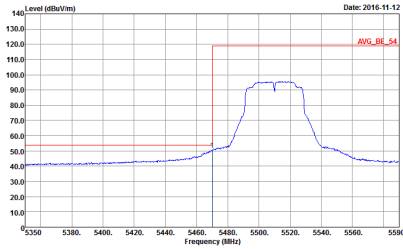
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : SNZ711-09 Mode : 25	Site : 03CH07-HY Condition : PEAK_F4 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : SNZ711-09 Mode : 25
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : SNZ711-09 Mode : 25	Left blank

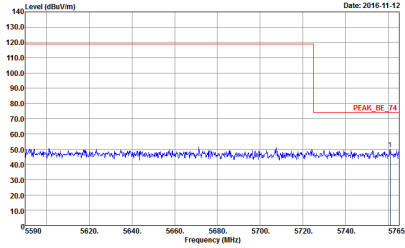
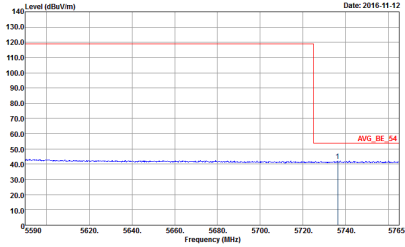


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT 130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SKZ711-09 Mode : 25	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT 130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SKZ711-09 Mode : 25	Left blank

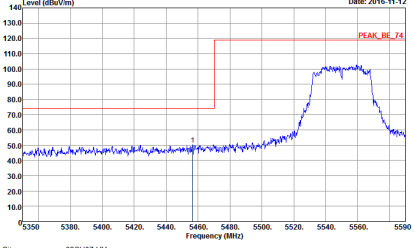
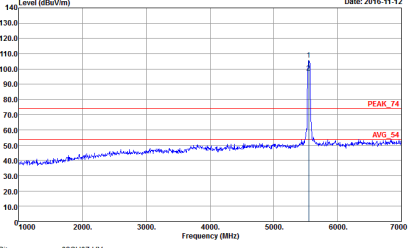
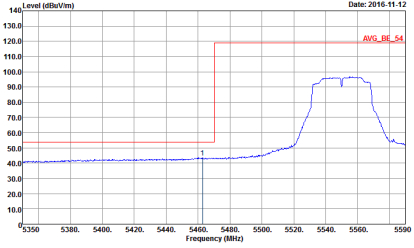


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 5K2711-09 Mode : 25	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 5K2711-09 Mode : 25
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 5K2711-09 Mode : 25	Left blank

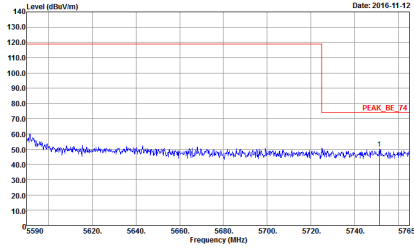
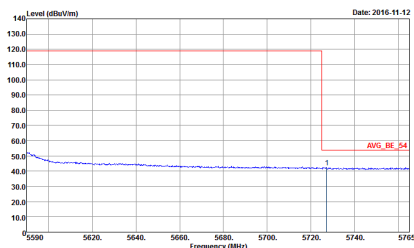


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SKZ711-09 Mode : 25	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SKZ711-09 Mode : 25	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 26	 Site : 03CH07-HY Condition : PEAK_T4 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 26
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 26	Left blank

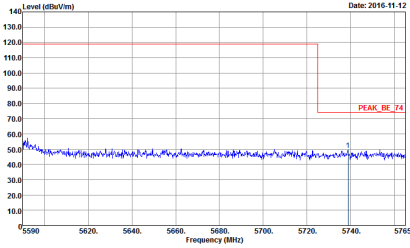
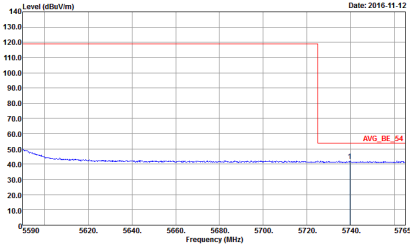


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
2	Horizontal	Fundamental
Peak	 Date: 2016-11-12 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 25	Left blank
Avg.	 Date: 2016-11-12 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 25	Left blank



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

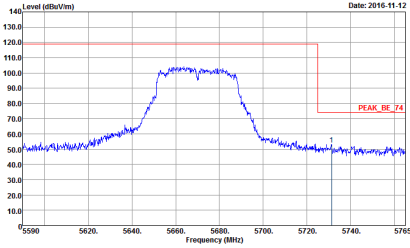
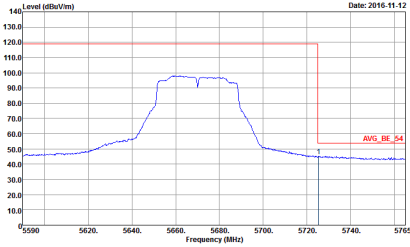


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 26	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : EN2711-09 Mode : 26	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 27	Site : 03CH07-HY Condition : PEAK_T4 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 27
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 27	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 27	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 27	Left blank