FCC RF Test Report

APPLICANT	:	**LC Future Center Limited Taiwan Branch**
EQUIPMENT	:	**Notebook**
BRAND NAME	:	**Lenovo**
MODEL NAME	:	**TP00086A**
FCC ID	:	**2AJN7-TP00086AUC**
STANDARD	:	**FCC Part 15 Subpart C §15.247**
CLASSIFICATION	:	**(DTS) Digital Transmission System**

Equipment: AirPrime EM7455 and Intel 8260NGW tested inside of Lenovo Notebook.

This is a partial report which is included the conducted emission and radiated emission test items. The product was received on Nov. 18, 2016 and testing was completed on Dec. 19, 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.

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR6N0822-08C	Rev. 01	Initial issue of report	Jan. 04, 2017

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 0.09 dB at 2483.520 MHz
3.2	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 14.80 dB at 0.478 MHz

1 General Description

1.1 Applicant

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

1.2 Manufacturer

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

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Notebook
Brand Name	Lenovo
Model Name	TP00086A
FCC ID	2AJN7-TP00086AUC
Sample 1	EUT with Antenna 1
Sample 2	EUT with Antenna 2
Integrated WWAN Module	Manufacturer: Sierra Wireles Brand Name: AirPrime Model Name: EM7455
Integrated WLAN Module	Brand Name: Intel Model Name: 8260NGW
EUT supports Radios application	WCDMA/HSPA/LTE WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
EUT Stage	Production Unit

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

1.4 Product Specification of Equipment Under Test

<table>
<tr><th colspan="2">Standards-related Product Specification</th></tr>
<tr><td>Tx/Rx Channel Frequency Range</td><td>2412 MHz ~ 2472 MHz</td></tr>
<tr><td>Type of Modulation</td><td>802.11b : DSSS (DBPSK / DQPSK / CCK)
802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)</td></tr>
<tr><td>Antenna Function for Transmitter</td><td>
<table>
<tr><td></td><td>Ant. 1</td><td>Ant. 2</td></tr>
<tr><td>802.11 b/g/n</td><td>V</td><td>V</td></tr>
<tr><td>802.11 n MIMO</td><td>V</td><td>V</td></tr>
</table>
</td></tr>
</table>

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.

<table>
<tr><td>Test Site</td><td colspan="2">SPORTON INTERNATIONAL INC.</td></tr>
<tr><td>Test Site Location</td><td colspan="2">No. 52, Hwa Ya 1st 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</td></tr>
<tr><td rowspan="2">Test Site No.</td><td colspan="2">Sporton Site No.</td></tr>
<tr><td>CO05-HY</td><td>03CH07-HY</td></tr>
</table>

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 C §15.247
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r05
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

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

2 Test Configuration of Equipment Under Test

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).

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	1	2412	8	2447
	2	2417	9	2452
	3	2422	10	2457
	4	2427	11	2462
	5	2432	12	2467
	6	2437	13	2472
	7	2442	-	-

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
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0

MIMO Antenna

Modulation	Data Rate
802.11n HT20	MCS0
802.11n HT40	MCS0

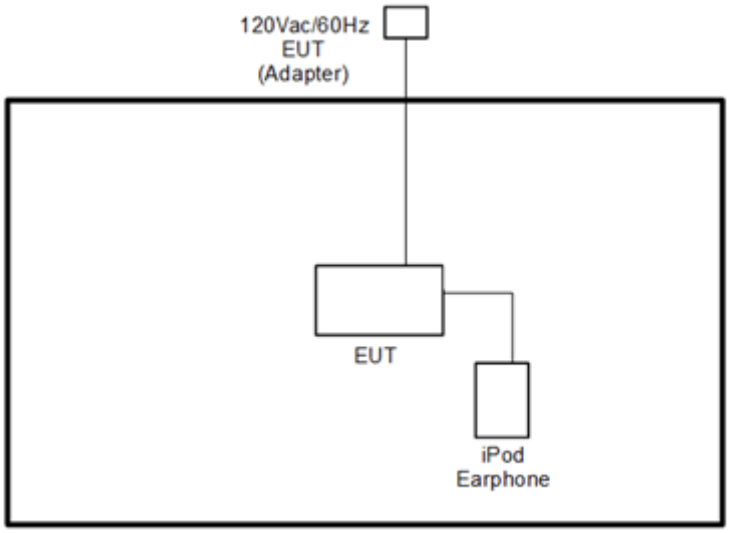
Test Cases	
AC Conducted Emission	Mode 1: Bluetooth Link + TF + TC Mode 2: WLAN (2.4GHz) Link + TF + TC

Remark:

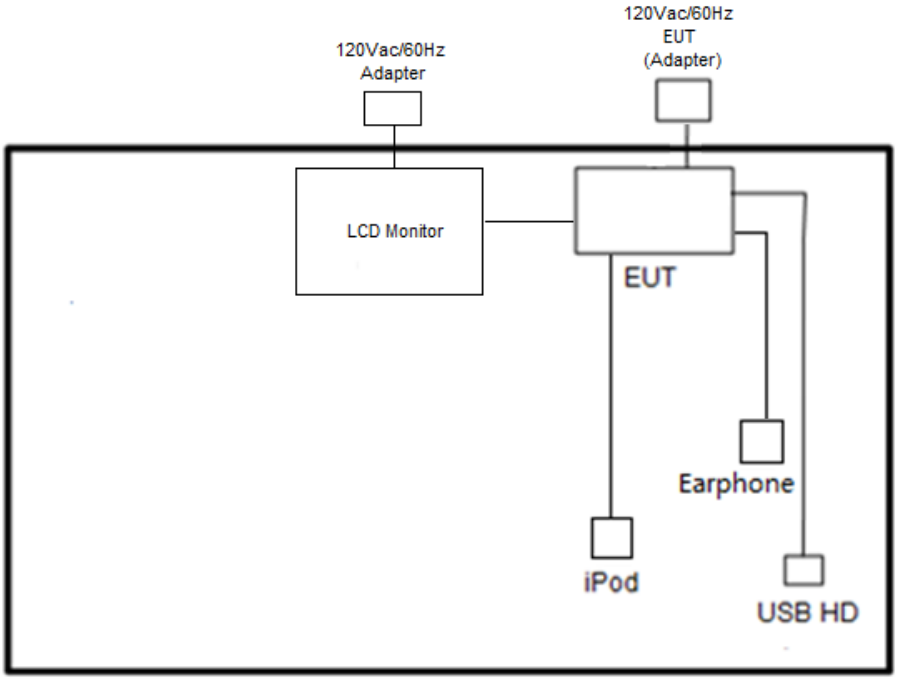
1. The worst case of conducted emission is mode 2; only the test data of it was reported.
2. All the test cases were performed with sample 2.
3. TF stands for Test Function, and consists of MPEG4 and Camera.
4. TC stands for Test Configuration, and consists of Earphone, USB HD, iPod, Adapter, SD Card, and HDMI.

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.	LCD Monitor	DELL	U2410	FCC DoC	Shielded, 1.6 m	Unshielded, 1.8 m
2.	iPod	Apple	A1285	DoC	Shielded, 1.0m	N/A
3.	Earphone	lenovo	TS300-01MS21-8S	FCC DoC	Unshielded,1.2m	N/A
4.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
5.	HD USB	lenovo	F310S	FCC DoC	Shielded, 0.5m	N/A
6.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The programmed RF utility “Tx 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 Radiated Band Edges and Spurious Emission Measurement

3.1.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the FCC section 15.209 limits as below.

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

3.1.2 Measuring Instruments

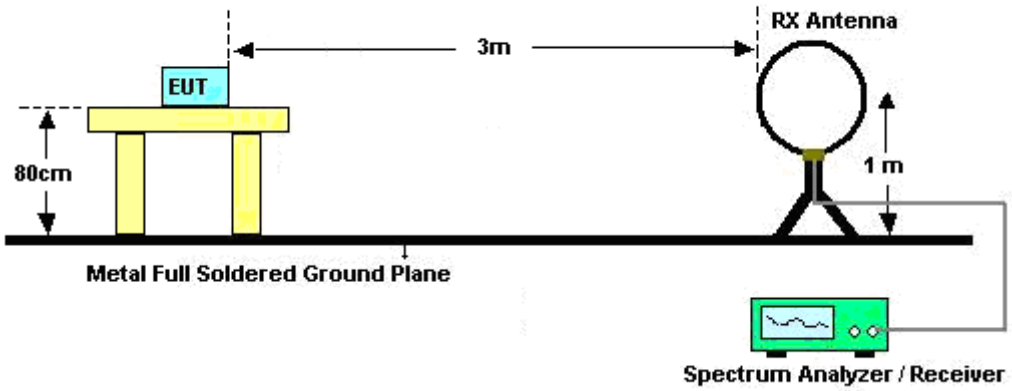
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

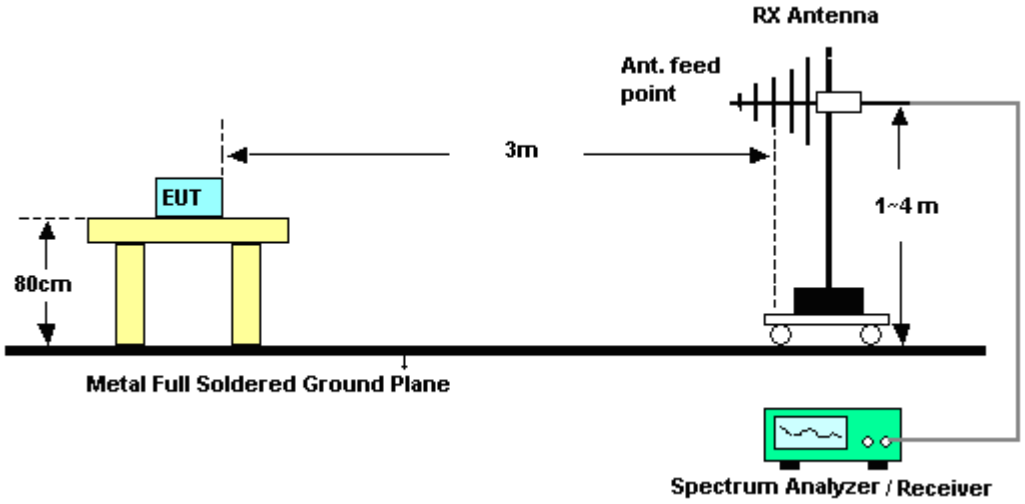
1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r05.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. 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.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.1.4 Test Setup

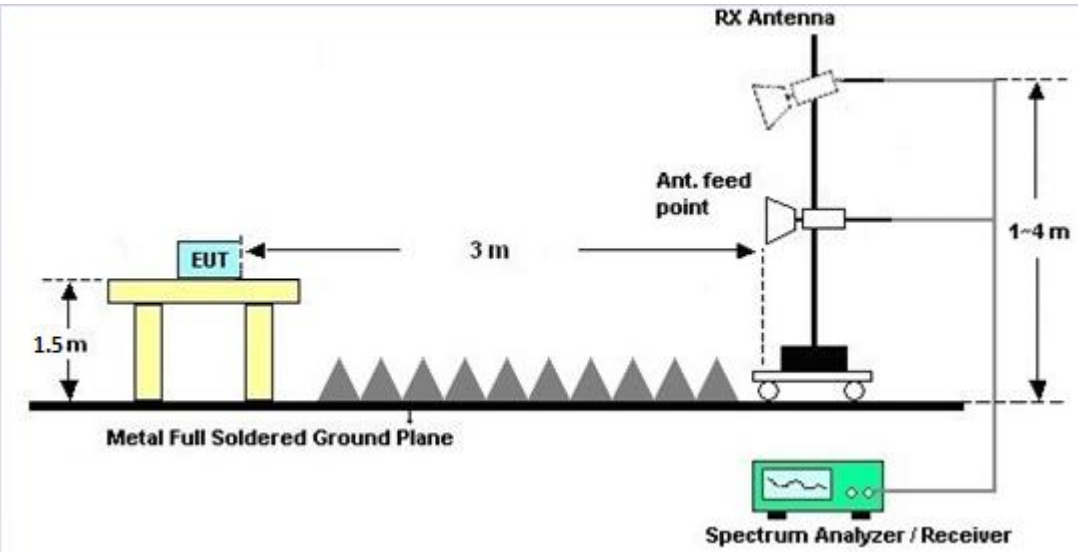
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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 Emission (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 (dBμV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

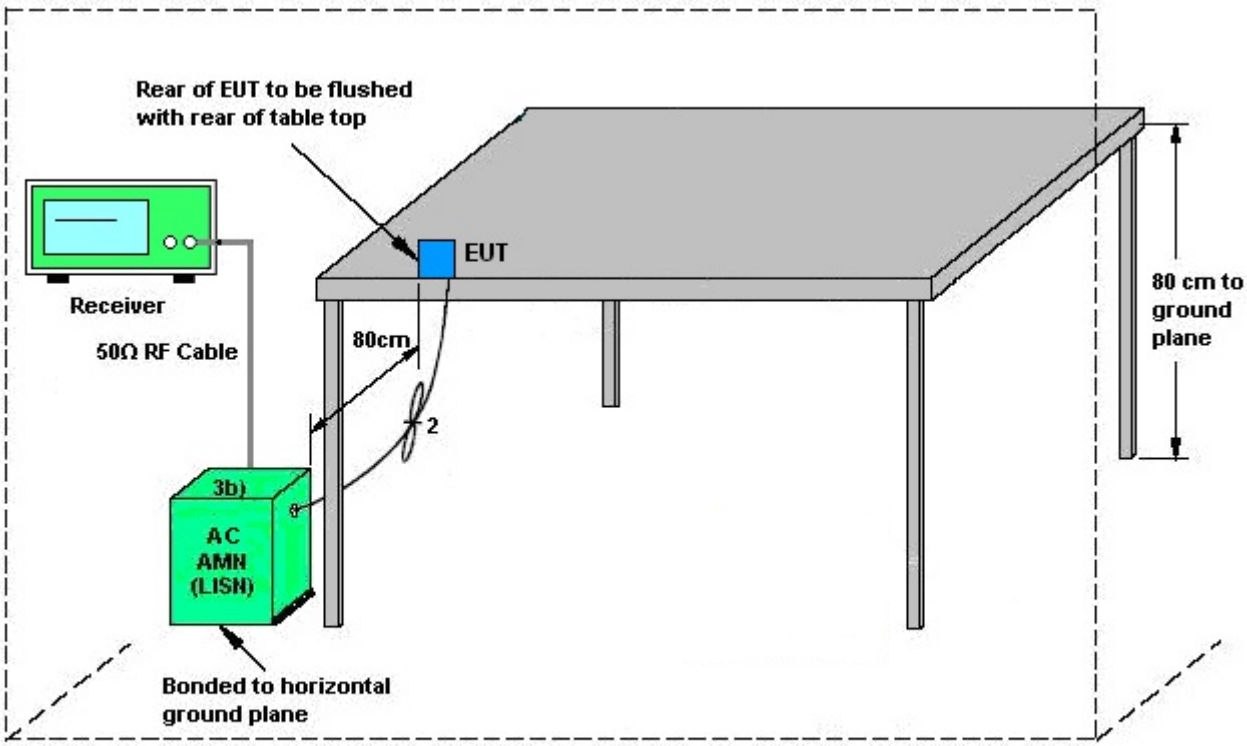
3.2.2 Measuring Instruments

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, and it 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 (IF bandwidth = 9kHz) with Maximum Hold Mode.

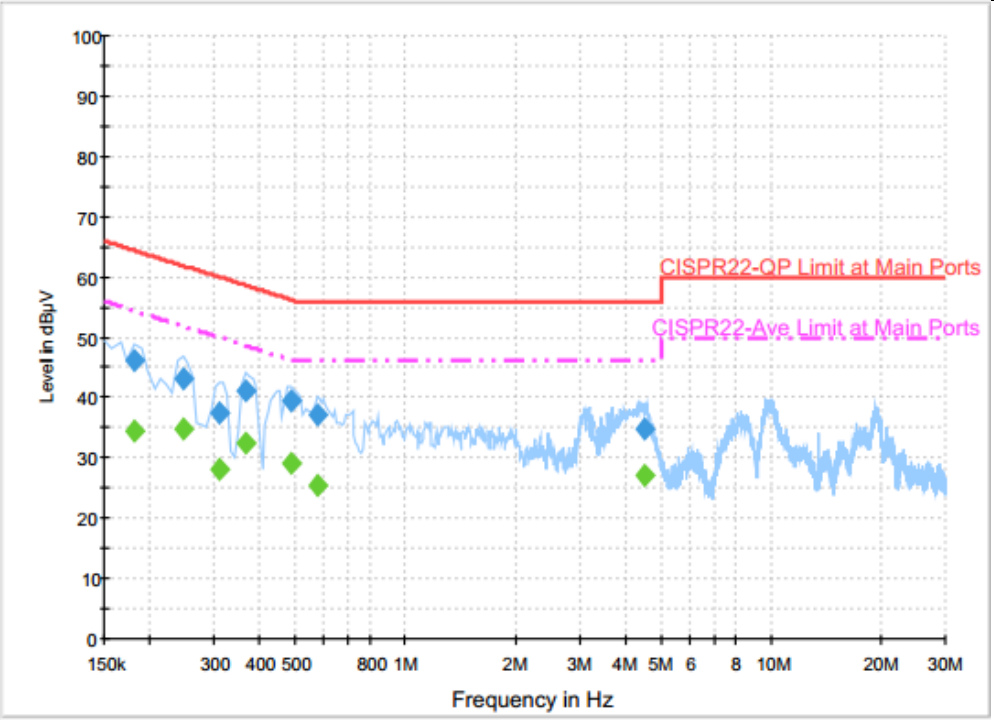
3.2.4 Test Setup



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

3.2.5 Test Result of AC Conducted Emission

Test Mode :	Mode 2	**Temperature :**	22~24℃
Test Engineer :	Arthur Hsieh	**Relative Humidity :**	50~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Function Type :	WLAN (2.4GHz) Link + TF + TC		



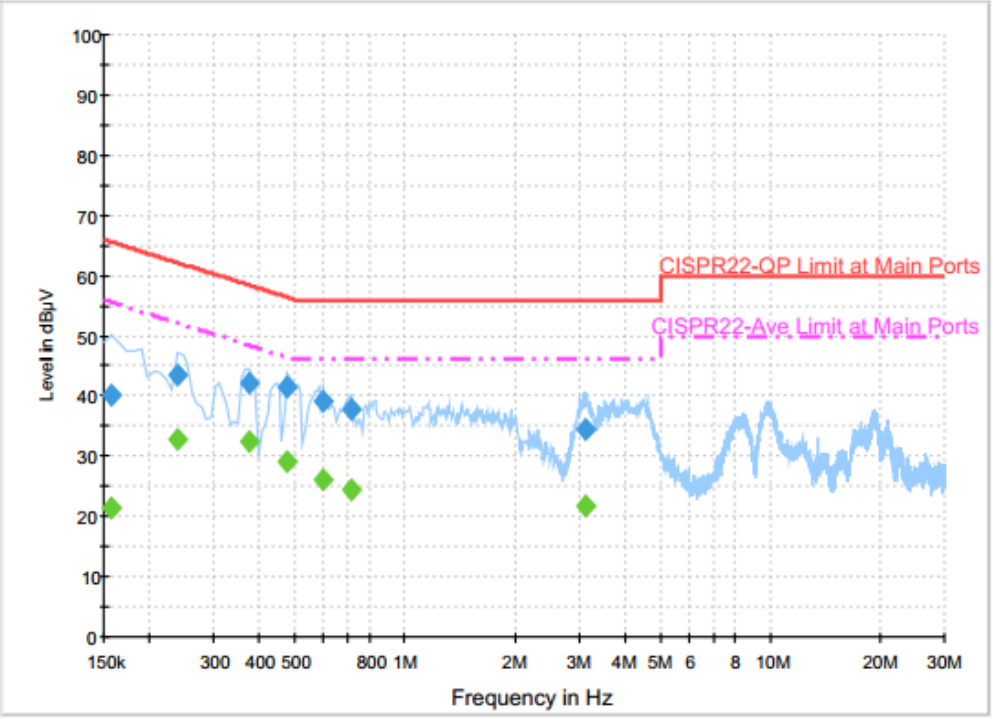
Final Result : Quasi-Peak

Frequency (MHz)	Quasi-Peak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.182000	46.2	Off	L1	19.6	18.2	64.4
0.246000	43.1	Off	L1	19.6	18.8	61.9
0.310000	37.4	Off	L1	19.6	22.6	60.0
0.366000	41.0	Off	L1	19.6	17.6	58.6
0.486000	39.3	Off	L1	19.5	16.9	56.2
0.574000	37.2	Off	L1	19.6	18.8	56.0
4.494000	34.8	Off	L1	19.6	21.2	56.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.182000	34.3	Off	L1	19.6	20.1	54.4
0.246000	34.6	Off	L1	19.6	17.3	51.9
0.310000	28.0	Off	L1	19.6	22.0	50.0
0.366000	32.5	Off	L1	19.6	16.1	48.6
0.486000	29.2	Off	L1	19.5	17.0	46.2
0.574000	25.5	Off	L1	19.6	20.5	46.0
4.494000	27.0	Off	L1	19.6	19.0	46.0

Test Mode :	Mode 2	Temperature :	22~24℃
Test Engineer :	Arthur Hsieh	Relative Humidity :	50~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	WLAN (2.4GHz) Link + TF + TC		



Final Result : Quasi-Peak

Frequency (MHz)	Quasi-Peak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	40.1	Off	N	19.5	25.5	65.6
0.238000	43.5	Off	N	19.5	18.7	62.2
0.374000	42.0	Off	N	19.5	16.4	58.4
0.478000	41.6	Off	N	19.5	14.8	56.4
0.598000	39.1	Off	N	19.5	16.9	56.0
0.710000	37.7	Off	N	19.5	18.3	56.0
3.142000	34.3	Off	N	19.5	21.7	56.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	21.4	Off	N	19.5	34.2	55.6
0.238000	32.8	Off	N	19.5	19.4	52.2
0.374000	32.4	Off	N	19.5	16.0	48.4
0.478000	29.0	Off	N	19.5	17.4	46.4
0.598000	26.2	Off	N	19.5	19.8	46.0
0.710000	24.5	Off	N	19.5	21.5	46.0
3.142000	21.9	Off	N	19.5	24.1	46.0

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 19, 2016	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Dec. 19, 2016	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 29, 2016	Dec. 19, 2016	Nov. 28, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 06, 2016	Dec. 19, 2016	Dec. 05, 2017	Conduction (CO05-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	35419&03	30MHz to 1GHz	Jan. 13, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Jan. 12, 2017	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 19, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Aug. 18, 2017	Radiation (03CH07-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20Hz ~ 8.4GHz	Oct. 26, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Oct. 25, 2017	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Sep. 02, 2015	Dec. 14, 2016 ~ Dec. 16, 2016	Sep. 01, 2017	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz ~ 18GHz	Apr. 15, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Apr. 14, 2017	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1GHz	Mar. 18, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Mar. 17, 2017	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Oct. 12, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Oct. 11, 2017	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Feb. 27, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Feb. 26, 2017	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Dec. 14, 2016 ~ Dec. 16, 2016	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Dec. 14, 2016 ~ Dec. 16, 2016	N/A	Radiation (03CH07-HY)
Preamplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	Jun. 14, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Jun. 13, 2017	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 08, 2016	Dec. 14, 2016 ~ Dec. 16, 2016	Nov. 07, 2017	Radiation (03CH07-HY)

5 Uncertainty of Evaluation

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.70**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.50**

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

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

Appendix A. Radiated Spurious Emission

Test Engineer :	Jesse Wang, James Chiu, and Daniel Lee	Temperature :	21~23°C
		Relative Humidity :	47~51%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)
802.11b CH 01 2412MHz		2386.86	54.29	-19.71	74	49.76	32.19	7.31	34.97	358	114	P	H
		2385.18	45.31	-8.69	54	40.83	32.14	7.31	34.97	358	114	A	H
	*	2412	103.62	-	-	99.05	32.24	7.31	34.98	358	114	P	H
	*	2412	98.79	-	-	94.22	32.24	7.31	34.98	358	114	A	H
													H
													H
		2372.265	56.02	-17.98	74	51.61	32.14	7.24	34.97	358	155	P	V
		2386.545	48.06	-5.94	54	43.53	32.19	7.31	34.97	358	155	A	V
	*	2412	108.01	-	-	103.44	32.24	7.31	34.98	358	155	P	V
	*	2412	103.53	-	-	98.96	32.24	7.31	34.98	358	155	A	V
													V
													V
802.11b CH 06 2437MHz		2382.8	54.54	-19.46	74	50.06	32.14	7.31	34.97	359	123	P	H
		2387	44.25	-9.75	54	39.72	32.19	7.31	34.97	359	123	A	H
	*	2437	102.16	-	-	97.45	32.34	7.36	34.99	359	123	P	H
	*	2437	98.98	-	-	94.27	32.34	7.36	34.99	359	123	A	H
		2494.47	55.14	-18.86	74	50.25	32.5	7.4	35.01	359	123	P	H
		2490.27	44.22	-9.78	54	39.32	32.5	7.4	35	359	123	A	H
		2388.96	55.04	-18.96	74	50.51	32.19	7.31	34.97	362	154	P	V
		2362.64	45.02	-8.98	54	40.66	32.09	7.24	34.97	362	154	A	V
	*	2437	106.16	-	-	101.45	32.34	7.36	34.99	362	154	P	V
	*	2437	102.94	-	-	98.23	32.34	7.36	34.99	362	154	A	V
		2490.27	55.97	-18.03	74	51.07	32.5	7.4	35	362	154	P	V
		2491.11	44.62	-9.38	54	39.72	32.5	7.4	35	362	154	A	V

802.11b CH 11 2462MHz	*	2462	103.04	-	-	98.23	32.4	7.4	34.99	345	118	P	H
	*	2462	99.95	-	-	95.14	32.4	7.4	34.99	345	118	A	H
		2485.84	55.86	-18.14	74	51.01	32.45	7.4	35	345	118	P	H
		2488.84	45.62	-8.38	54	40.72	32.5	7.4	35	345	118	A	H
													H
													H
	*	2462	105.16	-	-	100.35	32.4	7.4	34.99	346	155	P	V
	*	2462	102.14	-	-	97.33	32.4	7.4	34.99	346	155	A	V
		2484.52	56.45	-17.55	74	51.6	32.45	7.4	35	346	155	P	V
		2487.68	47.38	-6.62	54	42.48	32.5	7.4	35	346	155	A	V
													V
													V
802.11b CH 12 2467MHz	*	2467	103.1	-	-	98.3	32.4	7.4	35	345	118	P	H
	*	2467	99.97	-	-	95.17	32.4	7.4	35	345	118	A	H
		2483.6	55.64	-18.36	74	50.79	32.45	7.4	35	345	118	P	H
		2484.08	48.12	-5.88	54	43.27	32.45	7.4	35	345	118	A	H
													H
													H
	*	2467	104.79	-	-	99.99	32.4	7.4	35	347	154	P	V
	*	2467	101.46	-	-	96.66	32.4	7.4	35	347	154	A	V
		2484.04	57.04	-16.96	74	52.19	32.45	7.4	35	347	154	P	V
		2484.04	48.3	-5.7	54	43.45	32.45	7.4	35	347	154	A	V
													V
													V

802.11b CH 13 2472MHz	*	2472	95.06	-	-	90.21	32.45	7.4	35	345	122	P	H
	*	2472	91.74	-	-	86.89	32.45	7.4	35	345	122	A	H
		2487.56	58.1	-15.9	74	53.2	32.5	7.4	35	345	122	P	H
		2486.8	51.47	-2.53	54	46.62	32.45	7.4	35	345	122	A	H
													H
													H
	*	2472	96.63	-	-	91.78	32.45	7.4	35	348	153	P	V
	*	2472	93.6	-	-	88.75	32.45	7.4	35	348	153	A	V
		2487.4	59.24	-14.76	74	54.39	32.45	7.4	35	348	153	P	V
		2486.84	53.77	-0.23	54	48.92	32.45	7.4	35	348	153	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)
802.11b CH 01 2412MHz		4824	39.46	-34.54	74	53.18	33.64	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	43.56	-30.44	74	57.28	33.64	11.68	59.04	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4872	38.34	-35.66	74	52.21	33.54	11.53	58.94	100	0	P	H
		7308	39.19	-34.81	74	48.62	34.69	13.81	57.93	100	0	P	H
													H
													H
		4872	42.58	-31.42	74	56.45	33.54	11.53	58.94	100	0	P	V
		7308	40.1	-33.9	74	49.53	34.69	13.81	57.93	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4924	39.14	-34.86	74	53.17	33.44	11.37	58.84	100	0	P	H
		7386	40.23	-33.77	74	49.87	34.47	13.95	58.06	100	0	P	H
													H
													H
		4924	43.19	-30.81	74	57.22	33.44	11.37	58.84	100	0	P	V
		7386	41.31	-32.69	74	50.95	34.47	13.95	58.06	100	0	P	V
													V
													V

802.11b CH 12 2467MHz		4934	38.83	-35.17	74	52.86	33.44	11.37	58.84	100	0	P	H
		7401	40.25	-33.75	74	49.96	34.42	13.95	58.08	100	0	P	H
													H
													H
		4934	44.24	-29.76	74	58.27	33.44	11.37	58.84	100	0	P	V
		7401	40.51	-33.49	74	50.22	34.42	13.95	58.08	100	0	P	V
													V
													V
802.11b CH 13 2472MHz		4944	38.46	-35.54	74	52.64	33.4	11.22	58.8	100	0	P	H
		7416	38.28	-35.72	74	47.99	34.42	13.95	58.08	100	0	P	H
													H
													H
		4944	40.9	-33.1	74	55.08	33.4	11.22	58.8	100	0	P	V
		7416	38.15	-35.85	74	47.86	34.42	13.95	58.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 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)
802.11g CH 01 2412MHz		2389.485	56.74	-17.26	74	52.21	32.19	7.31	34.97	366	134	P	H
		2390	45.71	-8.29	54	41.19	32.19	7.31	34.98	366	134	A	H
	*	2412	105.68	-	-	101.11	32.24	7.31	34.98	366	134	P	H
	*	2412	97.79	-	-	93.22	32.24	7.31	34.98	366	134	A	H
													H
													H
		2389.905	59.4	-14.6	74	54.88	32.19	7.31	34.98	358	153	P	V
		2390	48.36	-5.64	54	43.84	32.19	7.31	34.98	358	153	A	V
	*	2412	109	-	-	104.43	32.24	7.31	34.98	358	153	P	V
	*	2412	101.7	-	-	97.13	32.24	7.31	34.98	358	153	A	V
													V
													V
802.11g CH 06 2437MHz		2370.62	54.56	-19.44	74	50.15	32.14	7.24	34.97	359	124	P	H
		2389.94	44.12	-9.88	54	39.6	32.19	7.31	34.98	359	124	A	H
	*	2437	105.11	-	-	100.4	32.34	7.36	34.99	359	124	P	H
	*	2437	97.42	-	-	92.71	32.34	7.36	34.99	359	124	A	H
		2499.93	54.54	-19.46	74	49.65	32.5	7.4	35.01	359	124	P	H
		2484.81	44.21	-9.79	54	39.36	32.45	7.4	35	359	124	A	H
		2389.94	56.31	-17.69	74	51.79	32.19	7.31	34.98	359	154	P	V
		2364.74	44.69	-9.31	54	40.33	32.09	7.24	34.97	359	154	A	V
	*	2437	109.09	-	-	104.38	32.34	7.36	34.99	359	154	P	V
	*	2437	101.33	-	-	96.62	32.34	7.36	34.99	359	154	A	V
		2487.68	55.12	-18.88	74	50.22	32.5	7.4	35	359	154	P	V
		2491.11	44.53	-9.47	54	39.63	32.5	7.4	35	359	154	A	V

	*	2462	105.99	-	-	101.18	32.4	7.4	34.99	345	120	P	H
	*	2462	98.32	-	-	93.51	32.4	7.4	34.99	345	120	A	H
		2486.52	55.77	-18.23	74	50.92	32.45	7.4	35	345	120	P	H
		2483.56	46.28	-7.72	54	41.43	32.45	7.4	35	345	120	A	H
													H
802.11g													H
CH 11	*	2462	108.05	-	-	103.24	32.4	7.4	34.99	346	154	P	V
2462MHz	*	2462	100.34	-	-	95.53	32.4	7.4	34.99	346	154	A	V
		2484.08	57.44	-16.56	74	52.59	32.45	7.4	35	346	154	P	V
		2483.52	46.75	-7.25	54	41.9	32.45	7.4	35	346	154	A	V
													V
													V
	*	2467	105.81	-	-	101.01	32.4	7.4	35	344	121	P	H
	*	2467	97.97	-	-	93.17	32.4	7.4	35	344	121	A	H
		2483.68	65.04	-8.96	74	60.19	32.45	7.4	35	344	121	P	H
		2483.52	51.55	-2.45	54	46.7	32.45	7.4	35	344	121	A	H
													H
802.11g													H
CH 12	*	2467	107.4	-	-	102.6	32.4	7.4	35	346	152	P	V
2467MHz	*	2467	99.8	-	-	95	32.4	7.4	35	346	152	A	V
		2484.24	67.11	-6.89	74	62.26	32.45	7.4	35	346	152	P	V
		2483.52	53.63	-0.37	54	48.78	32.45	7.4	35	346	152	A	V
													V
													V

802.11g CH 13 2472MHz	*	2472	90.33	-	-	85.48	32.45	7.4	35	346	119	P	H
	*	2472	82.48	-	-	77.63	32.45	7.4	35	346	119	A	H
		2484.24	64.38	-9.62	74	59.53	32.45	7.4	35	346	119	P	H
		2483.52	52.08	-1.92	54	47.23	32.45	7.4	35	346	119	A	H
													H
													H
	*	2472	92.15	-	-	87.3	32.45	7.4	35	346	153	P	V
	*	2472	84.4	-	-	79.55	32.45	7.4	35	346	153	A	V
		2483.88	66.57	-7.43	74	61.72	32.45	7.4	35	346	153	P	V
		2483.52	53.91	-0.09	54	49.06	32.45	7.4	35	346	153	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 01 2412MHz		4824	38.93	-35.07	74	52.65	33.64	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	40.73	-33.27	74	54.45	33.64	11.68	59.04	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	38.93	-35.07	74	52.8	33.54	11.53	58.94	100	0	P	H
		7311	40.01	-33.99	74	49.44	34.69	13.81	57.93	100	0	P	H
													H
													H
		4874	39.18	-34.82	74	53.05	33.54	11.53	58.94	100	0	P	V
		7311	40.95	-33.05	74	50.38	34.69	13.81	57.93	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	38.66	-35.34	74	52.69	33.44	11.37	58.84	100	0	P	H
		7386	39.2	-34.8	74	48.84	34.47	13.95	58.06	100	0	P	H
													H
													H
		4924	40.38	-33.62	74	54.41	33.44	11.37	58.84	100	0	P	V
		7386	41.3	-32.7	74	50.94	34.47	13.95	58.06	100	0	P	V
													V
													V

802.11g CH 12 2467MHz		4934	40.56	-33.44	74	54.59	33.44	11.37	58.84	100	0	P	H
		7401	40.42	-33.58	74	50.13	34.42	13.95	58.08	100	0	P	H
													H
													H
		4934	41.58	-32.42	74	55.61	33.44	11.37	58.84	100	0	P	V
		7401	40.26	-33.74	74	49.97	34.42	13.95	58.08	100	0	P	V
													V
													V
802.11g CH 13 2472MHz		4944	38.04	-35.96	74	52.22	33.4	11.22	58.8	100	0	P	H
		7416	38.6	-35.4	74	48.31	34.42	13.95	58.08	100	0	P	H
													H
													H
		4944	38.56	-35.44	74	52.74	33.4	11.22	58.8	100	0	P	V
		7416	39.04	-34.96	74	48.75	34.42	13.95	58.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 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)
		2389.275	59.06	-14.94	74	54.53	32.19	7.31	34.97	364	134	P	H
		2390	47.39	-6.61	54	42.87	32.19	7.31	34.98	364	134	A	H
	*	2412	105.23	-	-	100.66	32.24	7.31	34.98	364	134	P	H
	*	2412	97.59	-	-	93.02	32.24	7.31	34.98	364	134	A	H
802.11n													H
HT20													H
CH 01		2389.17	60.71	-13.29	74	56.18	32.19	7.31	34.97	316	178	P	V
2412MHz		2390	50.67	-3.33	54	46.15	32.19	7.31	34.98	316	178	A	V
	*	2412	109.36	-	-	104.79	32.24	7.31	34.98	316	178	P	V
	*	2412	101.48	-	-	96.91	32.24	7.31	34.98	316	178	A	V
													V
													V
		2383.08	55.59	-18.41	74	51.11	32.14	7.31	34.97	358	130	P	H
		2381.4	44.94	-9.06	54	40.46	32.14	7.31	34.97	358	130	A	H
	*	2437	104.05	-	-	99.34	32.34	7.36	34.99	358	130	P	H
	*	2437	96.63	-	-	91.92	32.34	7.36	34.99	358	130	A	H
802.11n		2491.67	55.55	-18.45	74	50.65	32.5	7.4	35	358	130	P	H
HT20		2488.87	45.3	-8.7	54	40.4	32.5	7.4	35	358	130	A	H
CH 06		2364.32	55.2	-18.8	74	50.84	32.09	7.24	34.97	314	179	P	V
2437MHz		2387.56	45.7	-8.3	54	41.17	32.19	7.31	34.97	314	179	A	V
	*	2437	108.84	-	-	104.13	32.34	7.36	34.99	314	179	P	V
	*	2437	101.14	-	-	96.43	32.34	7.36	34.99	314	179	A	V
		2487.05	55.34	-18.66	74	50.49	32.45	7.4	35	314	179	P	V
		2487.61	45.51	-8.49	54	40.61	32.5	7.4	35	314	179	P	V

	*	2462	104.65	-	-	99.84	32.4	7.4	34.99	352	124	P	H
	*	2462	97.08	-	-	92.27	32.4	7.4	34.99	352	124	A	H
		2487	55.71	-18.29	74	50.86	32.45	7.4	35	352	124	P	H
		2483.56	45.85	-8.15	54	41	32.45	7.4	35	352	124	A	H
802.11n													H
HT20													H
CH 11	*	2462	107.88	-	-	103.07	32.4	7.4	34.99	345	174	P	V
2462MHz	*	2462	100.3	-	-	95.49	32.4	7.4	34.99	345	174	A	V
		2486.68	57.68	-16.32	74	52.83	32.45	7.4	35	345	174	P	V
		2483.72	47.69	-6.31	54	42.84	32.45	7.4	35	345	174	P	V
													V
													V
	*	2467	103.52	-	-	98.72	32.4	7.4	35	352	133	P	H
	*	2467	95.52	-	-	90.72	32.4	7.4	35	352	133	A	H
		2483.64	59.69	-14.31	74	54.84	32.45	7.4	35	352	133	P	H
		2483.64	47.68	-6.32	54	42.83	32.45	7.4	35	352	133	A	H
802.11n													H
HT20													H
CH 12	*	2467	106.5	-	-	101.7	32.4	7.4	35	303	171	P	V
2467MHz	*	2467	98.5	-	-	93.7	32.4	7.4	35	303	171	A	V
		2483.68	69.91	-4.09	74	65.06	32.45	7.4	35	303	171	P	V
		2483.52	53.25	-0.75	54	48.4	32.45	7.4	35	303	171	P	V
													V
													V

	*	2472	87.41	-	-	82.56	32.45	7.4	35	351	130	P	H
	*	2472	79.71	-	-	74.86	32.45	7.4	35	351	130	A	H
		2483.84	62.02	-11.98	74	57.17	32.45	7.4	35	351	130	P	H
		2483.8	49.72	-4.28	54	44.87	32.45	7.4	35	351	130	A	H
802.11n													H
HT20													H
CH 13	*	2472	90.58	-	-	85.73	32.45	7.4	35	339	173	P	V
2472MHz	*	2472	82.91	-	-	78.06	32.45	7.4	35	339	173	A	V
		2483.52	66.15	-7.85	74	61.3	32.45	7.4	35	339	173	P	V
		2483.64	53.54	-0.46	54	48.69	32.45	7.4	35	339	173	P	V
													V
													V

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

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (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)
		4824	39.06	-34.94	74	52.78	33.64	11.68	59.04	100	0	P	H
													H
802.11n													H
HT20													H
CH 01		4824	40.13	-33.87	74	53.85	33.64	11.68	59.04	100	0	P	V
2412MHz													V
													V
													V
		4874	37.89	-36.11	74	51.76	33.54	11.53	58.94	100	0	P	H
		7311	38.52	-35.48	74	47.95	34.69	13.81	57.93	100	0	P	H
802.11n													H
HT20													H
CH 06		4874	38.74	-35.26	74	52.61	33.54	11.53	58.94	100	0	P	V
2437MHz		7311	40.6	-33.4	74	50.03	34.69	13.81	57.93	100	0	P	V
													V
													V
		4924	38.9	-35.1	74	52.93	33.44	11.37	58.84	100	0	P	H
		7386	40.41	-33.59	74	50.05	34.47	13.95	58.06	100	0	P	H
802.11n													H
HT20													H
CH 11		4924	40.39	-33.61	74	54.42	33.44	11.37	58.84	100	0	P	V
2462MHz		7386	42.8	-31.2	74	52.44	34.47	13.95	58.06	100	0	P	V
													V
													V

		4934	39.3	-34.7	74	53.33	33.44	11.37	58.84	100	0	P	H
		7401	40.29	-33.71	74	50	34.42	13.95	58.08	100	0	P	H
802.11n													H
HT20													H
CH 12		4934	39.43	-34.57	74	53.46	33.44	11.37	58.84	100	0	P	V
2467MHz		7401	39.97	-34.03	74	49.68	34.42	13.95	58.08	100	0	P	V
													V
													V
		4944	39.53	-34.47	74	53.71	33.4	11.22	58.8	100	0	P	H
		7416	38.26	-35.74	74	47.97	34.42	13.95	58.08	100	0	P	H
802.11n													H
HT20													H
CH 13		4944	38.15	-35.85	74	52.33	33.4	11.22	58.8	100	0	P	V
2472MHz		7416	37.95	-36.05	74	47.66	34.42	13.95	58.08	100	0	P	V
													V
													V

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

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 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)
		2389.38	57.98	-16.02	74	53.45	32.19	7.31	34.97	364	133	P	H
		2389.52	49.62	-4.38	54	45.09	32.19	7.31	34.97	364	133	A	H
	*	2422	100.73	-	-	96.07	32.29	7.36	34.99	364	133	P	H
	*	2422	92.52	-	-	87.86	32.29	7.36	34.99	364	133	A	H
802.11n		2492.65	55.08	-18.92	74	50.19	32.5	7.4	35.01	364	133	P	H
HT40		2497.06	45.8	-8.2	54	40.91	32.5	7.4	35.01	364	133	A	H
CH 03		2388.4	62.09	-11.91	74	57.56	32.19	7.31	34.97	279	182	P	V
2422MHz		2389.38	52.32	-1.68	54	47.79	32.19	7.31	34.97	279	182	A	V
	*	2422	104.26	-	-	99.6	32.29	7.36	34.99	279	182	P	V
	*	2422	96.71	-	-	92.05	32.29	7.36	34.99	279	182	A	V
		2487.82	55.28	-18.72	74	50.38	32.5	7.4	35	279	182	P	V
		2490.2	46.16	-7.84	54	41.26	32.5	7.4	35	279	182	A	V
		2386.72	54.44	-19.56	74	49.91	32.19	7.31	34.97	358	120	P	H
		2388.26	46.06	-7.94	54	41.53	32.19	7.31	34.97	358	120	A	H
	*	2437	101.76	-	-	97.05	32.34	7.36	34.99	358	120	P	H
	*	2437	93.81	-	-	89.1	32.34	7.36	34.99	358	120	A	H
802.11n		2498.81	55.37	-18.63	74	50.48	32.5	7.4	35.01	358	120	P	H
HT40		2490.55	46.03	-7.97	54	41.13	32.5	7.4	35	358	120	A	H
CH 06		2387.7	58.87	-15.13	74	54.34	32.19	7.31	34.97	279	182	P	V
2437MHz		2388.26	49.02	-4.98	54	44.49	32.19	7.31	34.97	279	182	A	V
	*	2437	105.68	-	-	100.97	32.34	7.36	34.99	279	182	P	V
	*	2437	97.88	-	-	93.17	32.34	7.36	34.99	279	182	A	V
		2497.34	54.96	-19.04	74	50.07	32.5	7.4	35.01	279	182	P	V
		2483.62	46.8	-7.2	54	41.95	32.45	7.4	35	279	182	A	V

		2372.44	54.95	-19.05	74	50.54	32.14	7.24	34.97	352	133	P	H
		2384.9	45.49	-8.51	54	41.01	32.14	7.31	34.97	352	133	A	H
	*	2452	101.52	-	-	96.81	32.34	7.36	34.99	352	133	P	H
	*	2452	93.72	-	-	89.01	32.34	7.36	34.99	352	133	A	H
802.11n		2488.31	58.19	-15.81	74	53.29	32.5	7.4	35	352	133	P	H
HT40		2485.09	48.23	-5.77	54	43.38	32.45	7.4	35	352	133	A	H
CH 09		2379.72	55.68	-18.32	74	51.27	32.14	7.24	34.97	307	177	P	V
2452MHz		2387.7	46.73	-7.27	54	42.2	32.19	7.31	34.97	307	177	A	V
	*	2452	105.83	-	-	101.12	32.34	7.36	34.99	307	177	P	V
	*	2452	98.08	-	-	93.37	32.34	7.36	34.99	307	177	A	V
		2486.14	60.47	-13.53	74	55.62	32.45	7.4	35	307	177	P	V
		2484.39	52.36	-1.64	54	47.51	32.45	7.4	35	307	177	A	V
		2326.38	54.7	-19.3	74	50.5	31.98	7.18	34.96	352	133	P	H
		2382.52	45.52	-8.48	54	41.04	32.14	7.31	34.97	352	133	A	H
	*	2457	102.33	-	-	97.56	32.4	7.36	34.99	352	133	P	H
	*	2457	94.3	-	-	89.53	32.4	7.36	34.99	352	133	A	H
802.11n		2483.62	59.14	-14.86	74	54.29	32.45	7.4	35	352	133	P	H
HT40		2483.52	50.48	-3.52	54	45.63	32.45	7.4	35	352	133	A	H
CH 10		2388.4	55.54	-18.46	74	51.01	32.19	7.31	34.97	309	182	P	V
2457MHz		2388.68	47.02	-6.98	54	42.49	32.19	7.31	34.97	309	182	A	V
	*	2457	105.61	-	-	100.84	32.4	7.36	34.99	309	182	P	V
	*	2457	98.04	-	-	93.27	32.4	7.36	34.99	309	182	A	V
		2483.52	61.52	-12.48	74	56.67	32.45	7.4	35	309	182	P	V
		2483.52	53.85	-0.15	54	49	32.45	7.4	35	309	182	A	V

		2384.48	54.38	-19.62	74	49.9	32.14	7.31	34.97	352	120	P	H
		2335.2	45.34	-8.66	54	41.09	32.03	7.18	34.96	352	120	A	H
	*	2462	86.65	-	-	81.84	32.4	7.4	34.99	352	120	P	H
	*	2462	78.82	-	-	74.01	32.4	7.4	34.99	352	120	A	H
802.11n		2483.9	59.25	-14.75	74	54.4	32.45	7.4	35	352	120	P	H
HT40		2483.52	50.56	-3.44	54	45.71	32.45	7.4	35	352	120	A	H
CH 11		2373.14	55.09	-18.91	74	50.68	32.14	7.24	34.97	347	174	P	V
2462MHz		2387.14	45.36	-8.64	54	40.83	32.19	7.31	34.97	347	174	A	V
	*	2462	89.87	-	-	85.06	32.4	7.4	34.99	347	174	P	V
	*	2462	82.58	-	-	77.77	32.4	7.4	34.99	347	174	A	V
		2483.52	62.36	-11.64	74	57.51	32.45	7.4	35	347	174	P	V
		2483.52	53.68	-0.32	54	48.83	32.45	7.4	35	347	174	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

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)
		4844	38.79	-35.21	74	52.51	33.61	11.68	59.01	100	0	P	H
		7266	38.54	-35.46	74	47.9	34.78	13.75	57.89	100	0	P	H
802.11n													H
HT40													H
CH 03		4844	38.47	-35.53	74	52.19	33.61	11.68	59.01	100	0	P	V
2422MHz		7266	38.46	-35.54	74	47.82	34.78	13.75	57.89	100	0	P	V
													V
													V
		4874	38.48	-35.52	74	52.35	33.54	11.53	58.94	100	0	P	H
		7311	38.95	-35.05	74	48.38	34.69	13.81	57.93	100	0	P	H
802.11n													H
HT40													H
CH 06		4874	39.03	-34.97	74	52.9	33.54	11.53	58.94	100	0	P	V
2437MHz		7311	38.77	-35.23	74	48.2	34.69	13.81	57.93	100	0	P	V
													V
													V
		4904	38.04	-35.96	74	52.07	33.47	11.37	58.87	100	0	P	H
		7356	40.15	-33.85	74	49.72	34.56	13.88	58.01	100	0	P	H
802.11n													H
HT40													H
CH 09		4904	38.72	-35.28	74	52.75	33.47	11.37	58.87	100	0	P	V
2452MHz		7356	39.27	-34.73	74	48.84	34.56	13.88	58.01	100	0	P	V
													V
													V

		4914	38.36	-35.64	74	52.39	33.47	11.37	58.87	100	0	P	H
		7371	39.96	-34.04	74	49.6	34.51	13.88	58.03	100	0	P	H
802.11n													H
HT40													H
CH 10		4914	38.95	-35.05	74	52.98	33.47	11.37	58.87	100	0	P	V
2457MHz		7371	39.45	-34.55	74	49.09	34.51	13.88	58.03	100	0	P	V
													V
													V
		4924	39.03	-34.97	74	53.06	33.44	11.37	58.84	100	0	P	H
		7386	37.61	-36.39	74	47.25	34.47	13.95	58.06	100	0	P	H
802.11n													H
HT40													H
CH 11		4924	38.59	-35.41	74	52.62	33.44	11.37	58.84	100	0	P	V
2462MHz		7386	37.8	-36.2	74	47.44	34.47	13.95	58.06	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

2.4GHz WIFI 802.11g (LF)

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)
2.4GHz 802.11g LF		30	27.86	-12.14	40	32.14	26	1.07	31.35	-	-	P	H
		119.91	31.97	-11.53	43.5	44.03	17.9	1.55	31.51	100	0	P	H
		235.74	22.46	-23.54	46	34.12	17.68	2.07	31.41	-	-	P	H
		407.8	25.63	-20.37	46	31.61	22.51	2.67	31.16	-	-	P	H
		813.8	32.01	-13.99	46	30.72	27.97	3.9	30.58	-	-	P	H
		916	33.51	-12.49	46	30.55	29.38	4.12	30.54	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	30.24	-9.76	40	34.52	26	1.07	31.35	100	0	P	V
		58.35	29.07	-10.93	40	46.97	12.62	1.07	31.59	-	-	P	V
		119.91	27.54	-15.96	43.5	39.6	17.9	1.55	31.51	-	-	P	V
		552	27.34	-18.66	46	30.39	24.63	3.24	30.92	-	-	P	V
		783	30.91	-15.09	46	30.09	27.53	3.9	30.61	-	-	P	V
		995.8	33.28	-20.72	54	29.53	30.29	3.98	30.52	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

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

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

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

1. Level(dBµV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBµV/m)

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

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

= 55.45 (dBµV/m)

2. Over Limit(dB)

= Level(dBµV/m) – Limit Line(dBµV/m)

= 55.45(dBµV/m) – 74(dBµV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBµV/m)

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

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

= 43.54 (dBµV/m)

2. Over Limit(dB)

= Level(dBµV/m) – Limit Line(dBµV/m)

= 43.54(dBµV/m) – 54(dBµV/m)

= -10.46(dB)

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

2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)
802.11b CH 13 2472MHz	*	2472	91.79	-	-	86.94	32.45	7.4	35	300	132	P	H
	*	2472	88.44	-	-	83.59	32.45	7.4	35	300	132	A	H
		2485.52	56.35	-17.65	74	51.5	32.45	7.4	35	300	132	P	H
		2486.8	47.93	-6.07	54	43.08	32.45	7.4	35	300	132	A	H
													H
													H
	*	2472	97.59	-	-	92.74	32.45	7.4	35	331	170	P	V
	*	2472	94.48	-	-	89.63	32.45	7.4	35	331	170	A	V
		2486.84	59.69	-14.31	74	54.84	32.45	7.4	35	331	170	P	V
		2486.88	53.44	-0.56	54	48.59	32.45	7.4	35	331	170	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)
802.11b CH 13 2472MHz		4842	38.67	-35.33	74	52.39	33.61	11.68	59.01	100	0	P	H
		7416	37.91	-36.09	74	47.62	34.42	13.95	58.08	100	0	P	H
													H
													H
		4842	38.33	-35.67	74	52.05	33.61	11.68	59.01	100	0	P	V
		7416	38.4	-35.6	74	48.11	34.42	13.95	58.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 13 2472MHz	*	2472	85.18	-	-	80.33	32.45	7.4	35	300	132	P	H
	*	2472	77.33	-	-	72.48	32.45	7.4	35	300	132	A	H
		2483.52	60.03	-13.97	74	55.18	32.45	7.4	35	300	132	P	H
		2483.52	48.21	-5.79	54	43.36	32.45	7.4	35	300	132	A	H
													H
													H
	*	2472	91.37	-	-	86.52	32.45	7.4	35	331	168	P	V
	*	2472	83.4	-	-	78.55	32.45	7.4	35	331	168	A	V
		2483.76	66.89	-7.11	74	62.04	32.45	7.4	35	331	168	P	V
		2483.52	53.69	-0.31	54	48.84	32.45	7.4	35	331	168	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 13 2472MHz		4944	38.16	-35.84	74	52.34	33.4	11.22	58.8	100	0	P	H
		7416	40.06	-33.94	74	49.77	34.42	13.95	58.08	100	0	P	H
													H
													H
		4944	38.4	-35.6	74	52.58	33.4	11.22	58.8	100	0	P	V
		7416	38.04	-35.96	74	47.75	34.42	13.95	58.08	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

2.4GHz WIFI 802.11g (LF)

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)
2.4GHz 802.11g LF		30	27.57	-12.43	40	31.85	26	1.07	31.35	-	-	P	H
		101.28	31.22	-12.28	43.5	44.7	16.49	1.55	31.52	100	0	P	H
		235.47	26.53	-19.47	46	38.19	17.68	2.07	31.41	-	-	P	H
		663.3	28.87	-17.13	46	29.95	26.03	3.65	30.76	-	-	P	H
		847.4	32.54	-13.46	46	30.35	28.66	4.1	30.57	-	-	P	H
		966.4	33.76	-20.24	54	29.99	30.23	4.07	30.53	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	30.52	-9.48	40	34.8	26	1.07	31.35	100	0	P	V
		58.35	27.39	-12.61	40	45.29	12.62	1.07	31.59	-	-	P	V
		119.91	26.47	-17.03	43.5	38.53	17.9	1.55	31.51	-	-	P	V
		625.5	27.97	-18.03	46	29.54	25.65	3.57	30.79	-	-	P	V
		871.9	32.3	-13.7	46	29.85	28.83	4.17	30.55	-	-	P	V
		993	34.01	-19.99	54	30.26	30.29	3.98	30.52	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

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

1. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

2.4GHz 2400~2483.5MHz

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)
		2390	60.46	-13.54	74	55.94	32.19	7.31	34.98	321	129	P	H
		2390	50.42	-3.58	54	45.9	32.19	7.31	34.98	321	129	A	H
	*	2412	106.91	-	-	102.34	32.24	7.31	34.98	321	129	P	H
	*	2412	99.42	-	-	94.85	32.24	7.31	34.98	321	129	A	H
802.11n													H
HT20													H
CH 01		2388.96	62.46	-11.54	74	57.93	32.19	7.31	34.97	316	160	P	V
2412MHz		2389.905	52.81	-1.19	54	48.29	32.19	7.31	34.98	316	160	A	V
	*	2412	110.44	-	-	105.87	32.24	7.31	34.98	316	160	P	V
	*	2412	102.91	-	-	98.34	32.24	7.31	34.98	316	160	A	V
													V
													V
		2356.48	55.12	-18.88	74	50.76	32.09	7.24	34.97	313	125	P	H
		2364.46	45.62	-8.38	54	41.26	32.09	7.24	34.97	313	125	A	H
	*	2437	106.83	-	-	102.12	32.34	7.36	34.99	313	125	P	H
	*	2437	99.47	-	-	94.76	32.34	7.36	34.99	313	125	A	H
802.11n		2486.28	55.42	-18.58	74	50.57	32.45	7.4	35	313	125	P	H
HT20		2484.6	46.08	-7.92	54	41.23	32.45	7.4	35	313	125	A	H
CH 06		2386.44	55.29	-18.71	74	50.76	32.19	7.31	34.97	352	160	P	V
2437MHz		2389.94	46.31	-7.69	54	41.79	32.19	7.31	34.98	352	160	A	V
	*	2437	111.41	-	-	106.7	32.34	7.36	34.99	352	160	P	V
	*	2437	103.63	-	-	98.92	32.34	7.36	34.99	352	160	A	V
		2489.43	55.71	-18.29	74	50.81	32.5	7.4	35	352	160	P	V
		2488.1	46.5	-7.5	54	41.6	32.5	7.4	35	352	160	A	V

	*	2462	107.61	-	-	102.8	32.4	7.4	34.99	345	128	P	H
	*	2462	100	-	-	95.19	32.4	7.4	34.99	345	128	A	H
		2483.52	60.09	-13.91	74	55.24	32.45	7.4	35	345	128	P	H
		2483.88	48.72	-5.28	54	43.87	32.45	7.4	35	345	128	A	H
802.11n													H
HT20													H
CH 11	*	2462	110.22	-	-	105.41	32.4	7.4	34.99	311	161	P	V
2462MHz	*	2462	102.85	-	-	98.04	32.4	7.4	34.99	311	161	A	V
		2484.84	60.68	-13.32	74	55.83	32.45	7.4	35	311	161	P	V
		2483.72	50.2	-3.8	54	45.35	32.45	7.4	35	311	161	A	V
													V
													V

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

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)
	*	2467	101.99	-	-	97.19	32.4	7.4	35	345	130	P	H
	*	2467	94.19	-	-	89.39	32.4	7.4	35	345	130	A	H
		2483.84	63	-11	74	58.15	32.45	7.4	35	345	130	P	H
		2483.96	53.14	-0.86	54	48.29	32.45	7.4	35	345	130	A	H
802.11n													H
HT20													H
CH 12	*	2467	104.94	-	-	100.14	32.4	7.4	35	305	157	P	V
2467MHz	*	2467	97.13	-	-	92.33	32.4	7.4	35	305	157	A	V
		2483.52	63.94	-10.06	74	59.09	32.45	7.4	35	305	157	P	V
		2483.52	53.4	-0.6	54	48.55	32.45	7.4	35	305	157	A	V
													V
													V
	*	2472	88.22	-	-	83.37	32.45	7.4	35	346	133	P	H
	*	2472	80.72	-	-	75.87	32.45	7.4	35	346	133	A	H
		2483.52	63.47	-10.53	74	58.62	32.45	7.4	35	346	133	P	H
		2483.52	51.29	-2.71	54	46.44	32.45	7.4	35	346	133	A	H
802.11n													H
HT20													H
CH 13	*	2472	90.55	-	-	85.7	32.45	7.4	35	304	152	P	V
2472MHz	*	2472	83.08	-	-	78.23	32.45	7.4	35	304	152	A	V
		2483.6	65	-9	74	60.15	32.45	7.4	35	304	152	P	V
		2483.64	53.56	-0.44	54	48.71	32.45	7.4	35	304	152	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

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)
		4824	39.32	-34.68	74	53.04	33.64	11.68	59.04	100	0	P	H
													H
802.11n													H
HT20													H
CH 01		4824	38.7	-35.3	74	52.42	33.64	11.68	59.04	100	0	P	V
2412MHz													V
													V
													V
		4874	38.33	-35.67	74	52.2	33.54	11.53	58.94	100	0	P	H
		7311	41.24	-32.76	74	50.67	34.69	13.81	57.93	100	0	P	H
802.11n													H
HT20													H
CH 06		4874	40.93	-33.07	74	54.8	33.54	11.53	58.94	100	0	P	V
2437MHz		7311	44.01	-29.99	74	53.44	34.69	13.81	57.93	100	0	P	V
													V
													V
		4926	39.97	-34.03	74	54	33.44	11.37	58.84	100	0	P	H
		7386	43.85	-30.15	74	53.49	34.47	13.95	58.06	100	0	P	H
802.11n													H
HT20													H
CH 11		4924	46.08	-27.92	74	60.11	33.44	11.37	58.84	100	0	P	V
2462MHz		7386	47.69	-26.31	74	57.33	34.47	13.95	58.06	100	0	P	V
													V
													V

Remark

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

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)
		4934	38.63	-35.37	74	52.66	33.44	11.37	58.84	-	-	P	H
		7401	38.35	-35.65	74	48.06	34.42	13.95	58.08	100	0	P	H
802.11n													H
HT20													H
CH 12		4934	38.87	-35.13	74	52.9	33.44	11.37	58.84	100	0	P	V
2467MHz		7401	39.47	-34.53	74	49.18	34.42	13.95	58.08	100	0	P	V
													V
													V
		4944	39.06	-34.94	74	53.24	33.4	11.22	58.8	100	0	P	H
		7416	38.56	-35.44	74	48.27	34.42	13.95	58.08	100	0	P	H
802.11n													H
HT20													H
CH 13		4944	38.52	-35.48	74	52.7	33.4	11.22	58.8	100	0	P	V
2472MHz		7416	40.36	-33.64	74	50.07	34.42	13.95	58.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

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)
		2387.28	54.45	-19.55	74	49.92	32.19	7.31	34.97	308	159	P	H
		2385.46	45.73	-8.27	54	41.25	32.14	7.31	34.97	308	159	A	H
	*	2422	92.01	-	-	87.35	32.29	7.36	34.99	308	159	P	H
	*	2422	83.91	-	-	79.25	32.29	7.36	34.99	308	159	A	H
802.11n		2483.76	55.51	-18.49	74	50.66	32.45	7.4	35	308	159	P	H
HT40		2496.01	46.25	-7.75	54	41.36	32.5	7.4	35.01	308	159	A	H
CH 03		2386.86	62	-12	74	57.47	32.19	7.31	34.97	310	180	P	V
2422MHz		2389.8	53.57	-0.43	54	49.05	32.19	7.31	34.98	310	180	A	V
	*	2422	105.17	-	-	100.51	32.29	7.36	34.99	310	180	P	V
	*	2422	97.34	-	-	92.68	32.29	7.36	34.99	310	180	A	V
		2496.15	54.85	-19.15	74	49.96	32.5	7.4	35.01	310	180	P	V
		2489.92	46.4	-7.6	54	41.5	32.5	7.4	35	310	180	A	V
		2389.1	55.51	-18.49	74	50.98	32.19	7.31	34.97	313	126	P	H
		2389.94	47.31	-6.69	54	42.79	32.19	7.31	34.98	313	126	A	H
	*	2437	103.59	-	-	98.88	32.34	7.36	34.99	313	126	P	H
	*	2437	95.58	-	-	90.87	32.34	7.36	34.99	313	126	A	H
802.11n		2484.53	55.29	-18.71	74	50.44	32.45	7.4	35	313	126	P	H
HT40		2484.32	47.1	-6.9	54	42.25	32.45	7.4	35	313	126	A	H
CH 06		2388.96	58.44	-15.56	74	53.91	32.19	7.31	34.97	351	157	P	V
2437MHz		2389.38	50.52	-3.48	54	45.99	32.19	7.31	34.97	351	157	A	V
	*	2437	107.53	-	-	102.82	32.34	7.36	34.99	351	157	P	V
	*	2437	99.83	-	-	95.12	32.34	7.36	34.99	351	157	A	V
		2483.83	58.34	-15.66	74	53.49	32.45	7.4	35	351	157	P	V
		2484.11	49.62	-4.38	54	44.77	32.45	7.4	35	351	157	A	V

		2345.7	55.62	-18.38	74	51.32	32.03	7.24	34.97	344	124	P	H
		2379.02	45.65	-8.35	54	41.24	32.14	7.24	34.97	344	124	A	H
	*	2452	103.45	-	-	98.74	32.34	7.36	34.99	344	124	P	H
	*	2452	94.94	-	-	90.23	32.34	7.36	34.99	344	124	A	H
802.11n		2488.94	56.55	-17.45	74	51.65	32.5	7.4	35	344	124	P	H
HT40		2483.62	47.94	-6.06	54	43.09	32.45	7.4	35	344	124	A	H
CH 09		2381.26	55.38	-18.62	74	50.9	32.14	7.31	34.97	353	154	P	V
2452MHz		2380.14	46.35	-7.65	54	41.87	32.14	7.31	34.97	353	154	A	V
	*	2452	106.85	-	-	102.14	32.34	7.36	34.99	353	154	P	V
	*	2452	98.76	-	-	94.05	32.34	7.36	34.99	353	154	A	V
		2485.44	57.87	-16.13	74	53.02	32.45	7.4	35	353	154	P	V
		2484.32	49.57	-4.43	54	44.72	32.45	7.4	35	353	154	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		2370.62	54.69	-19.31	74	50.28	32.14	7.24	34.97	345	129	P	H
		2386.44	45.62	-8.38	54	41.09	32.19	7.31	34.97	345	129	A	H
	*	2457	102.65	-	-	97.88	32.4	7.36	34.99	345	129	P	H
	*	2457	94.42	-	-	89.65	32.4	7.36	34.99	345	129	A	H
802.11n		2483.62	58.7	-15.3	74	53.85	32.45	7.4	35	345	129	P	H
HT40		2483.52	50.68	-3.32	54	45.83	32.45	7.4	35	345	129	A	H
CH 10		2347.52	55.18	-18.82	74	50.88	32.03	7.24	34.97	354	152	P	V
2457MHz		2388.54	46.23	-7.77	54	41.7	32.19	7.31	34.97	354	152	A	V
	*	2457	106.08	-	-	101.31	32.4	7.36	34.99	354	152	P	V
	*	2457	98.12	-	-	93.35	32.4	7.36	34.99	354	152	A	V
		2483.55	60.75	-13.25	74	55.9	32.45	7.4	35	354	152	P	V
		2483.52	52.95	-1.05	54	48.1	32.45	7.4	35	354	152	A	V
		2332.12	54.98	-19.02	74	50.78	31.98	7.18	34.96	344	130	P	H
		2373.56	45.77	-8.23	54	41.36	32.14	7.24	34.97	344	130	A	H
	*	2462	85.79	-	-	80.98	32.4	7.4	34.99	344	130	P	H
	*	2462	78.02	-	-	73.21	32.4	7.4	34.99	344	130	A	H
802.11n		2483.62	60.1	-13.9	74	55.25	32.45	7.4	35	344	130	P	H
HT40		2483.52	51.39	-2.61	54	46.54	32.45	7.4	35	344	130	A	H
CH 11		2371.88	54.97	-19.03	74	50.56	32.14	7.24	34.97	309	158	P	V
2462MHz		2373.28	45.64	-8.36	54	41.23	32.14	7.24	34.97	309	158	A	V
	*	2462	88.7	-	-	83.89	32.4	7.4	34.99	309	158	P	V
	*	2462	80.63	-	-	75.82	32.4	7.4	34.99	309	158	A	V
		2483.76	61.48	-12.52	74	56.63	32.45	7.4	35	309	158	P	V
		2483.52	53.32	-0.68	54	48.47	32.45	7.4	35	309	158	A	V

2.4GHz 2400~2483.5MHz

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)
		4842	38.05	-35.95	74	51.77	33.61	11.68	59.01	100	0	P	H
		7266	38.84	-35.16	74	48.2	34.78	13.75	57.89	100	0	P	H
802.11n													H
HT40													H
CH 03		4842	38.5	-35.5	74	52.22	33.61	11.68	59.01	100	0	P	V
2422MHz		7266	39.07	-34.93	74	48.43	34.78	13.75	57.89	100	0	P	V
													V
													V
		4872	40.74	-33.26	74	54.61	33.54	11.53	58.94	100	0	P	H
		7308	39.83	-34.17	74	49.26	34.69	13.81	57.93	100	0	P	H
802.11n													H
HT40													H
CH 06		4872	41.58	-32.42	74	55.45	33.54	11.53	58.94	100	0	P	V
2437MHz		7308	40.86	-33.14	74	50.29	34.69	13.81	57.93	100	0	P	V
													V
													V
		4902	37.62	-36.38	74	51.65	33.47	11.37	58.87	100	0	P	H
		7356	38.7	-35.3	74	48.27	34.56	13.88	58.01	100	0	P	H
802.11n													H
HT40													H
CH 09		4902	38.67	-35.33	74	52.7	33.47	11.37	58.87	100	0	P	V
2452MHz		7356	38.17	-35.83	74	47.74	34.56	13.88	58.01	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		4914	37.54	-36.46	74	51.57	33.47	11.37	58.87	100	0	P	H
		7368	39.19	-34.81	74	48.83	34.51	13.88	58.03	100	0	P	H
802.11n													H
HT40													H
CH 10		4914	39.24	-34.76	74	53.27	33.47	11.37	58.87	100	0	P	V
2457MHz		7368	38.42	-35.58	74	48.06	34.51	13.88	58.03	100	0	P	V
													V
													V
		4926	38.9	-35.1	74	52.93	33.44	11.37	58.84	100	0	P	H
		7386	38.26	-35.74	74	47.9	34.47	13.95	58.06	100	0	P	H
802.11n													H
HT40													H
CH 11		4926	38.9	-35.1	74	52.93	33.44	11.37	58.84	100	0	P	V
2462MHz		7386	38.26	-35.74	74	47.9	34.47	13.95	58.06	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11n HT40 (LF)

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+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30	27.85	-12.15	40	32.13	26	1.07	31.35	-	-	P	H
		101.28	29.84	-13.66	43.5	43.32	16.49	1.55	31.52	-	-	P	H
		158.25	26.17	-17.33	43.5	38.75	17.14	1.78	31.5	-	-	P	H
		444.2	26.11	-19.89	46	31.3	23.02	2.89	31.1	-	-	P	H
		779.5	31.07	-14.93	46	30.37	27.5	3.82	30.62	-	-	P	H
		948.2	34.32	-11.68	46	30.6	30.18	4.07	30.53	100	0	P	H
													H
													H
													H
													H
2.4GHz													H
802.11n													H
HT40		30	29.77	-10.23	40	34.05	26	1.07	31.35	100	0	P	V
LF		58.35	27.62	-12.38	40	45.52	12.62	1.07	31.59	-	-	P	V
		119.91	27.42	-16.08	43.5	39.48	17.9	1.55	31.51	-	-	P	V
		497.4	26.79	-19.21	46	30.63	24.14	3.04	31.02	-	-	P	V
		766.2	30.53	-15.47	46	29.98	27.36	3.82	30.63	-	-	P	V
		982.5	33.46	-20.54	54	29.73	30.27	3.98	30.52	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBµV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBµV/m)

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

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

= 55.45 (dBµV/m)

2. Over Limit(dB)

= Level(dBµV/m) – Limit Line(dBµV/m)

= 55.45(dBµV/m) – 74(dBµV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBµV/m)

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

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

= 43.54 (dBµV/m)

2. Over Limit(dB)

= Level(dBµV/m) – Limit Line(dBµV/m)

= 43.54(dBµV/m) – 54(dBµV/m)

= -10.46(dB)

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

Appendix B. Radiated Spurious Emission Plots

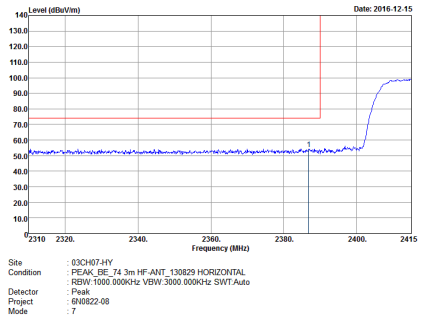
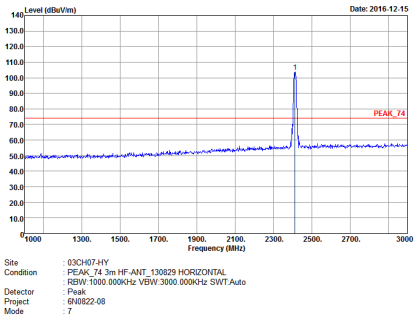
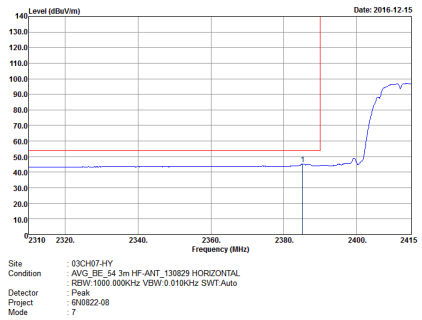
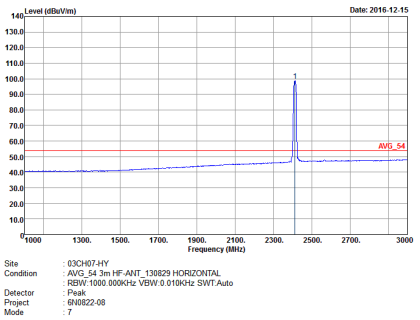
Test Engineer :	Jesse Wang, James Chiu, and Daniel Lee	**Temperature :**	21~23°C
		Relative Humidity :	47~51%

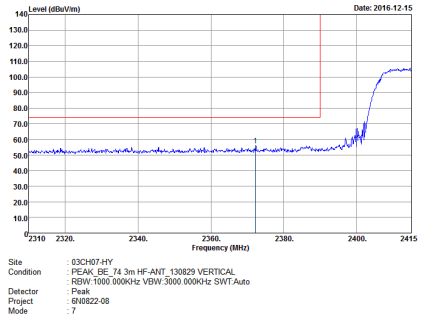
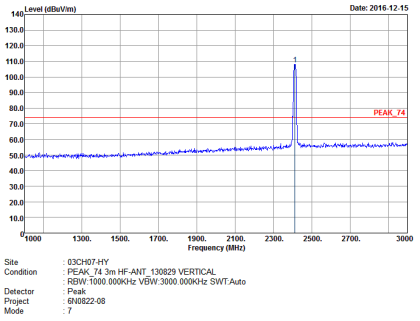
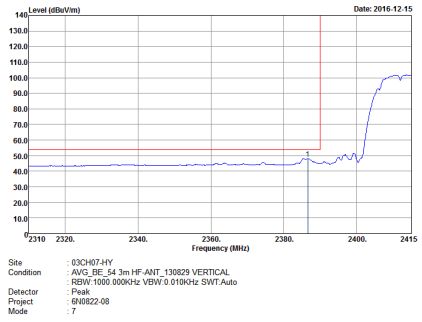
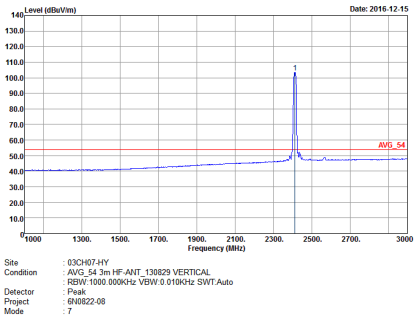
Note symbol

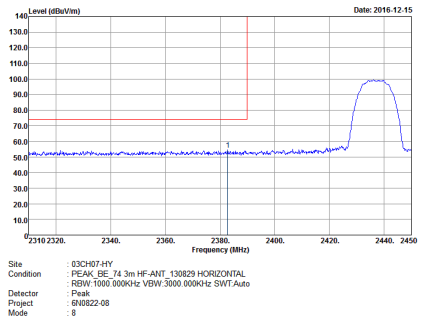
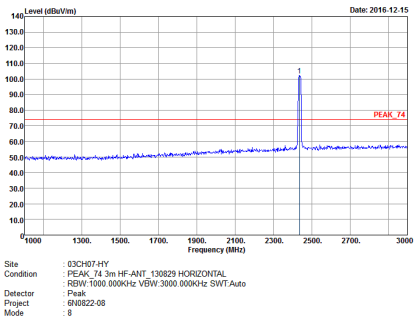
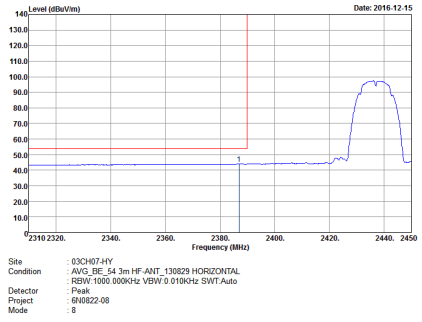
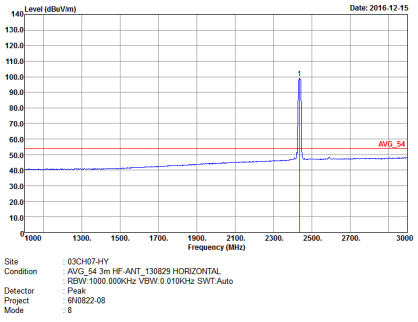
-L	**Low channel location**
-R	**High channel location**

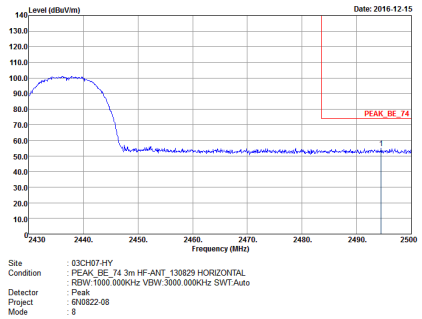
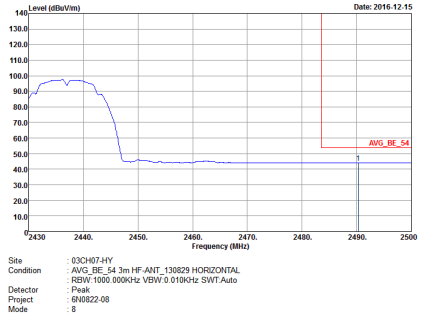
2.4GHz 2400~2483.5MHz

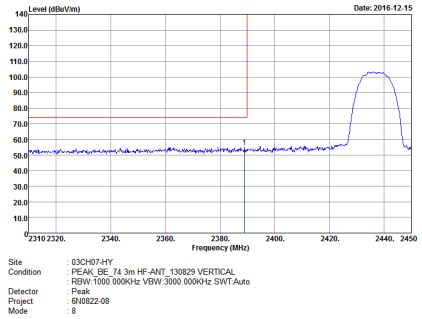
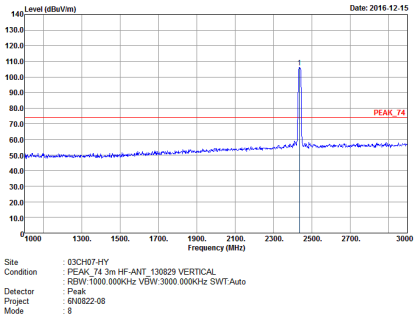
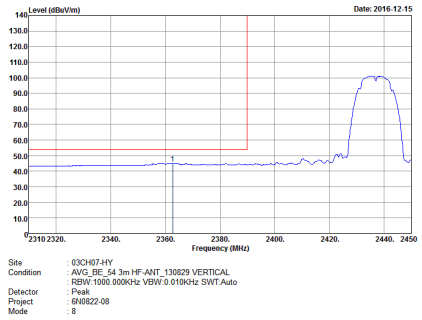
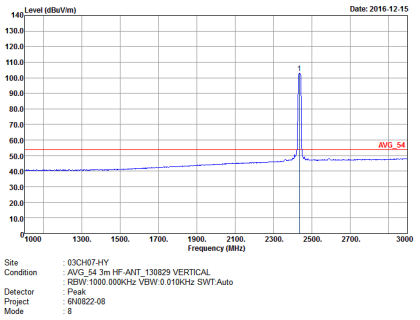
WIFI 802.11b (Band Edge @ 3m)

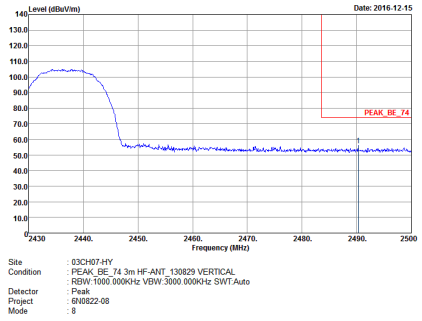
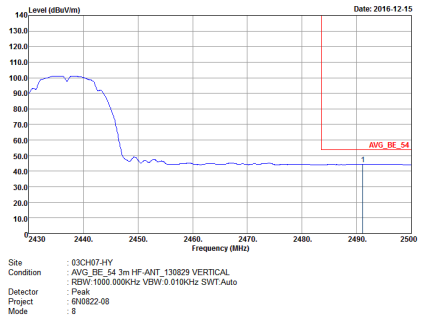
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

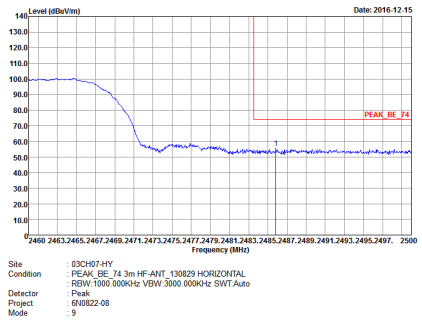
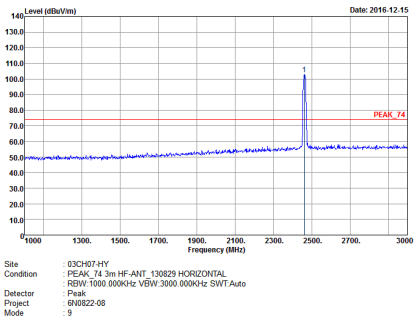
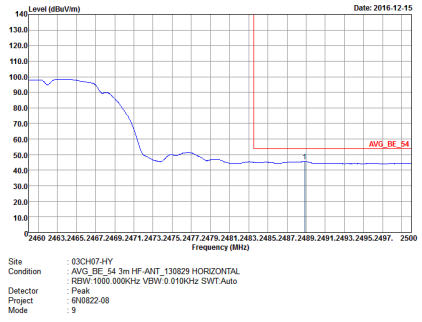
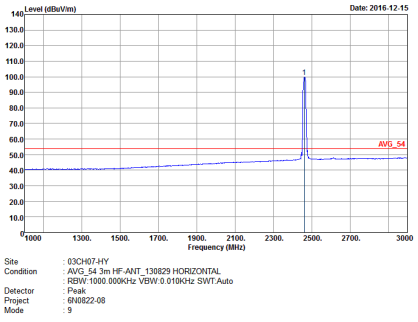
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		

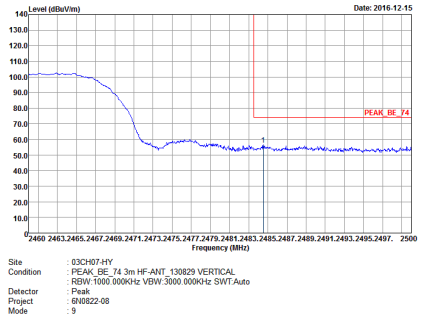
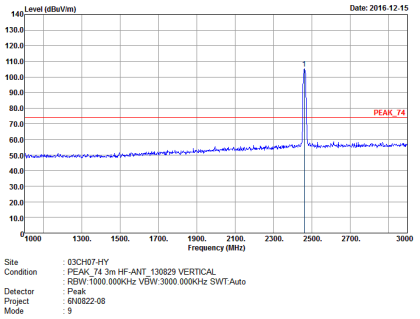
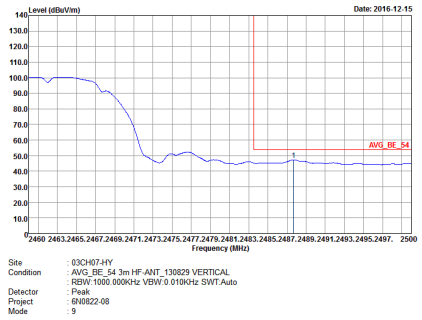
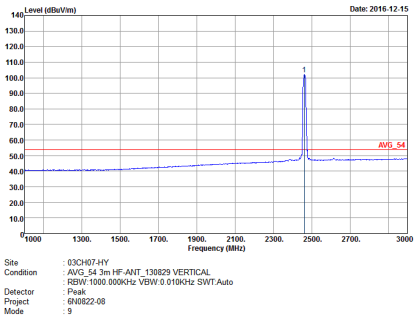
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

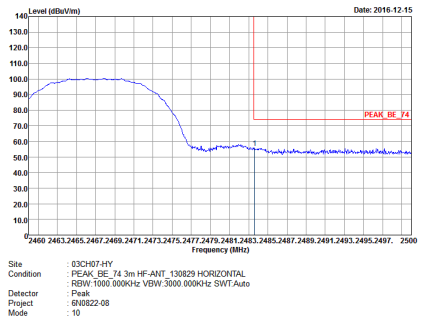
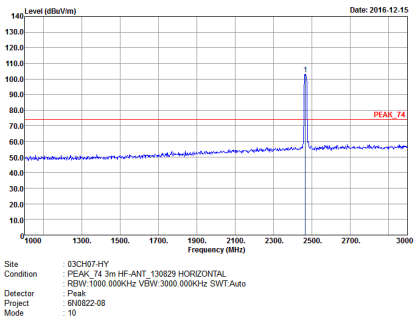
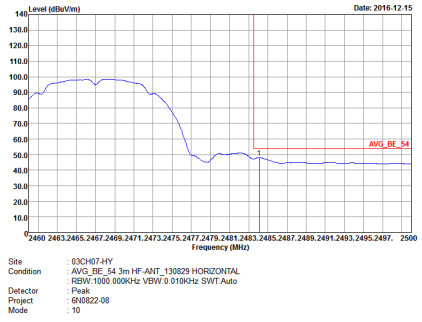
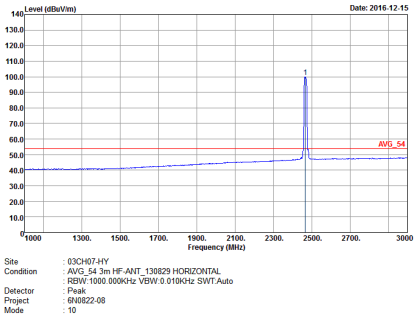
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

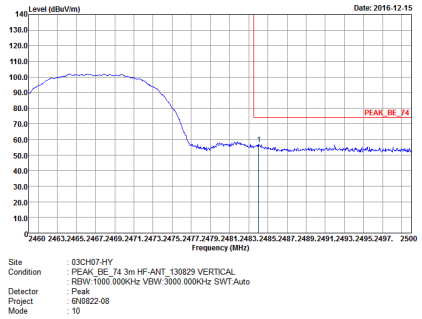
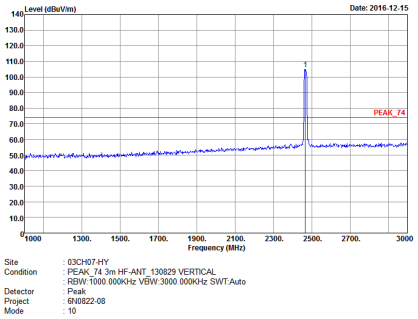
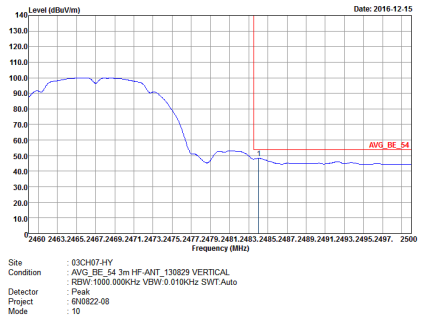
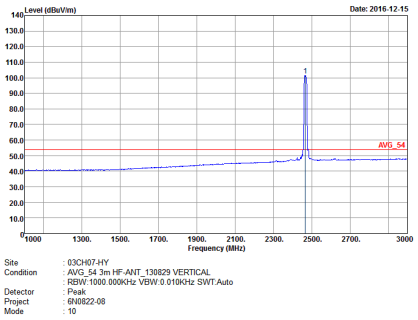
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 8	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 8
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 8	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 8

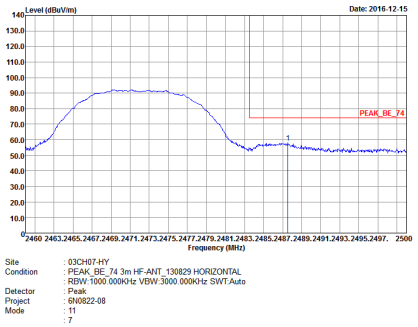
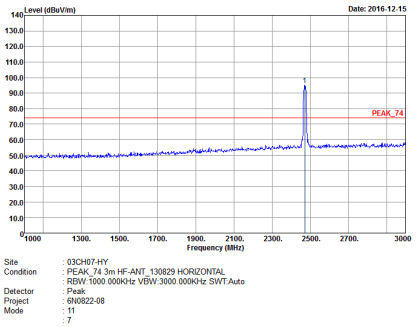
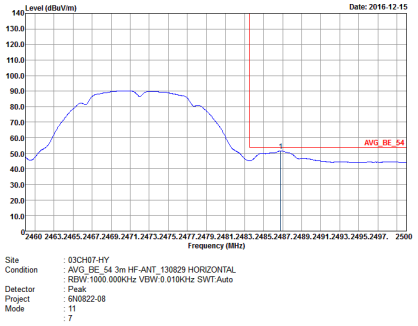
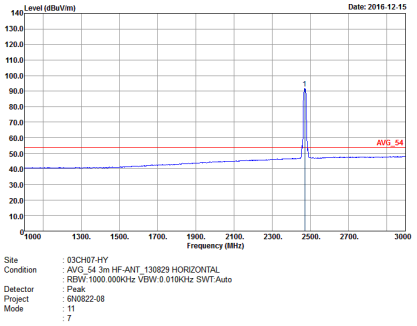
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

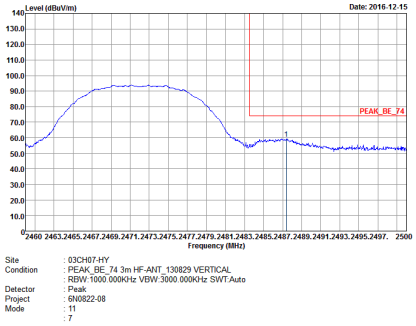
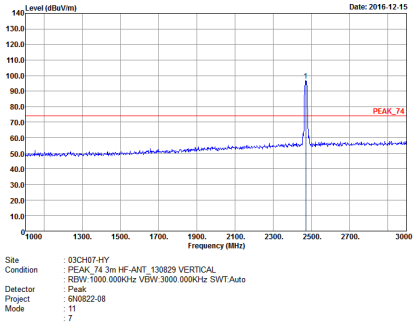
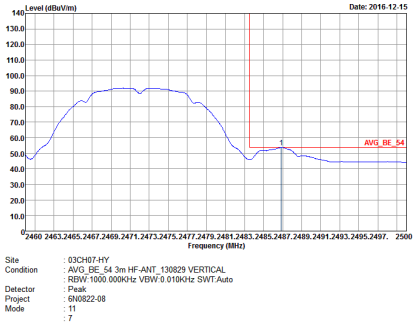
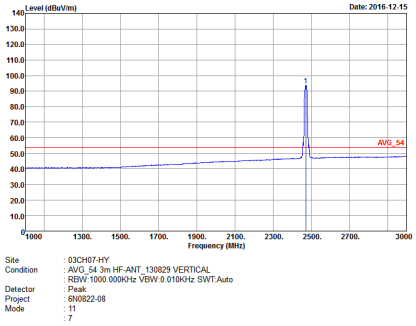
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
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 : 6N0822-08 Mode : 9	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 9
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 9	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 9

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

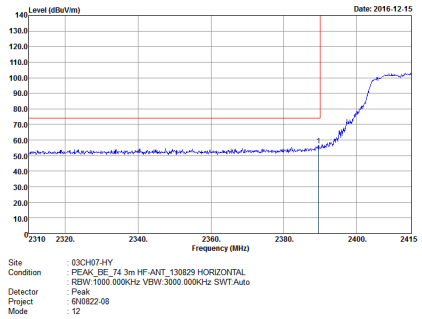
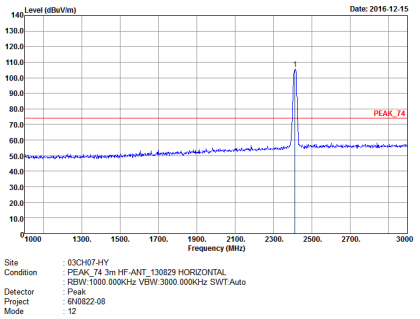
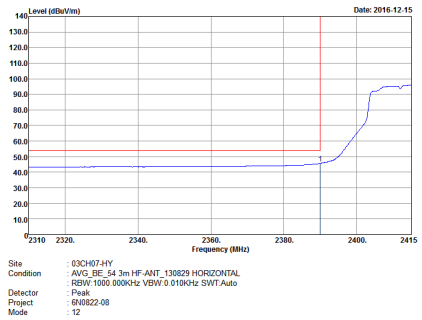
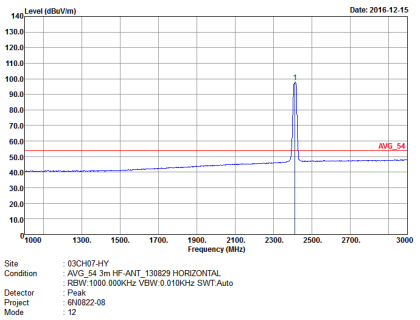
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 10	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 10	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 10

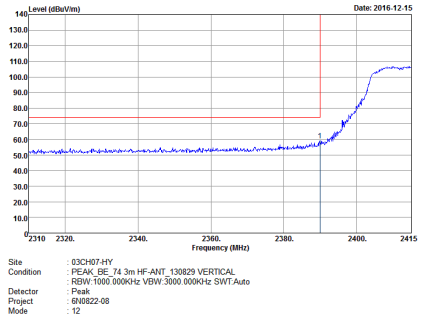
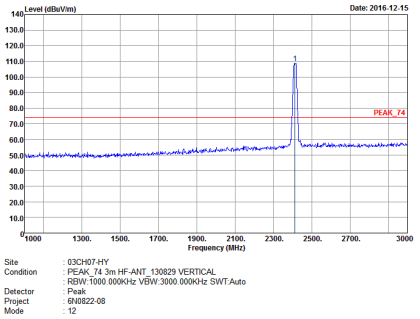
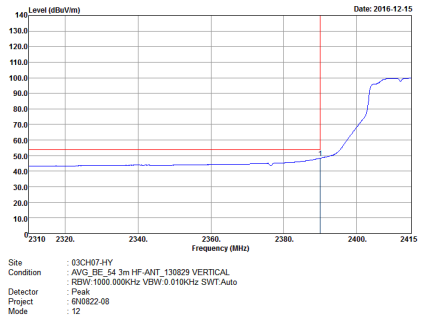
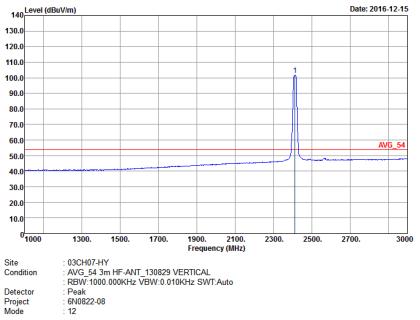
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 11 : 7	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 11 : 7
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 11 : 7	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 11 : 7

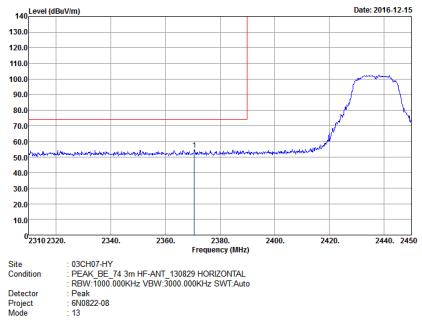
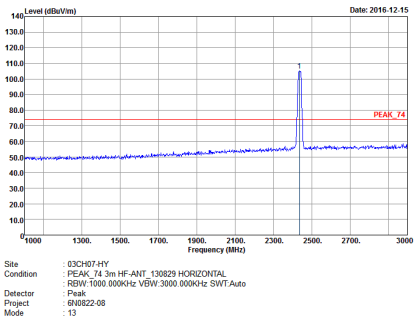
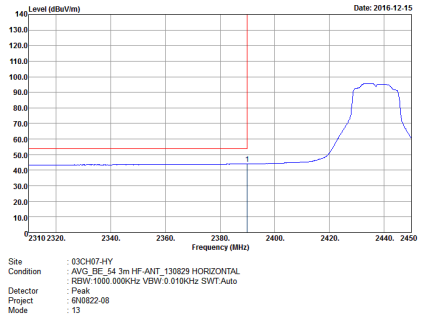
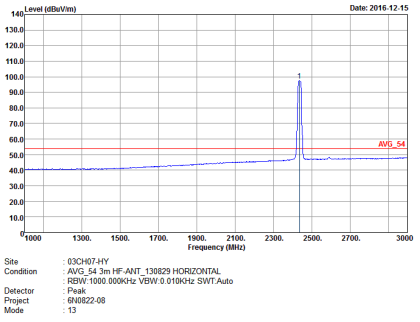
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
1	Vertical	Fundamental
Peak		
Avg.		

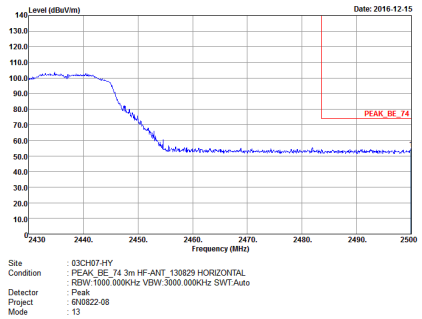
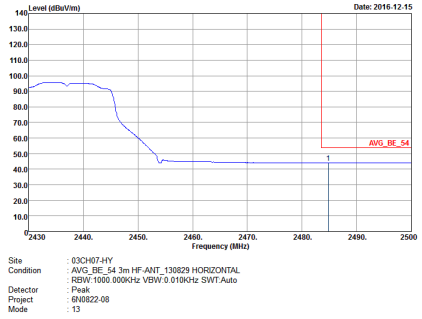
2.4GHz 2400~2483.5MHz

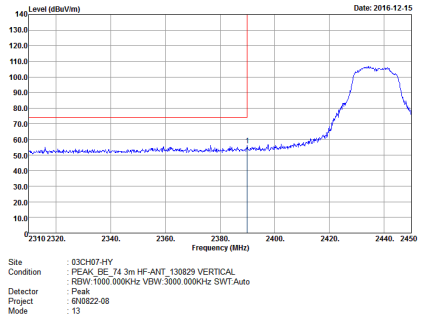
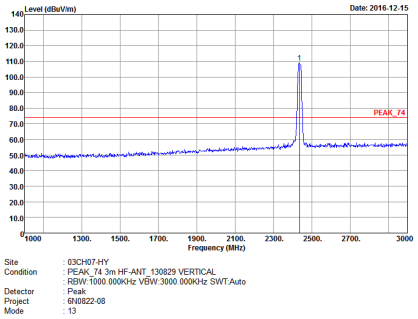
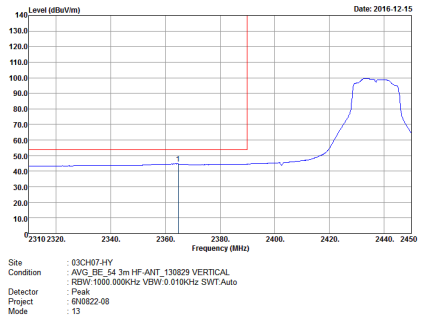
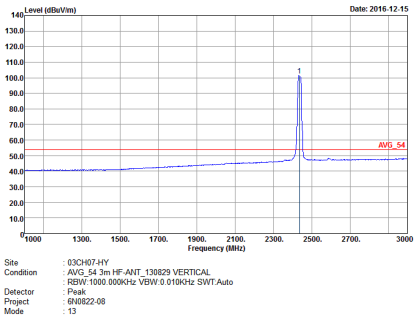
WIFI 802.11g (Band Edge @ 3m)

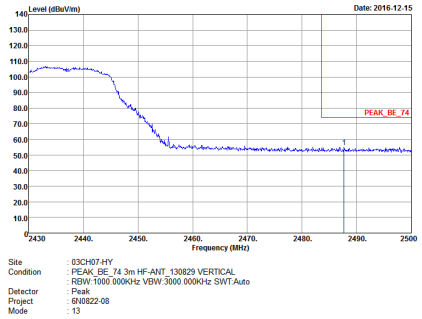
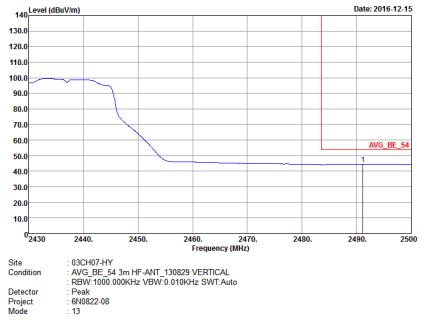
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

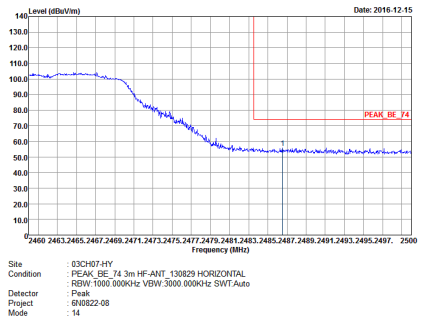
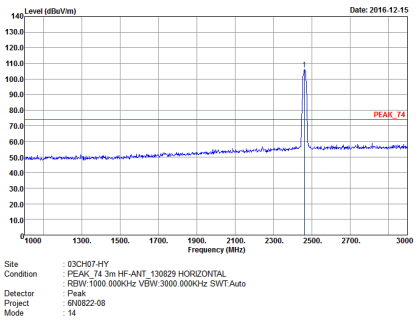
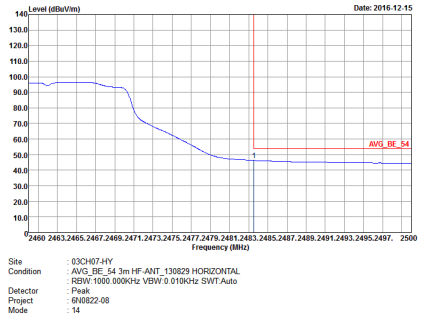
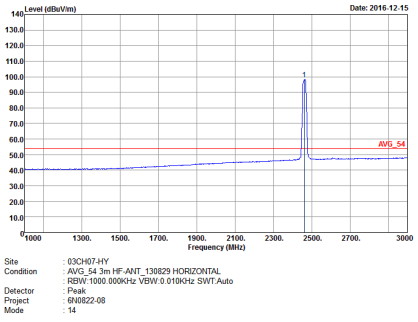
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		

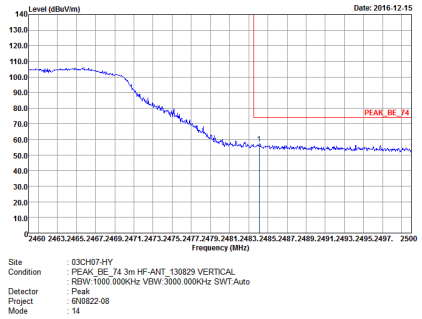
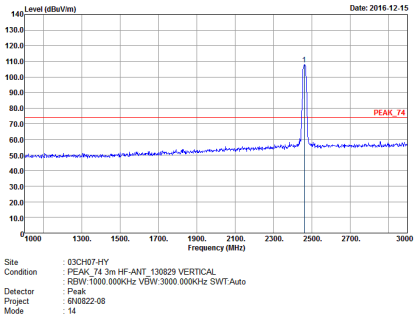
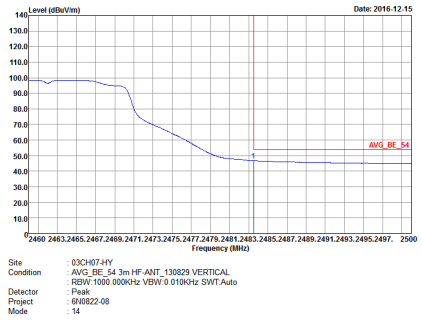
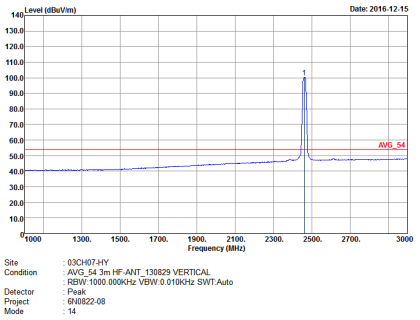
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

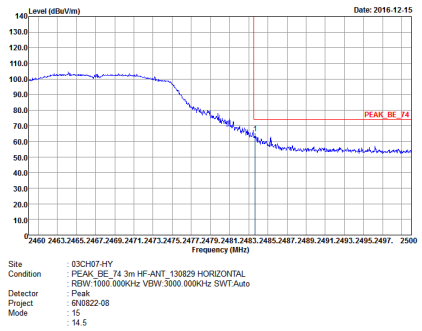
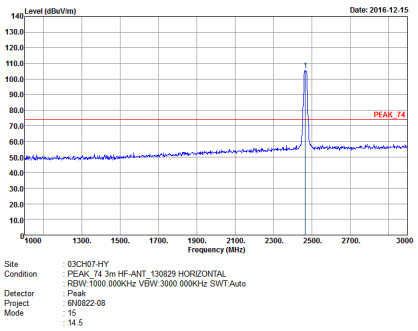
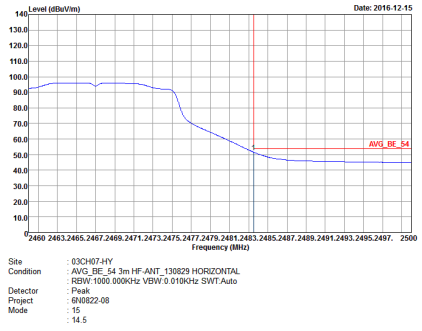
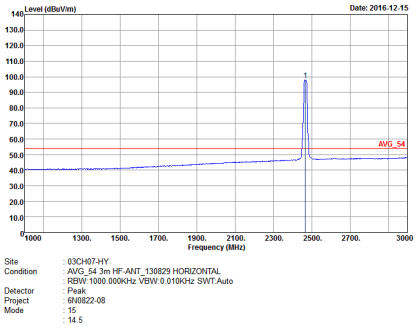
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

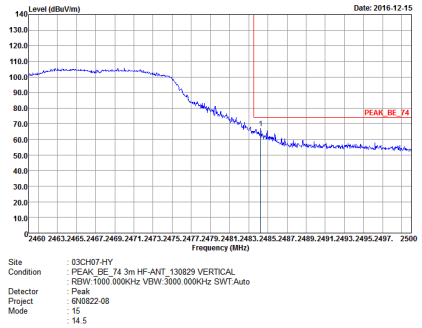
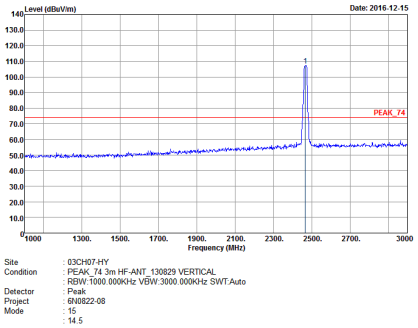
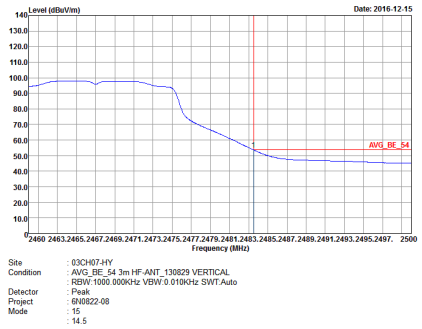
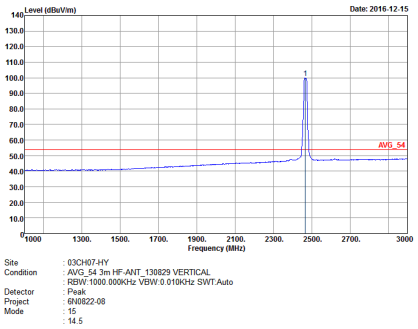
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

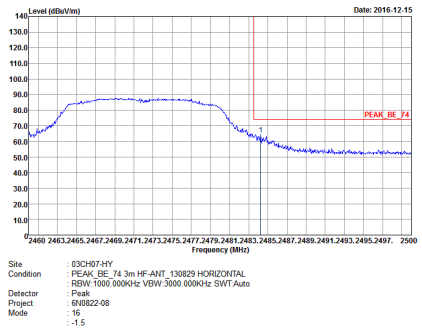
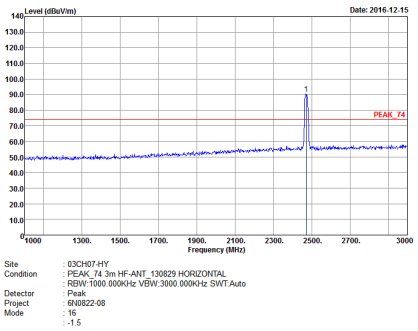
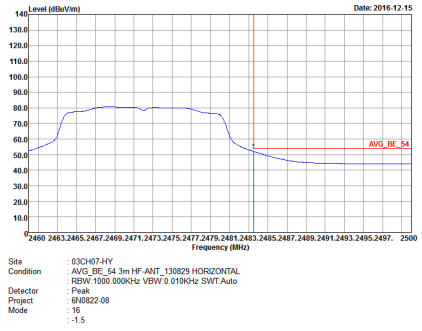
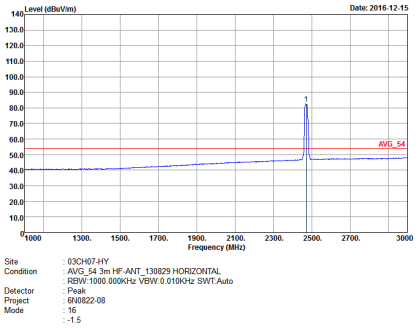
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

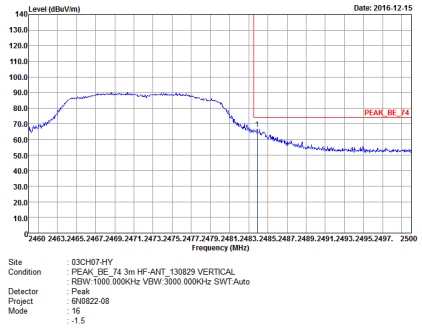
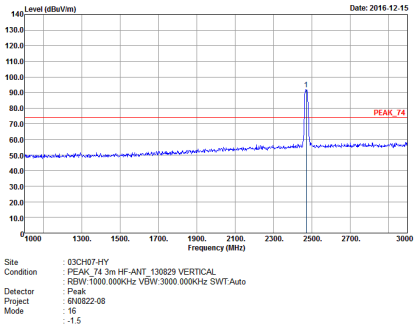
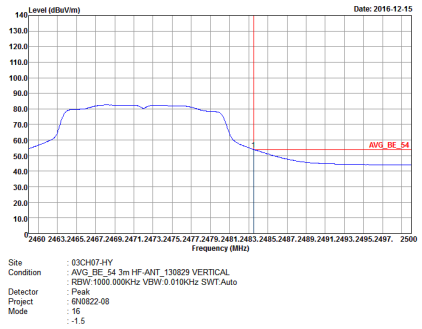
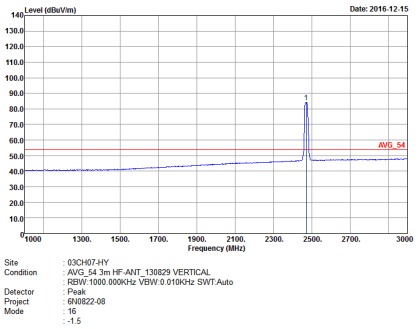
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
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 : 6N0822-08 Mode : 14	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 14	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 14

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

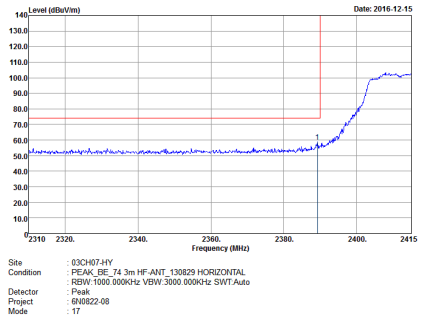
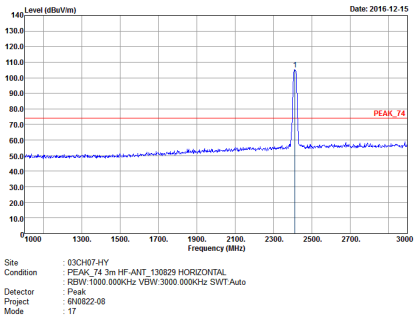
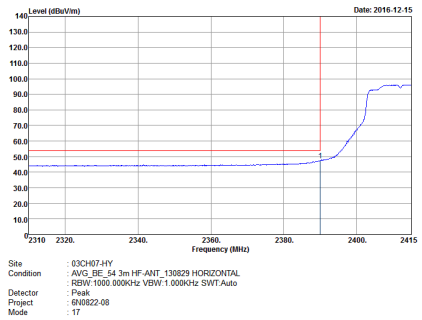
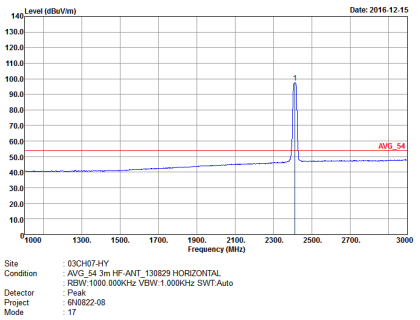
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 15 : 14.5	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 15 : 14.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 15 : 14.5	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 15 : 14.5

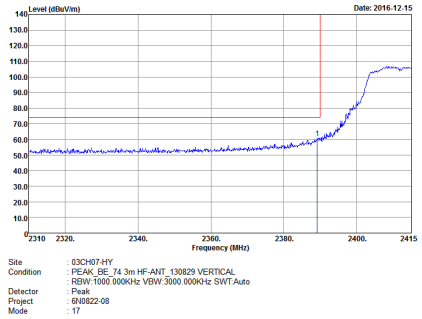
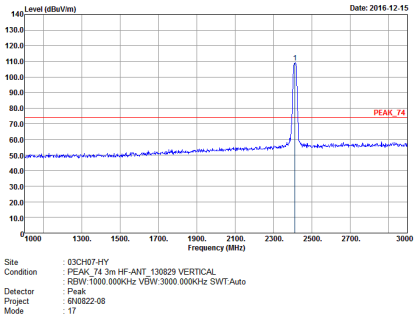
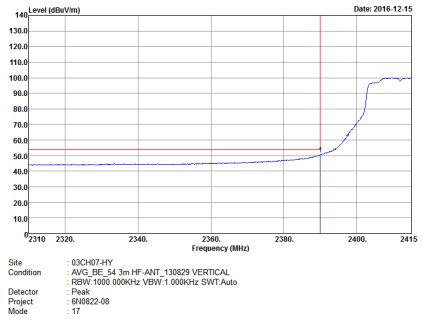
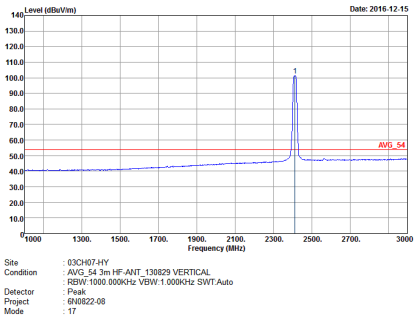
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

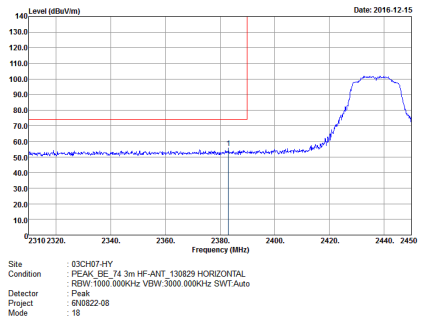
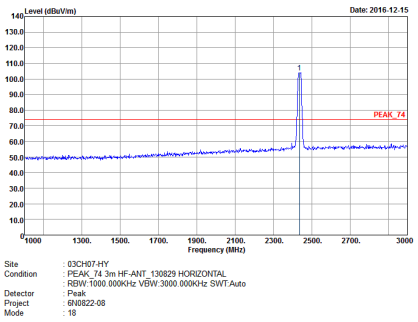
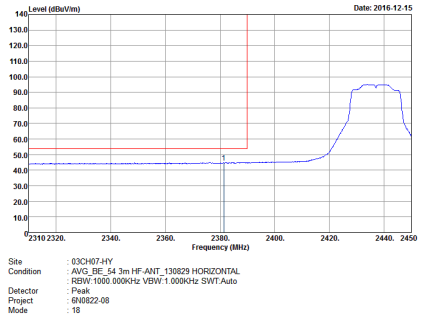
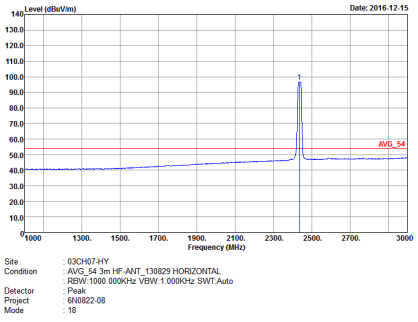
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 16 : -1.5	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 16 : -1.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 16 : -1.5	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 16 : -1.5

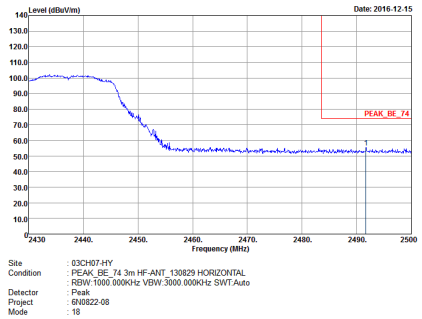
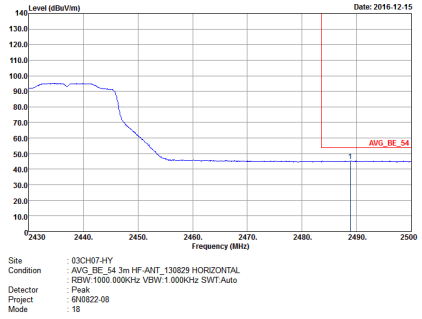
2.4GHz 2400~2483.5MHz

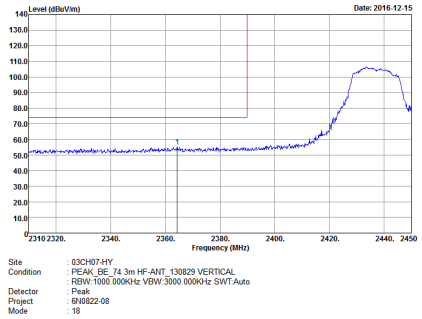
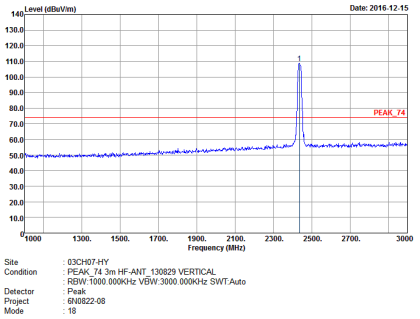
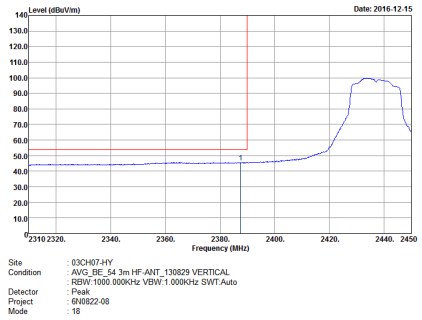
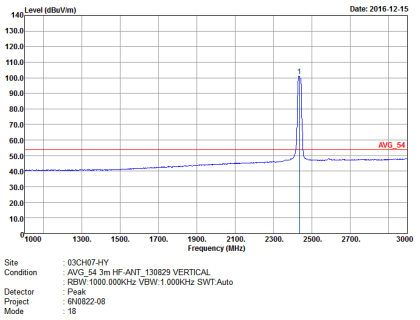
WIFI 802.11n HT20 (Band Edge @ 3m)

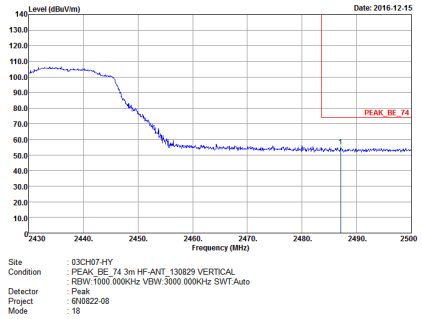
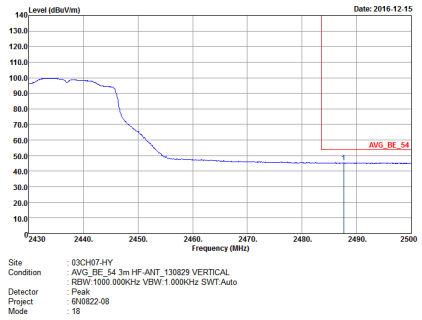
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

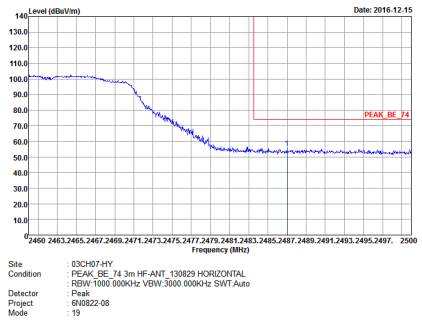
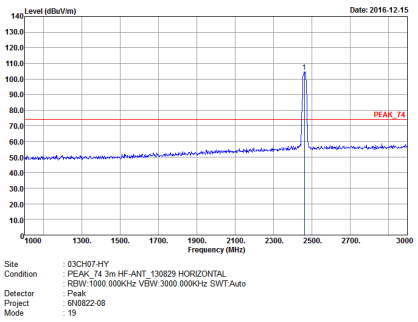
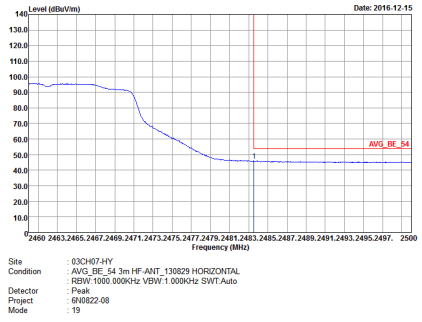
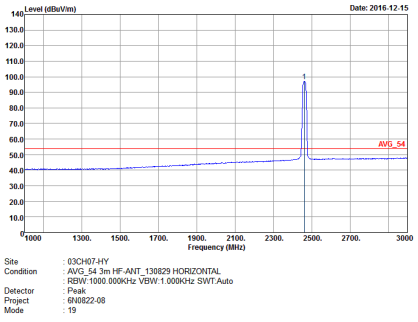
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		

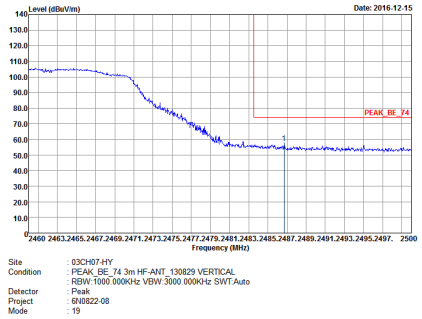
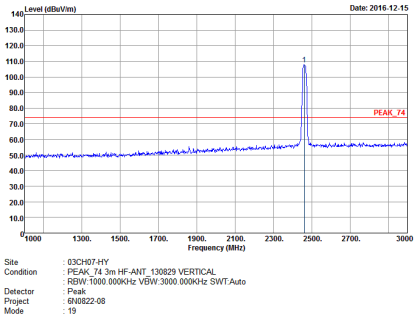
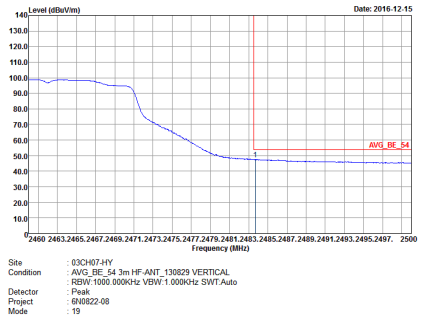
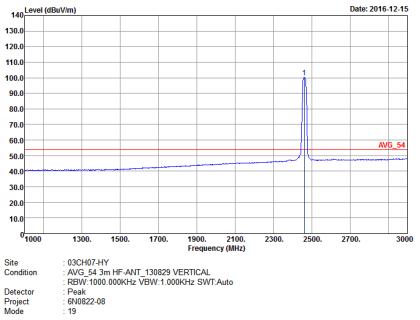
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

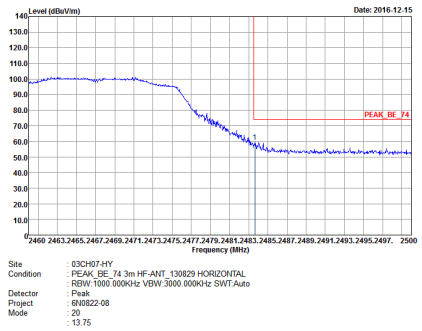
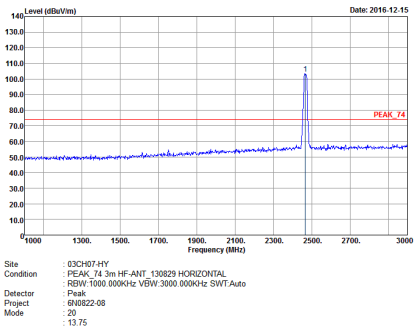
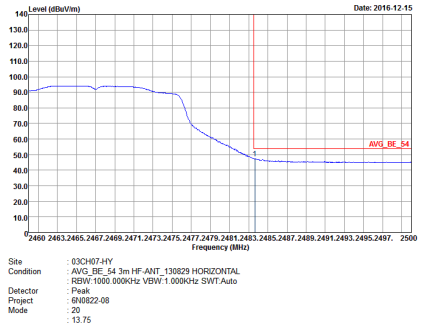
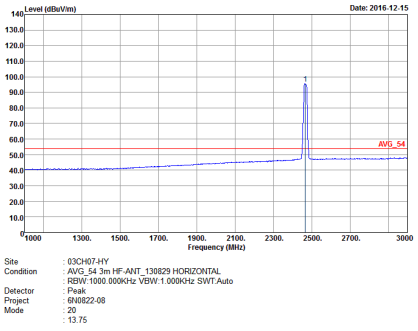
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

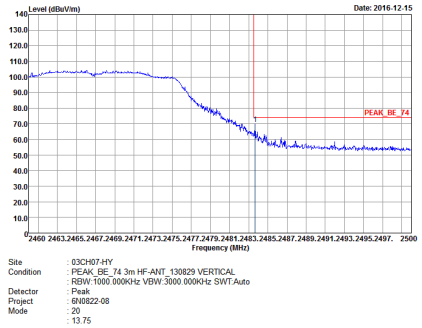
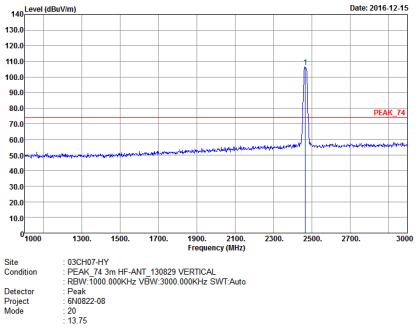
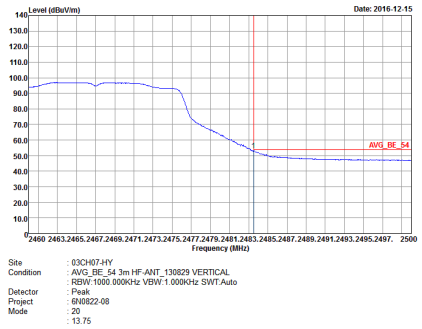
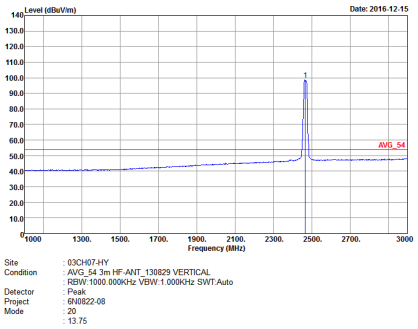
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

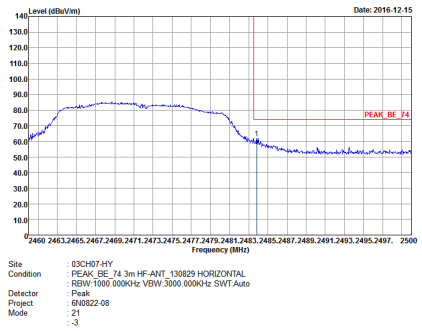
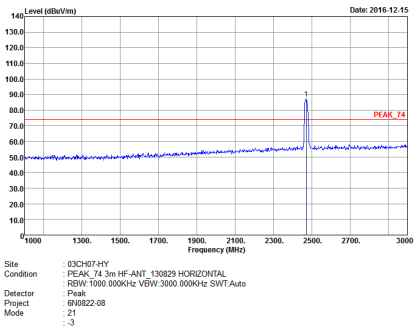
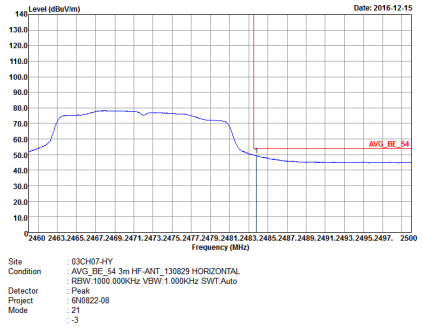
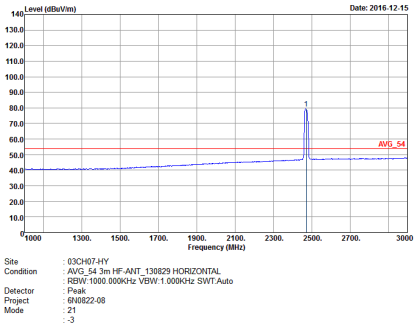
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

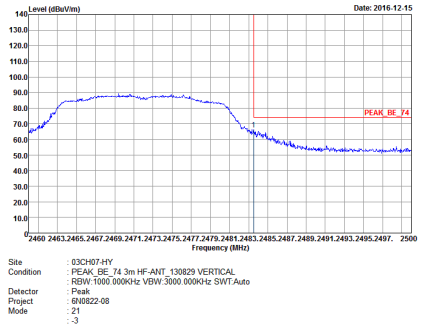
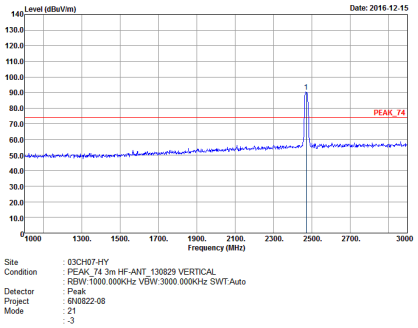
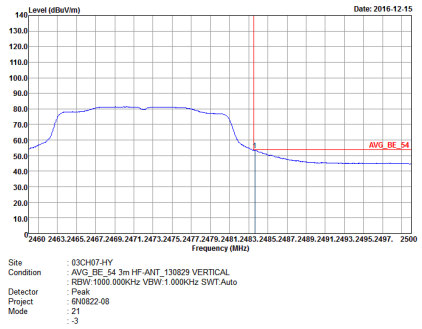
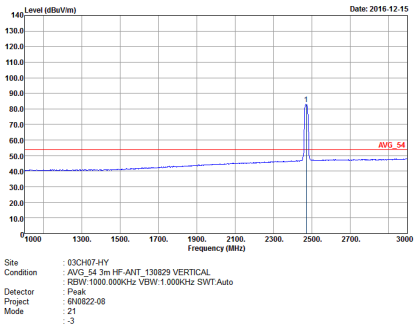
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 19	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 19
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 19	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 19

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
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 : 6N0822-08 Mode : 19	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 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 : 6N0822-08 Mode : 19	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 19

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

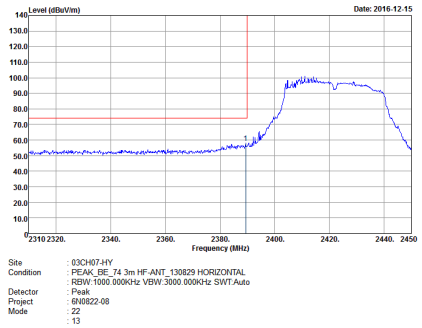
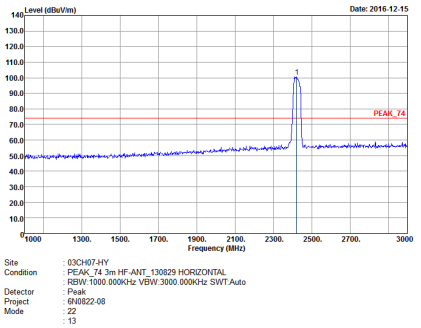
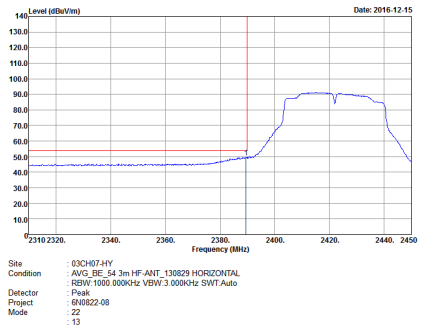
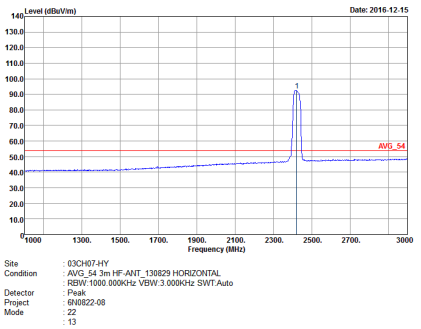
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 20 : 13.75	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 20 : 13.75
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 20 : 13.75	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 20 : 13.75

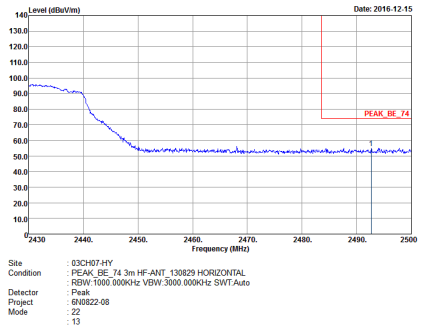
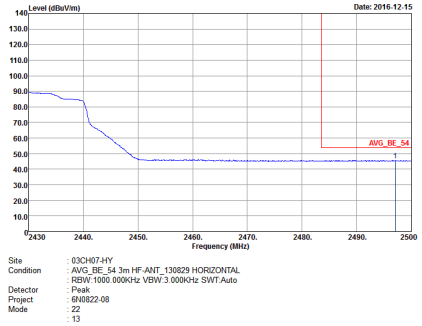
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

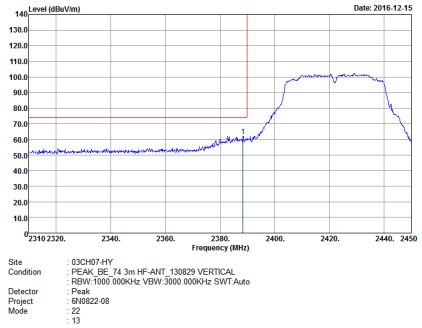
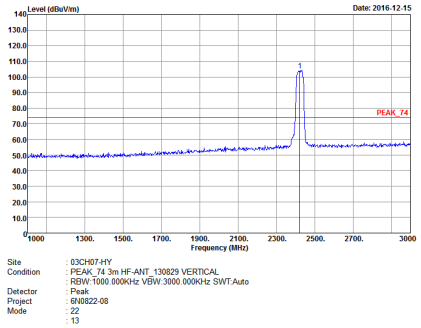
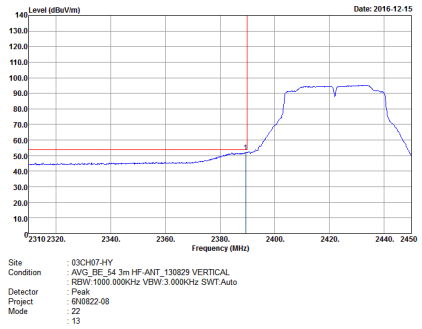
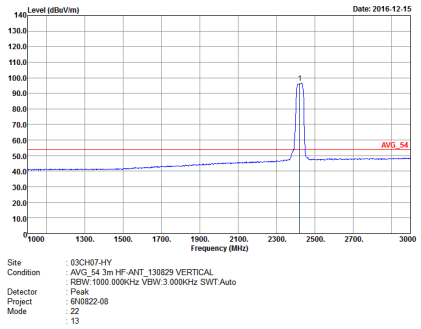
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 21 : -3	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 21 : -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 : 6N0822-08 Mode : 21 : -3	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 21 : -3

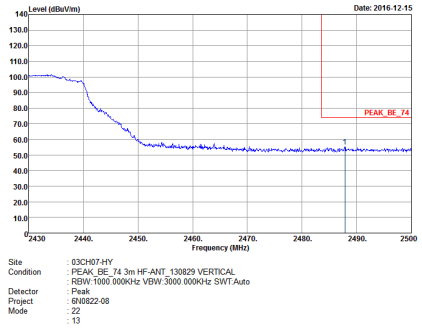
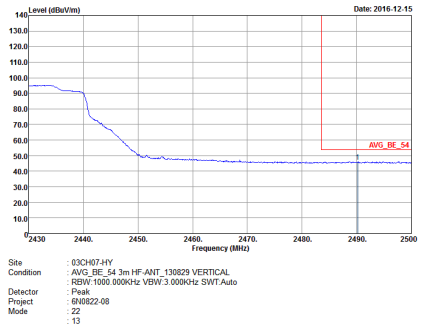
2.4GHz 2400~2483.5MHz

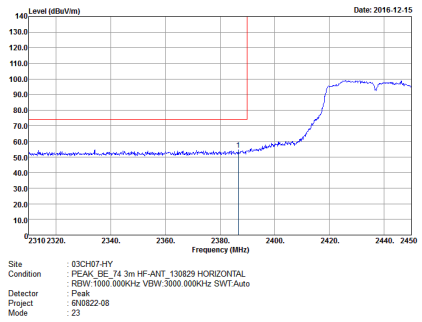
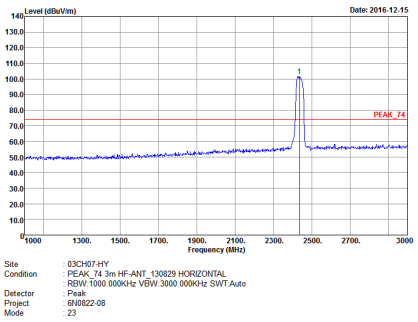
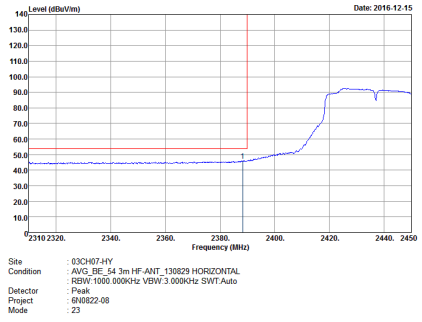
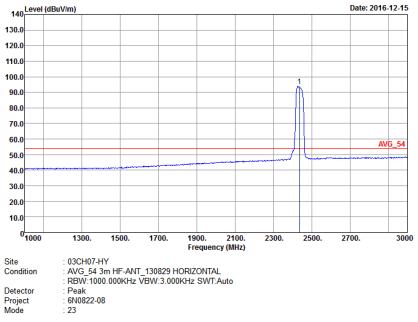
WIFI 802.11n HT40 (Band Edge @ 3m)

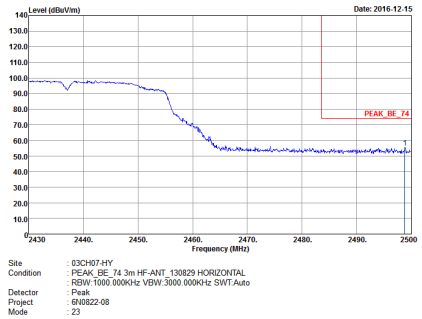
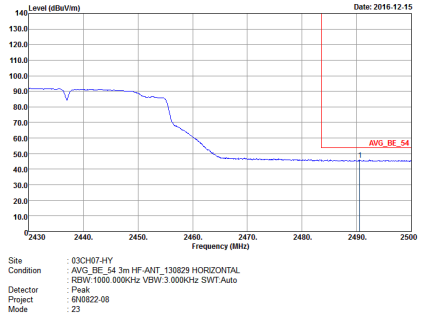
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

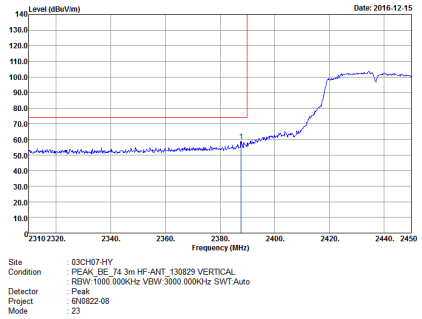
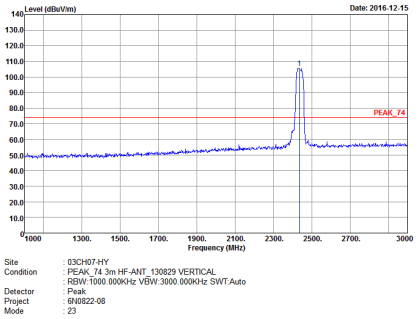
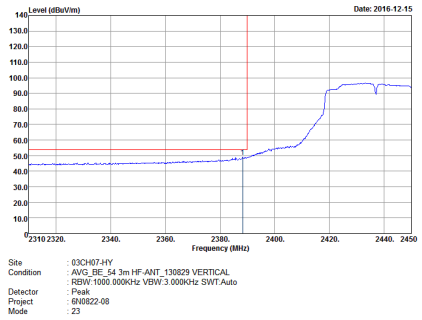
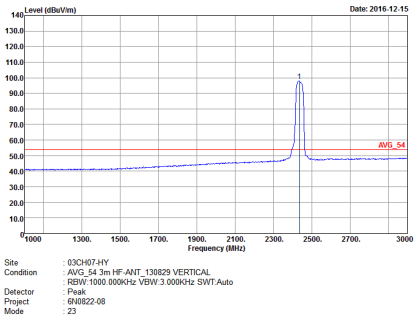
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak		Left Blank
Avg.		Left Blank

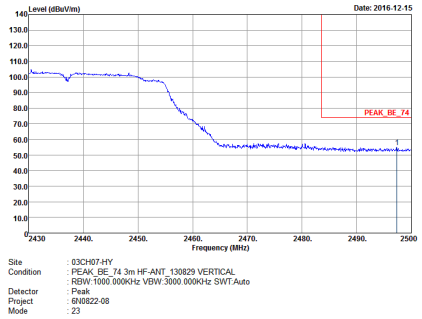
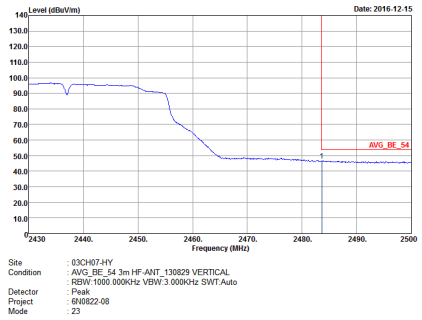
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

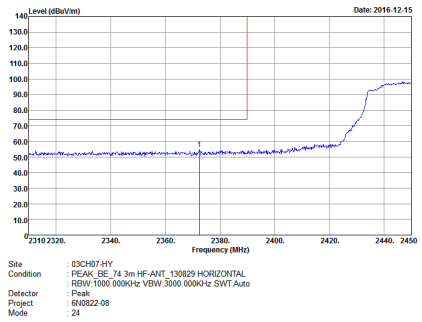
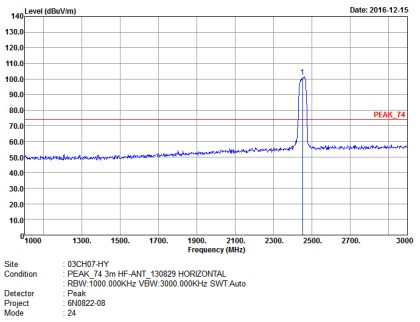
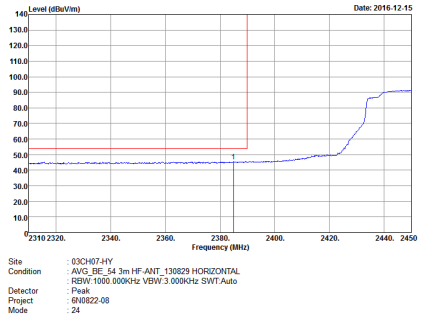
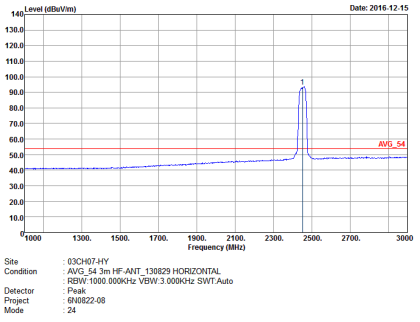
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

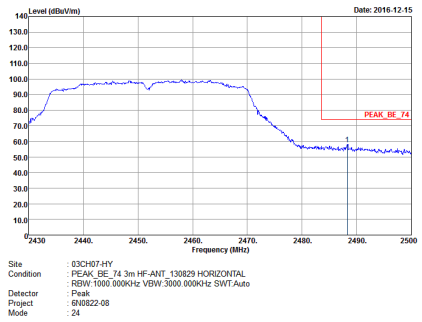
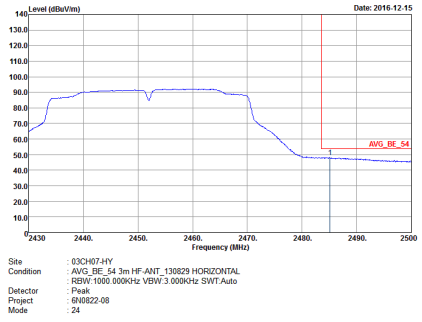
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 23	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 23
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 23	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 23

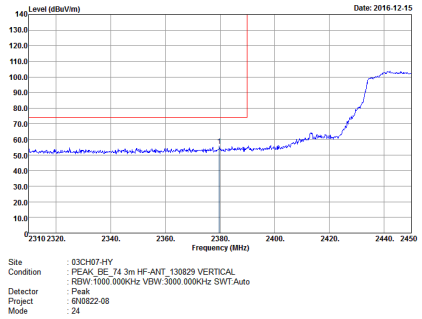
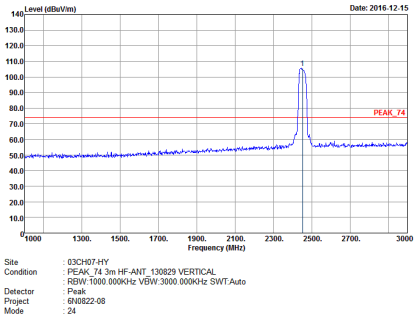
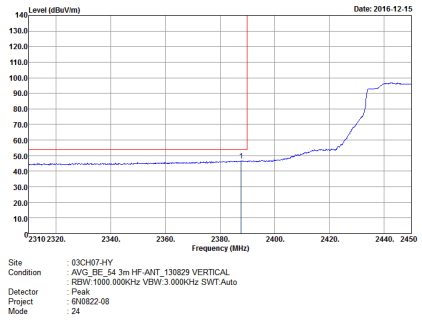
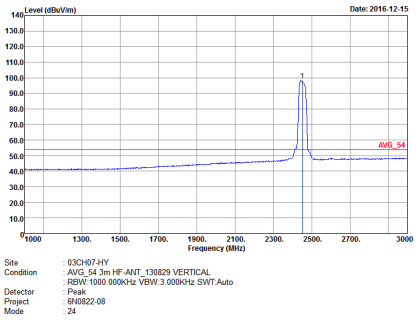
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

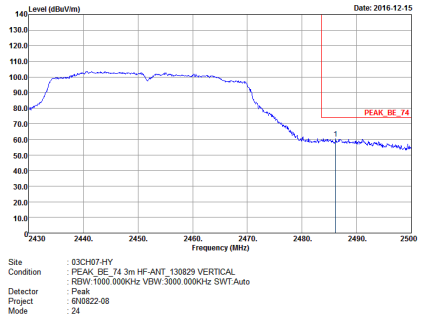
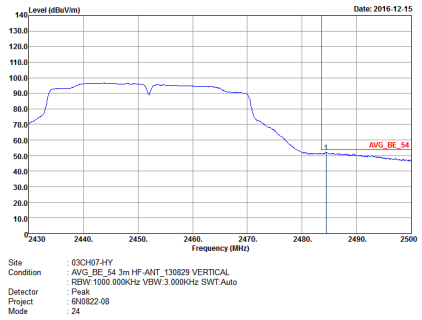
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

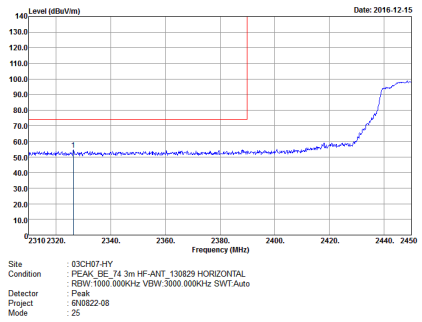
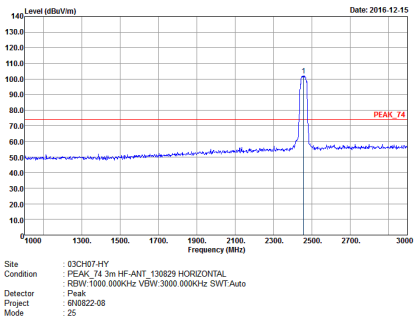
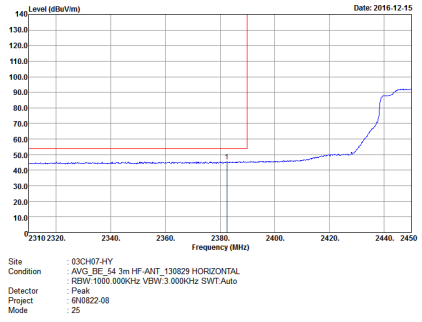
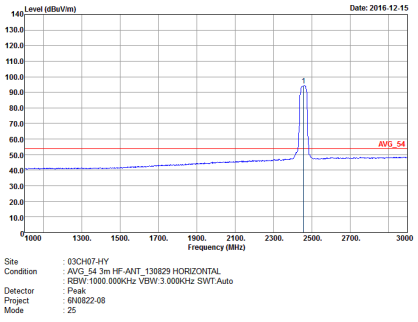
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

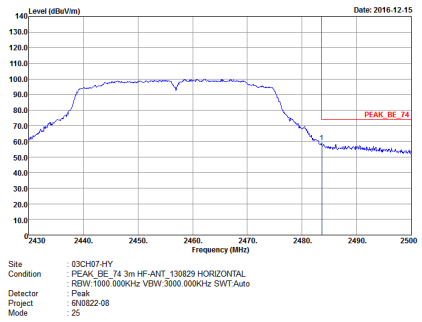
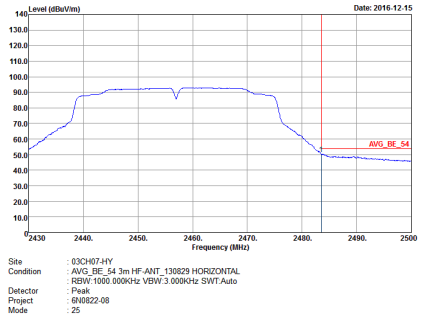
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

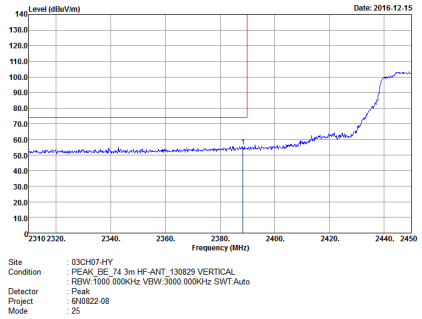
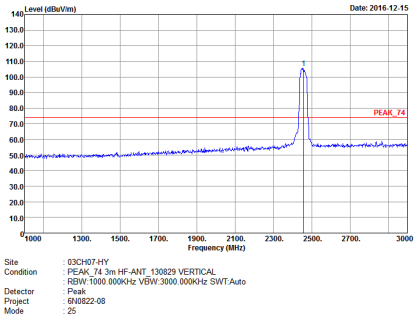
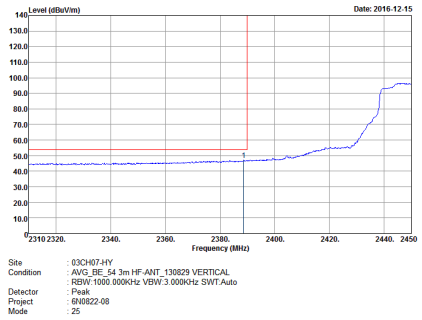
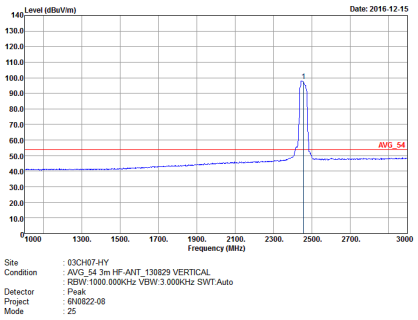
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

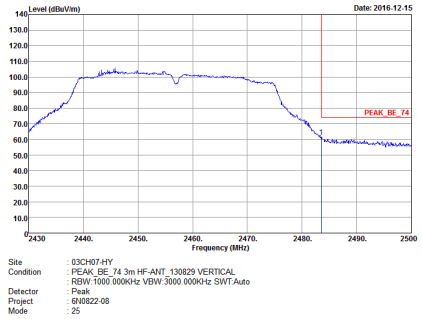
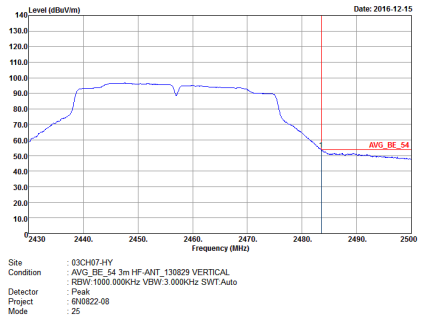
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

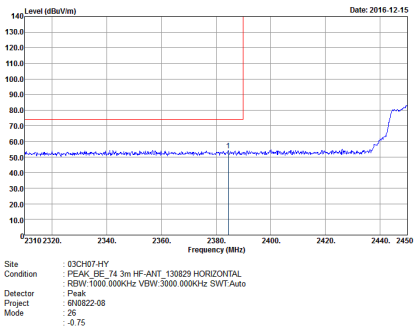
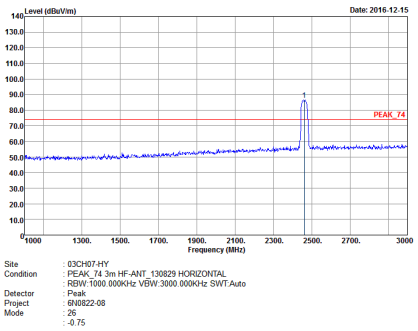
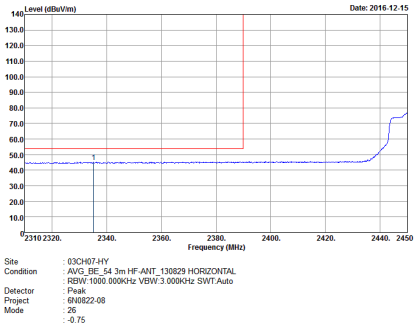
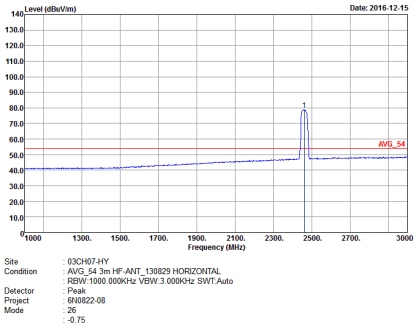
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

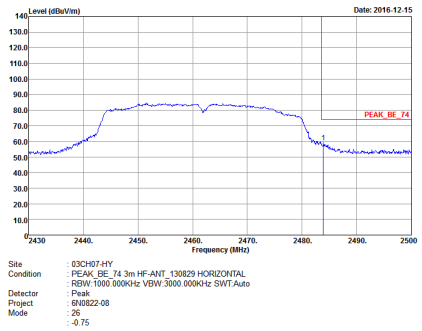
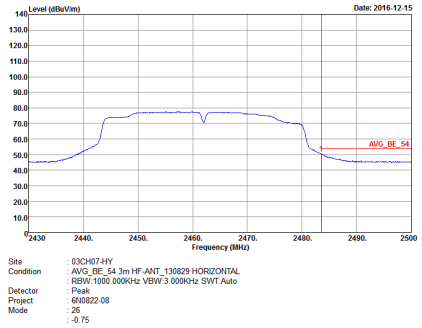
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH10 2457MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 25	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 25
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 25	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 25

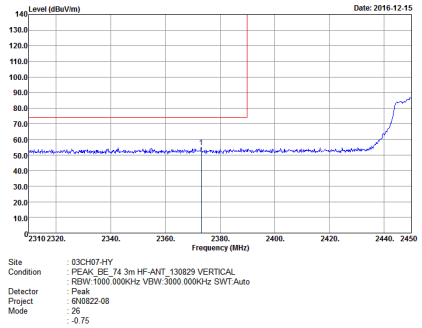
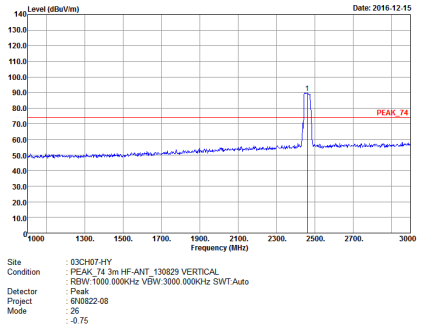
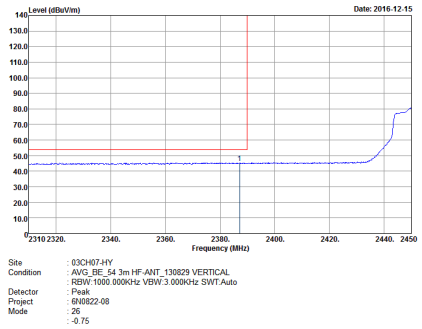
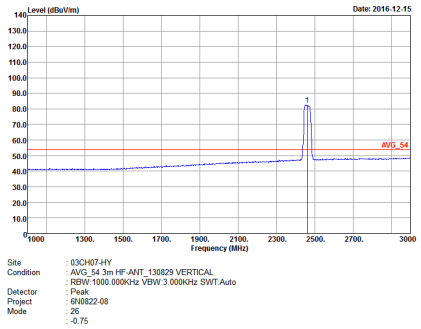
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH10 2457MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

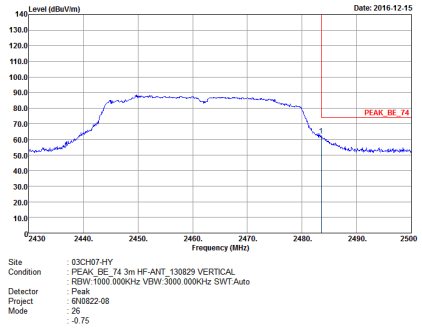
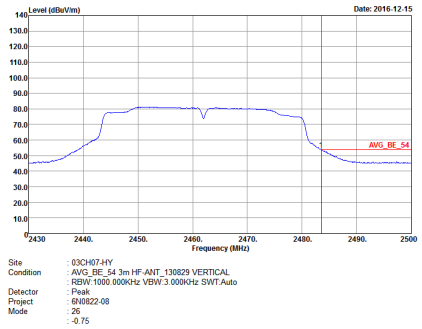
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH10 2457MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH10 2457MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH11 2462MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

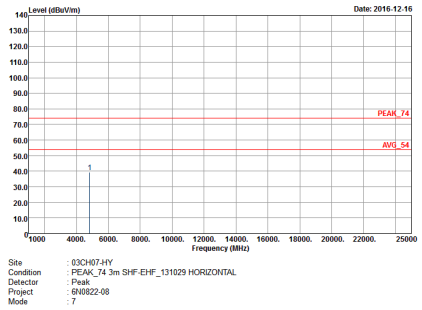
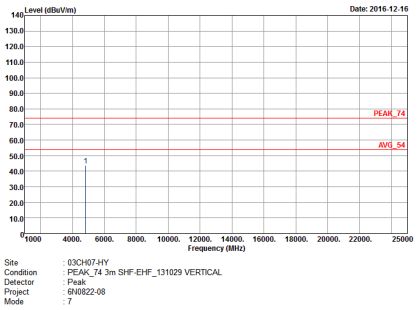
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH11 2462MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

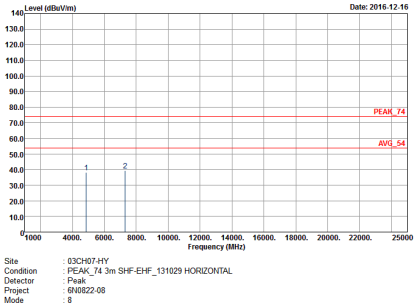
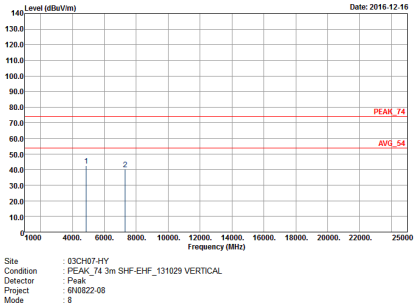
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH11 2462MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

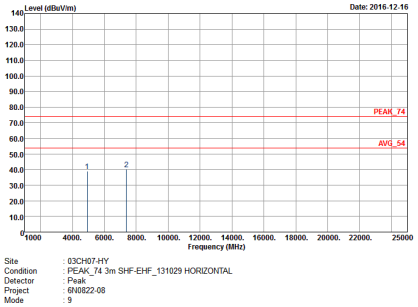
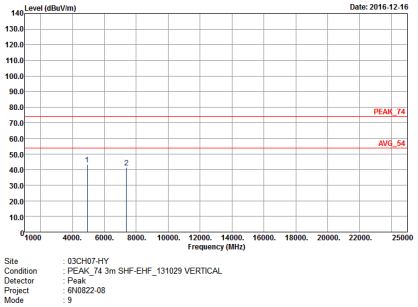
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH11 2462MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

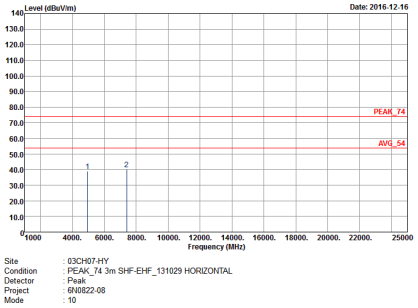
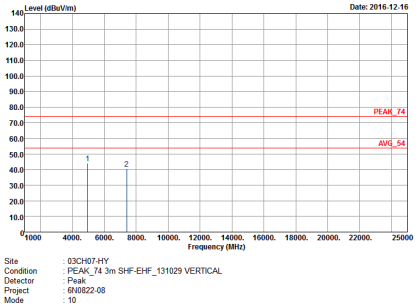
2.4GHz 2400~2483.5MHz

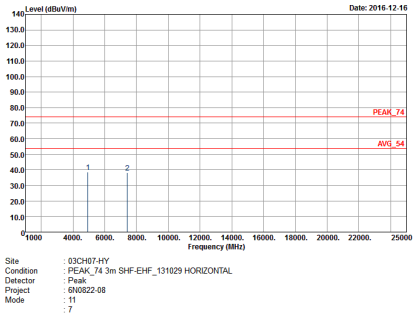
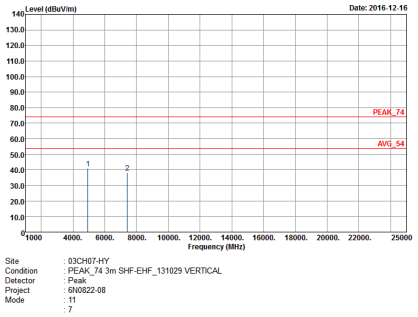
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.		

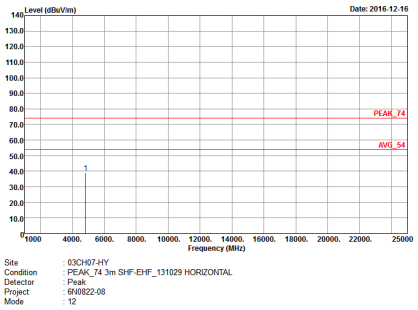
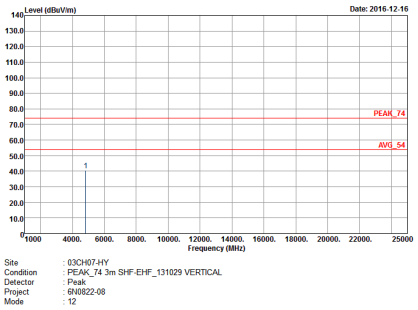
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.		

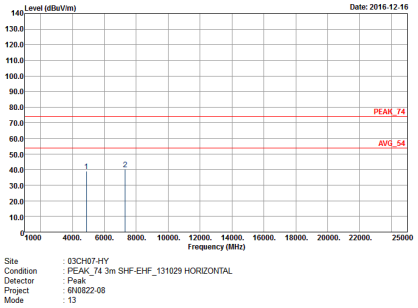
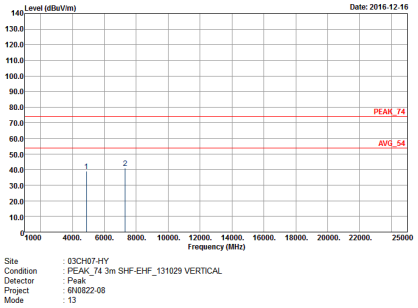
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
1	Horizontal	Vertical
Peak Avg.		

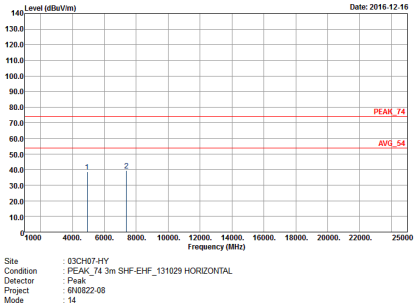
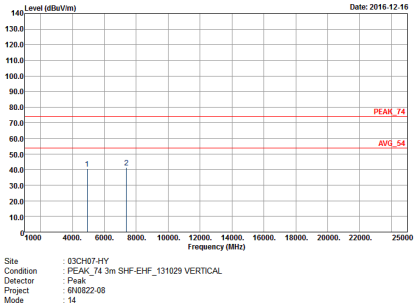
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
1	Horizontal	Vertical
Peak Avg.		

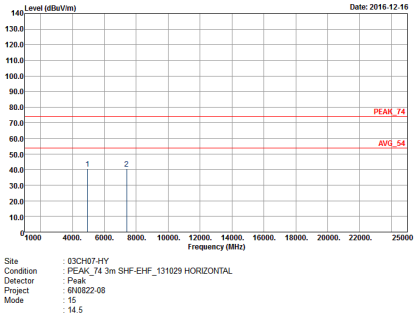
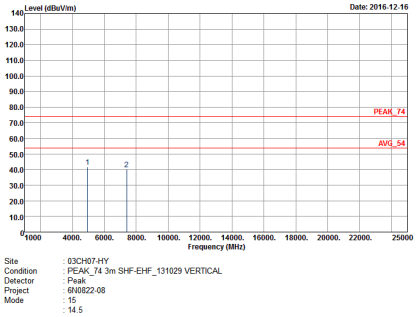
2.4GHz 2400~2483.5MHz

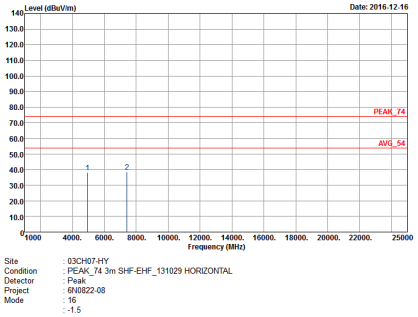
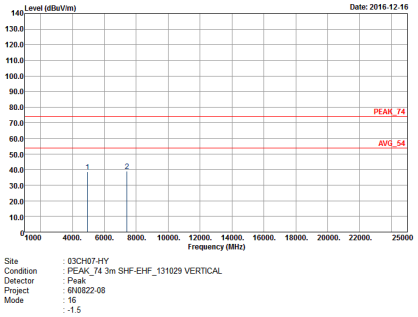
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.		

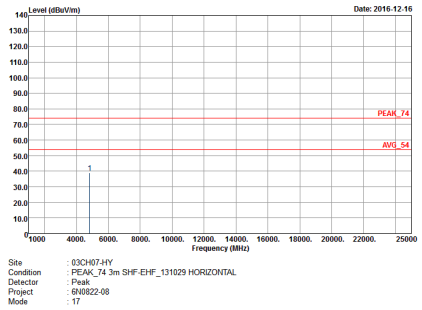
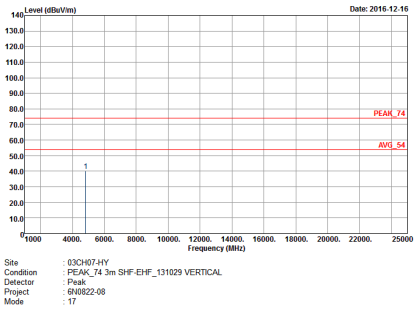
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.		

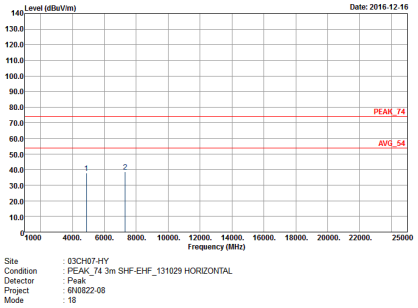
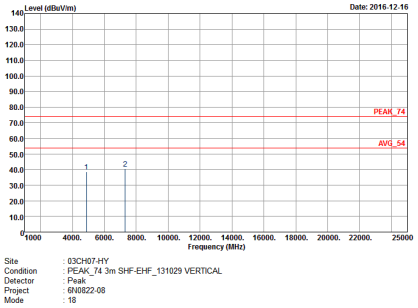
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
1	Horizontal	Vertical
Peak Avg.		

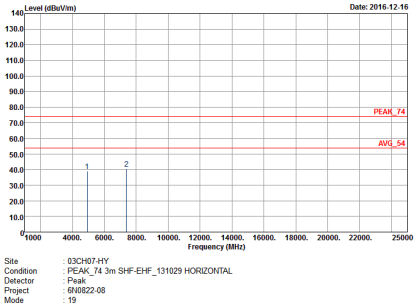
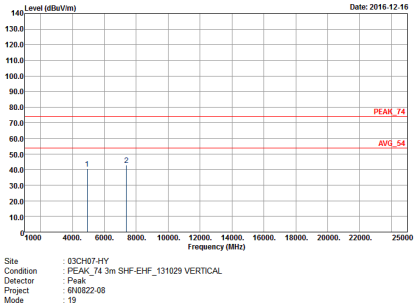
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
1	Horizontal	Vertical
Peak Avg.		

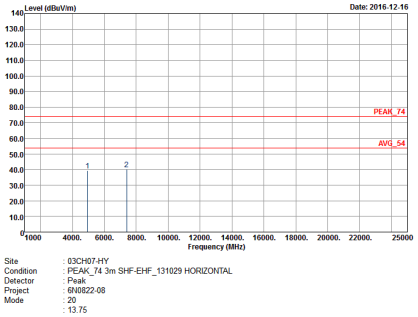
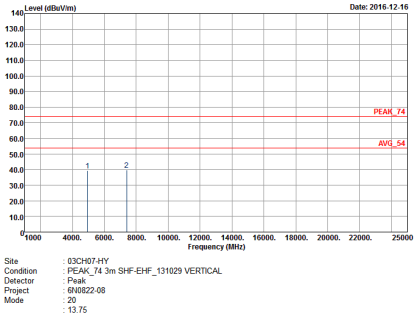
2.4GHz 2400~2483.5MHz

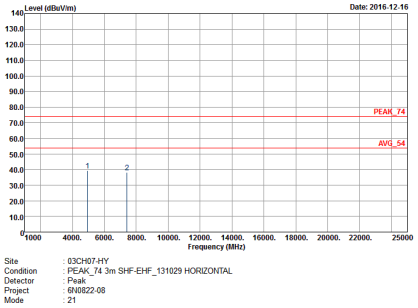
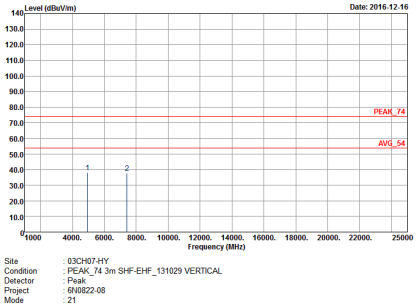
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.		

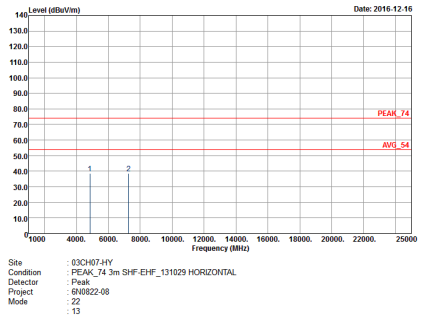
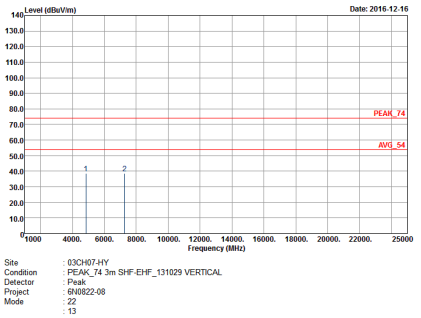
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.		

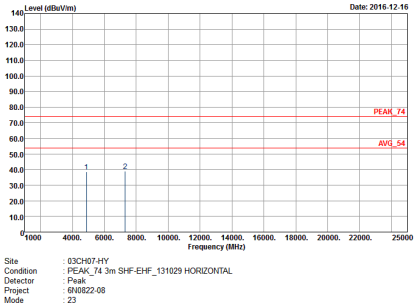
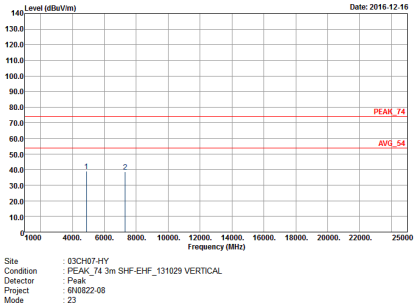
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH12 2462MHz	
1	Horizontal	Vertical
Peak Avg.		

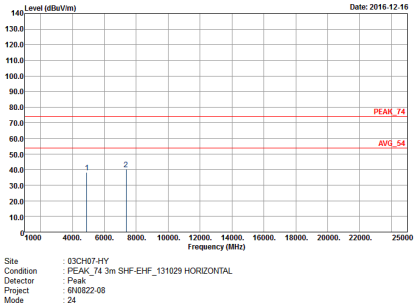
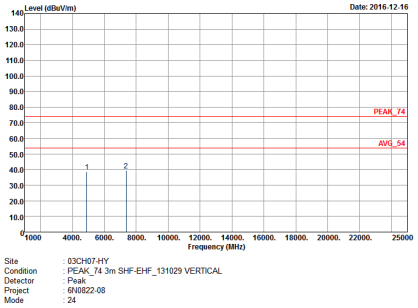
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Horizontal	Vertical
Peak Avg.		

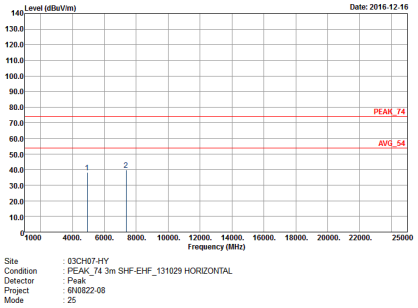
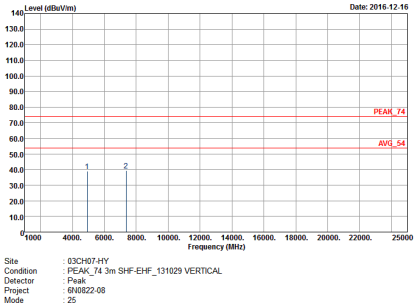
2.4GHz 2400~2483.5MHz

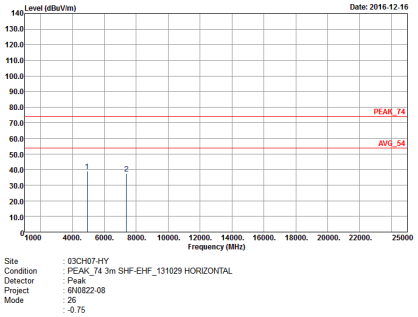
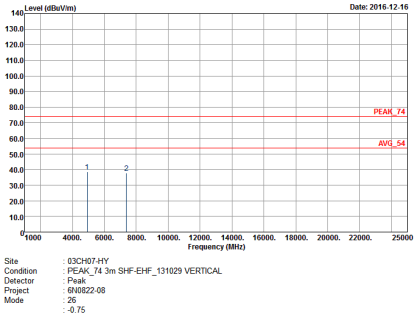
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.		

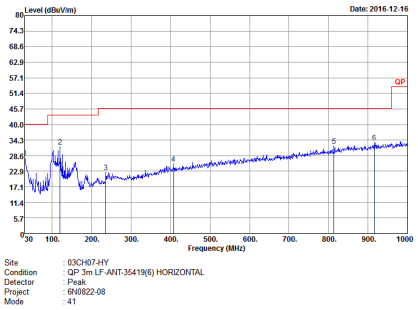
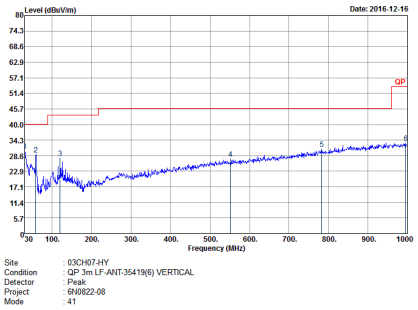
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH10 2457MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.		

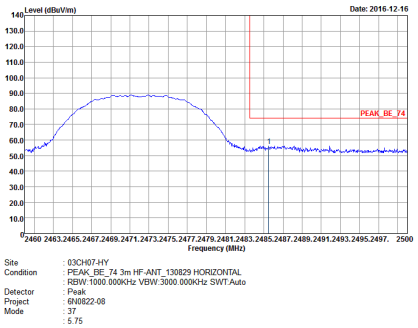
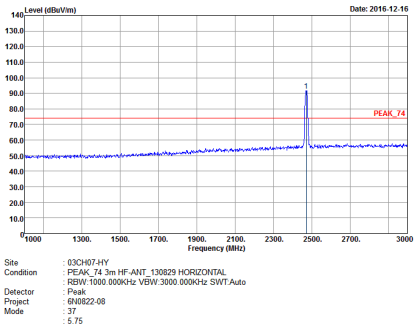
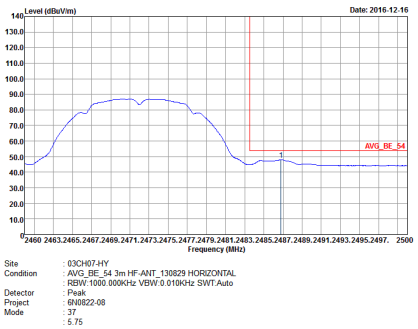
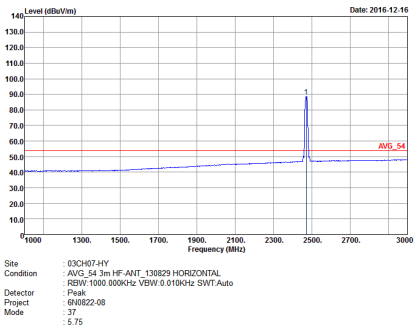
Emission below 1GHz

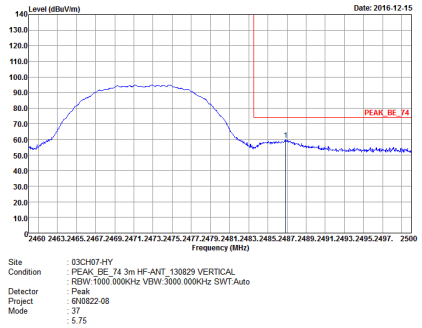
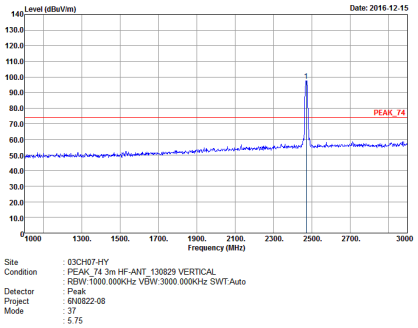
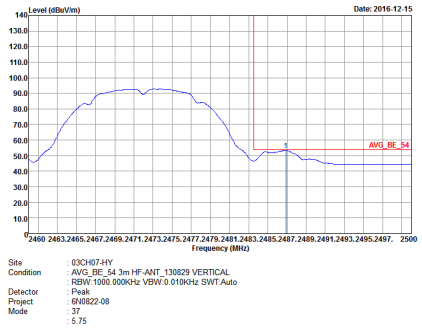
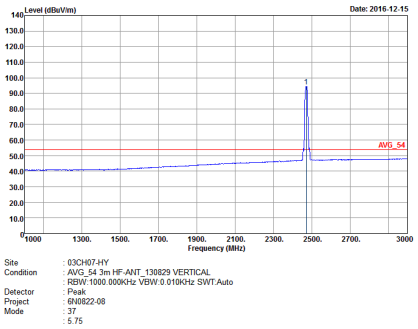
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
1	Horizontal	Vertical
QP / Peak		

2.4GHz 2400~2483.5MHz

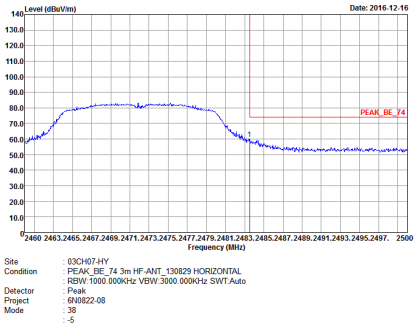
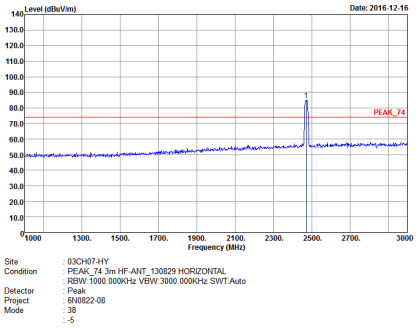
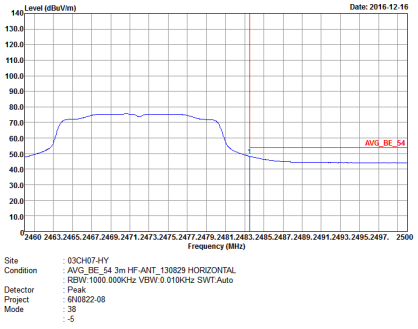
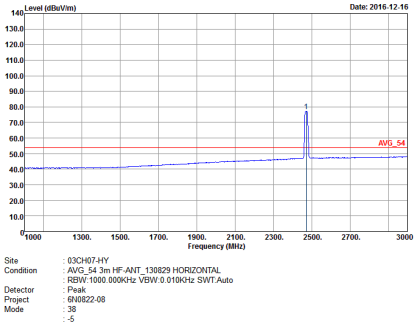
WIFI 802.11b (Band Edge @ 3m)

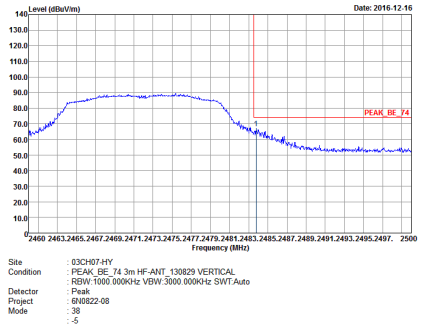
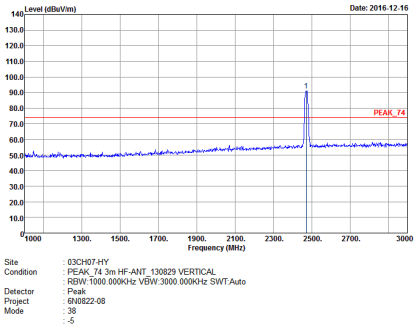
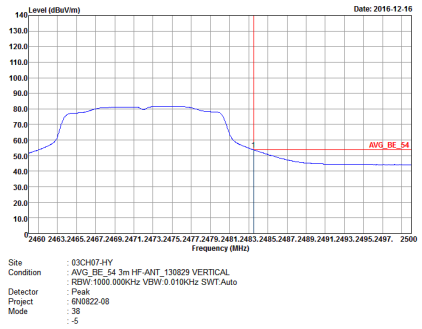
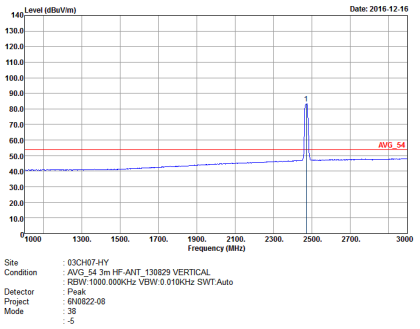
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
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 : 6N0822-08 Mode : 37 : 5.75	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 37 : 5.75
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 37 : 5.75	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 37 : 5.75

2.4GHz 2400~2483.5MHz

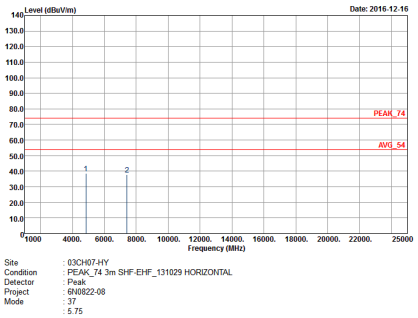
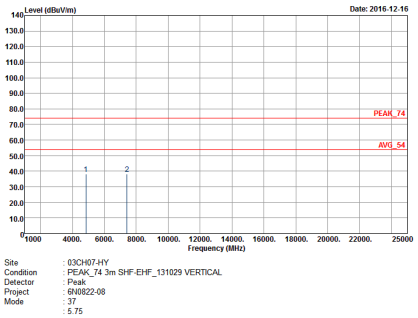
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
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 : 6N0822-08 Mode : 38 : -5	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 38 : -5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 38 : -5	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 38 : -5

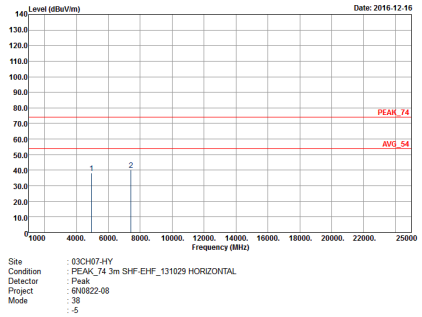
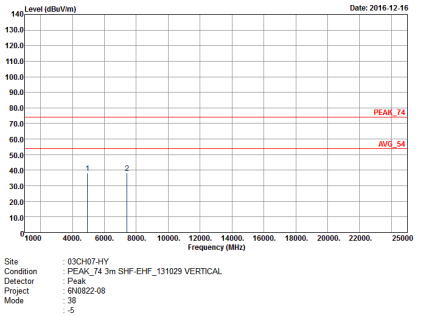
2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
2	Horizontal	Vertical
Peak Avg.		

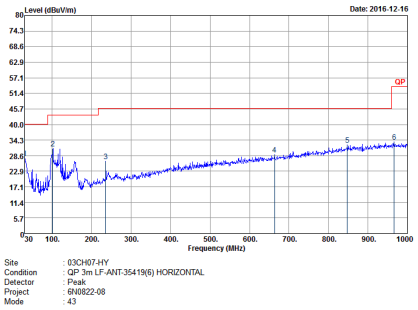
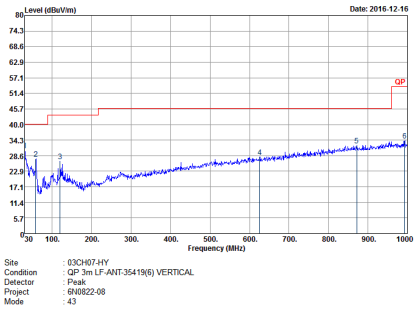
2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
2	Horizontal	Vertical
Peak Avg.		

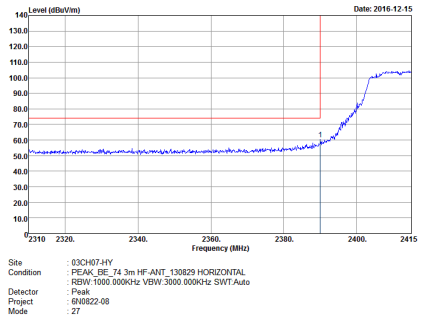
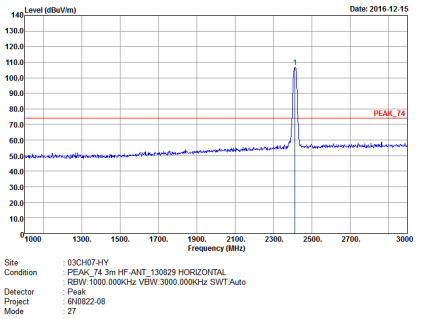
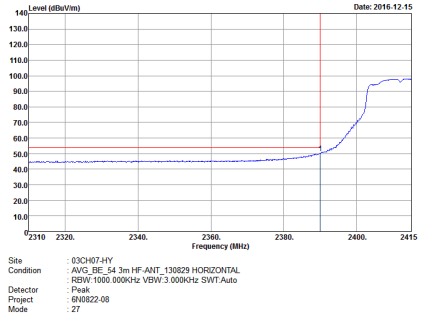
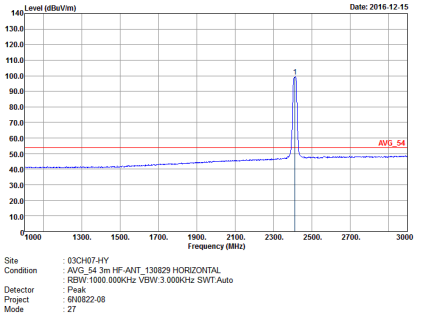
Emission below 1GHz

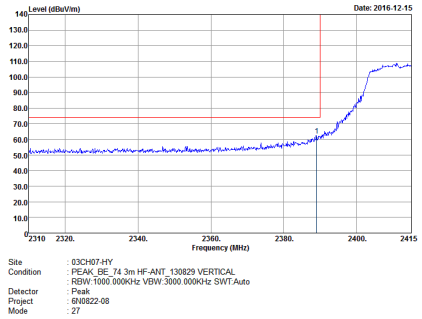
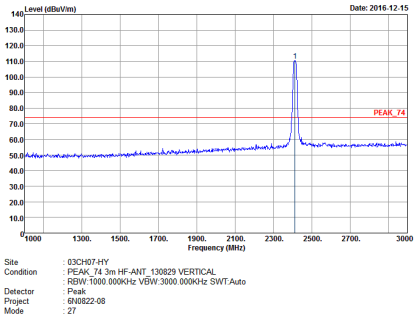
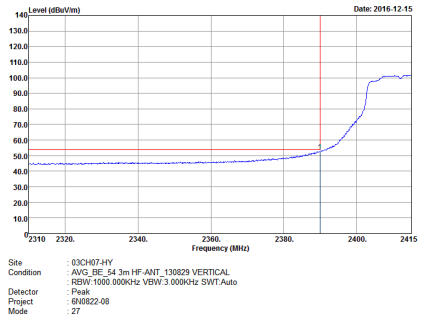
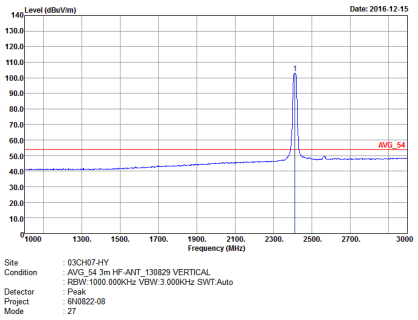
2.4GHz WIFI 802.11g (LF)

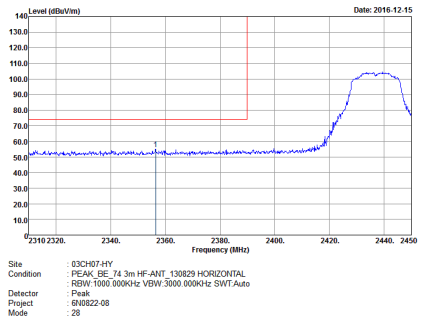
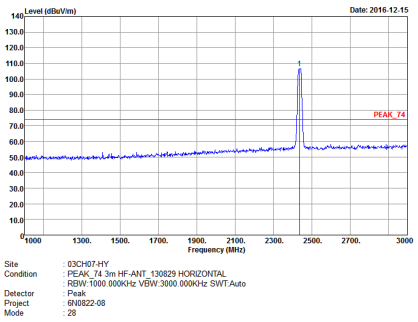
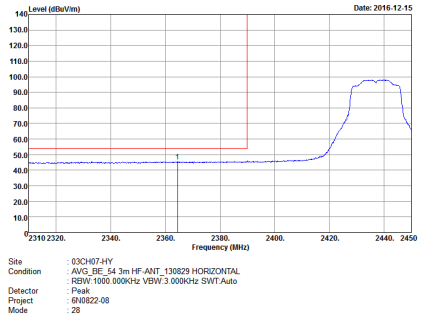
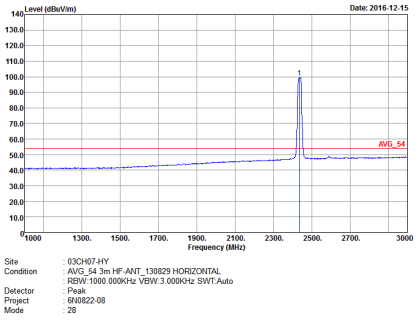
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
2	Horizontal	Vertical
QP / Peak		

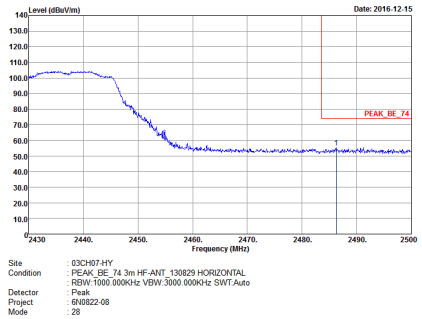
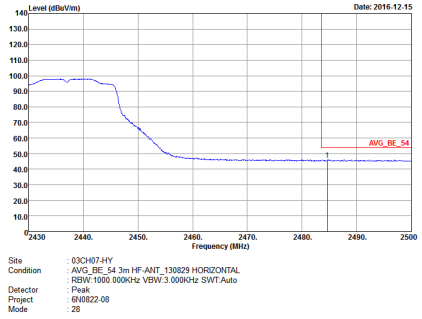
2.4GHz 2400~2483.5MHz

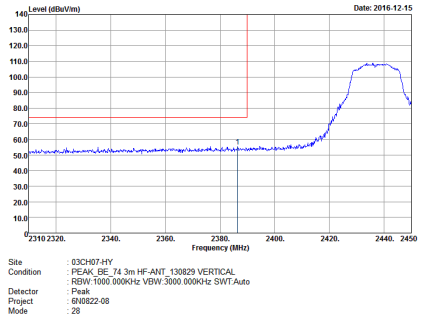
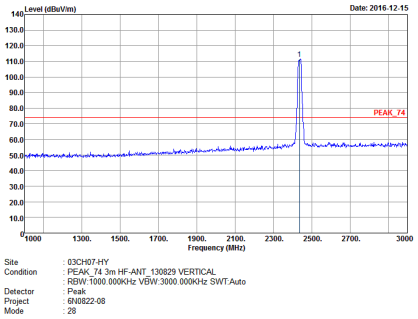
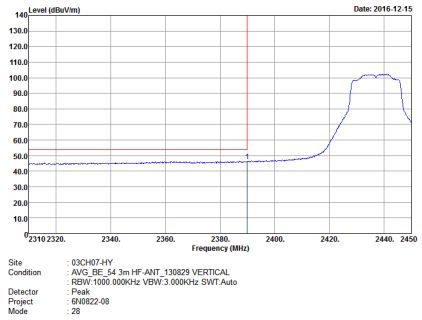
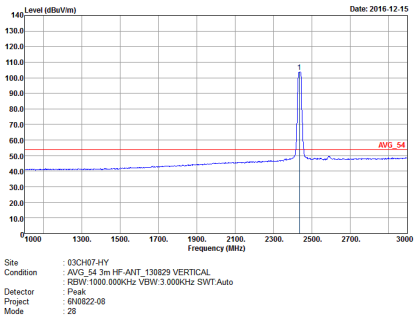
WIFI 802.11n HT20 (Band Edge @ 3m)

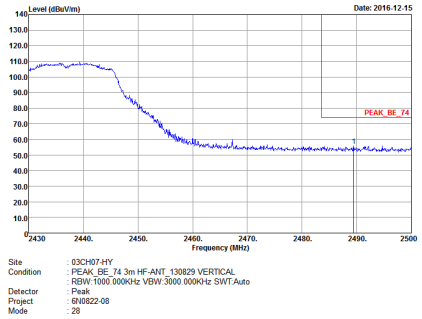
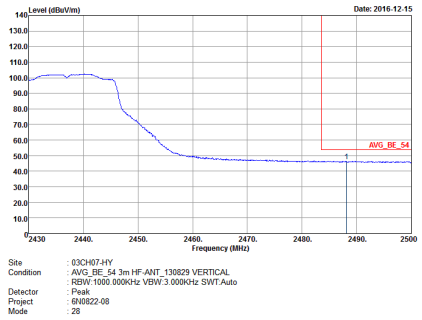
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

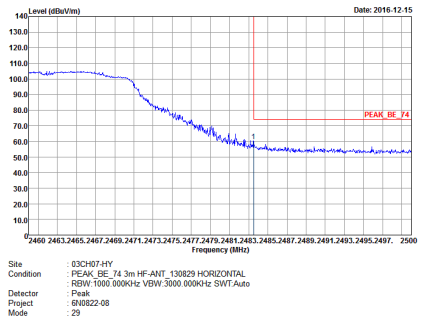
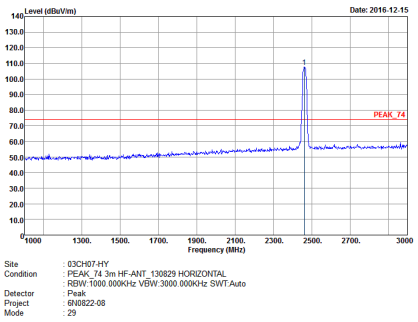
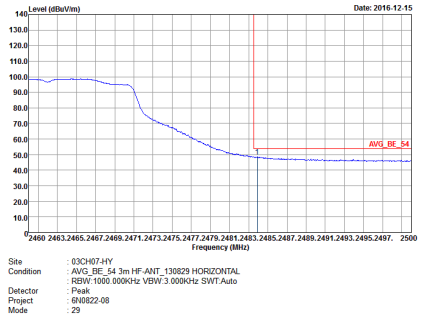
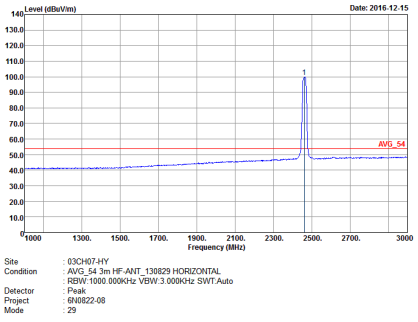
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		

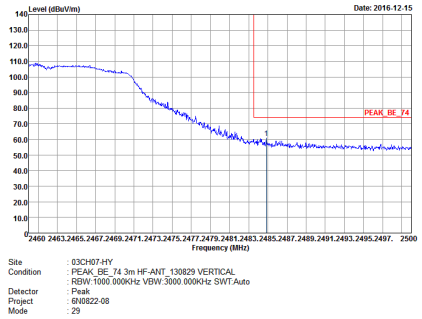
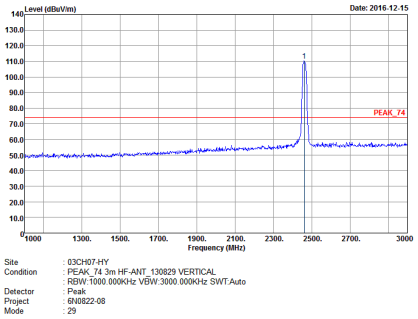
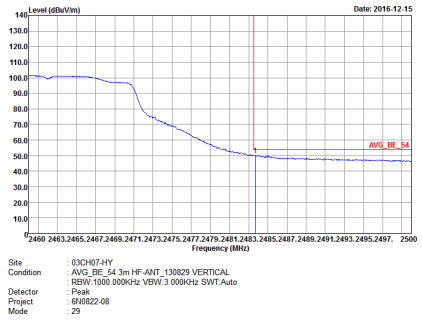
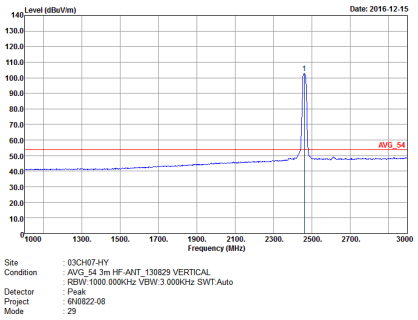
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

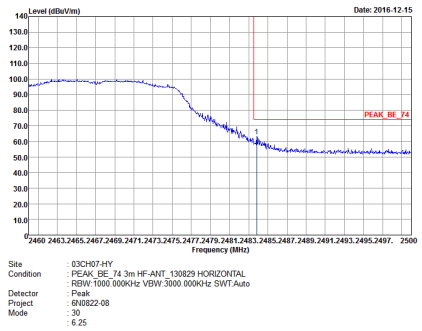
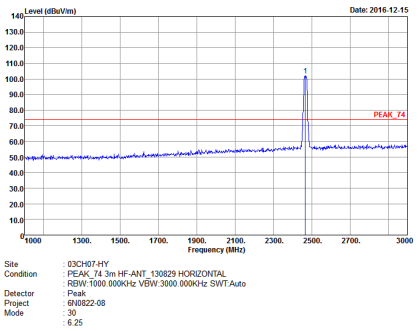
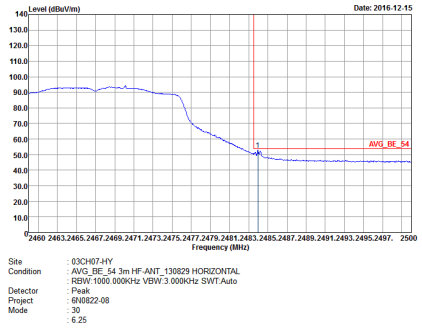
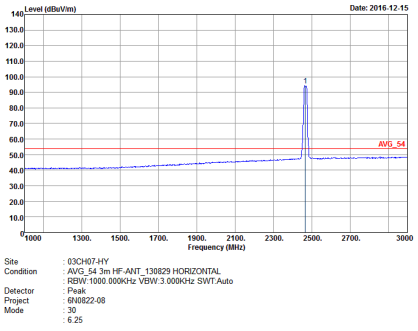
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

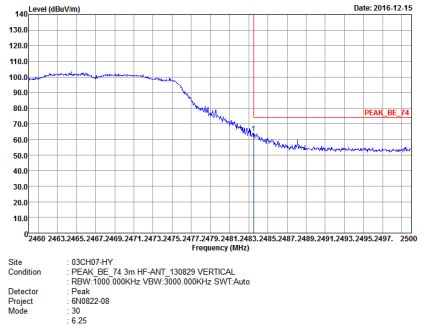
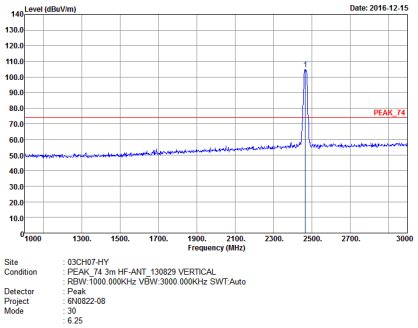
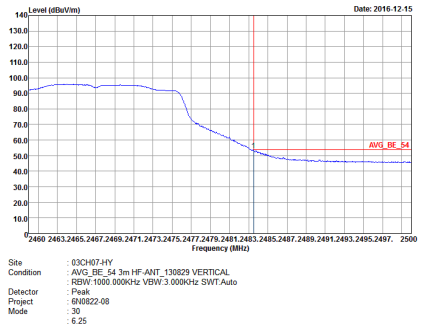
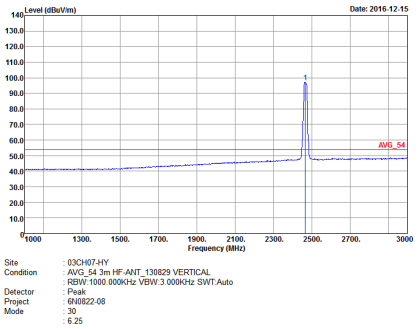
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

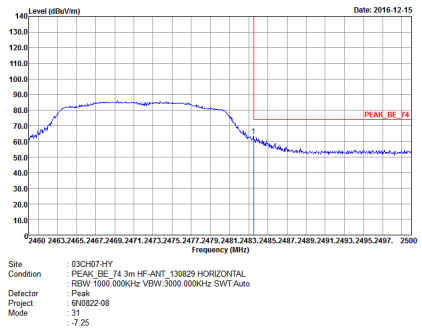
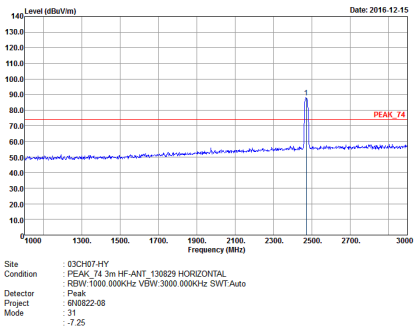
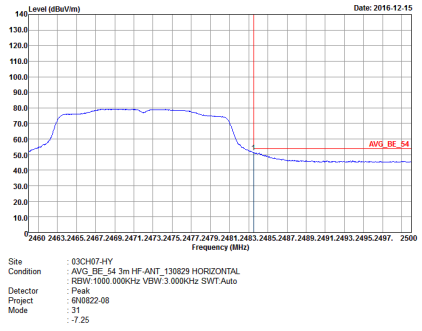
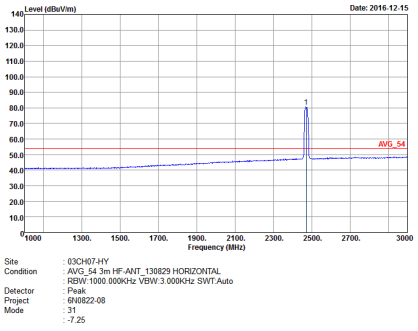
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

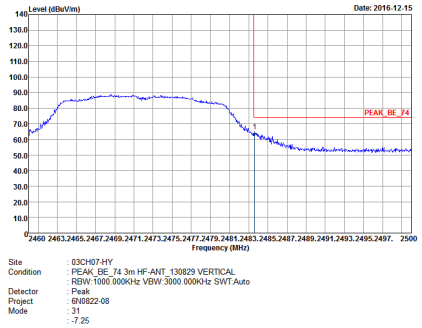
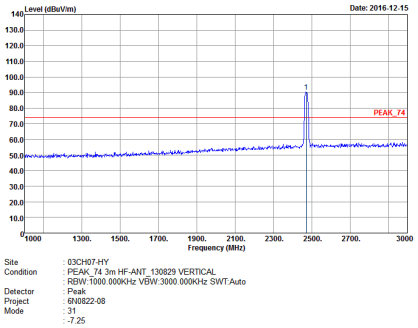
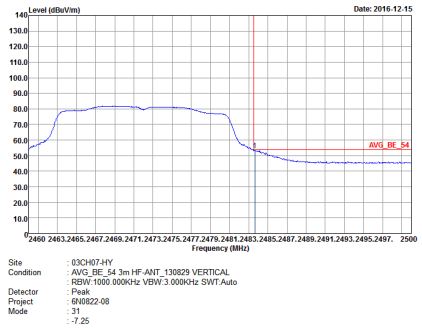
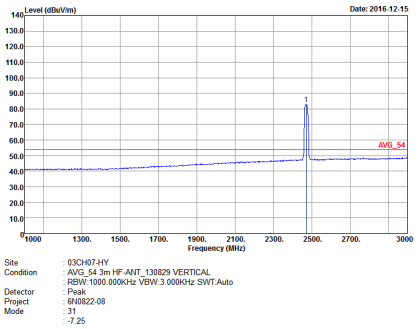
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+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 : 6N0822-08 Mode : 29	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 29
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 29	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 29

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

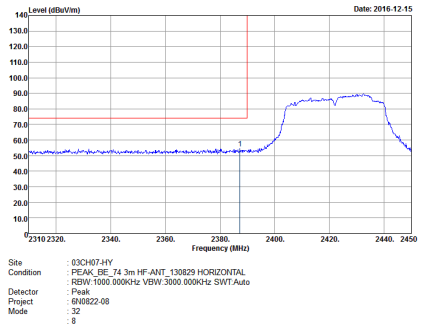
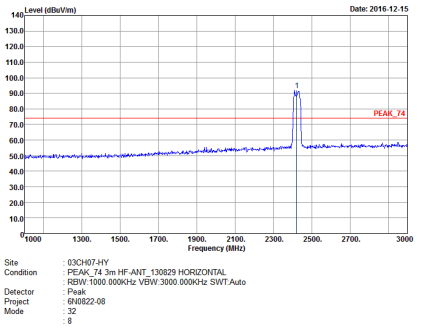
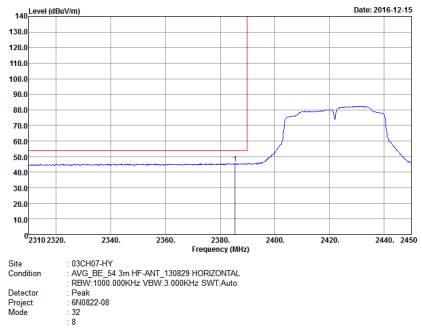
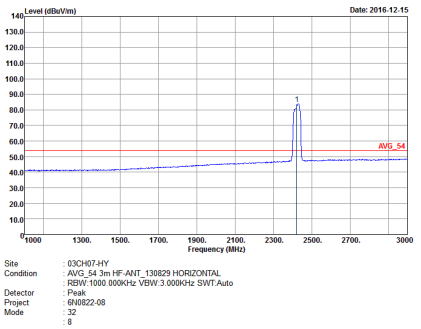
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 30 : 6.25	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 30 : 6.25
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 30 : 6.25	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 30 : 6.25

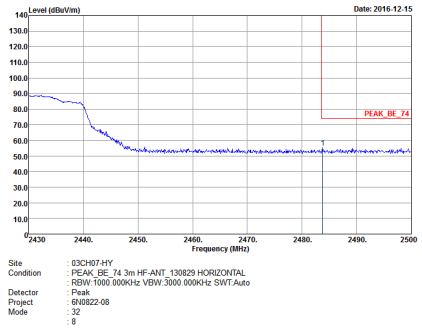
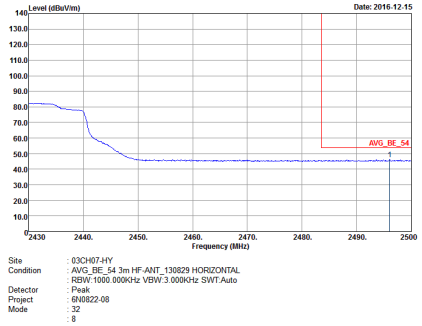
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 31 : -7.25	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 31 : -7.25
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 31 : -7.25	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 31 : -7.25

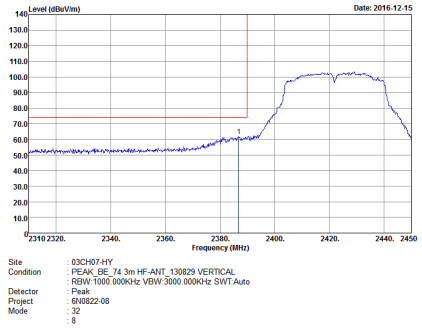
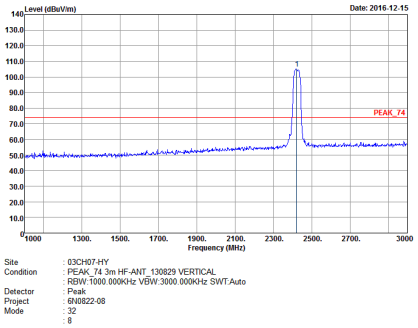
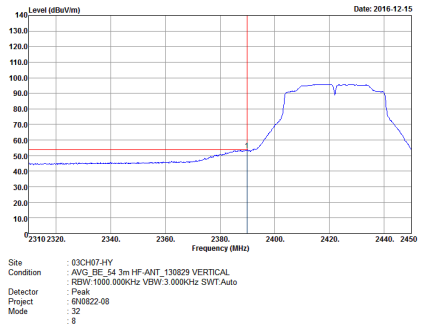
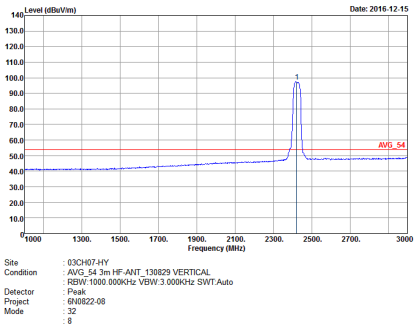
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 31 : -7.25	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 31 : -7.25
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 31 : -7.25	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 31 : -7.25

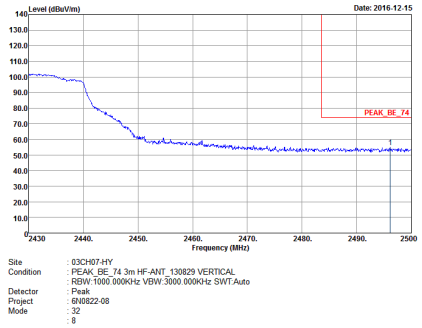
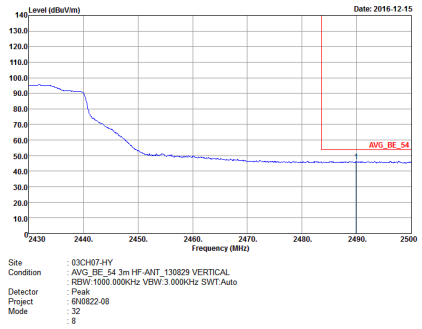
2.4GHz 2400~2483.5MHz

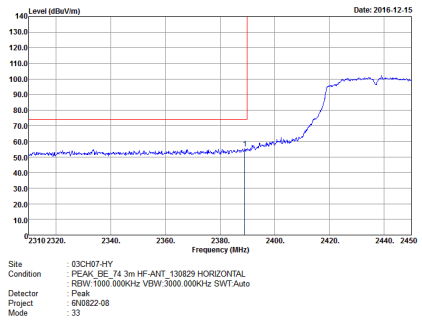
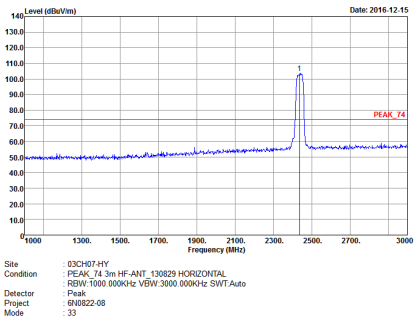
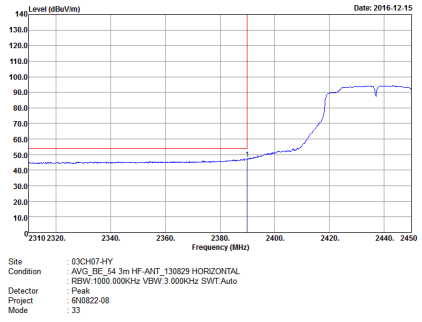
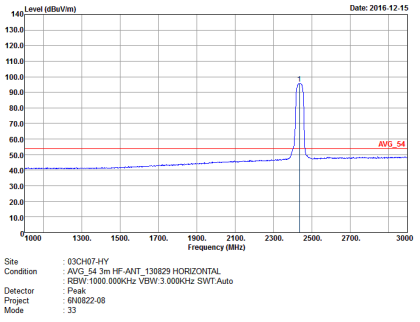
WIFI 802.11n HT40 (Band Edge @ 3m)

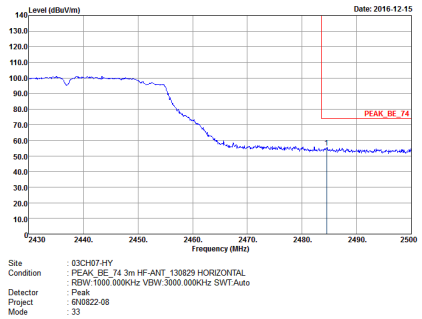
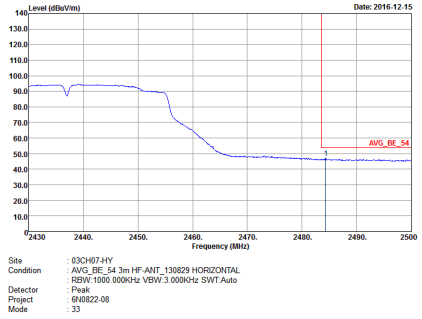
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

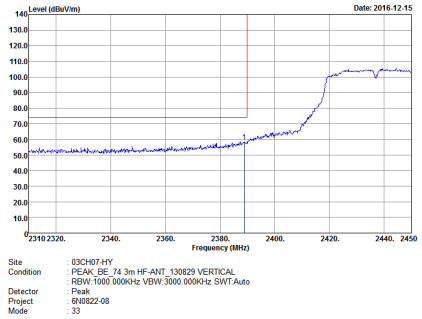
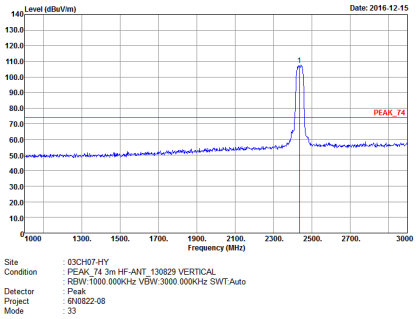
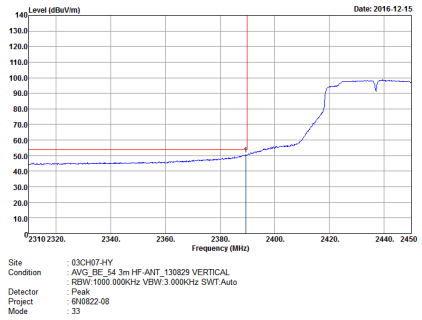
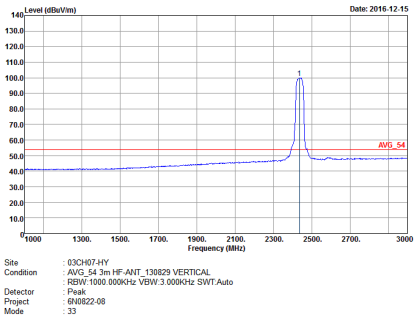
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak		Left Blank
Avg.		Left Blank

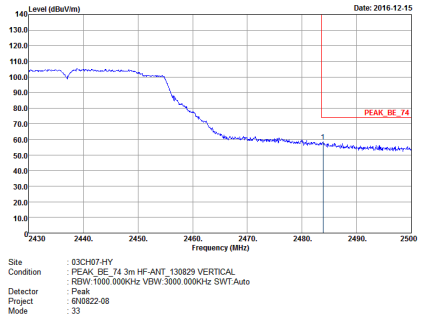
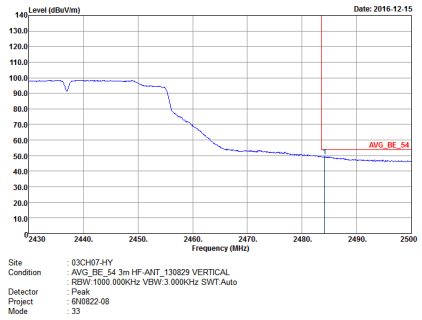
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

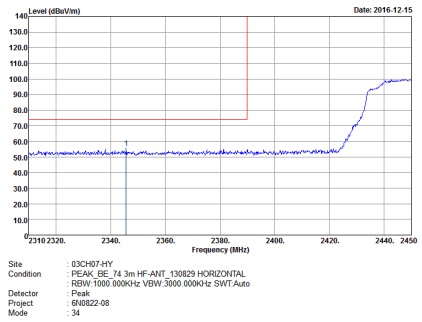
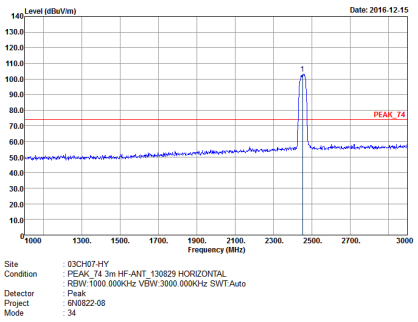
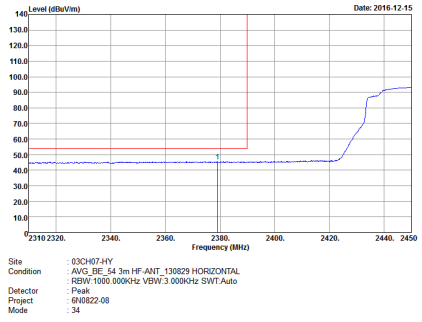
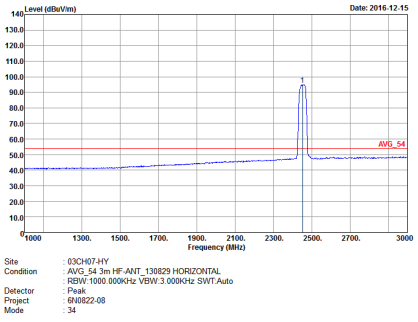
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

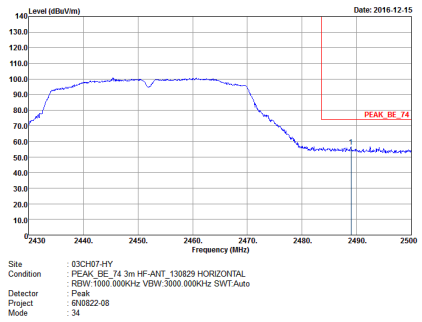
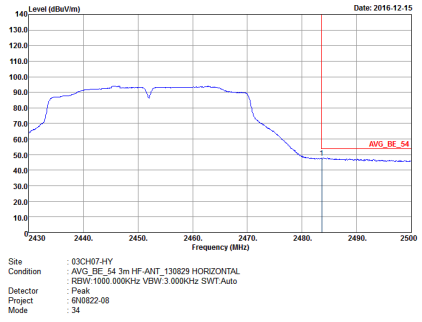
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

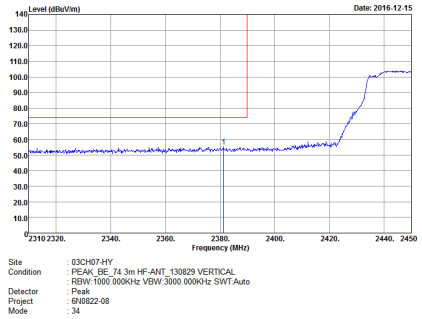
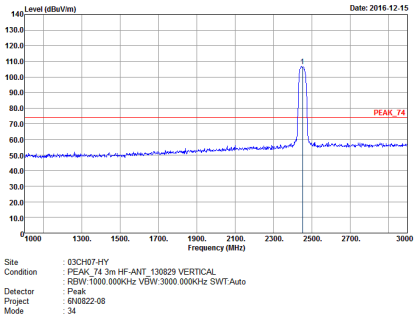
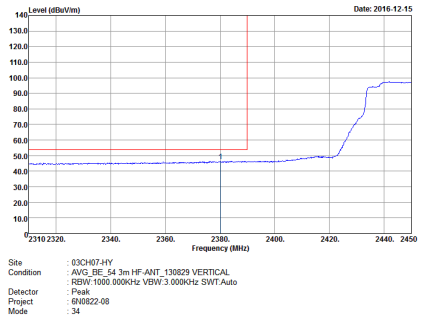
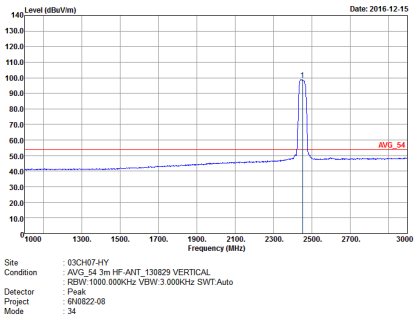
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

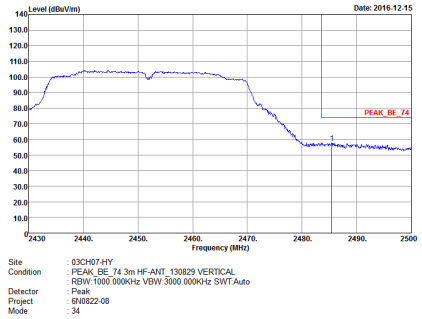
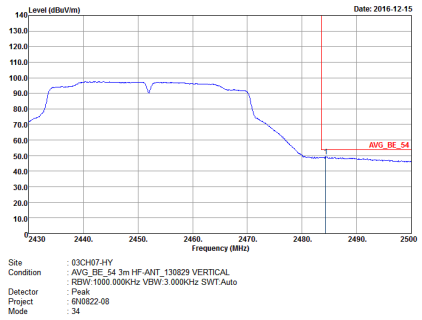
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

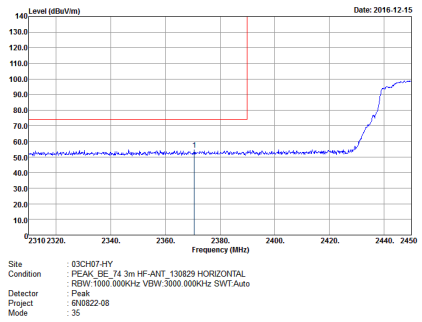
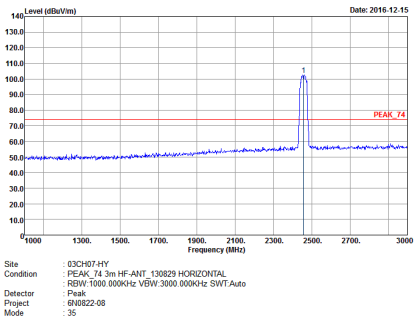
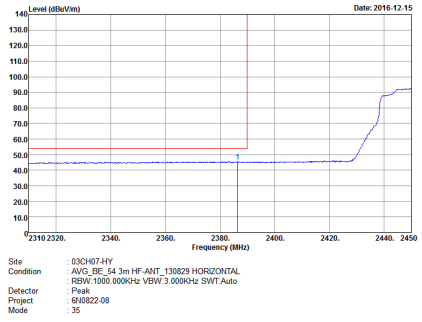
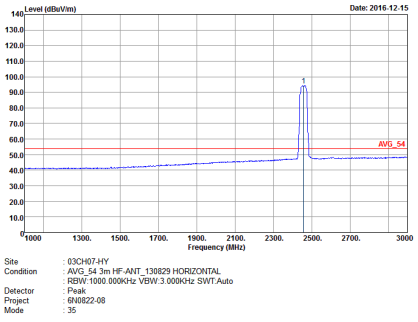
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

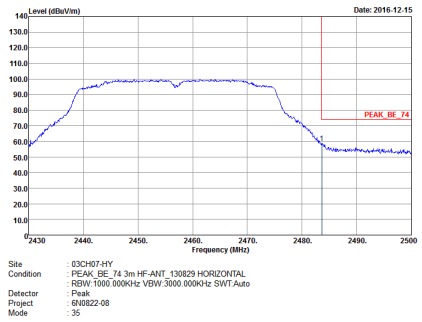
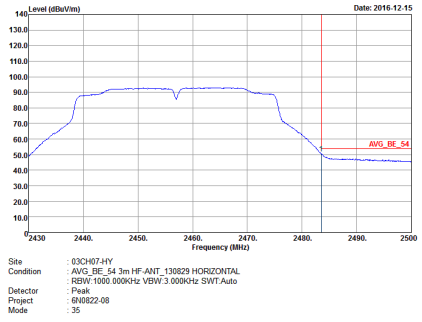
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

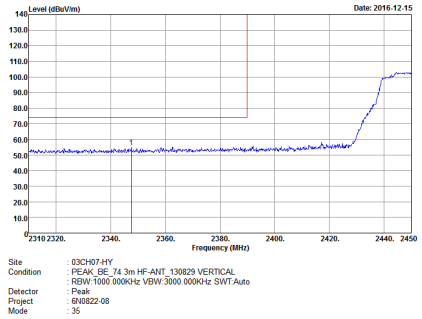
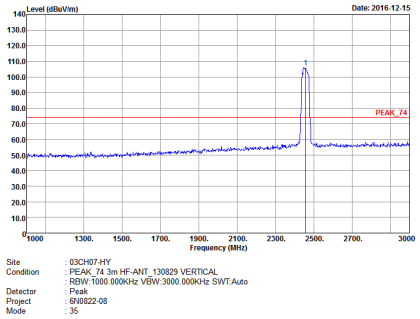
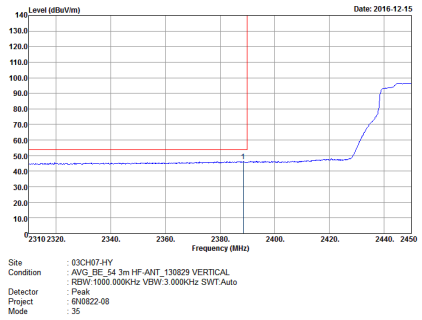
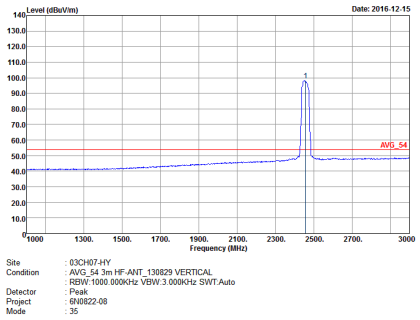
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

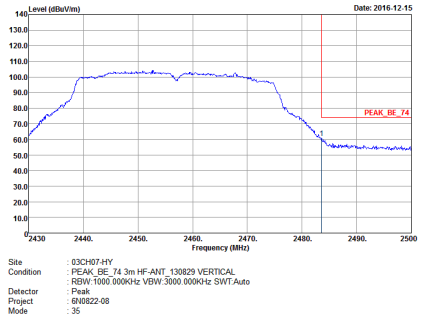
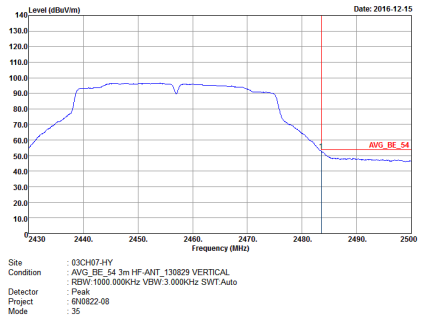
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

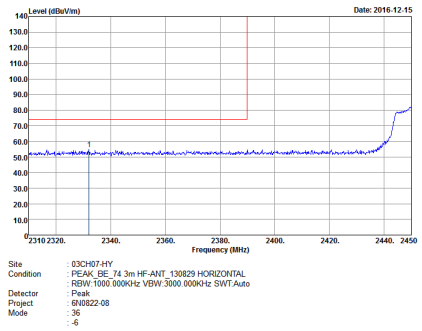
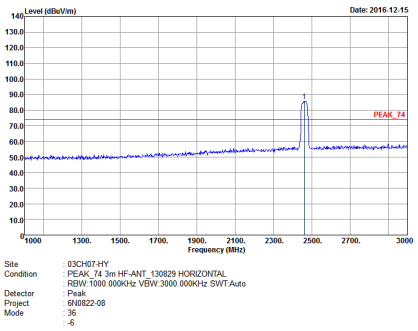
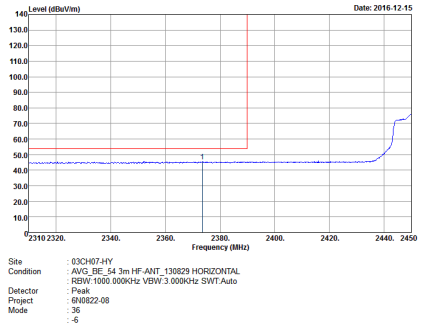
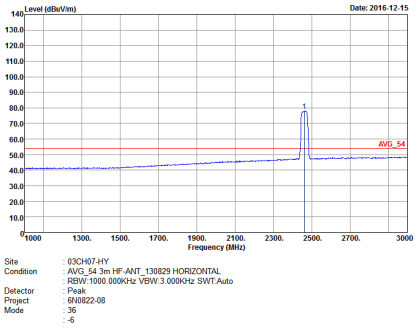
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

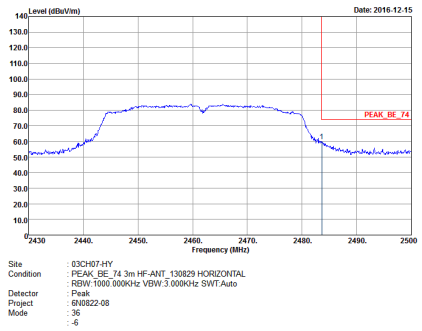
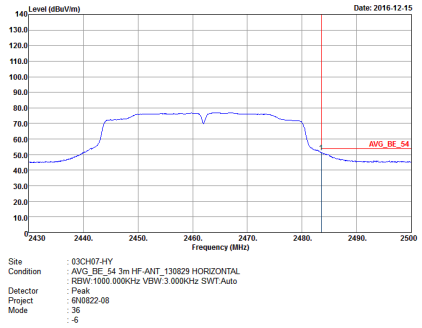
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH10 2457MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

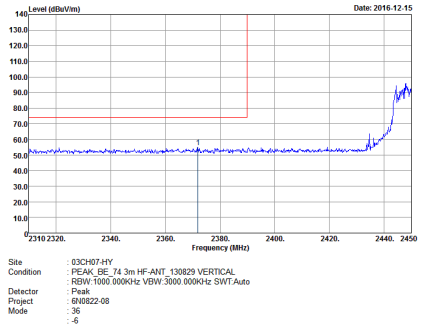
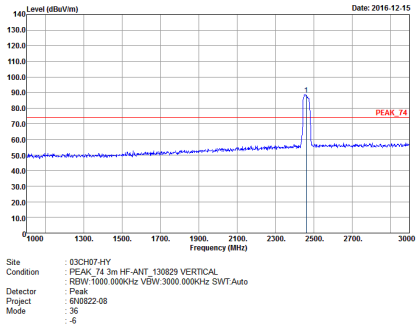
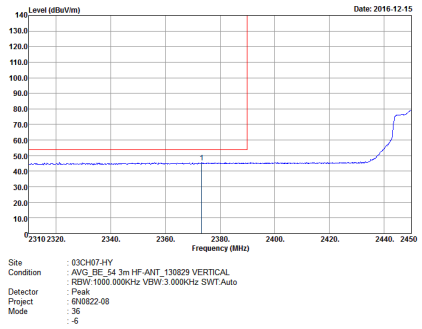
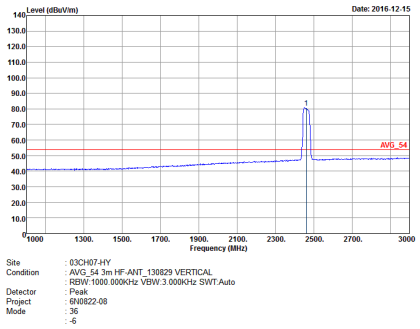
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH10 2457MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

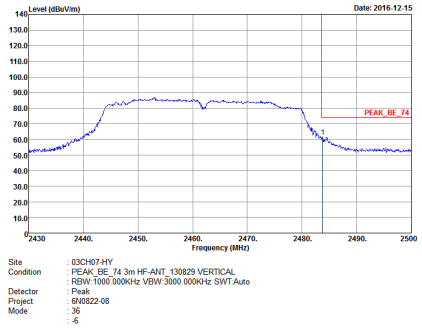
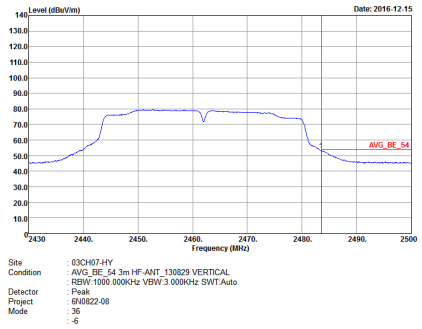
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH10 2457MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH10 2457MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH11 2462MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

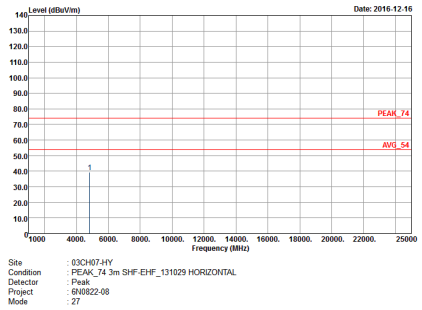
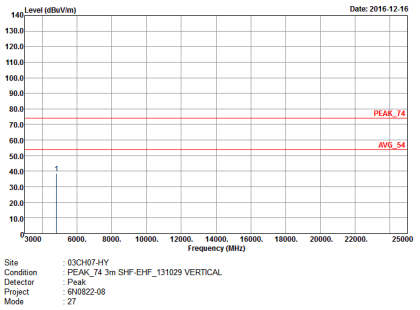
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH11 2462MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

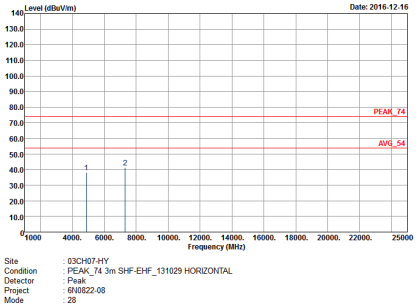
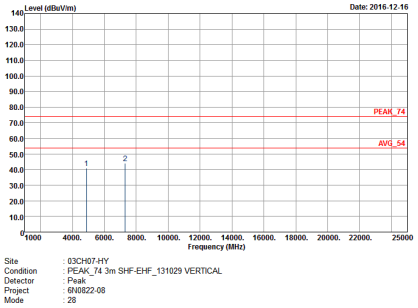
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH11 2462MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 36 : -6	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 36 : -6
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 36 : -6	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822-08 Mode : 36 : -6

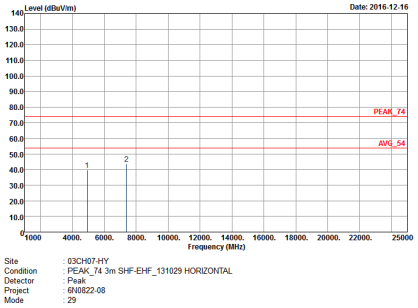
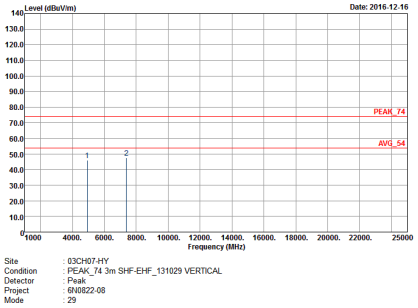
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH11 2462MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

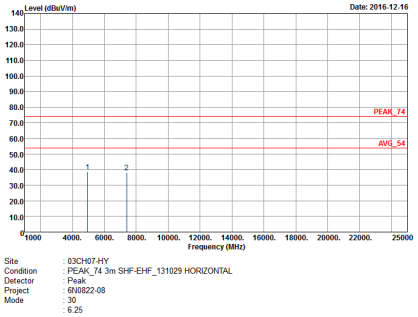
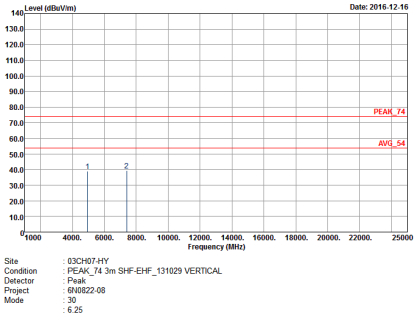
2.4GHz 2400~2483.5MHz

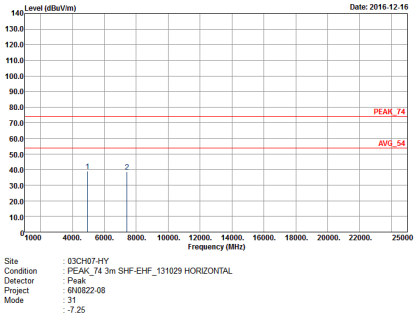
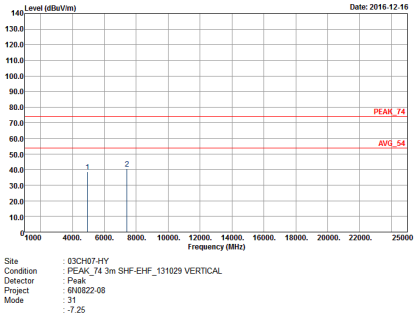
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.		

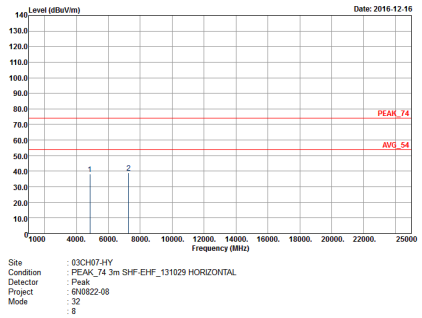
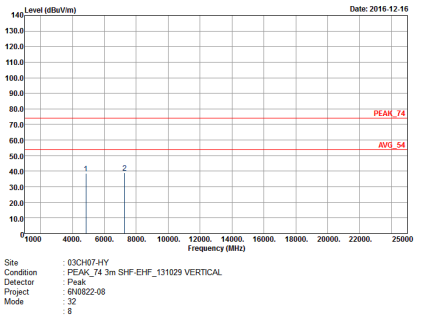
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.		

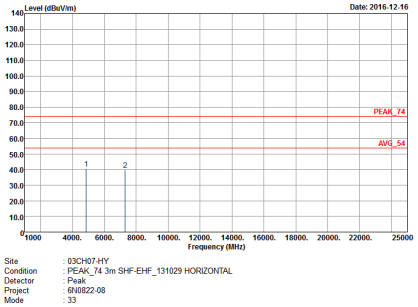
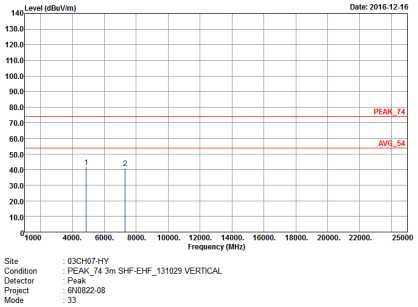
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH12 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.		

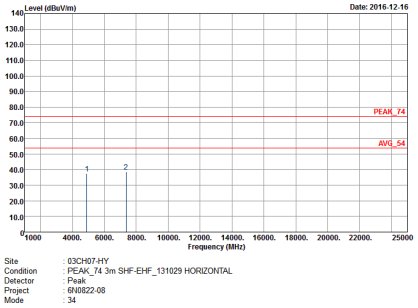
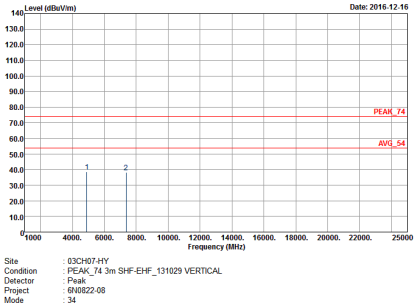
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1+2	Horizontal	Vertical
Peak Avg.		

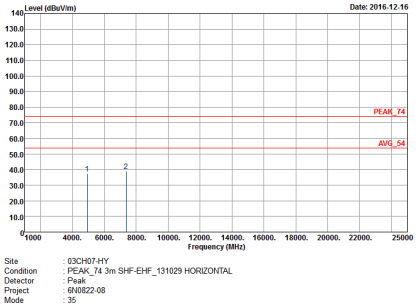
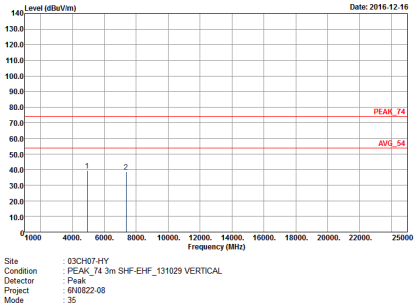
2.4GHz 2400~2483.5MHz

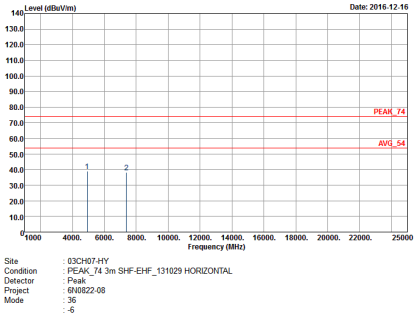
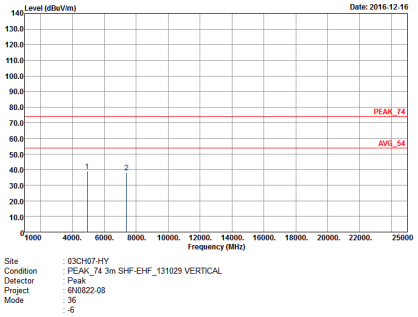
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.		

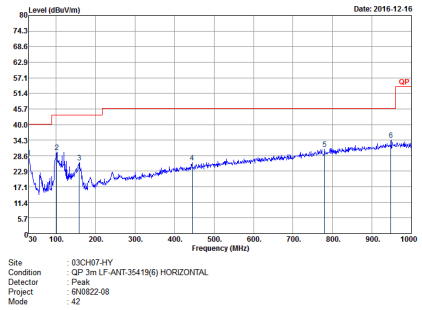
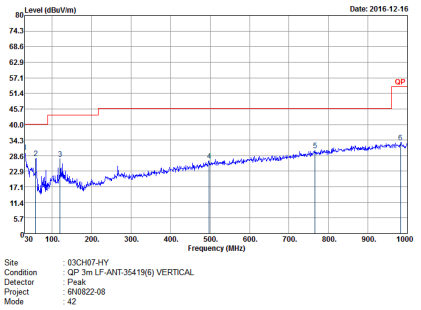
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH10 2457MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

2.4GHz WIFI 802.11n HT40 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT40 LF	
1+2	Horizontal	Vertical
QP / Peak		

Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	802.11b	98.56	12300	0.08	10Hz
2	802.11b	98.56	12300	0.08	10Hz
1	802.11g	98.66	2058	0.49	10Hz
2	802.11g	98.66	2058	0.49	10Hz
1	2.4GHz 802.11n HT20	97.95	1915	0.52	1kHz
2	2.4GHz 802.11n HT20	98.43	1920	0.52	10Hz
1+2(1)	2.4GHz 802.11n HT20	94.12	960	1.04	3kHz
1+2(2)	2.4GHz 802.11n HT20	96.08	980	1.02	3kHz
1	2.4GHz 802.11n HT40	96.91	940	1.06	3kHz
2	2.4GHz 802.11n HT40	96.91	940	1.06	3kHz
1+2(1)	2.4GHz 802.11n HT40	92.42	488	2.045	3kHz
1+2(2)	2.4GHz 802.11n HT40	92.42	488	2.05	3kHz