

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

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

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

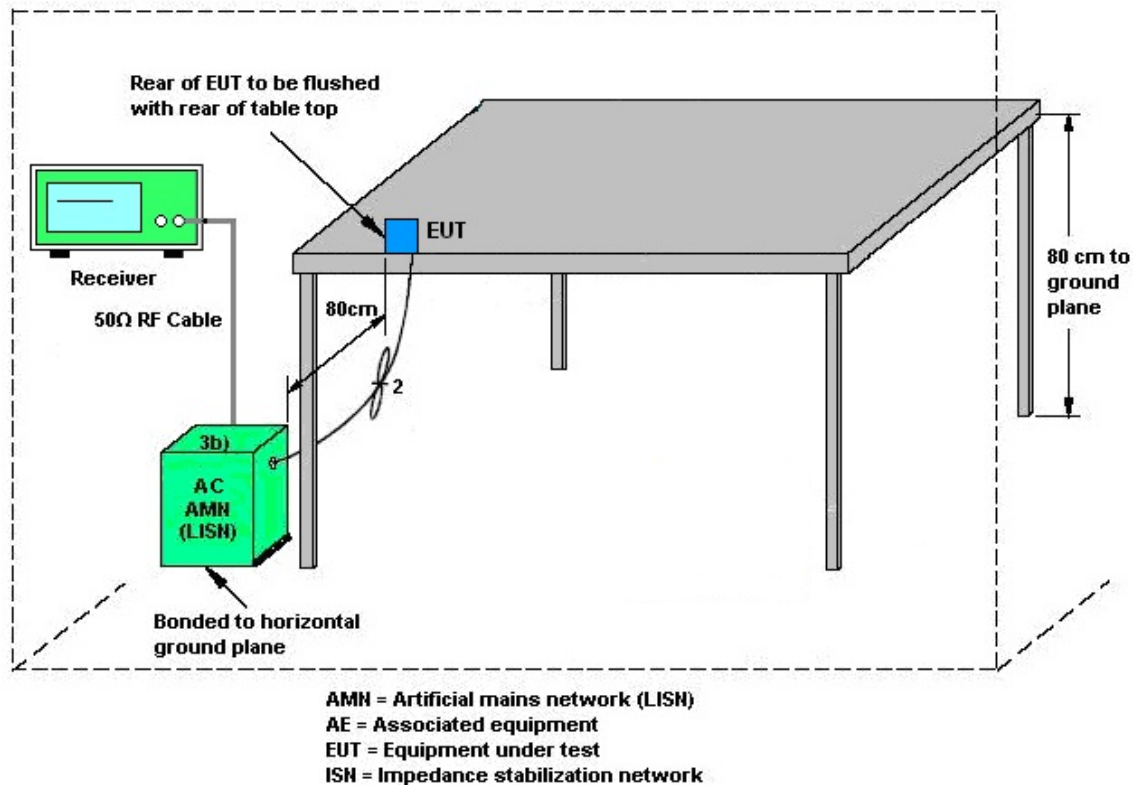
3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF bandwidth = 9kHz) with Maximum Hold Mode.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

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. The use of a permanently attached Antenna or of an Antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e., F)2)f)i).

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

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

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

<CDD Modes>						
			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 0 (dBi)	Ant. 1 (dBi)				
2.4 GHz	4.97	3.94	4.97	7.48	0.00	1.48

Power Limit Reduction = $DG(\text{Power}) - 6\text{dBi}$, (min = 0)

PSD Limit Reduction = $DG(\text{PSD}) - 6\text{dBi}$, (min = 0)



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 03, 2019	Sep. 17, 2020~ Oct. 15, 2020	Dec. 02, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	41912 & 05	30MHz~1GHz	Feb. 09, 2020	Sep. 17, 2020~ Oct. 15, 2020	Feb. 08, 2021	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-132 6	1GHz ~ 18GHz	Nov. 04, 2019	Sep. 17, 2020~ Oct. 15, 2020	Nov. 03, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jul. 14, 2020	Sep. 17, 2020~ Oct. 15, 2020	Jul. 13, 2021	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY532700 80	1GHz~26.5GHz	Nov. 13, 2019	Sep. 17, 2020~ Oct. 15, 2020	Nov. 12, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 86	10Hz ~ 44GHz	Oct. 28, 2019	Sep. 17, 2020~ Oct. 15, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 17, 2020~ Oct. 15, 2020	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1~4m	N/A	Sep. 17, 2020~ Oct. 15, 2020	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Sep. 17, 2020~ Oct. 15, 2020	N/A	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055007	1GHz~18GHz	Mar. 31, 2020	Sep. 17, 2020~ Oct. 15, 2020	Mar. 30, 2021	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 576	18GHz- 40GHz	May 22, 2020	Sep. 17, 2020~ Oct. 15, 2020	May 21, 2021	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 86	10Hz~44GHz	Oct. 28, 2019	Sep. 17, 2020~ Oct. 15, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-00105 3	N/A	N/A	Sep. 17, 2020~ Oct. 15, 2020	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz-30MHz	Mar. 12, 2020	Sep. 17, 2020~ Oct. 15, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 12, 2020	Sep. 17, 2020~ Oct. 15, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	30M-18G	Mar. 12, 2020	Sep. 17, 2020~ Oct. 15, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 12, 2020	Sep. 17, 2020~ Oct. 15, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1 530-8000-40S S	SN11	1.53GHz Low Pass Filter	Sep. 14, 2020	Sep. 17, 2020~ Oct. 15, 2020	Sep. 13, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-108 0-1200-15000 -60SS	SN2	1.2GHz High Pass Filter	Sep. 14, 2020	Sep. 17, 2020~ Oct. 15, 2020	Sep. 13, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-270 0-3000-18000 -60SS	SN3	3GHz High Pass Filter	Sep. 14, 2020	Sep. 17, 2020~ Oct. 15, 2020	Sep. 13, 2021	Radiation (03CH11-HY)
Hygrometer	TECEPEL	DTN-303B	TP140325	N/A	Nov. 07, 2019	Sep. 17, 2020~ Oct. 15, 2020	Nov. 06, 2020	Radiation (03CH11-HY)
Hygrometer	TECEPEL	DTN-303B	TP161237	N/A	Oct. 25, 2019	Sep. 17, 2020~ Oct. 15, 2020	Oct. 24, 2020	Radiation (03CH11-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Sep. 08, 2020~ Nov. 05, 2020	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	Sep. 08, 2020~ Nov. 05, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 15, 2019	Sep. 08, 2020~ Nov. 05, 2020	Nov. 14, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Dec. 30, 2019	Sep. 08, 2020~ Nov. 05, 2020	Dec. 29, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Sep. 08, 2020~ Nov. 05, 2020	Mar. 16, 2021	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Sep. 02, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Sep. 02, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 07, 2019	Sep. 02, 2020	Nov. 06, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Sep. 02, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 02, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Sep. 02, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Sep. 02, 2020	Jan. 01, 2021	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.4
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Shiming Liu	Temperature:	22.9~24	°C
Test Date:	2020/9/8~2020/11/5	Relative Humidity:	53.5~54.5	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant0	Ant1	Ant0	Ant1		
11b	1Mbps	2	1	2412	13.54	13.44	9.01	9.03	0.50	Pass
11b	1Mbps	2	6	2437	13.49	13.49	8.55	8.53	0.50	Pass
11b	1Mbps	2	11	2462	13.49	13.49	9.01	9.01	0.50	Pass
11b	1Mbps	2	12	2467	13.49	13.49	9.03	9.01	0.50	Pass
11b	1Mbps	2	13	2472	13.34	13.39	8.55	8.53	0.50	Pass
11g	6Mbps	2	1	2412	16.68	16.58	16.30	16.32	0.50	Pass
11g	6Mbps	2	6	2437	16.73	16.63	16.32	16.32	0.50	Pass
11g	6Mbps	2	11	2462	16.73	16.58	16.32	16.32	0.50	Pass
11g	6Mbps	2	12	2467	16.73	16.58	16.32	16.32	0.50	Pass
11g	6Mbps	2	13	2472	16.73	16.53	16.32	16.32	0.50	Pass
HT20	MCS0	2	1	2412	17.68	17.63	17.56	17.56	0.50	Pass
HT20	MCS0	2	6	2437	17.68	17.63	17.58	17.54	0.50	Pass
HT20	MCS0	2	11	2462	17.68	17.63	17.56	17.56	0.50	Pass
HT20	MCS0	2	12	2467	17.68	17.63	17.54	17.58	0.50	Pass
HT20	MCS0	2	13	2472	17.68	17.58	17.56	17.58	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant0	Ant1	SUM	Ant0	Ant1	Ant0	Ant1	Ant0	Ant1	Ant0	Ant1	
11b	1Mbps	2	1	2412	15.50	15.50	18.51	30.00		4.97		23.48		36.00		Pass
11b	1Mbps	2	6	2437	15.70	16.00	18.86	30.00		4.97		23.83		36.00		Pass
11b	1Mbps	2	11	2462	15.90	15.90	18.91	30.00		4.97		23.88		36.00		Pass
11b	1Mbps	2	12	2467	15.60	15.90	18.76	30.00		4.97		23.73		36.00		Pass
11b	1Mbps	2	13	2472	11.40	11.40	14.41	30.00		4.97		19.38		36.00		Pass
11g	6Mbps	2	1	2412	15.60	15.90	18.76	30.00		4.97		23.73		36.00		Pass
11g	6Mbps	2	6	2437	15.80	15.90	18.86	30.00		4.97		23.83		36.00		Pass
11g	6Mbps	2	11	2462	16.00	16.10	19.06	30.00		4.97		24.03		36.00		Pass
11g	6Mbps	2	12	2467	13.40	13.90	16.67	30.00		4.97		21.64		36.00		Pass
11g	6Mbps	2	13	2472	8.30	8.30	11.31	30.00		4.97		16.28		36.00		Pass
HT20	MCS0	2	1	2412	14.60	14.80	17.71	30.00		4.97		22.68		36.00		Pass
HT20	MCS0	2	6	2437	14.70	14.90	17.81	30.00		4.97		22.78		36.00		Pass
HT20	MCS0	2	11	2462	15.00	15.00	18.01	30.00		4.97		22.98		36.00		Pass
HT20	MCS0	2	12	2467	13.00	13.10	16.06	30.00		4.97		21.03		36.00		Pass
HT20	MCS0	2	13	2472	7.70	7.50	10.61	30.00		4.97		15.58		36.00		Pass

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant0	Ant1	Worse + 3.01	Ant0	Ant1	Ant0	Ant1	
11b	1Mbps	2	1	2412	-4.90	-5.02	-1.89	7.48		6.52		Pass
11b	1Mbps	2	6	2437	-4.55	-4.83	-1.54	7.48		6.52		Pass
11b	1Mbps	2	11	2462	-4.51	-4.62	-1.50	7.48		6.52		Pass
11b	1Mbps	2	12	2467	-5.29	-5.92	-2.28	7.48		6.52		Pass
11b	1Mbps	2	13	2472	-10.40	-11.01	-7.39	7.48		6.52		Pass
11g	6Mbps	2	1	2412	-7.35	-6.90	-3.89	7.48		6.52		Pass
11g	6Mbps	2	6	2437	-7.09	-6.74	-3.73	7.48		6.52		Pass
11g	6Mbps	2	11	2462	-6.95	-6.86	-3.85	7.48		6.52		Pass
11g	6Mbps	2	12	2467	-10.98	-10.99	-7.97	7.48		6.52		Pass
11g	6Mbps	2	13	2472	-15.90	-16.03	-12.89	7.48		6.52		Pass
HT20	MCS0	2	1	2412	-8.29	-8.09	-5.08	7.48		6.52		Pass
HT20	MCS0	2	6	2437	-8.30	-7.79	-4.78	7.48		6.52		Pass
HT20	MCS0	2	11	2462	-7.80	-8.18	-4.79	7.48		6.52		Pass
HT20	MCS0	2	12	2467	-10.99	-11.24	-7.98	7.48		6.52		Pass
HT20	MCS0	2	13	2472	-16.49	-16.91	-13.48	7.48		6.52		Pass

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



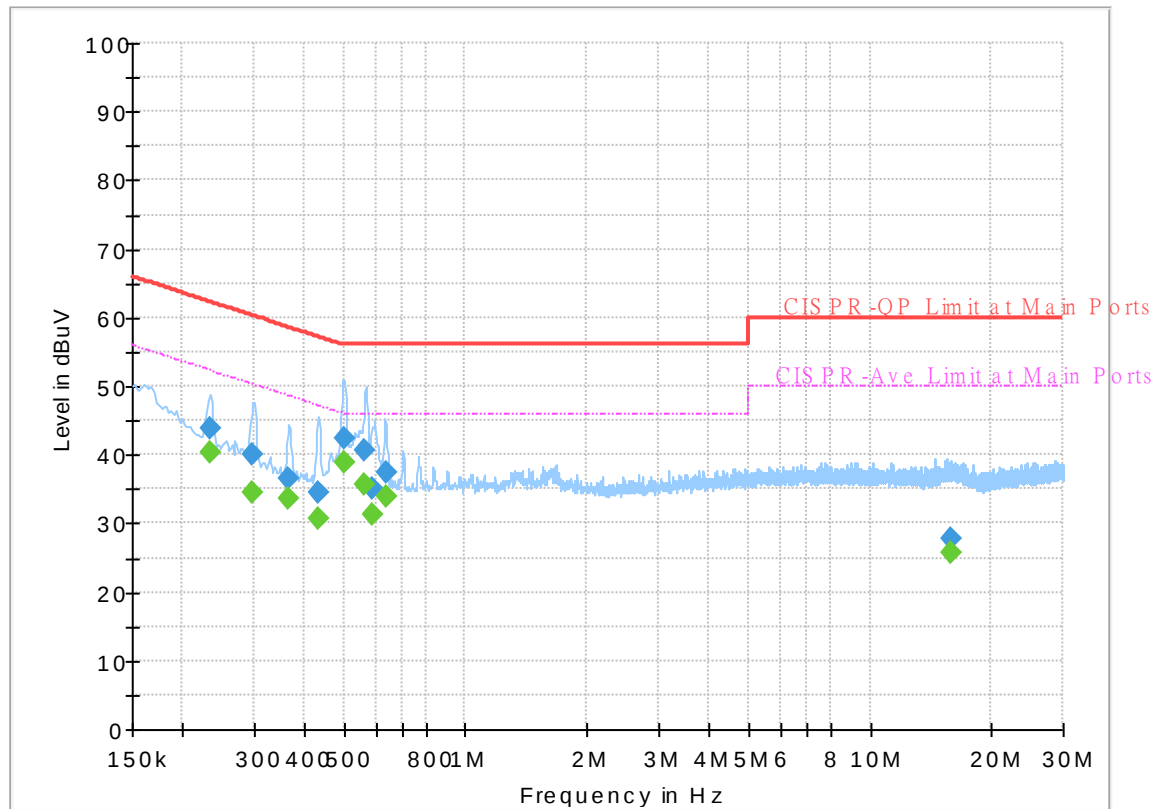
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	24~26℃
		Relative Humidity :	42~50%

EUT Information

Report NO : 040941-01
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



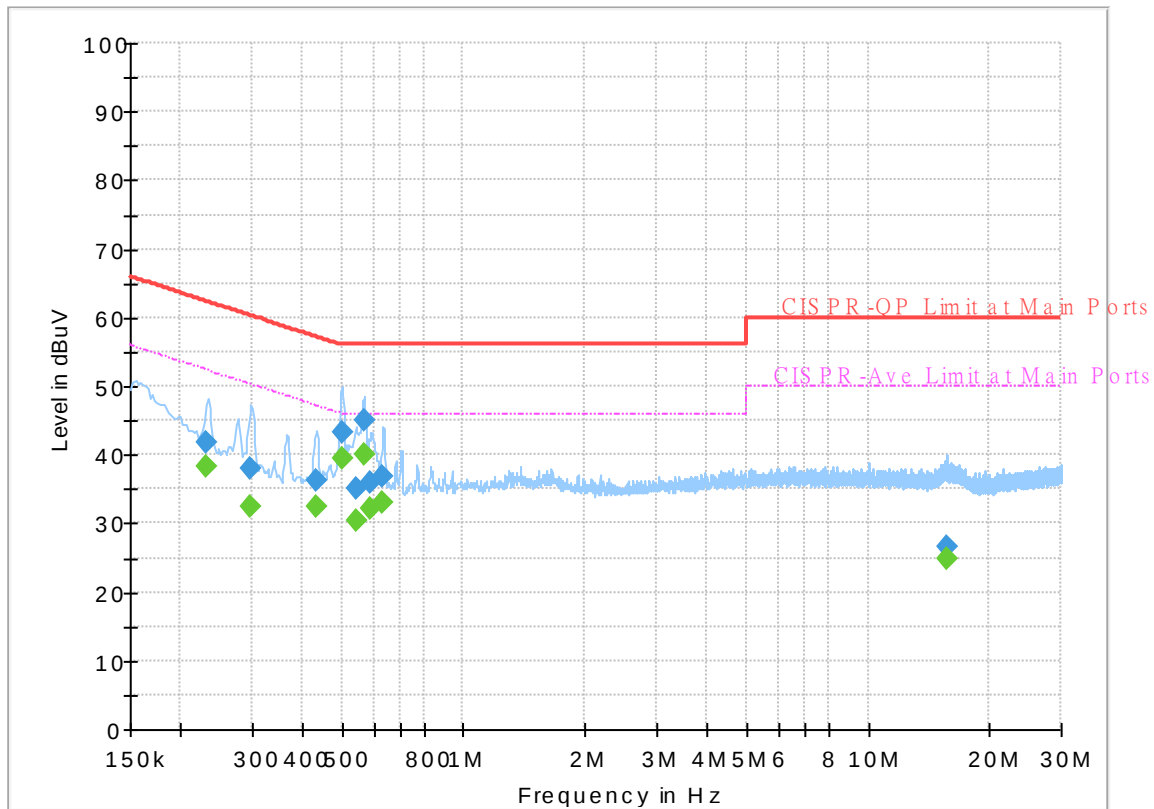
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.232800	---	40.33	52.35	12.02	L1	OFF	19.6
0.232800	43.84	---	62.35	18.51	L1	OFF	19.6
0.296250	---	34.38	50.35	15.97	L1	OFF	19.6
0.296250	39.98	---	60.35	20.37	L1	OFF	19.6
0.362760	---	33.59	48.67	15.08	L1	OFF	19.6
0.362760	36.50	---	58.67	22.17	L1	OFF	19.6
0.432150	---	30.63	47.21	16.58	L1	OFF	19.6
0.432150	34.46	---	57.21	22.75	L1	OFF	19.6
0.503250	---	38.88	46.00	7.12	L1	OFF	19.6
0.503250	42.46	---	56.00	13.54	L1	OFF	19.6
0.565440	---	35.73	46.00	10.27	L1	OFF	19.6
0.565440	40.69	---	56.00	15.31	L1	OFF	19.6
0.591270	---	31.34	46.00	14.66	L1	OFF	19.6
0.591270	35.17	---	56.00	20.83	L1	OFF	19.6
0.636000	---	33.85	46.00	12.15	L1	OFF	19.6
0.636000	37.36	---	56.00	18.64	L1	OFF	19.6
15.830340	---	25.65	50.00	24.35	L1	OFF	20.3
15.830340	27.67	---	60.00	32.33	L1	OFF	20.3

EUT Information

Report NO : 040941-01
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.232530	---	38.43	52.36	13.93	N	OFF	19.5
0.232530	41.94	---	62.36	20.42	N	OFF	19.5
0.298320	---	32.38	50.29	17.91	N	OFF	19.5
0.298320	37.98	---	60.29	22.31	N	OFF	19.5
0.433500	---	32.41	47.19	14.78	N	OFF	19.5
0.433500	36.17	---	57.19	21.02	N	OFF	19.5
0.499290	---	39.55	46.01	6.46	N	OFF	19.5
0.499290	43.41	---	56.01	12.60	N	OFF	19.5
0.541050	---	30.44	46.00	15.56	N	OFF	19.5
0.541050	35.00	---	56.00	21.00	N	OFF	19.5
0.566250	---	40.18	46.00	5.82	N	OFF	19.5
0.566250	44.91	---	56.00	11.09	N	OFF	19.5
0.590010	---	32.02	46.00	13.98	N	OFF	19.5
0.590010	35.98	---	56.00	20.02	N	OFF	19.5
0.632850	---	32.91	46.00	13.09	N	OFF	19.5
0.632850	36.76	---	56.00	19.24	N	OFF	19.5
15.594630	---	24.88	50.00	25.12	N	OFF	19.9
15.594630	26.72	---	60.00	33.28	N	OFF	19.9



Appendix C. Radiated Spurious Emission

Test Engineer :	Bill Chang, Fu Chen and Troye Hsieh	Temperature :	19.8~23.4°C
		Relative Humidity :	55.9~69.5%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2379.93	53.89	-20.11	74	42.98	27.54	16.61	33.24	303	153	P	H
		2390	44.73	-9.27	54	33.82	27.52	16.62	33.23	303	153	A	H
	*	2412	110.12	-	-	99.23	27.48	16.64	33.23	303	153	P	H
	*	2412	107.08	-	-	96.19	27.48	16.64	33.23	303	153	A	H
		2371.32	54.08	-19.92	74	43.16	27.56	16.6	33.24	317	51	P	V
		2390	44.42	-9.58	54	33.51	27.52	16.62	33.23	317	51	A	V
	*	2412	111.91	-	-	101.02	27.48	16.64	33.23	317	51	P	V
	*	2412	108.77	-	-	97.88	27.48	16.64	33.23	317	51	A	V
802.11b CH 06 2437MHz		2334.32	54.71	-19.29	74	43.77	27.63	16.56	33.25	279	360	P	H
		2382	43.66	-10.34	54	32.75	27.54	16.61	33.24	279	360	A	H
	*	2437	111.15	-	-	100.27	27.43	16.67	33.22	279	360	P	H
	*	2437	108.08	-	-	97.2	27.43	16.67	33.22	279	360	A	H
		2495.52	53.19	-20.81	74	42.44	27.22	16.74	33.21	279	360	P	H
		2488.16	42.3	-11.7	54	31.53	27.25	16.73	33.21	279	360	A	H
		2373.52	53.64	-20.36	74	42.73	27.55	16.6	33.24	312	72	P	V
		2382	43.08	-10.92	54	32.17	27.54	16.61	33.24	312	72	A	V
	*	2437	112.11	-	-	101.23	27.43	16.67	33.22	312	72	P	V
	*	2437	109.2	-	-	98.32	27.43	16.67	33.22	312	72	A	V
		2499.44	54	-20	74	43.27	27.2	16.74	33.21	312	72	P	V
		2491.92	43.59	-10.41	54	32.84	27.23	16.73	33.21	312	72	A	V



802.11b CH 11 2462MHz	*	2462	110.82	-	-	99.99	27.35	16.7	33.22	247	357	P	H
	*	2462	107.77	-	-	96.94	27.35	16.7	33.22	247	357	A	H
		2485.44	54.81	-19.19	74	44.04	27.26	16.72	33.21	247	357	P	H
		2495.04	43.72	-10.28	54	32.98	27.22	16.73	33.21	247	357	A	H
	*	2462	113.47	-	-	102.64	27.35	16.7	33.22	333	68	P	V
	*	2462	110.53	-	-	99.7	27.35	16.7	33.22	333	68	A	V
		2483.96	55.61	-18.39	74	44.84	27.26	16.72	33.21	333	68	P	V
		2495	44.84	-9.16	54	34.1	27.22	16.73	33.21	333	68	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 12 2467MHz	*	2467	109.88	-	-	99.07	27.33	16.7	33.22	282	240	P	H
	*	2467	106.76	-	-	95.95	27.33	16.7	33.22	282	240	A	H
		2484.08	59.69	-14.31	74	48.92	27.26	16.72	33.21	282	240	P	H
		2483.96	52.86	-1.14	54	42.09	27.26	16.72	33.21	282	240	A	H
	*	2467	107.38	-	-	96.57	27.33	16.7	33.22	164	208	P	V
	*	2467	104.46	-	-	93.65	27.33	16.7	33.22	164	208	A	V
		2483.64	55.09	-18.91	74	44.31	27.27	16.72	33.21	164	208	P	V
		2484.12	45.8	-8.2	54	35.03	27.26	16.72	33.21	164	208	A	V
802.11b CH 13 2472MHz	*	2472	105.37	-	-	94.57	27.31	16.71	33.22	269	241	P	H
	*	2472	102.27	-	-	91.47	27.31	16.71	33.22	269	241	A	H
		2487.48	58.56	-15.44	74	47.79	27.25	16.73	33.21	269	241	P	H
		2487.56	52.43	-1.57	54	41.66	27.25	16.73	33.21	269	241	A	H
	*	2472	102.85	-	-	92.05	27.31	16.71	33.22	167	216	P	V
	*	2472	99.91	-	-	89.11	27.31	16.71	33.22	167	216	A	V
		2487.44	55.3	-18.7	74	44.53	27.25	16.73	33.21	167	216	P	V
		2487.64	46.82	-7.18	54	36.05	27.25	16.73	33.21	167	216	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4830	46.82	-27.18	74	65.27	31	10.99	60.44	100	0	P	H
		17966	57.62	-16.38	74	43.74	46.45	24.22	56.79	100	0	P	H
		17966	46.63	-7.37	54	32.75	46.45	24.22	56.79	100	0	A	H
		4830	47.27	-26.73	74	65.72	31	10.99	60.44	100	0	P	V
		17949	57.51	-16.49	74	44.07	46.08	24.19	56.83	100	0	P	V
		17949	46.52	-7.48	54	33.08	46.08	24.19	56.83	100	0	A	V
802.11b CH 06 2437MHz		4874	47.67	-26.33	74	66.07	31	11	60.4	100	0	P	H
		7311	54.11	-19.89	74	63.33	36.5	13.39	59.11	400	12	P	H
		7311	49.89	-4.11	54	59.11	36.5	13.39	59.11	400	12	A	H
		17966	58.04	-15.96	74	44.16	46.45	24.22	56.79	112	343	P	H
		17966	49.1	-4.9	54	35.22	46.45	24.22	56.79	112	343	A	H
		4874	48.56	-25.44	74	66.96	31	11	60.4	100	0	P	V
		7311	54.47	-19.53	74	63.69	36.5	13.39	59.11	304	14	P	V
		7311	49.93	-4.07	54	59.15	36.5	13.39	59.11	304	14	A	V
		18000	57.97	-16.03	74	43.2	47.2	24.27	56.7	100	0	P	V
		18000	46.98	-7.02	54	32.21	47.2	24.27	56.7	100	0	A	V
802.11b CH 11 2462MHz		4924	47.88	-26.12	74	66.17	31.05	11.02	60.36	100	0	P	H
		7386	52.95	-21.05	74	62.39	36.36	13.27	59.07	100	6	P	H
		7386	48.79	-5.21	54	58.23	36.36	13.27	59.07	100	6	A	H
		17985	57.57	-16.43	74	43.19	46.87	24.25	56.74	100	0	P	H
		17985	46.58	-7.42	54	32.2	46.87	24.25	56.74	100	0	A	H
		4924	49.92	-24.08	74	68.21	31.05	11.02	60.36	100	0	P	V
		7386	52.97	-21.03	74	62.41	36.36	13.27	59.07	269	5	P	V
		7386	49.08	-4.92	54	58.52	36.36	13.27	59.07	269	5	A	V
		18000	56.98	-17.02	74	42.21	47.2	24.27	56.7	100	0	P	V
		18000	45.99	-8.01	54	31.22	47.2	24.27	56.7	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 12 2467MHz		4934	44.65	-29.35	74	60.82	31.07	11.03	58.27	100	0	P	H
		7401	47.99	-26.01	74	57.01	36.3	13.25	58.57	100	0	P	H
		18000	57.63	-16.37	74	42.67	47.2	24.27	56.51	100	0	P	H
		18000	46.64	-7.36	54	31.68	47.2	24.27	56.51	100	0	A	H
		4934	42.49	-31.51	74	58.66	31.07	11.03	58.27	100	0	P	V
		7401	47.88	-26.12	74	56.9	36.3	13.25	58.57	100	0	P	V
		17985	57.86	-16.14	74	43.3	46.87	24.25	56.56	100	0	P	V
		17985	46.87	-7.13	54	32.31	46.87	24.25	56.56	100	0	A	V
802.11b CH 13 2472MHz		4944	47.94	-26.06	74	64.08	31.09	11.04	58.27	100	0	P	H
		7416	49.82	-24.18	74	58.81	36.33	13.26	58.58	100	0	P	H
		17985	57.76	-16.24	74	43.2	46.87	24.25	56.56	100	0	P	H
		17985	46.78	-7.22	54	32.22	46.87	24.25	56.56	100	0	A	H
		4944	49.64	-24.36	74	65.78	31.09	11.04	58.27	100	0	P	V
		7416	49.51	-24.49	74	58.5	36.33	13.26	58.58	100	0	P	V
		18000	58.12	-15.88	74	43.16	47.2	24.27	56.51	100	0	P	V
		18000	47.13	-6.87	54	32.17	47.2	24.27	56.51	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		2388.645	63.65	-10.35	74	52.74	27.52	16.62	33.23	288	231	P	H
		2390	50.22	-3.78	54	39.31	27.52	16.62	33.23	288	231	A	H
	*	2412	113.27	-	-	102.38	27.48	16.64	33.23	288	231	P	H
	*	2412	105.85	-	-	94.96	27.48	16.64	33.23	288	231	A	H
		2389.695	61.28	-12.72	74	50.37	27.52	16.62	33.23	162	191	P	V
		2390	48.74	-5.26	54	37.83	27.52	16.62	33.23	162	191	A	V
	*	2412	108.87	-	-	97.98	27.48	16.64	33.23	162	191	P	V
	*	2410	101.18	-	-	90.29	27.48	16.64	33.23	162	191	A	V
802.11g CH 06 2437MHz		2384.56	55.52	-18.48	74	44.62	27.53	16.61	33.24	287	233	P	H
		2389.2	44.63	-9.37	54	33.72	27.52	16.62	33.23	287	233	A	H
	*	2437	114.03	-	-	103.15	27.43	16.67	33.22	287	233	P	H
	*	2437	106.29	-	-	95.41	27.43	16.67	33.22	287	233	A	H
		2485.12	56.52	-17.48	74	45.75	27.26	16.72	33.21	287	233	P	H
		2483.52	44.71	-9.29	54	33.93	27.27	16.72	33.21	287	233	A	H
		2387.44	55.27	-18.73	74	44.35	27.53	16.62	33.23	154	210	P	V
		2387.6	44.59	-9.41	54	33.68	27.52	16.62	33.23	154	210	A	V
	*	2437	110.84	-	-	99.96	27.43	16.67	33.22	154	210	P	V
	*	2437	103.31	-	-	92.43	27.43	16.67	33.22	154	210	A	V
		2485.92	54.91	-19.09	74	44.14	27.26	16.72	33.21	154	210	P	V
		2484.56	43.57	-10.43	54	32.8	27.26	16.72	33.21	154	210	A	V



802.11g CH 11 2462MHz	*	2462	114.21	-	-	103.38	27.35	16.7	33.22	283	238	P	H
	*	2462	106.95	-	-	96.12	27.35	16.7	33.22	283	238	A	H
		2483.72	64.53	-9.47	74	53.75	27.27	16.72	33.21	283	238	P	H
		2483.52	52.64	-1.36	54	41.86	27.27	16.72	33.21	283	238	A	H
	*	2462	110.71	-	-	99.88	27.35	16.7	33.22	159	206	P	V
	*	2462	103.59	-	-	92.76	27.35	16.7	33.22	159	206	A	V
		2483.56	61.42	-12.58	74	50.64	27.27	16.72	33.21	159	206	P	V
		2483.52	47.33	-6.67	54	36.55	27.27	16.72	33.21	159	206	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 12 2467MHz	*	2466	110.35	-	-	99.53	27.34	16.7	33.22	310	240	P	H
	*	2466	102.57	-	-	91.75	27.34	16.7	33.22	310	240	A	H
		2484.84	65.57	-8.43	74	54.8	27.26	16.72	33.21	310	240	P	H
		2484.92	52.46	-1.54	54	41.69	27.26	16.72	33.21	310	240	A	H
	*	2467	111.23	-	-	100.42	27.33	16.7	33.22	333	75	P	V
	*	2467	104.07	-	-	93.26	27.33	16.7	33.22	333	75	A	V
		2486.12	64.82	-9.18	74	54.05	27.26	16.72	33.21	333	75	P	V
		2485.92	52.72	-1.28	54	41.95	27.26	16.72	33.21	333	75	A	V
802.11g CH 13 2472MHz	*	2470	105.13	-	-	94.32	27.32	16.71	33.22	314	240	P	H
	*	2470	97.51	-	-	86.7	27.32	16.71	33.22	314	240	A	H
		2484.28	62.87	-11.13	74	52.1	27.26	16.72	33.21	314	240	P	H
		2484.12	52.05	-1.95	54	41.28	27.26	16.72	33.21	314	240	A	H
	*	2472	106.02	-	-	95.22	27.31	16.71	33.22	336	73	P	V
	*	2472	98.84	-	-	88.04	27.31	16.71	33.22	336	73	A	V
		2484.04	63.16	-10.84	74	52.39	27.26	16.72	33.21	336	73	P	V
		2484.2	53.11	-0.89	54	42.34	27.26	16.72	33.21	336	73	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	42.26	-31.74	74	58.56	31	10.98	58.28	100	0	P	H
		17985	58.13	-15.87	74	43.57	46.87	24.25	56.56	100	0	P	H
		17985	47.14	-6.86	54	32.58	46.87	24.25	56.56	100	0	A	H
		4824	44.16	-29.84	74	60.46	31	10.98	58.28	100	0	P	V
		17970	57.72	-16.28	74	43.57	46.54	24.22	56.61	100	0	P	V
		17970	46.72	-7.28	54	32.57	46.54	24.22	56.61	100	0	A	V
802.11g CH 06 2437MHz		4874	42.14	-31.86	74	58.41	31	11	58.27	100	0	P	H
		7311	48.51	-25.49	74	57.13	36.5	13.39	58.51	100	0	P	H
		17985	57.51	-16.49	74	42.95	46.87	24.25	56.56	100	0	P	H
		17985	46.52	-7.48	54	31.96	46.87	24.25	56.56	100	0	A	H
		4874	43.92	-30.08	74	60.19	31	11	58.27	100	0	P	V
		7311	49.08	-24.92	74	57.7	36.5	13.39	58.51	100	0	P	V
		18000	57.2	-16.8	74	42.24	47.2	24.27	56.51	100	0	P	V
		18000	46.21	-7.79	54	31.25	47.2	24.27	56.51	100	0	A	V
802.11g CH 11 2462MHz		4924	43.8	-30.2	74	60	31.05	11.02	58.27	100	0	P	H
		7386	48.99	-25.01	74	57.92	36.36	13.27	58.56	100	0	P	H
		18000	57.33	-16.67	74	42.37	47.2	24.27	56.51	100	0	P	H
		18000	46.34	-7.66	54	31.38	47.2	24.27	56.51	100	0	A	H
		4924	44.35	-29.65	74	60.55	31.05	11.02	58.27	100	0	P	V
		7386	49.51	-24.49	74	58.44	36.36	13.27	58.56	100	0	P	V
		18000	57.56	-16.44	74	42.6	47.2	24.27	56.51	100	0	P	V
		18000	46.58	-7.42	54	31.62	47.2	24.27	56.51	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 12 2467MHz		4934	41.04	-32.96	74	57.21	31.07	11.03	58.27	100	0	P	H
		7401	43.31	-30.69	74	52.33	36.3	13.25	58.57	100	0	P	H
		17955	57.95	-16.05	74	44.2	46.21	24.2	56.66	100	0	P	H
		17955	46.96	-7.04	54	33.21	46.21	24.2	56.66	100	0	A	H
		4934	41.22	-32.78	74	57.39	31.07	11.03	58.27	100	0	P	V
		7401	43.5	-30.5	74	52.52	36.3	13.25	58.57	100	0	P	V
		17985	57.71	-16.29	74	43.15	46.87	24.25	56.56	100	0	P	V
		17985	46.76	-7.24	54	32.2	46.87	24.25	56.56	100	0	A	V
802.11g CH 13 2472MHz		4944	40.53	-33.47	74	56.67	31.09	11.04	58.27	100	0	P	H
		7416	42.86	-31.14	74	51.85	36.33	13.26	58.58	100	0	P	H
		17985	57.74	-16.26	74	43.18	46.87	24.25	56.56	100	0	P	H
		17985	46.89	-7.11	54	32.33	46.87	24.25	56.56	100	0	A	H
		4944	41.84	-32.16	74	57.98	31.09	11.04	58.27	100	0	P	V
		7416	42.44	-31.56	74	51.43	36.33	13.26	58.58	100	0	P	V
		17970	58.17	-15.83	74	44.02	46.54	24.22	56.61	100	0	P	V
		17970	47.21	-6.79	54	33.06	46.54	24.22	56.61	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		2389.38	62.38	-11.62	74	51.47	27.52	16.62	33.23	269	239	P	H
		2388.855	49.52	-4.48	54	38.61	27.52	16.62	33.23	269	239	A	H
	*	2412	112.14	-	-	101.25	27.48	16.64	33.23	269	239	P	H
	*	2412	104.65	-	-	93.76	27.48	16.64	33.23	269	239	A	H
		2389.38	62.32	-11.68	74	51.41	27.52	16.62	33.23	372	30	P	V
		2390	49.44	-4.56	54	38.53	27.52	16.62	33.23	372	30	A	V
	*	2412	113.16	-	-	102.27	27.48	16.64	33.23	372	30	P	V
	*	2412	102.78	-	-	91.89	27.48	16.64	33.23	372	30	A	V
802.11n HT20 CH 06 2437MHz		2385.68	54.52	-19.48	74	43.61	27.53	16.62	33.24	298	193	P	H
		2390	43.82	-10.18	54	32.91	27.52	16.62	33.23	298	193	A	H
	*	2437	111.85	-	-	100.97	27.43	16.67	33.22	298	193	P	H
	*	2437	104.21	-	-	93.33	27.43	16.67	33.22	298	193	A	H
		2484.56	54.3	-19.7	74	43.53	27.26	16.72	33.21	298	193	P	H
		2484.32	43.78	-10.22	54	33.01	27.26	16.72	33.21	298	193	A	H
		2375.6	54.7	-19.3	74	43.78	27.55	16.61	33.24	387	74	P	V
		2390	43.77	-10.23	54	32.86	27.52	16.62	33.23	387	74	A	V
	*	2437	112.97	-	-	102.09	27.43	16.67	33.22	387	74	P	V
	*	2437	105.23	-	-	94.35	27.43	16.67	33.22	387	74	A	V
		2487.68	54.71	-19.29	74	43.94	27.25	16.73	33.21	387	74	P	V
		2483.52	44.29	-9.71	54	33.51	27.27	16.72	33.21	387	74	A	V



802.11n HT20 CH 11 2462MHz	*	2462	110.97	-	-	100.14	27.35	16.7	33.22	255	233	P	H
	*	2462	104.46	-	-	93.63	27.35	16.7	33.22	255	233	A	H
		2484.24	62.08	-11.92	74	51.31	27.26	16.72	33.21	255	233	P	H
		2483.52	49.92	-4.08	54	39.14	27.27	16.72	33.21	255	233	A	H
	*	2462	113.02	-	-	102.19	27.35	16.7	33.22	369	80	P	V
	*	2462	105.75	-	-	94.92	27.35	16.7	33.22	369	80	A	V
		2484.36	65.05	-8.95	74	54.28	27.26	16.72	33.21	369	80	P	V
		2483.52	52.36	-1.64	54	41.58	27.27	16.72	33.21	369	80	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 12 2467MHz	*	2467	108.97	-	-	98.16	27.33	16.7	33.22	252	235	P	H
	*	2467	101.21	-	-	90.4	27.33	16.7	33.22	252	235	A	H
		2483.84	63.05	-10.95	74	52.28	27.26	16.72	33.21	252	235	P	H
		2483.52	51.05	-2.95	54	40.27	27.27	16.72	33.21	252	235	A	H
	*	2467	109.75	-	-	98.94	27.33	16.7	33.22	260	81	P	V
	*	2467	102.37	-	-	91.56	27.33	16.7	33.22	260	81	A	V
		2483.68	63.84	-10.16	74	53.06	27.27	16.72	33.21	260	81	P	V
		2483.52	52.48	-1.52	54	41.7	27.27	16.72	33.21	260	81	A	V
802.11n HT20 CH 13 2472MHz	*	2472	103.72	-	-	92.92	27.31	16.71	33.22	253	235	P	H
	*	2472	96.11	-	-	85.31	27.31	16.71	33.22	253	235	A	H
		2483.64	61	-13	74	50.22	27.27	16.72	33.21	253	235	P	H
		2483.52	52.16	-1.84	54	41.38	27.27	16.72	33.21	253	235	A	H
	*	2472	104.48	-	-	93.68	27.31	16.71	33.22	335	67	P	V
	*	2472	97.08	-	-	86.28	27.31	16.71	33.22	335	67	A	V
		2483.76	61.85	-12.15	74	51.08	27.26	16.72	33.21	335	67	P	V
		2483.52	53.28	-0.72	54	42.5	27.27	16.72	33.21	335	67	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		4824	41.83	-32.17	74	58.13	31	10.98	58.28	100	0	P	H
		17985	57.97	-16.03	74	43.41	46.87	24.25	56.56	100	0	P	H
		17985	47.01	-6.99	54	32.45	46.87	24.25	56.56	100	0	A	H
		4824	43.3	-30.7	74	59.6	31	10.98	58.28	100	0	P	V
		18000	58.4	-15.6	74	43.44	47.2	24.27	56.51	100	0	P	V
		18000	47.41	-6.59	54	32.45	47.2	24.27	56.51	100	0	A	V
802.11n HT20 CH 06 2437MHz		4874	41.95	-32.05	74	58.22	31	11	58.27	100	0	P	H
		7311	46.62	-27.38	74	55.24	36.5	13.39	58.51	100	0	P	H
		18000	58.19	-15.81	74	43.23	47.2	24.27	56.51	100	0	P	H
		18000	47.25	-6.75	54	32.29	47.2	24.27	56.51	100	0	A	H
		4874	42.15	-31.85	74	58.42	31	11	58.27	100	0	P	V
		7311	45.41	-28.59	74	54.03	36.5	13.39	58.51	100	0	P	V
		17985	58.47	-15.53	74	43.91	46.87	24.25	56.56	100	0	P	V
		17985	47.48	-6.52	54	32.92	46.87	24.25	56.56	100	0	A	V
802.11n HT20 CH 11 2462MHz		4924	41.99	-32.01	74	58.19	31.05	11.02	58.27	100	0	P	H
		7386	48.36	-25.64	74	57.29	36.36	13.27	58.56	100	0	P	H
		17985	58.25	-15.75	74	43.69	46.87	24.25	56.56	100	0	P	H
		17985	47.26	-6.74	54	32.7	46.87	24.25	56.56	100	0	A	H
		4924	45	-29	74	61.2	31.05	11.02	58.27	100	0	P	V
		7386	46.92	-27.08	74	55.85	36.36	13.27	58.56	100	0	P	V
		17985	57.42	-16.58	74	42.86	46.87	24.25	56.56	100	0	P	V
		17985	46.55	-7.45	54	31.99	46.87	24.25	56.56	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 12 2467MHz		4934	40.54	-33.46	74	56.71	31.07	11.03	58.27	100	0	P	H
		7401	43.25	-30.75	74	52.27	36.3	13.25	58.57	100	0	P	H
		18000	58.06	-15.94	74	43.1	47.2	24.27	56.51	100	0	P	H
		18000	47.19	-6.81	54	32.23	47.2	24.27	56.51	100	0	A	H
		4934	41.12	-32.88	74	57.29	31.07	11.03	58.27	100	0	P	V
		7401	42.78	-31.22	74	51.8	36.3	13.25	58.57	100	0	P	V
		17970	57.88	-16.12	74	43.73	46.54	24.22	56.61	100	0	P	V
		17970	47	-7	54	32.85	46.54	24.22	56.61	100	0	A	V
802.11n HT20 CH 13 2472MHz		4944	42.2	-31.8	74	58.34	31.09	11.04	58.27	100	0	P	H
		7416	43.26	-30.74	74	52.25	36.33	13.26	58.58	100	0	P	H
		18000	57.81	-16.19	74	42.85	47.2	24.27	56.51	100	0	P	H
		18000	46.93	-7.07	54	31.97	47.2	24.27	56.51	100	0	A	H
		4944	41.77	-32.23	74	57.91	31.09	11.04	58.27	100	0	P	V
		7416	43.11	-30.89	74	52.1	36.33	13.26	58.58	100	0	P	V
		17970	57.65	-16.35	74	43.5	46.54	24.22	56.61	100	0	P	V
		17970	46.77	-7.23	54	32.62	46.54	24.22	56.61	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Emission above 18GHz****2.4GHz WIFI 802.11n HT20 (SHF)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 SHF		22389	40.72	-33.28	74	46.59	38.6	9.01	53.48	100	0	P	H
		20954	40.38	-33.62	74	47.93	37.83	8.03	53.41	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 LF		81.41	25.05	-14.95	40	42.36	13.82	1.31	32.44	100	0	P	H
		113.42	24.23	-19.27	43.5	37.86	17.24	1.54	32.41	-	-	P	H
		122.15	23.57	-19.93	43.5	36.72	17.68	1.6	32.43	-	-	P	H
		852.56	28.86	-17.14	46	27.98	28.62	4.19	31.93	-	-	P	H
		880.69	29.58	-16.42	46	28.55	28.57	4.27	31.81	-	-	P	H
		953.44	30.59	-15.41	46	26.96	30.2	4.45	31.02	-	-	P	H
		45.52	24.48	-15.52	40	39.14	16.85	1	32.51	-	-	P	V
		54.25	24.54	-15.46	40	43.01	12.98	1.08	32.53	-	-	P	V
		81.41	25.39	-14.61	40	42.7	13.82	1.31	32.44	-	-	P	V
		763.32	28.42	-17.58	46	28.77	27.74	3.96	32.05	-	-	P	V
		877.78	30.18	-15.82	46	29.2	28.55	4.26	31.83	-	-	P	V
		958.29	31.74	-14.26	46	27.82	30.42	4.46	30.96	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)

2. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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



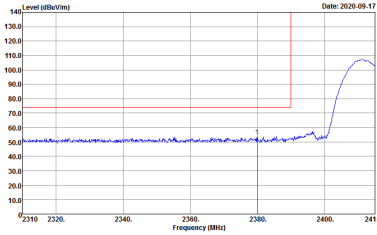
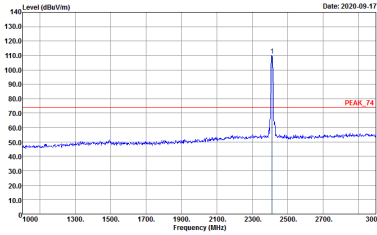
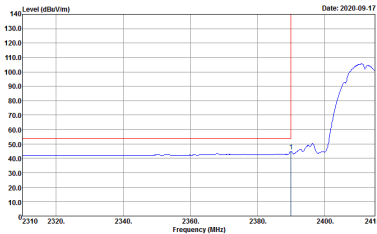
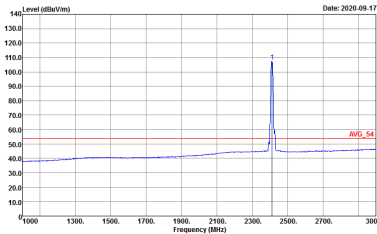
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Bill Chang, Fu Chen and Troye Hsieh	Temperature :	19.8~23.4°C
		Relative Humidity :	55.9~69.5%

Note symbol

-L	Low channel location
-R	High channel location

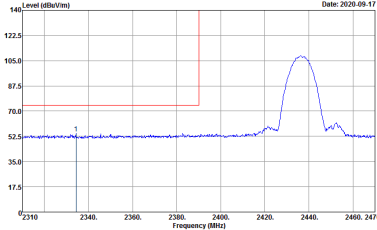
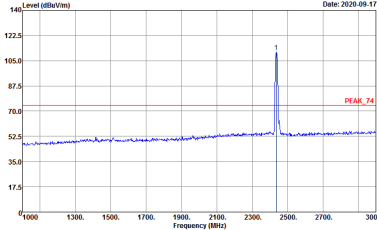
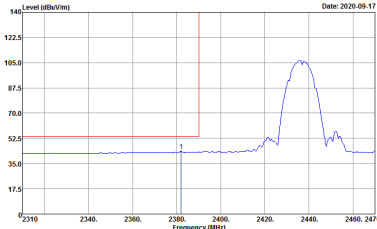
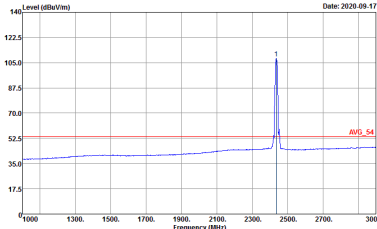
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
Avg.		

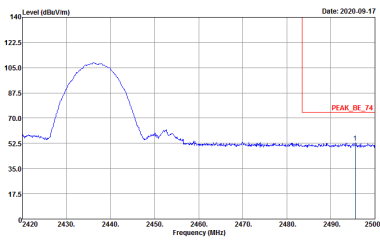
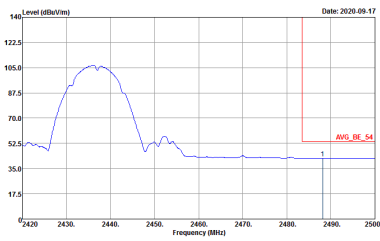


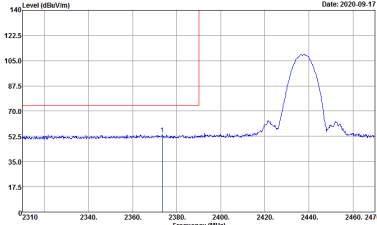
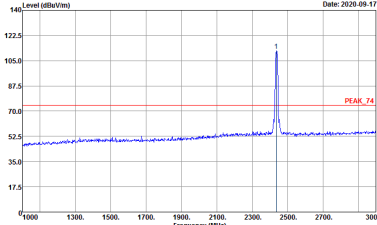
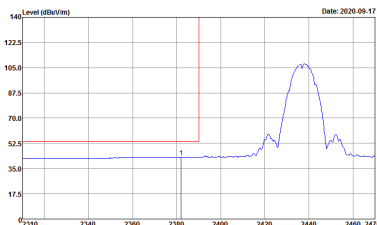
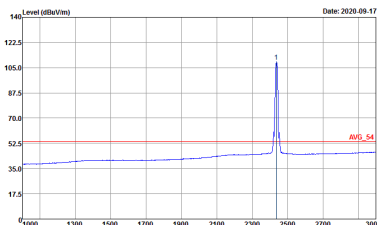
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
0+1	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01



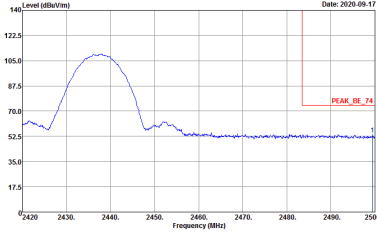
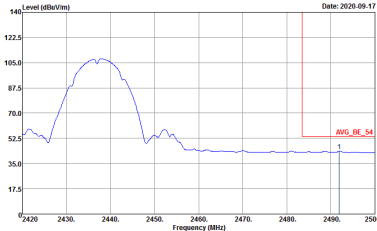
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
0+1	Horizontal	Fundamental
Peak	 Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 2437 MHz. The y-axis ranges from 17.5 to 140 dBuV/m, and the x-axis ranges from 2310 to 2470 MHz. A red line indicates the noise floor at approximately 70 dBuV/m. Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 2437 MHz. The y-axis ranges from 17.5 to 140 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red line indicates the noise floor at approximately 70 dBuV/m. Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	 Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 2437 MHz. The y-axis ranges from 17.5 to 140 dBuV/m, and the x-axis ranges from 2310 to 2470 MHz. A red line indicates the noise floor at approximately 70 dBuV/m. Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	 Level (dBuV/m) vs Frequency (MHz) plot showing a peak at approximately 2437 MHz. The y-axis ranges from 17.5 to 140 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red line indicates the noise floor at approximately 70 dBuV/m. Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01
Avg.		

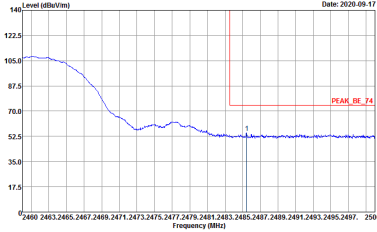
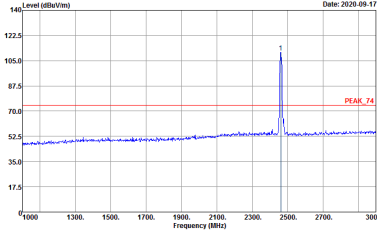
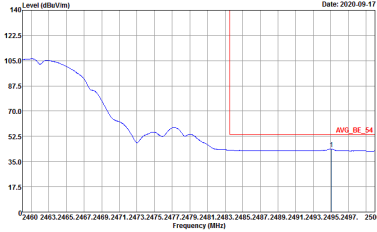
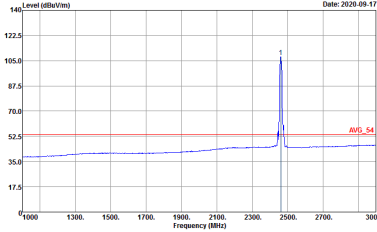


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	Left blank

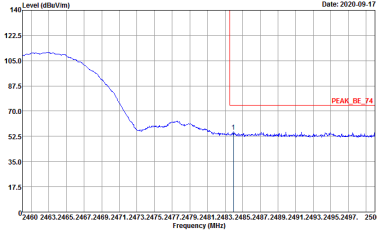
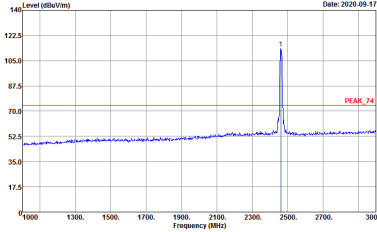
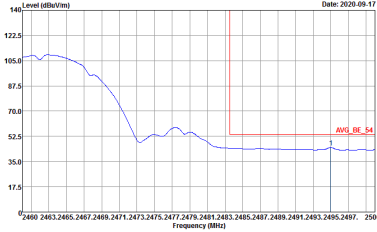
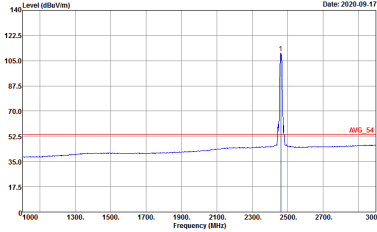
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01
Avg.		



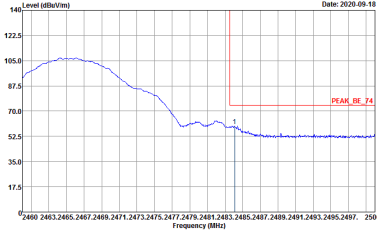
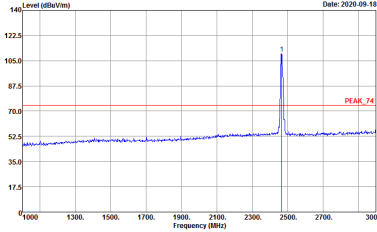
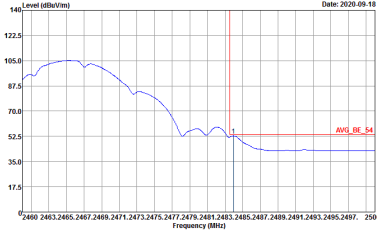
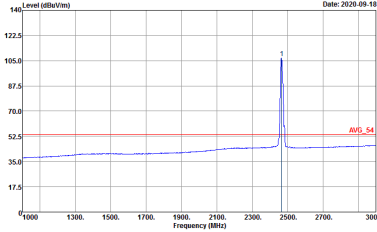
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	Left blank

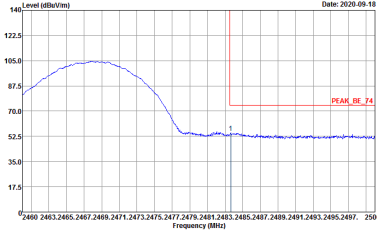
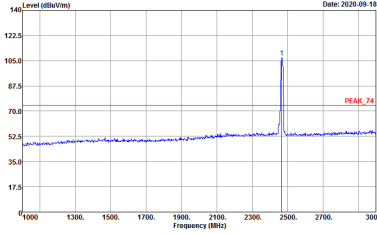
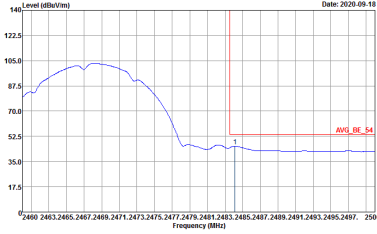
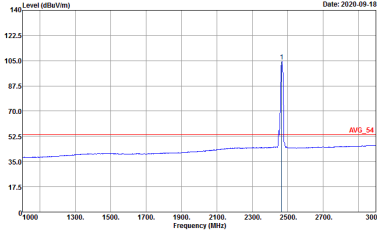
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01



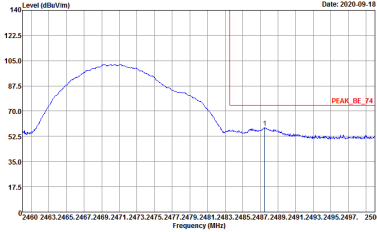
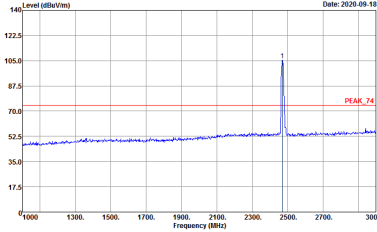
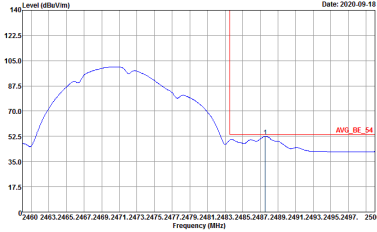
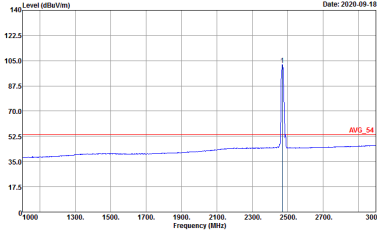
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01
Avg.		



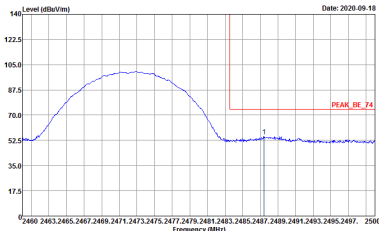
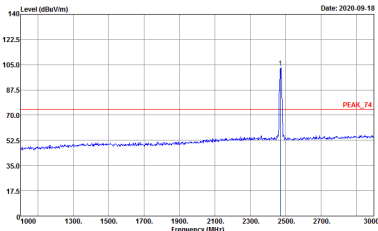
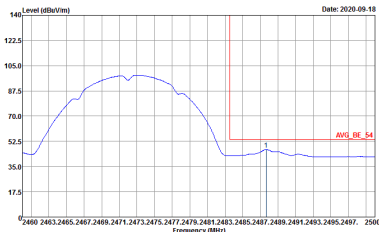
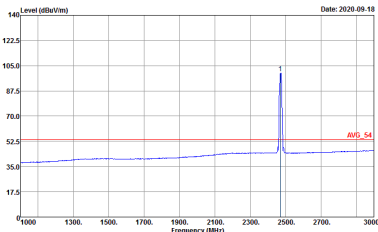
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
Avg.		

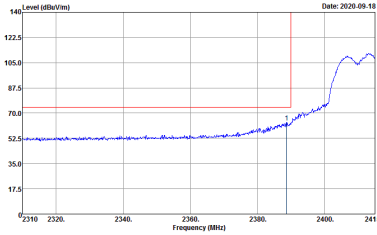
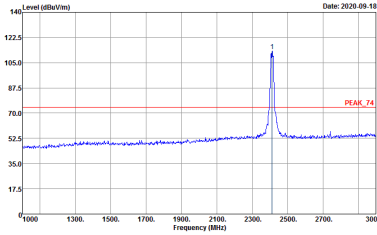
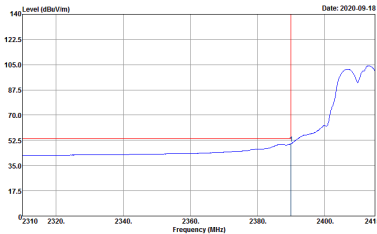
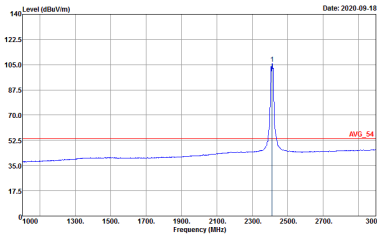


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
0+1	Horizontal	Fundamental
Peak	 Level (dBuV/m) Date: 2020-09-18 Frequency (MHz) PEAK_BE_74 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	 Level (dBuV/m) Date: 2020-09-18 Frequency (MHz) PEAK_74 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01
	 Level (dBuV/m) Date: 2020-09-18 Frequency (MHz) AVG_BE_54 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	 Level (dBuV/m) Date: 2020-09-18 Frequency (MHz) AVG_54 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01
Avg.		

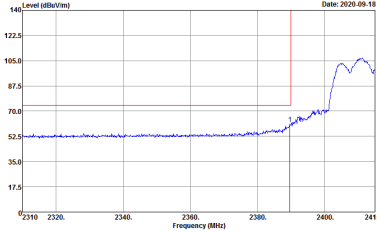
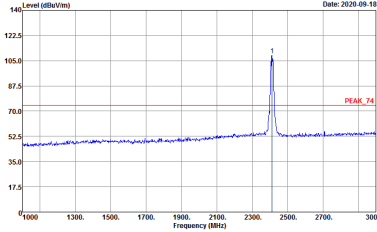
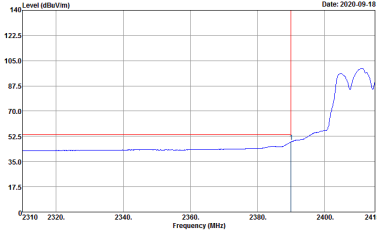
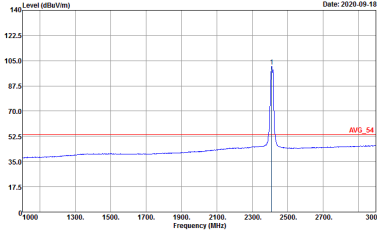


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01

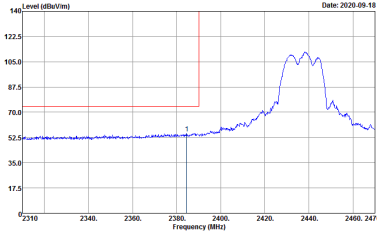
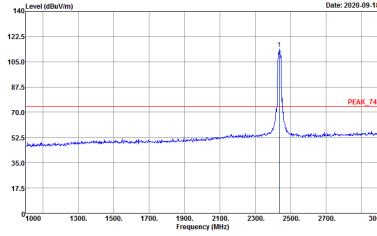
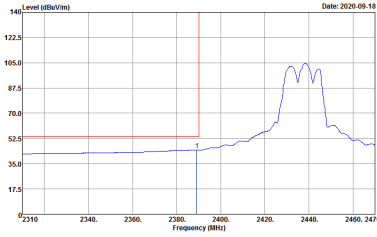
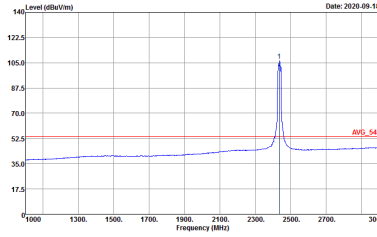
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
Avg.		

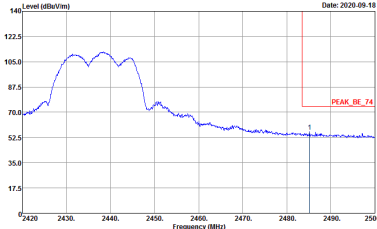
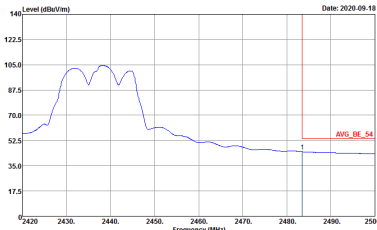


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01
Avg.		

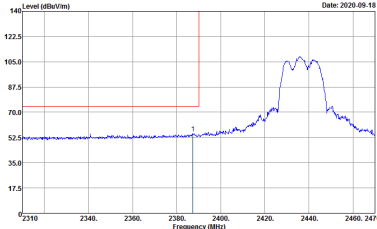
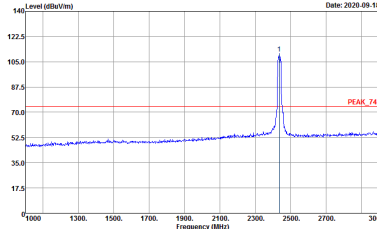
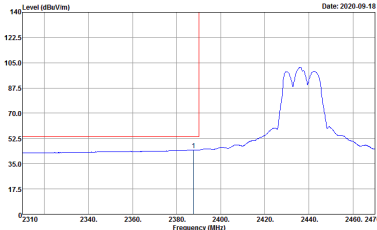
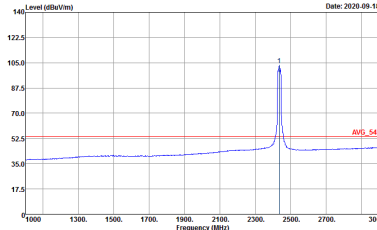


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01

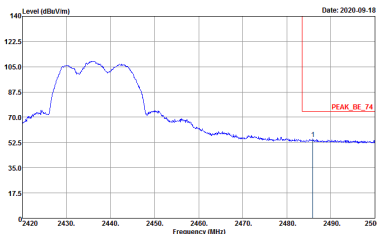
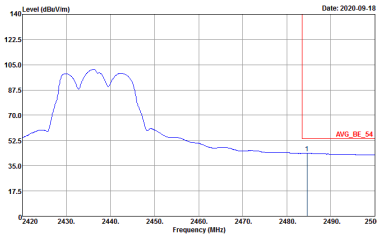


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	Left blank

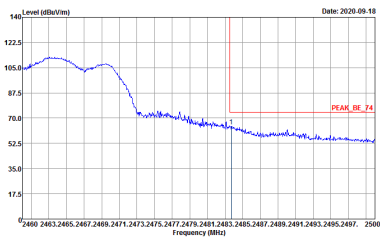
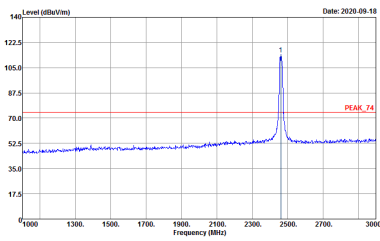
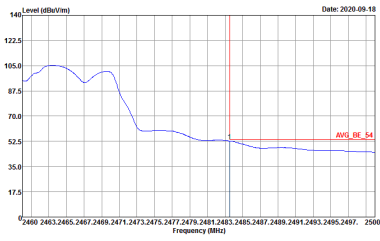
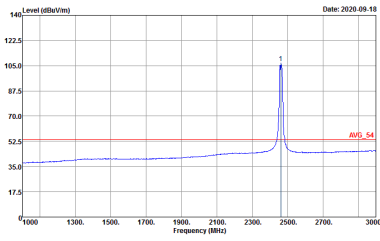


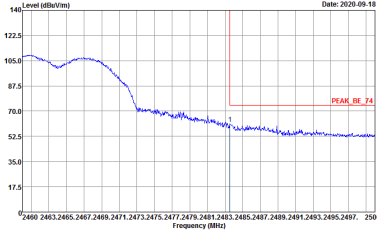
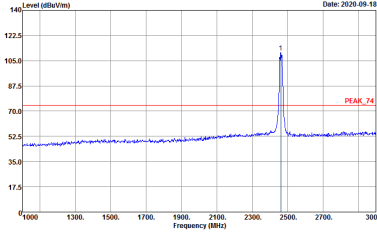
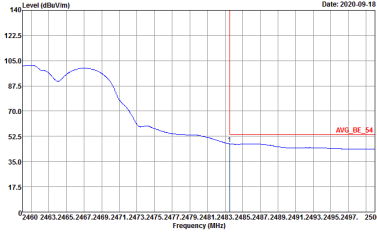
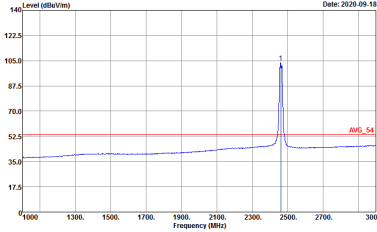
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	Left Blank



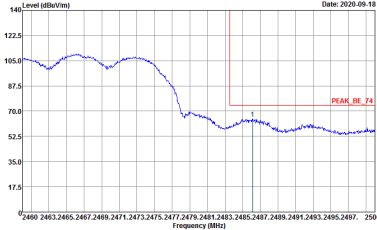
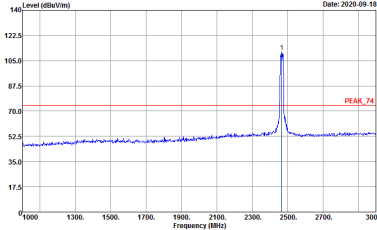
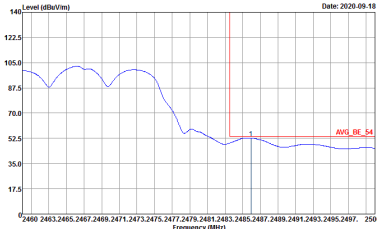
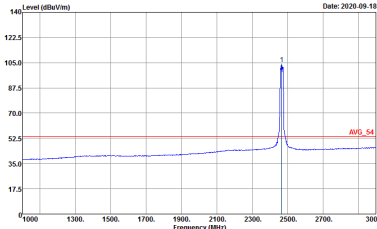
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01
Avg.		

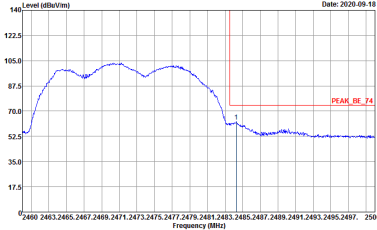
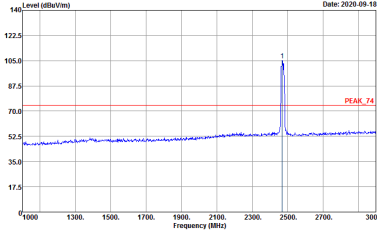
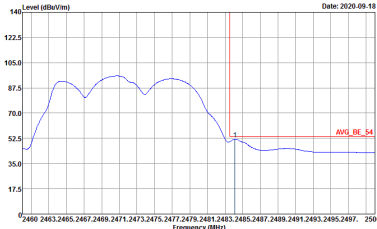
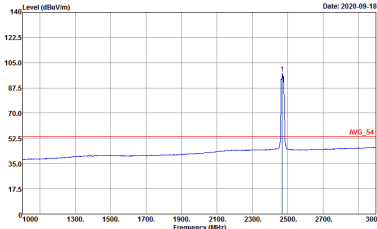
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
Avg.		

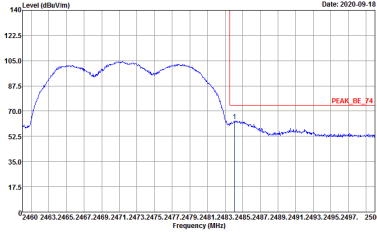
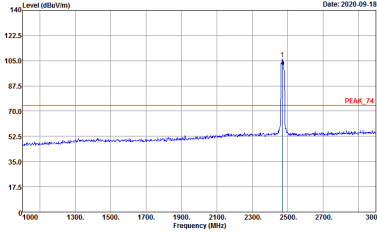
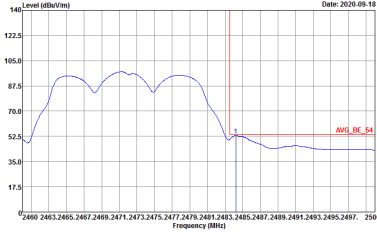
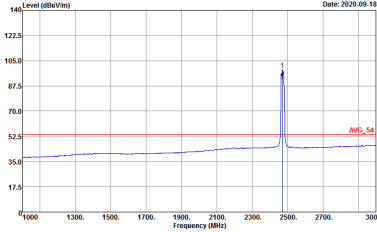


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
0+1	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01
Avg.		

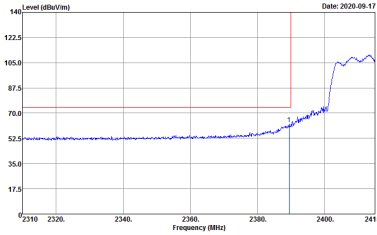
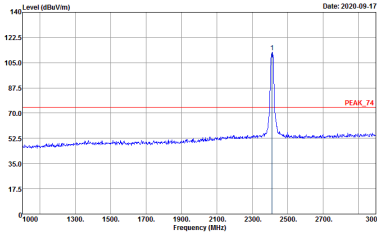
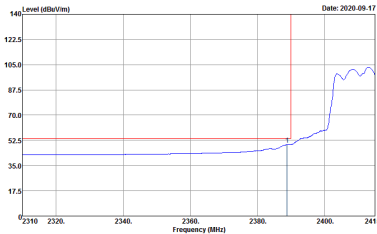
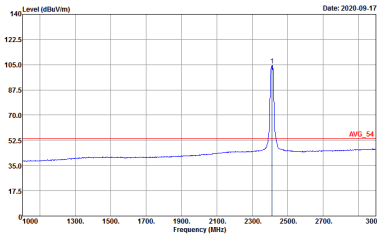


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
Avg.		

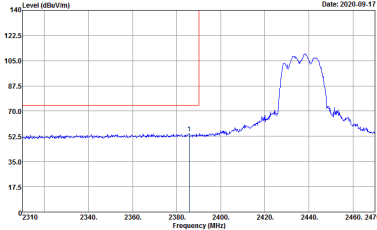
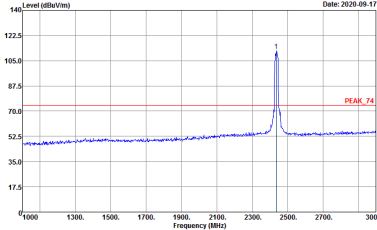
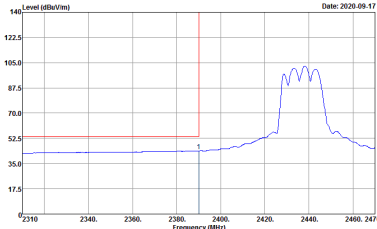
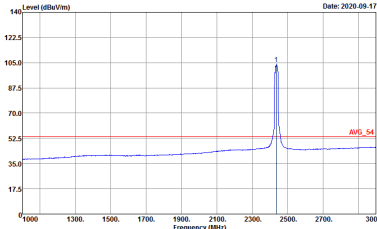
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
Avg.		

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

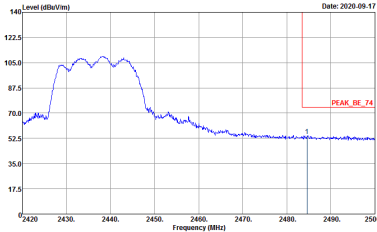
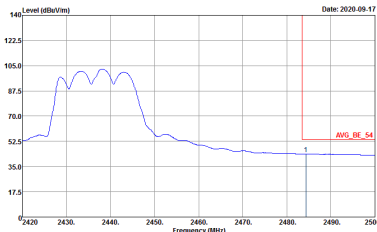
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
Avg.		

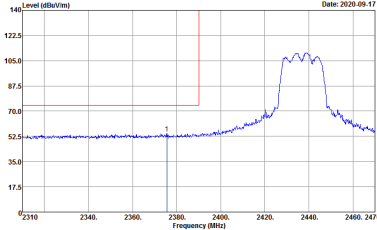
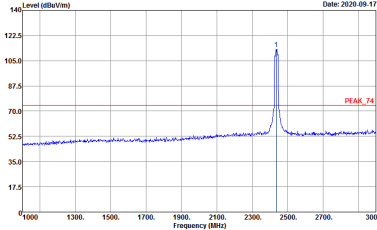
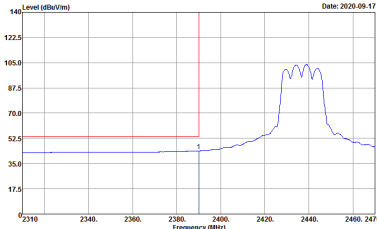
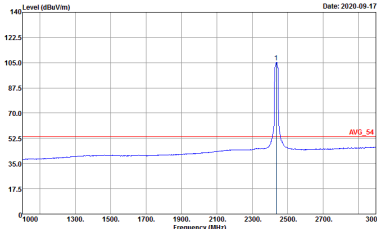


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
0+1	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01
Avg.		

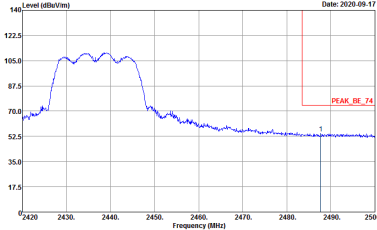
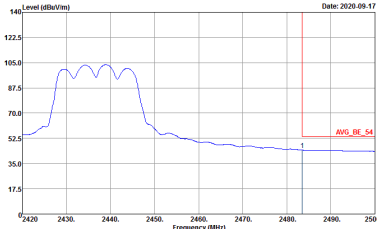
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	 Site : 03CH11-HY Condition : AV6_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : AV6_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01
Avg.		



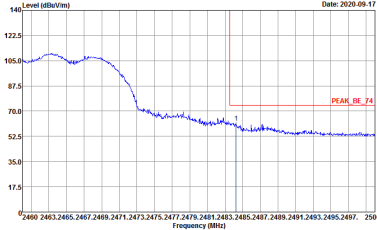
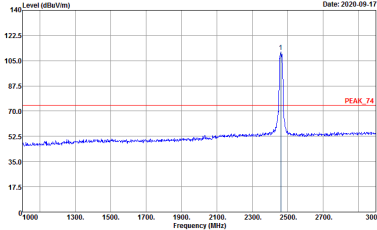
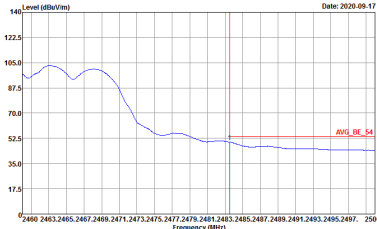
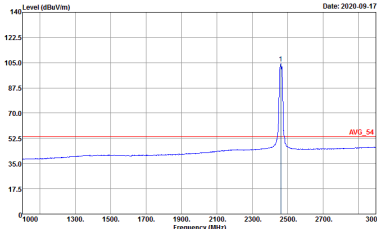
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01
Avg.		

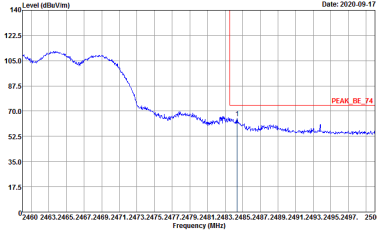
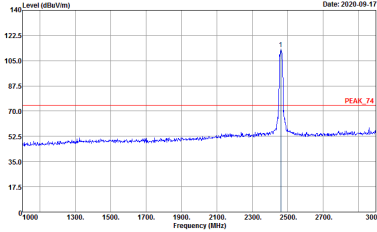
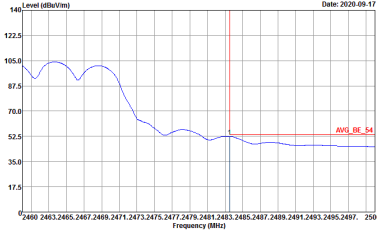
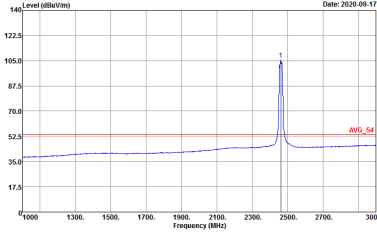


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	Left Blank

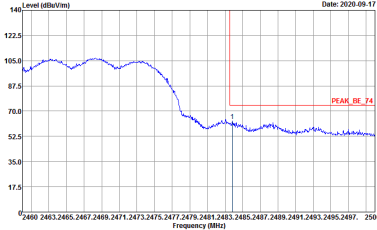
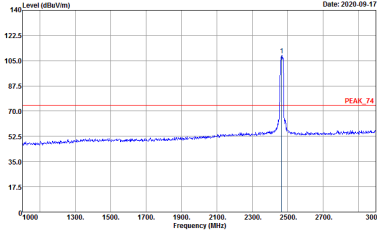
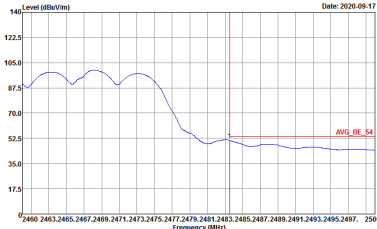
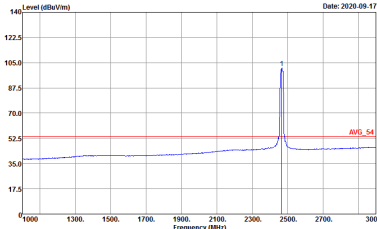


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 040941-01

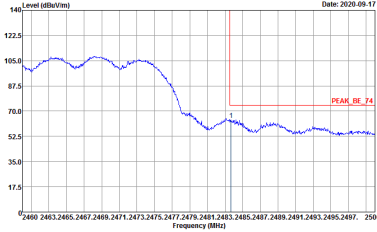
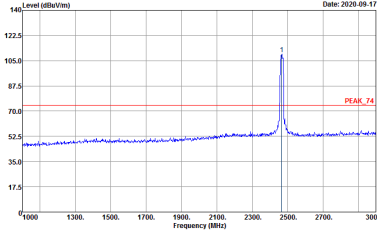
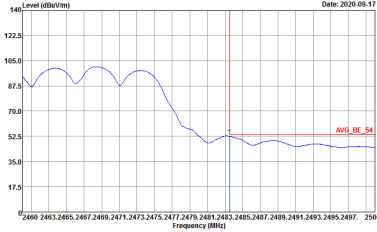
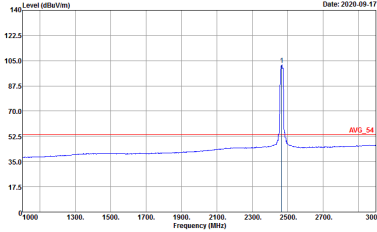


WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01
Avg.		

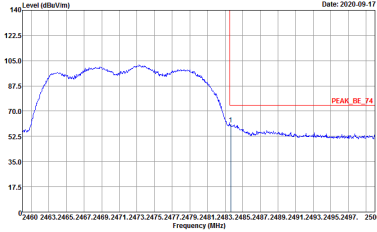
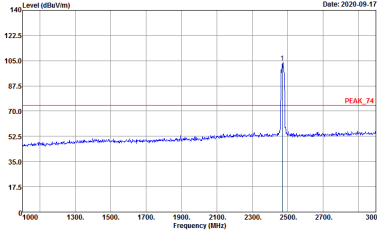
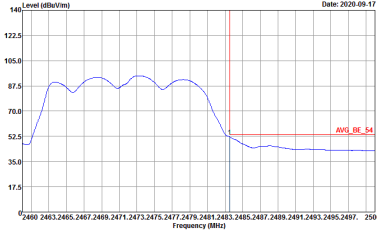
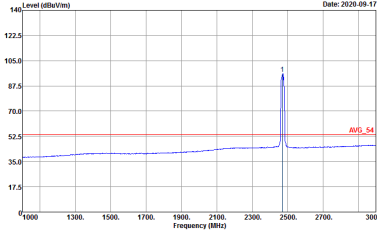


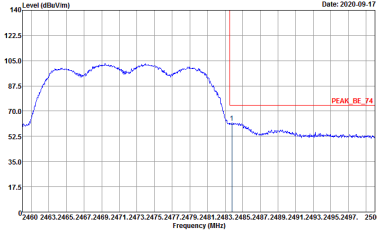
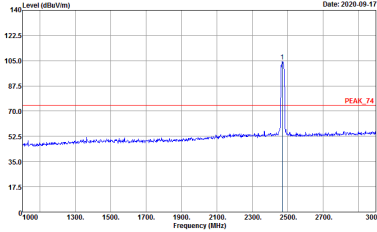
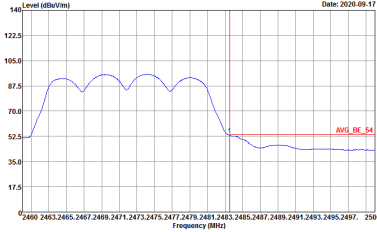
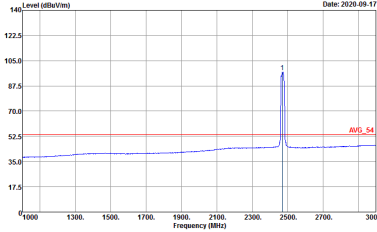
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 040941-01
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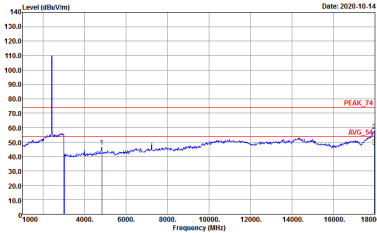
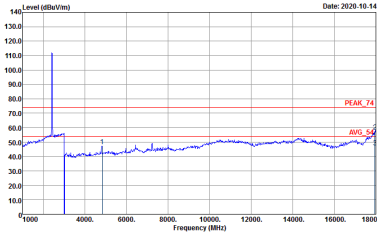
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 040941-01
Avg.		



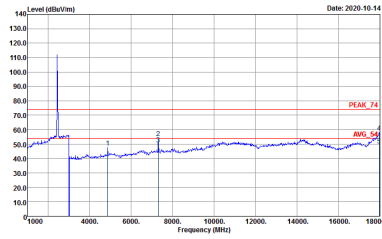
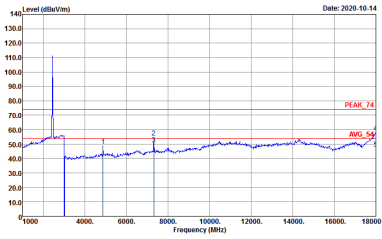
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01
Avg.		

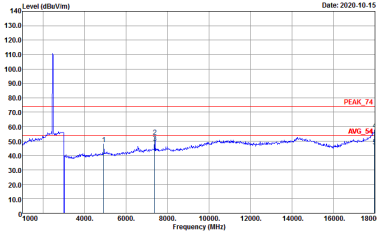
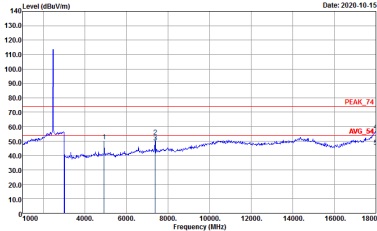
**2.4GHz 2400~2483.5MHz****WIFI 802.11b (Harmonic @ 3m)**

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 040941-01

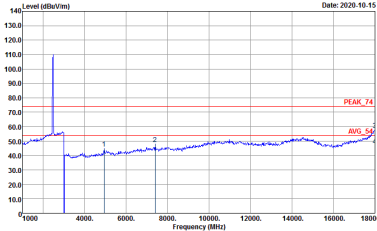
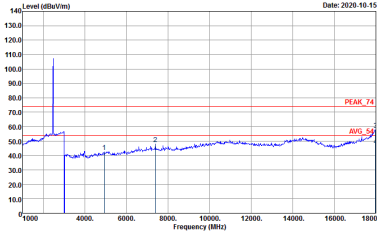


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

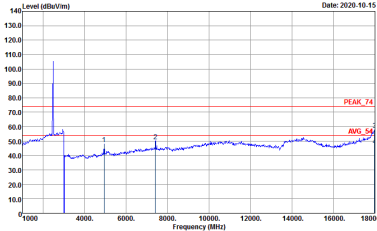
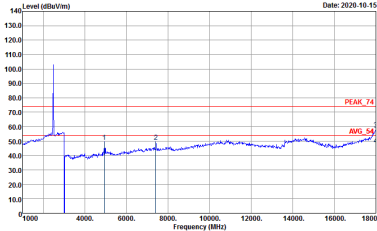


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

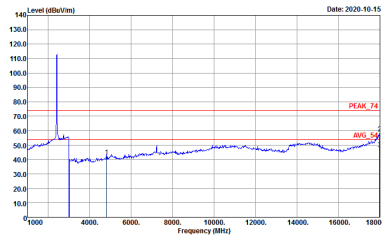
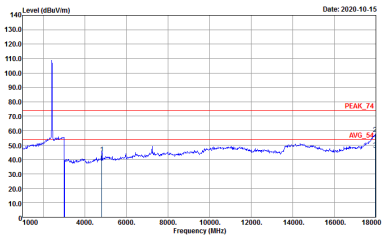


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

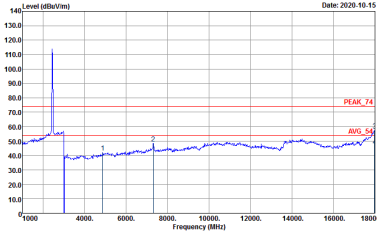
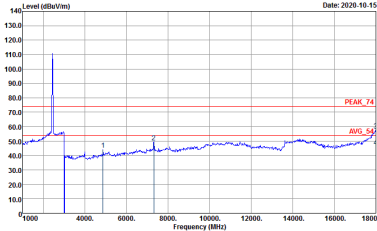


2.4GHz 2400~2483.5MHz

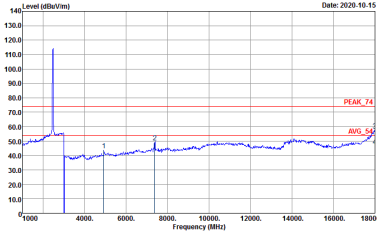
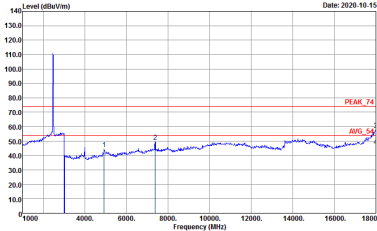
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

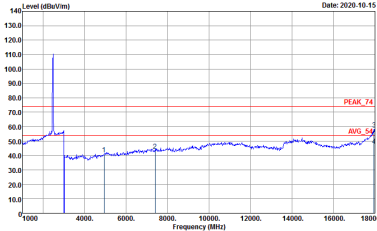
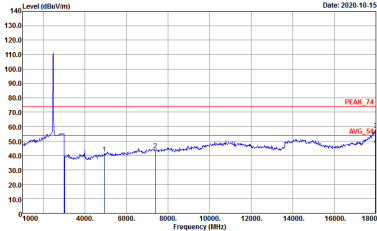


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

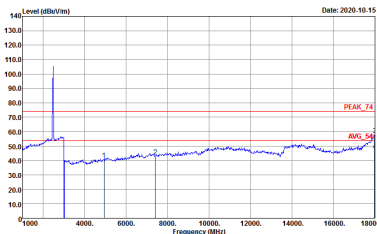
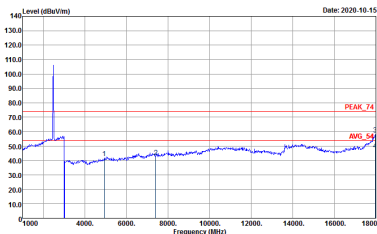


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

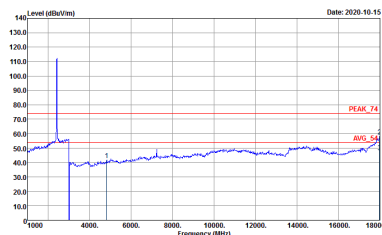
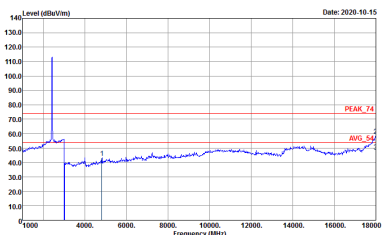


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01



2.4GHz 2400~2483.5MHz

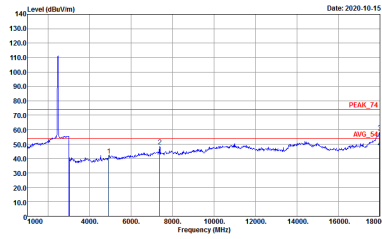
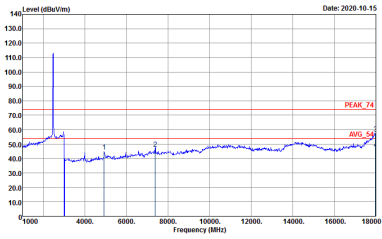
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

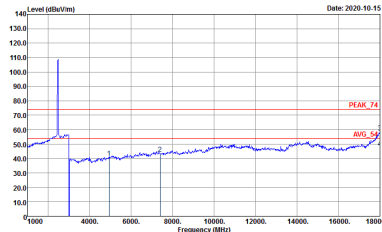
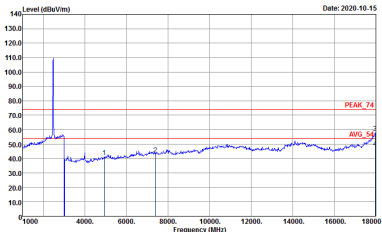


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
0+1	Horizontal	Vertical
Peak Avg.	Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

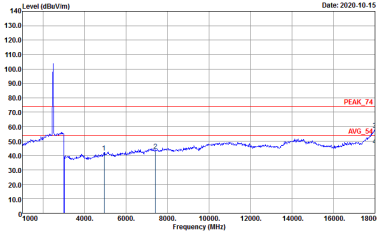
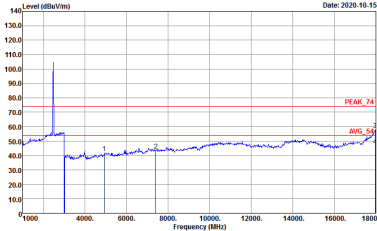


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

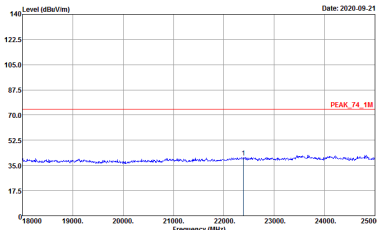
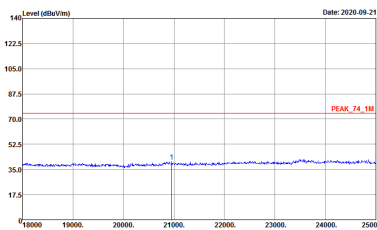


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH12 2462MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

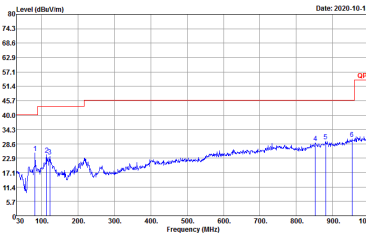
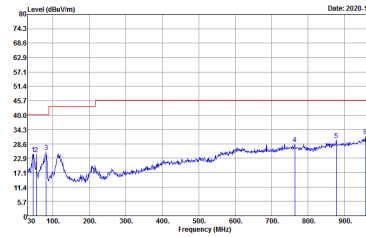


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
0+1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 040941-01

Emission above 18GHz
2.4GHz WIFI 802.11n HT20 (SHF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 SHF	
0+1	Horizontal	Vertical
QP / Peak	 Site : 03CH11-HY Condition : PEAK_74_1M 1m SHF HORN BBH49170576 HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : PEAK_74_1M 1m SHF HORN BBH49170576 VERTICAL Detector : Peak Project : 040941-01

Emission below 1GHz
2.4GHz WIFI 802.11n HT20 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
0+1	Horizontal	Vertical
QP / Peak	 Site : 03CH11-HY Condition : QP 3m B1LOG_15_41912 HORIZONTAL Detector : Peak Project : 040941-01	 Site : 03CH11-HY Condition : QP 3m B1LOG_15_41912 VERTICAL Detector : Peak Project : 040941-01

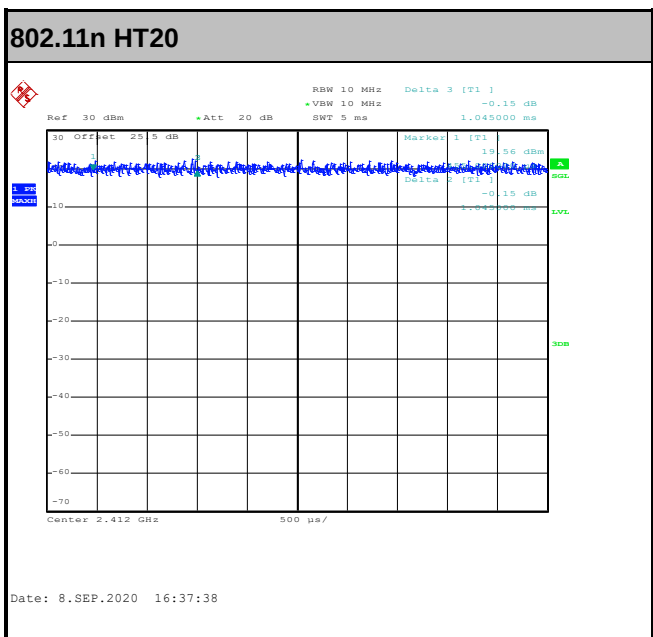
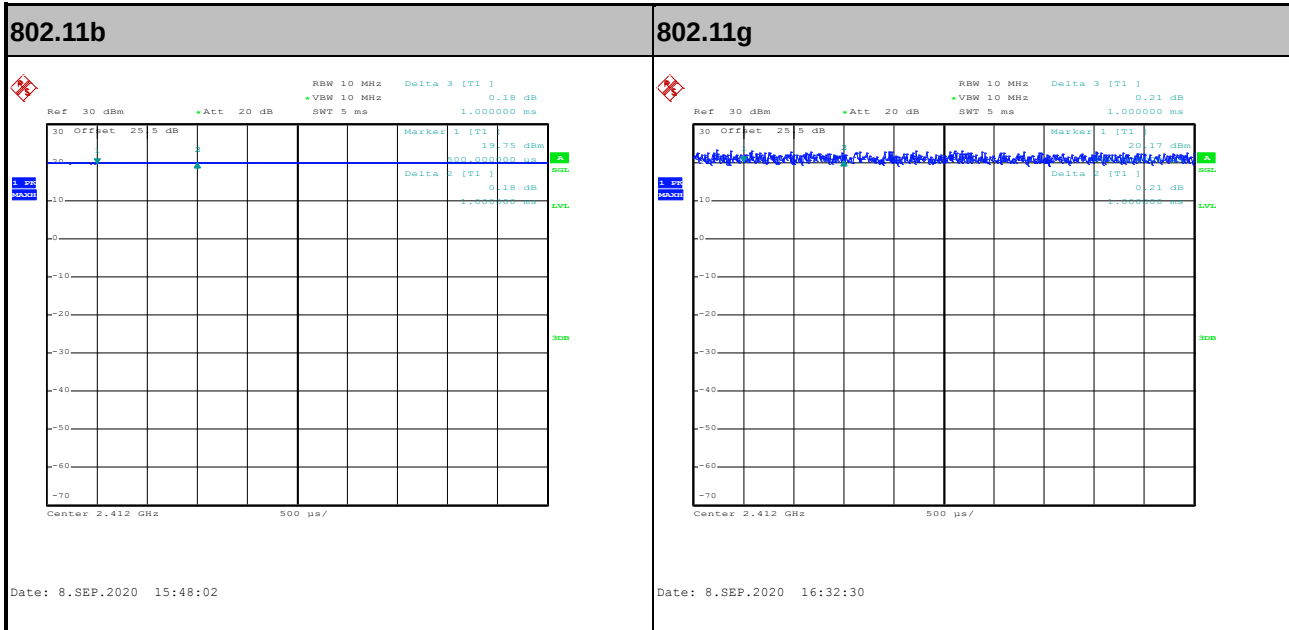


Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
0+1	802.11b for Ant. 0	100.00	-	-	10Hz	0.00
0+1	802.11b for Ant. 1	100.00	-	-	10Hz	0.00
0+1	802.11g for Ant. 0	100.00	-	-	10Hz	0.00
0+1	802.11g for Ant. 1	100.00	-	-	10Hz	0.00
0+1	2.4GHz 802.11n HT20 for Ant. 0	100.00	-	-	10Hz	0.00
0+1	2.4GHz 802.11n HT20 for Ant. 1	100.00	-	-	10Hz	0.00

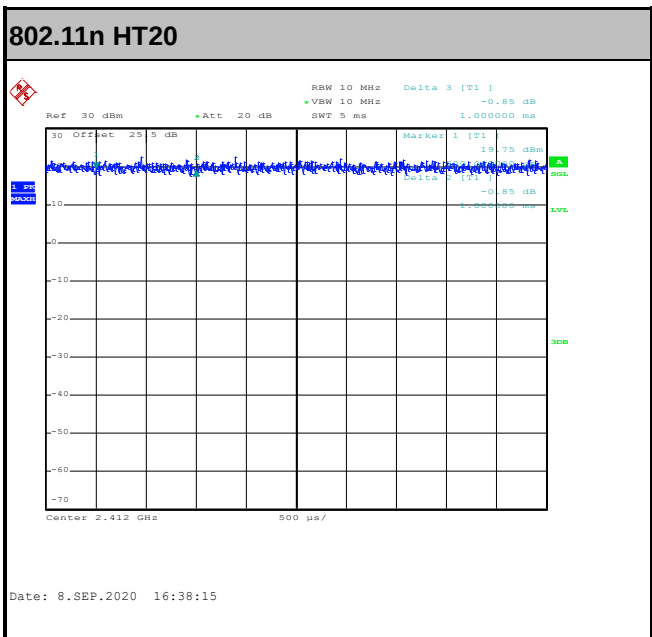
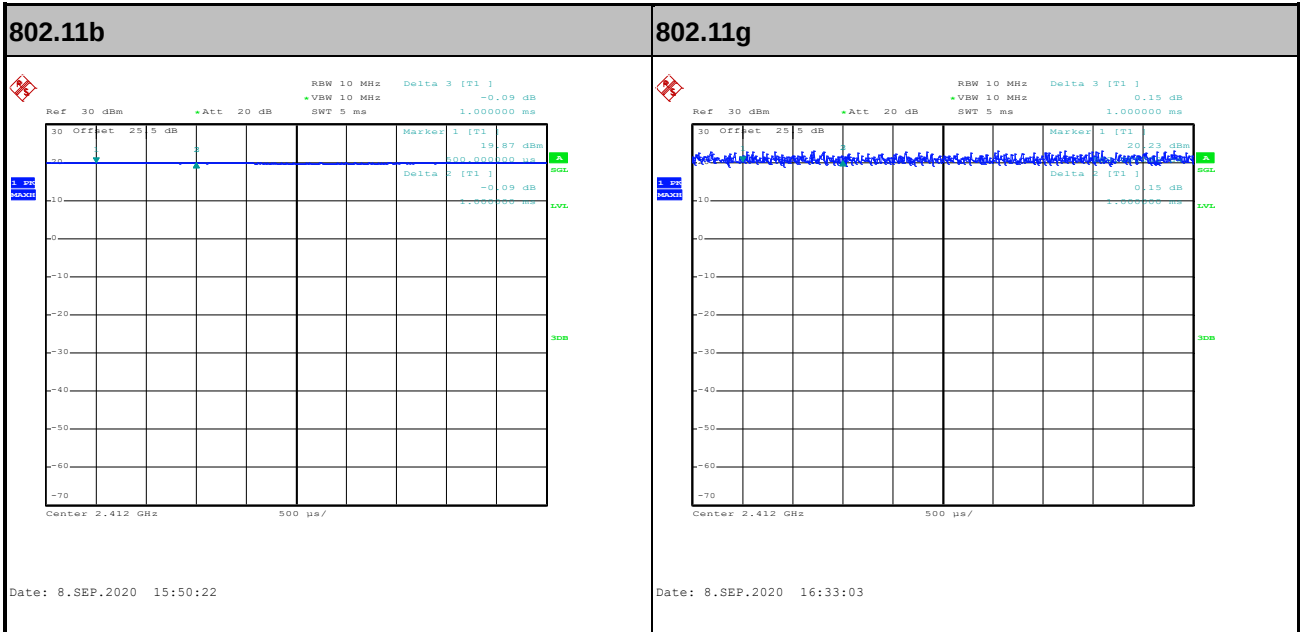


MIMO <Ant. 0>





MIMO <Ant. 1>



—THE END—