



FCC RADIO TEST REPORT

FCC ID : PPD-QCNFA344AH
Equipment : 802.11a/b/g/n/ac + BT 4.1 M.2 2230 Type Card
Brand Name : Qualcomm Atheros
Model Name : QCNFA344A
Applicant : Qualcomm Atheros, Inc.
1700 Technology Drive, San Jose, CA 95110
Manufacturer : Qualcomm Atheros, Inc.
1700 Technology Drive, San Jose, CA 95110
Standard : FCC Part 15 Subpart C §15.247

The product was received on Mar. 28, 2018 and testing was started from Mar. 28, 2018 and completed on May 21, 2018. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

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

Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	5
1.3 Testing Location	6
1.4 Applicable Standards.....	6
2 Test Configuration of Equipment Under Test	7
2.1 Carrier Frequency and Channel	7
2.2 Test Mode.....	7
2.3 Connection Diagram of Test System.....	8
2.4 Support Unit used in test configuration and system	8
2.5 EUT Operation Test Setup	8
3 Test Result	9
3.1 Output Power Measurement.....	9
3.2 Radiated Band Edges and Spurious Emission Measurement	10
4 List of Measuring Equipment.....	14
5 Uncertainty of Evaluation	16
Appendix A. Conducted Test Results	
Appendix B. Radiated Spurious Emission	
Appendix C. Radiated Spurious Emission Plots	
Appendix D. Duty Cycle Plots	
Appendix E. Setup Photographs	



History of this test report

Report No.	Version	Description	Issued Date
FR773112-03C	01	Initial issue of report	Jun. 13, 2018



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(b)	Power Output Measurement	Pass	-
3.2	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass	Under limit 3.04 dB at 2389.240 MHz
Remark: The reported TX power in EMC report is per actual shipping power setting and measured in this unit. This has considered the actual shipping power during the measurement.				

Reviewed by: Joseph Lin

Report Producer: Natasha Hsieh

1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac, and Wi-Fi 5GHz 802.11a/n/ac

Product Specification subjective to this standard	
Sample 1	EUT with Portable Computer (HONGBO Antenna)
Sample 2	EUT with Portable Computer (ACON Antenna)

Remark: All the tests were performed with Sample 1.

The product was installed into Portable Computer (Brand Name: DELL, Model Name: P87G, P87G001) during test, and the host information was recorded in the following table.

Antenna Information					
Manufacturer	HONGBO		Manufacturer	ACON	
Model Name	260-26160		Model Name	ANF6Y-200018	
Ant. Type	PIFA		Ant. Type	PIFA	
Peak Gain (dBi)	2.4GHz WLAN	Main: -0.59 Aux: -1.18	Peak Gain (dBi)	2.4GHz WLAN	Main:-1.38 Aux:-2.70
	5GHz WLAN	Main: -1.07 Aux: -1.64		5GHz WLAN	Main:-1.14 Aux:-1.73

1.2 Modification of EUT

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

1.3 Testing Location

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

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	TH05-HY

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

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No.
	03CH12-HY

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

1.4 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 v04
- ♦ 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: radiation 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	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437		

2.2 Test Mode

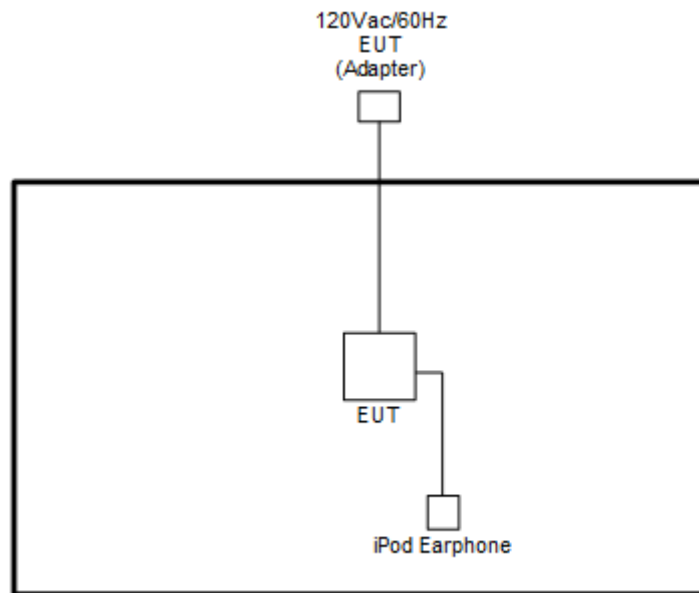
Final test modes are considering the modulation and worse data rates as below table.

MIMO Antenna

Modulation	Data Rate
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0

Remark: The Radiated Spurious Emission test has only performed the test cases which chosen from module supplier.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT" was installed in Portable Computer which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Output Power Measurement

3.1.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna with directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

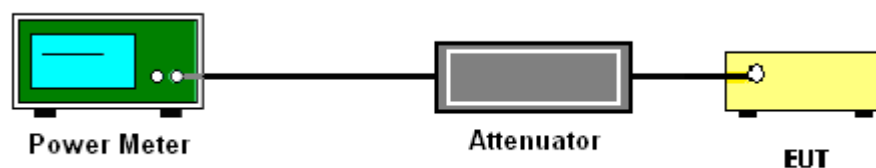
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

1. For Peak Power, the testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04 section 9.1.3 PKPM1 Peak power meter method.
2. For Average Power, the testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04 section 9.2.3.2 Method AVGPM-G.
3. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. Set to the maximum power setting and enable the EUT transmit continuously.
5. Measure the conducted output power and record the results in the test report.
6. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

3.1.4 Test Setup



3.1.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.1.6 Test Result of Average output Power (Reporting Only)

Please refer to Appendix A.

3.2 Radiated Band Edges and Spurious Emission Measurement

3.2.1 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 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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

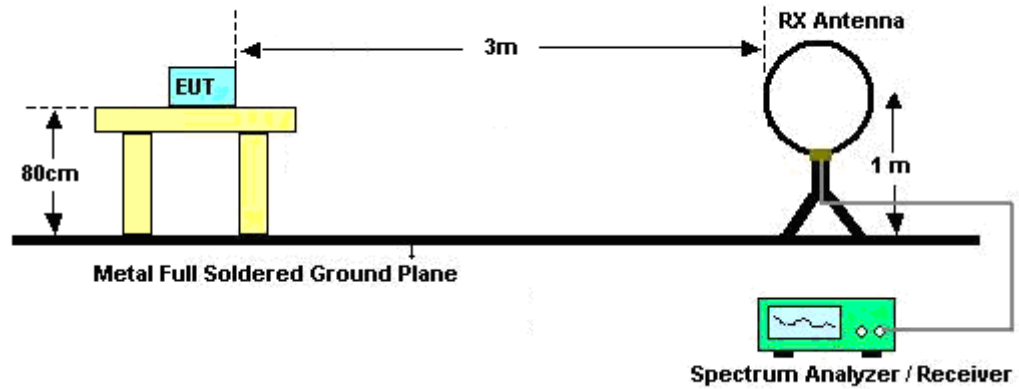
1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test 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 testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. 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 $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement.

For average measurement:

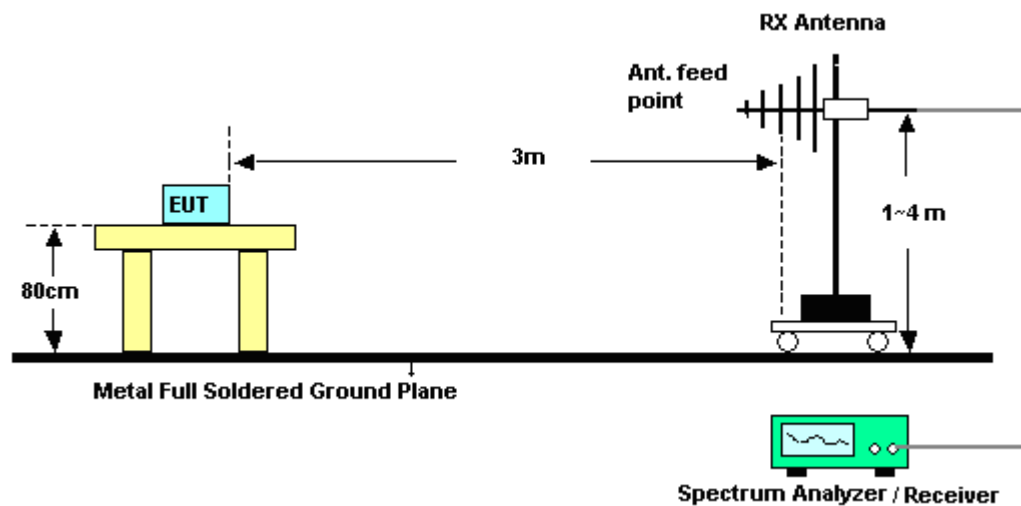
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.2.4 Test Setup

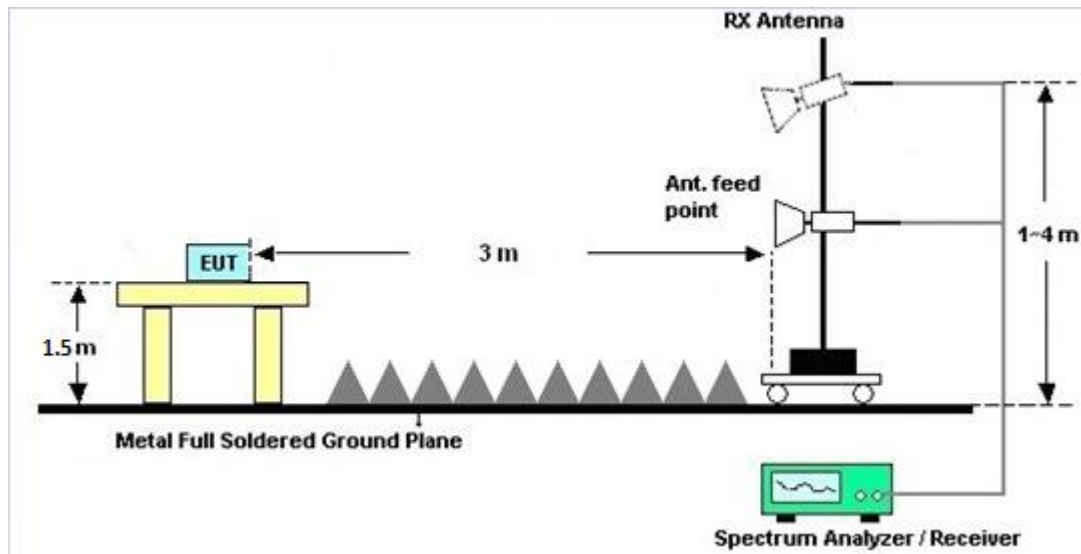
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.2.5 Test Results of Radiated Spurious Emissions (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 was not reported.

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

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.2.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	1240001	N/A	Sep. 07, 2017	Mar. 28, 2018~ May 21, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207349	300MHz~40GHz z	Sep. 07, 2017	Mar. 28, 2018~ May 21, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 20, 2017	Mar. 28, 2018~ May 21, 2018	Jun. 19, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Mar. 01, 2018	Mar. 28, 2018~ May 21, 2018	Feb. 28, 2019	Conducted (TH05-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 18, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Jul. 17, 2018	Radiation (03CH12-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 85	10Hz ~ 44GHz	Oct. 31, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Oct. 30, 2018	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D&N-6-0 6	35414&AT- N0602	30MHz~1GHz	Oct. 14, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Oct. 13, 2018	Radiation (03CH12-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Nov. 22, 2018	Radiation (03CH12-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100390	20Hz~26.5GHz	Dec. 25, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Dec. 24, 2018	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-132 8	1GHz ~ 18GHz	Oct. 20, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Oct. 19, 2018	Radiation (03CH12-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Jan. 19, 2018	Apr. 03, 2018 ~ Apr. 23, 2018	Jan. 18, 2020	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY532701 48	1GHz~26.5GHz	Jan. 15, 2018	Apr. 03, 2018 ~ Apr. 23, 2018	Jan. 14, 2019	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-270 0-3000-18000 -60ST	SN2	3 GHz Highpass	Jul. 17, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Jul. 16, 2018	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-1 2SS	SN2	1.2G Low Pass	Jul. 17, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Jul. 16, 2018	Radiation (03CH12-HY)
Attenuator	Fairview Microwave	SA18S5W-10	n/a	10db	Jul. 17, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Jul. 16, 2018	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 03, 2018 ~ Apr. 23, 2018	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 03, 2018 ~ Apr. 23, 2018	N/A	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170 576	18GHz ~ 40GHz	Apr. 27, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Apr. 26, 2018	Radiation (03CH12-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 22, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	May 21, 2018	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-00098 9	N/A	N/A	Apr. 03, 2018 ~ Apr. 23, 2018	N/A	Radiation (03CH12-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30M-18G	Mar. 14, 2018	Apr. 03, 2018 ~ Apr. 23, 2018	Mar. 13, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15539/4	30M-18G	Mar. 14, 2018	Apr. 03, 2018 ~ Apr. 23, 2018	Mar. 13, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36979/4	30M-18G	Mar. 14, 2018	Apr. 03, 2018 ~ Apr. 23, 2018	Mar. 13, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 17, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Oct. 16, 2018	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 17, 2017	Apr. 03, 2018 ~ Apr. 23, 2018	Oct. 16, 2018	Radiation (03CH12-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1
--	-----

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7
--	-----

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Lena Lo/Derek Hsu	Temperature:	21~25	°C
Test Date:	2018/3/28~2018/5/21	Relative Humidity:	51~54	%

TEST RESULTS DATA
Peak Output Power

2.4GHz Band														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	2	1	2412	23.80	24.18	27.00	30.00		27.00		36.00		Pass
11b	1Mbps	2	6	2437	22.32	22.34	25.34	30.00		25.34		36.00		Pass
11b	1Mbps	2	11	2462	18.38	19.21	21.83	30.00		21.83		36.00		Pass
11g	6Mbps	2	1	2412	21.03	21.54	24.30	30.00		24.30		36.00		Pass
11g	6Mbps	2	6	2437	23.46	23.05	26.27	30.00		26.27		36.00		Pass
11g	6Mbps	2	11	2462	20.21	20.78	23.51	30.00		23.51		36.00		Pass
HT20	MCS0	2	1	2412	20.41	21.08	23.77	30.00		23.77		36.00		Pass
HT20	MCS0	2	6	2437	23.54	22.98	26.28	30.00		26.28		36.00		Pass
HT20	MCS0	2	11	2462	20.86	19.94	23.43	30.00		23.43		36.00		Pass
HT40	MCS0	2	3	2422	16.82	17.21	20.03	30.00		20.03		36.00		Pass
HT40	MCS0	2	6	2437	21.94	22.34	25.15	30.00		25.15		36.00		Pass
HT40	MCS0	2	9	2452	16.49	15.18	18.89	30.00		18.89		36.00		Pass
VHT20	MCS0	2	1	2412	20.02	20.61	23.34	30.00		23.34		36.00		Pass
VHT20	MCS0	2	6	2437	23.59	23.06	26.34	30.00		26.34		36.00		Pass
VHT20	MCS0	2	11	2462	21.03	20.18	23.64	30.00		23.64		36.00		Pass
VHT40	MCS0	2	3	2422	16.73	17.21	19.99	30.00		19.99		36.00		Pass
VHT40	MCS0	2	6	2437	21.90	22.35	25.14	30.00		25.14		36.00		Pass
VHT40	MCS0	2	9	2452	16.50	15.52	19.05	30.00		19.05		36.00		Pass

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

2.4GHz Band									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
11b	1Mbps	2	1	2412	0.06	0.04	16.70	17.22	19.98
11b	1Mbps	2	6	2437	0.06	0.04	16.21	16.21	19.22
11b	1Mbps	2	11	2462	0.06	0.04	15.86	16.60	19.26
11g	6Mbps	2	1	2412	0.25	0.25	14.96	15.47	18.23
11g	6Mbps	2	6	2437	0.25	0.25	17.98	17.41	20.71
11g	6Mbps	2	11	2462	0.25	0.25	14.02	14.56	17.31
HT20	MCS0	2	1	2412	0.31	0.26	13.77	14.27	17.04
HT20	MCS0	2	6	2437	0.31	0.26	17.57	16.85	20.24
HT20	MCS0	2	11	2462	0.31	0.26	14.12	13.34	16.76
HT40	MCS0	2	3	2422	0.52	0.52	9.94	10.43	13.20
HT40	MCS0	2	6	2437	0.52	0.52	14.59	15.37	18.01
HT40	MCS0	2	9	2452	0.52	0.52	9.33	9.03	12.19
VHT20	MCS0	2	1	2412	0.26	0.31	13.20	13.84	16.54
VHT20	MCS0	2	6	2437	0.26	0.31	17.58	16.88	20.25
VHT20	MCS0	2	11	2462	0.26	0.31	14.17	13.42	16.82
VHT40	MCS0	2	3	2422	0.52	0.52	9.93	10.43	13.20
VHT40	MCS0	2	6	2437	0.52	0.52	14.57	15.32	17.97
VHT40	MCS0	2	9	2452	0.52	0.52	9.34	8.55	11.97

Note: Measured power (dBm) has offset with cable loss.



Appendix B. Radiated Spurious Emission

Test Engineer :	Watt Tseng, Karl Hou, and Nick Yu	Temperature :	21~23°C
		Relative Humidity :	59~62%



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2374.26	54.03	-19.97	74	44.46	27.11	14.04	31.58	387	241	P	H
		2390	42.49	-11.51	54	32.85	27.15	14.06	31.57	387	241	A	H
	*	2412	102.67	-	-	92.97	27.19	14.08	31.57	387	241	P	H
	*	2412	98.37	-	-	88.67	27.19	14.08	31.57	387	241	A	H
													H
													H
		2389.8	57.05	-16.95	74	47.41	27.15	14.06	31.57	381	181	P	V
		2390	46.33	-7.67	54	36.69	27.15	14.06	31.57	381	181	A	V
	*	2412	110.46	-	-	100.76	27.19	14.08	31.57	381	181	P	V
	*	2412	106.1	-	-	96.4	27.19	14.08	31.57	381	181	A	V
													V
													V
802.11b CH 06 2437MHz		2370.48	54.33	-19.67	74	44.76	27.11	14.04	31.58	371	119	P	H
		2389.1	41.62	-12.38	54	31.99	27.15	14.06	31.58	371	119	A	H
	*	2437	101.27	-	-	91.46	27.28	14.1	31.57	371	119	P	H
	*	2437	96.68	-	-	86.87	27.28	14.1	31.57	371	119	A	H
		2489.71	53.74	-20.26	74	43.76	27.4	14.14	31.56	371	119	P	H
		2485.02	41.7	-12.3	54	31.76	27.36	14.14	31.56	371	119	A	H
		2381.54	55.24	-18.76	74	45.65	27.11	14.06	31.58	373	179	P	V
		2388.96	44.05	-9.95	54	34.42	27.15	14.06	31.58	373	179	A	V
	*	2437	110.23	-	-	100.42	27.28	14.1	31.57	373	179	P	V
	*	2437	105.7	-	-	95.89	27.28	14.1	31.57	373	179	A	V
		2494.89	55.06	-18.94	74	45.07	27.4	14.14	31.55	373	179	P	V
		2485.09	44	-10	54	34.06	27.36	14.14	31.56	373	179	A	V



802.11b CH 11 2462MHz	*	2462	103.93	-	-	94.06	27.32	14.11	31.56	321	116	P	H
	*	2462	99.13	-	-	89.26	27.32	14.11	31.56	321	116	A	H
		2491.48	54.2	-19.8	74	44.22	27.4	14.14	31.56	321	116	P	H
		2492	42.58	-11.42	54	32.59	27.4	14.14	31.55	321	116	A	H
													H
													H
	*	2462	113.76	-	-	103.89	27.32	14.11	31.56	323	178	P	V
	*	2462	109.19	-	-	99.32	27.32	14.11	31.56	323	178	A	V
		2493.48	59.53	-14.47	74	49.54	27.4	14.14	31.55	323	178	P	V
		2492.08	47.75	-6.25	54	37.76	27.4	14.14	31.55	323	178	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+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	51.99	-22.01	74	71.17	31.36	6.7	57.24	301	249	P	H
		4824	48.02	-5.98	54	67.2	31.36	6.7	57.24	301	249	A	H
													H
													H
		4824	53.69	-20.31	74	72.87	31.36	6.7	57.24	340	142	P	V
		4824	50.95	-3.05	54	70.13	31.36	6.7	57.24	340	142	A	V
													V
													V
802.11b CH 06 2437MHz		4874	51.72	-22.28	74	70.7	31.46	6.73	57.17	391	179	P	H
		4874	48.16	-5.84	54	67.14	31.46	6.73	57.17	391	179	A	H
		7311	45.39	-28.61	74	58.48	36.11	8.07	57.27	100	0	P	H
													H
		4874	53.56	-20.44	74	72.54	31.46	6.73	57.17	238	141	P	V
		4874	50.08	-3.92	54	69.06	31.46	6.73	57.17	238	141	A	V
		7311	44.86	-29.14	74	57.95	36.11	8.07	57.27	100	0	P	V
													V
802.11b CH 11 2462MHz		4924	49.95	-24.05	74	68.76	31.56	6.73	57.1	100	0	P	H
		7386	43.91	-30.09	74	56.95	36.33	8.01	57.38	100	0	P	H
													H
													H
		4924	54.38	-19.62	74	73.19	31.56	6.73	57.1	348	140	P	V
		4924	50.66	-3.34	54	69.47	31.56	6.73	57.1	348	140	A	V
		7386	47.9	-26.1	74	60.94	36.33	8.01	57.38	100	0	P	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+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		2381.295	53.98	-20.02	74	44.39	27.11	14.06	31.58	380	244	P	H
		2389.38	43.8	-10.2	54	34.17	27.15	14.06	31.58	380	244	A	H
	*	2412	105.61	-	-	95.91	27.19	14.08	31.57	380	244	P	H
	*	2412	95.51	-	-	85.81	27.19	14.08	31.57	380	244	A	H
													H
													H
		2389.905	62.39	-11.61	74	52.75	27.15	14.06	31.57	383	180	P	V
		2389.275	50.3	-3.7	54	40.67	27.15	14.06	31.58	383	180	A	V
	*	2412	112.99	-	-	103.29	27.19	14.08	31.57	383	180	P	V
	*	2412	103.62	-	-	93.92	27.19	14.08	31.57	383	180	A	V
													V
													V
802.11g CH 06 2437MHz		2381.4	53.76	-20.24	74	44.17	27.11	14.06	31.58	372	119	P	H
		2385.32	42.87	-11.13	54	33.28	27.11	14.06	31.58	372	119	A	H
	*	2437	108.94	-	-	99.13	27.28	14.1	31.57	372	119	P	H
	*	2437	98.93	-	-	89.12	27.28	14.1	31.57	372	119	A	H
		2490.9	53.35	-20.65	74	43.37	27.4	14.14	31.56	372	119	P	H
		2485.3	42.8	-11.2	54	32.86	27.36	14.14	31.56	372	119	A	H
		2386.16	57.97	-16.03	74	48.34	27.15	14.06	31.58	329	178	P	V
		2389.52	47.11	-6.89	54	37.48	27.15	14.06	31.58	329	178	A	V
	*	2437	117.62	-	-	107.81	27.28	14.1	31.57	329	178	P	V
	*	2437	107.6	-	-	97.79	27.28	14.1	31.57	329	178	A	V
		2484.25	57.28	-16.72	74	47.34	27.36	14.14	31.56	329	178	P	V
		2485.09	47.24	-6.76	54	37.3	27.36	14.14	31.56	329	178	A	V



802.11g CH 11 2462MHz	*	2462	103.6	-	-	93.73	27.32	14.11	31.56	370	246	P	H
	*	2462	94.79	-	-	84.92	27.32	14.11	31.56	370	246	A	H
		2483.92	56.48	-17.52	74	46.54	27.36	14.14	31.56	370	246	P	H
		2483.52	45.16	-8.84	54	35.22	27.36	14.14	31.56	370	246	A	H
													H
													H
	*	2462	112.61	-	-	102.74	27.32	14.11	31.56	327	184	P	V
	*	2462	103.08	-	-	93.21	27.32	14.11	31.56	327	184	A	V
		2483.6	61.89	-12.11	74	51.95	27.36	14.14	31.56	327	184	P	V
		2483.52	50.94	-3.06	54	41	27.36	14.14	31.56	327	184	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+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	56.33	-17.67	74	75.51	31.36	6.7	57.24	305	248	P	H
		4824	43.56	-10.44	54	62.74	31.36	6.7	57.24	305	248	A	H
													H
													H
		4824	60.83	-13.17	74	80.01	31.36	6.7	57.24	316	140	P	V
		4824	47.08	-6.92	54	66.26	31.36	6.7	57.24	316	140	A	V
													V
													V
802.11g CH 06 2437MHz		4874	56.9	-17.1	74	75.88	31.46	6.73	57.17	295	250	P	H
		4874	43.97	-10.03	54	62.95	31.46	6.73	57.17	295	250	A	H
		7311	44.53	-29.47	74	57.62	36.11	8.07	57.27	100	0	P	H
													H
		4874	61.38	-12.62	74	80.36	31.46	6.73	57.17	309	171	P	V
		4874	48.15	-5.85	54	67.13	31.46	6.73	57.17	309	171	A	V
		7311	45.93	-28.07	74	59.02	36.11	8.07	57.27	100	0	P	V
													V
802.11g CH 11 2462MHz		4924	49.97	-24.03	74	68.78	31.56	6.73	57.1	100	0	P	H
		7386	44.18	-29.82	74	57.22	36.33	8.01	57.38	100	0	P	H
													H
													H
		4924	49.83	-24.17	74	68.64	31.56	6.73	57.1	100	0	P	V
		7386	43.89	-30.11	74	56.93	36.33	8.01	57.38	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+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		2388.015	54.18	-19.82	74	44.55	27.15	14.06	31.58	338	226	P	H
		2389.485	43.9	-10.1	54	34.27	27.15	14.06	31.58	338	226	A	H
	*	2412	104.52	-	-	94.82	27.19	14.08	31.57	338	226	P	H
	*	2412	93.96	-	-	84.26	27.19	14.08	31.57	338	226	A	H
													H
													H
		2389.8	63	-11	74	53.36	27.15	14.06	31.57	380	183	P	V
		2390	50.92	-3.08	54	41.28	27.15	14.06	31.57	380	183	A	V
	*	2412	112.53	-	-	102.83	27.19	14.08	31.57	380	183	P	V
	*	2412	102.74	-	-	93.04	27.19	14.08	31.57	380	183	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2386.02	53.69	-20.31	74	44.06	27.15	14.06	31.58	370	118	P	H
		2387.84	42.81	-11.19	54	33.18	27.15	14.06	31.58	370	118	A	H
	*	2437	108.67	-	-	98.86	27.28	14.1	31.57	370	118	P	H
	*	2437	98.4	-	-	88.59	27.28	14.1	31.57	370	118	A	H
		2484.53	53.97	-20.03	74	44.03	27.36	14.14	31.56	370	118	P	H
		2485.16	43.01	-10.99	54	33.07	27.36	14.14	31.56	370	118	A	H
		2389.8	58.38	-15.62	74	48.74	27.15	14.06	31.57	325	182	P	V
		2388.82	46.13	-7.87	54	36.5	27.15	14.06	31.58	325	182	A	V
	*	2437	117.87	-	-	108.06	27.28	14.1	31.57	325	182	P	V
	*	2437	106.96	-	-	97.15	27.28	14.1	31.57	325	182	A	V
		2487.4	58.22	-15.78	74	48.28	27.36	14.14	31.56	325	182	P	V
		2484.81	47.59	-6.41	54	37.65	27.36	14.14	31.56	325	182	A	V



802.11n HT20 CH 11 2462MHz	*	2462	103.93	-	-	94.06	27.32	14.11	31.56	369	221	P	H
	*	2462	94.47	-	-	84.6	27.32	14.11	31.56	369	221	A	H
		2485.6	55.76	-18.24	74	45.82	27.36	14.14	31.56	369	221	P	H
		2483.52	44.61	-9.39	54	34.67	27.36	14.14	31.56	369	221	A	H
													H
													H
	*	2462	111.86	-	-	101.99	27.32	14.11	31.56	328	184	P	V
	*	2462	102.57	-	-	92.7	27.32	14.11	31.56	328	184	A	V
		2483.52	60.18	-13.82	74	50.24	27.36	14.14	31.56	328	184	P	V
		2483.52	49.63	-4.37	54	39.69	27.36	14.14	31.56	328	184	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)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		4824	57.58	-16.42	74	76.76	31.36	6.7	57.24	304	248	P	H
		4824	41.38	-12.62	54	60.56	31.36	6.7	57.24	304	248	A	H
													H
													H
		4824	55.81	-18.19	74	74.99	31.36	6.7	57.24	267	119	P	V
		4824	45.95	-8.05	54	65.13	31.36	6.7	57.24	267	119	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		4874	58.45	-15.55	74	77.43	31.46	6.73	57.17	313	248	P	H
		4874	42.26	-11.74	54	61.24	31.46	6.73	57.17	313	248	A	H
		7311	44.7	-29.3	74	57.79	36.11	8.07	57.27	100	0	P	H
													H
		4874	63.54	-10.46	74	82.52	31.46	6.73	57.17	275	242	P	V
		4874	46.54	-7.46	54	65.52	31.46	6.73	57.17	275	242	A	V
		7311	44.37	-29.63	74	57.46	36.11	8.07	57.27	100	0	P	V
													V
802.11n HT20 CH 11 2462MHz		4924	48.86	-25.14	74	67.67	31.56	6.73	57.1	100	0	P	H
		7386	44.32	-29.68	74	57.36	36.33	8.01	57.38	100	0	P	H
													H
													H
		4924	56.32	-17.68	74	75.13	31.56	6.73	57.1	332	137	P	V
		4924	42.92	-11.08	54	61.73	31.56	6.73	57.1	332	137	A	V
		7386	43.82	-30.18	74	56.86	36.33	8.01	57.38	100	0	P	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)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 03 2422MHz		2387.84	59.04	-14.96	74	49.41	27.15	14.06	31.58	379	241	P	H
		2388.96	44.23	-9.77	54	34.6	27.15	14.06	31.58	379	241	A	H
	*	2422	96.55	-	-	86.81	27.23	14.08	31.57	379	241	P	H
	*	2422	87.52	-	-	77.78	27.23	14.08	31.57	379	241	A	H
		2497.2	53.66	-20.34	74	43.67	27.4	14.14	31.55	379	241	P	H
		2495.94	43.33	-10.67	54	33.34	27.4	14.14	31.55	379	241	A	H
		2386.86	68.15	-5.85	74	58.52	27.15	14.06	31.58	334	182	P	V
		2389.24	50.96	-3.04	54	41.33	27.15	14.06	31.58	334	182	A	V
	*	2422	105	-	-	95.26	27.23	14.08	31.57	334	182	P	V
	*	2422	95.83	-	-	86.09	27.23	14.08	31.57	334	182	A	V
		2484.39	58.56	-15.44	74	48.62	27.36	14.14	31.56	334	182	P	V
		2484.53	46.59	-7.41	54	36.65	27.36	14.14	31.56	334	182	A	V
802.11n HT40 CH 06 2437MHz		2379.16	60.85	-13.15	74	51.26	27.11	14.06	31.58	373	118	P	H
		2389.94	45.1	-8.9	54	35.46	27.15	14.06	31.57	373	118	A	H
	*	2437	103.27	-	-	93.46	27.28	14.1	31.57	373	118	P	H
	*	2437	93.89	-	-	84.08	27.28	14.1	31.57	373	118	A	H
		2484.81	56.83	-17.17	74	46.89	27.36	14.14	31.56	373	118	P	H
		2485.09	44.15	-9.85	54	34.21	27.36	14.14	31.56	373	118	A	H
		2385.74	70.38	-3.62	74	60.75	27.15	14.06	31.58	373	182	P	V
		2389.66	49.55	-4.45	54	39.92	27.15	14.06	31.58	373	182	A	V
	*	2437	110.88	-	-	101.07	27.28	14.1	31.57	373	182	P	V
	*	2437	101.27	-	-	91.46	27.28	14.1	31.57	373	182	A	V
		2488.24	67.17	-6.83	74	57.19	27.4	14.14	31.56	373	182	P	V
		2485.02	49.55	-4.45	54	39.61	27.36	14.14	31.56	373	182	A	V



802.11n HT40 CH 09 2452MHz		2382.38	54.18	-19.82	74	44.59	27.11	14.06	31.58	369	247	P	H
		2335.76	43.2	-10.8	54	33.75	27.03	14.01	31.59	369	247	A	H
	*	2452	96.31	-	-	86.48	27.28	14.11	31.56	369	247	P	H
	*	2452	86.26	-	-	76.43	27.28	14.11	31.56	369	247	A	H
		2484.04	54.89	-19.11	74	44.95	27.36	14.14	31.56	369	247	P	H
		2483.62	43.26	-10.74	54	33.32	27.36	14.14	31.56	369	247	A	H
		2379.3	60.94	-13.06	74	51.35	27.11	14.06	31.58	327	183	P	V
		2389.24	45.19	-8.81	54	35.56	27.15	14.06	31.58	327	183	A	V
	*	2452	104.6	-	-	94.77	27.28	14.11	31.56	327	183	P	V
	*	2452	94.48	-	-	84.65	27.28	14.11	31.56	327	183	A	V
		2486.91	64.29	-9.71	74	54.35	27.36	14.14	31.56	327	183	P	V
		2484.39	46.31	-7.69	54	36.37	27.36	14.14	31.56	327	183	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+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 03 2422MHz		4844	44.46	-29.54	74	63.58	31.39	6.71	57.22	100	0	P	H
		7266	44.43	-29.57	74	57.53	36.02	8.11	57.23	100	0	P	H
													H
													H
		4844	46.11	-27.89	74	65.23	31.39	6.71	57.22	100	0	P	V
		7266	44.66	-29.34	74	57.76	36.02	8.11	57.23	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4874	49.31	-24.69	74	68.29	31.46	6.73	57.17	100	0	P	H
		7311	44.43	-29.57	74	57.52	36.11	8.07	57.27	100	0	P	H
													H
													H
		4874	54.77	-19.23	74	73.75	31.46	6.73	57.17	317	138	P	V
		4874	43.52	-10.48	54	62.5	31.46	6.73	57.17	317	138	A	V
		7311	46.81	-27.19	74	59.9	36.11	8.07	57.27	100	0	P	V
													V
802.11n HT40 CH 09 2452MHz		4904	41.7	-32.3	74	60.56	31.53	6.73	57.12	100	0	P	H
		7356	44.71	-29.29	74	57.77	36.24	8.03	57.33	100	0	P	H
													H
													H
		4904	44.94	-29.06	74	63.8	31.53	6.73	57.12	100	0	P	V
		7356	44.13	-29.87	74	57.19	36.24	8.03	57.33	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 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		2382.555	54.61	-19.39	74	45.02	27.11	14.06	31.58	389	224	P	H
		2390	44.29	-9.71	54	34.65	27.15	14.06	31.57	389	224	A	H
	*	2412	104.29	-	-	94.59	27.19	14.08	31.57	389	224	P	H
	*	2412	93.52	-	-	83.82	27.19	14.08	31.57	389	224	A	H
													H
													H
		2389.275	61.43	-12.57	74	51.8	27.15	14.06	31.58	381	183	P	V
		2390	50.73	-3.27	54	41.09	27.15	14.06	31.57	381	183	A	V
	*	2412	112.43	-	-	102.73	27.19	14.08	31.57	381	183	P	V
	*	2412	102.01	-	-	92.31	27.19	14.08	31.57	381	183	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2375.52	53.75	-20.25	74	44.16	27.11	14.06	31.58	371	117	P	H
		2388.12	42.79	-11.21	54	33.16	27.15	14.06	31.58	371	117	A	H
	*	2437	108.15	-	-	98.34	27.28	14.1	31.57	371	117	P	H
	*	2437	98.7	-	-	88.89	27.28	14.1	31.57	371	117	A	H
		2483.83	54.17	-19.83	74	44.23	27.36	14.14	31.56	371	117	P	H
		2485.44	43.03	-10.97	54	33.09	27.36	14.14	31.56	371	117	A	H
		2387.14	58.75	-15.25	74	49.12	27.15	14.06	31.58	331	180	P	V
		2389.94	46.98	-7.02	54	37.34	27.15	14.06	31.57	331	180	A	V
	*	2437	117.58	-	-	107.77	27.28	14.1	31.57	331	180	P	V
	*	2437	107.28	-	-	97.47	27.28	14.1	31.57	331	180	A	V
		2485.16	57.74	-16.26	74	47.8	27.36	14.14	31.56	331	180	P	V
		2485.16	47.29	-6.71	54	37.35	27.36	14.14	31.56	331	180	A	V



802.11ac VHT20 CH 11 2462MHz	*	2462	104.54	-	-	94.67	27.32	14.11	31.56	371	223	P	H
	*	2462	94.22	-	-	84.35	27.32	14.11	31.56	371	223	A	H
		2483.84	55.73	-18.27	74	45.79	27.36	14.14	31.56	371	223	P	H
		2483.56	44.53	-9.47	54	34.59	27.36	14.14	31.56	371	223	A	H
													H
													H
	*	2462	112.27	-	-	102.4	27.32	14.11	31.56	327	184	P	V
	*	2462	102.18	-	-	92.31	27.32	14.11	31.56	327	184	A	V
		2483.68	61.71	-12.29	74	51.77	27.36	14.14	31.56	327	184	P	V
		2483.52	50.41	-3.59	54	40.47	27.36	14.14	31.56	327	184	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	56.41	-17.59	74	75.59	31.36	6.7	57.24	302	247	P	H
		4824	40.57	-13.43	54	59.75	31.36	6.7	57.24	302	247	A	H
													H
													H
		4824	59.32	-14.68	74	78.5	31.36	6.7	57.24	320	138	P	V
		4824	44.78	-9.22	54	63.96	31.36	6.7	57.24	320	138	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	61.46	-12.54	74	80.44	31.46	6.73	57.17	383	106	P	H
		4874	44.72	-9.28	54	63.7	31.46	6.73	57.17	383	106	A	H
		7311	45.4	-28.6	74	58.49	36.11	8.07	57.27	100	0	P	H
													H
		4874	61.54	-12.46	74	80.52	31.46	6.73	57.17	329	136	P	V
		4874	46.88	-7.12	54	65.86	31.46	6.73	57.17	329	136	A	V
		7311	44.58	-29.42	74	57.67	36.11	8.07	57.27	100	0	P	V
													V
802.11ac VHT20 CH 11 2462MHz		4924	54.91	-19.09	74	73.72	31.56	6.73	57.1	376	108	P	H
		4924	39.24	-14.76	54	58.05	31.56	6.73	57.1	376	108	A	H
		7386	44.29	-29.71	74	57.33	36.33	8.01	57.38	100	0	P	H
													H
		4924	55.5	-18.5	74	74.31	31.56	6.73	57.1	315	137	P	V
		4924	42.63	-11.37	54	61.44	31.56	6.73	57.1	315	137	A	V
		7386	44.85	-29.15	74	57.89	36.33	8.01	57.38	100	0	P	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 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		2389.66	60.03	-13.97	74	50.4	27.15	14.06	31.58	385	226	P	H
		2387.42	44.72	-9.28	54	35.09	27.15	14.06	31.58	385	226	A	H
	*	2422	97.67	-	-	87.93	27.23	14.08	31.57	385	226	P	H
	*	2422	87.96	-	-	78.22	27.23	14.08	31.57	385	226	A	H
		2486.63	53.57	-20.43	74	43.63	27.36	14.14	31.56	385	226	P	H
		2496.5	43.61	-10.39	54	33.62	27.4	14.14	31.55	385	226	A	H
		2389.66	67.08	-6.92	74	57.45	27.15	14.06	31.58	333	184	P	V
		2389.24	50.85	-3.15	54	41.22	27.15	14.06	31.58	333	184	A	V
	*	2422	105.49	-	-	95.75	27.23	14.08	31.57	333	184	P	V
	*	2422	95.97	-	-	86.23	27.23	14.08	31.57	333	184	A	V
		2485.93	60.44	-13.56	74	50.5	27.36	14.14	31.56	333	184	P	V
		2485.09	46.52	-7.48	54	36.58	27.36	14.14	31.56	333	184	A	V
802.11ac VHT40 CH 06 2437MHz		2388.4	59.69	-14.31	74	50.06	27.15	14.06	31.58	370	118	P	H
		2389.94	44.83	-9.17	54	35.19	27.15	14.06	31.57	370	118	A	H
	*	2437	102.91	-	-	93.1	27.28	14.1	31.57	370	118	P	H
	*	2437	93.88	-	-	84.07	27.28	14.1	31.57	370	118	A	H
		2491.6	54.86	-19.14	74	44.88	27.4	14.14	31.56	370	118	P	H
		2485.09	44.45	-9.55	54	34.51	27.36	14.14	31.56	370	118	A	H
		2380.14	70.89	-3.11	74	61.3	27.11	14.06	31.58	377	182	P	V
		2387.84	49.89	-4.11	54	40.26	27.15	14.06	31.58	377	182	A	V
	*	2437	110.44	-	-	100.63	27.28	14.1	31.57	377	182	P	V
	*	2437	101.06	-	-	91.25	27.28	14.1	31.57	377	182	A	V
		2486.84	66.6	-7.4	74	56.66	27.36	14.14	31.56	377	182	P	V
		2484.95	48.9	-5.1	54	38.96	27.36	14.14	31.56	377	182	A	V



802.11ac VHT40 CH 09 2452MHz		2389.66	54.21	-19.79	74	44.58	27.15	14.06	31.58	376	223	P	H
		2376.78	43.03	-10.97	54	33.44	27.11	14.06	31.58	376	223	A	H
	*	2452	95.98	-	-	86.15	27.28	14.11	31.56	376	223	P	H
	*	2452	86.75	-	-	76.92	27.28	14.11	31.56	376	223	A	H
		2485.37	57.57	-16.43	74	47.63	27.36	14.14	31.56	376	223	P	H
		2486.07	43.34	-10.66	54	33.4	27.36	14.14	31.56	376	223	A	H
		2354.52	62.3	-11.7	74	52.78	27.07	14.03	31.58	320	185	P	V
		2385.6	45.1	-8.9	54	35.47	27.15	14.06	31.58	320	185	A	V
	*	2452	104.4	-	-	94.57	27.28	14.11	31.56	320	185	P	V
	*	2452	95.02	-	-	85.19	27.28	14.11	31.56	320	185	A	V
		2485.86	65	-9	74	55.06	27.36	14.14	31.56	320	185	P	V
		2493.42	47.13	-6.87	54	37.14	27.4	14.14	31.55	320	185	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 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	42.77	-31.23	74	61.89	31.39	6.71	57.22	100	0	P	H
		7266	43.84	-30.16	74	56.94	36.02	8.11	57.23	100	0	P	H
													H
													H
		4844	46.37	-27.63	74	65.49	31.39	6.71	57.22	100	0	P	V
		7266	44.1	-29.9	74	57.2	36.02	8.11	57.23	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	49.71	-24.29	74	68.69	31.46	6.73	57.17	100	0	P	H
		7311	43.96	-30.04	74	57.05	36.11	8.07	57.27	100	0	P	H
													H
													H
		4874	54.82	-19.18	74	73.8	31.46	6.73	57.17	313	137	P	V
		4874	43.48	-10.52	54	62.46	31.46	6.73	57.17	313	137	A	V
		7311	45.01	-28.99	74	58.1	36.11	8.07	57.27	100	0	P	V
													V
802.11ac VHT40 CH 09 2452MHz		4904	41.91	-32.09	74	60.77	31.53	6.73	57.12	100	0	P	H
		7356	44.62	-29.38	74	57.68	36.24	8.03	57.33	100	0	P	H
													H
													H
		4904	44.97	-29.03	74	63.83	31.53	6.73	57.12	100	0	P	V
		7356	44.73	-29.27	74	57.79	36.24	8.03	57.33	100	0	P	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11n HT40 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT40 LF		187.68	39.18	-4.32	43.5	55.57	14.59	1.29	32.27	-	-	P	H
		199.29	40.33	-3.17	43.5	56.46	14.87	1.27	32.27	100	0	P	H
		266.79	42.5	-3.5	46	53.81	19.41	1.46	32.18	-	-	P	H
		464.5	38.96	-7.04	46	46.13	23.22	1.79	32.18	-	-	P	H
		664	34.02	-11.98	46	37.8	26.24	2.16	32.18	-	-	P	H
		832.7	37.01	-8.99	46	38.11	28.27	2.46	31.83	-	-	P	H
													H
													H
													H
													H
													H
													H
		34.32	31.87	-8.13	40	41.45	22.31	0.45	32.34	-	-	P	V
		199.56	33.68	-9.82	43.5	49.81	14.87	1.27	32.27	-	-	P	V
		266.79	37.92	-8.08	46	49.23	19.41	1.46	32.18	100	0	P	V
		464.5	36.15	-9.85	46	43.32	23.22	1.79	32.18	-	-	P	V
		664	32.42	-13.58	46	36.2	26.24	2.16	32.18	-	-	P	V
		832	35.68	-10.32	46	36.82	28.24	2.46	31.84	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

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

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

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



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Watt Tseng, Karl Hou, and Nick Yu	Temperature :	21~23°C
		Relative Humidity :	59~62%

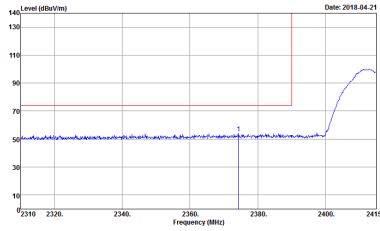
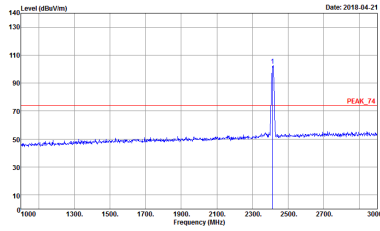
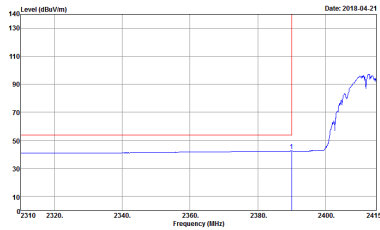
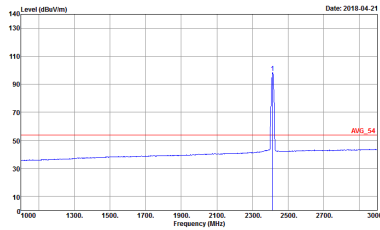
Note symbol

-L	Low channel location
-R	High channel location

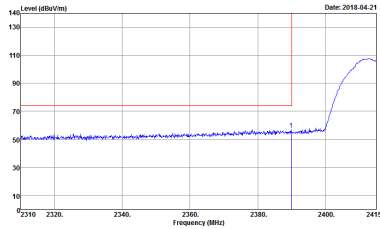
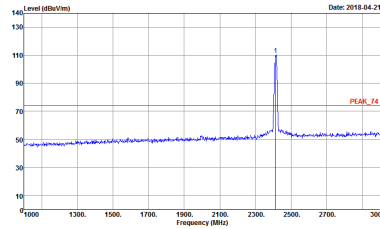
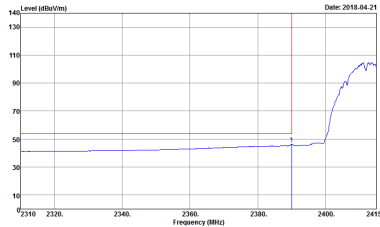
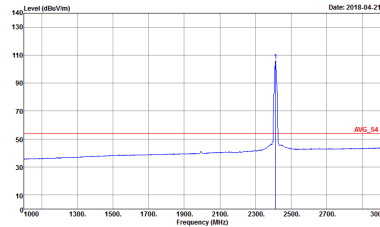


2.4GHz 2400~2483.5MHz

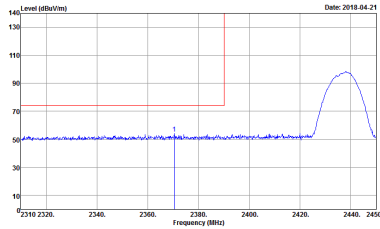
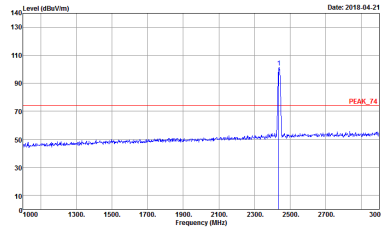
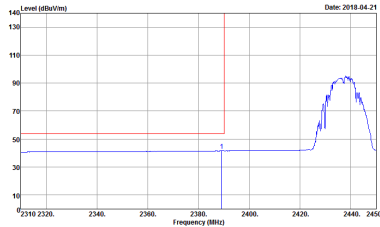
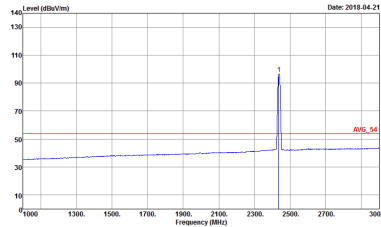
WIFI 802.11b (Band Edge @ 3m)

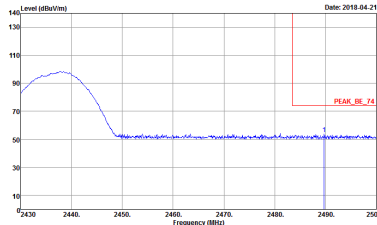
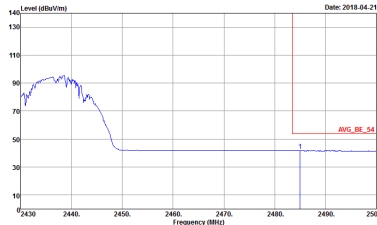
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_8C_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5
Avg.	 Site : 03CH12-HY Condition : AVG_8C_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5



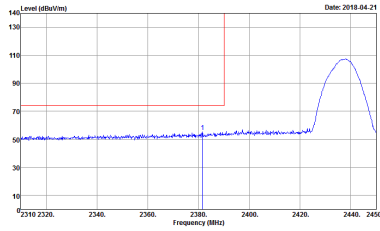
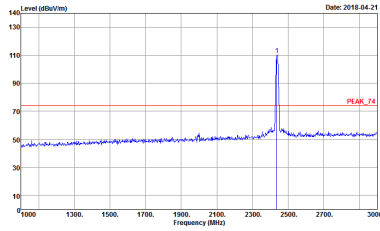
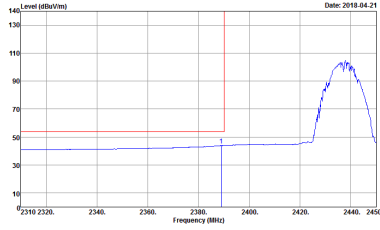
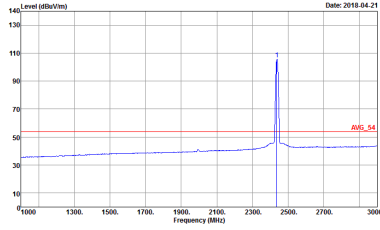
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5

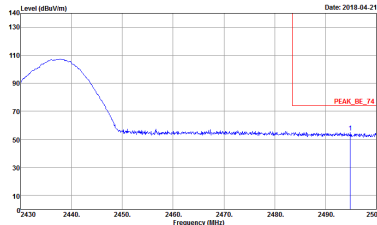
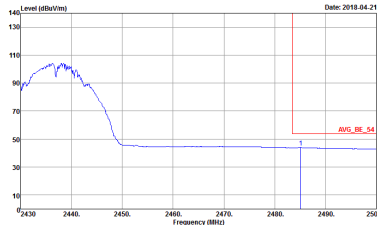


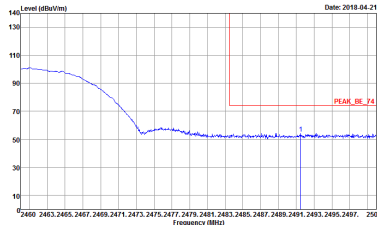
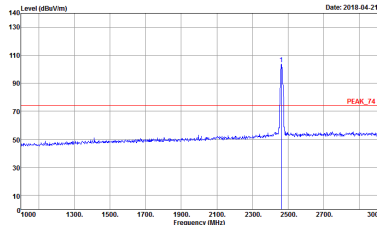
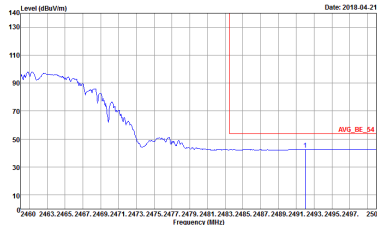
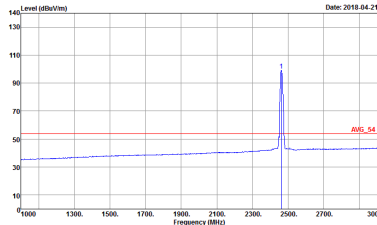
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12

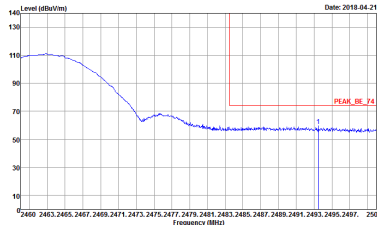
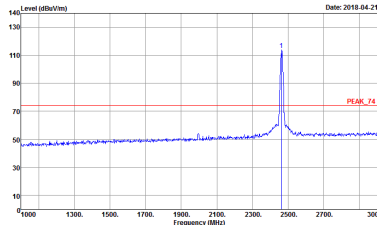
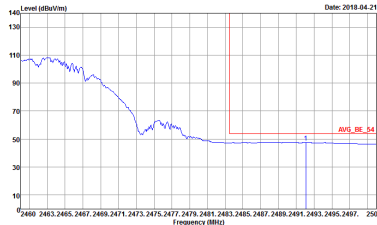
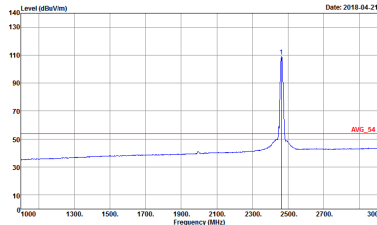
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 10 Setting : 12	Left blank

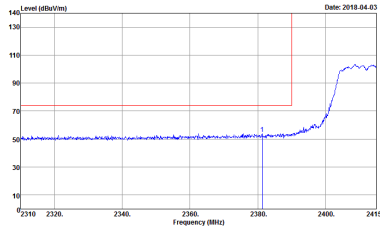
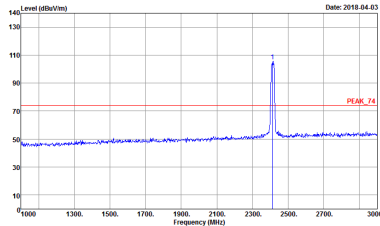
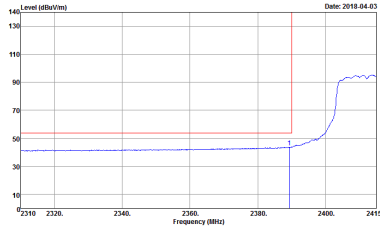
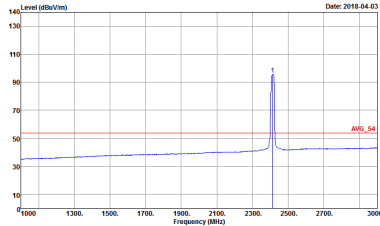
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : II Setting : 16.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : II Setting : 16.5
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : II Setting : 16.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : II Setting : 16.5

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : II Setting : 16.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : II Setting : 16.5
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : II Setting : 16.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : II Setting : 16.5

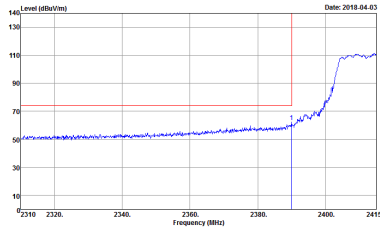
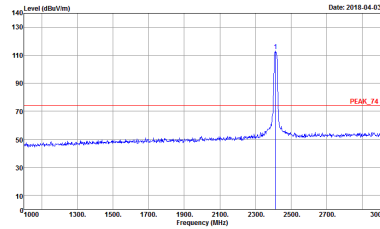
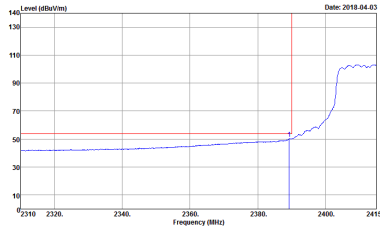
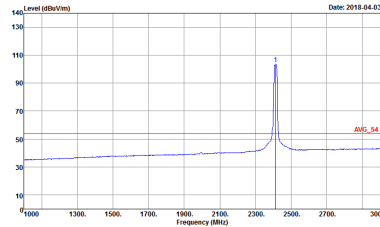


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 10 Setting : 16.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 10 Setting : 16.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 10 Setting : 16.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 10 Setting : 16.5

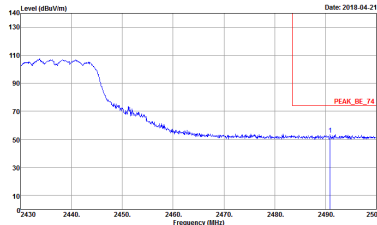
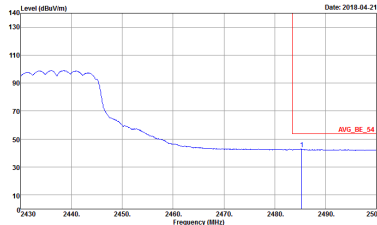


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 10 Setting : 16.5	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 10 Setting : 16.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 10 Setting : 16.5	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 10 Setting : 16.5



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19	Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19

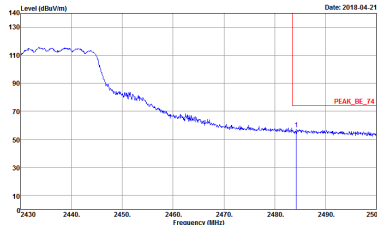
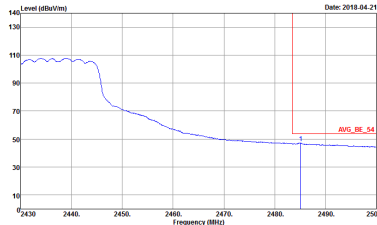


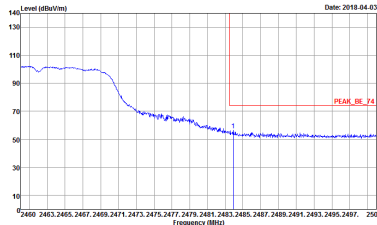
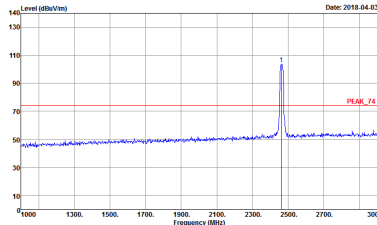
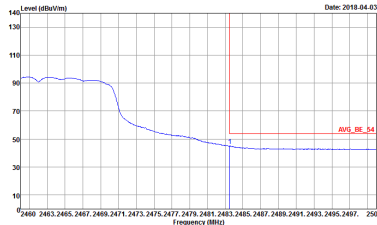
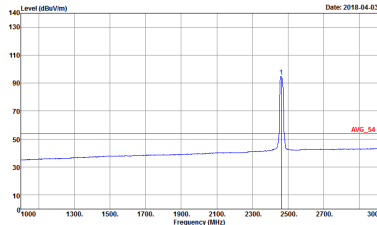
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Setting : 773112-03 Mode : 13 Setting : 19	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Setting : 773112-03 Mode : 13 Setting : 19	Left blank

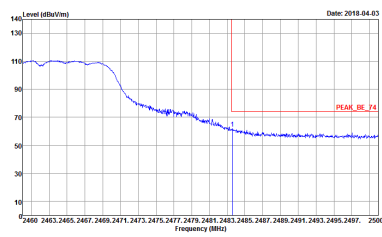
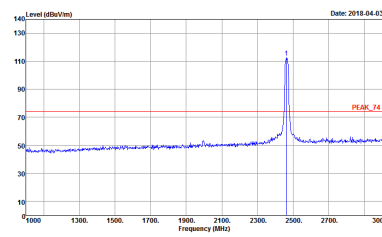
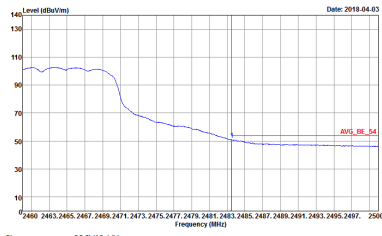
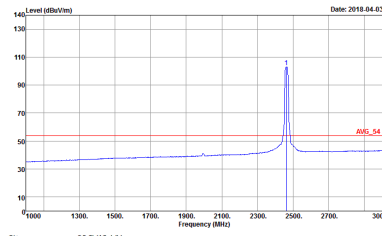


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19	Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19	Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19	Left blank

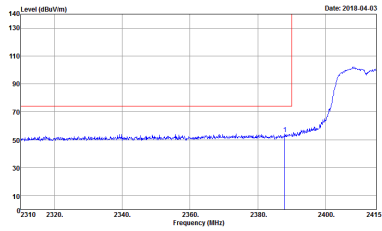
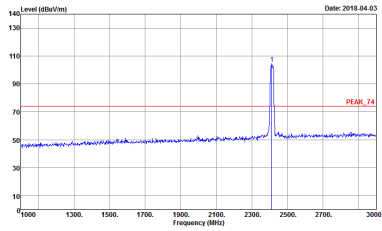
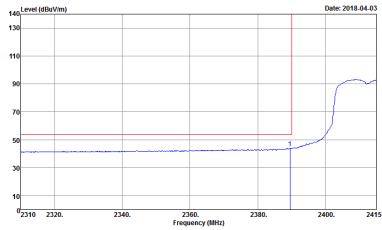
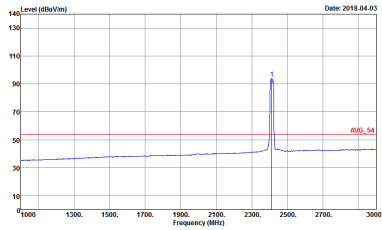
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : II Setting : 15.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : II Setting : 15.5
	 Site : 03CH12-HY Condition : AV6_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : II Setting : 15.5	 Site : 03CH12-HY Condition : AV6_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : II Setting : 15.5

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : II Setting : 15.5	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : II Setting : 15.5
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : II Setting : 15.5	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : II Setting : 15.5

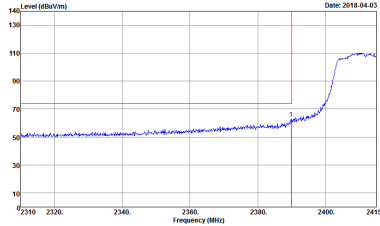
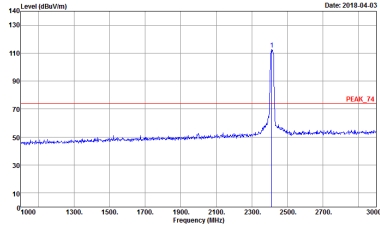
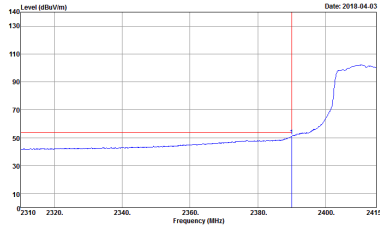
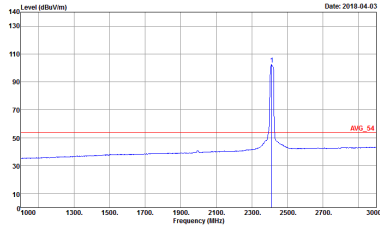


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 12 Setting : 15.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 12 Setting : 15.5
Avg.	 Site : 03CH12-HY Condition : AV6_BE_54 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:10000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 12 Setting : 15.5	 Site : 03CH12-HY Condition : AV6_54 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:10000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 12 Setting : 15.5

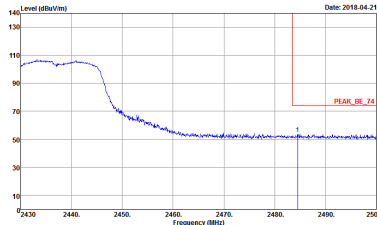
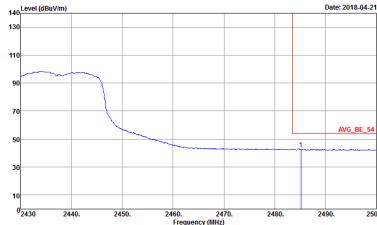


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 12 Setting : 15.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 12 Setting : 15.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 12 Setting : 15.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 12 Setting : 15.5

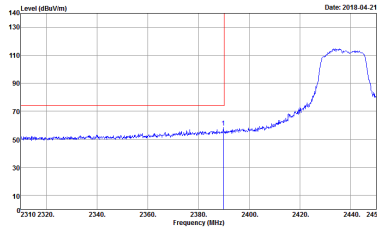
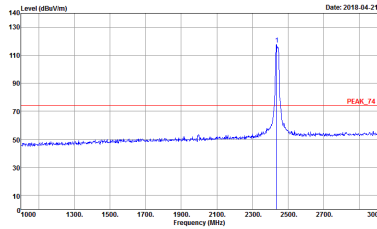
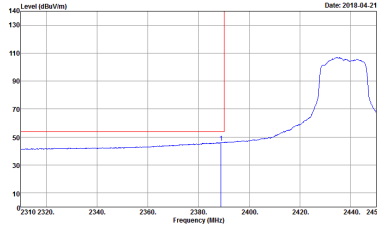
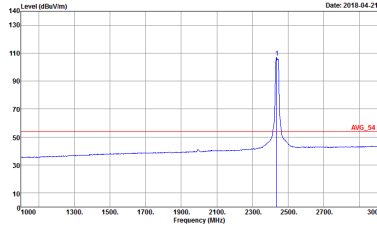


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak 773112-03 Mode : 16 Setting : 18.5	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak 773112-03 Mode : 16 Setting : 18.5
	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak 773112-03 Mode : 16 Setting : 18.5	Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak 773112-03 Mode : 16 Setting : 18.5

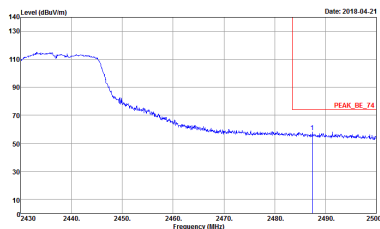
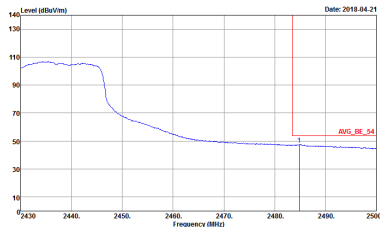


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 773112-03 Mode : 16 Setting : 18.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 773112-03 Mode : 16 Setting : 18.5	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 16 Setting : 18.5	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 16 Setting : 18.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 16 Setting : 18.5	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 16 Setting : 18.5

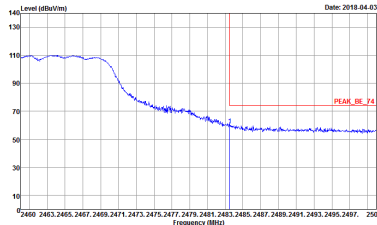
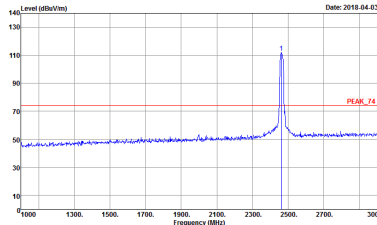
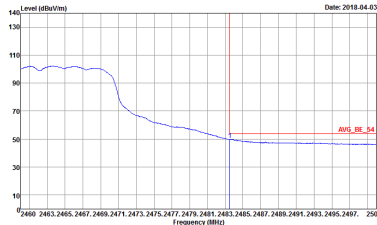
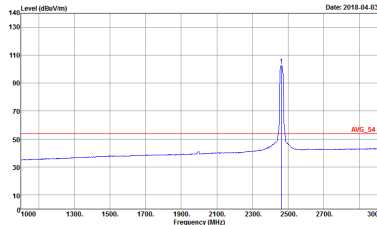


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 16 Setting : 18.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 16 Setting : 18.5	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak 773112-01 Mode : 13 Setting : 15	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak 773112-01 Mode : 13 Setting : 15
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak 773112-01 Mode : 13 Setting : 15	Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak 773112-01 Mode : 13 Setting : 15

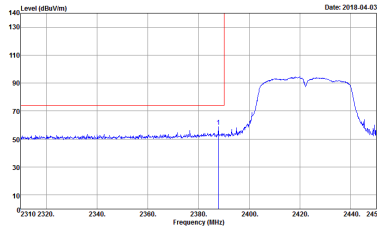
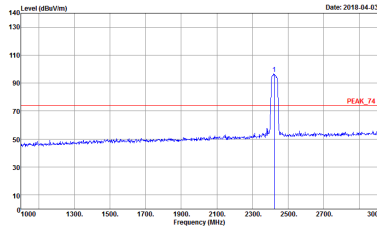
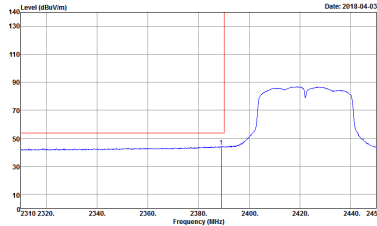
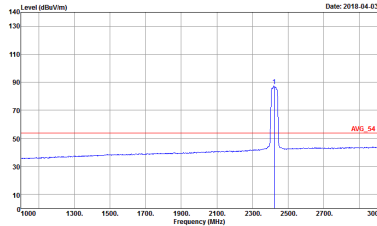


WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak 773112-01 Mode : 13 Setting : 15	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak 773112-01 Mode : 13 Setting : 15
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak 773112-01 Mode : 13 Setting : 15	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak 773112-01 Mode : 13 Setting : 15

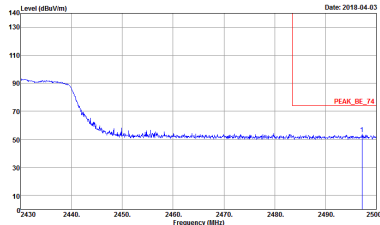
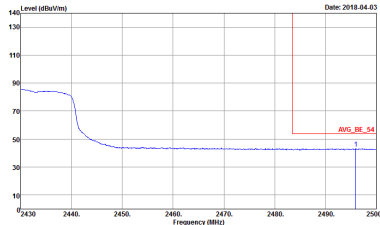


2.4GHz 2400~2483.5MHz

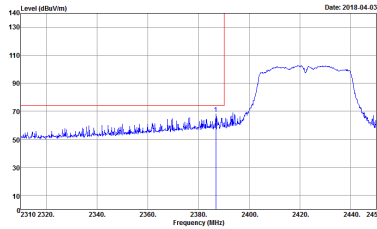
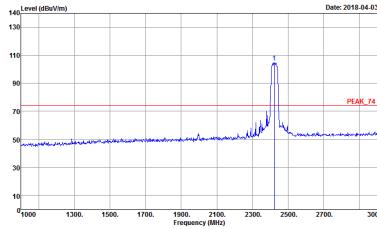
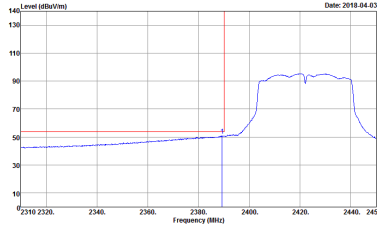
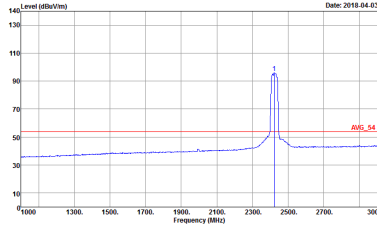
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 16 Setting : 11.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 16 Setting : 11.5
Avg.	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 16 Setting : 11.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 16 Setting : 11.5

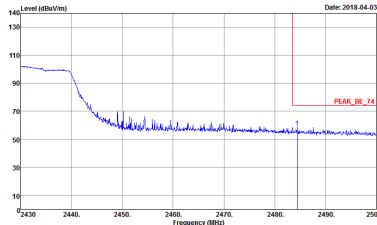
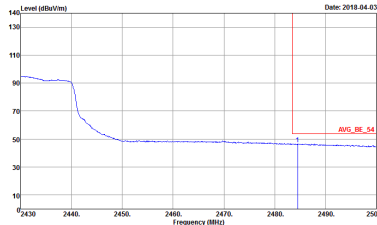


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 16 Setting : 11.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 16 Setting : 11.5	Left blank

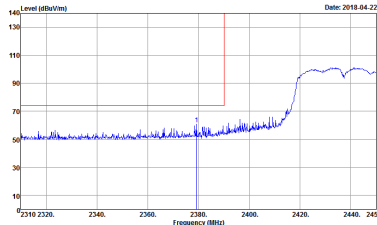
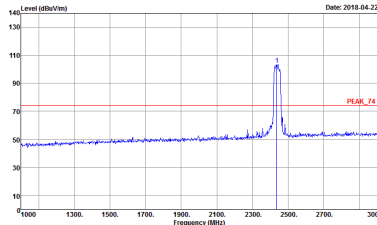
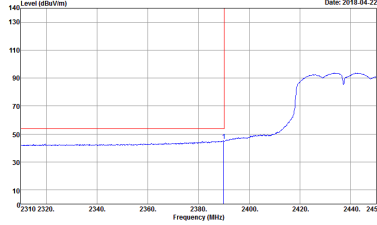
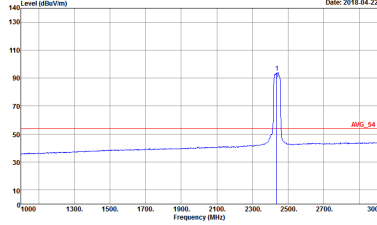


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-01 Mode : 16 Setting : 11.5	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-01 Mode : 16 Setting : 11.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 773112-01 Mode : 16 Setting : 11.5	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 773112-01 Mode : 16 Setting : 11.5

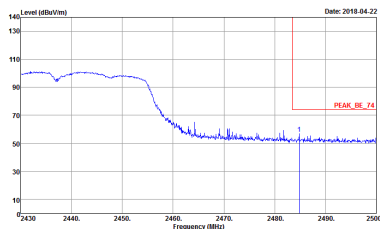
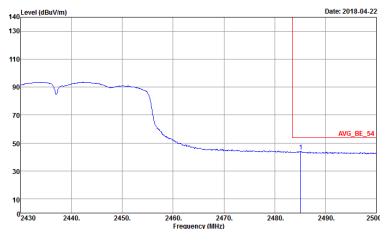


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 16 Setting : 11.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 16 Setting : 11.5	Left blank

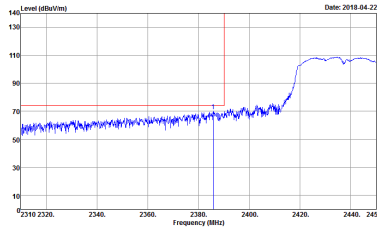
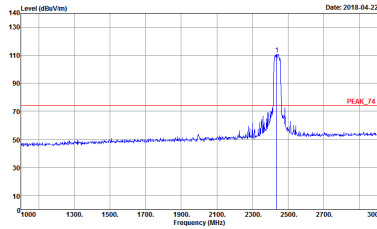
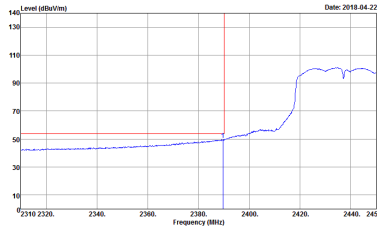
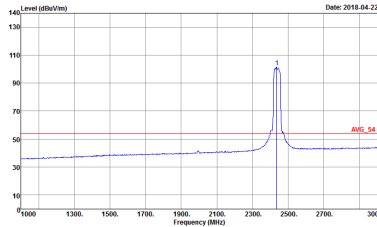


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-03 Mode : ZF Setting : 16	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-03 Mode : ZF Setting : 16
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 773112-03 Mode : ZF Setting : 16	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 773112-03 Mode : ZF Setting : 16

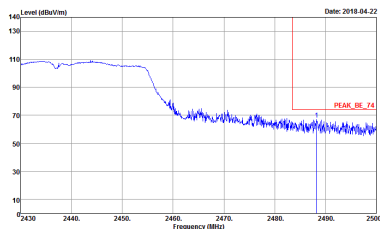
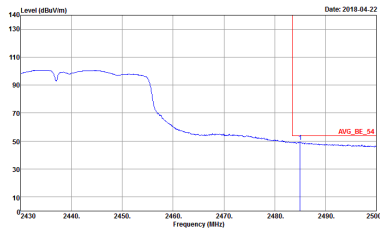


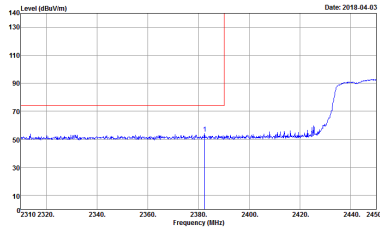
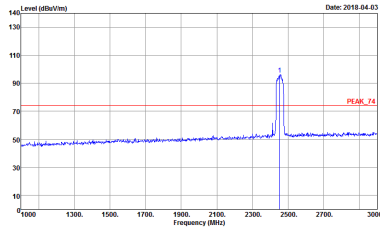
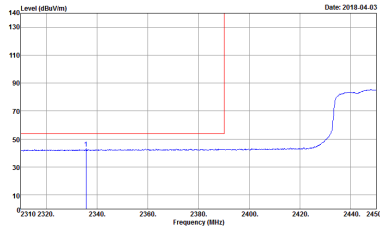
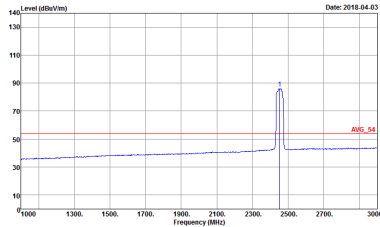
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Setting : 773112-03 Mode : 22 Setting : 16	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Setting : 773112-03 Mode : 22 Setting : 16	Left blank



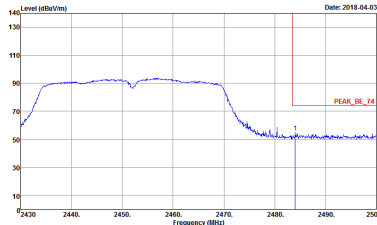
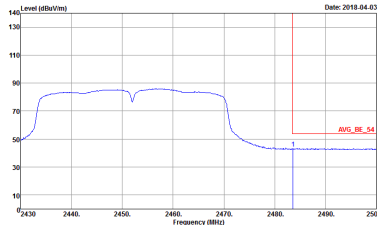
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : Z2 Setting : 16	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : Z2 Setting : 16
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : Z2 Setting : 16	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : Z2 Setting : 16



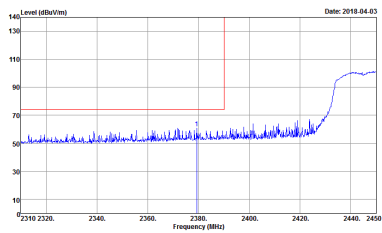
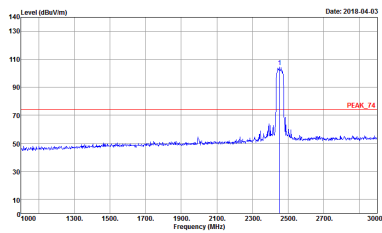
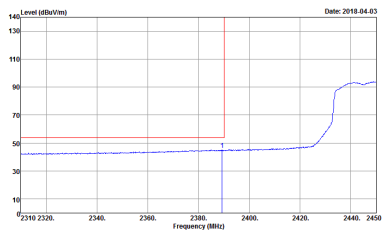
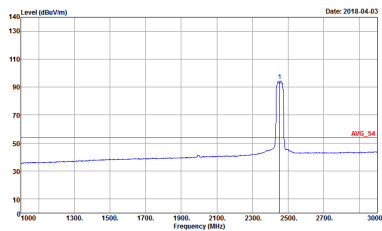
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 773112-03 Mode : ZF Setting : 16	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 773112-03 Mode : ZF Setting : 16	Left blank

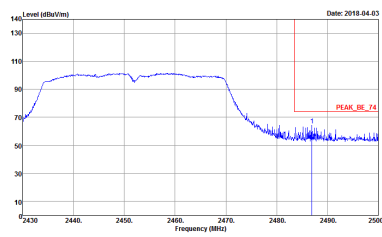
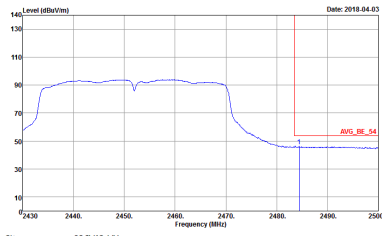
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10
	 Site : 03CH12-HY Condition : AV6_BE_54 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10	 Site : 03CH12-HY Condition : AV6_54 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 17 Setting : 10	Left blank

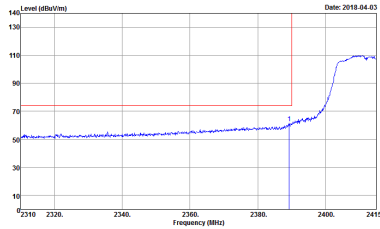
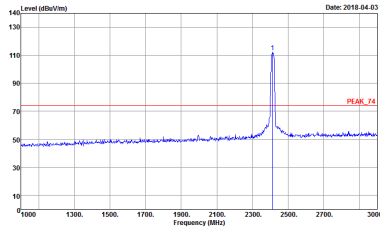
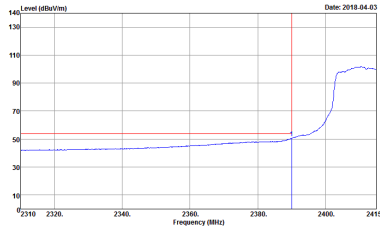
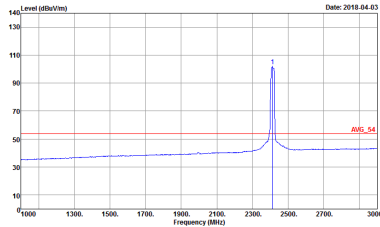


2.4GHz 2400~2483.5MHz

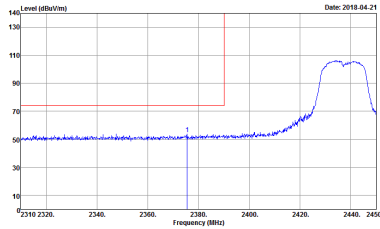
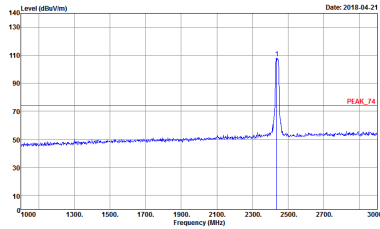
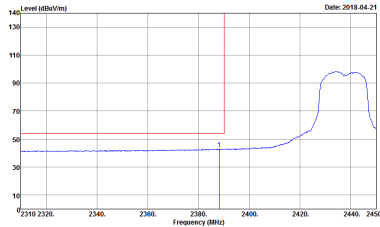
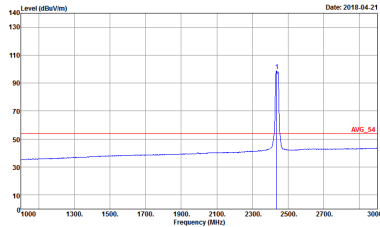
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 14 Setting : 15	Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 14 Setting : 15
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 14 Setting : 15	Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 14 Setting : 15

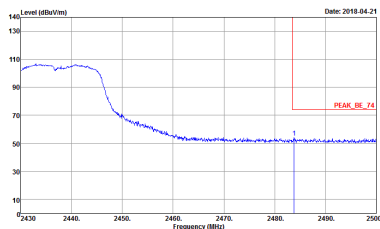
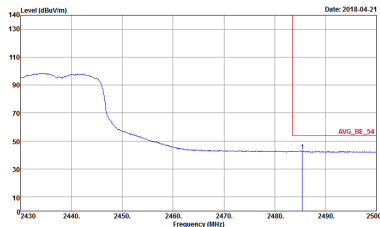


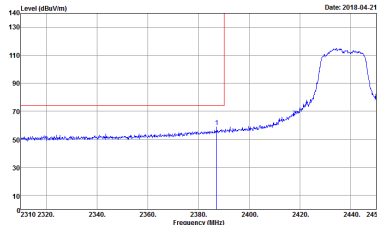
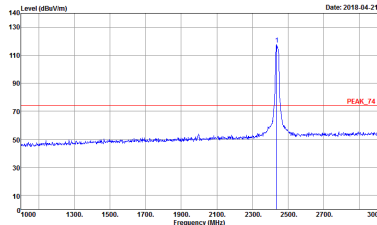
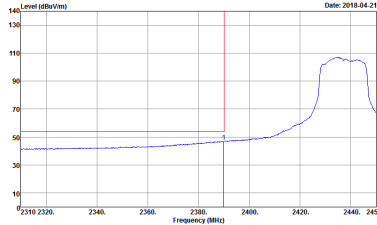
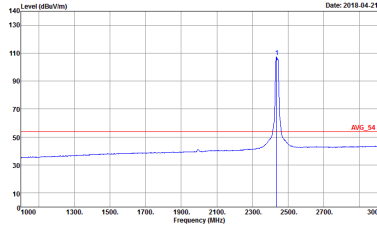
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 773112-01 Setting : 14 Setting : 15	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 773112-01 Setting : 14 Setting : 15
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 773112-01 Setting : 14 Setting : 15	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 773112-01 Setting : 14 Setting : 15



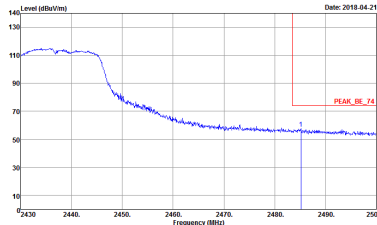
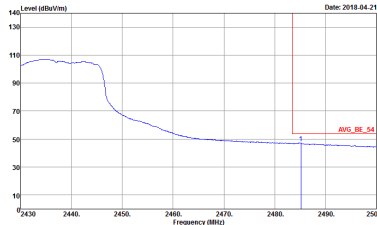
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 19 Setting : 18.5	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 19 Setting : 18.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 19 Setting : 18.5	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 19 Setting : 18.5



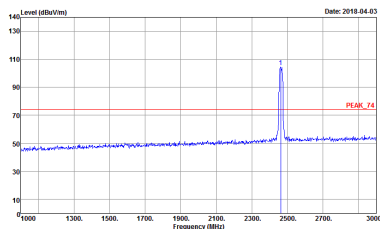
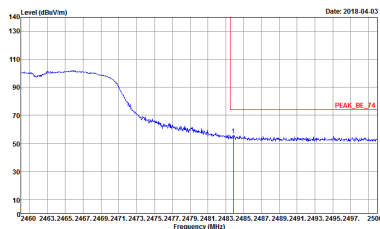
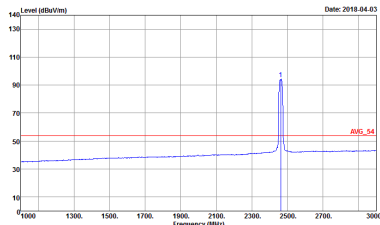
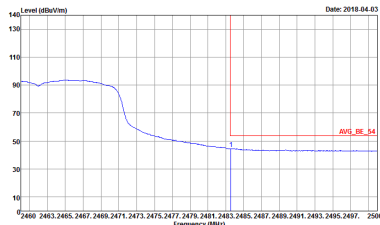
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 19 Setting : 18.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 19 Setting : 18.5	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak 773112-03 Mode : 19 Setting : 18.5	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak 773112-03 Mode : 19 Setting : 18.5
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak 773112-03 Mode : 19 Setting : 18.5	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak 773112-03 Mode : 19 Setting : 18.5

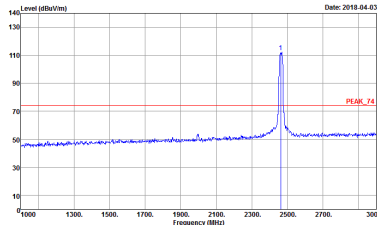
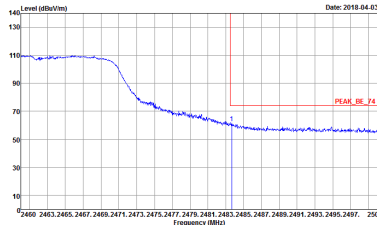
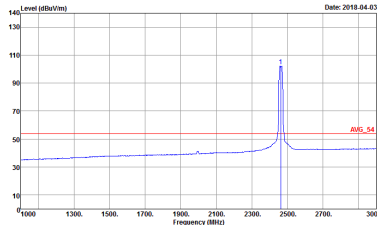
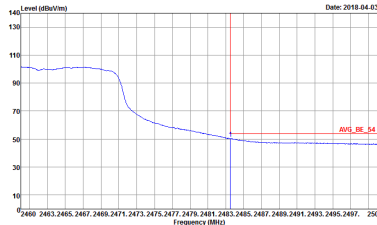


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 19 Setting : 18.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 19 Setting : 18.5	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-01 Mode : Peak Setting : 15	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-01 Mode : Peak Setting : 15
Avg.	 Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : 773112-01 Mode : Peak Setting : 15	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : 773112-01 Mode : Peak Setting : 15

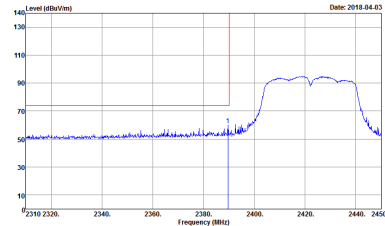
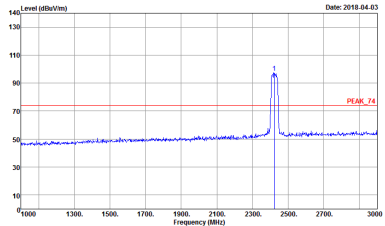
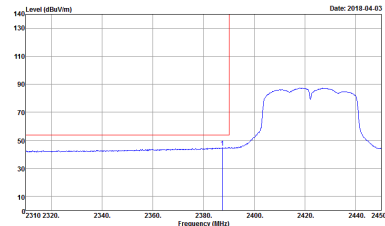
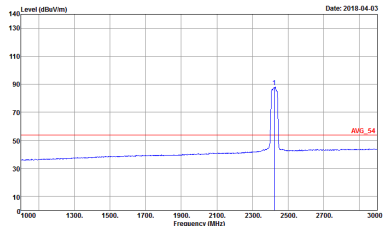


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-01 Mode : 15 Setting : 15	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-01 Mode : 15 Setting : 15
Avg.	 Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : 773112-01 Mode : 15 Setting : 15	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : 773112-01 Mode : 15 Setting : 15

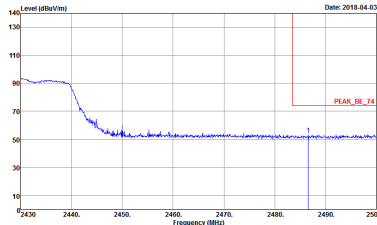
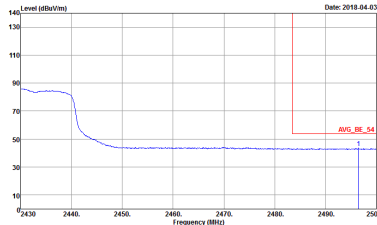


2.4GHz 2400~2483.5MHz

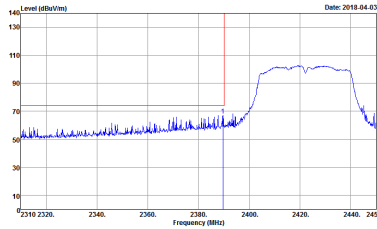
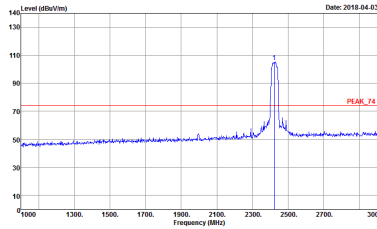
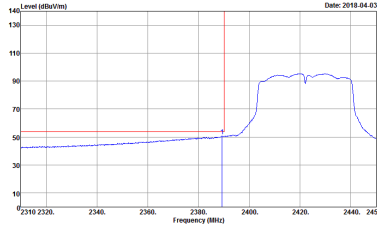
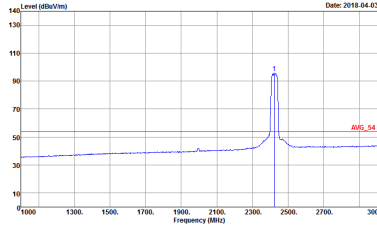
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5
Avg.	 Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5	 Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 HORIZONTAL RBW:1000.0000Hz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5

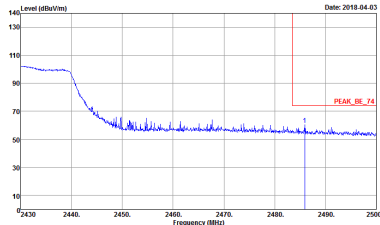
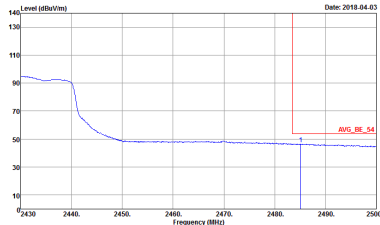


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5	Left blank

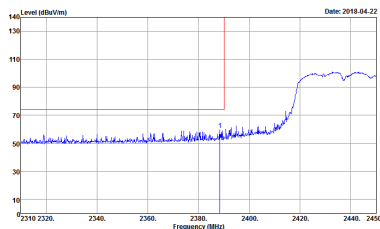
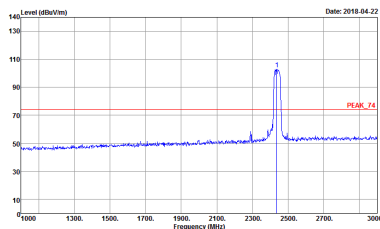
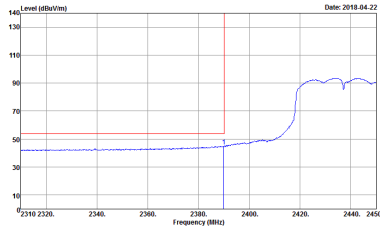
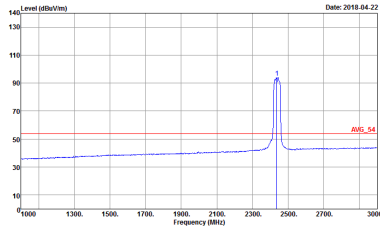


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5

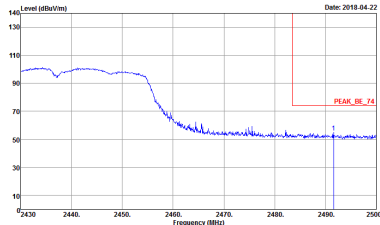
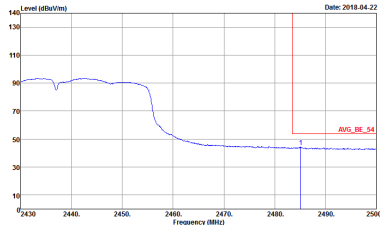


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 18 Setting : 11.5	Left blank

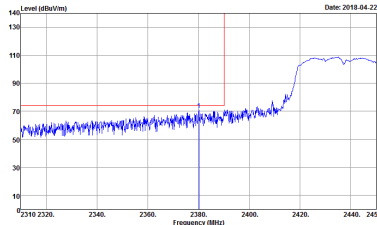
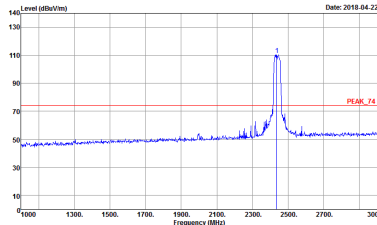
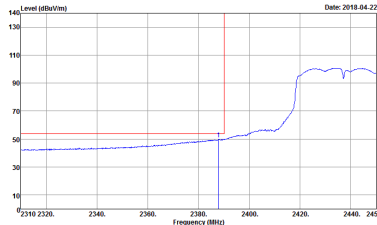
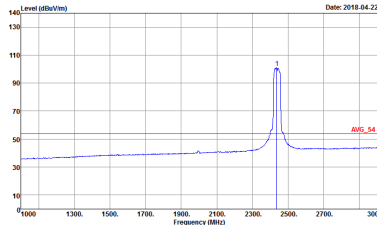


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-03 Mode : 25 Setting : 16	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 773112-03 Mode : 25 Setting : 16
Avg.	 Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 773112-03 Mode : 25 Setting : 16	 Site : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 773112-03 Mode : 25 Setting : 16

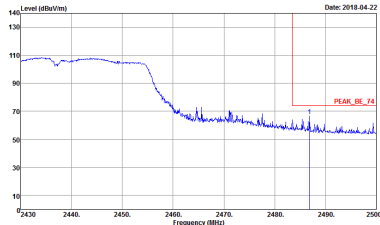
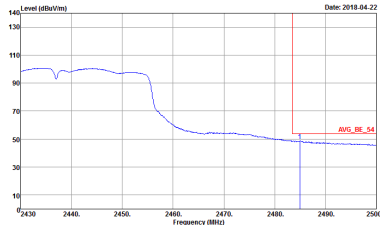


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 773112-03 Mode : 25 Setting : 16	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 773112-03 Mode : 25 Setting : 16	Left blank



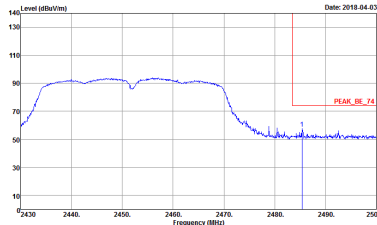
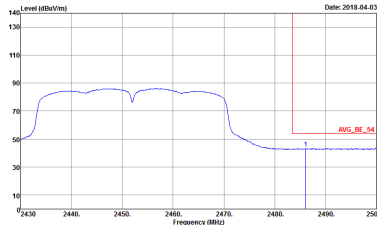
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 25 Setting : 16	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 25 Setting : 16
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 25 Setting : 16	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 25 Setting : 16



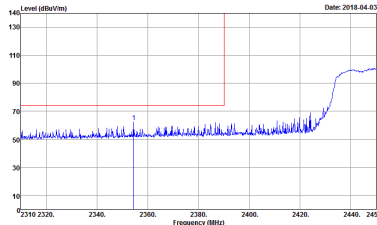
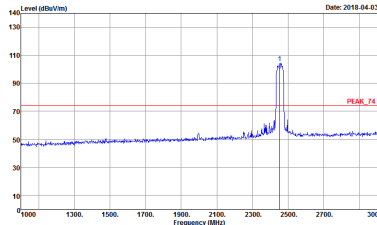
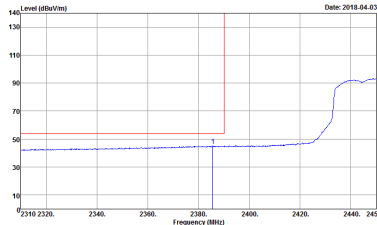
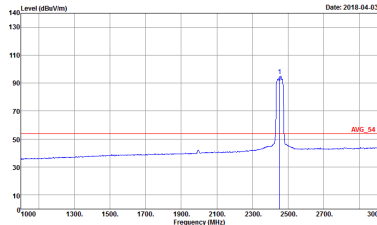
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 25 Setting : 16	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 25 Setting : 16	Left blank



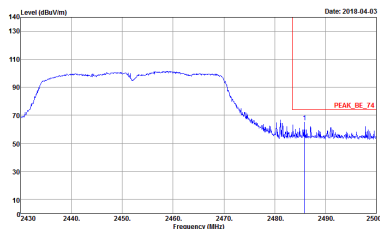
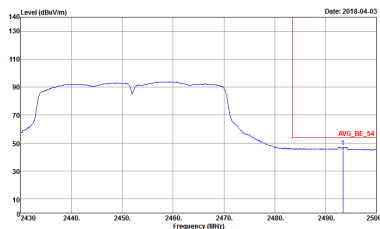
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10	Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10
Avg.	Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10	Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10	 Site : 03CH12-HY Condition : PEAK_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10
	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10	 Site : 03CH12-HY Condition : AVG_F4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 19 Setting : 10	Left blank

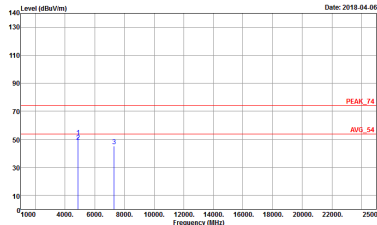
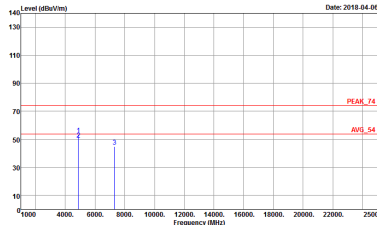


2.4GHz 2400~2483.5MHz

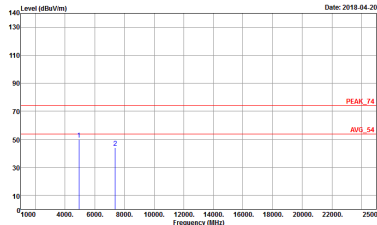
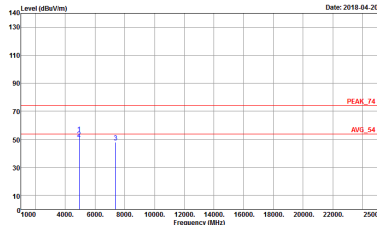
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 9 Setting : 12.5



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 9 Setting : 12	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-01 Mode : 9 Setting : 12

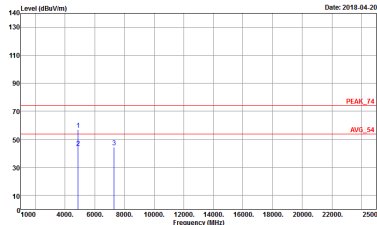
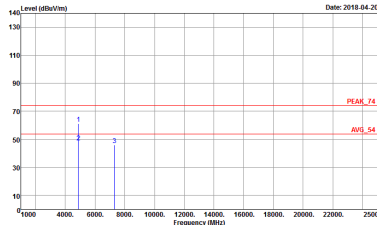


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 11 Setting : 16.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 11 Setting : 16.5

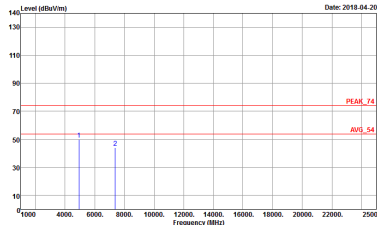
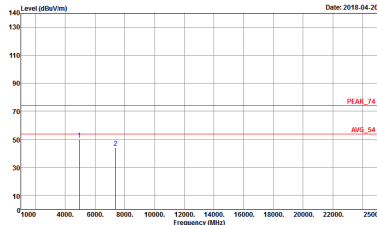
**2.4GHz 2400~2483.5MHz****WIFI 802.11g (Harmonic @ 3m)**

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 12 Setting : 16.5	Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 12 Setting : 16.5



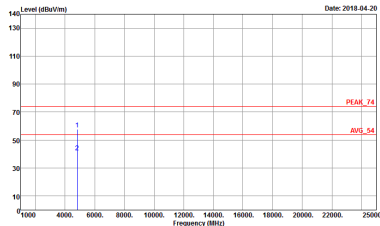
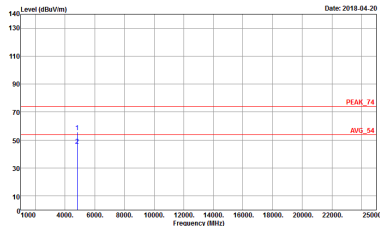
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 13 Setting : 19



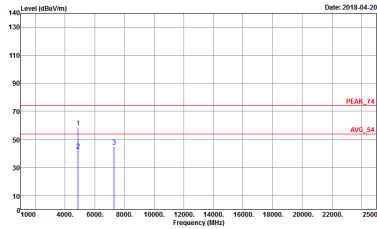
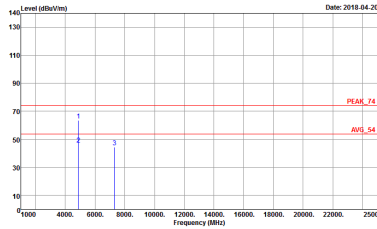
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 14	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 14



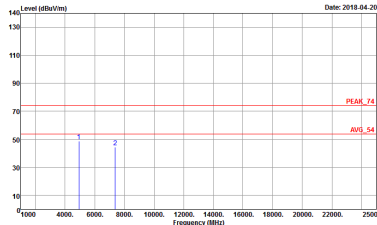
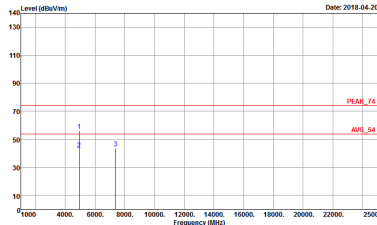
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 15	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 15

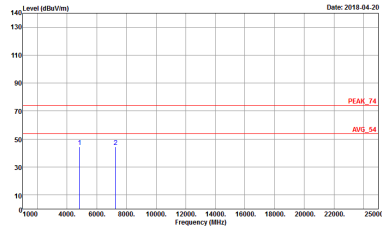
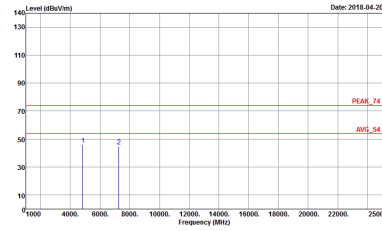


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 16	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 16

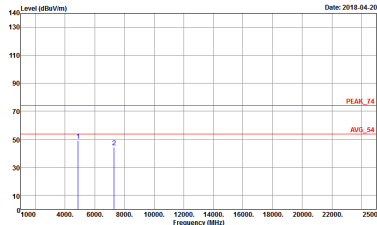
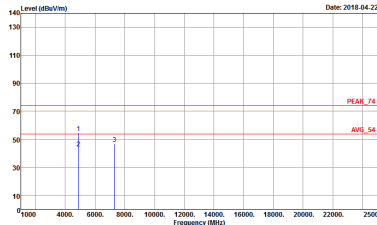


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 17	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 17

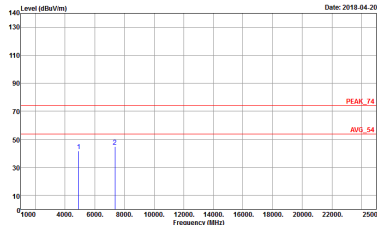
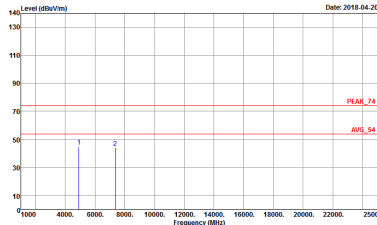
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 21	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 21



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 22	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 22

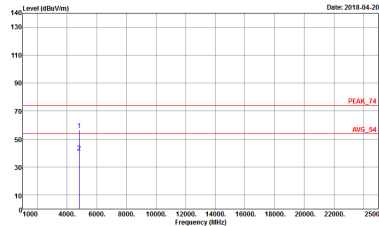
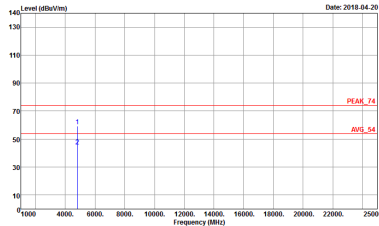


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 23	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 23

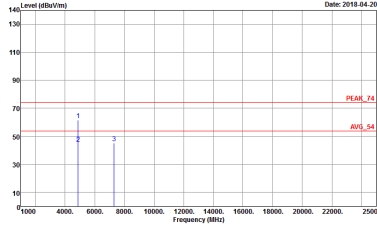
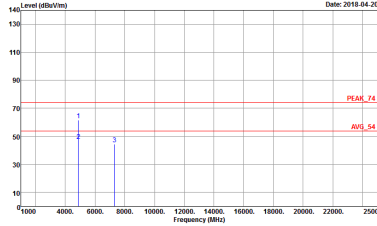


2.4GHz 2400~2483.5MHz

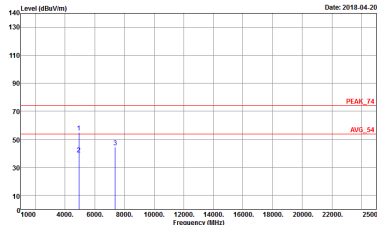
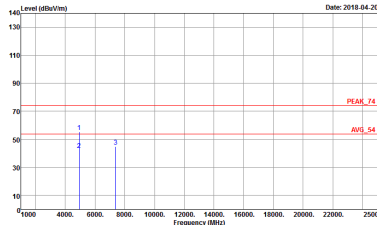
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 1B	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 1B



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 19	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 19

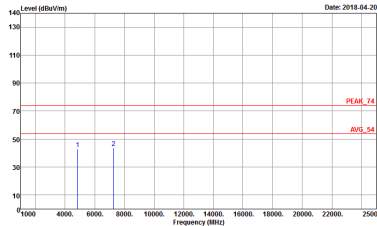
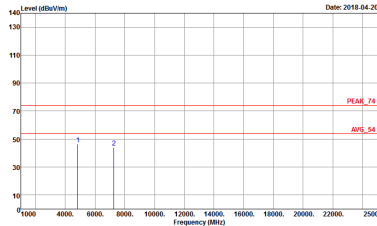


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 20	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 20

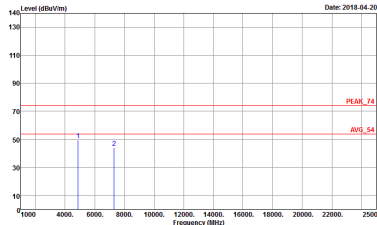
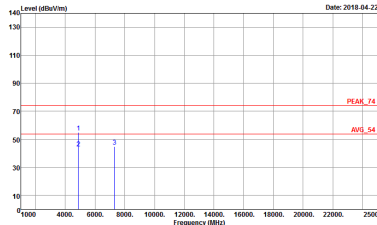


2.4GHz 2400~2483.5MHz

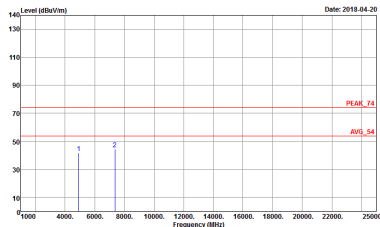
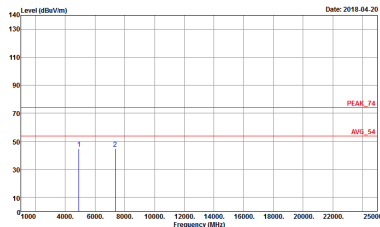
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH03 2422MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 24	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 24

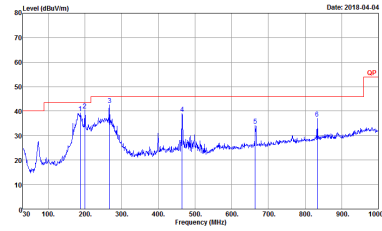
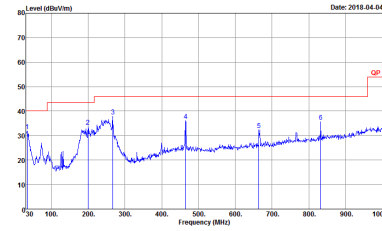


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 25	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 25



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 773112-03 Mode : 26	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 773112-03 Mode : 26

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	 Site : 03CH12-HY Condition : QP 3m BIL06_6111D_35414 HORIZONTAL Detector : Peak Project : 773112-01 Mode : 20	 Site : 03CH12-HY Condition : QP 3m BIL06_6111D_35414 VERTICAL Detector : Peak Project : 773112-01 Mode : 20