

**TEST RESULTS DATA**  
**Average Output Power**

2.4GHz Band MIMO																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
						Ant7	Ant8	SUM	Ant7	Ant8	Ant7	Ant8	Ant7	Ant8	Ant7	Ant8	
HE20	MCS0	2	1	2412	Full	19.20	19.70	22.47	30.00		-1.26		21.21		36.00	Pass	
HE20	MCS0	2	1	2412	26/0	10.90	11.50	14.22	30.00		-1.26		12.96		36.00	Pass	
HE20	MCS0	2	1	2412	52/37	13.10	14.60	16.92	30.00		-1.26		15.66		36.00	Pass	
HE20	MCS0	2	1	2412	106/53	16.60	16.90	19.76	30.00		-1.26		18.50		36.00	Pass	
HE20	MCS0	2	6	2437	Full	19.20	19.60	22.41	30.00		-1.26		21.15		36.00	Pass	
HE20	MCS0	2	6	2437	26/4	10.20	10.60	13.41	30.00		-1.26		12.15		36.00	Pass	
HE20	MCS0	2	6	2437	52/38	12.80	13.40	16.12	30.00		-1.26		14.86		36.00	Pass	
HE20	MCS0	2	6	2437	106/53	15.80	15.90	18.86	30.00		-1.26		17.60		36.00	Pass	
HE20	MCS0	2	11	2462	Full	18.70	18.80	21.76	30.00		-1.26		20.50		36.00	Pass	
HE20	MCS0	2	11	2462	26/8	10.50	10.40	13.46	30.00		-1.26		12.20		36.00	Pass	
HE20	MCS0	2	11	2462	52/40	12.90	14.10	16.55	30.00		-1.26		15.29		36.00	Pass	
HE20	MCS0	2	11	2462	106/54	16.10	16.10	19.11	30.00		-1.26		17.85		36.00	Pass	
HE40	MCS 0	2	3	2422	Full	19.50	19.80	22.66	30.00		-1.26		21.40		36.00	Pass	
HE40	MCS 0	2	3	2422	242/61	17.00	17.30	20.16	30.00		-1.26		18.90		36.00	Pass	
HE40	MCS 0	2	6	2437	Full	18.30	18.50	21.41	30.00		-1.26		20.15		36.00	Pass	
HE40	MCS 0	2	6	2437	242/61	16.40	16.80	19.61	30.00		-1.26		18.35		36.00	Pass	
HE40	MCS 0	2	9	2452	Full	18.30	18.30	21.31	30.00		-1.26		20.05		36.00	Pass	
HE40	MCS 0	2	9	2452	242/62	16.00	15.90	18.96	30.00		-1.26		17.70		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)	RU Config	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant7	Ant8	Worse + 3.01	Ant7	Ant8	Ant7	Ant8	
HE20	MCS0	2	1	2412	Full	-7.22	-6.03	-3.02	1.49		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-7.15	-6.36	-3.35	1.49		8.00		Pass
HE20	MCS0	2	1	2412	52/37	-7.31	-6.25	-3.24	1.49		8.00		Pass
HE20	MCS0	2	1	2412	106/53	-6.55	-6.34	-3.33	1.49		8.00		Pass
HE20	MCS0	2	6	2437	Full	-6.65	-6.66	-3.64	1.49		8.00		Pass
HE20	MCS0	2	6	2437	26/4	-7.58	-6.87	-3.86	1.49		8.00		Pass
HE20	MCS0	2	6	2437	52/38	-7.48	-6.86	-3.85	1.49		8.00		Pass
HE20	MCS0	2	6	2437	106/53	-7.23	-6.83	-3.82	1.49		8.00		Pass
HE20	MCS0	2	11	2462	Full	-6.53	-7.28	-3.52	1.49		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-6.73	-7.46	-3.72	1.49		8.00		Pass
HE20	MCS0	2	11	2462	52/40	-6.98	-6.54	-3.53	1.49		8.00		Pass
HE20	MCS0	2	11	2462	106/54	-6.72	-6.83	-3.71	1.49		8.00		Pass
HE40	MCS0	2	3	2422	Full	-9.53	-8.33	-5.32	1.49		8.00		Pass
HE40	MCS0	2	3	2422	242/61	-8.72	-8.76	-5.71	1.49		8.00		Pass
HE40	MCS0	2	6	2437	Full	-10.06	-10.93	-7.05	1.49		8.00		Pass
HE40	MCS0	2	6	2437	242/61	-10.40	-10.16	-7.15	1.49		8.00		Pass
HE40	MCS0	2	9	2452	Full	-10.03	-10.58	-7.02	1.49		8.00		Pass
HE40	MCS0	2	9	2452	242/62	-10.12	-10.68	-7.11	1.49		8.00		Pass

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



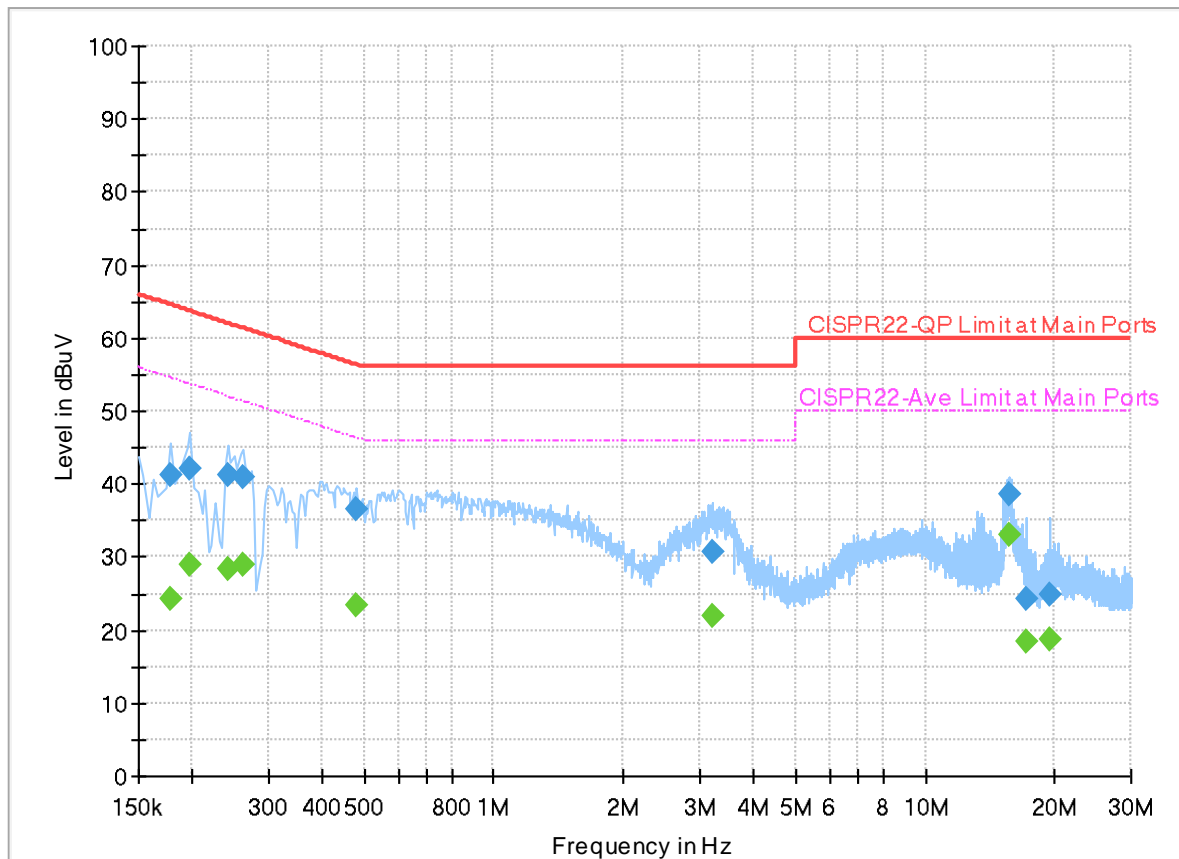
## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	16.4~24.5°C
		Relative Humidity :	38.6~44.7%

## EUT Information

Report NO : 311909  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



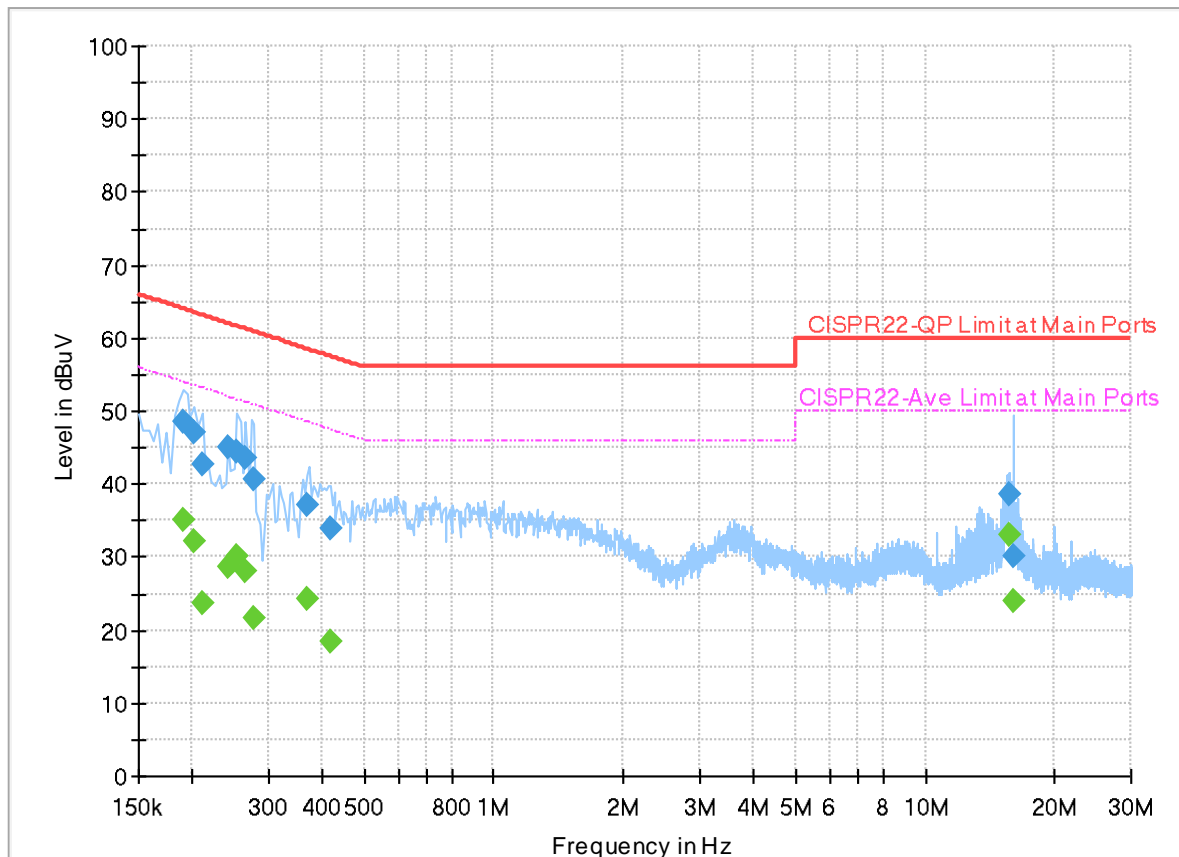
## Final\_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.178000	41.27	---	64.58	23.31	L1	OFF	19.7
0.178000	---	24.25	54.58	30.33	L1	OFF	19.7
0.198000	42.01	---	63.69	21.68	L1	OFF	19.7
0.198000	---	29.08	53.69	24.61	L1	OFF	19.7
0.242000	41.32	---	62.03	20.71	L1	OFF	19.7
0.242000	---	28.36	52.03	23.67	L1	OFF	19.7
0.262000	40.94	---	61.37	20.43	L1	OFF	19.7
0.262000	---	28.83	51.37	22.54	L1	OFF	19.7
0.482000	36.42	---	56.31	19.89	L1	OFF	19.7
0.482000	---	23.40	46.31	22.91	L1	OFF	19.7
3.226000	30.69	---	56.00	25.31	L1	OFF	19.8
3.226000	---	21.87	46.00	24.13	L1	OFF	19.8
15.670000	38.73	---	60.00	21.27	L1	OFF	19.9
15.670000	---	33.18	50.00	16.82	L1	OFF	19.9
17.150000	24.13	---	60.00	35.87	L1	OFF	19.9
17.150000	---	18.55	50.00	31.45	L1	OFF	19.9
19.434000	24.88	---	60.00	35.12	L1	OFF	19.9
19.434000	---	18.74	50.00	31.26	L1	OFF	19.9

## EUT Information

Report NO : 311909  
 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)
0.190000	---	35.00	54.04	19.04	N	OFF	19.7
0.190000	48.66	---	64.04	15.38	N	OFF	19.7
0.202000	---	32.10	53.53	21.43	N	OFF	19.7
0.202000	47.10	---	63.53	16.43	N	OFF	19.7
0.210000	---	23.61	53.21	29.60	N	OFF	19.7
0.210000	42.75	---	63.21	20.46	N	OFF	19.7
0.242000	---	28.69	52.03	23.34	N	OFF	19.7
0.242000	45.14	---	62.03	16.89	N	OFF	19.7
0.254000	---	30.00	51.63	21.63	N	OFF	19.7
0.254000	44.50	---	61.63	17.13	N	OFF	19.7
0.266000	---	28.15	51.24	23.09	N	OFF	19.7
0.266000	43.55	---	61.24	17.69	N	OFF	19.7
0.278000	---	21.66	50.88	29.22	N	OFF	19.7
0.278000	40.71	---	60.88	20.17	N	OFF	19.7
0.370000	---	24.18	48.50	24.32	N	OFF	19.7
0.370000	37.06	---	58.50	21.44	N	OFF	19.7
0.418000	---	18.53	47.49	28.96	N	OFF	19.7
0.418000	34.04	---	57.49	23.45	N	OFF	19.7
15.670000	---	32.99	50.00	17.01	N	OFF	20.0

15.670000	38.49	---	60.00	21.51	N	OFF	20.0
16.002000	---	24.07	50.00	25.93	N	OFF	20.0
16.002000	30.21	---	60.00	29.79	N	OFF	20.0



### Appendix C. Radiated Spurious Emission

Test Engineer :	Yuan Lee, Bank Lin, Fu Chen and Troye Hsieh	Temperature :	17.9~25.9°C
		Relative Humidity :	35.1~63.6%

<Sample 1 with Battery 1>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant. 7+8		( MHz )	( dBµV/m )	( dB )	Line ( dBµV/m )	Level ( dBµV )	Factor ( dB/m )	Loss ( dB )	Factor ( dB )	Pos ( cm )	Pos ( deg )	Avg. ( P/A )	( H/V )	
802.11b CH 01 2412MHz		2388.33	52.3	-21.7	74	41.77	27.45	17.28	34.2	300	38	P	H	
		2389.8	41.04	-12.96	54	30.49	27.46	17.29	34.2	300	38	A	H	
	*	2412	112.03	-	-	101.35	27.55	17.32	34.19	300	38	P	H	
	*	2412	109.02	-	-	98.34	27.55	17.32	34.19	300	38	A	H	
													H	
			2385.6	52.46	-21.54	74	41.94	27.44	17.28	34.2	150	92	P	V
			2389.59	41.01	-12.99	54	30.46	27.46	17.29	34.2	150	92	A	V
	*		2412	108.53	-	-	97.85	27.55	17.32	34.19	150	92	P	V
	*		2412	105.44	-	-	94.76	27.55	17.32	34.19	150	92	A	V
														V
802.11b CH 06 2437MHz		2353.2	52.75	-21.25	74	42.42	27.31	17.24	34.22	295	41	P	H	
		2389.84	41.17	-12.83	54	30.62	27.46	17.29	34.2	295	41	A	H	
	*	2437	113.54	-	-	102.71	27.65	17.36	34.18	295	41	P	H	
	*	2437	110.42	-	-	99.59	27.65	17.36	34.18	295	41	A	H	
			2484	53.01	-20.99	74	41.98	27.77	17.43	34.17	295	41	P	H
			2483.52	42.5	-11.5	54	31.47	27.77	17.43	34.17	295	41	A	H
			2361.2	52.49	-21.51	74	42.11	27.34	17.25	34.21	195	92	P	V
			2389.84	41.02	-12.98	54	30.47	27.46	17.29	34.2	195	92	A	V
	*		2437	110.82	-	-	99.99	27.65	17.36	34.18	195	92	P	V
	*		2437	107.69	-	-	96.86	27.65	17.36	34.18	195	92	A	V
			2499.28	53	-21	74	41.91	27.8	17.45	34.16	195	92	P	V
			2485.44	42.06	-11.94	54	31.03	27.77	17.43	34.17	195	92	A	V



<b>802.11b CH 11 2462MHz</b>	*	2462	114.05	-	-	103.11	27.72	17.39	34.17	300	22	P	H
	*	2462	110.9	-	-	99.96	27.72	17.39	34.17	300	22	A	H
		2488.68	55.65	-18.35	74	44.6	27.78	17.43	34.16	300	22	P	H
		2488.68	48.23	-5.77	54	37.18	27.78	17.43	34.16	300	22	A	H
													H
													H
	*	2462	109.99	-	-	99.05	27.72	17.39	34.17	200	91	P	V
	*	2462	106.82	-	-	95.88	27.72	17.39	34.17	200	91	A	V
		2488.92	54.93	-19.07	74	43.88	27.78	17.43	34.16	200	91	P	V
		2488.72	46.44	-7.56	54	35.39	27.78	17.43	34.16	200	91	A	V
													V
													V
<b>Remark</b>	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. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11b CH 01 2412MHz		4824	48.64	-25.36	74	62.8	32.34	11.46	57.96	105	28	P	H	
		4824	45.13	-8.87	54	59.29	32.34	11.46	57.96	105	28	A	H	
													H	
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													H	
													H	
													H	
													H	
			4824	51.93	-22.07	74	66.09	32.34	11.46	57.96	280	330	P	V
			4824	49.25	-4.75	54	63.41	32.34	11.46	57.96	280	330	A	V
														V
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WiFi Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 11 2462MHz		4924	49.67	-24.33	74	63.06	32.84	11.8	58.03	200	27	P	H	
		4924	45.53	-8.47	54	58.92	32.84	11.8	58.03	200	27	A	H	
		7386	42.3	-31.7	74	50.73	36.68	13.61	58.72	-	-	P	H	
													H	
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													H	
													H	
													H	
													H	
			4924	51.61	-22.39	74	65	32.84	11.8	58.03	301	340	P	V
			4924	48.11	-5.89	54	61.5	32.84	11.8	58.03	301	340	A	V
			7386	41.11	-32.89	74	49.54	36.68	13.61	58.72	-	-	P	V
														V
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													V	
Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>													



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

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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		2390	65.63	-8.37	74	55.08	27.46	17.29	34.2	100	18	P	H	
		2390	52.6	-1.4	54	42.05	27.46	17.29	34.2	100	18	A	H	
	*	2412	115.2	-	-	104.52	27.55	17.32	34.19	100	18	P	H	
	*	2412	107.63	-	-	96.95	27.55	17.32	34.19	100	18	A	H	
													H	
													H	
			2390	61.93	-12.07	74	51.38	27.46	17.29	34.2	200	92	P	V
			2390	48.71	-5.29	54	38.16	27.46	17.29	34.2	200	92	A	V
	*		2412	110.11	-	-	99.43	27.55	17.32	34.19	200	92	P	V
	*		2412	102.58	-	-	91.9	27.55	17.32	34.19	200	92	A	V
													V	
													V	
802.11g CH 06 2437MHz		2327.12	53.18	-20.82	74	42.9	27.3	17.21	34.23	169	26	P	H	
		2390	41.81	-12.19	54	31.26	27.46	17.29	34.2	169	26	A	H	
	*	2437	115.96	-	-	105.13	27.65	17.36	34.18	169	26	P	H	
	*	2437	108.28	-	-	97.45	27.65	17.36	34.18	169	26	A	H	
			2484.88	56.77	-17.23	74	45.74	27.77	17.43	34.17	169	26	P	H
			2484.56	44.21	-9.79	54	33.18	27.77	17.43	34.17	169	26	A	H
			2382.8	52.03	-21.97	74	41.52	27.43	17.28	34.2	231	91	P	V
			2390	41.28	-12.72	54	30.73	27.46	17.29	34.2	231	91	A	V
	*		2437	112.57	-	-	101.74	27.65	17.36	34.18	231	91	P	V
	*		2437	105	-	-	94.17	27.65	17.36	34.18	231	91	A	V
			2483.92	53.84	-20.16	74	42.81	27.77	17.43	34.17	231	91	P	V
			2483.52	42.64	-11.36	54	31.61	27.77	17.43	34.17	231	91	A	V



<b>802.11g CH 11 2462MHz</b>	*	2462	112.03	-	-	101.09	27.72	17.39	34.17	100	162	P	H
	*	2462	104.4	-	-	93.46	27.72	17.39	34.17	100	162	A	H
		2485.36	63.68	-10.32	74	52.65	27.77	17.43	34.17	100	162	P	H
		2484.32	50.8	-3.2	54	39.77	27.77	17.43	34.17	100	162	A	H
													H
													H
	*	2462	109.15	-	-	98.21	27.72	17.39	34.17	200	91	P	V
	*	2462	101.68	-	-	90.74	27.72	17.39	34.17	200	91	A	V
		2483.52	64.27	-9.73	74	53.24	27.77	17.43	34.17	200	91	P	V
		2483.52	51.09	-2.91	54	40.06	27.77	17.43	34.17	200	91	A	V
													V
													V
<b>Remark</b>	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. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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	44.97	-29.03	74	59.13	32.34	11.46	57.96	150	316	P	H
		4824	35.63	-18.37	54	49.79	32.34	11.46	57.96	150	316	A	H
													H
													H
													H
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													H
													H
			4824	47.07	-26.93	74	61.23	32.34	11.46	57.96	400	321	P
		4824	36.87	-17.13	54	51.03	32.34	11.46	57.96	400	321	A	V
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WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 06 2437MHz		4874	41.87	-32.13	74	55.63	32.6	11.63	57.99	200	313	P	H	
		4874	34.83	-19.17	54	48.59	32.6	11.63	57.99	200	313	A	H	
		7311	42.4	-31.6	74	50.75	37.06	13.32	58.73	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			4874	44.99	-29.01	74	58.75	32.6	11.63	57.99	250	317	P	V
			4874	37.66	-16.34	54	51.42	32.6	11.63	57.99	250	317	A	V
			7311	42.98	-31.02	74	51.33	37.06	13.32	58.73	-	-	P	V
														V
														V
														V
														V
														V
														V
													V	



WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 11 2462MHz		4924	44.02	-29.98	74	57.41	32.84	11.8	58.03	200	325	P	H	
		4924	36.64	-17.36	54	50.03	32.84	11.8	58.03	200	325	A	H	
		7386	42	-32	74	50.43	36.68	13.61	58.72	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			4924	44.57	-29.43	74	57.96	32.84	11.8	58.03	200	317	P	V
			4924	36.63	-17.37	54	50.02	32.84	11.8	58.03	200	317	A	V
			7386	41.9	-32.1	74	50.33	36.68	13.61	58.72	-	-	P	V
														V
														V
														V
														V
														V
														V
													V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>													





**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )	
802.11ax HE20 Full CH 01 2412MHz		2389.695	68.57	-5.43	74	58.02	27.46	17.29	34.2	250	28	P	H	
		2390	49.82	-4.18	54	39.27	27.46	17.29	34.2	250	28	A	H	
	*	2412	114.4	-	-	103.72	27.55	17.32	34.19	250	28	P	H	
	*	2412	105.34	-	-	94.66	27.55	17.32	34.19	250	28	A	H	
													H	
														H
			2389.905	65.34	-8.66	74	54.79	27.46	17.29	34.2	200	92	P	V
			2390	47.34	-6.66	54	36.79	27.46	17.29	34.2	200	92	A	V
		*	2412	111.49	-	-	100.81	27.55	17.32	34.19	200	92	P	V
		*	2412	102.21	-	-	91.53	27.55	17.32	34.19	200	92	A	V
													V	
													V	
802.11ax HE20 Full CH 06 2437MHz		2389.68	56.51	-17.49	74	45.96	27.46	17.29	34.2	193	25	P	H	
		2390	42.91	-11.09	54	32.36	27.46	17.29	34.2	193	25	A	H	
		*	2437	116.55	-	-	105.72	27.65	17.36	34.18	193	25	P	H
		*	2437	106.46	-	-	95.63	27.65	17.36	34.18	193	25	A	H
			2484	69.39	-4.61	74	58.36	27.77	17.43	34.17	193	25	P	H
			2483.52	51.34	-2.66	54	40.31	27.77	17.43	34.17	193	25	A	H
			2389.52	53.66	-20.34	74	43.11	27.46	17.29	34.2	394	99	P	V
			2390	41.7	-12.3	54	31.15	27.46	17.29	34.2	394	99	A	V
		*	2437	113.43	-	-	102.6	27.65	17.36	34.18	394	99	P	V
		*	2437	102.96	-	-	92.13	27.65	17.36	34.18	394	99	A	V
		2483.84	61.42	-12.58	74	50.39	27.77	17.43	34.17	394	99	P	V	
		2485.36	45.43	-8.57	54	34.4	27.77	17.43	34.17	394	99	A	V	



WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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)
802.11ax HE20 Full CH 11 2462MHz	*	2462	114.64	-	-	103.7	27.72	17.39	34.17	250	31	P	H
	*	2462	105.49	-	-	94.55	27.72	17.39	34.17	250	31	A	H
		2487.48	69.54	-4.46	74	58.5	27.77	17.43	34.16	250	31	P	H
		2483.52	51.15	-2.85	54	40.12	27.77	17.43	34.17	250	31	A	H
													H
													H
	*	2462	110.42	-	-	99.48	27.72	17.39	34.17	200	94	P	V
	*	2462	100.09	-	-	89.15	27.72	17.39	34.17	200	94	A	V
		2483.52	69.96	-4.04	74	58.93	27.77	17.43	34.17	200	94	P	V
		2483.76	49.45	-4.55	54	38.42	27.77	17.43	34.17	200	94	A	V
												V	
												V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol>												



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )
802.11ax HE20 Full CH 01 2412MHz		4824	42.82	-31.18	74	56.98	32.34	11.46	57.96	200	324	P	H
		4824	35.66	-18.34	54	49.82	32.34	11.46	57.96	200	324	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
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													H
													H
													H
													H
			4824	43.33	-30.67	74	57.49	32.34	11.46	57.96	210	318	P
		4824	35.95	-18.05	54	50.11	32.34	11.46	57.96	210	318	A	V
													V
													V
													V
													V
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WiFi Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )	
802.11ax HE20 Full CH 11 2462MHz		4924	41.49	-32.51	74	54.88	32.84	11.8	58.03	-	-	P	H	
		7386	42.64	-31.36	74	51.07	36.68	13.61	58.72	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
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													H	
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													H	
													H	
													H	
													H	
													H	
													H	
													H	
			4924	44.75	-29.25	74	58.14	32.84	11.8	58.03	200	311	P	V
			4924	38.35	-15.65	54	51.74	32.84	11.8	58.03	200	311	A	V
		7386	40.85	-33.15	74	49.28	36.68	13.61	58.72	-	-	P	V	
													V	
													V	
													V	
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													V	
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													V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>													



**2.4GHz 2400~2483.5MHz  
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )	
802.11ax HE20 Partial 106/53 CH 01 2412MHz		2389.695	59.44	-14.56	74	48.89	27.46	17.29	34.2	316	10	P	H	
		2390	41.98	-12.02	54	31.43	27.46	17.29	34.2	316	10	A	H	
	*	2412	114.85	-	-	104.17	27.55	17.32	34.19	316	10	P	H	
	*	2412	106.59	-	-	95.91	27.55	17.32	34.19	316	10	A	H	
													H	
														H
			2389.59	58.71	-15.29	74	48.16	27.46	17.29	34.2	202	91	P	V
			2390	41.64	-12.36	54	31.09	27.46	17.29	34.2	202	91	A	V
	*		2412	112.7	-	-	102.02	27.55	17.32	34.19	202	91	P	V
	*		2412	104.4	-	-	93.72	27.55	17.32	34.19	202	91	A	V
													V	
													V	
802.11ax HE20 Partial 106/54 CH 11 2462MHz	*	2462	114.57	-	-	103.63	27.72	17.39	34.17	100	149	P	H	
	*	2462	105.26	-	-	94.32	27.72	17.39	34.17	100	149	A	H	
			2483.88	70.1	-3.9	74	59.07	27.77	17.43	34.17	100	149	P	H
			2483.56	48.09	-5.91	54	37.06	27.77	17.43	34.17	100	149	A	H
														H
														H
	*		2462	108.49	-	-	97.55	27.72	17.39	34.17	204	94	P	V
	*		2462	99.53	-	-	88.59	27.72	17.39	34.17	204	94	A	V
			2486.76	65.26	-8.74	74	54.23	27.77	17.43	34.17	204	94	P	V
			2483.52	43.44	-10.56	54	32.41	27.77	17.43	34.17	204	94	A	V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**2.4GHz 2400~2483.5MHz  
WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )
802.11ax HE40 Full CH 03 2422MHz		2389.84	66.37	-7.63	74	55.82	27.46	17.29	34.2	250	36	P	H
		2390	50.66	-3.34	54	40.11	27.46	17.29	34.2	250	36	A	H
	*	2422	113.49	-	-	102.76	27.59	17.33	34.19	250	36	P	H
	*	2422	102.84	-	-	92.11	27.59	17.33	34.19	250	36	A	H
		2483.92	66.1	-7.9	74	55.07	27.77	17.43	34.17	250	36	P	H
		2483.52	50.65	-3.35	54	39.62	27.77	17.43	34.17	250	36	A	H
		2390	65	-9	74	54.45	27.46	17.29	34.2	250	113	P	V
		2390	49.83	-4.17	54	39.28	27.46	17.29	34.2	250	113	A	V
	*	2422	108.86	-	-	98.13	27.59	17.33	34.19	250	113	P	V
	*	2422	99.14	-	-	88.41	27.59	17.33	34.19	250	113	A	V
		2485.36	63.3	-10.7	74	52.27	27.77	17.43	34.17	250	113	P	V
		2483.52	48.15	-5.85	54	37.12	27.77	17.43	34.17	250	113	A	V
802.11ax HE40 Full CH 06 2437MHz		2325.36	52.21	-21.79	74	41.94	27.3	17.2	34.23	227	24	P	H
		2390	42.44	-11.56	54	31.89	27.46	17.29	34.2	227	24	A	H
	*	2437	112.22	-	-	101.39	27.65	17.36	34.18	227	24	P	H
	*	2437	101.8	-	-	90.97	27.65	17.36	34.18	227	24	A	H
		2485.2	68.28	-5.72	74	57.25	27.77	17.43	34.17	227	24	P	H
		2483.52	52.01	-1.99	54	40.98	27.77	17.43	34.17	227	24	A	H
		2322	52.54	-21.46	74	42.27	27.3	17.2	34.23	204	72	P	V
		2390	41.22	-12.78	54	30.67	27.46	17.29	34.2	204	72	A	V
	*	2437	108.69	-	-	97.86	27.65	17.36	34.18	204	72	P	V
	*	2437	97.78	-	-	86.95	27.65	17.36	34.18	204	72	A	V
		2487.2	62.09	-11.91	74	51.05	27.77	17.43	34.16	204	72	P	V
		2484.8	47.1	-6.9	54	36.07	27.77	17.43	34.17	204	72	A	V



WiFi Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )
802.11ax HE40 Full CH 09 2452MHz		2385.2	51.75	-22.25	74	41.23	27.44	17.28	34.2	100	137	P	H
		2390	41.31	-12.69	54	30.76	27.46	17.29	34.2	100	137	A	H
	*	2452	110.8	-	-	99.9	27.7	17.38	34.18	100	137	P	H
	*	2452	100.58	-	-	89.68	27.7	17.38	34.18	100	137	A	H
		2485.76	71.03	-2.97	74	60	27.77	17.43	34.17	100	137	P	H
		2486.64	52.37	-1.63	54	41.34	27.77	17.43	34.17	100	137	A	H
		2379.28	52.1	-21.9	74	41.62	27.42	17.27	34.21	235	90	P	V
		2390	41.27	-12.73	54	30.72	27.46	17.29	34.2	235	90	A	V
	*	2452	107.63	-	-	96.73	27.7	17.38	34.18	235	90	P	V
	*	2452	96.77	-	-	85.87	27.7	17.38	34.18	235	90	A	V
		2485.12	67.96	-6.04	74	56.93	27.77	17.43	34.17	235	90	P	V
		2483.6	51	-3	54	39.97	27.77	17.43	34.17	235	90	A	V
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>												





2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )	
802.11ax HE40 Full CH 03 2422MHz		4844	40.35	-33.65	74	54.34	32.46	11.52	57.97	-	-	P	H	
		7266	40.17	-33.83	74	48.66	37.1	13.15	58.74	-	-	P	H	
													H	
													H	
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													H	
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													H	
													H	
			4844	41.35	-32.65	74	55.34	32.46	11.52	57.97	-	-	P	V
			7266	40.41	-33.59	74	48.9	37.1	13.15	58.74	-	-	P	V
													V	
													V	
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WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )	
802.11ax HE40 Full CH 09 2452MHz		4904	40.87	-33.13	74	54.44	32.72	11.73	58.02	-	-	P	H	
		7356	40.44	-33.56	74	48.81	36.86	13.49	58.72	-	-	P	H	
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													H	
													H	
													H	
	802.11ax HE40 Full CH 09 2452MHz		4904	41.92	-32.08	74	55.49	32.72	11.73	58.02	-	-	P	V
			7356	40.33	-33.67	74	48.7	36.86	13.49	58.72	-	-	P	V
													V	
													V	
													V	
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													V	
Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>													



**2.4GHz 2400~2483.5MHz  
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)**

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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 )
802.11ax HE40 Partial 242/61 CH 03 2422MHz		2389.04	67.78	-6.22	74	57.23	27.46	17.29	34.2	101	156	P	H
		2389.68	46.19	-7.81	54	35.64	27.46	17.29	34.2	101	156	A	H
	*	2422	114.02	-	-	103.29	27.59	17.33	34.19	101	156	P	H
	*	2422	104.75	-	-	94.02	27.59	17.33	34.19	101	156	A	H
		2483.84	67.1	-6.9	74	56.07	27.77	17.43	34.17	101	156	P	H
		2484.08	44.12	-9.88	54	33.09	27.77	17.43	34.17	101	156	A	H
		2389.68	63.43	-10.57	74	52.88	27.46	17.29	34.2	202	89	P	V
		2390	44.61	-9.39	54	34.06	27.46	17.29	34.2	202	89	A	V
	*	2422	110.09	-	-	99.36	27.59	17.33	34.19	202	89	P	V
	*	2422	99.39	-	-	88.66	27.59	17.33	34.19	202	89	A	V
		2486.56	61.95	-12.05	74	50.92	27.77	17.43	34.17	202	89	P	V
		2486.32	42.39	-11.61	54	31.36	27.77	17.43	34.17	202	89	A	V
802.11ax HE40 Partial 242/62 CH 09 2452MHz		2390	56.38	-17.62	74	45.83	27.46	17.29	34.2	125	148	P	H
		2389.84	41.27	-12.73	54	30.72	27.46	17.29	34.2	125	148	A	H
	*	2452	112.97	-	-	102.07	27.7	17.38	34.18	125	148	P	H
	*	2452	102.82	-	-	91.92	27.7	17.38	34.18	125	148	A	H
		2484.8	71.08	-2.92	74	60.05	27.77	17.43	34.17	125	148	P	H
		2484.96	46.74	-7.26	54	35.71	27.77	17.43	34.17	125	148	A	H
		2339.6	52.62	-21.38	74	42.32	27.3	17.22	34.22	300	83	P	V
		2390	41.02	-12.98	54	30.47	27.46	17.29	34.2	300	83	A	V
	*	2452	107.93	-	-	97.03	27.7	17.38	34.18	300	83	P	V
	*	2452	98.37	-	-	87.47	27.7	17.38	34.18	300	83	A	V
	2487.04	64.95	-9.05	74	53.91	27.77	17.43	34.16	300	83	P	V	
	2483.52	46.07	-7.93	54	35.04	27.77	17.43	34.17	300	83	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz  
2.4GHz WIFI 802.11g (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
7+8		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
2.4GHz 802.11g LF		30	28.6	-11.4	40	35.99	23.92	0.84	32.15	-	-	P	H	
		91.29	30.46	-13.04	43.5	46.22	14.79	1.58	32.13	-	-	P	H	
		132.06	26.39	-17.11	43.5	39.41	17.31	1.83	32.16	-	-	P	H	
		938.4	32.78	-13.22	46	29.54	29.55	4.59	30.9	-	-	P	H	
		951.7	34.24	-11.76	46	30.09	30.26	4.67	30.78	-	-	P	H	
		967.1	34.82	-19.18	54	30.2	30.54	4.71	30.63	-	-	P	H	
														H
														H
														H
														H
														H
														H
			30.27	33.23	-6.77	40	40.73	23.8	0.85	32.15	-	-	P	V
			43.23	36.02	-3.98	40	49.56	17.58	1.11	32.23	100	15	Q	V
			89.94	29.8	-13.7	43.5	45.77	14.58	1.58	32.13	-	-	P	V
			935.6	32.88	-13.12	46	29.77	29.46	4.58	30.93	-	-	P	V
			957.3	33.81	-12.19	46	29.32	30.54	4.68	30.73	-	-	P	V
			986	34.47	-19.53	54	29.93	30.21	4.76	30.43	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	

**Remark**

- No other spurious found.
- All results are PASS against limit line.
- The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.



<Sample 1 with Battery 2>

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11g (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant. 7+8		( MHz )	( dBμV/m )	( dB )	Line ( dBμV/m )	Level ( dBμV )	Factor ( dB/m )	Loss ( dB )	Factor ( dB )	Pos ( cm )	Pos ( deg )	Avg. ( P/A )	( H/V )	
802.11g CH 01 2412MHz		2390	64.71	-9.29	74	54.16	27.46	17.29	34.2	106	16	P	H	
		2390	51.72	-2.28	54	41.17	27.46	17.29	34.2	106	16	A	H	
	*	2412	113.47	-	-	102.79	27.55	17.32	34.19	106	16	P	H	
	*	2412	106.09	-	-	95.41	27.55	17.32	34.19	106	16	A	H	
													H	
													H	
			2390	58.54	-15.46	74	47.99	27.46	17.29	34.2	220	122	P	V
			2390	45.76	-8.24	54	35.21	27.46	17.29	34.2	220	122	A	V
	*		2412	109	-	-	98.32	27.55	17.32	34.19	220	122	P	V
	*		2412	101.24	-	-	90.56	27.55	17.32	34.19	220	122	A	V
														V
														V
<b>Remark</b>	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. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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	44.07	-29.93	74	58.23	32.34	11.46	57.96	400	223	P	H
		4824	33.86	-20.14	54	48.02	32.34	11.46	57.96	400	223	A	H
													H
													H
													H
													H
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													H
													H
													H
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													H
													H
													H
													H
													H
			4824	46.21	-27.79	74	60.37	32.34	11.46	57.96	300	344	P
		4824	36.24	-17.76	54	50.4	32.34	11.46	57.96	300	344	A	V
													V
													V
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													V
													V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Sample 1 with Battery 3>

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant. 7+8		( MHz )	( dBμV/m )	( dB )	Line ( dBμV/m )	Level ( dBμV )	Factor ( dB/m )	Loss ( dB )	Factor ( dB )	Pos ( cm )	Pos ( deg )	Avg. ( P/A )	( H/V )	
802.11g CH 01 2412MHz		2390	64.65	-9.35	74	54.1	27.46	17.29	34.2	201	23	P	H	
		2390	52.3	-1.7	54	41.75	27.46	17.29	34.2	201	23	A	H	
	*	2412	113.58	-	-	102.9	27.55	17.32	34.19	201	23	P	H	
	*	2412	106.19	-	-	95.51	27.55	17.32	34.19	201	23	A	H	
													H	
													H	
			2390	60.87	-13.13	74	50.32	27.46	17.29	34.2	199	114	P	V
			2390	47.39	-6.61	54	36.84	27.46	17.29	34.2	199	114	A	V
	*		2412	109.41	-	-	98.73	27.55	17.32	34.19	199	114	P	V
	*		2412	101.83	-	-	91.15	27.55	17.32	34.19	199	114	A	V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





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

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( 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	44.01	-29.99	74	58.17	32.34	11.46	57.96	400	425	P	H
		4824	34.47	-19.53	54	48.63	32.34	11.46	57.96	400	425	A	H
													H
													H
													H
													H
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			4824	45.8	-28.2	74	59.96	32.34	11.46	57.96	300	347	P
		4824	36.5	-17.5	54	50.66	32.34	11.46	57.96	300	347	A	V
													V
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													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Sample 2 with Battery 1>

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant. 7+8		( MHz )	( dBμV/m )	( dB )	Line ( dBμV/m )	Level ( dBμV )	Factor ( dB/m )	Loss ( dB )	Factor ( dB )	Pos ( cm )	Pos ( deg )	Avg. ( P/A )	( H/V )	
802.11g CH 01 2412MHz		2390	65.34	-8.66	74	54.98	27.46	17.1	34.2	176	17	P	H	
		2390	52.55	-1.45	54	42.19	27.46	17.1	34.2	176	17	A	H	
	*	2412	116.38	-	-	105.87	27.57	17.13	34.19	176	17	P	H	
	*	2412	108.75	-	-	98.24	27.57	17.13	34.19	176	17	A	H	
													H	
														H
			2390	60.45	-13.55	74	50.09	27.46	17.1	34.2	200	70	P	V
			2390	47.31	-6.69	54	36.95	27.46	17.1	34.2	200	70	A	V
	*		2412	110.03	-	-	99.52	27.57	17.13	34.19	200	70	P	V
	*		2412	102.61	-	-	92.1	27.57	17.13	34.19	200	70	A	V
														V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI Ant. 7+8	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11g CH 01 2412MHz		4824	46.32	-27.68	74	59.95	32.54	11.79	57.96	216	48	P	H
		4824	36.31	-17.69	54	49.94	32.54	11.79	57.96	216	48	A	H
													H
													H
													H
													H
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													H
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													H
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			4824	47.24	-26.76	74	60.87	32.54	11.79	57.96	209	345	P
		4824	37.36	-16.64	54	50.99	32.54	11.79	57.96	209	345	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Note symbol**

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



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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		( 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. Margin(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. Margin(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. Margin(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

<b>Test Engineer :</b>	Yuan Lee, Bank Lin, Fu Chen and Troye Hsieh	<b>Temperature :</b>	17.9~25.9°C
		<b>Relative Humidity :</b>	35.1~63.6%

### Note symbol

-L	Low channel location
-R	High channel location

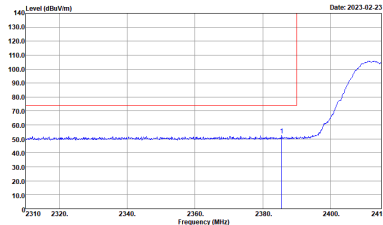
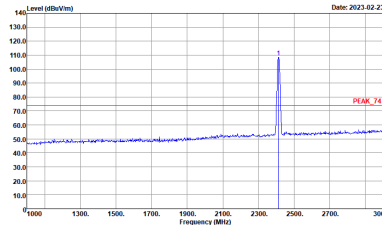
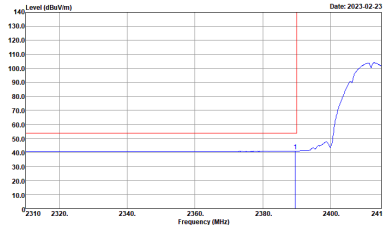
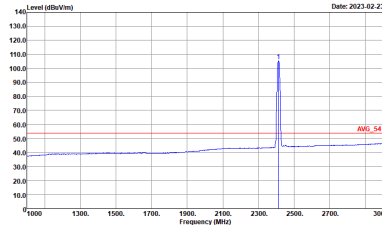


<Sample 1 with Battery 1>

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	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



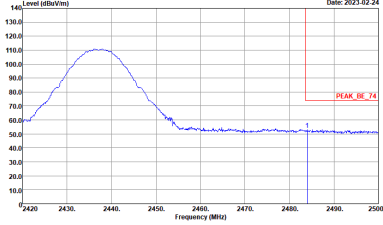
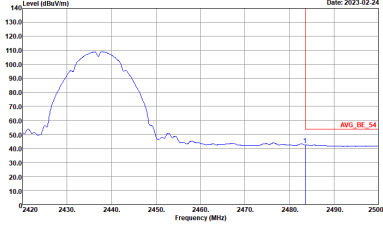
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



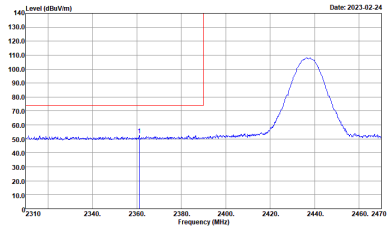
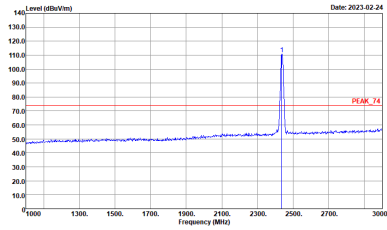
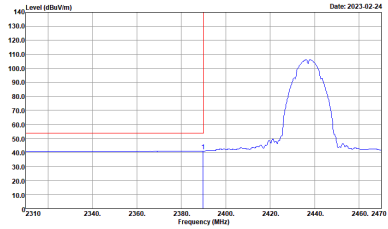
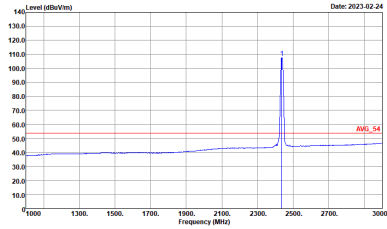


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
7+8	Horizontal	Fundamental
Peak		
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
7+8	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>

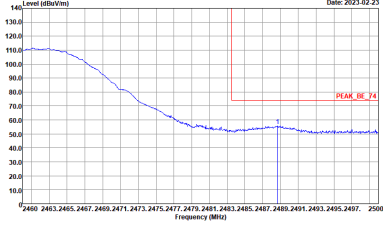
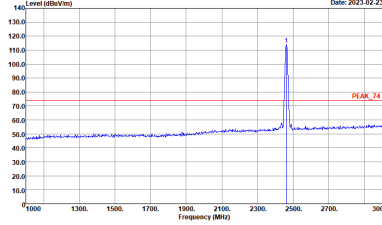
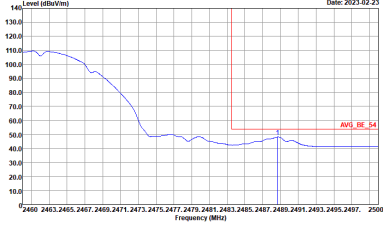
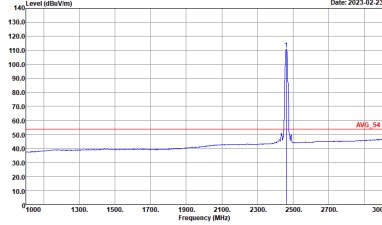


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>

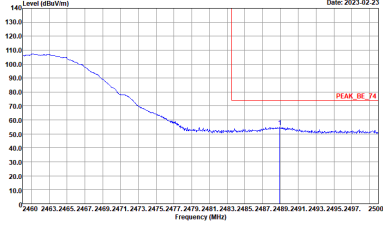
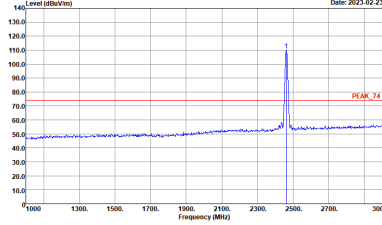
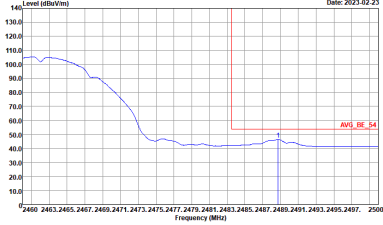
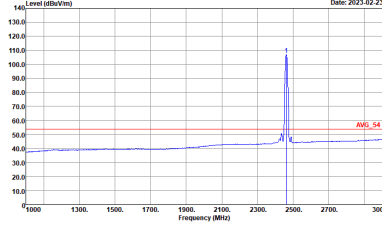


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-FY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



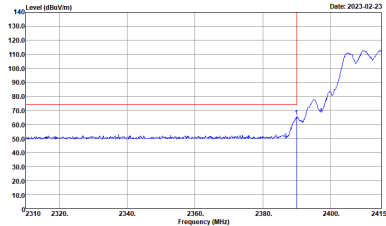
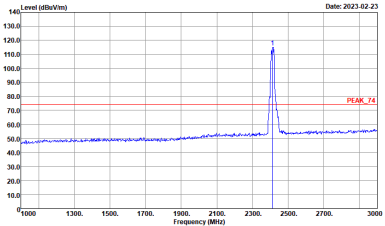
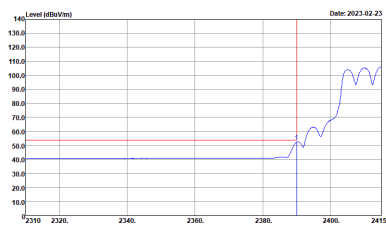
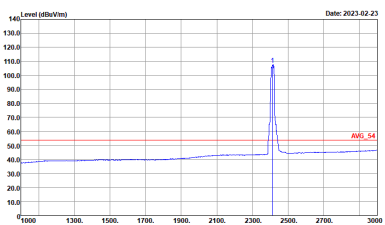
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:100.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:100.000kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



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

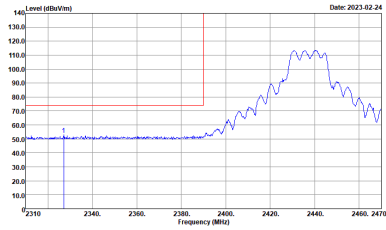
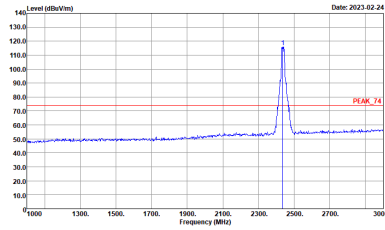
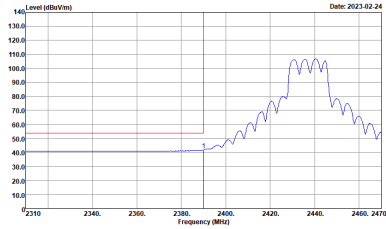
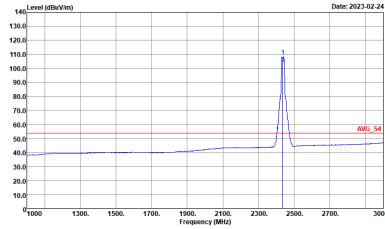
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH11-HY            Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL            : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY            Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL            : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>
<b>Avg.</b>	 <p>Site : 03CH11-HY            Condition : AV6_BE_54 3m 91200_1212_220310 HORIZONTAL            : RBW:1000.0000kHz VBW:0.0100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY            Condition : AV6_54 3m 91200_1212_220310 HORIZONTAL            : RBW:1000.0000kHz VBW:0.0100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



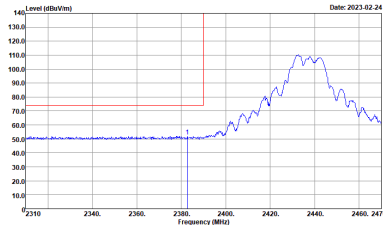
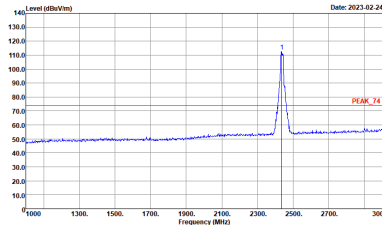
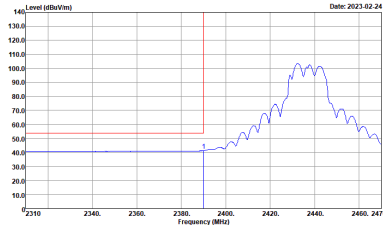
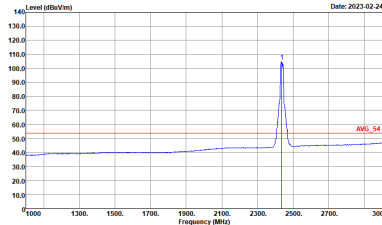


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

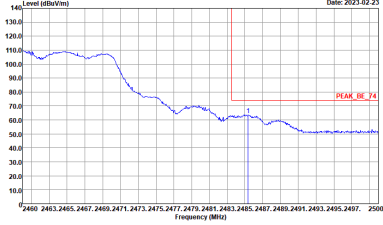
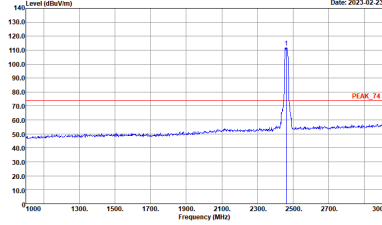
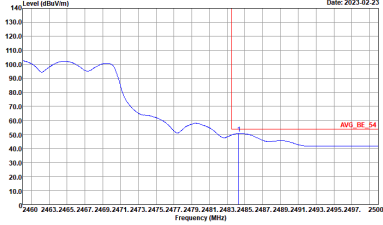
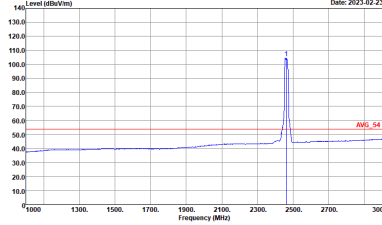


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>

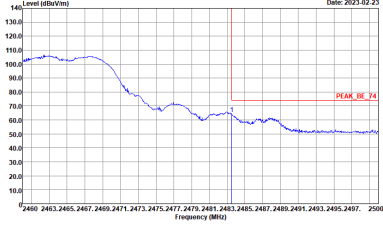
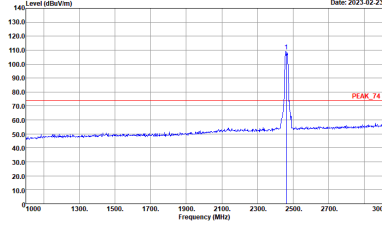
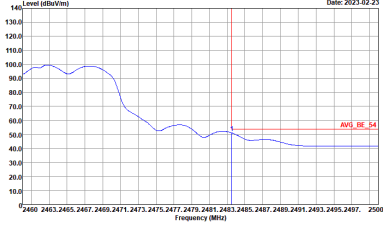
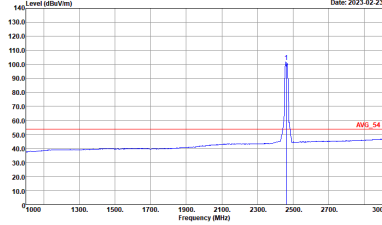


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left Blank
Avg.	<p>Site : 03CH11-FY Condition : AVG_BE_64 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left Blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>

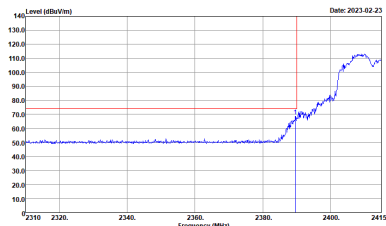
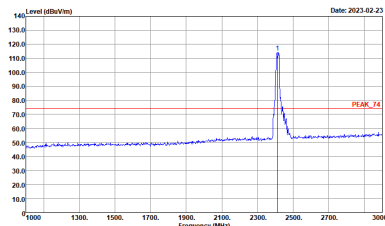
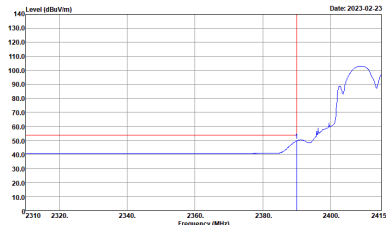
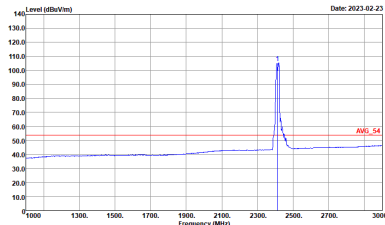


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>

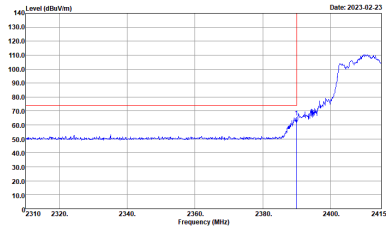
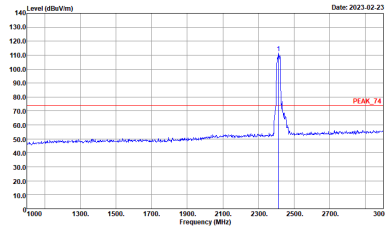
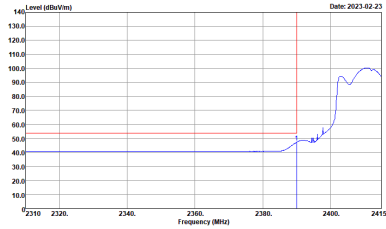
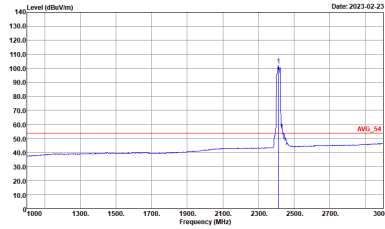


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AV6_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AV6_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
7+8	Horizontal	Fundamental
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>

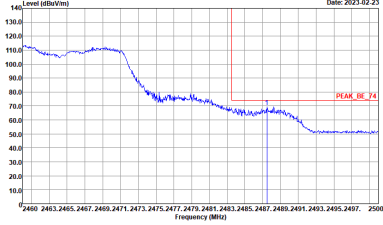
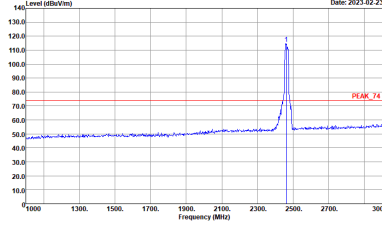
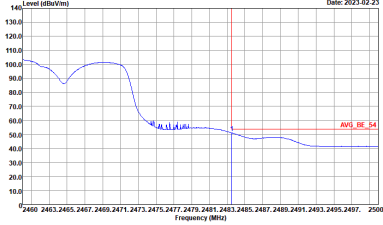
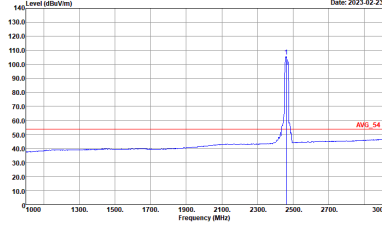


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>

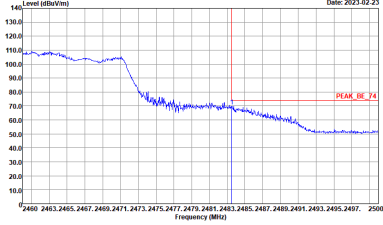
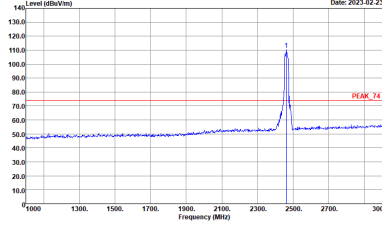
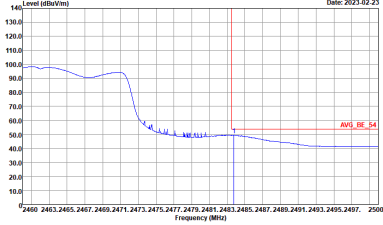
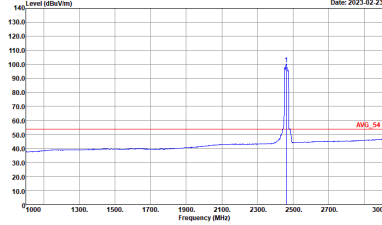


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
7+8	Vertical	Fundamental
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

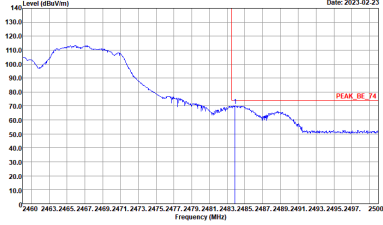
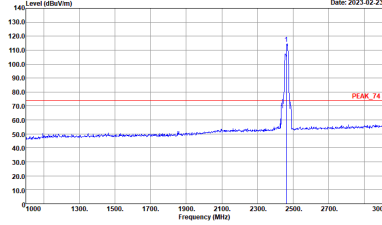
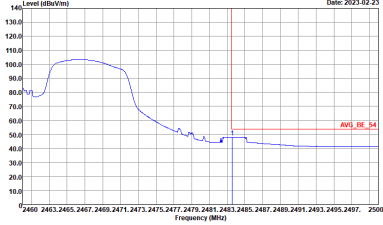
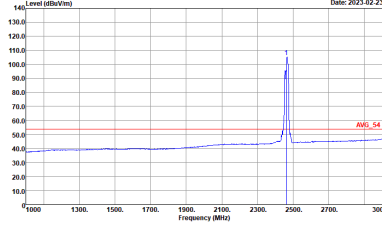
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.0000kHz VBW:0.0100kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.0000kHz VBW:0.0100kHz SWT:Auto</p>



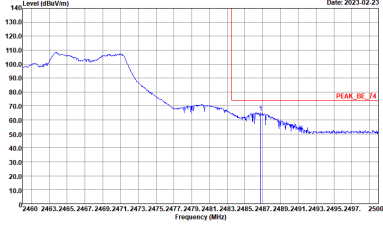
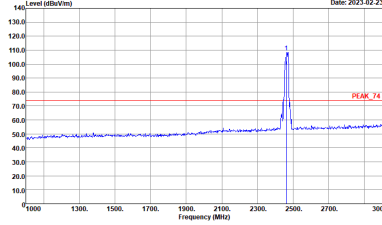
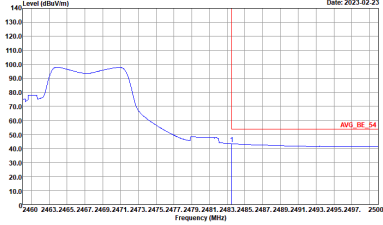
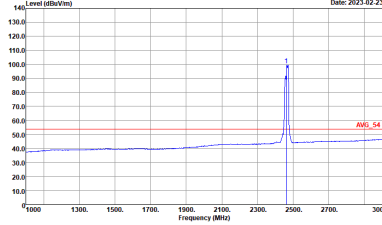
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>

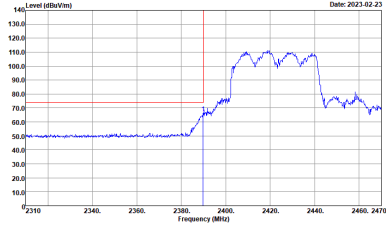
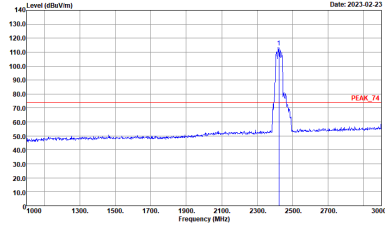
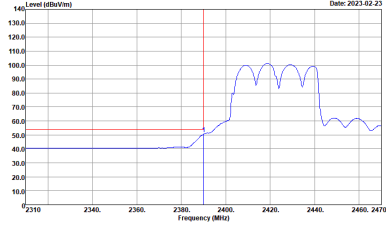
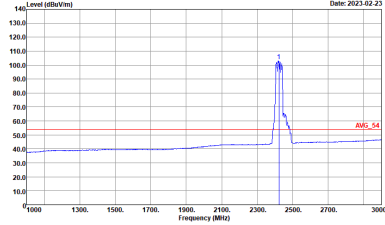


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz

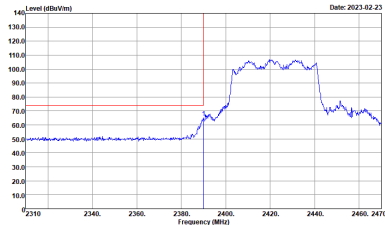
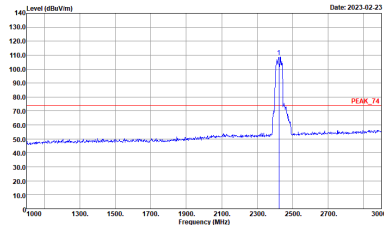
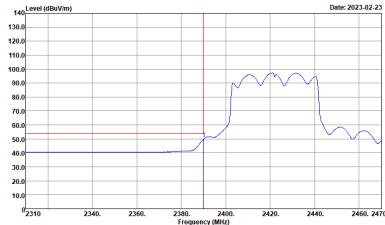
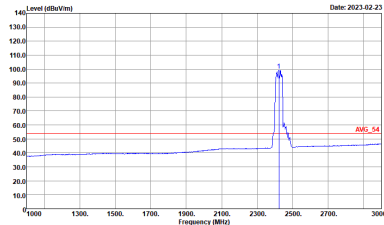
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-FY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto</p>	Left blank

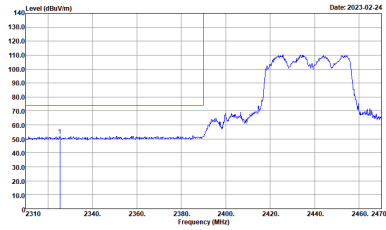
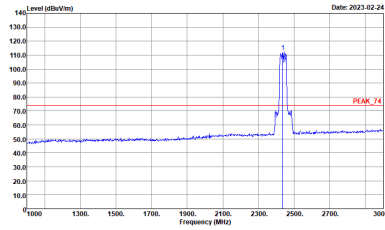
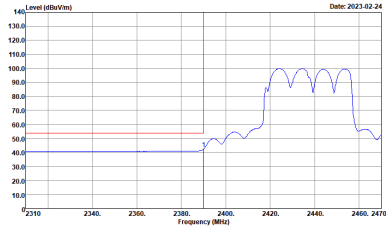
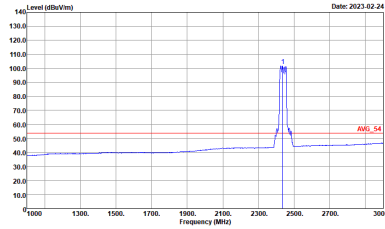


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-FY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



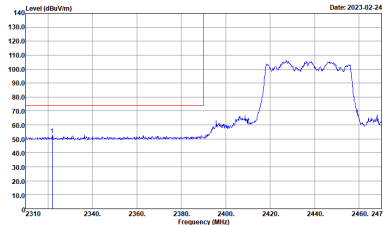
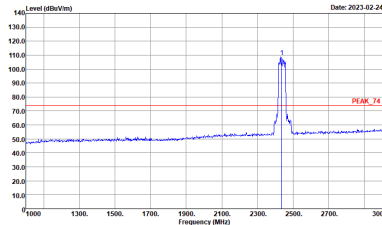
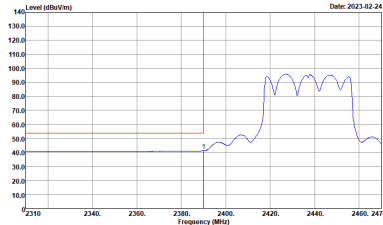
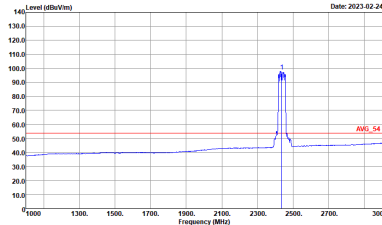
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
7+8	Horizontal	Fundamental
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>



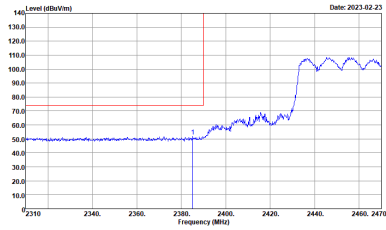
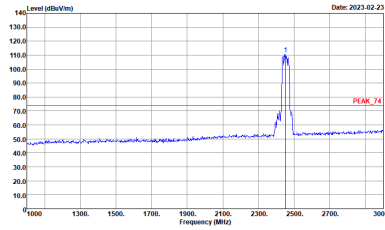
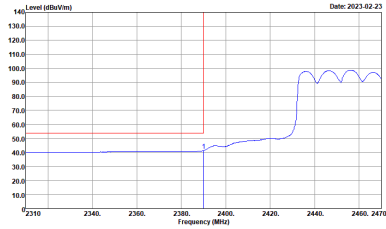
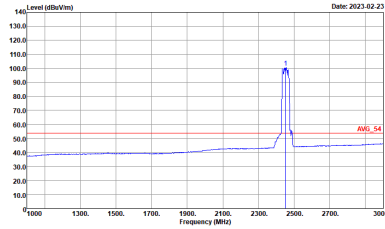


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-FY Condition : AVG_BE_64 3m 91200_1212_220310 VERTICAL : RBW:10000000Hz VBW:101000Hz SWT:Auto</p>	Left blank

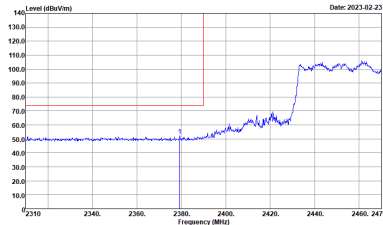
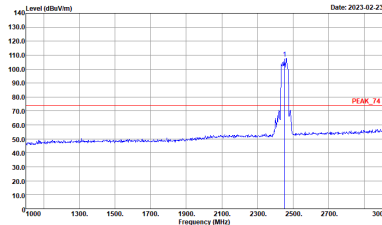
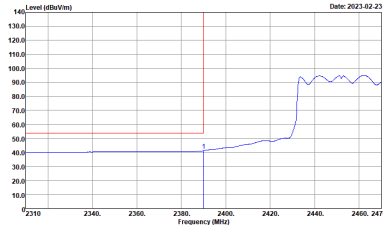
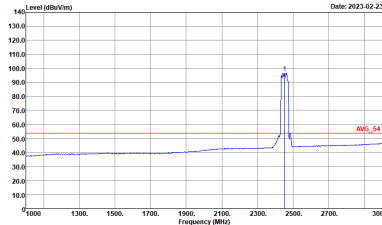


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:100.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:100.000kHz SWT:Auto</p>

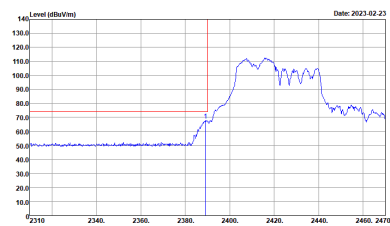
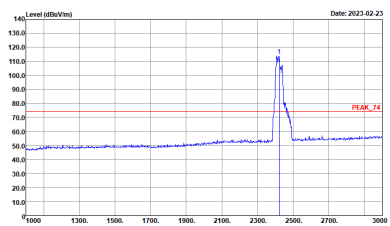
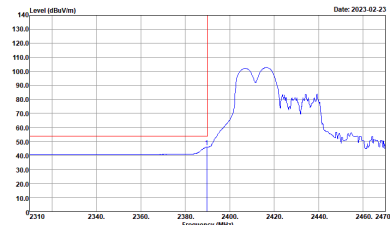
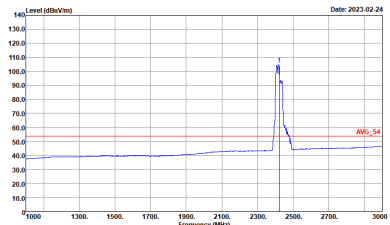


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-FY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

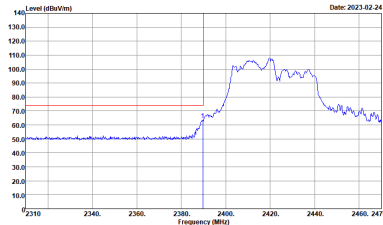
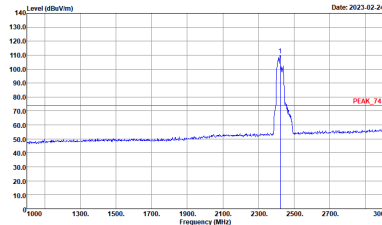
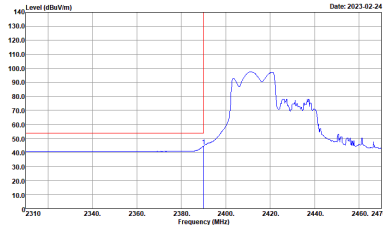
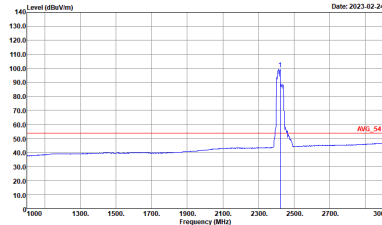
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AV6_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AV6_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:10000000Hz VBW:30000000Hz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-FY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:10000000Hz VBW:101000Hz SWT:Auto</p>	Left blank

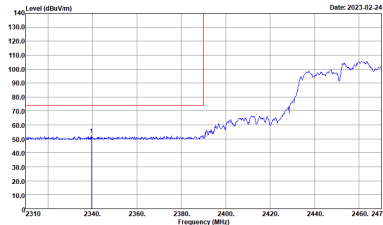
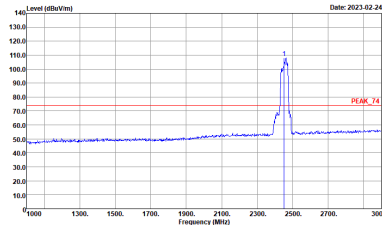
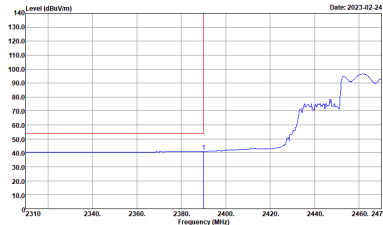
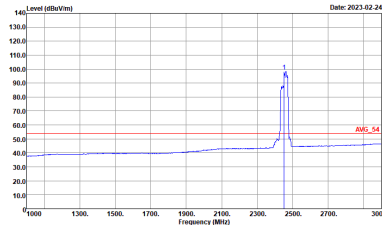


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>

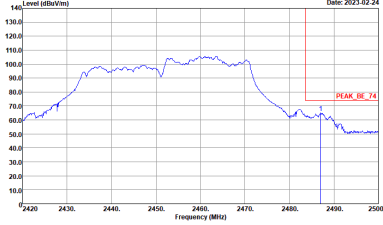
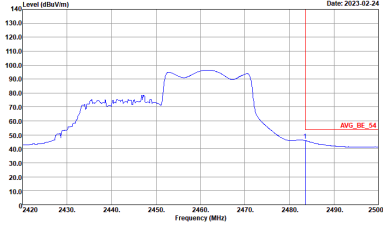


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-FY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
7+8	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-FY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-FY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto</p>	<p>Left blank</p>



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

Table with 2 columns: Horizontal and Vertical. Each column contains a graph of Level (dBm/Vm) vs Frequency (MHz) with peak and average values indicated. Includes site and condition details for both orientations.



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
7+8	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL :</p>	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL :</p>





WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
7+8	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL :</p>	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL :</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL :</p>	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL :</p>



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-1F Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL :</p>	<p>Site : 03CH11-1F Condition : PEAK_74 3m 91200_1212_220310 VERTICAL :</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-FY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



**2.4GHz 2400~2483.5MHz**  
**WIFI 802.11 ax HE40 Full (Harmonic @ 3m)**

<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11 ax HE40 Full CH03 2422MHz</b>	
<b>7+8</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 03CH11-4Y          Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-4Y          Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>





WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-1F Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL :</p>	<p>Site : 03CH11-1F Condition : PEAK_74 3m 91200_1212_220310 VERTICAL :</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-1F Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL :</p>	<p>Site : 03CH11-1F Condition : PEAK_74 3m 91200_1212_220310 VERTICAL :</p>



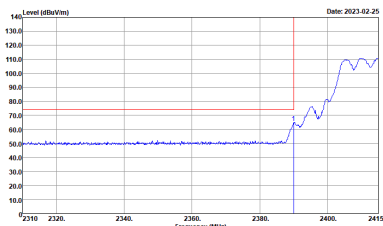
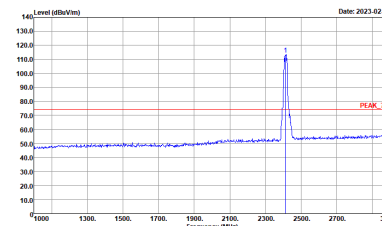
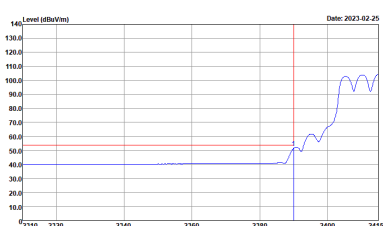
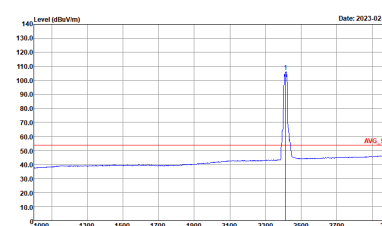
Emission below 1GHz  
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
7+8	Horizontal	Vertical
QP / Peak	<p>Site : 03CH11-HY Condition : QP 3m 2_BLOG_35414_221008 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : QP 3m 2_BLOG_35414_221008 VERTICAL</p>



<Sample 1 with Battery 2>

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	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>



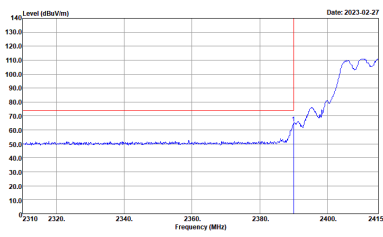
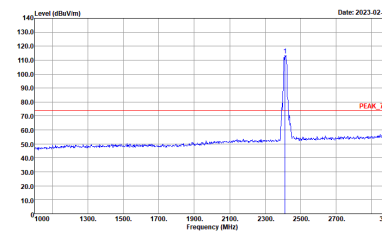
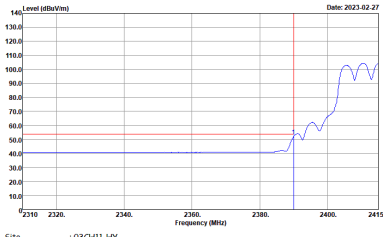
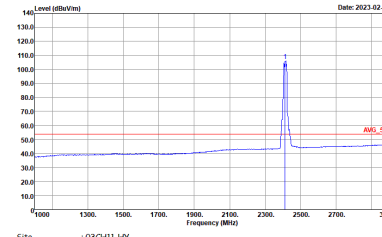
2.4GHz 2400~2483.5MHz  
 WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-4Y          Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-4Y          Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



<Sample 1 with Battery 3>

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	
7+8	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.0000kHz VBW:0.0100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 HORIZONTAL : RBW:1000.0000kHz VBW:0.0100kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AVG_54 3m 91200_1212_220310 VERTICAL : RBW:1000.000kHz VBW:10100kHz SWT:Auto</p>





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

Table with 3 columns: WIFI (2.4GHz 2400~2483.5MHz Harmonic @ 3m), ANT (802.11g CH01 2412MHz), and 7+8 (Horizontal/Vertical). It contains two graphs showing Level (dBuV/m) vs Frequency (MHz) for Peak and Avg. measurements.



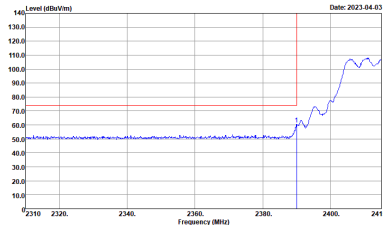
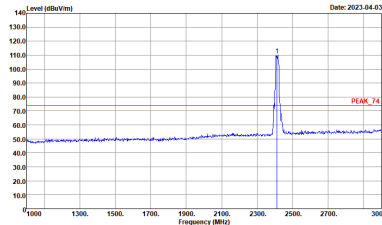
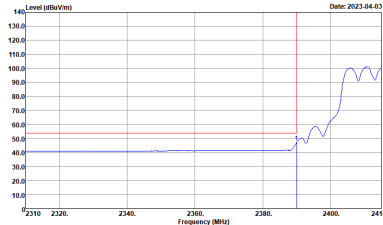
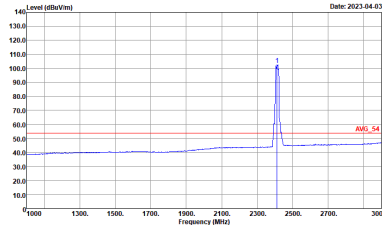
<Sample 2 with Battery 1>

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	
7+8	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	<p>Site : 03CH11-HY Condition : AV6_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : AV6_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.0100kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.0100kHz SWT:Auto</p>



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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



## Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
7+8	2.4GHz 802.11b	98.00	-	-	0.01kHz
7+8	2.4GHz 802.11g	99.05	-	-	0.01kHz
7+8	2.4GHz 802.11ax HE20 Full RU	100.00	-	-	0.01kHz
7+8	2.4GHz 802.11ax HE20 106 RU	99.58	-	-	0.01kHz
7+8	2.4GHz 802.11ax HE40 Full RU	100.00	-	-	0.01kHz
7+8	2.4GHz 802.11ax HE40 242 RU	99.24	-	-	0.01kHz

### MIMO <Ant. 7+8>

