



FCC RADIO TEST REPORT

FCC ID : PPD-QCNFA435
Equipment : Single Stream 802.11a/b/g/n/ac + BT 4.1 M.2 Type Card
Brand Name : Qualcomm Atheros
Model Name : QCNFA435
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. 15, 2018 and testing was started from Mar. 15, 2018 and completed on May 04, 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.)



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History of this test report

Report No.	Version	Description	Issued Date
FR773112-04C	01	Initial issue of report	May 23, 2018
FR773112-04C	02	1. Revise connection diagram of test system 2. Add the remark description in summary 3. Add measuring equipment 4. Add test procedures for output power	May 31, 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 3.02 dB at 2484.920 MHz
3.3	15.203 & 15.247(b)	Antenna Requirement	Pass	-
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: Polly Tsai

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: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. 03CH16-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
- ♦ 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		

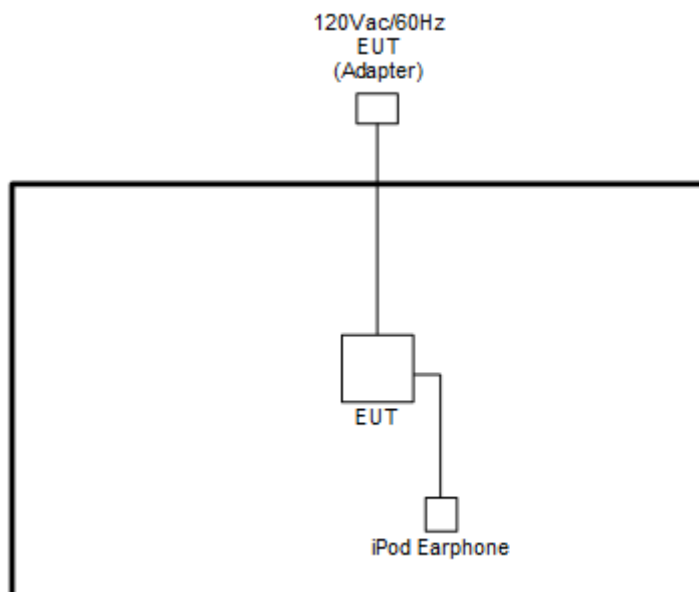
2.2 Test Mode

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

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

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0m	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 output power is 30dBm. If transmitting antenna with directional gain greater than 6dBi is used, the 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

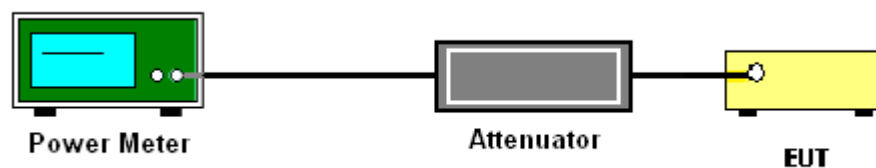
See list of measuring equipment of this test report.

3.1.3 Test Procedures

The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04 section 9.2.3.2 Method AVGPM-G.

1. 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.
2. Set to the maximum power setting and enable the EUT transmit continuously.
3. Measure the conducted output power and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of Peak Output Power (Reporting Only)

Please refer to Appendix A.

3.1.6 Test Result of Average output Power

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

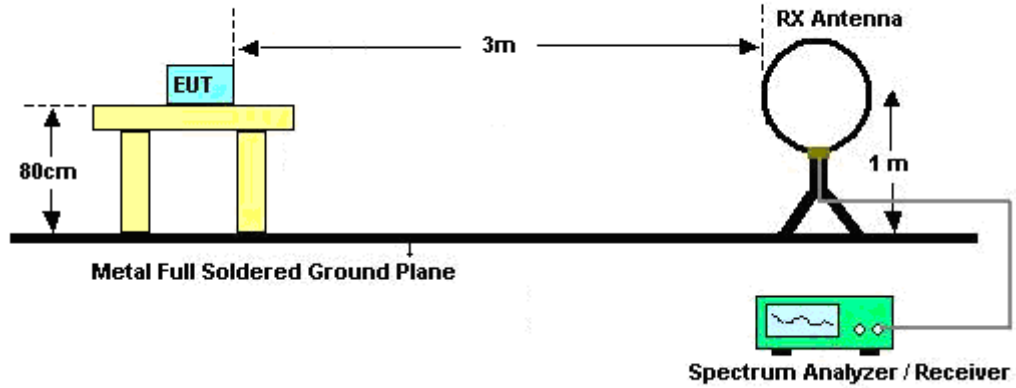
See list of measuring equipment of this test report.

3.2.3 Test Procedures

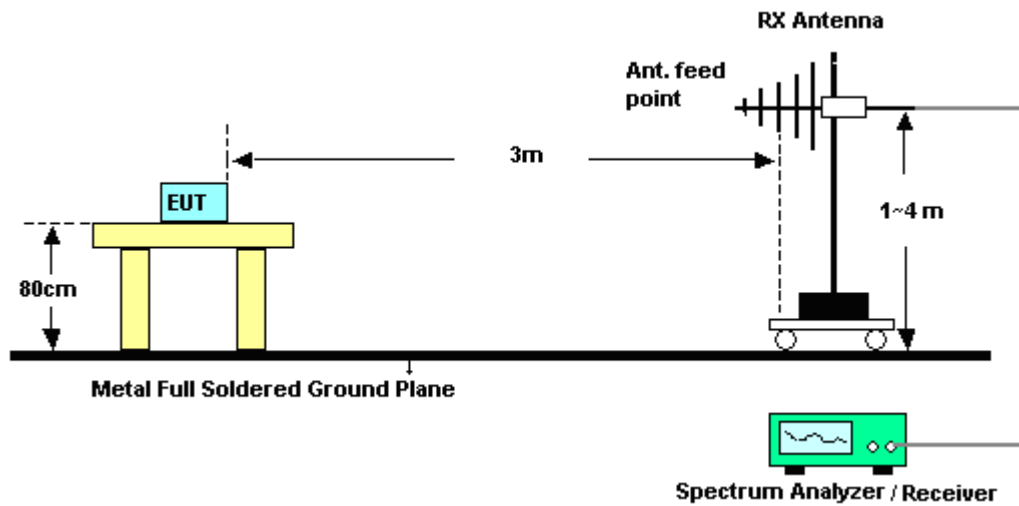
1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test 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 - Preamplifier 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

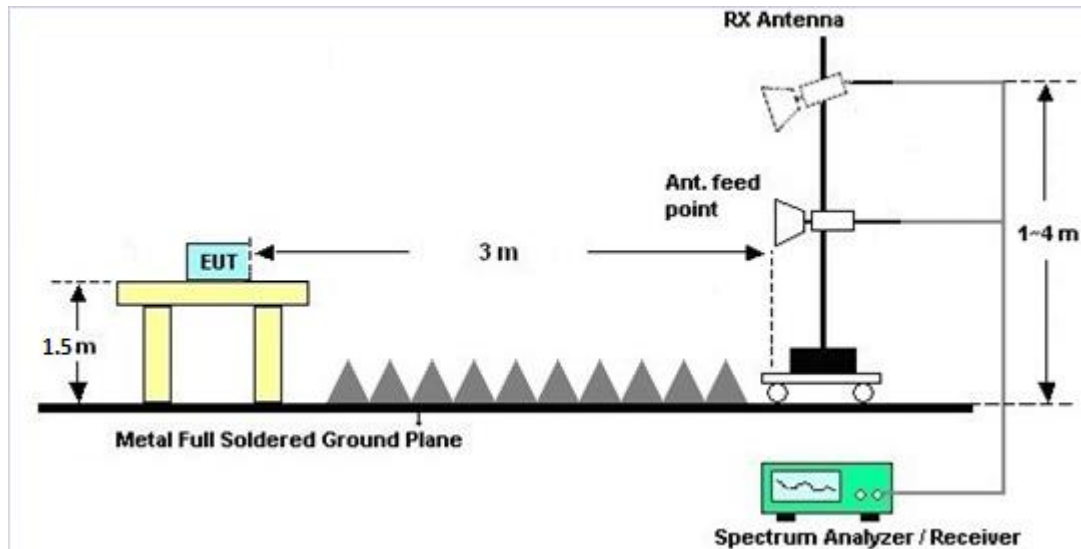
For radiated emissions below 30MHz



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.



3.3 Antenna Requirements

3.3.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached Antenna or of an Antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.3.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



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. 15, 2018 ~ May 04, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207349	300MHz~40GHz	Sep. 07, 2017	Mar. 15, 2018 ~ May 04, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 20, 2017	Mar. 15, 2018 ~ May 04, 2018	Jun. 19, 2018	Conducted (TH05-HY)
Preamplifier	Jet-Power	JAP00101800-30-10P	160118550004	1GHz~18GHz	Apr. 13, 2017	Mar. 22, 2018 ~ Apr. 11, 2018	Apr. 12, 2018	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JAP00101800-30-10P	160118550004	1GHz~18GHz	Apr. 17, 2018	Apr. 17, 2018 ~ Apr. 29, 2018	Apr. 16, 2019	Radiation (03CH16-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Nov. 22, 2018	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-1080-1200-15000-60ST	SN1	1.2 GHz Highpas	Jul. 17, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Jul. 16, 2018	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 17, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Oct. 16, 2018	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 17, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Oct. 16, 2018	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	MY1082/26EA	30M~18GHz	Oct. 17, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Oct. 16, 2018	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz ~ 26.5GHz	Dec. 05, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Dec. 04, 2018	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 05, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Dec. 04, 2018	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN3	3 GHz Highpass	Jul. 06, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Jul. 05, 2018	Radiation (03CH16-HY)
Horn Antenna	ESCO	3117	00211469	1GHz~18GHz	Jul. 31, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Jul. 30, 2018	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY57290111	3Hz~26.5GHz	Nov. 02, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Nov. 01, 2018	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1000MHz	Sep. 27, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Sep. 26, 2018	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D&00802N1D01N-06	47020&06	30MHz to 1GHz	Nov. 20, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Nov. 19, 2018	Radiation (03CH16-HY)
Test Software	AUDIX	E3 6.2009-8-24	RK001136	N/A	N/A	Mar. 22, 2018 ~ Apr. 29, 2018	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar. 22, 2018 ~ Apr. 29, 2018	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar. 22, 2018 ~ Apr. 29, 2018	N/A	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 27, 2017	Mar. 22, 2018 ~ Apr. 29, 2018	Nov. 26, 2018	Radiation (03CH16-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.9
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Lena Lo /Aking Chang	Temperature:	21~25	°C
Test Date:	2018/3/15~2018/5/4	Relative Humidity:	51~54	%

TEST RESULTS DATA
Peak Power Table

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)
11b	1Mbps	1	1	2412	18.92	30.00	18.92	36.00
11b	1Mbps	1	6	2437	20.20	30.00	20.20	36.00
11b	1Mbps	1	11	2462	19.82	30.00	19.82	36.00
11g	6Mbps	1	1	2412	20.74	30.00	20.74	36.00
11g	6Mbps	1	6	2437	23.40	30.00	23.40	36.00
11g	6Mbps	1	11	2462	20.37	30.00	20.37	36.00
HT20	MCS0	1	1	2412	19.65	30.00	19.65	36.00
HT20	MCS0	1	6	2437	23.70	30.00	23.70	36.00
HT20	MCS0	1	11	2462	18.84	30.00	18.84	36.00
HT40	MCS0	1	3	2422	14.38	30.00	14.38	36.00
HT40	MCS0	1	6	2437	16.99	30.00	16.99	36.00
HT40	MCS0	1	9	2452	15.19	30.00	15.19	36.00
VHT20	MCS0	1	1	2412	20.12	30.00	20.12	36.00
VHT20	MCS0	1	6	2437	23.71	30.00	23.71	36.00
VHT20	MCS0	1	11	2462	18.91	30.00	18.91	36.00
VHT40	MCS0	1	3	2422	14.45	30.00	14.45	36.00
VHT40	MCS0	1	6	2437	16.63	30.00	16.63	36.00
VHT40	MCS0	1	9	2452	16.34	30.00	16.34	36.00

TEST RESULTS DATA
Average Power Table
(Reporting Only)

2.4GHz Band						
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)
11b	1Mbps	1	1	2412	0.06	16.41
11b	1Mbps	1	6	2437	0.06	17.98
11b	1Mbps	1	11	2462	0.06	17.70
11g	6Mbps	1	1	2412	0.29	14.96
11g	6Mbps	1	6	2437	0.29	17.97
11g	6Mbps	1	11	2462	0.29	14.50
HT20	MCS0	1	1	2412	0.31	13.37
HT20	MCS0	1	6	2437	0.31	17.79
HT20	MCS0	1	11	2462	0.31	12.48
HT40	MCS0	1	3	2422	0.56	7.90
HT40	MCS0	1	6	2437	0.56	10.56
HT40	MCS0	1	9	2452	0.56	8.64
VHT20	MCS0	1	1	2412	0.26	13.74
VHT20	MCS0	1	6	2437	0.26	17.86
VHT20	MCS0	1	11	2462	0.26	12.39
VHT40	MCS0	1	3	2422	0.52	8.01
VHT40	MCS0	1	6	2437	0.52	10.06
VHT40	MCS0	1	9	2452	0.52	9.61



Appendix B. Radiated Spurious Emission

Test Engineer :	Peter Liao and Bill Chang	Temperature :	23~25°C
		Relative Humidity :	57~62%

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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2360.085	58.97	-15.03	74	40.31	32.13	16.53	30	331	116	P	H
		2386.965	47.52	-6.48	54	28.76	32.18	16.57	29.99	331	116	A	H
	*	2412	103.6	-	-	84.78	32.2	16.61	29.99	331	116	P	H
	*	2412	100.49	-	-	81.67	32.2	16.61	29.99	331	116	A	H
													H
													H
		2388.645	60.21	-13.79	74	41.45	32.18	16.57	29.99	373	182	P	V
		2386.86	47.75	-6.25	54	28.99	32.18	16.57	29.99	373	182	A	V
	*	2412	107	-	-	88.18	32.2	16.61	29.99	373	182	P	V
	*	2412	103.83	-	-	85.01	32.2	16.61	29.99	373	182	A	V
													V
													V
802.11b CH 06 2437MHz		2358.3	59.12	-14.88	74	40.46	32.13	16.53	30	376	115	P	H
		2389.94	47.11	-6.89	54	28.35	32.18	16.57	29.99	376	115	A	H
	*	2437	108.21	-	-	89.31	32.24	16.64	29.98	376	115	P	H
	*	2437	104.95	-	-	86.05	32.24	16.64	29.98	376	115	A	H
		2495.87	59.79	-14.21	74	40.72	32.3	16.73	29.96	376	115	P	H
		2484.46	47.35	-6.65	54	28.33	32.28	16.71	29.97	376	115	A	H
		2372.3	59.61	-14.39	74	40.89	32.16	16.55	29.99	373	185	P	V
		2389.8	48.08	-5.92	54	29.32	32.18	16.57	29.99	373	185	A	V
	*	2437	110.97	-	-	92.07	32.24	16.64	29.98	373	185	P	V
	*	2437	107.75	-	-	88.85	32.24	16.64	29.98	373	185	A	V
		2484.53	61.07	-12.93	74	42.05	32.28	16.71	29.97	373	185	P	V
		2484.46	48.36	-5.64	54	29.34	32.28	16.71	29.97	373	185	A	V



802.11b CH 11 2462MHz	*	2462	107.61	-	-	88.64	32.26	16.68	29.97	325	114	P	H
	*	2462	104.36	-	-	85.39	32.26	16.68	29.97	325	114	A	H
		2487.04	60.27	-13.73	74	41.24	32.28	16.72	29.97	325	114	P	H
		2487.6	48.46	-5.54	54	29.41	32.3	16.72	29.97	325	114	A	H
													H
													H
	*	2462	110.17	-	-	91.2	32.26	16.68	29.97	359	184	P	V
	*	2462	107	-	-	88.03	32.26	16.68	29.97	359	184	A	V
		2486.88	61.51	-12.49	74	42.48	32.28	16.72	29.97	359	184	P	V
		2487.68	50.49	-3.51	54	31.44	32.3	16.72	29.97	359	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 802.11b (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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	48.84	-25.16	74	66.4	34	10.74	62.3	100	0	P	H
													H
													H
													H
		4824	53.28	-20.72	74	70.84	34	10.74	62.3	400	230	P	V
		4824	49.81	-4.19	54	67.37	34	10.74	62.3	400	230	A	V
													V
													V
802.11b CH 06 2437MHz		4874	51.25	-22.75	74	70.85	34	10.8	64.4	105	96	P	H
		4874	48.39	-5.61	54	67.99	34	10.8	64.4	105	96	A	H
		7311	44.59	-29.41	74	61.23	35.76	13.15	65.55	100	0	P	H
													H
		4874	53.03	-20.97	74	72.63	34	10.8	64.4	246	100	P	V
		4874	50.35	-3.65	54	69.95	34	10.8	64.4	246	100	A	V
		7311	44.51	-29.49	74	61.15	35.76	13.15	65.55	100	0	P	V
													V
802.11b CH 11 2462MHz		4924	48.82	-25.18	74	66.26	34	10.86	62.3	100	0	P	H
		7386	44.07	-29.93	74	58.85	35.78	13.12	63.68	100	0	P	H
													H
													H
		4920	52.28	-21.72	74	69.73	34	10.85	62.3	291	228	P	V
		4920	49.21	-4.79	54	66.66	34	10.85	62.3	291	228	A	V
		7386	44.38	-29.62	74	59.16	35.78	13.12	63.68	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	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		2378.355	60.24	-13.76	74	41.51	32.16	16.56	29.99	299	112	P	H
		2387.175	49.52	-4.48	54	30.76	32.18	16.57	29.99	299	112	A	H
	*	2412	107.11	-	-	88.29	32.2	16.61	29.99	299	112	P	H
	*	2412	99.79	-	-	80.97	32.2	16.61	29.99	299	112	A	H
													H
													H
		2380.98	61.56	-12.44	74	42.83	32.16	16.56	29.99	381	180	P	V
		2389.695	50.85	-3.15	54	32.09	32.18	16.57	29.99	381	180	A	V
	*	2412	110.89	-	-	92.07	32.2	16.61	29.99	381	180	P	V
	*	2412	103.01	-	-	84.19	32.2	16.61	29.99	381	180	A	V
													V
													V
802.11g CH 06 2437MHz		2351.58	59.06	-14.94	74	40.41	32.13	16.52	30	372	114	P	H
		2388.4	48.58	-5.42	54	29.82	32.18	16.57	29.99	372	114	A	H
	*	2437	108.95	-	-	90.05	32.24	16.64	29.98	372	114	P	H
	*	2437	100.99	-	-	82.09	32.24	16.64	29.98	372	114	A	H
		2496.22	59.43	-14.57	74	40.36	32.3	16.73	29.96	372	114	P	H
		2485.16	48.97	-5.03	54	29.95	32.28	16.71	29.97	372	114	A	H
		2375.1	59.71	-14.29	74	40.99	32.16	16.55	29.99	366	185	P	V
		2385.32	49.24	-4.76	54	30.5	32.16	16.57	29.99	366	185	A	V
	*	2437	112.81	-	-	93.91	32.24	16.64	29.98	366	185	P	V
	*	2437	104.19	-	-	85.29	32.24	16.64	29.98	366	185	A	V
		2498.25	61.17	-12.83	74	42.1	32.3	16.73	29.96	366	185	P	V
		2487.61	49.98	-4.02	54	30.93	32.3	16.72	29.97	366	185	A	V



802.11g CH 11 2462MHz	*	2462	104.33	-	-	85.36	32.26	16.68	29.97	319	116	P	H
	*	2462	96.47	-	-	77.5	32.26	16.68	29.97	319	116	A	H
		2497.04	59.93	-14.07	74	40.86	32.3	16.73	29.96	319	116	P	H
		2498.6	49.1	-4.9	54	30.03	32.3	16.73	29.96	319	116	A	H
													H
													H
	*	2462	109.83	-	-	90.86	32.26	16.68	29.97	365	177	P	V
	*	2462	102.04	-	-	83.07	32.26	16.68	29.97	365	177	A	V
		2490.48	61.57	-12.43	74	42.52	32.3	16.72	29.97	365	177	P	V
		2483.56	50.88	-3.12	54	31.86	32.28	16.71	29.97	365	177	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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	46.24	-27.76	74	63.8	34	10.74	62.3	100	0	P	H
													H
													H
													H
		4824	48.81	-25.19	74	66.37	34	10.74	62.3	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	47.14	-26.86	74	64.64	34	10.8	62.3	100	0	P	H
		7311	44.61	-29.39	74	59.36	35.76	13.15	63.66	100	0	P	H
													H
													H
		4874	56.12	-17.88	74	73.62	34	10.8	62.3	343	149	P	V
		4874	46.17	-7.83	54	63.67	34	10.8	62.3	343	149	A	V
		7311	45.89	-28.11	74	60.64	35.76	13.15	63.66	100	0	P	V
													V
802.11g CH 11 2462MHz		4924	42.61	-31.39	74	60.05	34	10.86	62.3	100	0	P	H
		7386	43.77	-30.23	74	58.55	35.78	13.12	63.68	100	0	P	H
													H
													H
		4924	44.69	-29.31	74	62.13	34	10.86	62.3	100	0	P	V
		7386	43.4	-30.6	74	58.18	35.78	13.12	63.68	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		2378.88	59.9	-14.1	74	41.17	32.16	16.56	29.99	300	112	P	H
		2387.385	49.63	-4.37	54	30.87	32.18	16.57	29.99	300	112	A	H
	*	2412	106.34	-	-	87.52	32.2	16.61	29.99	300	112	P	H
	*	2412	98.26	-	-	79.44	32.2	16.61	29.99	300	112	A	H
													H
													H
		2387.07	61.77	-12.23	74	43.01	32.18	16.57	29.99	329	182	P	V
		2389.695	50.97	-3.03	54	32.21	32.18	16.57	29.99	329	182	A	V
	*	2412	109.54	-	-	90.72	32.2	16.61	29.99	329	182	P	V
	*	2412	101.53	-	-	82.71	32.2	16.61	29.99	329	182	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2328.9	59.55	-14.45	74	40.99	32.09	16.48	30.01	375	114	P	H
		2387.7	48.63	-5.37	54	29.87	32.18	16.57	29.99	375	114	A	H
	*	2437	108.83	-	-	89.93	32.24	16.64	29.98	375	114	P	H
	*	2437	100.71	-	-	81.81	32.24	16.64	29.98	375	114	A	H
		2488.45	60.69	-13.31	74	41.64	32.3	16.72	29.97	375	114	P	H
		2485.37	49.06	-4.94	54	30.04	32.28	16.71	29.97	375	114	A	H
		2328.2	59.37	-14.63	74	40.81	32.09	16.48	30.01	324	183	P	V
		2389.52	49.22	-4.78	54	30.46	32.18	16.57	29.99	324	183	A	V
	*	2437	113.23	-	-	94.33	32.24	16.64	29.98	324	183	P	V
	*	2437	104.71	-	-	85.81	32.24	16.64	29.98	324	183	A	V
		2492.44	60.4	-13.6	74	41.34	32.3	16.72	29.96	324	183	P	V
		2483.9	49.69	-4.31	54	30.67	32.28	16.71	29.97	324	183	A	V



802.11n HT20 CH 11 2462MHz	*	2462	103.41	-	-	84.44	32.26	16.68	29.97	286	110	P	H
	*	2462	95.74	-	-	76.77	32.26	16.68	29.97	286	110	A	H
		2494.2	60.2	-13.8	74	41.13	32.3	16.73	29.96	286	110	P	H
		2483.64	49.15	-4.85	54	30.13	32.28	16.71	29.97	286	110	A	H
													H
													H
	*	2462	108.38	-	-	89.41	32.26	16.68	29.97	358	204	P	V
	*	2462	100.63	-	-	81.66	32.26	16.68	29.97	358	204	A	V
		2485	62.42	-11.58	74	43.4	32.28	16.71	29.97	358	204	P	V
		2484.92	50.98	-3.02	54	31.96	32.28	16.71	29.97	358	204	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	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	44.53	-29.47	74	62.09	34	10.74	62.3	100	0	P	H
													H
													H
													H
		4824	46.07	-27.93	74	63.63	34	10.74	62.3	100	0	P	V
													V
													V
													V
802.11n HT20 CH 06 2437MHz		4874	48.36	-25.64	74	65.86	34	10.8	62.3	100	0	P	H
		7311	44.04	-29.96	74	58.79	35.76	13.15	63.66	100	0	P	H
													H
													H
		4874	54.79	-19.21	74	72.29	34	10.8	62.3	323	149	P	V
		4874	44.65	-9.35	54	62.15	34	10.8	62.3	323	149	A	V
		7311	44.32	-29.68	74	59.07	35.76	13.15	63.66	100	0	P	V
													V
802.11n HT20 CH 11 2462MHz		4924	42.51	-31.49	74	59.95	34	10.86	62.3	100	0	P	H
		7386	44.09	-29.91	74	58.87	35.78	13.12	63.68	100	0	P	H
													H
													H
		4924	42.54	-31.46	74	59.98	34	10.86	62.3	100	0	P	V
		7386	43.87	-30.13	74	58.65	35.78	13.12	63.68	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		2369.36	60.12	-13.88	74	41.41	32.16	16.54	29.99	270	129	P	H
		2389.66	50.4	-3.6	54	31.64	32.18	16.57	29.99	270	129	A	H
	*	2422	96.11	-	-	77.25	32.22	16.62	29.98	270	129	P	H
	*	2422	88.37	-	-	69.51	32.22	16.62	29.98	270	129	A	H
		2496.85	60.28	-13.72	74	41.21	32.3	16.73	29.96	270	129	P	H
		2484.81	50.07	-3.93	54	31.05	32.28	16.71	29.97	270	129	A	H
		2383.5	62.67	-11.33	74	43.93	32.16	16.57	29.99	383	181	P	V
		2386.72	50.57	-3.43	54	31.81	32.18	16.57	29.99	383	181	A	V
	*	2422	101.08	-	-	82.22	32.22	16.62	29.98	383	181	P	V
	*	2422	92.84	-	-	73.98	32.22	16.62	29.98	383	181	A	V
		2487.33	60.48	-13.52	74	41.45	32.28	16.72	29.97	383	181	P	V
		2496.36	50.32	-3.68	54	31.25	32.3	16.73	29.96	383	181	A	V
802.11n HT40 CH 06 2437MHz		2347.24	60.37	-13.63	74	41.75	32.11	16.51	30	375	114	P	H
		2385.04	49.61	-4.39	54	30.87	32.16	16.57	29.99	375	114	A	H
	*	2437	96.89	-	-	77.99	32.24	16.64	29.98	375	114	P	H
	*	2437	89.52	-	-	70.62	32.24	16.64	29.98	375	114	A	H
		2495.03	59.59	-14.41	74	40.52	32.3	16.73	29.96	375	114	P	H
		2483.9	50.02	-3.98	54	31	32.28	16.71	29.97	375	114	A	H
		2374.68	60.94	-13.06	74	42.22	32.16	16.55	29.99	377	186	P	V
		2389.66	50.45	-3.55	54	31.69	32.18	16.57	29.99	377	186	A	V
	*	2437	100.09	-	-	81.19	32.24	16.64	29.98	377	186	P	V
	*	2437	92.43	-	-	73.53	32.24	16.64	29.98	377	186	A	V
		2491.18	60.7	-13.3	74	41.65	32.3	16.72	29.97	377	186	P	V
		2488.59	50.69	-3.31	54	31.64	32.3	16.72	29.97	377	186	A	V



802.11n HT40 CH 09 2452MHz		2386.16	60.04	-13.96	74	41.28	32.18	16.57	29.99	331	111	P	H
		2376.64	49.27	-4.73	54	30.55	32.16	16.55	29.99	331	111	A	H
	*	2452	97.6	-	-	78.66	32.24	16.67	29.97	331	111	P	H
	*	2452	89.64	-	-	70.7	32.24	16.67	29.97	331	111	A	H
		2494.05	59.79	-14.21	74	40.72	32.3	16.73	29.96	331	111	P	H
		2492.86	49.61	-4.39	54	30.55	32.3	16.72	29.96	331	111	A	H
		2345.7	59.51	-14.49	74	40.89	32.11	16.51	30	358	204	P	V
		2388.68	49.15	-4.85	54	30.39	32.18	16.57	29.99	358	204	A	V
	*	2452	101.97	-	-	83.03	32.24	16.67	29.97	358	204	P	V
	*	2452	93.8	-	-	74.86	32.24	16.67	29.97	358	204	A	V
		2484.11	62.8	-11.2	74	43.78	32.28	16.71	29.97	358	204	P	V
		2484.74	50.72	-3.28	54	31.7	32.28	16.71	29.97	358	204	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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	41.9	-32.1	74	59.43	34	10.77	62.3	100	0	P	H
		7266	43.98	-30.02	74	58.71	35.76	13.16	63.65	100	0	P	H
													H
													H
		4844	41.92	-32.08	74	59.45	34	10.77	62.3	100	0	P	V
		7266	44.05	-29.95	74	58.78	35.76	13.16	63.65	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4874	42.16	-31.84	74	59.66	34	10.8	62.3	100	0	P	H
		7311	44.19	-29.81	74	58.94	35.76	13.15	63.66	100	0	P	H
													H
													H
		4874	42.42	-31.58	74	59.92	34	10.8	62.3	100	0	P	V
		7311	43.59	-30.41	74	58.34	35.76	13.15	63.66	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4904	43.43	-30.57	74	60.89	34	10.84	62.3	100	0	P	H
		7356	44.35	-29.65	74	59.12	35.77	13.13	63.67	100	0	P	H
													H
													H
		4904	42.51	-31.49	74	59.97	34	10.84	62.3	100	0	P	V
		7356	43.64	-30.36	74	58.41	35.77	13.13	63.67	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	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		2388.225	60.84	-13.16	74	42.08	32.18	16.57	29.99	298	113	P	H
		2388.225	49.61	-4.39	54	30.85	32.18	16.57	29.99	298	113	A	H
	*	2412	106.64	-	-	87.82	32.2	16.61	29.99	298	113	P	H
	*	2412	98.64	-	-	79.82	32.2	16.61	29.99	298	113	A	H
													H
													H
		2390	60.6	-13.4	74	41.83	32.18	16.58	29.99	375	182	P	V
		2389.17	50.88	-3.12	54	32.12	32.18	16.57	29.99	375	182	A	V
	*	2412	110.02	-	-	91.2	32.2	16.61	29.99	375	182	P	V
	*	2412	101.8	-	-	82.98	32.2	16.61	29.99	375	182	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2385.88	59.2	-14.8	74	40.44	32.18	16.57	29.99	364	111	P	H
		2387.7	48.45	-5.55	54	29.69	32.18	16.57	29.99	364	111	A	H
	*	2437	108.43	-	-	89.53	32.24	16.64	29.98	364	111	P	H
	*	2437	100.72	-	-	81.82	32.24	16.64	29.98	364	111	A	H
		2490.48	59.84	-14.16	74	40.79	32.3	16.72	29.97	364	111	P	H
		2487.05	49.12	-4.88	54	30.09	32.28	16.72	29.97	364	111	A	H
		2313.78	59.2	-14.8	74	40.68	32.07	16.46	30.01	363	185	P	V
		2389.94	49.15	-4.85	54	30.39	32.18	16.57	29.99	363	185	A	V
	*	2437	112.05	-	-	93.15	32.24	16.64	29.98	363	185	P	V
	*	2437	103.56	-	-	84.66	32.24	16.64	29.98	363	185	A	V
		2489.64	60.33	-13.67	74	41.28	32.3	16.72	29.97	363	185	P	V
		2485.02	50.06	-3.94	54	31.04	32.28	16.71	29.97	363	185	A	V



802.11ac VHT20 CH 11 2462MHz	*	2462	103.52	-	-	84.55	32.26	16.68	29.97	289	109	P	H
	*	2462	95.46	-	-	76.49	32.26	16.68	29.97	289	109	A	H
		2485.76	59.87	-14.13	74	40.85	32.28	16.71	29.97	289	109	P	H
		2491.48	49.4	-4.6	54	30.35	32.3	16.72	29.97	289	109	A	H
													H
													H
	*	2462	108.29	-	-	89.32	32.26	16.68	29.97	359	203	P	V
	*	2462	100.51	-	-	81.54	32.26	16.68	29.97	359	203	A	V
		2497.52	60.74	-13.26	74	41.67	32.3	16.73	29.96	359	203	P	V
		2483.92	50.83	-3.17	54	31.81	32.28	16.71	29.97	359	203	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	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	44.52	-29.48	74	62.08	34	10.74	62.3	100	0	P	H
													H
													H
													H
		4824	46.54	-27.46	74	64.1	34	10.74	62.3	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	46.95	-27.05	74	64.45	34	10.8	62.3	100	0	P	H
		7311	44.5	-29.5	74	59.25	35.76	13.15	63.66	100	0	P	H
													H
													H
		4874	54.93	-19.07	74	72.43	34	10.8	62.3	340	150	P	V
		4874	44.08	-9.92	54	61.58	34	10.8	62.3	340	150	A	V
		7311	44.1	-29.9	74	58.85	35.76	13.15	63.66	100	0	P	V
802.11ac VHT20 CH 11 2462MHz													V
		4924	43.24	-30.76	74	60.68	34	10.86	62.3	100	0	P	H
		7386	43.65	-30.35	74	58.43	35.78	13.12	63.68	100	0	P	H
													H
													H
		4924	42.17	-31.83	74	59.61	34	10.86	62.3	100	0	P	V
		7386	43.78	-30.22	74	58.56	35.78	13.12	63.68	100	0	P	V
Remark													V
													V
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	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		2388.68	62.87	-11.13	74	44.11	32.18	16.57	29.99	339	112	P	H
		2384.06	49.92	-4.08	54	31.18	32.16	16.57	29.99	339	112	A	H
	*	2422	97.49	-	-	78.63	32.22	16.62	29.98	339	112	P	H
	*	2422	89.66	-	-	70.8	32.22	16.62	29.98	339	112	A	H
		2498.6	60.12	-13.88	74	41.05	32.3	16.73	29.96	339	112	P	H
		2493.07	49.47	-4.53	54	30.41	32.3	16.72	29.96	339	112	A	H
		2388.82	65.35	-8.65	74	46.59	32.18	16.57	29.99	366	210	P	V
		2387.42	50.22	-3.78	54	31.46	32.18	16.57	29.99	366	210	A	V
	*	2422	100.78	-	-	81.92	32.22	16.62	29.98	366	210	P	V
	*	2422	92.58	-	-	73.72	32.22	16.62	29.98	366	210	A	V
		2485.3	60.63	-13.37	74	41.61	32.28	16.71	29.97	366	210	P	V
		2491.25	49.8	-4.2	54	30.75	32.3	16.72	29.97	366	210	A	V
802.11ac VHT40 CH 06 2437MHz		2357.04	59.32	-14.68	74	40.66	32.13	16.53	30	369	111	P	H
		2378.74	49.59	-4.41	54	30.86	32.16	16.56	29.99	369	111	A	H
	*	2437	96.3	-	-	77.4	32.24	16.64	29.98	369	111	P	H
	*	2437	88.49	-	-	69.59	32.24	16.64	29.98	369	111	A	H
		2491.04	59.67	-14.33	74	40.62	32.3	16.72	29.97	369	111	P	H
		2493.77	49.94	-4.06	54	30.87	32.3	16.73	29.96	369	111	A	H
		2372.02	60.23	-13.77	74	41.51	32.16	16.55	29.99	318	186	P	V
		2388.68	49.77	-4.23	54	31.01	32.18	16.57	29.99	318	186	A	V
	*	2437	100.88	-	-	81.98	32.24	16.64	29.98	318	186	P	V
	*	2437	92.78	-	-	73.88	32.24	16.64	29.98	318	186	A	V
		2489.36	61.21	-12.79	74	42.16	32.3	16.72	29.97	318	186	P	V
		2489.92	50.49	-3.51	54	31.44	32.3	16.72	29.97	318	186	A	V



802.11ac VHT40 CH 09 2452MHz		2387	59.78	-14.22	74	41.02	32.18	16.57	29.99	330	110	P	H
		2383.5	49.2	-4.8	54	30.46	32.16	16.57	29.99	330	110	A	H
	*	2452	98.63	-	-	79.69	32.24	16.67	29.97	330	110	P	H
	*	2452	90.69	-	-	71.75	32.24	16.67	29.97	330	110	A	H
		2487.33	60.14	-13.86	74	41.11	32.28	16.72	29.97	330	110	P	H
		2484.81	50.26	-3.74	54	31.24	32.28	16.71	29.97	330	110	A	H
		2364.04	60.08	-13.92	74	41.41	32.13	16.54	30	359	205	P	V
		2368.1	49.01	-4.99	54	30.33	32.13	16.54	29.99	359	205	A	V
	*	2452	102.86	-	-	83.92	32.24	16.67	29.97	359	205	P	V
	*	2452	94.78	-	-	75.84	32.24	16.67	29.97	359	205	A	V
		2484.6	62.99	-11.01	74	43.97	32.28	16.71	29.97	359	205	P	V
		2485.86	50.81	-3.19	54	31.79	32.28	16.71	29.97	359	205	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	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	42.42	-31.58	74	59.95	34	10.77	62.3	100	0	P	H
		7266	44.02	-29.98	74	58.75	35.76	13.16	63.65	100	0	P	H
													H
													H
		4844	42.89	-31.11	74	60.42	34	10.77	62.3	100	0	P	V
		7266	43.9	-30.1	74	58.63	35.76	13.16	63.65	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	42.08	-31.92	74	59.58	34	10.8	62.3	100	0	P	H
		7311	43.31	-30.69	74	58.06	35.76	13.15	63.66	100	0	P	H
													H
													H
		4874	42.11	-31.89	74	59.61	34	10.8	62.3	100	0	P	V
		7311	43.78	-30.22	74	58.53	35.76	13.15	63.66	100	0	P	V
													V
													V
802.11ac VHT40 CH 09 2452MHz		4904	42.49	-31.51	74	59.95	34	10.84	62.3	100	0	P	H
		7356	45.11	-28.89	74	59.88	35.77	13.13	63.67	100	0	P	H
													H
													H
		4904	42.26	-31.74	74	59.72	34	10.84	62.3	100	0	P	V
		7356	43.84	-30.16	74	58.61	35.77	13.13	63.67	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 LF		71.58	23.41	-16.59	40	41.84	12.84	1.17	32.44	-	-	P	H
		206.31	30.54	-12.96	43.5	44.69	16.23	2.03	32.41	-	-	P	H
		251.13	35.32	-10.68	46	46.63	18.9	2.23	32.44	-	-	P	H
		331.5	38.23	-7.77	46	47.51	20.65	2.55	32.48	100	0	P	H
		499.5	30.61	-15.39	46	35.75	24.38	3.1	32.62	-	-	P	H
		830.6	36.15	-9.85	46	35.87	28.46	4.07	32.25	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	26.3	-13.7	40	31.79	26.2	0.77	32.46	-	-	P	V
		160.14	26.87	-16.63	43.5	40.36	17.1	1.83	32.42	-	-	P	V
		244.65	32.22	-13.78	46	44.13	18.31	2.21	32.43	-	-	P	V
		332.2	33.53	-12.47	46	42.77	20.68	2.56	32.48	100	0	P	V
		499.5	31.94	-14.06	46	37.08	24.38	3.1	32.62	-	-	P	V
		832	33.27	-12.73	46	32.95	28.49	4.07	32.24	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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



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

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

$$1. \text{ Path Loss(dB)} = \text{Cable loss(dB)} + \text{Filter loss(dB)} + \text{Attenuator loss(dB)}$$

$$2. \text{ Level(dB}\mu\text{V/m)} =$$

$$\text{Antenna Factor(dB/m)} + \text{Path Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$3. \text{ Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

For Peak Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Path Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 54.51(\text{dB}\mu\text{V}) - 35.86(\text{dB})$$

$$= 55.45(\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 55.45(\text{dB}\mu\text{V/m}) - 74(\text{dB}\mu\text{V/m})$$

$$= -18.55(\text{dB})$$

For Average Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Path Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 42.6(\text{dB}\mu\text{V}) - 35.86(\text{dB})$$

$$= 43.54(\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 43.54(\text{dB}\mu\text{V/m}) - 54(\text{dB}\mu\text{V/m})$$

$$= -10.46(\text{dB})$$

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



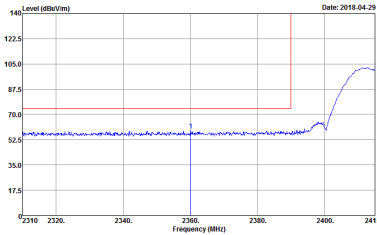
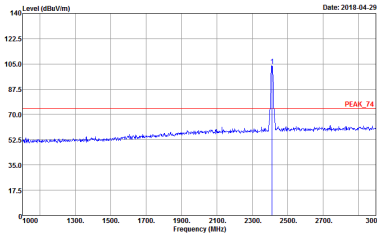
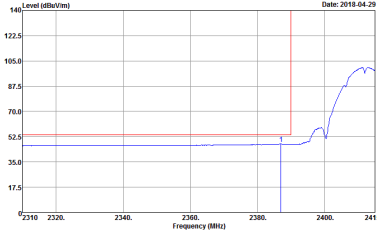
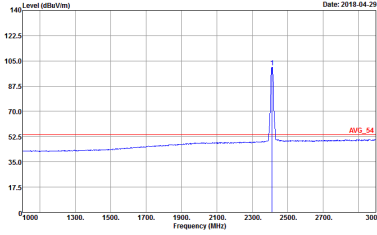
Appendix C. Radiated Spurious Emission Plots

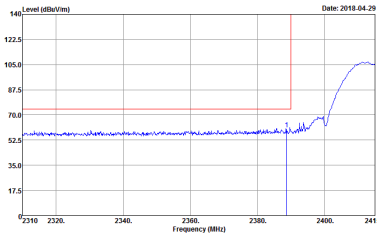
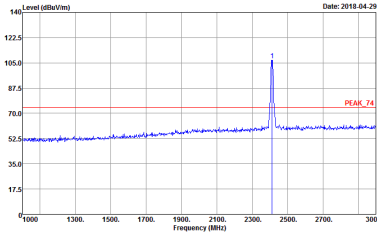
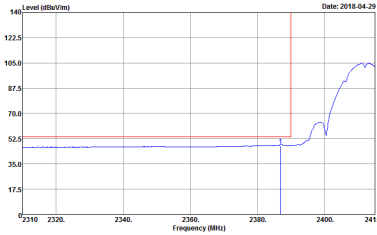
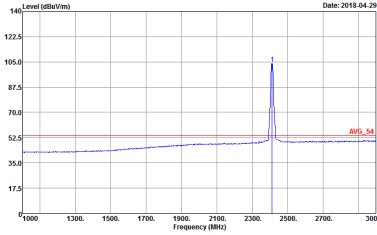
Test Engineer :	Peter Liao and Bill Chang	Temperature :	23~25°C
		Relative Humidity :	57~62%

Note symbol

-L	Low channel location
-R	High channel location

2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

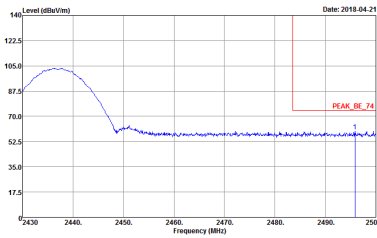
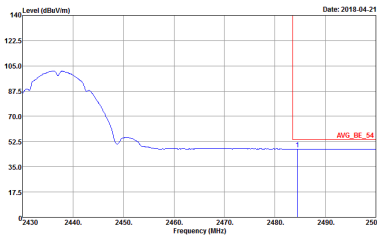
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

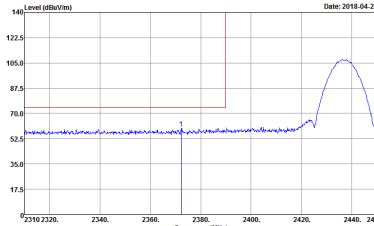
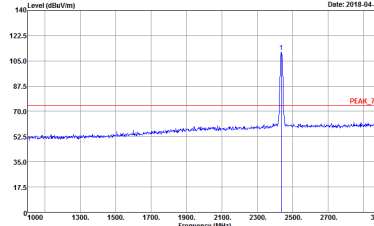
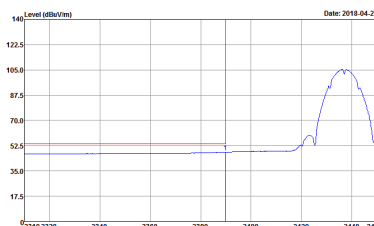
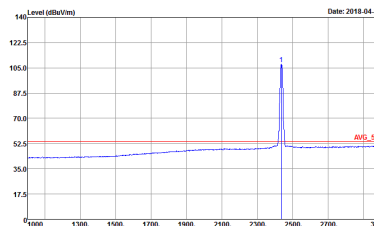
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

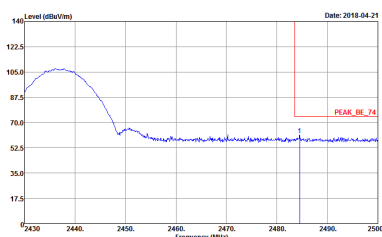
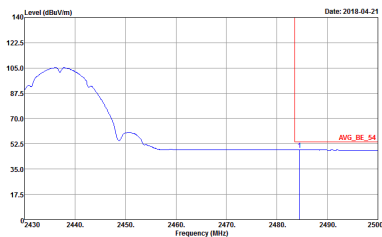


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

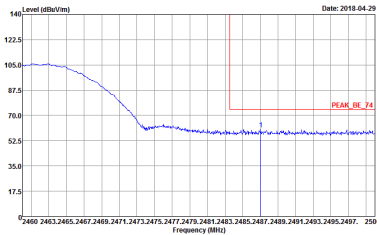
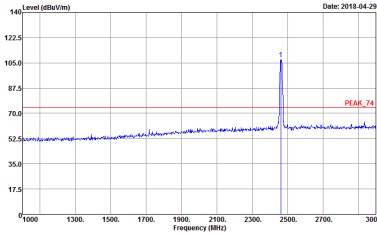
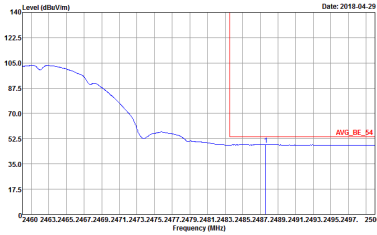
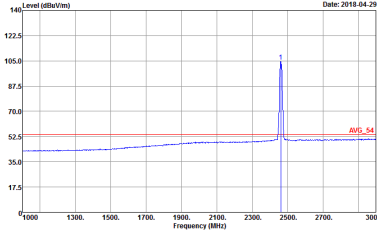


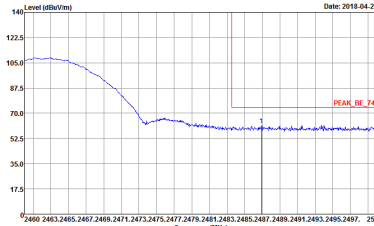
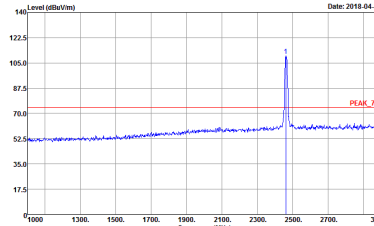
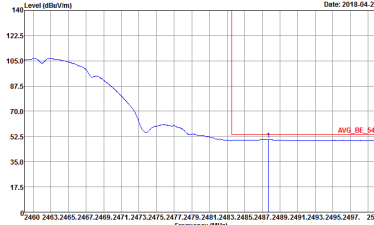
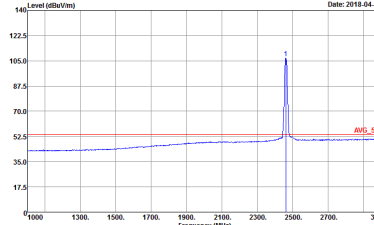
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

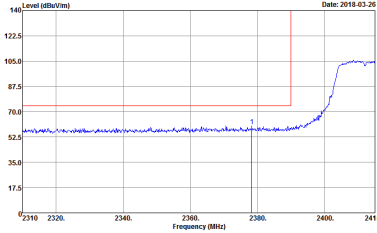
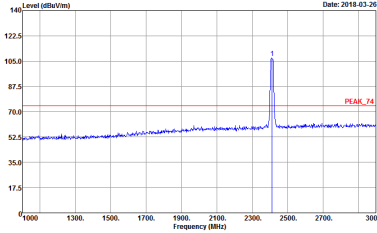
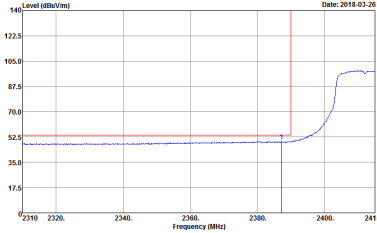
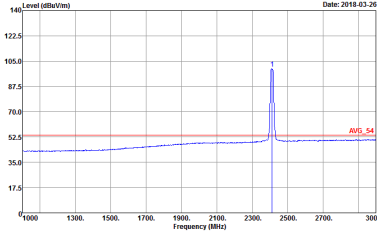
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	Left blank



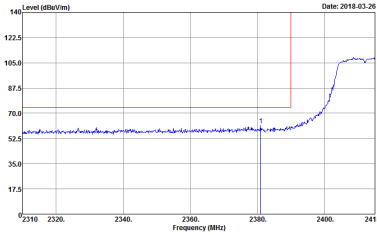
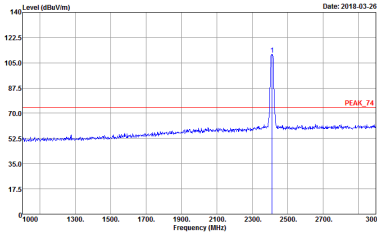
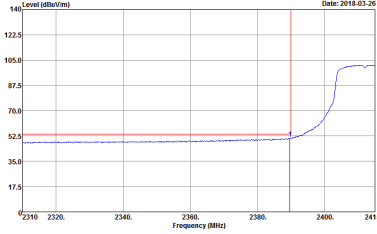
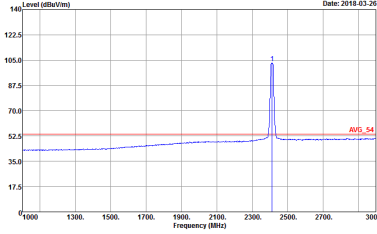
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak

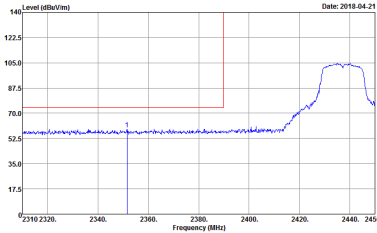
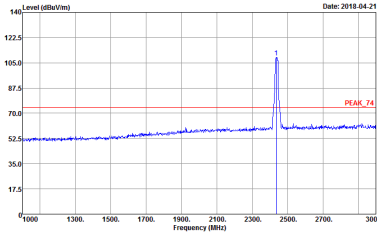
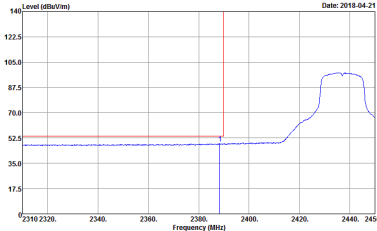
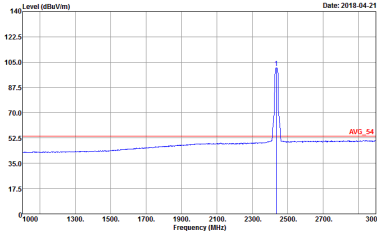
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

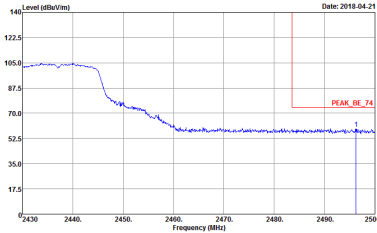
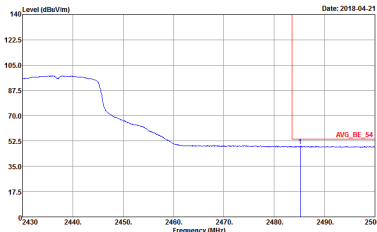


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

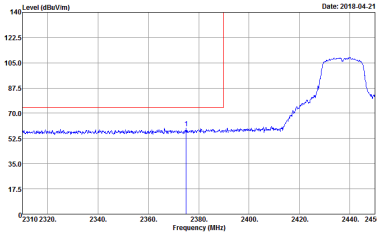
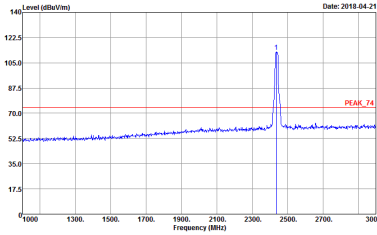
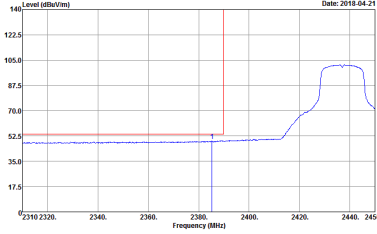
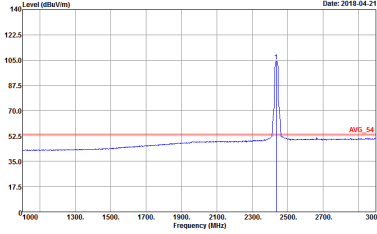


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

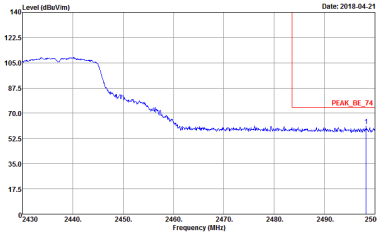
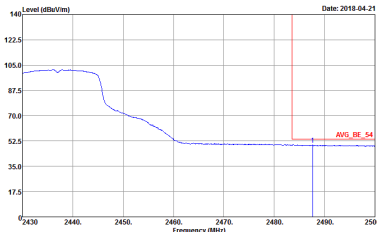


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	Left blank

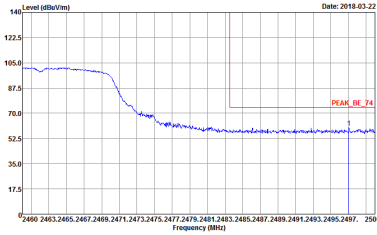
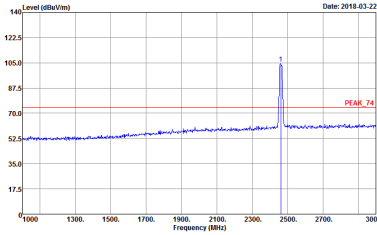
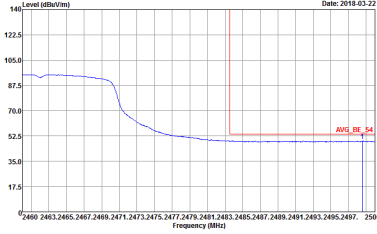
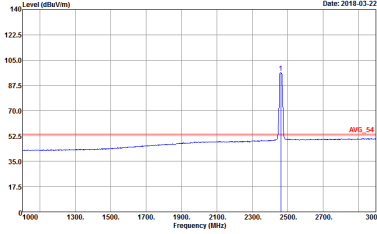


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

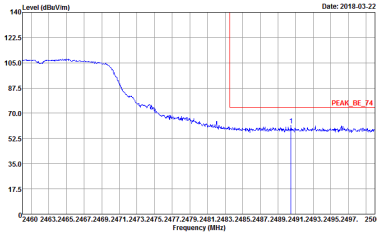
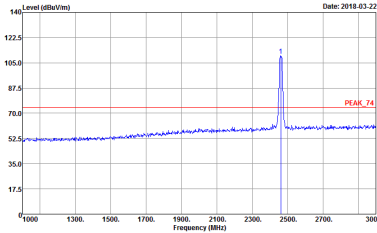
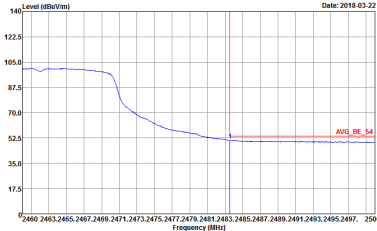
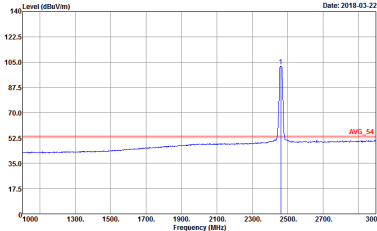


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left Blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	Left Blank

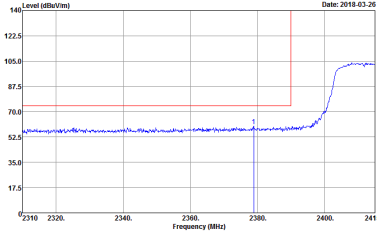
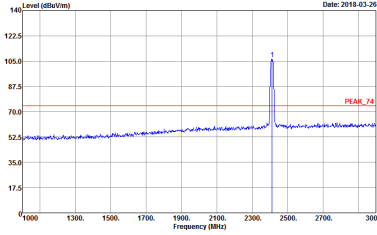
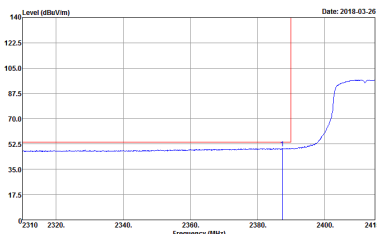
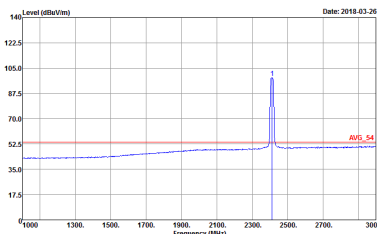


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

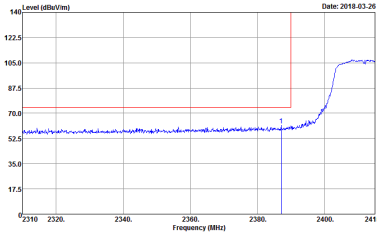
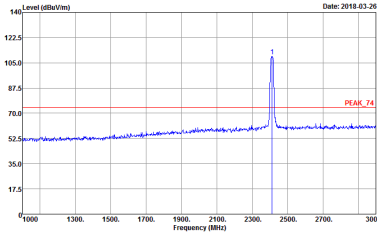
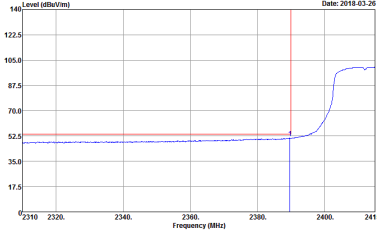
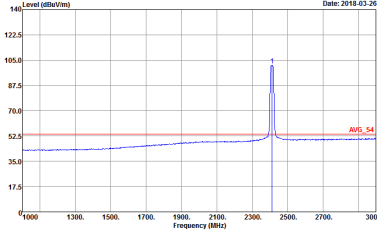


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

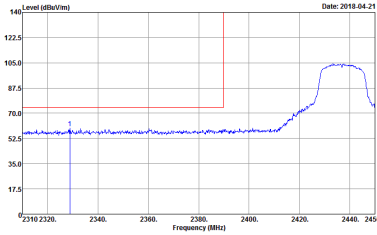
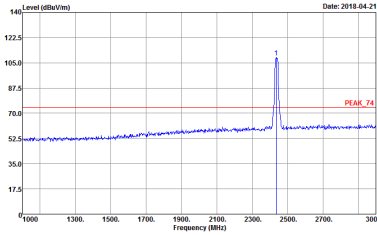
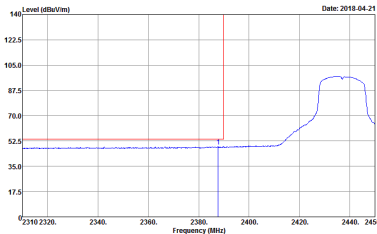
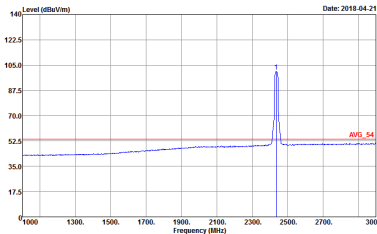
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

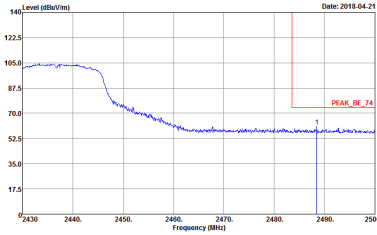
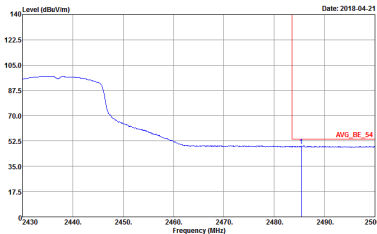


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

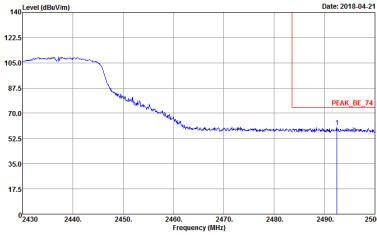
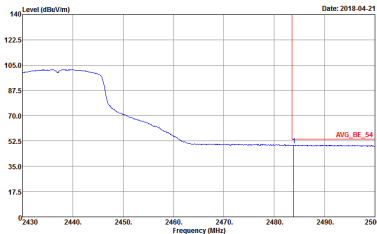


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	Left blank

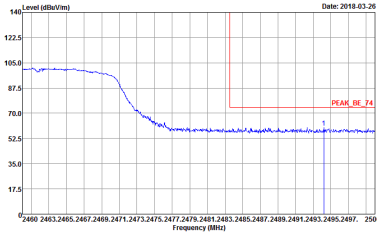
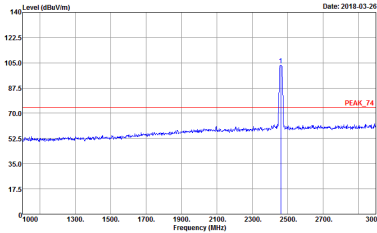
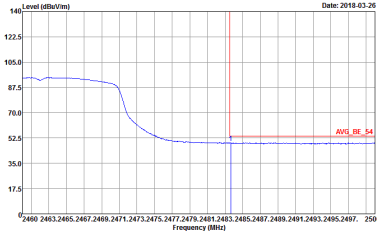
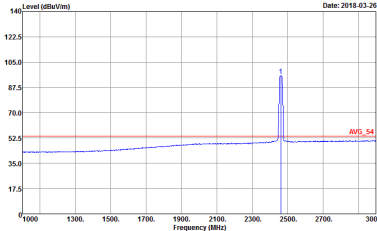


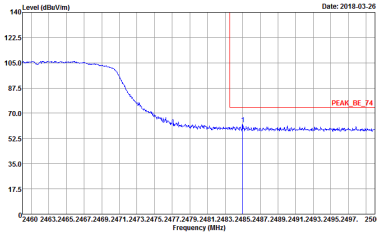
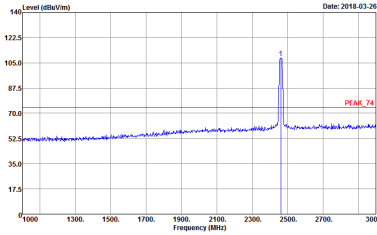
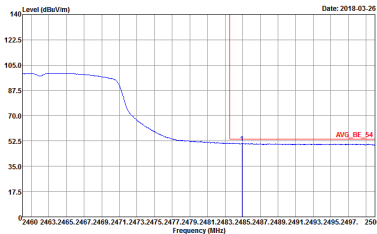
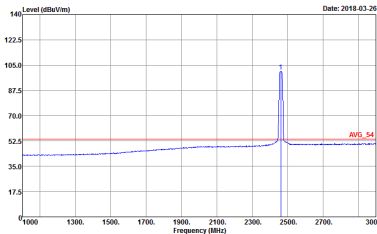
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left Blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	Left Blank



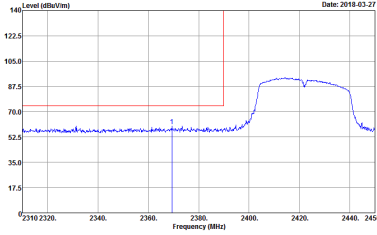
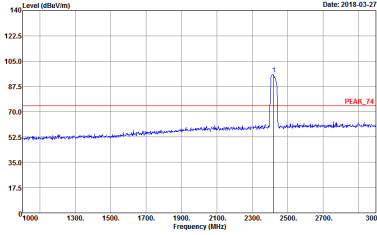
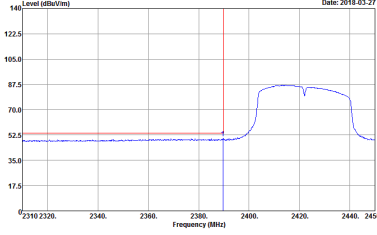
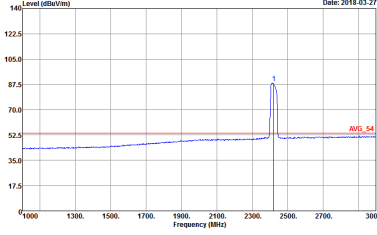
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

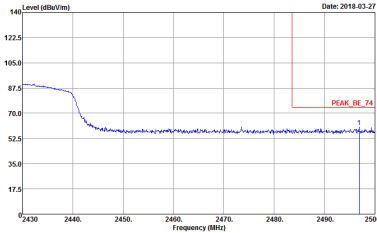
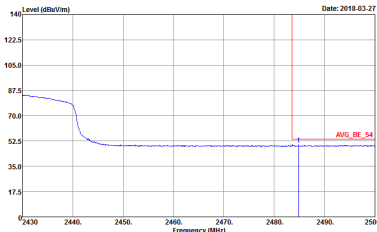


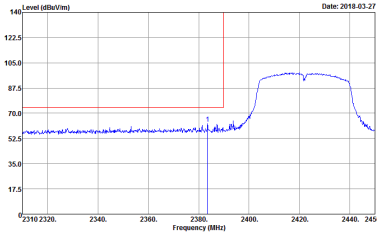
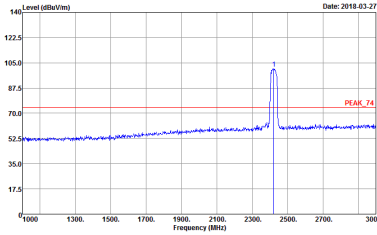
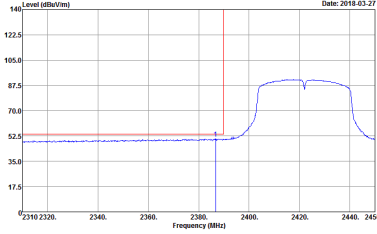
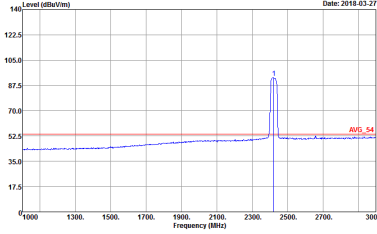
2.4GHz 2400~2483.5MHz

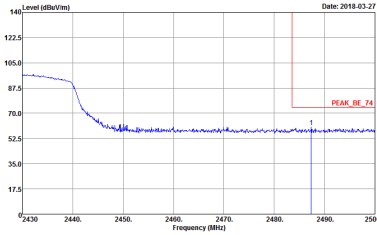
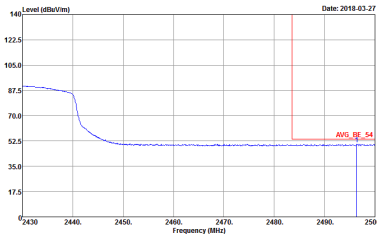
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak

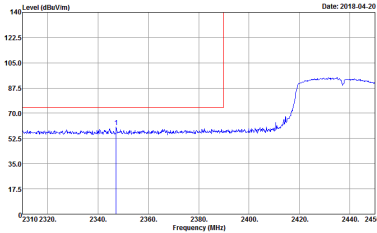
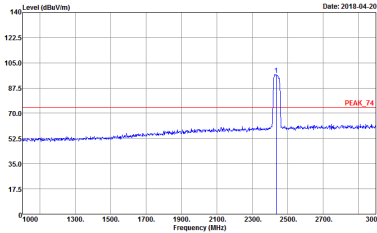
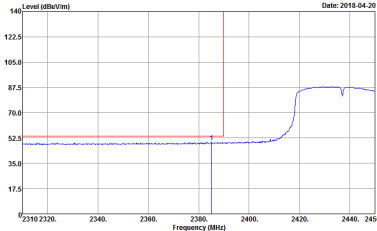
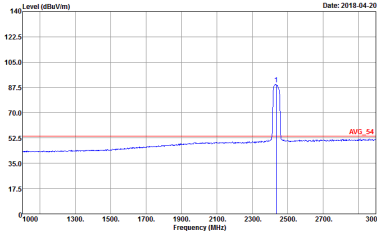


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left Blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left Blank

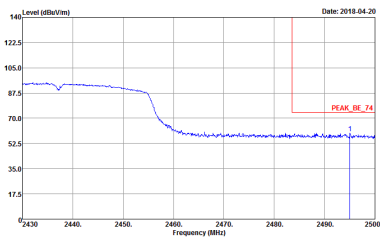
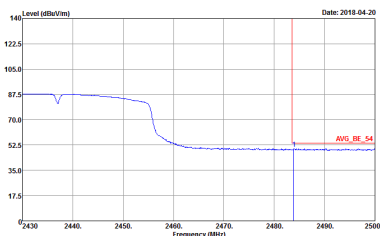
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

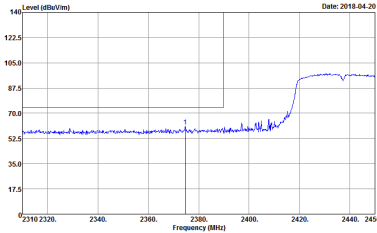
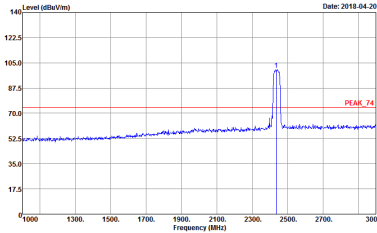
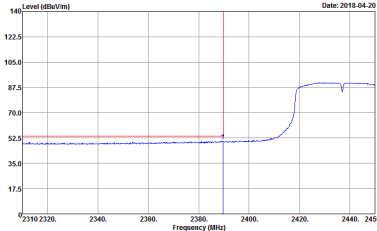
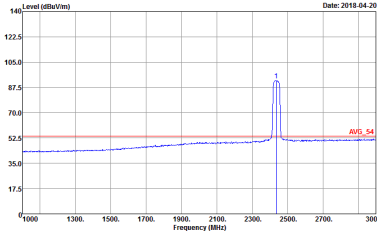


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak

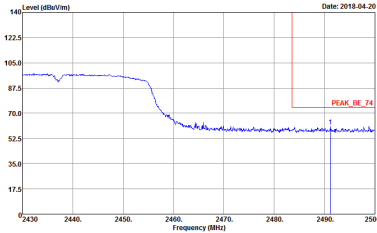
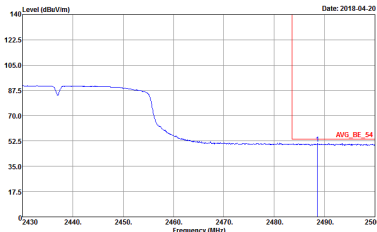


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

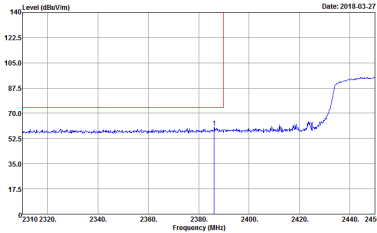
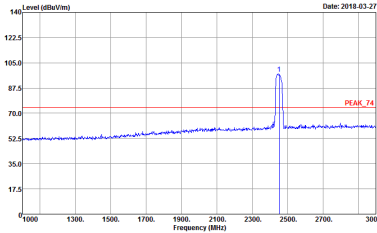
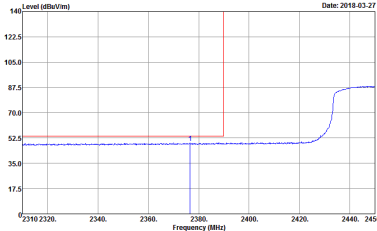
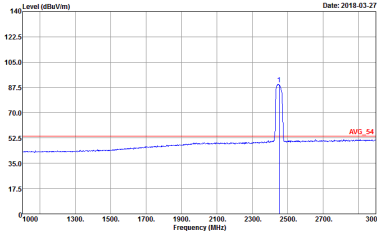


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak

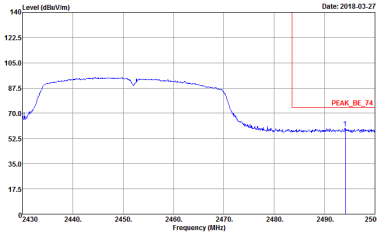
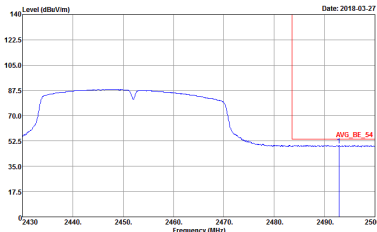


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

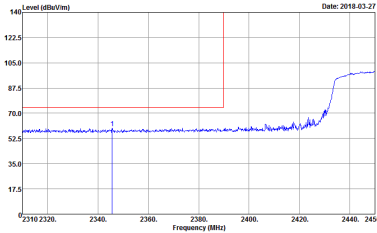
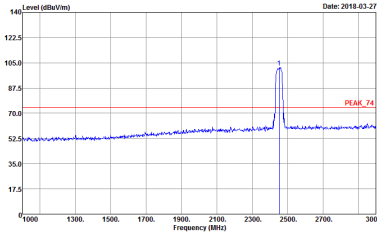
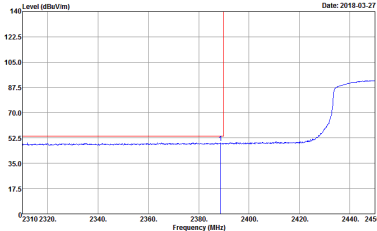
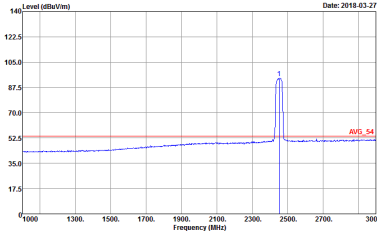


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak

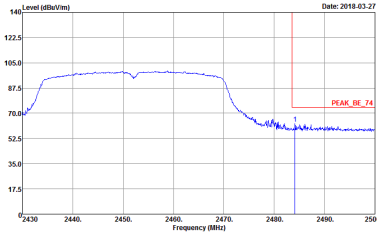
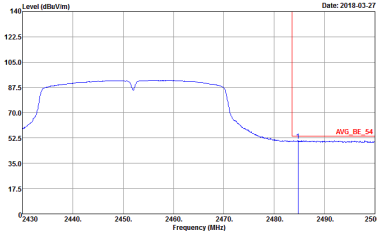


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

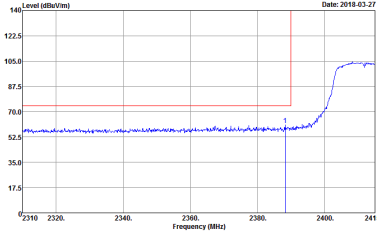
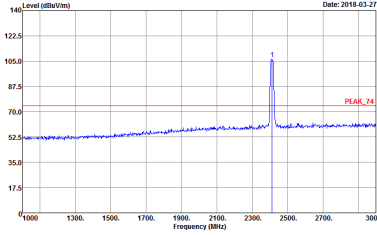
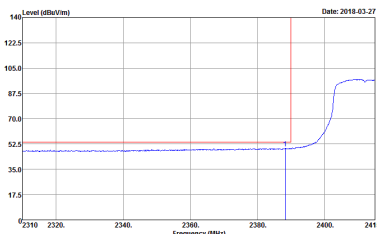
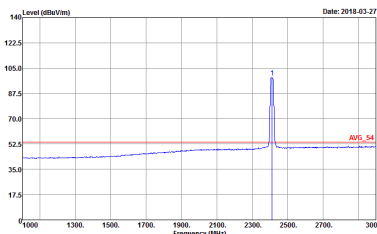


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak

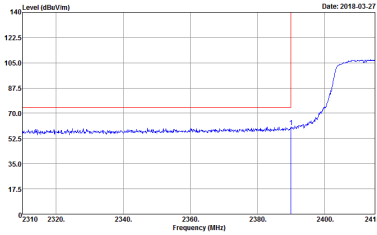
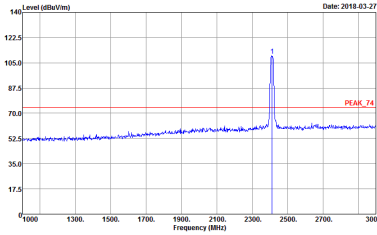
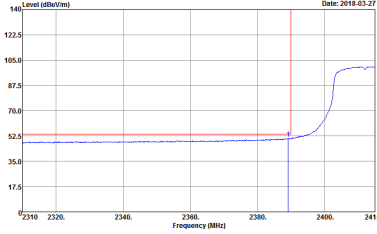
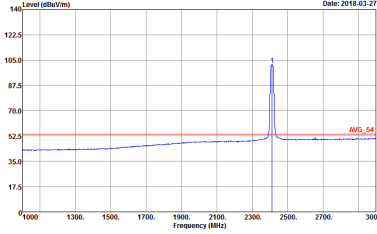


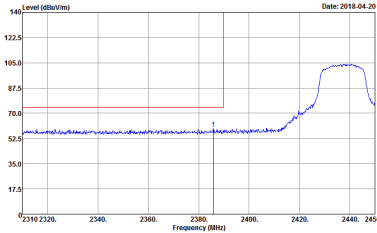
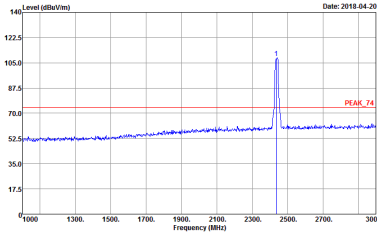
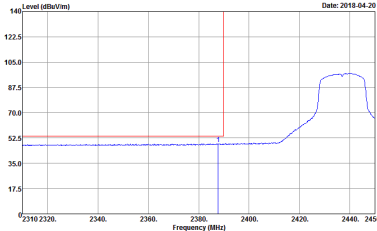
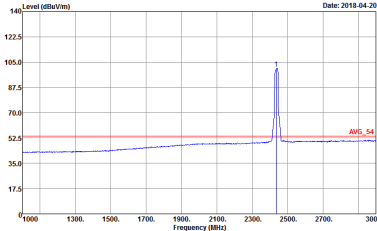
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

2.4GHz 2400~2483.5MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

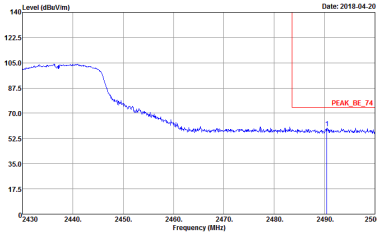
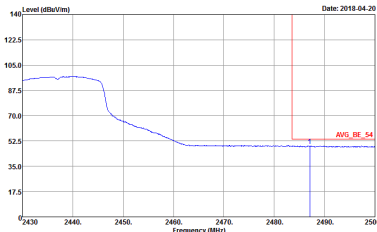
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak



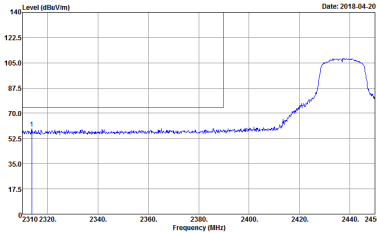
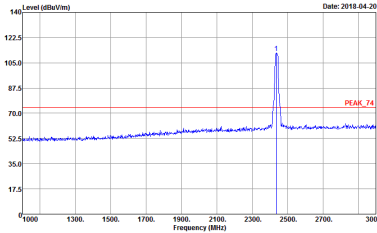
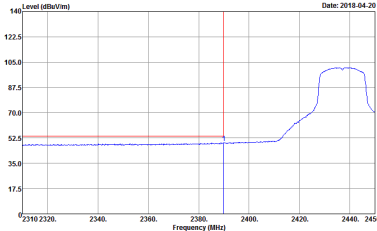
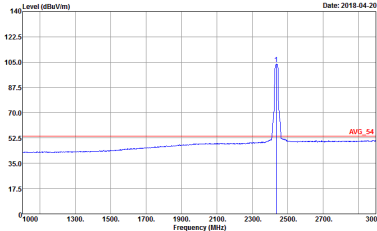
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

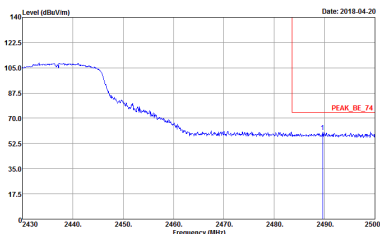
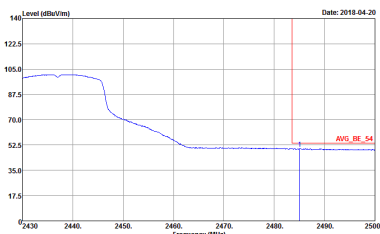


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	Left blank

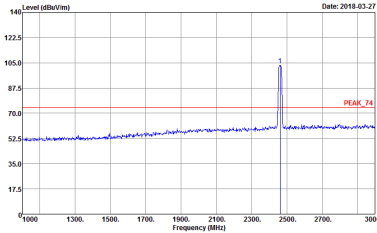
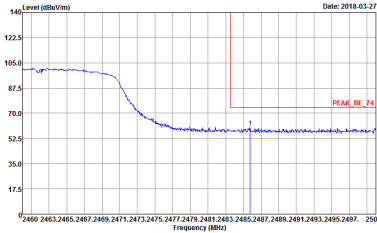
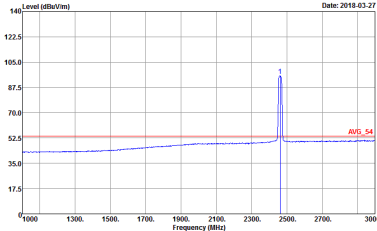
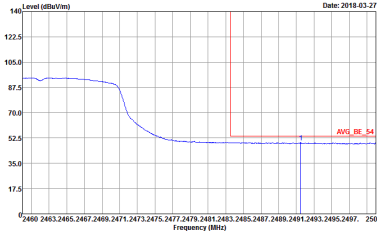


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

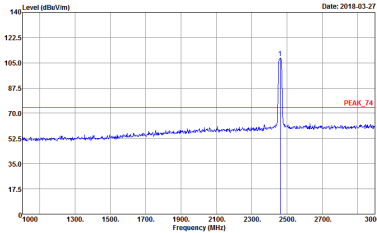
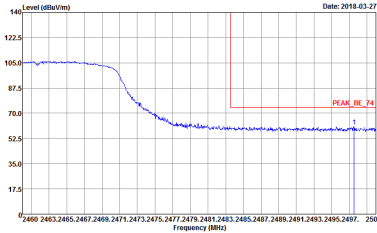
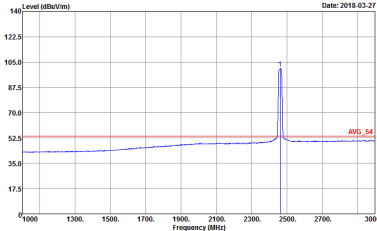
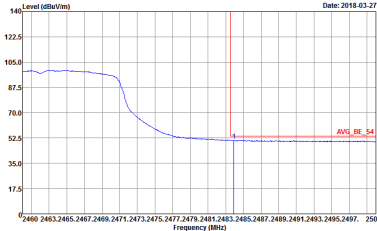


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak

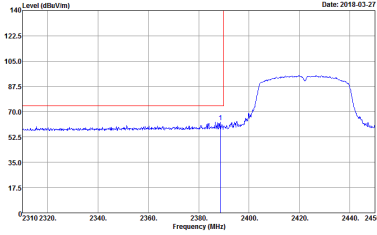
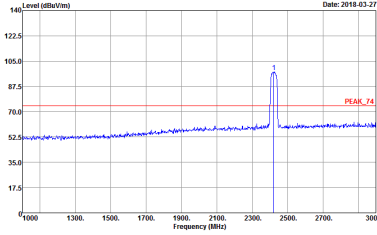
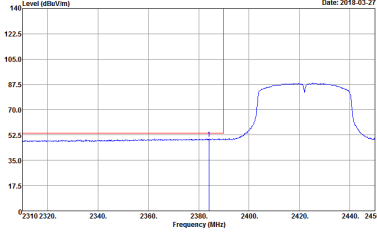
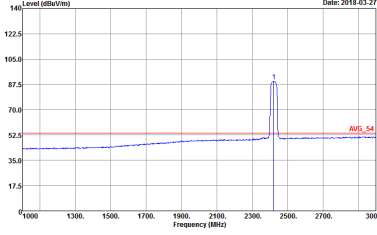


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

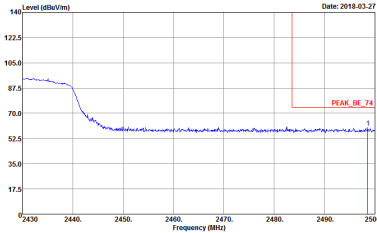
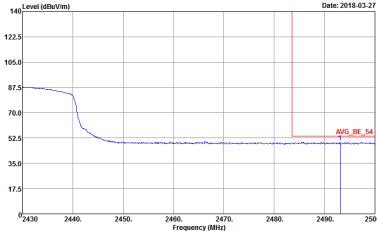


2.4GHz 2400~2483.5MHz

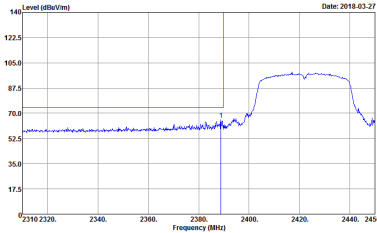
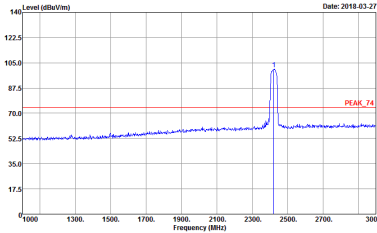
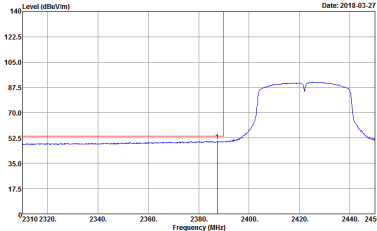
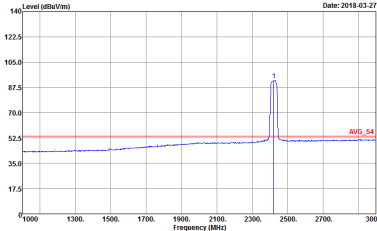
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak

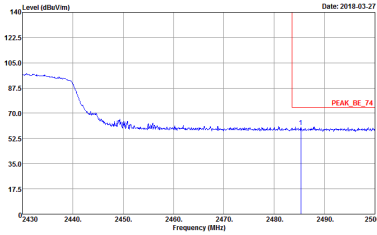
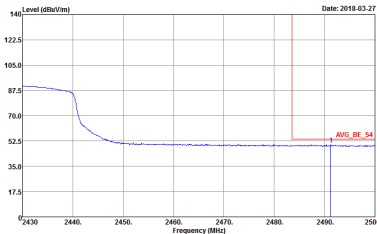


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

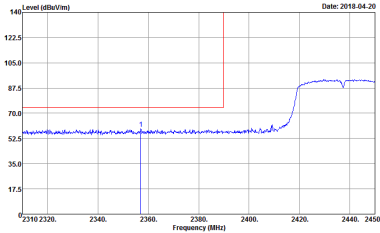
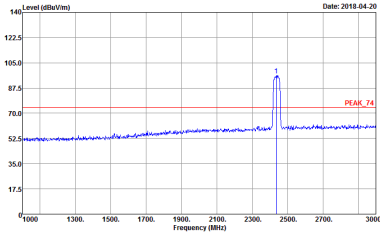
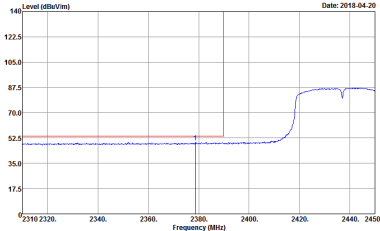
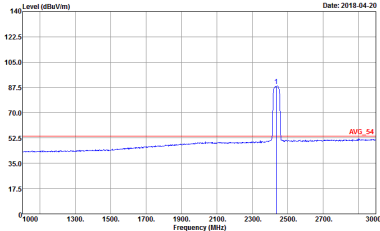


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak

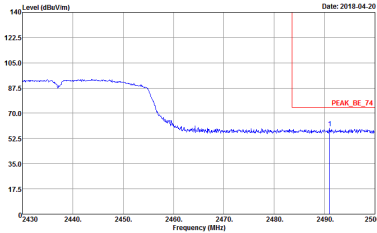
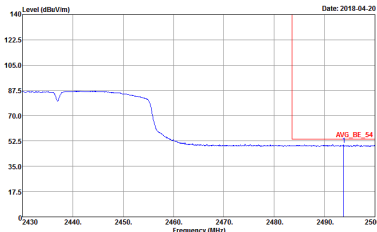


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

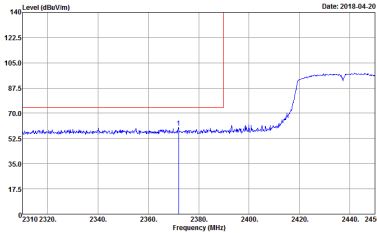
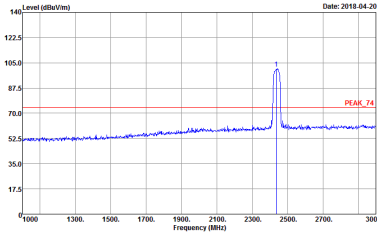
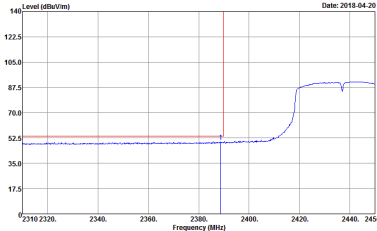
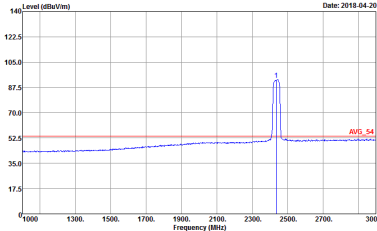


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak

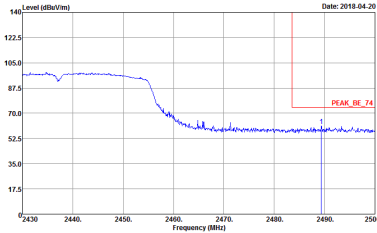
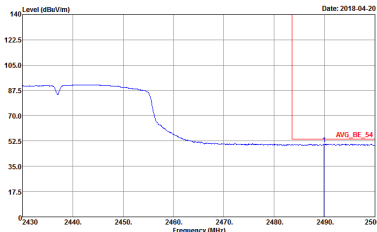


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

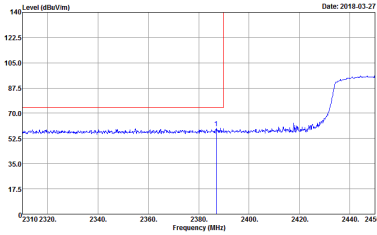
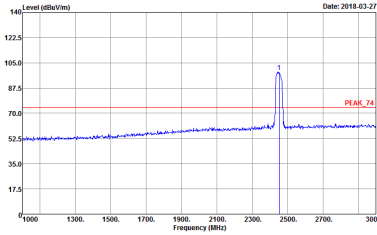
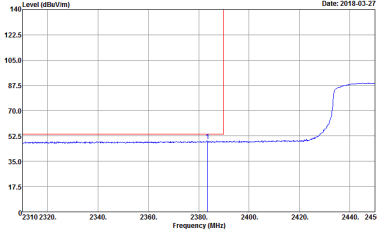
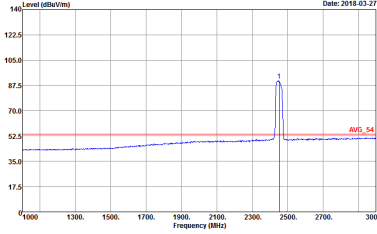


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak

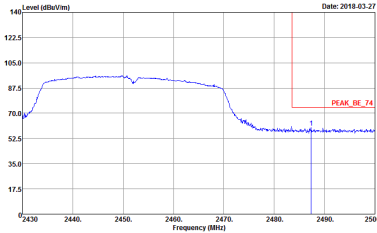
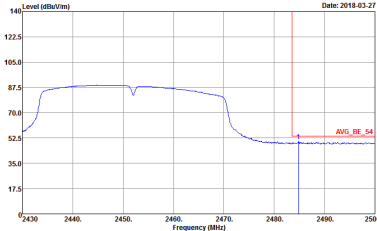


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

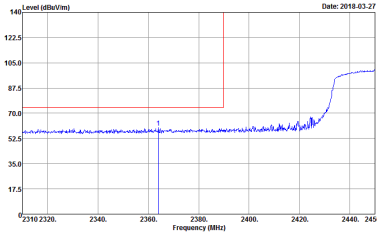
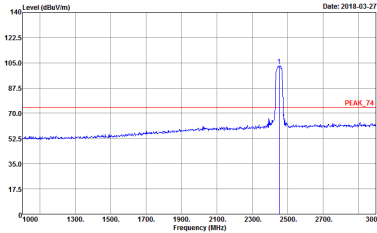
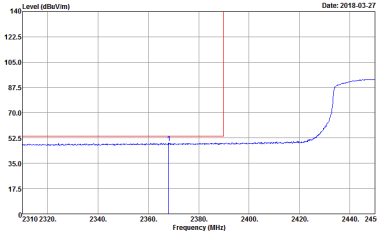
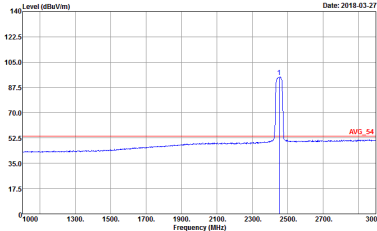


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak

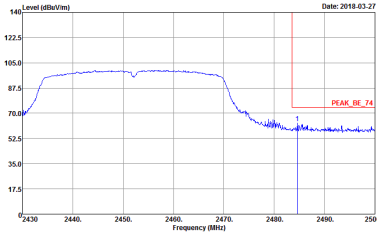
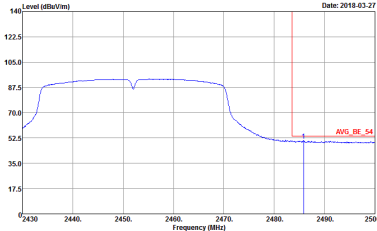


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

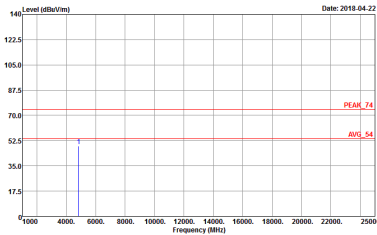
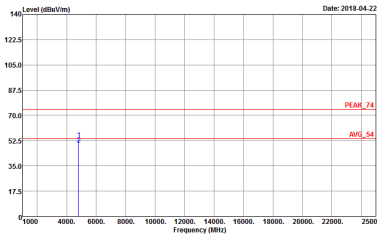


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH16-HY Condition : AVG_54 3m HORN_3117_00211469 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak

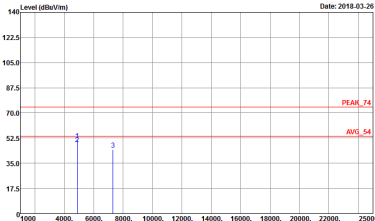
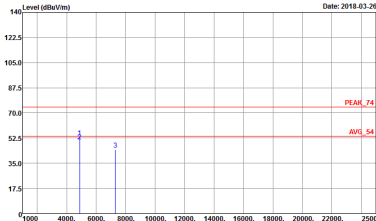


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m HORN_3117_00211469 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank

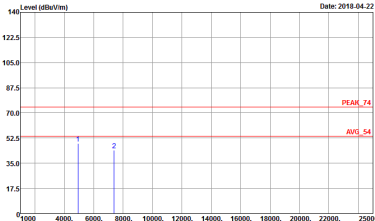
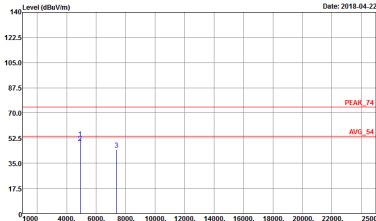
**2.4GHz 2400~2483.5MHz****WIFI 802.11b (Harmonic @ 3m)**

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak

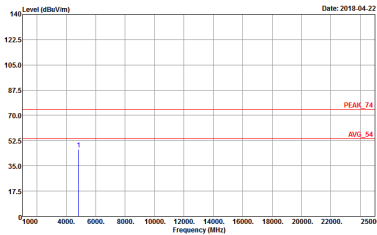
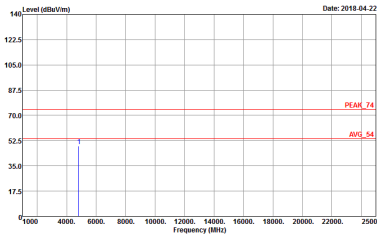


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak

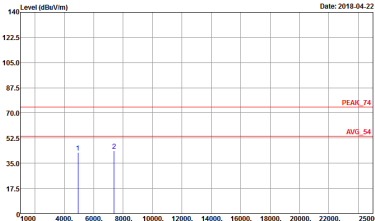
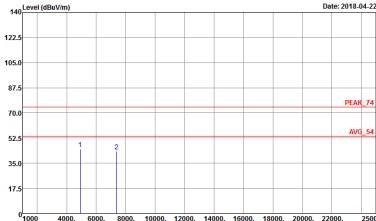
**2.4GHz 2400~2483.5MHz****WIFI 802.11g (Harmonic @ 3m)**

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak

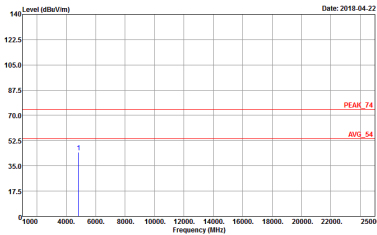
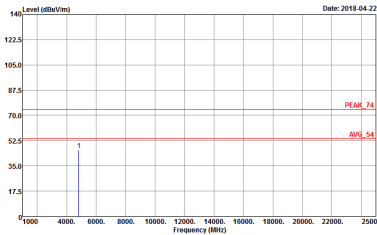


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak

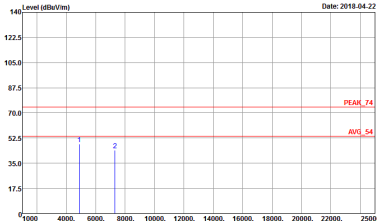
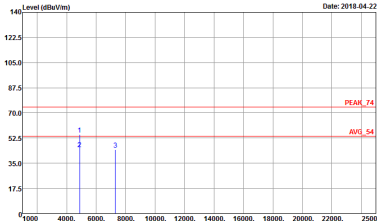


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak

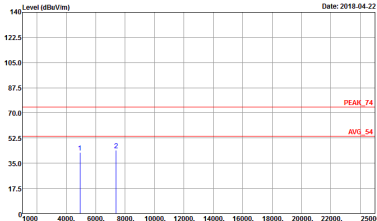
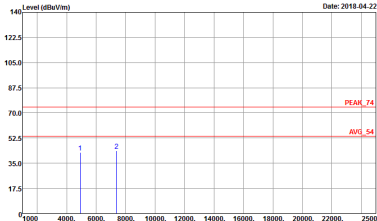
**2.4GHz 2400~2483.5MHz****WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak



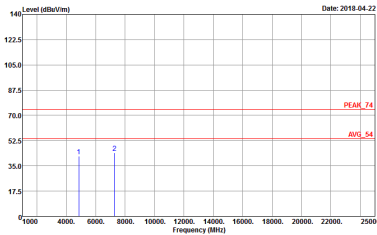
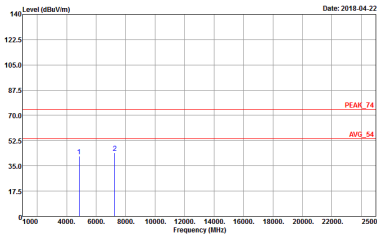
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak



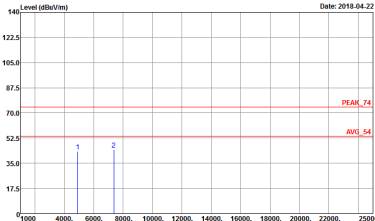
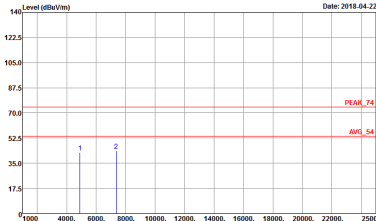
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak

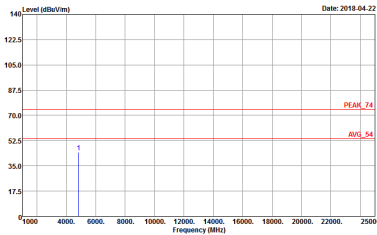
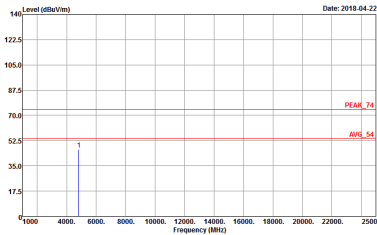


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1	Horizontal	Vertical
Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak

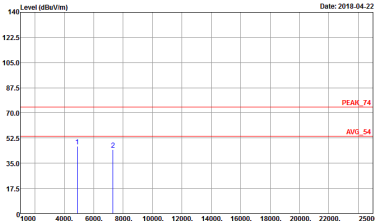
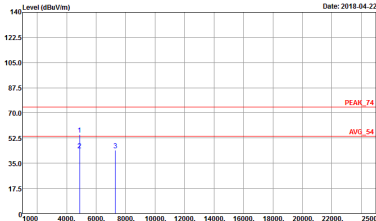


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak

**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	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH06 2437MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak

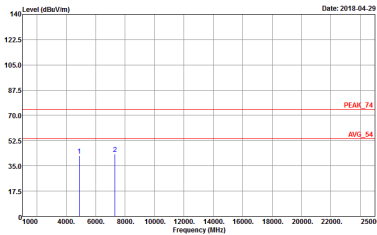
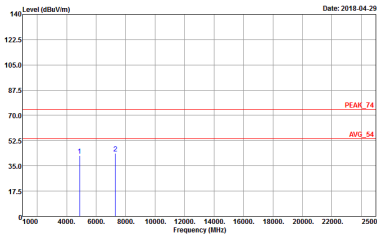


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH11 2462MHz	
1	Horizontal	Vertical
Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak



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	Horizontal	Vertical
Peak	 Site : 03CHI6-HY Condition : PEAK_74 3m HORN_3117_0021469 HORIZONTAL Detector : Peak	 Site : 03CHI6-HY Condition : PEAK_74 3m HORN_3117_0021469 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH06 2437MHz	
1	Horizontal	Vertical
Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak

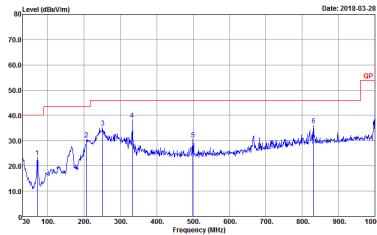
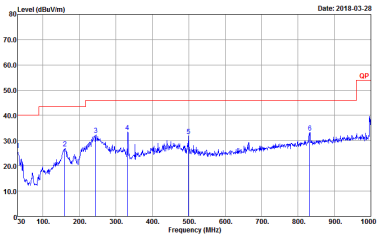


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH09 2452MHz	
1	Horizontal	Vertical
Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 HORIZONTAL Detector : Peak	Site : 03CH16-HY Condition : PEAK_74 3m HORN_3117_00211469 VERTICAL Detector : Peak



Emission below 1GHz

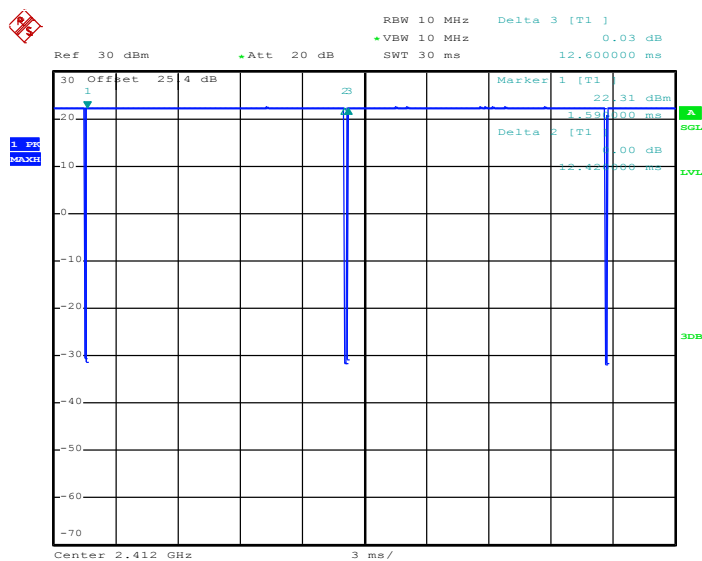
2.4GHz WIFI 802.11n HT20 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CHI6-HY Condition : QP 3m BIL06_47020406 HORIZONTAL Detector : Peak	 Site : 03CHI6-HY Condition : QP 3m BIL06_47020406 VERTICAL Detector : Peak

Appendix D. Duty Cycle Plots

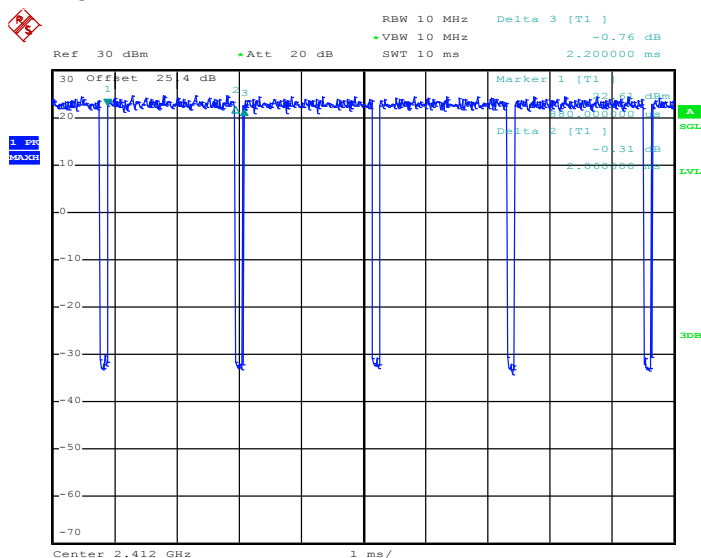
Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor (dB)
802.11b	98.57	-	-	10Hz	0.06
802.11g	93.64	2060.00	0.49	1kHz	0.29
2.4GHz 802.11n HT20	93.20	1920.00	0.52	1kHz	0.31
2.4GHz 802.11n HT40	87.96	950.00	1.05	3kHz	0.56
2.4GHz 802.11ac20	94.12	1920.00	0.52	1kHz	0.26
2.4GHz 802.11ac40	88.79	950.00	1.05	3kHz	0.52

802.11b



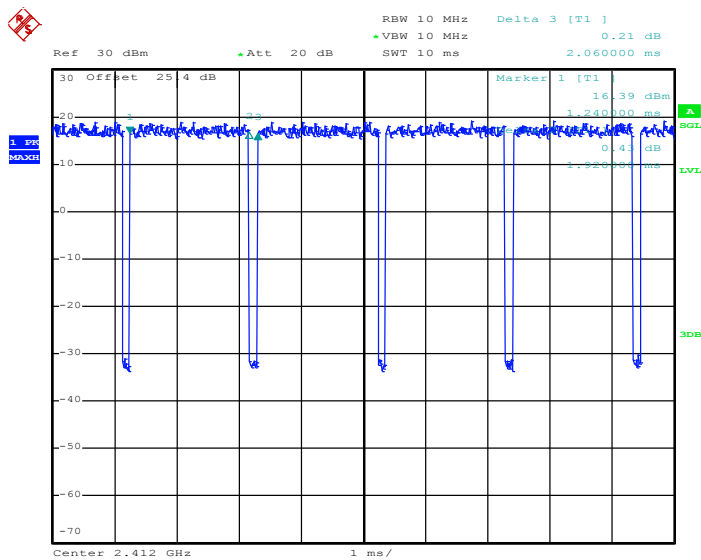
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802.11g



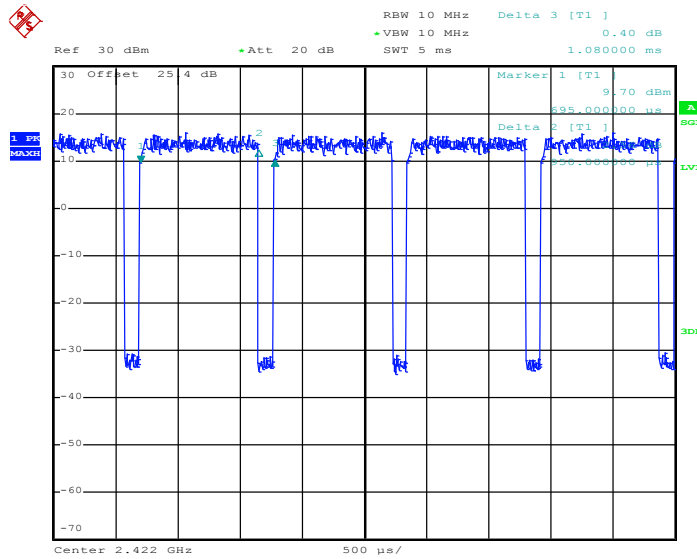
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802.11n HT20



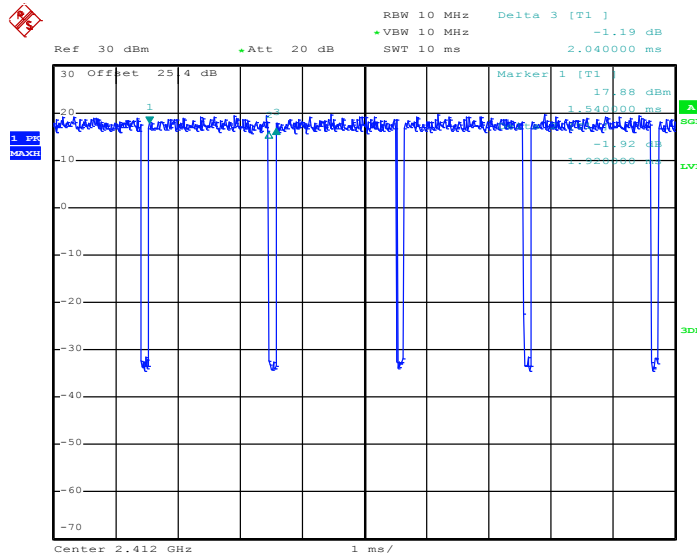
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802.11n HT40



Date: 15.MAR.2018 22:50:37

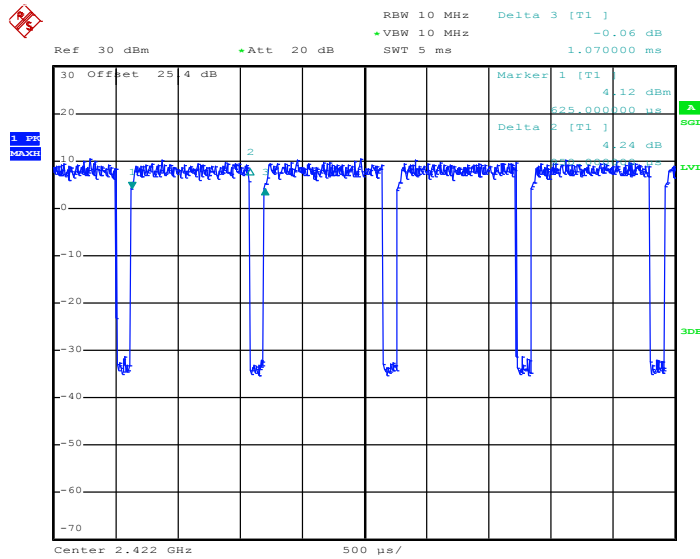
802.11ac VHT20



Date: 24.MAR.2018 13:31:20



802.11ac VHT40



Date: 24.MAR.2018 14:05:15