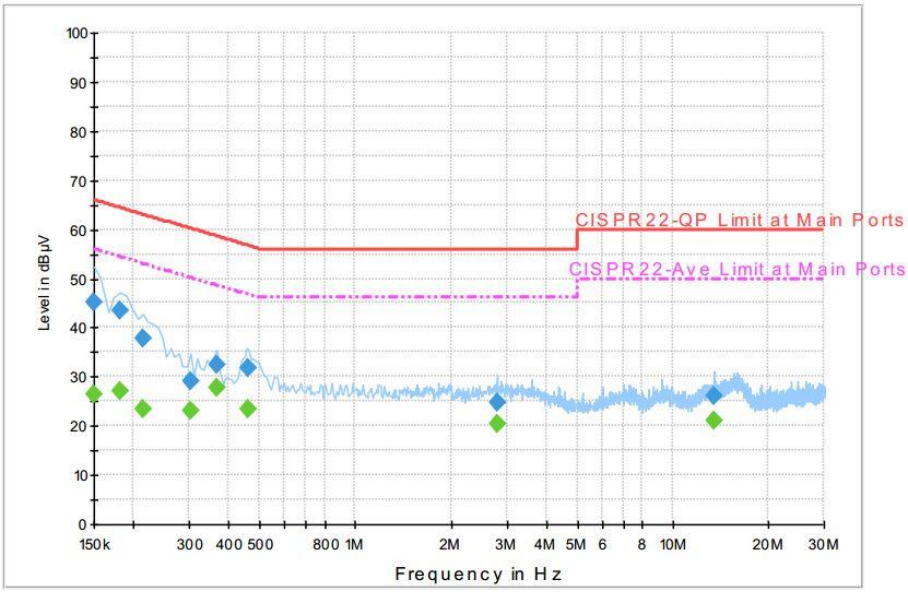
Test Mode :	Mode 1	Temperature :	21~22℃
Test Engineer :	Derreck Chen	Relative Humidity :	51~52%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	WLAN (2.4GHz) Link + Bluetooth Link + MPEG4 + Adapter		



Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	45.1	Off	N	19.6	20.9	66.0
0.182000	43.4	Off	N	19.6	21.0	64.4
0.214000	37.8	Off	N	19.6	25.2	63.0
0.302000	29.0	Off	N	19.6	31.2	60.2
0.366000	32.4	Off	N	19.6	26.2	58.6
0.462000	31.8	Off	N	19.6	24.9	56.7

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	26.6	Off	N	19.6	29.4	56.0
0.182000	27.1	Off	N	19.6	27.3	54.4
0.214000	23.4	Off	N	19.6	29.6	53.0
0.302000	23.1	Off	N	19.6	27.1	50.2
0.366000	27.9	Off	N	19.6	20.7	48.6
0.462000	23.3	Off	N	19.6	23.4	46.7
2.790000	20.5	Off	N	19.6	25.5	46.0
13.54000	21.1	Off	N	19.8	28.9	50.0

3.7 Antenna Requirements

3.7.1 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. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the Antenna exceeds 6 dBi. 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 FCC rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

For CDD transmissions, directional gain is calculated as

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

For power spectral density (PSD) measurements on all devices,

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
2.4 GHz	2.81	3.05	3.05	5.94	0.00	0.00

Power Limit Reduction = DG(Power) – 6dBi, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dBi, (min = 0)

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	1036004	300MHz~40GHz	Jul. 29, 2015	Apr. 14, 2016~ Jun. 06, 2016	Jul. 28, 2016	Conducted (TH02-HY)
Power Sensor	Anritsu	MA2411B	1027253	300MHz~40GHz	Jul. 29, 2015	Apr. 14, 2016~ Jun. 06, 2016	Jul. 28, 2016	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 18, 2015	Apr. 14, 2016~ Jun. 06, 2016	Jun. 17, 2016	Conducted (TH02-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 25, 2016	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 26, 2015	Apr. 25, 2016	Aug. 25, 2016	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 02, 2015	Apr. 25, 2016	Dec. 01, 2016	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 08, 2016	Apr. 25, 2016	Jan. 07, 2017	Conduction (CO05-HY)
Bilog Antenna	TESEQ	CBL 6111D	35419	30MHz to 1GHz	Jan. 13, 2016	Apr. 20, 2016~ Jun. 21, 2016	Jan. 12, 2017	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 21, 2015	Apr. 20, 2016~ Jun. 21, 2016	Aug. 20, 2016	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Sep. 02, 2015	Apr. 20, 2016~ Jun. 21, 2016	Sep. 01, 2016	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz ~ 18GHz	Apr. 15, 2016	Apr. 20, 2016~ Jun. 21, 2016	Apr. 14, 2017	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1000MHz	Mar. 18, 2016	Apr. 20, 2016~ Jun. 21, 2016	Mar. 17, 2017	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Oct. 19, 2015	Apr. 20, 2016~ Jun. 21, 2016	Oct. 18, 2016	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Feb. 27, 2016	Apr. 20, 2016~ Jun. 21, 2016	Feb. 26, 2017	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Apr. 20, 2016~ Jun. 21, 2016	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 degree	N/A	Apr. 20, 2016~ Jun. 21, 2016	N/A	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz- 40GHz	Oct. 12, 2015	Apr. 20, 2016~ Jun. 21, 2016	Oct. 11, 2016	Radiation (03CH07-HY)
Preamplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	Jun. 02, 2015	Apr. 20, 2016~ May 06, 2016	Jun. 01, 2016	Radiation (03CH07-HY)
Preamplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	Jun. 14, 2016	Jun. 21, 2016	Jun. 13, 2017	Radiation (03CH07-HY)
EMI Test Receiver	Agilent Technologies	N9038A (MXE)	MY53290045	20MHz~8.4GHz	Feb. 01, 2016	Apr. 20, 2016~ Jun. 21, 2016	Jan. 31, 2017	Radiation (03CH07-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Sep. 02, 2015	Jun. 01, 2016 ~ Jun. 21, 2016	Sep. 01, 2016	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Nov. 20, 2015	Jun. 01, 2016 ~ Jun. 21, 2016	Nov. 19, 2016	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D	35414	30MHz~1GHz	Nov. 17, 2015	Jun. 01, 2016 ~ Jun. 21, 2016	Nov. 16, 2016	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Oct. 08, 2015	Jun. 01, 2016 ~ Jun. 21, 2016	Oct. 07, 2016	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 19, 2015	Jun. 01, 2016 ~ Jun. 21, 2016	Nov. 18, 2016	Radiation (03CH11-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1902247	1GHz~18GHz	Jul. 01, 2015	Jun. 01, 2016 ~ Jun. 21, 2016	Jun. 30, 2016	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz ~ 44GHZ	Sep. 24, 2015	Jun. 01, 2016 ~ Jun. 21, 2016	Sep. 23, 2016	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jun. 01, 2016 ~ Jun. 21, 2016	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jun. 01, 2016 ~ Jun. 21, 2016	N/A	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 02, 2015	Jun. 01, 2016 ~ Jun. 21, 2016	Nov. 01, 2016	Radiation (03CH11-HY)
Preamplifier	MITEQ	TTA0204	1872107	2GHz~40GHz	Feb. 15, 2016	Jun. 01, 2016 ~ Jun. 21, 2016	Feb. 14, 2017	Radiation (03CH11-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.26**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz) for 03CH07-HY

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.60**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz) for 03CH11-HY

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.90**

Appendix A. Conducted Test Results

Report Number : FR572808-01C

Test Engineer:	Derek Hus	Temperature:	21~25	°C
Test Date:	2016/4/14~2016/6/6	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2		
11b	1Mbps	1	1	2412	11.60	11.70	7.60	8.02	0.50	Pass
11b	1Mbps	1	6	2437	11.60	11.65	7.58	8.08	0.50	Pass
11b	1Mbps	1	11	2462	11.55	11.55	8.02	8.02	0.50	Pass
11g	6Mbps	1	1	2412	18.05	18.25	16.30	16.34	0.50	Pass
11g	6Mbps	1	6	2437	18.15	18.15	16.34	16.32	0.50	Pass
11g	6Mbps	1	11	2462	18.40	18.15	16.32	16.32	0.50	Pass
HT20	MCS0	1	1	2412	18.90	19.20	17.54	17.54	0.50	Pass
HT20	MCS0	1	6	2437	19.05	18.95	17.58	17.60	0.50	Pass
HT20	MCS0	1	11	2462	19.10	19.00	17.56	17.54	0.50	Pass
11g	6Mbps	2	1	2412	18.15	18.10	16.32	16.32	0.50	Pass
11g	6Mbps	2	6	2437	18.65	18.30	16.32	16.32	0.50	Pass
11g	6Mbps	2	11	2462	18.10	17.90	16.32	16.32	0.50	Pass
HT20	MCS0	2	1	2412	19.00	18.95	17.54	17.58	0.50	Pass
HT20	MCS0	2	6	2437	18.95	19.10	17.60	17.60	0.50	Pass
HT20	MCS0	2	11	2462	19.15	19.05	17.54	17.56	0.50	Pass

TEST RESULTS DATA
Peak Output Power

2.4GHz Band																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	22.66	22.53		30.00	30.00	2.81	3.05	25.47	25.58	36.00	36.00	Pass
11b	1Mbps	1	6	2437	23.20	22.68		30.00	30.00	2.81	3.05	26.01	25.73	36.00	36.00	Pass
11b	1Mbps	1	11	2462	22.56	22.41		30.00	30.00	2.81	3.05	25.37	25.46	36.00	36.00	Pass
11g	6Mbps	1	1	2412	23.90	25.01		30.00	30.00	2.81	3.05	26.71	28.06	36.00	36.00	Pass
11g	6Mbps	1	6	2437	26.02	25.90		30.00	30.00	2.81	3.05	28.83	28.95	36.00	36.00	Pass
11g	6Mbps	1	11	2462	24.59	25.83		30.00	30.00	2.81	3.05	27.40	28.88	36.00	36.00	Pass
HT20	MCS0	1	1	2412	23.78	24.22		30.00	30.00	2.81	3.05	26.59	27.27	36.00	36.00	Pass
HT20	MCS0	1	6	2437	26.20	26.23		30.00	30.00	2.81	3.05	29.01	29.28	36.00	36.00	Pass
HT20	MCS0	1	11	2462	25.15	26.00		30.00	30.00	2.81	3.05	27.96	29.05	36.00	36.00	Pass
11g	6Mbps	2	1	2412	20.87	20.21	23.56	30.00		3.05		26.61		36.00		Pass
11g	6Mbps	2	6	2437	26.20	25.82	29.02	30.00		3.05		32.07		36.00		Pass
11g	6Mbps	2	11	2462	23.40	23.06	26.24	30.00		3.05		29.29		36.00		Pass
HT20	MCS0	2	1	2412	19.26	18.11	21.73	30.00		3.05		24.78		36.00		Pass
HT20	MCS0	2	6	2437	26.07	25.75	28.92	30.00		3.05		31.97		36.00		Pass
HT20	MCS0	2	11	2462	22.77	22.11	25.46	30.00		3.05		28.51		36.00		Pass

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
11b	1Mbps	1	1	2412	0.04	0.06	19.52	19.64	
11b	1Mbps	1	6	2437	0.04	0.06	19.98	19.68	
11b	1Mbps	1	11	2462	0.04	0.06	19.50	19.51	
11g	6Mbps	1	1	2412	0.29	0.32	16.99	18.30	
11g	6Mbps	1	6	2437	0.29	0.32	19.63	19.51	
11g	6Mbps	1	11	2462	0.29	0.32	17.47	19.50	
HT20	MCS0	1	1	2412	0.34	0.35	16.56	17.16	
HT20	MCS0	1	6	2437	0.34	0.35	19.84	19.91	
HT20	MCS0	1	11	2462	0.34	0.35	17.54	19.03	
11g	6Mbps	2	1	2412	0.32	0.32	13.88	13.20	16.57
11g	6Mbps	2	6	2437	0.32	0.32	19.90	19.31	22.63
11g	6Mbps	2	11	2462	0.32	0.32	16.43	15.86	19.17
HT20	MCS0	2	1	2412	0.31	0.34	11.94	11.56	14.77
HT20	MCS0	2	6	2437	0.31	0.34	19.65	19.23	22.46
HT20	MCS0	2	11	2462	0.31	0.34	15.66	14.85	18.29

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	-2.72	-3.84		2.81	3.05	8.00	8.00	Pass
11b	1Mbps	1	6	2437	-3.60	-3.32		2.81	3.05	8.00	8.00	Pass
11b	1Mbps	1	11	2462	-2.93	-3.00		2.81	3.05	8.00	8.00	Pass
11g	6Mbps	1	1	2412	-6.93	-7.74		2.81	3.05	8.00	8.00	Pass
11g	6Mbps	1	6	2437	-6.60	-7.19	-	2.81	3.05	8.00	8.00	Pass
11g	6Mbps	1	11	2462	-6.41	-6.76		2.81	3.05	8.00	8.00	Pass
HT20	MCS0	1	1	2412	-7.48	-6.18		2.81	3.05	8.00	8.00	Pass
HT20	MCS0	1	6	2437	-7.20	-6.25		2.81	3.05	8.00	8.00	Pass
HT20	MCS0	1	11	2462	-7.39	-7.09		2.81	3.05	8.00	8.00	Pass
11g	6Mbps	2	1	2412	-11.57	-11.72	-8.56	5.94		8.00		Pass
11g	6Mbps	2	6	2437	-5.82	-5.94	-2.81	5.94		8.00		Pass
11g	6Mbps	2	11	2462	-8.61	-8.98	-5.60	5.94		8.00		Pass
HT20	MCS0	2	1	2412	-13.33	-14.85	-10.32	5.94		8.00		Pass
HT20	MCS0	2	6	2437	-5.86	-7.71	-2.85	5.94		8.00		Pass
HT20	MCS0	2	11	2462	-9.21	-9.57	-6.20	5.94		8.00		Pass

Measured power density (dBm) has offset with cable loss.

Appendix B. Radiated Spurious Emission

Test Engineer :	James Chiu and Jesse Wang and Luke Chang	Temperature :	21~24°C
		Relative Humidity :	50~54%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		2385.6	58.36	-15.64	74	53.46	31.93	7.31	34.34	100	132	P	H
		2386.02	51.91	-2.09	54	47.01	31.93	7.31	34.34	100	132	A	H
	*	2412	107.38	-	-	102.39	31.98	7.31	34.3	100	132	P	H
	*	2414	103.36	-	-	98.36	31.98	7.31	34.29	100	132	A	H
													H
													H
		2385.6	59.46	-14.54	74	54.56	31.93	7.31	34.34	200	9	P	V
		2385.915	52.69	-1.31	54	47.79	31.93	7.31	34.34	200	9	A	V
	*	2412	110.72	-	-	105.73	31.98	7.31	34.3	200	9	P	V
	*	2414	107.33	-	-	102.33	31.98	7.31	34.29	200	9	A	V
													V
													V
802.11b CH 06 2437MHz		2340.15	55.44	-18.56	74	50.82	31.8	7.24	34.42	197	315	P	H
		2388.91	44.92	-9.08	54	40.01	31.93	7.31	34.33	197	315	A	H
	*	2436	108.99	-	-	103.87	32.02	7.36	34.26	197	315	P	H
	*	2436	105.82	-	-	100.7	32.02	7.36	34.26	197	315	A	H
		2493.32	56.26	-17.74	74	50.82	32.2	7.4	34.16	197	315	P	H
		2499.04	45.57	-8.43	54	40.12	32.2	7.4	34.15	197	315	A	H
		2383.98	56.32	-17.68	74	51.46	31.89	7.31	34.34	243	340	P	V
		2390	45.3	-8.7	54	40.39	31.93	7.31	34.33	243	340	A	V
	*	2436	111.89	-	-	106.77	32.02	7.36	34.26	243	340	P	V
	*	2436	108.66	-	-	103.54	32.02	7.36	34.26	243	340	A	V
		2494.26	56.69	-17.31	74	51.25	32.2	7.4	34.16	243	340	P	V
		2486	46.27	-7.73	54	40.88	32.16	7.4	34.17	243	340	A	V

802.11b CH 11 2462MHz	*	2462	108.27	-	-	102.97	32.11	7.4	34.21	102	138	P	H
	*	2462	104.16	-	-	98.86	32.11	7.4	34.21	102	138	A	H
		2485.64	57.46	-16.54	74	52.07	32.16	7.4	34.17	102	138	P	H
		2483.52	48.12	-5.88	54	42.74	32.16	7.4	34.18	102	138	P	H
													H
													H
	*	2462	110.53	-	-	105.23	32.11	7.4	34.21	218	355	P	V
	*	2464	107.45	-	-	102.15	32.11	7.4	34.21	218	355	A	V
		2483.64	59.53	-14.47	74	54.15	32.16	7.4	34.18	218	355	P	V
		2483.52	53.34	-0.66	54	47.96	32.16	7.4	34.18	218	355	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 802.11b (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	48.84	-25.16	74	62	34.2	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	54.83	-19.17	74	67.99	34.2	11.68	59.04	100	18	P	V
		4824	52.1	-1.9	54	65.26	34.2	11.68	59.04	100	18	A	V
													V
													V
802.11b CH 06 2437MHz		4872	48.72	-25.28	74	61.9	34.23	11.53	58.94	100	0	P	H
		7308	49.44	-24.56	74	57.96	35.6	13.81	57.93	100	0	P	H
													H
													H
		4872	53.17	-20.83	74	66.35	34.23	11.53	58.94	191	81	P	V
		4872	52.64	-1.36	54	65.82	34.23	11.53	58.94	191	81	A	V
		7308	53.84	-20.16	74	62.36	35.6	13.81	57.93	100	306	P	V
		7308	50.41	-3.59	54	58.93	35.6	13.81	57.93	100	306	A	V
802.11b CH 11 2462MHz		4926	47.2	-26.8	74	60.41	34.26	11.37	58.84	100	0	P	H
		7386	46.08	-27.92	74	54.59	35.6	13.95	58.06	100	0	P	H
													H
													H
		4926	52.8	-21.2	74	66.01	34.26	11.37	58.84	106	15	P	V
		4926	52.53	-1.47	54	65.74	34.26	11.37	58.84	106	15	A	V
		7386	48.98	-25.02	74	57.49	35.6	13.95	58.06	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

Emission below 1GHz

2.4GHz WIFI 802.11b (LF)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11b LF		30	27.74	-12.26	40	32.02	26	1.07	31.35			P	H
		234.66	38.05	-7.95	46	49.79	17.6	2.07	31.41			P	H
		247.08	42.46	-3.54	46	53.04	18.73	2.07	31.38	100	0	P	H
		333.6	29.91	-16.09	46	38	20.74	2.41	31.24			P	H
		389.6	37.64	-8.36	46	43.99	22.16	2.67	31.18			P	H
		954.5	34.05	-11.95	46	30.3	30.21	4.07	30.53			P	H
													H
													H
													H
													H
													H
													H
		30.54	28.06	-11.94	40	32.89	25.46	1.07	31.36			P	V
		232.23	36.25	-9.75	46	48.23	17.36	2.07	31.41			P	V
		248.16	38.46	-7.54	46	48.95	18.82	2.07	31.38			P	V
		330.8	30.8	-15.2	46	38.97	20.66	2.41	31.24			P	V
		426	42.15	-3.85	46	47.63	22.76	2.89	31.13	100	0	P	V
		975.5	34.12	-19.88	54	30.32	30.25	4.07	30.52			P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		2389.905	59.85	-14.15	74	60.11	27.01	6.71	33.98	334	323	P	H
		2390	49.52	-4.48	54	49.78	27.01	6.71	33.98	334	323	P	H
	*	2412	106.79	-	-	107	27.06	6.71	33.98	334	323	P	H
	*	2412	98	-	-	98.21	27.06	6.71	33.98	334	323	P	H
													H
													H
		2388.96	62.7	-11.3	74	62.97	27.01	6.71	33.99	298	337	P	V
		2390	52.76	-1.24	54	53.02	27.01	6.71	33.98	298	337	P	V
	*	2412	108.21	-	-	108.42	27.06	6.71	33.98	298	337	P	V
	*	2412	100.39	-	-	100.6	27.06	6.71	33.98	298	337	P	V
													V
													V
802.11g CH 06 2437MHz		2383.84	56.73	-17.27	74	57.05	26.96	6.71	33.99	269	324	P	H
		2389.95	45.71	-8.29	54	45.97	27.01	6.71	33.98	269	324	P	H
	*	2437	109.51	-	-	109.58	27.16	6.74	33.97	269	324	P	H
	*	2437	101.65	-	-	101.72	27.16	6.74	33.97	269	324	P	H
		2483.62	59.57	-14.43	74	59.5	27.25	6.77	33.95	269	324	P	H
		2483.97	48.38	-5.62	54	48.31	27.25	6.77	33.95	269	324	P	H
		2389.17	58.75	-15.25	74	59.02	27.01	6.71	33.99	293	351	P	V
		2389.82	47.06	-6.94	54	47.32	27.01	6.71	33.98	293	351	P	V
	*	2437	111.03	-	-	111.1	27.16	6.74	33.97	293	351	P	V
	*	2437	103.28	-	-	103.35	27.16	6.74	33.97	293	351	P	V
		2483.48	59.2	-14.8	74	59.13	27.25	6.77	33.95	293	351	P	V
		2483.55	50.74	-3.26	54	50.67	27.25	6.77	33.95	293	351	P	V

802.11g CH 11 2462MHz	*	2462	107.26	-	-	107.25	27.2	6.77	33.96	373	324	P	H
	*	2462	99.51	-	-	99.5	27.2	6.77	33.96	373	324	P	H
		2483.52	61.84	-12.16	74	61.77	27.25	6.77	33.95	373	324	P	H
		2483.52	48.58	-5.42	54	48.51	27.25	6.77	33.95	373	324	P	H
													H
													H
	*	2462	109.28	-	-	109.27	27.2	6.77	33.96	246	348	P	V
	*	2462	102.25	-	-	102.24	27.2	6.77	33.96	246	348	P	V
		2483.64	64.01	-9.99	74	63.94	27.25	6.77	33.95	246	348	P	V
		2483.56	51.01	-2.99	54	50.94	27.25	6.77	33.95	246	348	P	V
													V
													V

Remark

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

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	38.98	-35.02	74	62.35	31.12	10.58	65.07	100	0	P	H
													H
													H
													H
		4824	44.23	-29.77	74	67.6	31.12	10.58	65.07	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	42.91	-31.09	74	66.24	31.21	10.48	65.02	100	0	P	H
		7311	49.47	-24.53	74	66.17	36.08	12.28	65.06	100	0	P	H
													H
													H
		4874	46.24	-27.76	74	69.57	31.21	10.48	65.02	100	0	P	V
		7311	53.14	-20.86	74	69.84	36.08	12.28	65.06	300	358	P	V
		7311	38.52	-15.48	54	55.22	36.08	12.28	65.06	300	358	A	V
													V
802.11g CH 11 2462MHz		4924	41.34	-32.66	74	64.63	31.29	10.39	64.97	100	0	P	H
		7386	45.85	-28.15	74	62.17	36.27	12.49	65.08	100	0	P	H
													H
													H
		4924	44.68	-29.32	74	67.97	31.29	10.39	64.97	100	0	P	V
		7386	48.67	-25.33	74	64.99	36.27	12.49	65.08	100	0	P	V
													V
													V

Remark

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

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		2389.485	64.86	-9.14	74	65.13	27.01	6.71	33.99	344	327	P	H
		2389.8	52.61	-1.39	54	52.87	27.01	6.71	33.98	344	327	P	H
	*	2412	105.86	-	-	106.07	27.06	6.71	33.98	344	327	P	H
	*	2412	98.06	-	-	98.27	27.06	6.71	33.98	344	327	P	H
802.11n													H
HT20													H
CH 01		2390	65.54	-8.46	74	65.8	27.01	6.71	33.98	337	356	P	V
2412MHz		2390	53.01	-0.99	54	53.27	27.01	6.71	33.98	337	356	P	V
	*	2412	107.75	-	-	107.96	27.06	6.71	33.98	337	356	P	V
	*	2412	99.9	-	-	100.11	27.06	6.71	33.98	337	356	P	V
													V
													V
		2389.56	54.74	-19.26	74	55.01	27.01	6.71	33.99	326	327	P	H
		2389.69	44.04	-9.96	54	44.31	27.01	6.71	33.99	326	327	A	H
	*	2437	109.5	-	-	109.57	27.16	6.74	33.97	326	327	P	H
	*	2437	102.38	-	-	102.45	27.16	6.74	33.97	326	327	P	H
802.11n		2483.97	61.55	-12.45	74	61.48	27.25	6.77	33.95	326	327	P	H
HT20		2483.62	49.07	-4.93	54	49	27.25	6.77	33.95	326	327	P	H
CH 06		2389.82	57.89	-16.11	74	58.15	27.01	6.71	33.98	296	352	P	V
2437MHz		2389.95	47.22	-6.78	54	47.48	27.01	6.71	33.98	296	352	P	V
	*	2437	110.84	-	-	110.91	27.16	6.74	33.97	296	352	P	V
	*	2437	103.83	-	-	103.9	27.16	6.74	33.97	296	352	P	V
		2483.69	60.6	-13.4	74	60.53	27.25	6.77	33.95	296	352	P	V
		2484.74	49.49	-4.51	54	49.42	27.25	6.77	33.95	296	352	P	V

	*	2462	108.18	-	-	108.17	27.2	6.77	33.96	296	325	P	H
	*	2462	99.25	-	-	99.24	27.2	6.77	33.96	296	325	P	H
		2483.56	60.9	-13.1	74	60.83	27.25	6.77	33.95	296	325	P	H
		2483.52	49.87	-4.13	54	49.8	27.25	6.77	33.95	296	325	A	H
802.11n													H
HT20													H
CH 11	*	2462	109.2	-	-	109.19	27.2	6.77	33.96	299	336	P	V
2462MHz	*	2462	101.35	-	-	101.34	27.2	6.77	33.96	299	336	P	V
		2483.96	61.44	-12.56	74	61.37	27.25	6.77	33.95	299	336	P	V
		2483.6	50.97	-3.03	54	50.9	27.25	6.77	33.95	299	336	P	V
													V
													V

Remark

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

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4824	37.04	-36.96	74	60.41	31.12	10.58	65.07	100	0	P	H
													H
802.11n													H
HT20													H
CH 01		4824	44.26	-29.74	74	67.63	31.12	10.58	65.07	100	0	P	V
2412MHz													V
													V
													V
		4874	41.8	-32.2	74	65.13	31.21	10.48	65.02	100	0	P	H
		7311	47.52	-26.48	74	64.22	36.08	12.28	65.06	100	0	P	H
802.11n													H
HT20													H
CH 06		4874	47.4	-26.6	74	70.73	31.21	10.48	65.02	100	0	P	V
2437MHz		7311	48.11	-25.89	74	64.81	36.08	12.28	65.06	100	0	P	V
													V
													V
		4924	40.77	-33.23	74	64.06	31.29	10.39	64.97	100	0	P	H
		7386	45.18	-28.82	74	61.5	36.27	12.49	65.08	100	0	P	H
802.11n													H
HT20													H
CH 11		4924	44.7	-29.3	74	67.99	31.29	10.39	64.97	100	0	P	V
2462MHz		7386	46.58	-27.42	74	62.9	36.27	12.49	65.08	100	0	P	V
													V
													V

Remark

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

2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30.54	23.94	-16.06	40	29.66	25.18	0.93	31.83			P	H
		130.71	22.47	-21.03	43.5	34.78	17.99	1.48	31.78			P	H
		259.23	20.76	-25.24	46	30.95	19.6	1.98	31.77			P	H
		463.1	24.13	-21.87	46	29.63	23.5	2.86	31.86			P	H
		746.6	29.51	-16.49	46	30.23	27.64	3.62	31.98			P	H
		956.6	32.85	-13.15	46	29.35	30.59	3.89	30.98	100	0	P	H
													H
													H
													H
													H
2.4GHz													H
802.11n													H
HT20		30.81	30.2	-9.8	40	35.92	25.18	0.93	31.83	100	78	P	V
LF		120.72	24.83	-18.67	43.5	37.4	17.73	1.48	31.78			P	V
		255.18	21.43	-24.57	46	32.02	19.2	1.98	31.77			P	V
		422.5	26.1	-19.9	46	31.42	22.82	3.68	31.82			P	V
		710.9	28.08	-17.92	46	29.65	26.92	3.54	32.03			P	V
		960.8	32.62	-21.38	54	29.1	30.58	3.89	30.95			P	V
													V
													V
													V
													V
													V
													V

Remark

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

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2387.175	59.18	-14.82	74	54.28	31.93	7.31	34.34	100	133	P	H
		2385.915	53.3	-0.7	54	48.4	31.93	7.31	34.34	100	133	P	H
	*	2412	109.44	-	-	104.45	31.98	7.31	34.3	100	133	P	H
	*	2410	106.33	-	-	101.34	31.98	7.31	34.3	100	133	A	H
													H
													H
		2386.86	58.97	-15.03	74	54.07	31.93	7.31	34.34	136	234	P	V
		2386.02	52.54	-1.46	54	47.64	31.93	7.31	34.34	136	234	A	V
	*	2414	107.71	-	-	102.71	31.98	7.31	34.29	136	234	P	V
	*	2414	104.72	-	-	99.72	31.98	7.31	34.29	136	234	P	V
													V
													V
802.11b CH 06 2437MHz		2357.61	56.72	-17.28	74	52.03	31.84	7.24	34.39	106	132	P	H
		2357.84	45.65	-8.35	54	40.96	31.84	7.24	34.39	106	132	A	H
	*	2438	108.16	-	-	102.98	32.07	7.36	34.25	106	132	P	H
	*	2438	105.21	-	-	100.03	32.07	7.36	34.25	106	132	A	H
		2489.28	55.84	-18.16	74	50.41	32.2	7.4	34.17	106	132	P	H
		2483.8	45.54	-8.46	54	40.16	32.16	7.4	34.18	106	132	A	H
		2338.26	55.52	-18.48	74	50.96	31.8	7.18	34.42	250	149	P	V
		2356.02	45.65	-8.35	54	40.96	31.84	7.24	34.39	250	149	A	V
	*	2436	105.51	-	-	100.39	32.02	7.36	34.26	250	149	P	V
	*	2438	102.37	-	-	97.19	32.07	7.36	34.25	250	149	A	V
		2491.68	56.01	-17.99	74	50.57	32.2	7.4	34.16	250	149	P	V
		2486.56	45.16	-8.84	54	39.77	32.16	7.4	34.17	250	149	A	V

802.11b CH 11 2462MHz	*	2464	108.61	-	-	103.31	32.11	7.4	34.21	104	132	P	H
	*	2464	105.68	-	-	100.38	32.11	7.4	34.21	104	132	A	H
		2488	59.62	-14.38	74	54.19	32.2	7.4	34.17	104	132	P	H
		2488.16	52.23	-1.77	54	46.8	32.2	7.4	34.17	104	132	A	H
													H
													H
	*	2462	106.38	-	-	101.08	32.11	7.4	34.21	222	160	P	V
	*	2462	103.16	-	-	97.86	32.11	7.4	34.21	222	160	A	V
		2488.48	58.49	-15.51	74	53.06	32.2	7.4	34.17	222	160	P	V
		2483.52	48.73	-5.27	54	43.35	32.16	7.4	34.18	222	160	P	V
													V
													V

Remark

3. No other spurious found.
4. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	50.12	-23.88	74	63.28	34.2	11.68	59.04	100	31	P	H
		4824	49.82	-4.18	54	62.98	34.2	11.68	59.04	100	31	A	H
													H
													H
		4824	53.03	-20.97	74	66.19	34.2	11.68	59.04	227	11	P	V
		4824	52.83	-1.17	54	65.99	34.2	11.68	59.04	227	11	A	V
													V
													V
802.11b CH 06 2437MHz		4872	50.02	-23.98	74	63.2	34.23	11.53	58.94	100	96	P	H
		4872	49.77	-4.23	54	62.95	34.23	11.53	58.94	100	96	A	H
		7308	51.36	-22.64	74	59.88	35.6	13.81	57.93	100	46	P	H
		7308	49.24	-4.76	54	57.76	35.6	13.81	57.93	100	46	A	H
		4872	52.23	-21.77	74	65.41	34.23	11.53	58.94	122	25	P	V
		4872	51.39	-2.61	54	64.57	34.23	11.53	58.94	122	25	A	V
		7308	51.2	-22.8	74	59.72	35.6	13.81	57.93	100	85	P	V
		7308	49.3	-4.7	54	57.82	35.6	13.81	57.93	100	85	A	V
802.11b CH 11 2462MHz		4926	50.76	-23.24	74	63.97	34.26	11.37	58.84	142	53	P	H
		4926	50.33	-3.67	54	63.54	34.26	11.37	58.84	142	53	A	H
		7386	52.19	-21.81	74	60.7	35.6	13.95	58.06	100	74	P	H
		7386	50.13	-3.87	54	58.64	35.6	13.95	58.06	100	74	A	H
		4926	52.87	-21.13	74	66.08	34.26	11.37	58.84	100	89	P	V
		4926	52.23	-1.77	54	65.44	34.26	11.37	58.84	100	89	A	V
		7386	51.11	-22.89	74	59.62	35.6	13.95	58.06	102	152	P	V
		7386	49.15	-4.85	54	57.66	35.6	13.95	58.06	102	152	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11b (LF)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11b LF		30.27	28.26	-11.74	40	32.54	26	1.07	31.35			P	H
		240.33	39.85	-6.15	46	51.08	18.09	2.07	31.39			P	H
		250.59	41.33	-4.67	46	51.63	19	2.07	31.37	100	0	P	H
		327.3	30.05	-15.95	46	38.33	20.55	2.41	31.24			P	H
		421.1	38.57	-7.43	46	44.12	22.7	2.89	31.14			P	H
		883.1	34.15	-11.85	46	31.63	28.9	4.17	30.55			P	H
													H
													H
													H
													H
													H
													H
		30.54	28.01	-11.99	40	32.84	25.46	1.07	31.36			P	V
		228.72	35.47	-10.53	46	47.7	17.12	2.07	31.42			P	V
		247.08	38.33	-7.67	46	48.91	18.73	2.07	31.38			P	V
		370.7	31.4	-14.6	46	38.41	21.69	2.5	31.2			P	V
		427.4	42.19	-3.81	46	47.64	22.79	2.89	31.13	100	0	P	V
		969.9	34.16	-19.84	54	30.38	30.24	4.07	30.53			P	V
													V
													V
													V
													V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		2390	63.26	-10.74	74	63.52	27.01	6.71	33.98	145	131	P	H
		2390	52.66	-1.34	54	52.92	27.01	6.71	33.98	145	131	P	H
	*	2412	104.48	-	-	104.69	27.06	6.71	33.98	145	131	P	H
	*	2412	97.62	-	-	97.83	27.06	6.71	33.98	145	131	P	H
													H
													H
		2390	63.38	-10.62	74	63.64	27.01	6.71	33.98	131	233	P	V
		2390	52.44	-1.56	54	52.7	27.01	6.71	33.98	131	233	P	V
	*	2412	104.03	-	-	104.24	27.06	6.71	33.98	131	233	P	V
	*	2412	97.16	-	-	97.37	27.06	6.71	33.98	131	233	A	V
													V
													V
802.11g CH 06 2437MHz		2389.17	54.48	-19.52	74	54.75	27.01	6.71	33.99	333	337	P	H
		2389.3	43.98	-10.02	54	44.25	27.01	6.71	33.99	333	337	A	H
	*	2437	106.38	-	-	106.45	27.16	6.74	33.97	333	337	P	H
	*	2437	99.44	-	-	99.51	27.16	6.74	33.97	333	337	P	H
		2491.95	53.23	-20.77	74	53.1	27.3	6.77	33.94	333	337	P	H
		2483.83	43.52	-10.48	54	43.45	27.25	6.77	33.95	333	337	A	H
		2358.88	53.43	-20.57	74	53.86	26.91	6.65	33.99	379	237	P	V
		2388.78	42.04	-11.96	54	42.31	27.01	6.71	33.99	379	237	A	V
	*	2437	104.99	-	-	105.06	27.16	6.74	33.97	379	237	P	V
	*	2437	97.17	-	-	97.24	27.16	6.74	33.97	379	237	P	V
		2483.62	52.56	-21.44	74	52.49	27.25	6.77	33.95	379	237	P	V
		2484.39	42.94	-11.06	54	42.87	27.25	6.77	33.95	379	237	P	V

802.11g CH 11 2462MHz	*	2462	107.67	-	-	107.66	27.2	6.77	33.96	317	328	P	H
	*	2462	99.62	-	-	99.61	27.2	6.77	33.96	317	328	P	H
		2483.72	63.35	-10.65	74	63.28	27.25	6.77	33.95	317	328	P	H
		2483.56	51.49	-2.51	54	51.42	27.25	6.77	33.95	317	328	P	H
													H
													H
	*	2462	103.22	-	-	103.21	27.2	6.77	33.96	121	234	P	V
	*	2462	95.39	-	-	95.38	27.2	6.77	33.96	121	234	A	V
		2483.6	61.85	-12.15	74	61.78	27.25	6.77	33.95	121	234	P	V
		2483.56	49.8	-4.2	54	49.73	27.25	6.77	33.95	121	234	P	V
													V
													V

Remark

3. No other spurious found.
4. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	39.88	-34.12	74	63.25	31.12	10.58	65.07	100	0	P	H
													H
													H
													H
		4824	43.93	-30.07	74	67.3	31.12	10.58	65.07	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	40.44	-33.56	74	63.77	31.21	10.48	65.02	100	0	P	H
		7311	54.79	-19.21	74	71.49	36.08	12.28	65.06	197	59	P	H
		7311	41.49	-12.51	54	58.19	36.08	12.28	65.06	197	59	A	H
													H
		4874	44.36	-29.64	74	67.69	31.21	10.48	65.02	100	0	P	V
		7311	53.98	-20.02	74	70.68	36.08	12.28	65.06	289	357	P	V
		7311	40.69	-13.31	54	57.39	36.08	12.28	65.06	289	357	A	V
													V
802.11g CH 11 2462MHz		4924	41.21	-32.79	74	64.5	31.29	10.39	64.97	100	0	P	H
		7386	56.37	-17.63	74	72.69	36.27	12.49	65.08	197	61	P	H
		7386	42.89	-11.11	54	59.21	36.27	12.49	65.08	197	61	A	H
													H
		4924	44.6	-29.4	74	67.89	31.29	10.39	64.97	100	0	P	V
		7386	55.99	-18.01	74	72.31	36.27	12.49	65.08	299	353	P	V
		7386	42.52	-11.48	54	58.84	36.27	12.49	65.08	299	353	A	V
													V

Remark

3. No other spurious found.
4. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		2389.83	67.06	-6.94	74	67.32	27.01	6.71	33.98	100	131	P	H
		2389.74	53.05	-0.95	54	53.32	27.01	6.71	33.99	100	131	A	H
	*	2412	103.84	-	-	104.05	27.06	6.71	33.98	100	131	P	H
	*	2414	95.94	-	-	96.15	27.06	6.71	33.98	100	131	A	H
802.11n													H
HT20													H
CH 01		2389.2	64.94	-9.06	74	65.21	27.01	6.71	33.99	132	235	P	V
2412MHz		2390	51.82	-2.18	54	52.08	27.01	6.71	33.98	132	235	A	V
	*	2412	103.06	-	-	103.27	27.06	6.71	33.98	132	235	P	V
	*	2414	95.3	-	-	95.51	27.06	6.71	33.98	132	235	A	V
													V
													V
		2387.22	54.39	-19.61	74	54.66	27.01	6.71	33.99	112	133	P	H
		2389.74	44.68	-9.32	54	44.95	27.01	6.71	33.99	112	133	A	H
	*	2437	106.94	-	-	107.01	27.16	6.74	33.97	112	133	P	H
	*	2437	99.21	-	-	99.28	27.16	6.74	33.97	112	133	A	H
802.11n		2487.68	56.24	-17.76	74	56.12	27.3	6.77	33.95	112	133	P	H
HT20		2484.76	45.71	-8.29	54	45.64	27.25	6.77	33.95	112	133	A	H
CH 06		2379.66	53.95	-20.05	74	54.33	26.96	6.65	33.99	114	241	P	V
2437MHz		2388.57	44.44	-9.56	54	44.71	27.01	6.71	33.99	114	241	A	V
	*	2437	105.7	-	-	105.77	27.16	6.74	33.97	114	241	P	V
	*	2437	97.79	-	-	97.86	27.16	6.74	33.97	114	241	A	V
		2494.2	52.84	-21.16	74	52.71	27.3	6.77	33.94	114	241	P	V
		2483.72	43.73	-10.27	54	43.66	27.25	6.77	33.95	114	241	A	V

	*	2462	106.66	-	-	106.65	27.2	6.77	33.96	113	144	P	H
	*	2462	98.91	-	-	98.9	27.2	6.77	33.96	113	144	A	H
		2483.92	64.84	-9.16	74	64.77	27.25	6.77	33.95	113	144	P	H
		2483.56	52	-2	54	51.93	27.25	6.77	33.95	113	144	A	H
802.11n													H
HT20													H
CH 11	*	2462	104.5	-	-	104.49	27.2	6.77	33.96	116	265	P	V
2462MHz	*	2462	96.85	-	-	96.84	27.2	6.77	33.96	116	265	A	V
		2483.96	61.65	-12.35	74	61.58	27.25	6.77	33.95	116	265	P	V
		2483.52	49.37	-4.63	54	49.3	27.25	6.77	33.95	116	265	A	V
													V
													V

Remark

3. No other spurious found.
4. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4824	39.5	-34.5	74	62.87	31.12	10.58	65.07	100	0	P	H
													H
802.11n													H
HT20													H
CH 01		4824	43.9	-30.1	74	67.27	31.12	10.58	65.07	100	0	P	V
2412MHz													V
													V
													V
		4874	41.65	-32.35	74	64.98	31.21	10.48	65.02	100	0	P	H
		7311	55.16	-18.84	74	71.86	36.08	12.28	65.06	188	59	P	H
802.11n		7311	42.82	-11.18	54	59.52	36.08	12.28	65.06	188	59	A	H
HT20													H
CH 06		4874	45.08	-28.92	74	68.41	31.21	10.48	65.02	100	0	P	V
2437MHz		7311	54.45	-19.55	74	71.15	36.08	12.28	65.06	290	351	P	V
		7311	41.01	-12.99	54	57.71	36.08	12.28	65.06	290	351	A	V
													V
		4924	40.92	-33.08	74	64.21	31.29	10.39	64.97	100	0	P	H
		7386	55.11	-18.89	74	71.43	36.27	12.49	65.08	189	60	P	H
802.11n		7386	42.97	-11.03	54	59.29	36.27	12.49	65.08	189	60	A	H
HT20													H
CH 11		4924	44.52	-29.48	74	67.81	31.29	10.39	64.97	100	0	P	V
2462MHz		7386	54.55	-19.45	74	70.87	36.27	12.49	65.08	327	349	P	V
		7386	42.26	-11.74	54	58.58	36.27	12.49	65.08	327	349	A	V
													V

Remark

3. No other spurious found.
4. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 LF		30.54	24.8	-15.2	40	30.52	25.18	0.93	31.83	100	224	P	H
		200.1	22.75	-20.75	43.5	36.79	16	1.74	31.78			P	H
		264.63	20.38	-25.62	46	30.52	19.5	2.13	31.77			P	H
		412.7	24.73	-21.27	46	31.32	22.64	2.58	31.81			P	H
		714.4	29.23	-16.77	46	30.72	26.99	3.54	32.02			P	H
		976.9	32.57	-21.43	54	28.95	30.55	3.89	30.82			P	H
													H
													H
													H
													H
													H
													H
		31.62	28.59	-11.41	40	34.83	24.66	0.93	31.83	100	86	P	V
		118.02	23.56	-19.94	43.5	36.25	17.61	1.48	31.78			P	V
		261.39	22.07	-23.93	46	32.09	19.62	2.13	31.77			P	V
		422.5	25.1	-20.9	46	30.42	22.82	3.68	31.82			P	V
		710.9	28.63	-17.37	46	30.2	26.92	3.54	32.03			P	V
		970.6	32.58	-21.42	54	29	30.56	3.89	30.87			P	V
													V
													V
													V
													V
													V
													V

Remark

3. No other spurious found.
4. All results are PASS against limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		2389.65	62.67	-11.33	74	57.76	31.93	7.31	34.33	100	128	P	H
		2390	53.6	-0.4	54	48.69	31.93	7.31	34.33	100	128	P	H
	*	2412	110.49	-	-	105.5	31.98	7.31	34.3	100	128	P	H
	*	2412	102.86	-	-	97.87	31.98	7.31	34.3	100	128	P	H
													H
													H
		2389.905	63.34	-10.66	74	58.43	31.93	7.31	34.33	144	6	P	V
		2390	53.67	-0.33	54	48.76	31.93	7.31	34.33	144	6	A	V
	*	2412	109.24	-	-	104.25	31.98	7.31	34.3	144	6	P	V
	*	2412	101.77	-	-	96.78	31.98	7.31	34.3	144	6	P	V
													V
													V
802.11g CH 06 2437MHz		2384.07	62.49	-11.51	74	57.63	31.89	7.31	34.34	107	134	P	H
		2390	53.4	-0.6	54	48.49	31.93	7.31	34.33	107	134	P	H
	*	2437	114.62	-	-	109.44	32.07	7.36	34.25	107	134	P	H
	*	2437	106.78	-	-	101.6	32.07	7.36	34.25	107	134	A	H
		2484.32	59.8	-14.2	74	54.42	32.16	7.4	34.18	107	134	P	H
		2483.52	49.66	-4.34	54	44.28	32.16	7.4	34.18	107	134	A	H
		2389.29	64.31	-9.69	74	59.4	31.93	7.31	34.33	134	4	P	V
		2389.47	51.27	-2.73	54	46.36	31.93	7.31	34.33	134	4	A	V
	*	2437	115.04	-	-	109.86	32.07	7.36	34.25	134	4	P	V
	*	2437	107.23	-	-	102.05	32.07	7.36	34.25	134	4	A	V
		2486.04	61.21	-12.79	74	55.82	32.16	7.4	34.17	134	4	P	V
		2483.68	51.52	-2.48	54	46.14	32.16	7.4	34.18	134	4	A	V

802.11g CH 11 2462MHz	*	2462	112.5	-	-	107.2	32.11	7.4	34.21	103	134	P	H
	*	2462	105.39	-	-	100.09	32.11	7.4	34.21	103	134	P	H
		2483.56	62.67	-11.33	74	57.29	32.16	7.4	34.18	103	134	P	H
		2483.52	52.98	-1.02	54	47.6	32.16	7.4	34.18	103	134	P	H
													H
													H
	*	2462	111.22	-	-	105.92	32.11	7.4	34.21	159	6	P	V
	*	2462	103.27	-	-	97.97	32.11	7.4	34.21	159	6	A	V
		2484.88	61.9	-12.1	74	56.52	32.16	7.4	34.18	159	6	P	V
		2483.52	50.91	-3.09	54	45.53	32.16	7.4	34.18	159	6	A	V
													V
													V

Remark

5. No other spurious found.
6. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	44.06	-29.94	74	57.22	34.2	11.68	59.04	100	0	P	H
													H
													H
													H
		4824	47.03	-26.97	74	60.19	34.2	11.68	59.04	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4876	48.04	-25.96	74	61.22	34.23	11.53	58.94	100	0	P	H
		7311	55.55	-18.45	74	64.07	35.6	13.81	57.93	100	14	P	H
		7311	44.54	-9.46	54	53.06	35.6	13.81	57.93	100	14	A	H
													H
		4872	49.78	-24.22	74	62.96	34.23	11.53	58.94	100	0	P	V
		7308	58.17	-15.83	74	66.69	35.6	13.81	57.93	176	322	P	V
		7308	48.53	-5.47	54	57.05	35.6	13.81	57.93	176	322	A	V
													V
802.11g CH 11 2462MHz		4924	46.43	-27.57	74	59.64	34.26	11.37	58.84	100	0	P	H
		7386	48.48	-25.52	74	56.99	35.6	13.95	58.06	100	0	P	H
													H
													H
		4924	49.48	-24.52	74	62.69	34.26	11.37	58.84	100	0	P	V
		7386	51.84	-22.16	74	60.35	35.6	13.95	58.06	174	320	P	V
		7386	44.03	-9.97	54	52.54	35.6	13.95	58.06	174	320	A	V
													V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		2389.92	64.4	-9.6	74	59.49	31.93	7.31	34.33	100	143	P	H
		2390	53.26	-0.74	54	48.35	31.93	7.31	34.33	100	143	P	H
	*	2412	108.52	-	-	103.53	31.98	7.31	34.3	100	143	P	H
	*	2412	100.58	-	-	95.59	31.98	7.31	34.3	100	143	P	H
802.11n													H
HT20													H
CH 01		2387.94	63.12	-10.88	74	58.22	31.93	7.31	34.34	140	4	P	V
2412MHz		2390	52.12	-1.88	54	47.21	31.93	7.31	34.33	140	4	P	V
	*	2412	105.19	-	-	100.2	31.98	7.31	34.3	140	4	P	V
	*	2412	98.15	-	-	93.16	31.98	7.31	34.3	140	4	A	V
													V
													V
		2382.36	61.94	-12.06	74	57.09	31.89	7.31	34.35	112	134	P	H
		2390	52.52	-1.48	54	47.61	31.93	7.31	34.33	112	134	P	H
	*	2437	114.12	-	-	108.94	32.07	7.36	34.25	112	134	P	H
	*	2437	105.15	-	-	99.97	32.07	7.36	34.25	112	134	A	H
802.11n		2483.72	60.06	-13.94	74	54.68	32.16	7.4	34.18	112	134	P	H
HT20		2483.64	49.83	-4.17	54	44.45	32.16	7.4	34.18	112	134	A	H
CH 06		2389.2	62.47	-11.53	74	57.56	31.93	7.31	34.33	133	6	P	V
2437MHz		2390	51.57	-2.43	54	46.66	31.93	7.31	34.33	133	6	P	V
	*	2438	113.87	-	-	108.69	32.07	7.36	34.25	133	6	P	V
	*	2437	105.54	-	-	100.36	32.07	7.36	34.25	133	6	A	V
		2485.16	62.62	-11.38	74	57.23	32.16	7.4	34.17	133	6	P	V
		2484.6	51.36	-2.64	54	45.98	32.16	7.4	34.18	133	6	A	V

	*	2462	109.35	-	-	104.05	32.11	7.4	34.21	300	326	P	H
	*	2462	101.91	-	-	96.61	32.11	7.4	34.21	300	326	P	H
		2484.52	62.33	-11.67	74	56.95	32.16	7.4	34.18	300	326	P	H
		2484.08	52.1	-1.9	54	46.72	32.16	7.4	34.18	300	326	A	H
802.11n													H
HT20													H
CH 11	*	2462	108.85	-	-	103.55	32.11	7.4	34.21	240	352	P	V
2462MHz	*	2462	101.51	-	-	96.21	32.11	7.4	34.21	240	352	P	V
		2484.88	63.53	-10.47	74	58.15	32.16	7.4	34.18	240	352	P	V
		2483.52	53.08	-0.92	54	47.7	32.16	7.4	34.18	240	352	P	V
													V
													V

Remark

5. No other spurious found.
6. All results are PASS against Peak and Average limit line.

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4824	42.39	-31.61	74	55.55	34.2	11.68	59.04	100	0	P	H
													H
802.11n													H
HT20													H
CH 01		4824	45.22	-28.78	74	58.38	34.2	11.68	59.04	100	0	P	V
2412MHz													V
													V
													V
		4874	47.13	-26.87	74	60.31	34.23	11.53	58.94	100	0	P	H
		7311	56.85	-17.15	74	65.37	35.6	13.81	57.93	137	90	P	H
802.11n		7311	44.65	-9.35	54	53.17	35.6	13.81	57.93	137	90	A	H
HT20													H
CH 06		4874	53.5	-20.5	74	66.68	34.23	11.53	58.94	103	22	P	V
2437MHz		4874	43.89	-10.11	54	57.07	34.23	11.53	58.94	103	22	A	V
		7311	58.06	-15.94	74	66.58	35.6	13.81	57.93	100	49	P	V
		7311	47.07	-6.93	54	55.59	35.6	13.81	57.93	100	49	A	V
		4920	43.4	-30.6	74	56.61	34.26	11.37	58.84	100	0	P	H
		7386	46.75	-27.25	74	55.26	35.6	13.95	58.06	100	0	P	H
802.11n													H
HT20													H
CH 11		4932	47.5	-26.5	74	60.71	34.26	11.37	58.84	100	0	P	V
2462MHz		7386	44.13	-29.87	74	52.64	35.6	13.95	58.06	100	0	P	V
													V
													V

Remark

5. No other spurious found.
6. All results are PASS against Peak and Average limit line.

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g LF		30.27	28.2	-11.8	40	32.48	26	1.07	31.35			P	H
		241.41	39.96	-6.04	46	51.1	18.18	2.07	31.39			P	H
		249.78	41.09	-4.91	46	51.4	19	2.07	31.38	100	0	P	H
		324.5	30.86	-15.14	46	39.2	20.5	2.41	31.25			P	H
		429.5	38.46	-7.54	46	43.88	22.82	2.89	31.13			P	H
		964.3	34.57	-19.43	54	30.8	30.23	4.07	30.53			P	H
													H
													H
													H
													H
													H
													H
		30	28.34	-11.66	40	32.62	26	1.07	31.35			P	V
		243.3	35.58	-10.42	46	46.54	18.36	2.07	31.39			P	V
		253.02	36.04	-9.96	46	46.04	19.3	2.07	31.37			P	V
		319.6	31.73	-14.27	46	40.2	20.37	2.41	31.25			P	V
		432.3	42.49	-3.51	46	47.86	22.86	2.89	31.12	100	0	P	V
		892.2	34.03	-11.97	46	31.45	28.95	4.17	30.54			P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

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

1. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

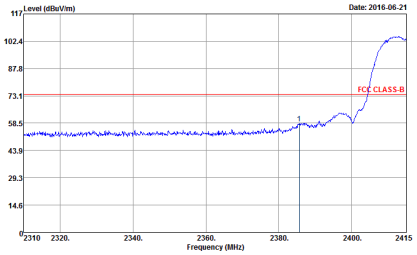
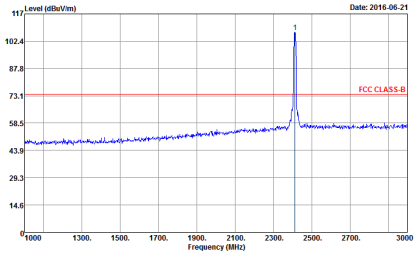
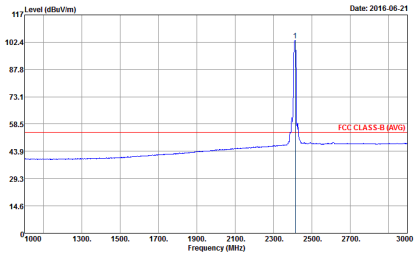
Both peak and average measured complies with the limit line, so test result is "PASS".

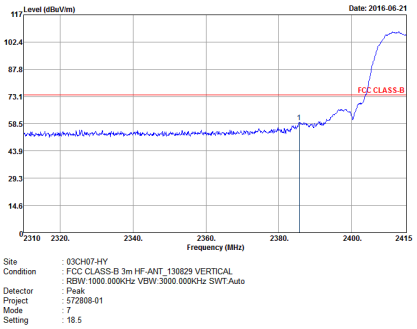
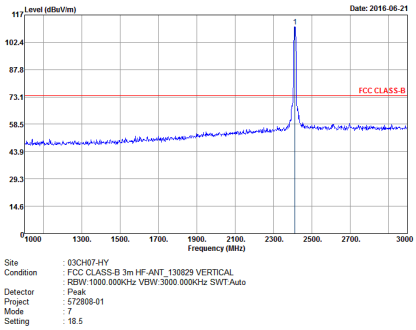
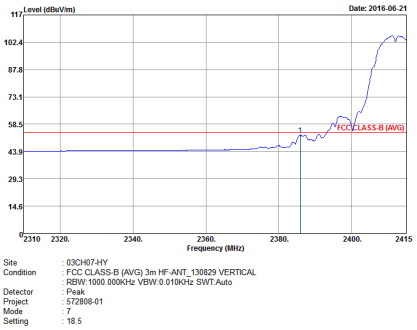
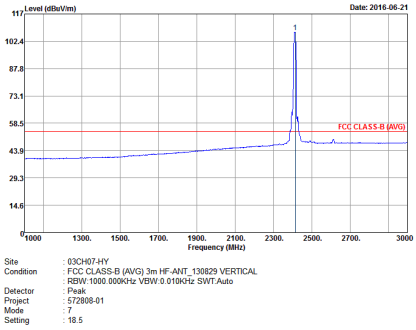
Appendix C. Radiated Spurious Emission Plots

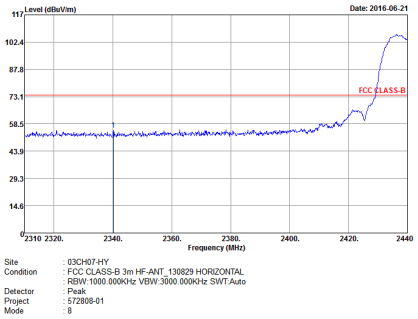
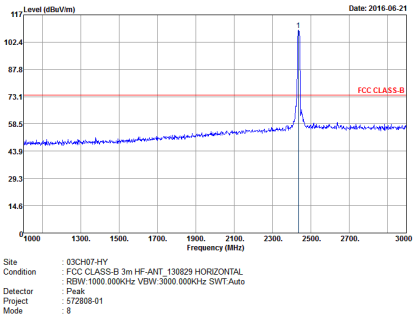
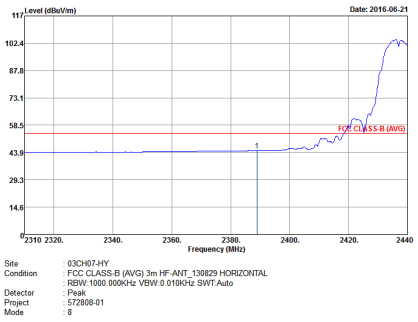
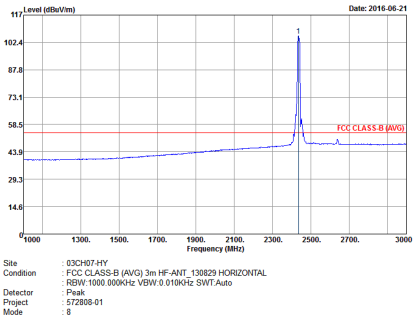
Test Engineer :	James Chiu and Jesse Wang and Luke Chang	**Temperature :**	21~24°C
		Relative Humidity :	50~54%

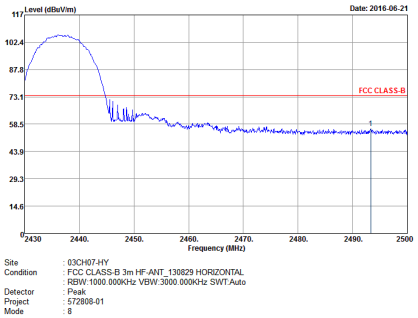
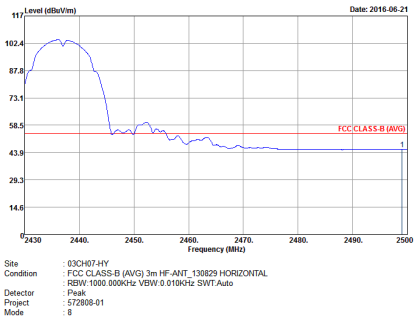
2.4GHz 2400~2483.5MHz

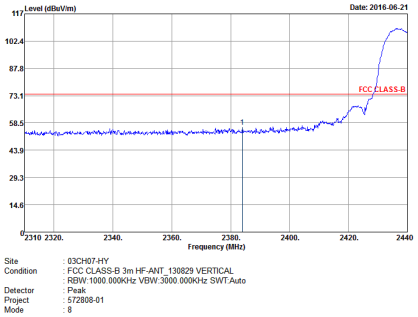
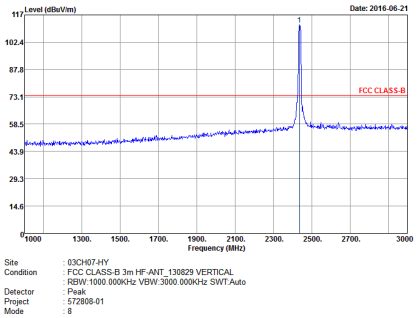
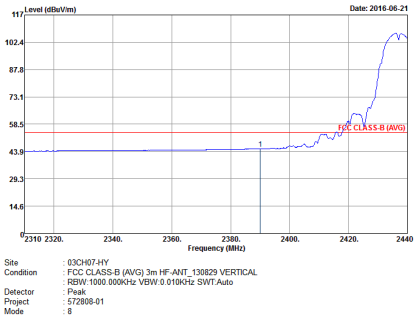
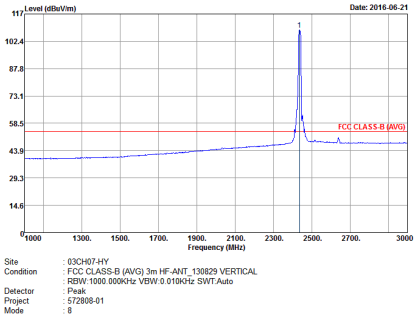
WIFI 802.11b (Band Edge and Fundamental @ 3m)

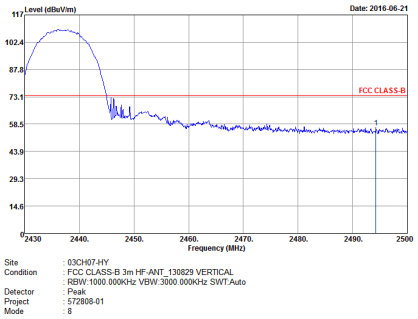
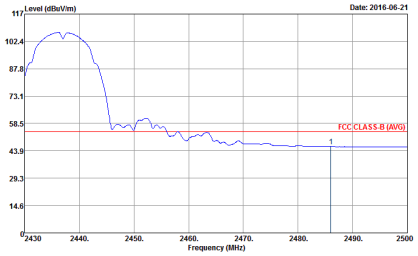
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 7 Setting : 18.5	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 7 Setting : 18.5
Avg.	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 7 Setting : 18.5	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 7 Setting : 18.5

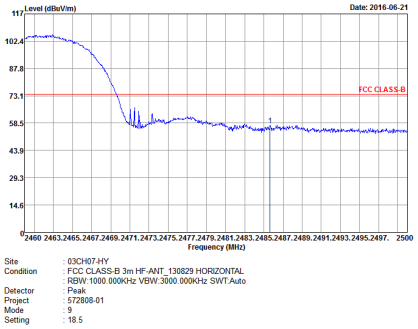
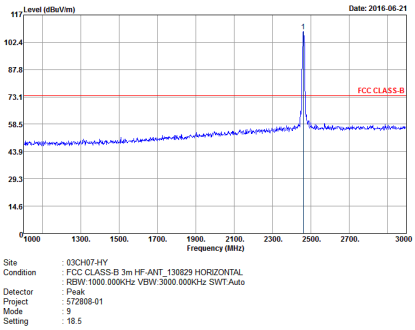
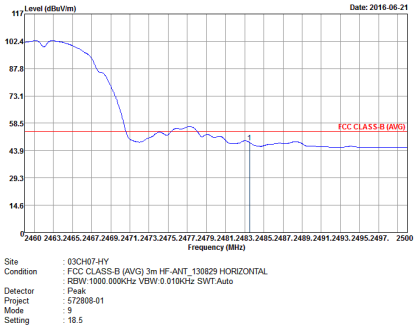
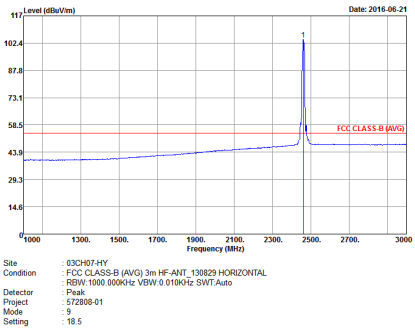
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 7 Setting : 18.5	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 7 Setting : 18.5
Avg.	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 7 Setting : 18.5	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 7 Setting : 18.5

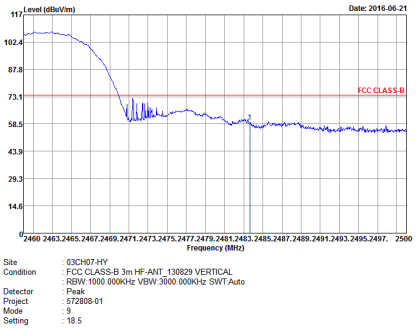
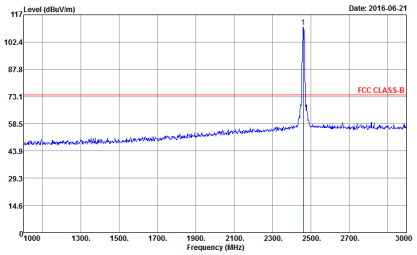
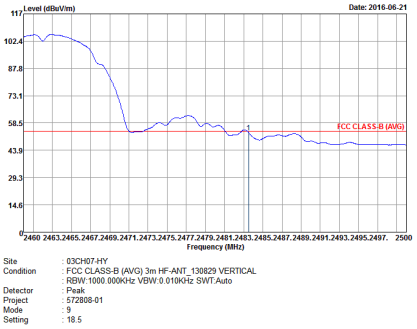
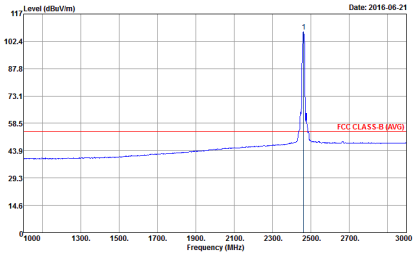
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

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

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

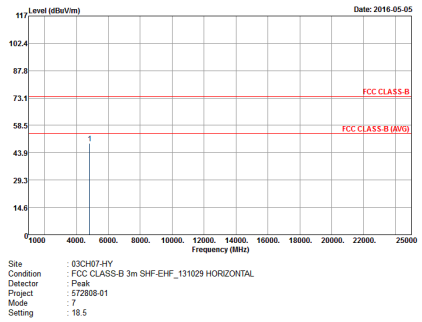
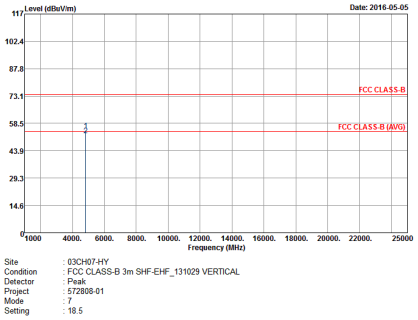
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	
Peak	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 8	
Avg.	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 8	

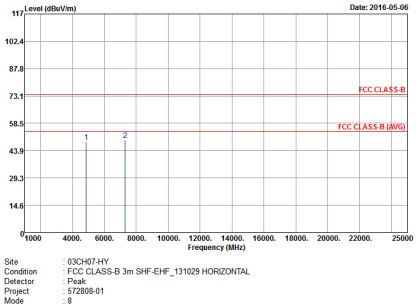
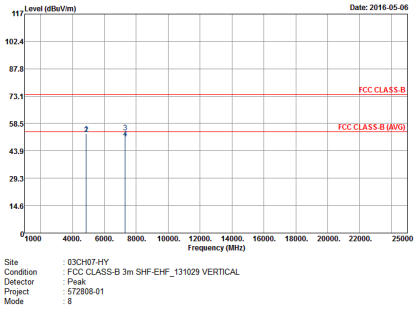
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

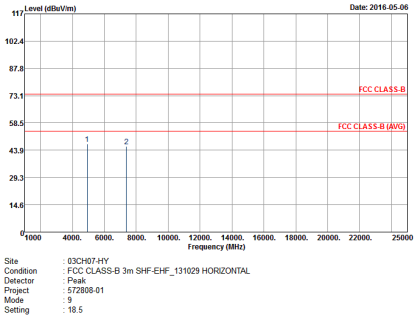
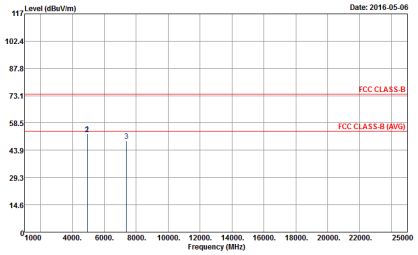
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 9 Setting : 18.5	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 9 Setting : 18.5
Avg.	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 9 Setting : 18.5	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 9 Setting : 18.5

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

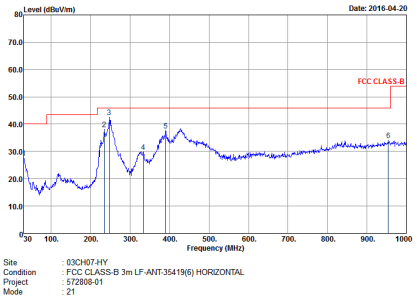
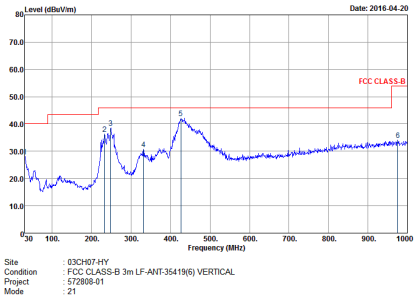
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.		

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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : FCC CLASS-B 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 572808-01 Mode : 9 Setting : 18.5	 Site : 03CH07-HY Condition : FCC CLASS-B 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 572808-01 Mode : 9 Setting : 18.5

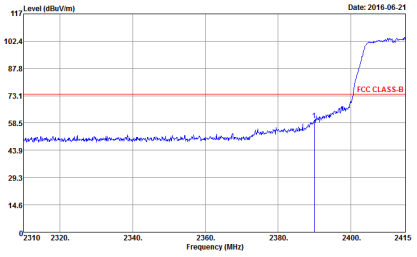
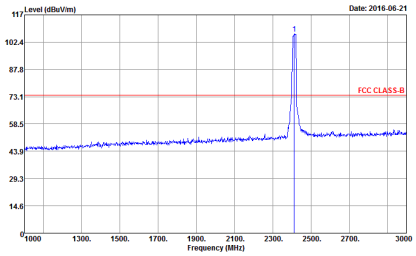
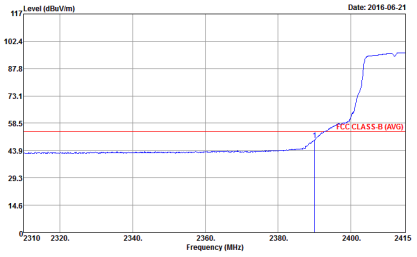
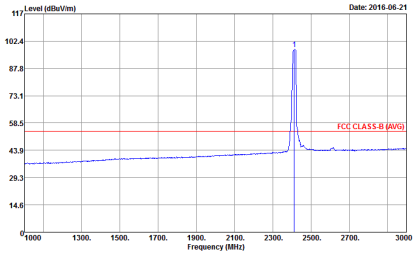
Emission below 1GHz

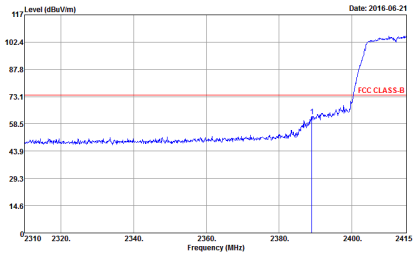
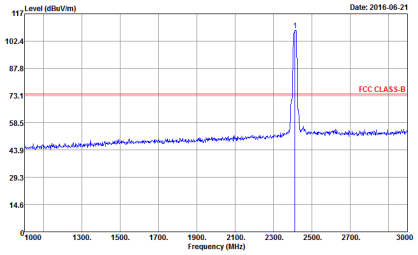
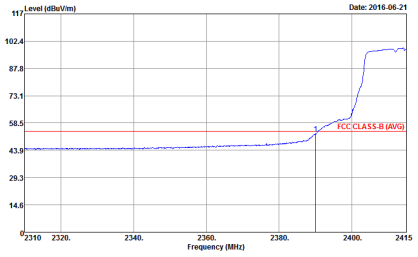
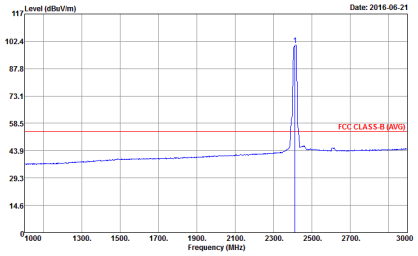
2.4GHz WIFI 802.11b (LF)

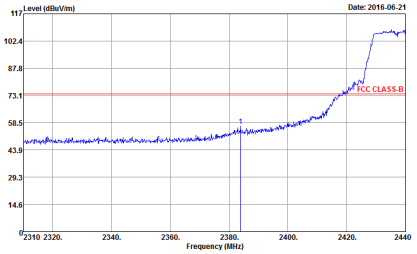
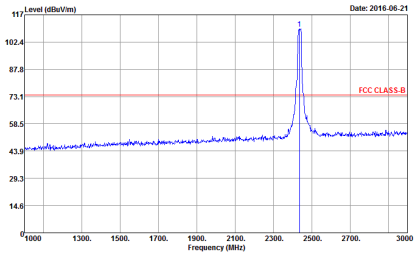
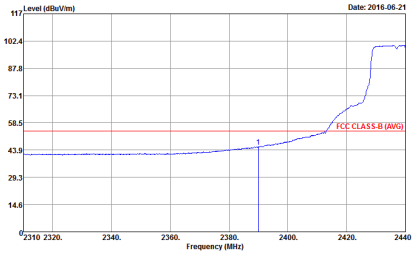
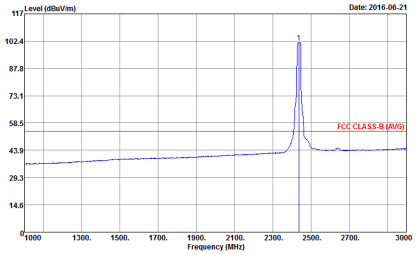
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11b LF	
1	Horizontal	Vertical
QP / Peak		

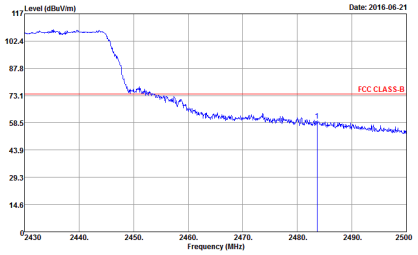
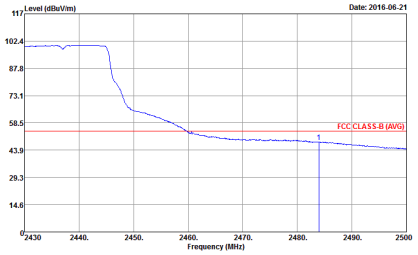
2.4GHz 2400~2483.5MHz

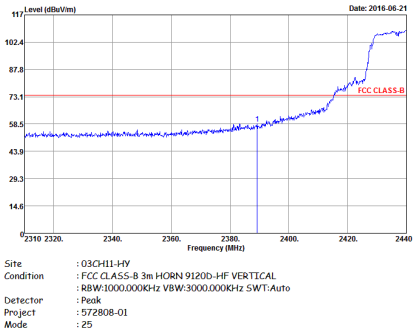
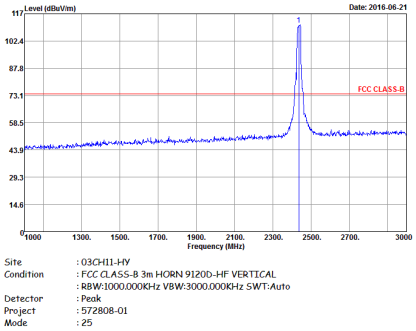
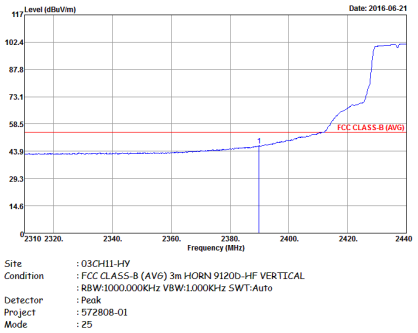
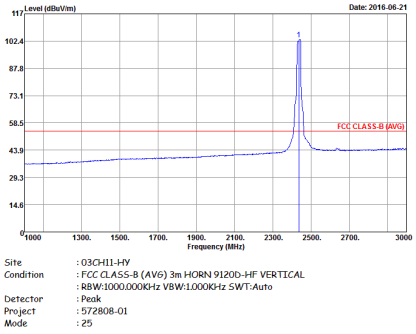
WIFI 802.11g (Band Edge @ 3m)

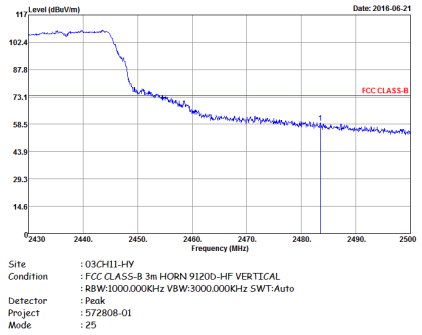
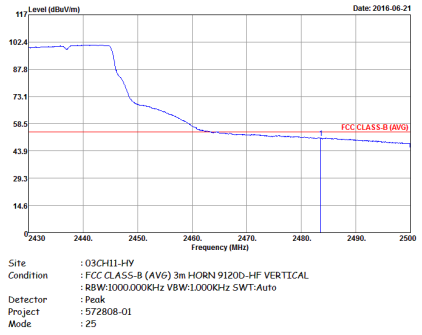
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 24 Power : 17	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 24 Power : 17
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 24 Power : 17	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 24 Power : 17

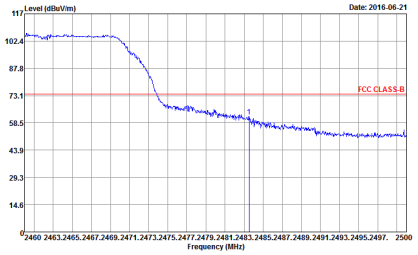
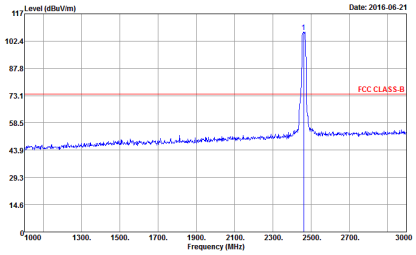
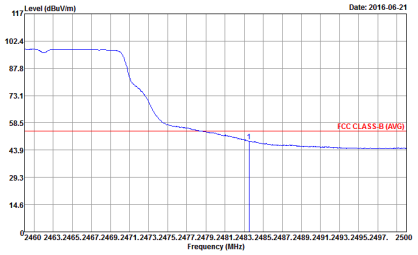
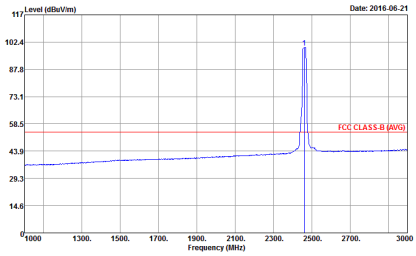
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 24 Power : 17	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 24 Power : 17
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 24 Power : 17	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 24 Power : 17

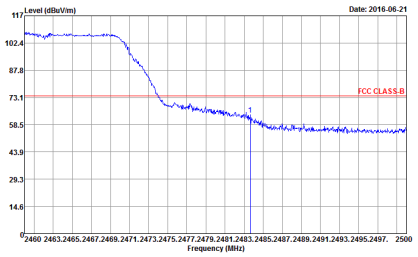
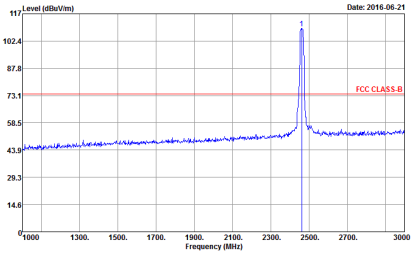
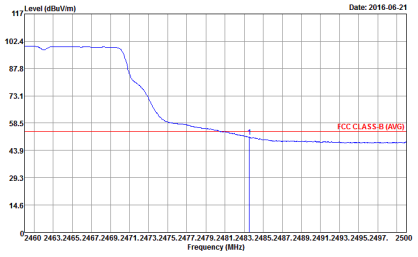
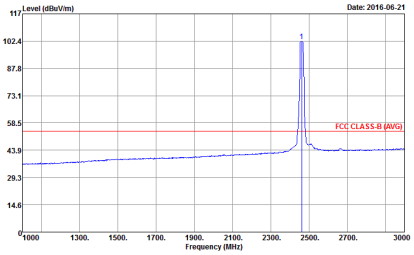
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25	
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25	

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25

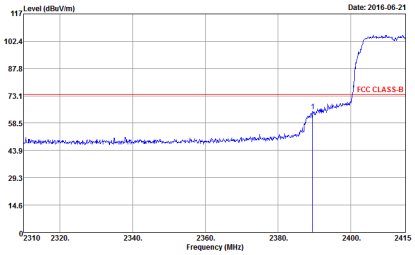
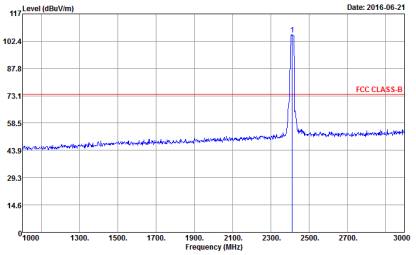
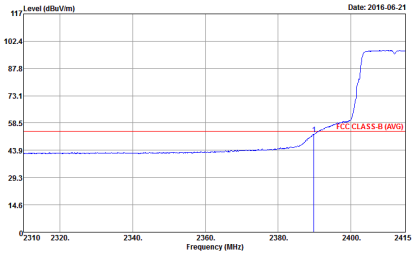
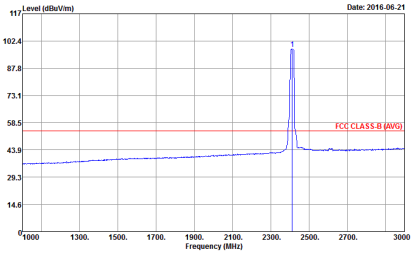
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	
Peak	 Site : 03CH11-HV Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25	
Avg.	 Site : 03CH11-HV Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 25	

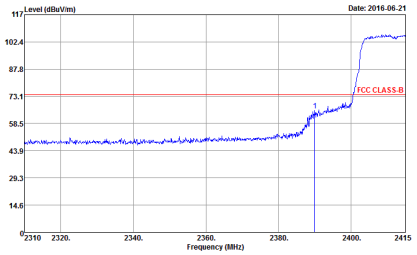
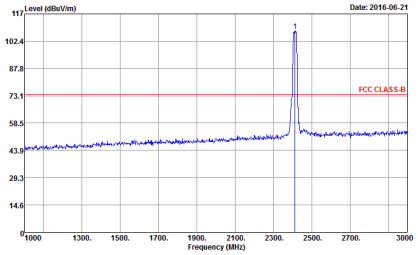
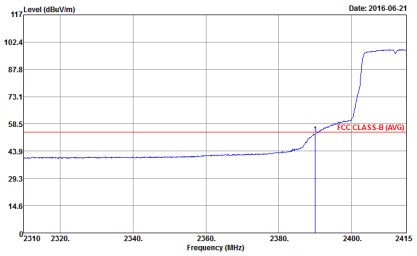
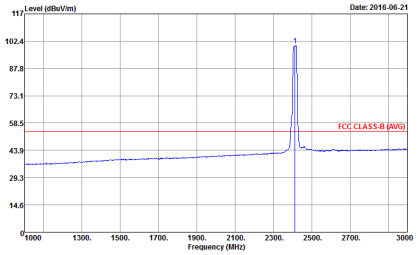
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5

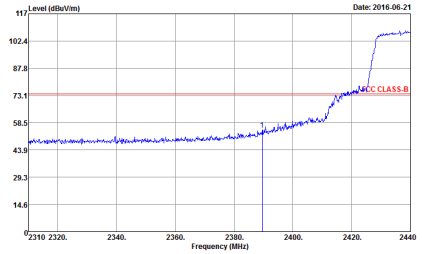
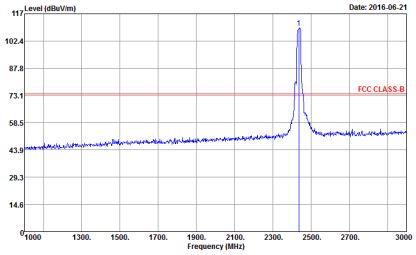
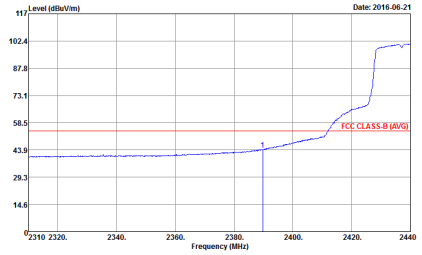
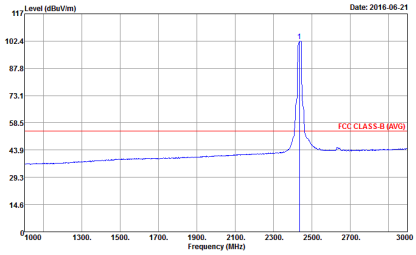
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5

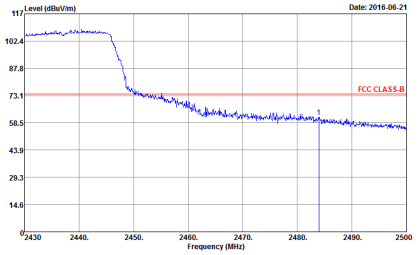
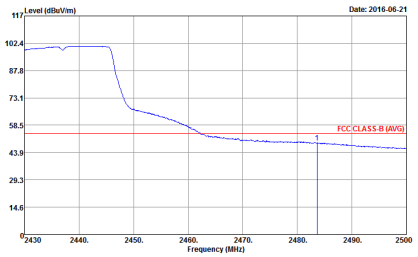
2.4GHz 2400~2483.5MHz

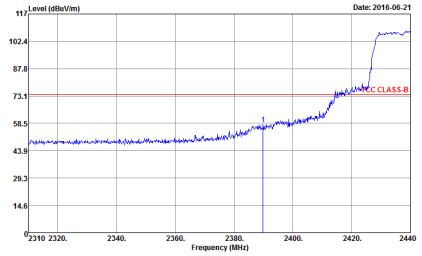
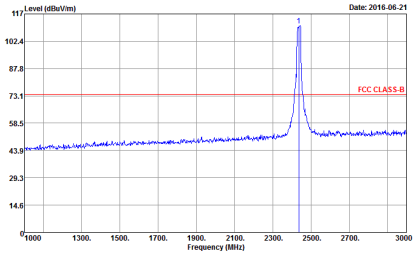
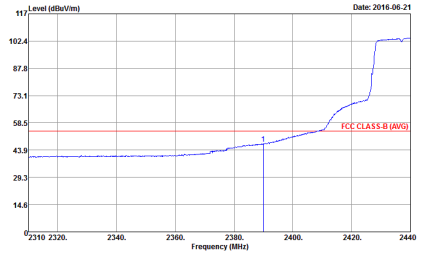
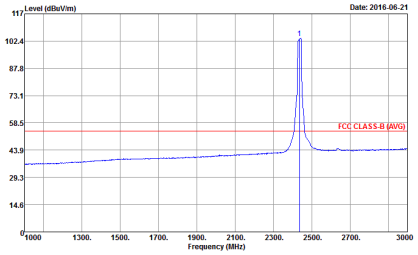
WIFI 802.11n HT20 (Band Edge @ 3m)

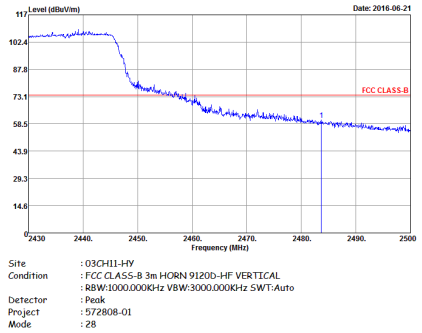
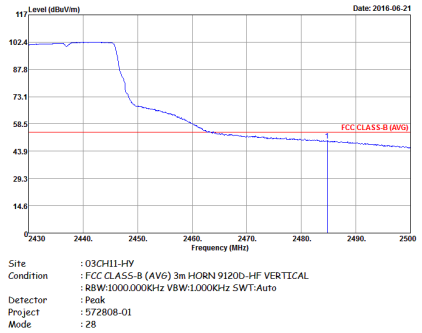
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 27 Power : 16.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 27 Power : 16.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 27 Power : 16.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 27 Power : 16.5

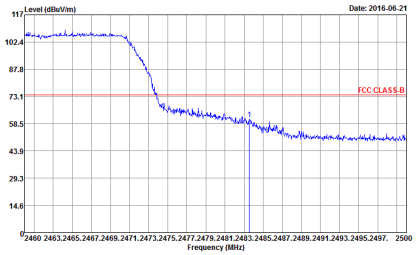
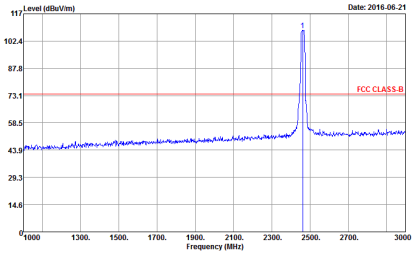
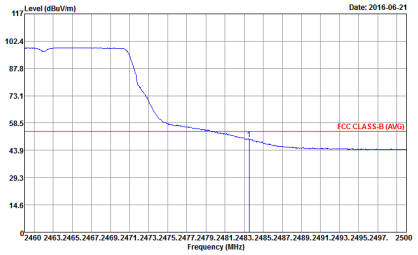
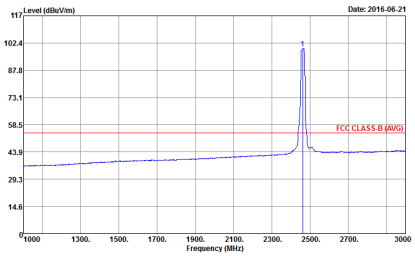
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 27 Power : 16.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 27 Power : 16.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 27 Power : 16.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 27 Power : 16.5

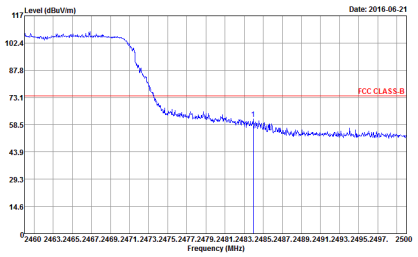
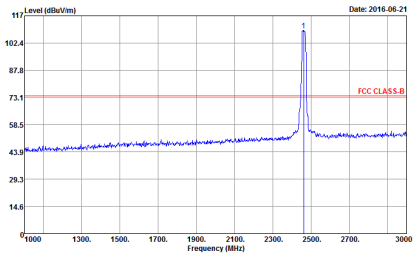
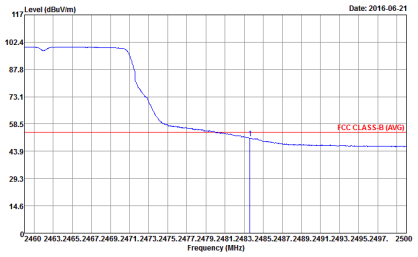
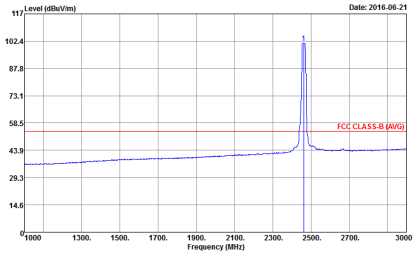
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Horizontal	
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28	
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28	

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28

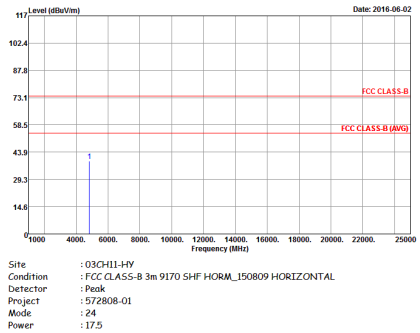
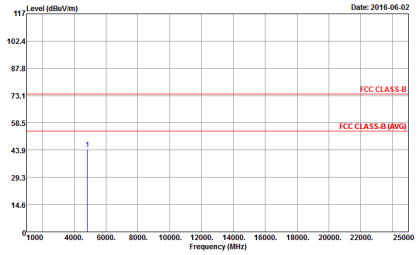
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Vertical	
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28	
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 28	

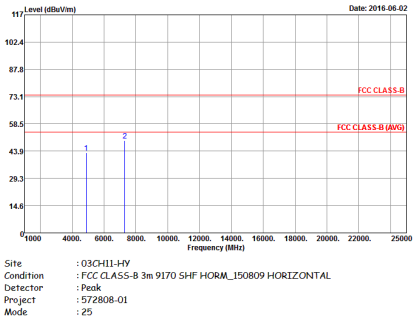
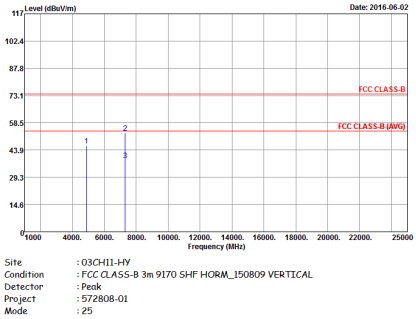
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5

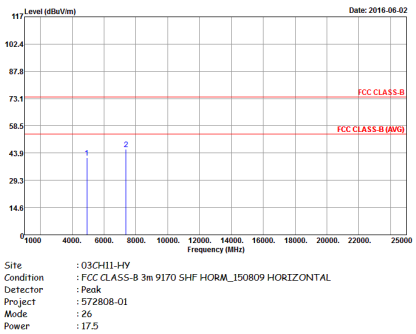
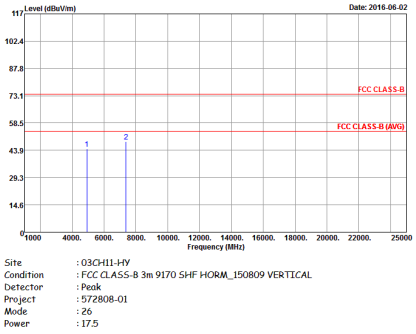
WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AV6) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

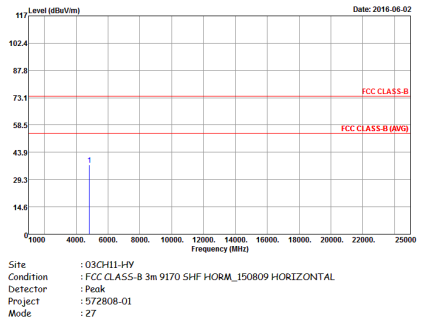
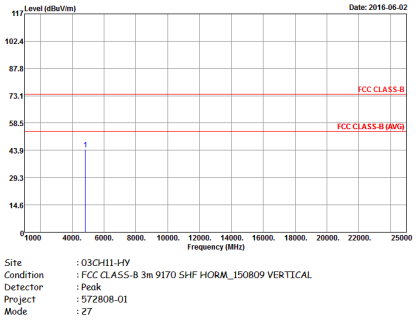
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 HORIZONTAL Detector : Peak Project : 572808-01 Mode : 24 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 VERTICAL Detector : Peak Project : 572808-01 Mode : 24 Power : 17.5

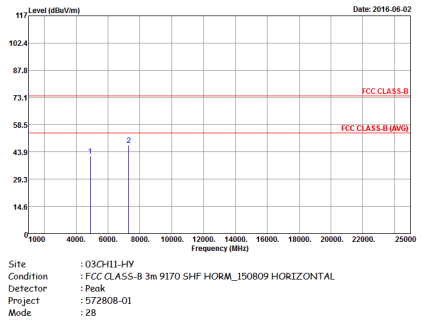
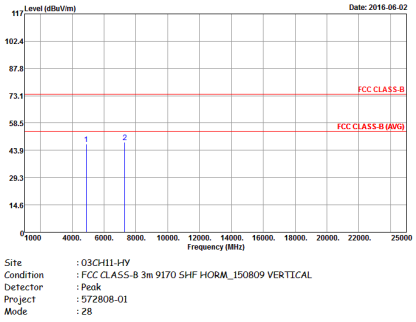
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 HORIZONTAL Detector : Peak Project : 572808-01 Mode : 25	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 VERTICAL Detector : Peak Project : 572808-01 Mode : 25

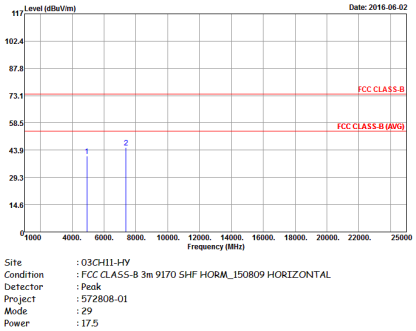
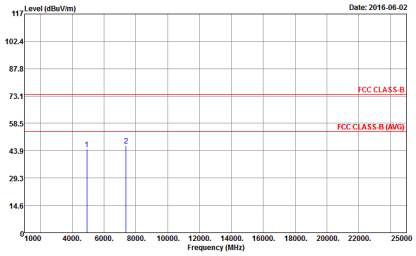
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 HORIZONTAL Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 VERTICAL Detector : Peak Project : 572808-01 Mode : 26 Power : 17.5

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

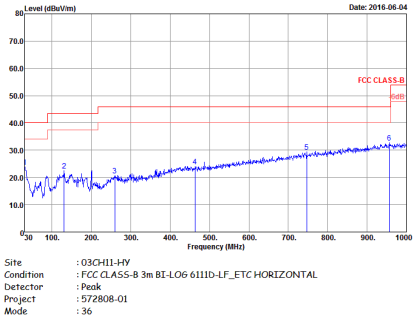
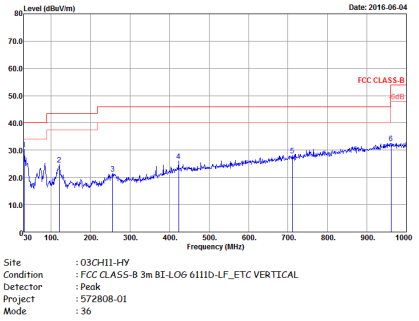
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 HORIZONTAL Detector : Peak Project : 572808-01 Mode : 28	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 VERTICAL Detector : Peak Project : 572808-01 Mode : 28

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 HORIZONTAL Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m 9170 SHF HORM_150809 VERTICAL Detector : Peak Project : 572808-01 Mode : 29 Power : 17.5

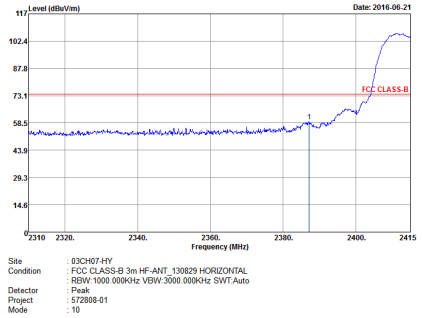
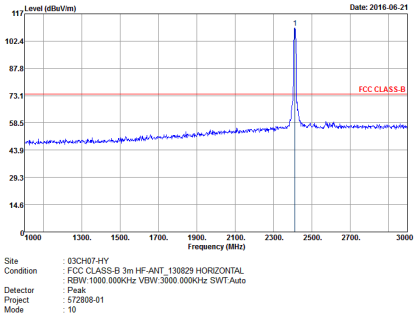
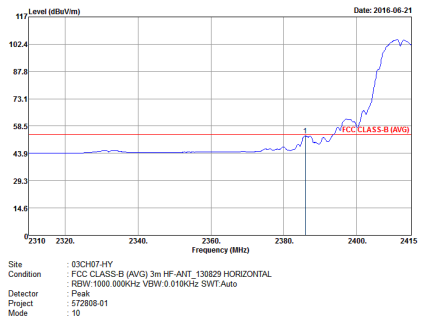
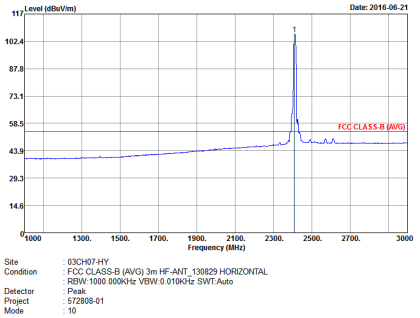
Emission below 1GHz

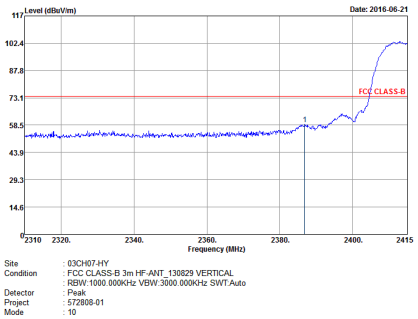
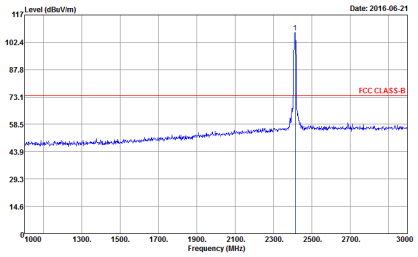
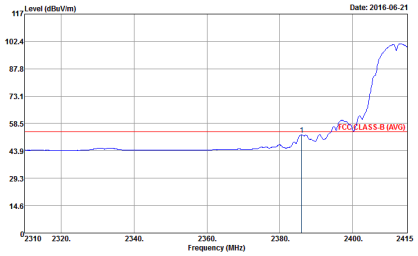
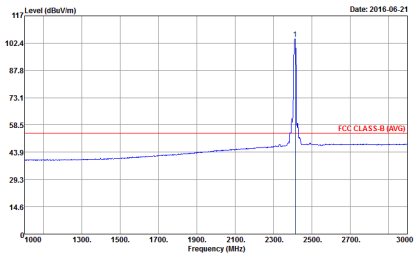
2.4GHz WIFI 802.11n HT20 (LF)

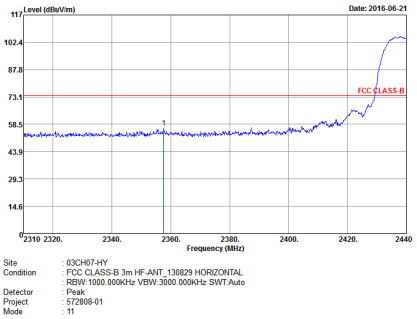
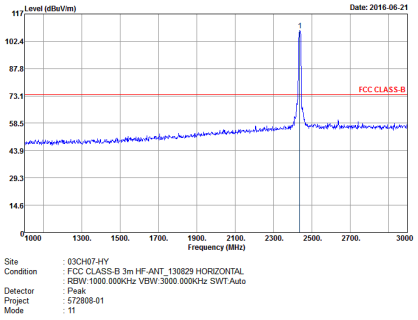
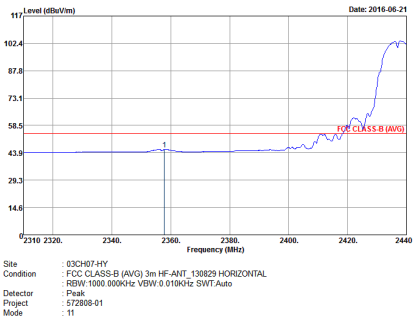
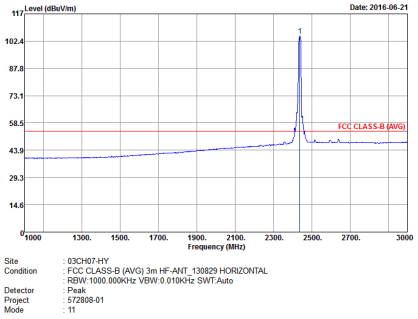
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak		

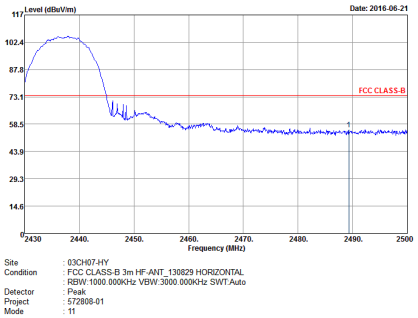
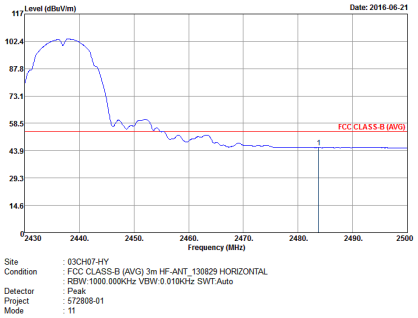
2.4GHz 2400~2483.5MHz

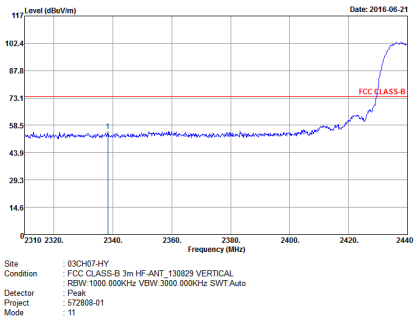
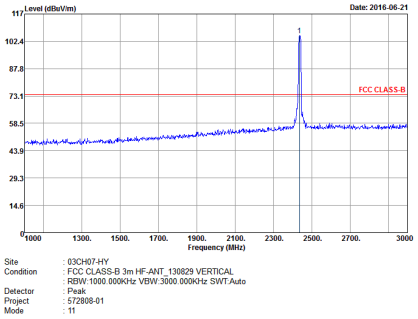
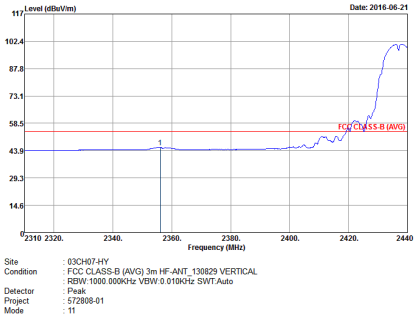
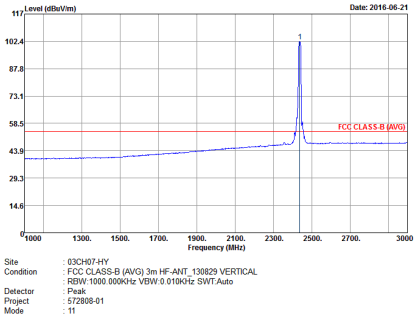
WIFI 802.11b (Band Edge and Fundamental @ 3m)

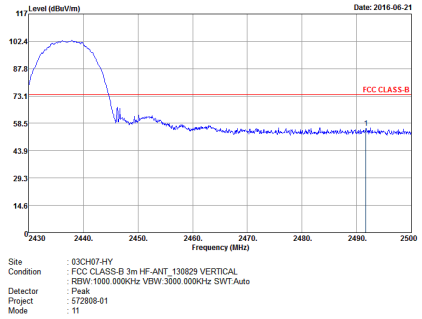
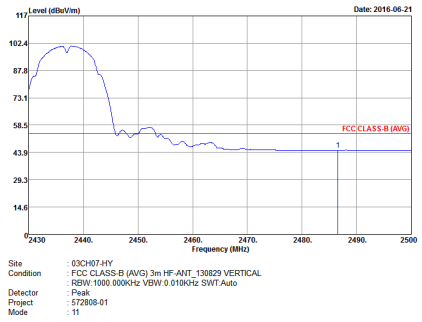
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

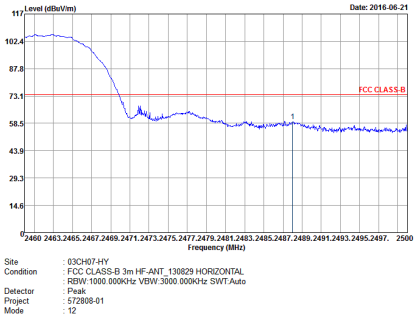
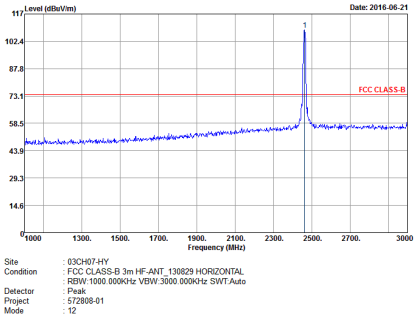
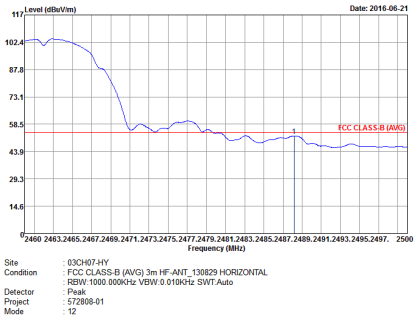
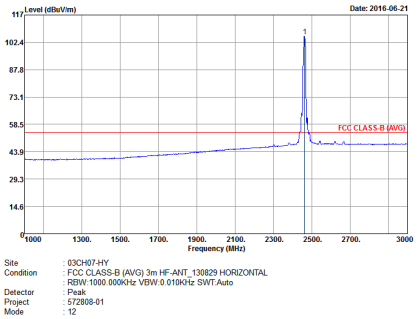
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 10	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 10
Avg.	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 10	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 10

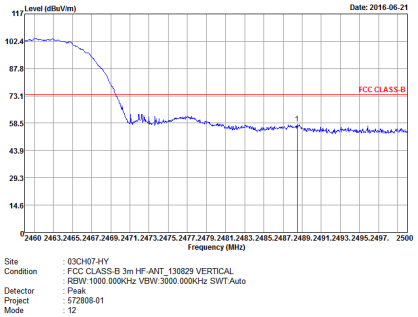
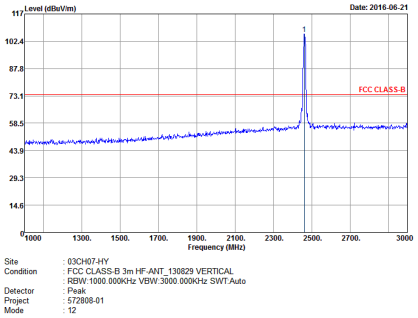
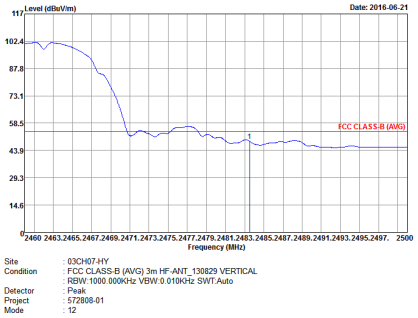
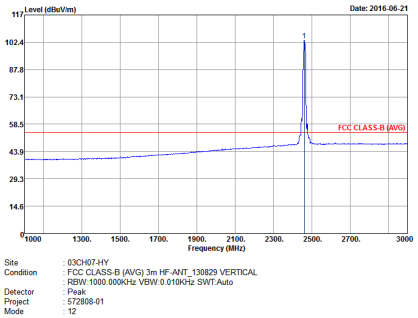
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 11	 Site : 03CH07-HY Condition : FCC CLASS-B 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 11
Avg.	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 11	 Site : 03CH07-HY Condition : FCC CLASS-B (AVG) 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 11

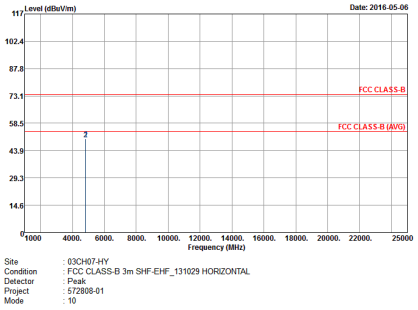
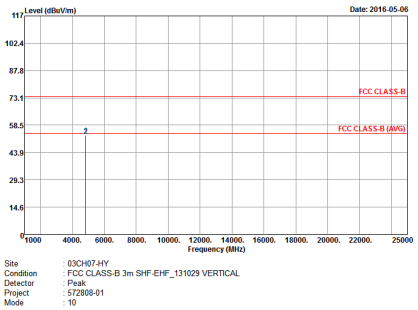
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	
Peak		
Avg.		

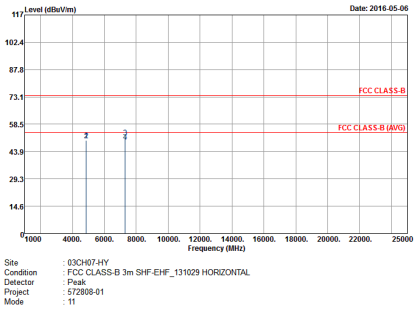
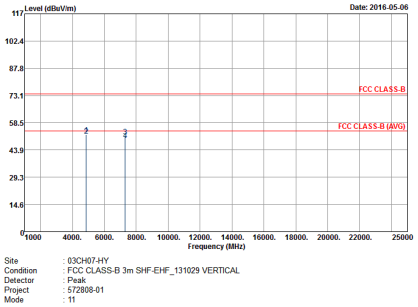
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

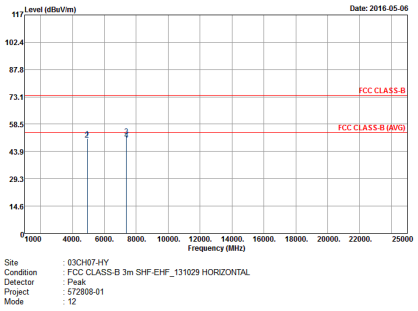
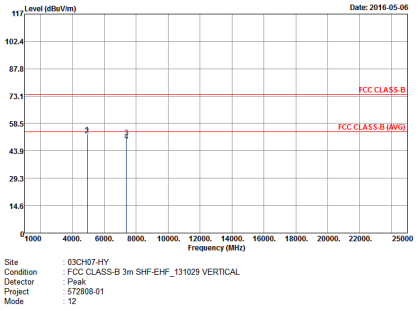
WIFI	2.4GHz 2400~2483.5MHz Band Edge and Fundamental @ 3m	
ANT	802.11b CH11 2462MHz	
2	Vertical	Fundamental
Peak		
Avg.		

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

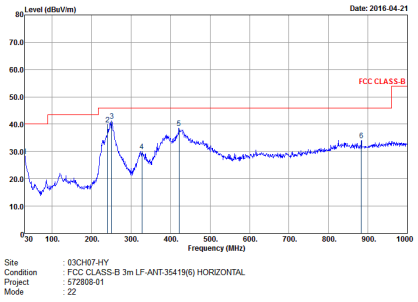
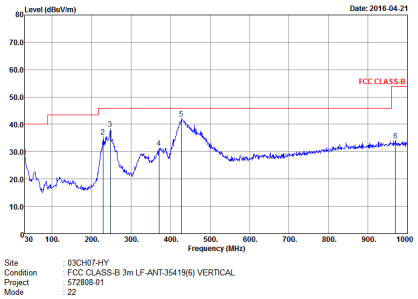
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.		

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

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

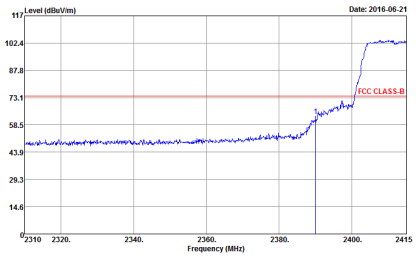
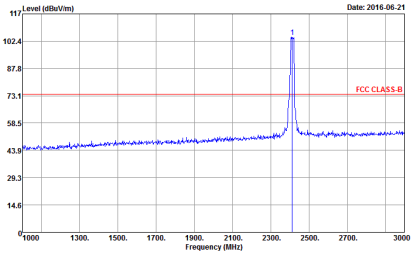
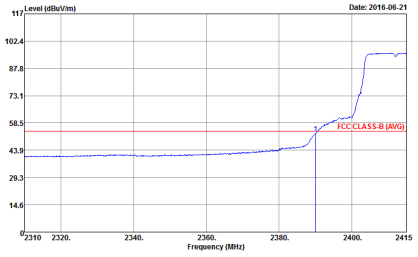
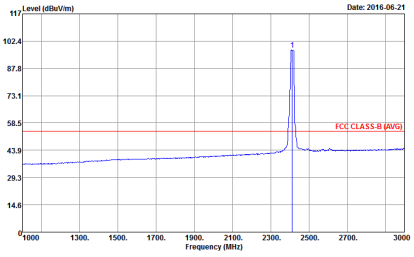
Emission below 1GHz

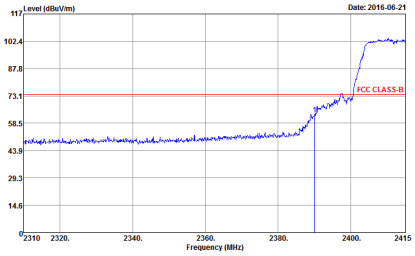
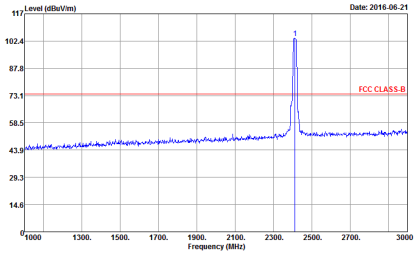
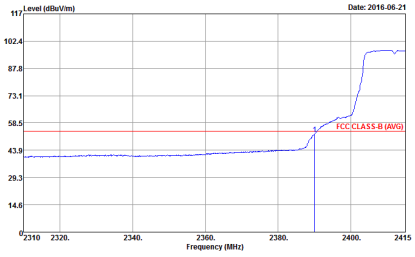
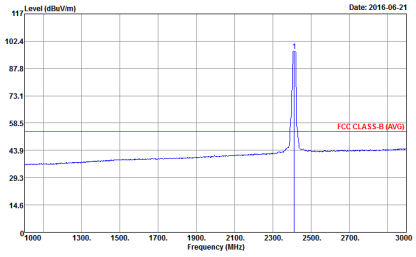
2.4GHz WIFI 802.11b (LF)

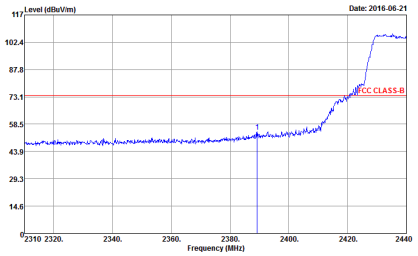
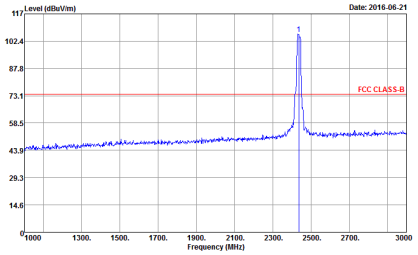
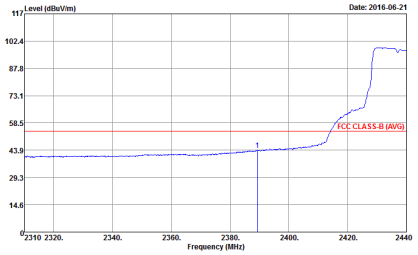
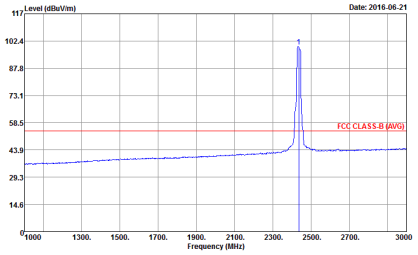
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11b LF	
2	Horizontal	Vertical
QP / Peak		

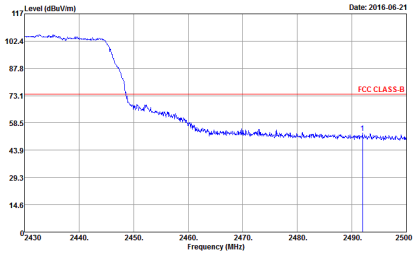
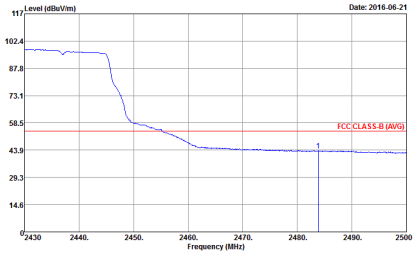
2.4GHz 2400~2483.5MHz

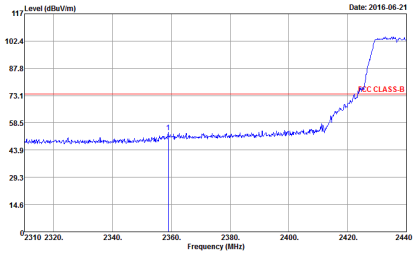
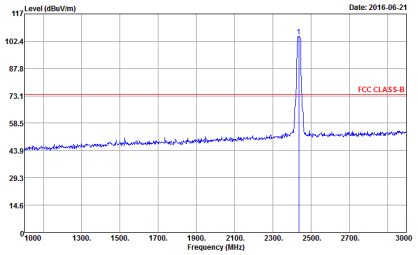
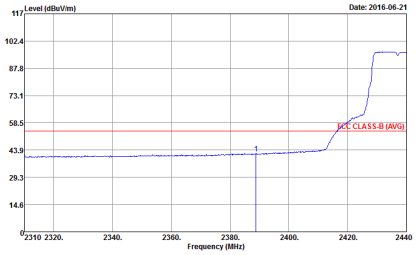
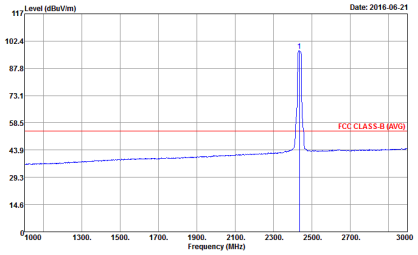
WIFI 802.11g (Band Edge @ 3m)

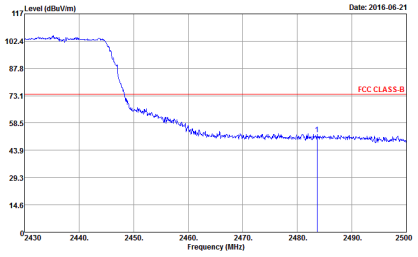
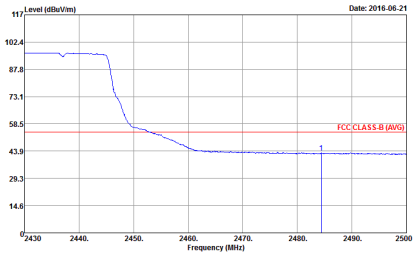
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 30 Power : 18.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 30 Power : 18.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 30 Power : 18.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 30 Power : 18.5

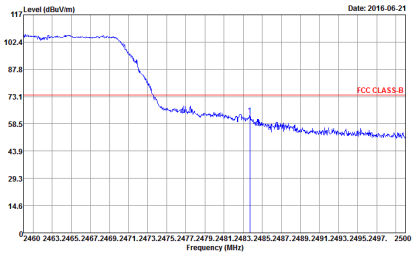
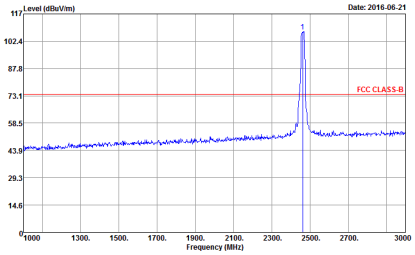
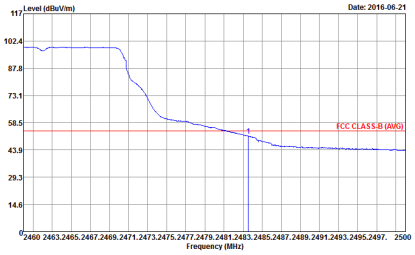
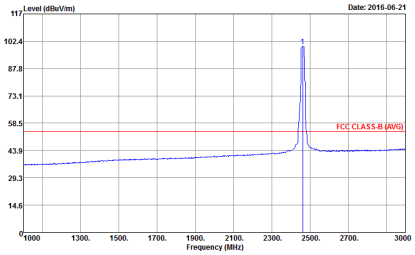
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 30 Power : 18.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 30 Power : 18.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 30 Power : 18.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 30 Power : 18.5

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31	
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31	

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	
Peak	 Site : 03CH11-HV Condition : FCC CLASS-B 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31	
Avg.	 Site : 03CH11-HV Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 31	

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 32 Power : 19.5	 Site : 03CH11-HY Condition : FCC CLASS-B 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 32 Power : 19.5
Avg.	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 32 Power : 19.5	 Site : 03CH11-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 572808-01 Mode : 32 Power : 19.5