

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant1	Ant3	Ant1	Ant3		
11b	1Mbps	2	1	2412	13.34	13.59	7.59	8.55	0.50	Pass
11b	1Mbps	2	6	2437	13.24	13.24	8.08	8.08	0.50	Pass
11b	1Mbps	2	11	2462	13.34	13.19	8.08	8.07	0.50	Pass
11g	6Mbps	2	1	2412	17.08	16.83	15.72	15.75	0.50	Pass
11g	6Mbps	2	6	2437	16.68	16.58	15.70	16.31	0.50	Pass
11g	6Mbps	2	10	2457	17.13	17.33	15.69	16.32	0.50	Pass
11g	6Mbps	2	11	2462	16.43	16.43	15.79	16.32	0.50	Pass

TEST RESULTS DATA
Average Output Power

2.4GHz Band MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		Pass /Fail
					Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	
11b	1Mbps	2	1	2412	22.99	23.02	26.02	30.00		2.50		Pass
11b	1Mbps	2	6	2437	22.86	23.06	25.97	30.00		2.50		Pass
11b	1Mbps	2	11	2462	22.88	22.80	25.85	30.00		2.50		Pass
11g	6Mbps	2	1	2412	21.93	21.91	24.93	30.00		2.50		Pass
11g	6Mbps	2	6	2437	21.95	21.97	24.97	30.00		2.50		Pass
11g	6Mbps	2	10	2457	20.82	21.09	23.97	30.00		2.50		Pass
11g	6Mbps	2	11	2462	18.74	18.63	21.70	30.00		2.50		Pass
HT20	MCS0	2	1	2412	21.24	21.24	24.25	30.00		2.50		Pass
HT20	MCS0	2	6	2437	21.67	21.65	24.67	30.00		2.50		Pass
HT20	MCS0	2	10	2457	20.04	20.30	23.18	30.00		2.50		Pass
HT20	MCS0	2	11	2462	18.38	18.43	21.42	30.00		2.50		Pass
HT40	MCS0	2	3	2422	21.17	21.32	24.26	30.00		2.50		Pass
HT40	MCS0	2	6	2437	19.78	19.91	22.86	30.00		2.50		Pass
HT40	MCS0	2	9	2452	17.44	17.51	20.49	30.00		2.50		Pass
VHT20	MCS0	2	1	2412	21.23	21.17	24.21	30.00		2.50		Pass
VHT20	MCS0	2	6	2437	21.60	21.68	24.65	30.00		2.50		Pass
VHT20	MCS0	2	10	2457	20.12	20.22	23.18	30.00		2.50		Pass
VHT20	MCS0	2	11	2462	18.36	18.45	21.42	30.00		2.50		Pass
VHT40	MCS0	2	3	2422	21.19	21.28	24.25	30.00		2.50		Pass
VHT40	MCS0	2	6	2437	19.74	19.91	22.84	30.00		2.50		Pass
VHT40	MCS0	2	9	2452	17.47	17.49	20.49	30.00		2.50		Pass

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

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant1	Ant3	Worse + 3.01	Ant1	Ant3	Ant1	Ant3	
11b	1Mbps	2	1	2412	1.93	0.89	4.94	2.50		8.00		Pass
11b	1Mbps	2	6	2437	1.23	1.07	4.24	2.50		8.00		Pass
11b	1Mbps	2	11	2462	1.63	1.13	4.64	2.50		8.00		Pass
11g	6Mbps	2	1	2412	-3.60	-3.02	-0.01	2.50		8.00		Pass
11g	6Mbps	2	6	2437	-3.34	-3.12	-0.11	2.50		8.00		Pass
11g	6Mbps	2	10	2457	-5.71	-5.08	-2.07	2.50		8.00		Pass
11g	6Mbps	2	11	2462	-6.69	-6.95	-3.68	2.50		8.00		Pass

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

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band MIMO											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
						Ant1	Ant3	Ant1	Ant3		
HE20	MCS0	2	1	2412	Full	19.03	19.08	17.15	18.01	0.50	Pass
HE20	MCS0	2	6	2437	Full	19.08	19.03	18.79	18.49	0.50	Pass
HE20	MCS0	2	10	2457	Full	19.43	19.38	18.65	18.57	0.50	Pass
HE20	MCS0	2	11	2462	Full	18.98	18.98	18.82	18.64	0.50	Pass
HE40	MCS0	2	3	2422	Full	37.86	37.96	36.52	36.58	0.50	Pass
HE40	MCS0	2	6	2437	Full	37.96	37.86	37.94	37.64	0.50	Pass
HE40	MCS0	2	9	2452	Full	37.96	37.96	38.02	37.44	0.50	Pass

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)		Pass /Fail
						Ant1	Ant3	SUM	Ant1	Ant3	Ant1	Ant3	
HE20	MCS0	2	1	2412	Full	21.27	21.26	24.28	30.00		2.50		Pass
HE20	MCS0	2	6	2437	Full	21.73	21.73	24.74	30.00		2.50		Pass
HE20	MCS0	2	10	2457	Full	20.16	20.28	23.23	30.00		2.50		Pass
HE20	MCS0	2	11	2462	Full	18.51	18.54	21.54	30.00		2.50		Pass
HE40	MCS0	2	3	2422	Full	21.21	21.32	24.28	30.00		2.50		Pass
HE40	MCS0	2	6	2437	Full	19.78	19.94	22.87	30.00		2.50		Pass
HE40	MCS0	2	9	2452	Full	17.41	17.56	20.50	30.00		2.50		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
						Ant1	Ant3	Worse + 3.01	Ant1	Ant3	Ant1	Ant3	
HE20	MCS0	2	1	2412	Full	-2.77	-3.81	0.24	2.50		8.00		Pass
HE20	MCS0	2	6	2437	Full	-3.05	-3.34	-0.04	2.50		8.00		Pass
HE20	MCS0	2	10	2457	Full	-4.46	-4.89	-1.45	2.50		8.00		Pass
HE20	MCS0	2	11	2462	Full	-6.37	-6.02	-3.01	2.50		8.00		Pass
HE40	MCS0	2	3	2422	Full	-5.26	-4.89	-1.88	2.50		8.00		Pass
HE40	MCS0	2	6	2437	Full	-8.06	-7.76	-4.75	2.50		8.00		Pass
HE40	MCS0	2	9	2452	Full	-10.44	-9.71	-6.70	2.50		8.00		Pass

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



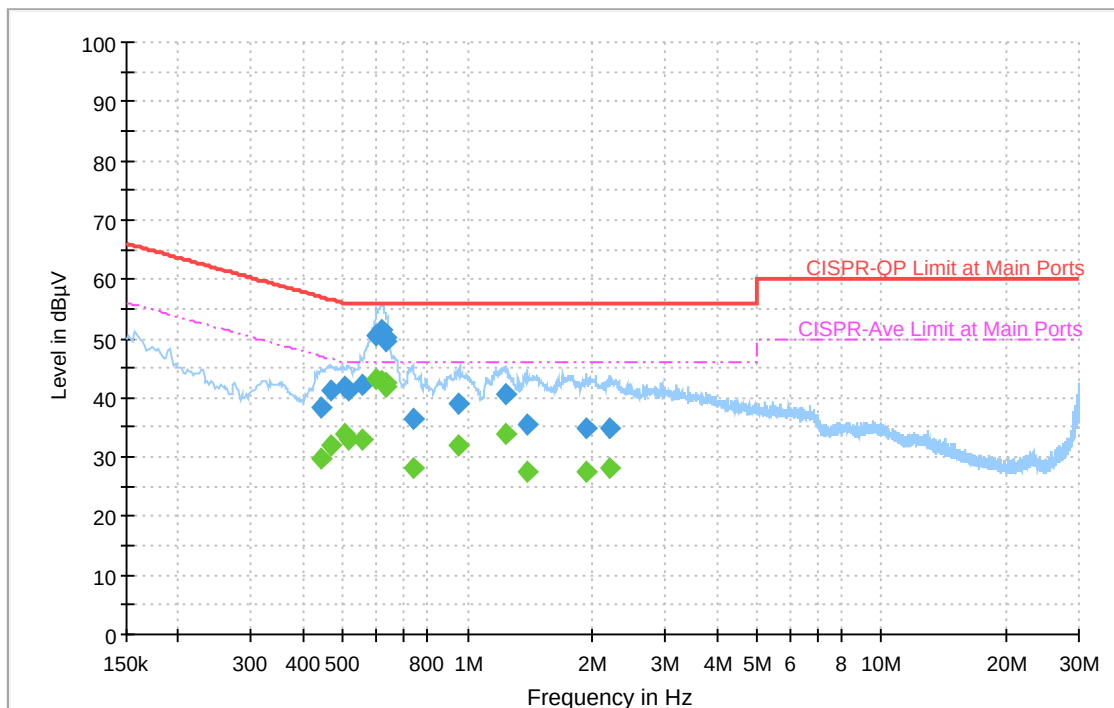
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Venkata Kondepud and Leo Liu	Temperature :	23~25°C
		Relative Humidity :	43~47%

EUT Information

Site: CO01-CA
Power: 120Vac/60Hz
Mode: 1
Project: 220302001

Full Spectrum



Final Result

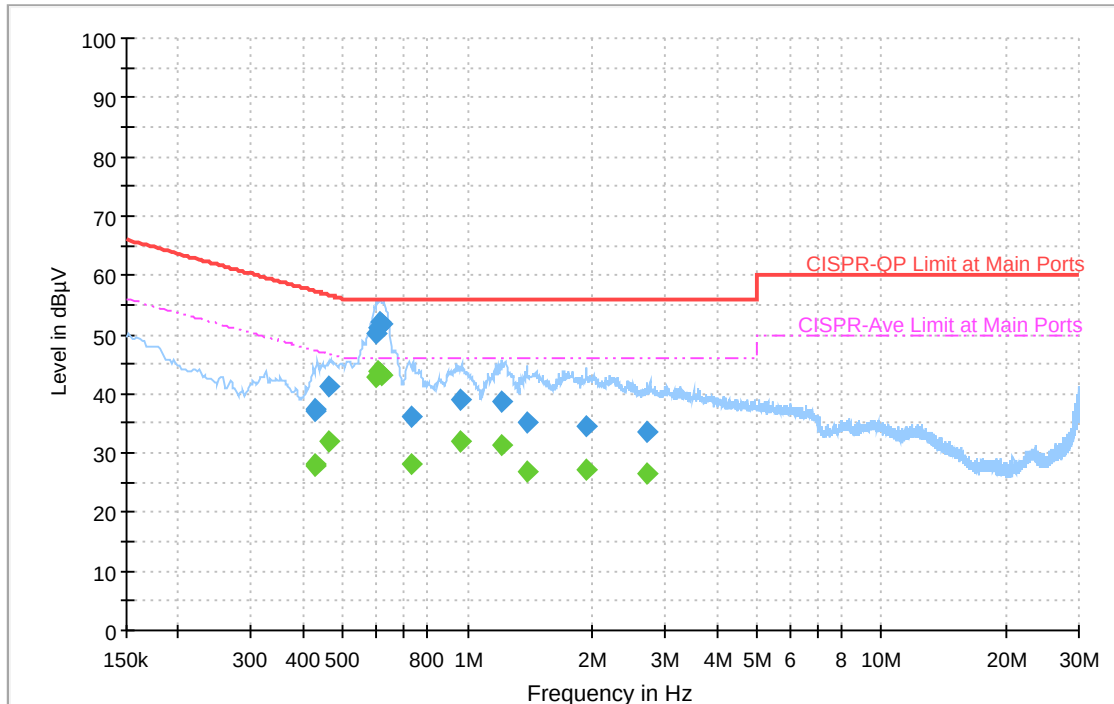
Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.440475	38.49	---	57.05	18.56	L1	OFF	20.3
0.440475	---	29.79	47.05	17.26	L1	OFF	20.3
0.468105	41.06	---	56.55	15.49	L1	OFF	20.3
0.468105	---	31.82	46.55	14.73	L1	OFF	20.3
0.504096	41.79	---	56.00	14.21	L1	OFF	20.3
0.504096	---	33.94	46.00	12.06	L1	OFF	20.3
0.517623	41.28	---	56.00	14.72	L1	OFF	20.3
0.517623	---	32.81	46.00	13.19	L1	OFF	20.3
0.555900	42.06	---	56.00	13.94	L1	OFF	20.3
0.555900	---	32.93	46.00	13.07	L1	OFF	20.3
0.602340	50.43	---	56.00	5.57	L1	OFF	20.3
0.602340	---	43.04	46.00	2.96	L1	OFF	20.3
0.618198	51.56	---	56.00	4.44	L1	OFF	20.3
0.618198	---	42.92	46.00	3.08	L1	OFF	20.3
0.631887	50.13	---	56.00	5.87	L1	OFF	20.3
0.631887	---	42.43	46.00	3.57	L1	OFF	20.3
0.634146	49.63	---	56.00	6.37	L1	OFF	20.3
0.634146	---	41.97	46.00	4.03	L1	OFF	20.3
0.738537	36.35	---	56.00	19.65	L1	OFF	20.3
0.738537	---	28.06	46.00	17.94	L1	OFF	20.3
0.955284	38.89	---	56.00	17.11	L1	OFF	20.3

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.955284	---	31.84	46.00	14.16	L1	OFF	20.3
1.233069	40.44	---	56.00	15.56	L1	OFF	20.3
1.233069	---	33.76	46.00	12.24	L1	OFF	20.3
1.385637	35.35	---	56.00	20.65	L1	OFF	20.3
1.385637	---	27.37	46.00	18.63	L1	OFF	20.3
1.924134	34.89	---	56.00	21.11	L1	OFF	20.3
1.924134	---	27.57	46.00	18.43	L1	OFF	20.3
2.193000	34.97	---	56.00	21.03	L1	OFF	20.3
2.193000	---	28.00	46.00	18.00	L1	OFF	20.3

EUT Information

Site: CO01-CA
Power: 120Vac/60Hz
Mode: 1
Project: 220302001

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.428523	---	28.06	47.28	19.22	N	OFF	20.3
0.428523	37.00	---	57.28	20.28	N	OFF	20.3
0.429396	---	27.87	47.26	19.39	N	OFF	20.3
0.429396	37.35	---	57.26	19.91	N	OFF	20.3
0.464388	---	32.07	46.61	14.54	N	OFF	20.3
0.464388	41.23	---	56.61	15.38	N	OFF	20.3
0.597489	---	42.95	46.00	3.05	N	OFF	20.3
0.597489	50.22	---	56.00	5.78	N	OFF	20.3
0.604590	---	43.64	46.00	2.36	N	OFF	20.3
0.604590	51.23	---	56.00	4.77	N	OFF	20.3
0.613986	---	43.42	46.00	2.58	N	OFF	20.3
0.613986	52.10	---	56.00	3.90	N	OFF	20.3
0.622581	---	43.06	46.00	2.94	N	OFF	20.3
0.622581	51.74	---	56.00	4.26	N	OFF	20.3
0.734325	---	28.21	46.00	17.79	N	OFF	20.3
0.734325	36.25	---	56.00	19.75	N	OFF	20.3
0.963699	---	32.09	46.00	13.91	N	OFF	20.3
0.963699	38.93	---	56.00	17.07	N	OFF	20.3
1.204926	---	31.21	46.00	14.79	N	OFF	20.3
1.204926	38.76	---	56.00	17.24	N	OFF	20.3
1.388652	---	26.99	46.00	19.01	N	OFF	20.3

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
1.388652	35.09	---	56.00	20.91	N	OFF	20.3
1.931433	---	27.07	46.00	18.93	N	OFF	20.3
1.931433	34.40	---	56.00	21.60	N	OFF	20.3
2.714397	---	26.58	46.00	19.42	N	OFF	20.3
2.714397	33.53	---	56.00	22.47	N	OFF	20.3



Appendix C. Radiated Spurious Emission

Test Engineer :	Fu Chen	Temperature :	20~24°C
		Relative Humidity :	42~47%

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.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2327.43	55.62	-18.38	74	41.95	27.89	17.31	31.53	370	354	P	H
		2348.325	45.81	-8.19	54	32.2	27.79	17.34	31.52	370	354	A	H
	*	2412	116.7	-	-	103.07	27.66	17.46	31.49	370	354	P	H
	*	2412	114.21	-	-	100.58	27.66	17.46	31.49	370	354	A	H
													H
													H
		2375.625	55.45	-18.55	74	41.74	27.83	17.4	31.52	103	312	P	V
		2348.22	45.86	-8.14	54	32.13	27.91	17.34	31.52	103	312	A	V
	*	2412	117.16	-	-	103.49	27.7	17.46	31.49	103	312	P	V
	*	2412	114.65	-	-	100.98	27.7	17.46	31.49	103	312	A	V
													V
													V
802.11b CH 06 2437MHz		2317.95	55.26	-18.74	74	41.56	27.94	17.29	31.53	400	357	P	H
		2363.85	45.62	-8.38	54	32.03	27.74	17.38	31.53	400	357	A	H
	*	2437	115.25	-	-	101.57	27.66	17.5	31.48	400	357	P	H
	*	2437	112.67	-	-	98.99	27.66	17.5	31.48	400	357	A	H
		2497.84	55.25	-18.75	74	41.48	27.61	17.61	31.45	400	357	P	H
		2487.76	45.97	-8.03	54	32.22	27.62	17.59	31.46	400	357	A	H
		2375.1	54.98	-19.02	74	41.27	27.83	17.4	31.52	153	311	P	V
		2328.45	45.72	-8.28	54	32.02	27.92	17.31	31.53	153	311	A	V
	*	2437	117.21	-	-	103.59	27.6	17.5	31.48	153	311	P	V
	*	2437	114.66	-	-	101.04	27.6	17.5	31.48	153	311	A	V
		2494.08	55.19	-18.81	74	41.56	27.49	17.6	31.46	153	311	P	V
		2487.2	46.48	-7.52	54	32.85	27.5	17.59	31.46	153	311	A	V



802.11b CH 11 2462MHz	*	2462	116.43	-	-	102.7	27.65	17.55	31.47	104	295	P	H
	*	2462	113.93	-	-	100.2	27.65	17.55	31.47	104	295	A	H
		2490.96	58.82	-15.18	74	45.06	27.62	17.6	31.46	104	295	P	H
		2490.48	53.07	-0.93	54	39.32	27.62	17.59	31.46	104	295	A	H
													H
													H
	*	2462	117.31	-	-	103.69	27.54	17.55	31.47	123	313	P	V
	*	2462	114.82	-	-	101.2	27.54	17.55	31.47	123	313	A	V
		2491.08	59.63	-14.37	74	45.99	27.5	17.6	31.46	123	313	P	V
		2490.4	52.53	-1.47	54	38.9	27.5	17.59	31.46	123	313	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 1+3	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	45.29	-28.71	74	70.23	31.49	11.45	67.88	222	314	P	H
		4824	41.04	-12.96	54	65.98	31.49	11.45	67.88	222	314	A	H
		11715	50.41	-23.59	74	60.73	39.42	17.97	67.71	-	-	P	H
		11715	40.13	-13.87	54	50.45	39.42	17.97	67.71	-	-	A	H
		14490	51.91	-22.09	74	57.75	41.94	20.2	67.98	-	-	P	H
		14490	43.05	-10.95	54	48.89	41.94	20.2	67.98	-	-	A	H
		18000	58.63	-15.37	74	57.62	48.82	21.91	69.72	-	-	P	H
		18000	50.48	-3.52	54	49.47	48.82	21.91	69.72	-	-	A	H
													H
													H
													H
													H
		4824	39.98	-34.02	74	64.87	31.54	11.45	67.88	-	-	P	V
		11355	49.33	-24.67	74	60.07	39.84	17.62	68.2	-	-	P	V
		11355	39.81	-14.19	54	50.55	39.84	17.62	68.2	-	-	A	V
		14490	51.16	-22.84	74	57	41.94	20.2	67.98	-	-	P	V
		14490	43.09	-10.91	54	48.93	41.94	20.2	67.98	-	-	A	V
		18000	59.44	-14.56	74	58.21	49.04	21.91	69.72	-	-	P	V
		18000	50.74	-3.26	54	49.51	49.04	21.91	69.72	-	-	A	V
													V
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													V
													V
													V



WIFI Ant. 1+3	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 06 2437MHz		4874	47.72	-26.28	74	72.7	31.45	11.48	67.91	218	292	P	H
		4874	43.62	-10.38	54	68.6	31.45	11.48	67.91	218	292	A	H
		7311	44.38	-29.62	74	61.13	36.33	13.91	66.99	-	-	P	H
		11445	50.4	-23.6	74	60.47	40.1	17.72	67.89	-	-	P	H
		11445	40.57	-13.43	54	50.64	40.1	17.72	67.89	-	-	A	H
		14490	51.58	-22.42	74	57.42	41.94	20.2	67.98	-	-	P	H
		14490	43.29	-10.71	54	49.13	41.94	20.2	67.98	-	-	A	H
		17970	59.15	-14.85	74	59.28	48.04	21.9	70.07	-	-	P	H
		17970	49.3	-4.7	54	49.43	48.04	21.9	70.07	-	-	A	H
													H
													H
													H
		4874	39.6	-34.4	74	64.62	31.41	11.48	67.91	-	-	P	V
		7311	44.69	-29.31	74	61.4	36.37	13.91	66.99	-	-	P	V
		11640	50.13	-23.87	74	60.02	39.8	17.9	67.59	-	-	P	V
		11640	40.82	-13.18	54	50.71	39.8	17.9	67.59	-	-	A	V
		14490	51.06	-22.94	74	56.9	41.94	20.2	67.98	-	-	P	V
		14490	42.87	-11.13	54	48.71	41.94	20.2	67.98	-	-	A	V
		17985	60.06	-13.94	74	59.36	48.7	21.9	69.9	-	-	P	V
		17985	50.02	-3.98	54	49.32	48.7	21.9	69.9	-	-	A	V
													V
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WIFI Ant. 1+3	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	43.14	-30.86	74	68.19	31.45	11.49	67.99	229	289	P	H
		4924	39.31	-14.69	54	64.36	31.45	11.49	67.99	229	289	A	H
		7386	44.59	-29.41	74	61.57	36.4	14	67.38	-	-	P	H
		11460	50.25	-23.75	74	60.23	40.13	17.73	67.84	-	-	P	H
		11460	40.65	-13.35	54	50.63	40.13	17.73	67.84	-	-	A	H
		14490	52.33	-21.67	74	58.17	41.94	20.2	67.98	-	-	P	H
		14490	43.35	-10.65	54	49.19	41.94	20.2	67.98	-	-	A	H
		18000	59.12	-14.88	74	58.11	48.82	21.91	69.72	-	-	P	H
		18000	50.39	-3.61	54	49.38	48.82	21.91	69.72	-	-	A	H
													H
													H
													H
		4924	40.57	-33.43	74	65.74	31.33	11.49	67.99	-	-	P	V
		7386	44.11	-29.89	74	61	36.49	14	67.38	-	-	P	V
		11415	50.01	-23.99	74	60.37	39.96	17.68	68	-	-	P	V
		11415	40.55	-13.45	54	50.91	39.96	17.68	68	-	-	A	V
		14490	52.35	-21.65	74	58.19	41.94	20.2	67.98	-	-	P	V
		14490	43.07	-10.93	54	48.91	41.94	20.2	67.98	-	-	A	V
		17985	59.82	-14.18	74	59.12	48.7	21.9	69.9	-	-	P	V
		17985	50.12	-3.88	54	49.42	48.7	21.9	69.9	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



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

WIFI Ant. 1+3	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		2389.38	55.36	-18.64	74	41.76	27.68	17.42	31.5	306	64	P	H
		2390	46.89	-7.11	54	33.29	27.68	17.42	31.5	306	64	A	H
	*	2412	116.66	-	-	103.03	27.66	17.46	31.49	306	64	P	H
	*	2412	109.55	-	-	95.92	27.66	17.46	31.49	306	64	A	H
													H
													H
		2337.615	56.69	-17.31	74	42.97	27.92	17.33	31.53	100	315	P	V
		2389.59	46.5	-7.5	54	32.8	27.78	17.42	31.5	100	315	A	V
	*	2412	118.43	-	-	104.76	27.7	17.46	31.49	100	315	P	V
	*	2412	111.31	-	-	97.64	27.7	17.46	31.49	100	315	A	V
													V
													V
802.11g CH 06 2437MHz		2335.28	55.46	-18.54	74	41.82	27.85	17.32	31.53	300	63	P	H
		2352.56	44.78	-9.22	54	31.18	27.77	17.35	31.52	300	63	A	H
	*	2437	116.62	-	-	102.94	27.66	17.5	31.48	300	63	P	H
	*	2437	109.22	-	-	95.54	27.66	17.5	31.48	300	63	A	H
		2485.36	57.56	-16.44	74	43.81	27.62	17.59	31.46	300	63	P	H
		2484.4	47.2	-6.8	54	33.45	27.62	17.59	31.46	300	63	A	H
		2378.16	55.1	-18.9	74	41.4	27.82	17.4	31.52	100	317	P	V
		2353.2	44.85	-9.15	54	31.12	27.9	17.35	31.52	100	317	A	V
	*	2437	118.33	-	-	104.71	27.6	17.5	31.48	100	317	P	V
	*	2437	110.71	-	-	97.09	27.6	17.5	31.48	100	317	A	V
		2485.36	56.78	-17.22	74	43.14	27.51	17.59	31.46	100	317	P	V
		2484.48	47.02	-6.98	54	33.38	27.51	17.59	31.46	100	317	A	V



802.11g CH 10 2457MHz		2328.24	54.87	-19.13	74	41.2	27.89	17.31	31.53	300	306	P	H
		2340.56	44.78	-9.22	54	31.15	27.83	17.33	31.53	300	306	A	H
	*	2457	112.92	-	-	99.2	27.65	17.54	31.47	300	306	P	H
	*	2457	104.92	-	-	91.2	27.65	17.54	31.47	300	306	A	H
		2483.6	64.98	-9.02	74	51.24	27.62	17.58	31.46	300	306	P	H
		2483.52	52.9	-1.1	54	39.16	27.62	17.58	31.46	300	306	A	H
		2312.88	55.39	-18.61	74	41.71	27.93	17.29	31.54	100	309	P	V
		2375.92	44.91	-9.09	54	31.2	27.83	17.4	31.52	100	309	A	V
	*	2457	117.55	-	-	103.94	27.54	17.54	31.47	100	309	P	V
	*	2457	109.93	-	-	96.32	27.54	17.54	31.47	100	309	A	V
		2483.76	62.39	-11.61	74	48.76	27.51	17.58	31.46	100	309	P	V
		2483.68	51.11	-2.89	54	37.48	27.51	17.58	31.46	100	309	A	V
802.11g CH 11 2462MHz	*	2462	114.41	-	-	100.68	27.65	17.55	31.47	291	61	P	H
	*	2462	106.51	-	-	92.78	27.65	17.55	31.47	291	61	A	H
		2484.64	62.36	-11.64	74	48.61	27.62	17.59	31.46	291	61	P	H
		2483.52	51.93	-2.07	54	38.19	27.62	17.58	31.46	291	61	A	H
													H
													H
	*	2462	115.25	-	-	101.63	27.54	17.55	31.47	117	315	P	V
	*	2462	107.61	-	-	93.99	27.54	17.55	31.47	117	315	A	V
		2483.68	60.82	-13.18	74	47.19	27.51	17.58	31.46	117	315	P	V
		2483.52	52.03	-1.97	54	38.4	27.51	17.58	31.46	117	315	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+3	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	41.48	-32.52	74	66.42	31.49	11.45	67.88	-	-	P	H
		11700	50.61	-23.39	74	60.86	39.44	17.96	67.65	-	-	P	H
		11700	39.98	-14.02	54	50.23	39.44	17.96	67.65	-	-	A	H
		14490	51.71	-22.29	74	57.55	41.94	20.2	67.98	-	-	P	H
		14490	42.67	-11.33	54	48.51	41.94	20.2	67.98	-	-	A	H
		17985	58.21	-15.79	74	57.78	48.43	21.9	69.9	-	-	P	H
		17985	49.05	-4.95	54	48.62	48.43	21.9	69.9	-	-	A	H
													H
													H
													H
													H
													H
		4824	40.99	-33.01	74	65.88	31.54	11.45	67.88	-	-	P	V
		11325	49.5	-24.5	74	60.41	39.76	17.59	68.26	-	-	P	V
		11325	39.4	-14.6	54	50.31	39.76	17.59	68.26	-	-	A	V
		14490	52.49	-21.51	74	58.33	41.94	20.2	67.98	-	-	P	V
		14490	42.45	-11.55	54	48.29	41.94	20.2	67.98	-	-	A	V
		17970	59.38	-14.62	74	59.19	48.36	21.9	70.07	-	-	P	V
		17970	48.94	-5.06	54	48.75	48.36	21.9	70.07	-	-	A	V
													V
													V
													V
													V
													V



WIFI Ant. 1+3	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	39.61	-34.39	74	64.59	31.45	11.48	67.91	-	-	P	H
		7311	44.83	-29.17	74	61.58	36.33	13.91	66.99	-	-	P	H
		11535	49.61	-24.39	74	59.38	40.1	17.8	67.67	-	-	P	H
		11535	40.44	-13.56	54	50.21	40.1	17.8	67.67	-	-	A	H
		14490	52.46	-21.54	74	58.3	41.94	20.2	67.98	-	-	P	H
		14490	42.65	-11.35	54	48.49	41.94	20.2	67.98	-	-	A	H
		17985	58.89	-15.11	74	58.46	48.43	21.9	69.9	-	-	P	H
		17985	49.13	-4.87	54	48.7	48.43	21.9	69.9	-	-	A	H
													H
													H
													H
													H
		4874	38.75	-35.25	74	63.77	31.41	11.48	67.91	-	-	P	V
		7311	43.97	-30.03	74	60.68	36.37	13.91	66.99	-	-	P	V
		11355	50.02	-23.98	74	60.76	39.84	17.62	68.2	-	-	P	V
		11355	39.45	-14.55	54	50.19	39.84	17.62	68.2	-	-	A	V
		14490	52.34	-21.66	74	58.18	41.94	20.2	67.98	-	-	P	V
		14490	42.59	-11.41	54	48.43	41.94	20.2	67.98	-	-	A	V
		18000	59.28	-14.72	74	58.05	49.04	21.91	69.72	-	-	P	V
		18000	50.14	-3.86	54	48.91	49.04	21.91	69.72	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 1+3	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 10 2457MHz		4914	39.52	-34.48	74	64.57	31.44	11.49	67.98	-	-	P	H
		7371	44.25	-29.75	74	61.26	36.37	13.98	67.36	-	-	P	H
		11400	49.82	-24.18	74	60.21	40.01	17.66	68.06	-	-	P	H
		11400	38.77	-15.23	54	49.16	40.01	17.66	68.06	-	-	A	H
		14490	52.1	-21.9	74	57.94	41.94	20.2	67.98	-	-	P	H
		14490	42.66	-11.34	54	48.5	41.94	20.2	67.98	-	-	A	H
		17985	59.2	-14.8	74	58.77	48.43	21.9	69.9	-	-	P	H
		17985	49.05	-4.95	54	48.62	48.43	21.9	69.9	-	-	A	H
													H
													H
													H
													H
		4914	39.75	-34.25	74	64.93	31.31	11.49	67.98	-	-	P	V
		7371	44.33	-29.67	74	61.22	36.49	13.98	67.36	-	-	P	V
		11430	50.11	-23.89	74	60.35	40.01	17.7	67.95	-	-	P	V
		11430	39.07	-14.93	54	49.31	40.01	17.7	67.95	-	-	A	V
		14490	51.56	-22.44	74	57.4	41.94	20.2	67.98	-	-	P	V
		14490	42.62	-11.38	54	48.46	41.94	20.2	67.98	-	-	A	V
		17985	59.38	-14.62	74	58.68	48.7	21.9	69.9	-	-	P	V
		17985	49.42	-4.58	54	48.72	48.7	21.9	69.9	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 1+3	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	40.25	-33.75	74	65.3	31.45	11.49	67.99	-	-	P	H
		7386	44.65	-29.35	74	61.63	36.4	14	67.38	-	-	P	H
		11400	49.98	-24.02	74	60.37	40.01	17.66	68.06	-	-	P	H
		11400	40	-14	54	50.39	40.01	17.66	68.06	-	-	A	H
		14490	52.26	-21.74	74	58.1	41.94	20.2	67.98	-	-	P	H
		14490	42.42	-11.58	54	48.26	41.94	20.2	67.98	-	-	A	H
		17985	59.43	-14.57	74	59	48.43	21.9	69.9	-	-	P	H
		17985	49.15	-4.85	54	48.72	48.43	21.9	69.9	-	-	A	H
													H
													H
													H
													H
		4924	39.53	-34.47	74	64.7	31.33	11.49	67.99	-	-	P	V
		7386	44.16	-29.84	74	61.05	36.49	14	67.38	-	-	P	V
		11475	49.88	-24.12	74	59.86	40.07	17.74	67.79	-	-	P	V
		11475	40.13	-13.87	54	50.11	40.07	17.74	67.79	-	-	A	V
		14490	51.73	-22.27	74	57.57	41.94	20.2	67.98	-	-	P	V
		14490	42.79	-11.21	54	48.63	41.94	20.2	67.98	-	-	A	V
		18000	59.07	-14.93	74	57.84	49.04	21.91	69.72	-	-	P	V
		18000	50.05	-3.95	54	48.82	49.04	21.91	69.72	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 1+3	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		2390	55.48	-18.52	74	41.88	27.68	17.42	31.5	358	49	P	H
		2390	45.25	-8.75	54	31.65	27.68	17.42	31.5	358	49	A	H
	*	2412	117.3	-	-	103.67	27.66	17.46	31.49	358	49	P	H
	*	2412	108.47	-	-	94.84	27.66	17.46	31.49	358	49	A	H
													H
													H
		2382.135	56	-18	74	42.3	27.81	17.41	31.52	100	316	P	V
		2389.8	45.71	-8.29	54	32.01	27.78	17.42	31.5	100	316	A	V
	*	2412	119.33	-	-	105.66	27.7	17.46	31.49	100	316	P	V
	*	2412	111	-	-	97.33	27.7	17.46	31.49	100	316	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2383.44	55.71	-18.29	74	42.11	27.7	17.41	31.51	265	56	P	H
		2320.88	44.58	-9.42	54	30.89	27.92	17.3	31.53	265	56	A	H
	*	2437	118.39	-	-	104.71	27.66	17.5	31.48	265	56	P	H
	*	2437	108.96	-	-	95.28	27.66	17.5	31.48	265	56	A	H
		2486.72	56.83	-17.17	74	43.08	27.62	17.59	31.46	265	56	P	H
		2484.24	46.92	-7.08	54	33.18	27.62	17.58	31.46	265	56	A	H
		2351.12	55.55	-18.45	74	41.81	27.91	17.35	31.52	131	302	P	V
		2347.6	44.69	-9.31	54	30.96	27.91	17.34	31.52	131	302	A	V
	*	2437	119.18	-	-	105.56	27.6	17.5	31.48	131	302	P	V
	*	2437	110.32	-	-	96.7	27.6	17.5	31.48	131	302	A	V
		2488.24	56.09	-17.91	74	42.46	27.5	17.59	31.46	131	302	P	V
		2488.24	45.99	-8.01	54	32.36	27.5	17.59	31.46	131	302	A	V



WIFI Ant. 1+3	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 10 2457MHz		2327.44	54.8	-19.2	74	41.13	27.89	17.31	31.53	285	47	P	H
		2333.84	44.11	-9.89	54	30.46	27.86	17.32	31.53	285	47	A	H
	*	2457	115.59	-	-	101.87	27.65	17.54	31.47	285	47	P	H
	*	2457	105.55	-	-	91.83	27.65	17.54	31.47	285	47	A	H
		2484.24	64	-10	74	50.26	27.62	17.58	31.46	285	47	P	H
		2483.52	51.95	-2.05	54	38.21	27.62	17.58	31.46	285	47	A	H
		2347.28	54.93	-19.07	74	41.2	27.91	17.34	31.52	100	310	P	V
		2361.2	44.27	-9.73	54	30.54	27.88	17.38	31.53	100	310	A	V
	*	2457	118.63	-	-	105.02	27.54	17.54	31.47	100	310	P	V
	*	2457	108.34	-	-	94.73	27.54	17.54	31.47	100	310	A	V
		2483.92	58.22	-15.78	74	44.59	27.51	17.58	31.46	100	310	P	V
		2483.52	48.09	-5.91	54	34.46	27.51	17.58	31.46	100	310	A	V
802.11ax HE20 Full CH 11 2462MHz	*	2462	115.6	-	-	101.87	27.65	17.55	31.47	105	301	P	H
	*	2462	106.25	-	-	92.52	27.65	17.55	31.47	105	301	A	H
		2483.72	64.12	-9.88	74	50.38	27.62	17.58	31.46	105	301	P	H
		2483.52	52.95	-1.05	54	39.21	27.62	17.58	31.46	105	301	A	H
													H
													H
	*	2462	116.48	-	-	102.86	27.54	17.55	31.47	100	321	P	V
	*	2462	107.03	-	-	93.41	27.54	17.55	31.47	100	321	A	V
		2483.76	64.32	-9.68	74	50.69	27.51	17.58	31.46	100	321	P	V
		2484.04	52.99	-1.01	54	39.36	27.51	17.58	31.46	100	321	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 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	40.6	-33.4	74	65.54	31.49	11.45	67.88	-	-	P	H
		11415	50.33	-23.67	74	60.61	40.04	17.68	68	-	-	P	H
		11415	38.87	-15.13	54	49.15	40.04	17.68	68	-	-	A	H
		14490	51.98	-22.02	74	57.82	41.94	20.2	67.98	-	-	P	H
		14490	42.48	-11.52	54	48.32	41.94	20.2	67.98	-	-	A	H
		17985	60.3	-13.7	74	59.87	48.43	21.9	69.9	-	-	P	H
		17985	48.88	-5.12	54	48.45	48.43	21.9	69.9	-	-	A	H
													H
													H
													H
													H
													H
		4824	40.03	-33.97	74	64.92	31.54	11.45	67.88	-	-	P	V
		11295	49.45	-24.55	74	60.51	39.69	17.56	68.31	-	-	P	V
		11295	38.45	-15.55	54	49.51	39.69	17.56	68.31	-	-	A	V
		14490	51.36	-22.64	74	57.2	41.94	20.2	67.98	-	-	P	V
		14490	42.35	-11.65	54	48.19	41.94	20.2	67.98	-	-	A	V
		17985	59.58	-14.42	74	58.88	48.7	21.9	69.9	-	-	P	V
		17985	49.12	-4.88	54	48.42	48.7	21.9	69.9	-	-	A	V
													V
													V
													V
													V
													V



WIFI Ant. 1+3	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 06 2437MHz		4874	39.34	-34.66	74	64.32	31.45	11.48	67.91	-	-	P	H
		7311	43.73	-30.27	74	60.48	36.33	13.91	66.99	-	-	P	H
		11415	50.12	-23.88	74	60.4	40.04	17.68	68	-	-	P	H
		11415	39.15	-14.85	54	49.43	40.04	17.68	68	-	-	A	H
		14490	51.71	-22.29	74	57.55	41.94	20.2	67.98	-	-	P	H
		14490	42.41	-11.59	54	48.25	41.94	20.2	67.98	-	-	A	H
		18000	58.27	-15.73	74	57.26	48.82	21.91	69.72	-	-	P	H
		18000	49.54	-4.46	54	48.53	48.82	21.91	69.72	-	-	A	H
													H
													H
													H
													H
		4874	39.99	-34.01	74	65.01	31.41	11.48	67.91	-	-	P	V
		7311	44.72	-29.28	74	61.43	36.37	13.91	66.99	-	-	P	V
		11025	49.13	-24.87	74	59.97	40.04	17.31	68.19	-	-	P	V
		11025	38.79	-15.21	54	49.63	40.04	17.31	68.19	-	-	A	V
		14490	51.71	-22.29	74	57.55	41.94	20.2	67.98	-	-	P	V
		14490	42.33	-11.67	54	48.17	41.94	20.2	67.98	-	-	A	V
		18000	59.43	-14.57	74	58.2	49.04	21.91	69.72	-	-	P	V
		18000	49.72	-4.28	54	48.49	49.04	21.91	69.72	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 1+3	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 10 2457MHz		4914	39.42	-34.58	74	64.38	31.44	11.58	67.98	-	-	P	H
		7371	43.85	-30.15	74	60.69	36.37	14.15	67.36	-	-	P	H
		11430	49.66	-24.34	74	59.76	40.07	17.78	67.95	-	-	P	H
		11430	39.26	-14.74	54	49.36	40.07	17.78	67.95	-	-	A	H
		14490	51.77	-22.23	74	57.62	41.94	20.19	67.98	-	-	P	H
		14490	42.45	-11.55	54	48.3	41.94	20.19	67.98	-	-	A	H
		17985	59.82	-14.18	74	59.38	48.43	21.91	69.9	-	-	P	H
		17985	49.01	-4.99	54	48.57	48.43	21.91	69.9	-	-	A	H
													H
													H
													H
													H
		4914	38.55	-35.45	74	63.64	31.31	11.58	67.98	-	-	P	V
		7371	43.79	-30.21	74	60.51	36.49	14.15	67.36	-	-	P	V
		11520	50.01	-23.99	74	59.75	40.07	17.88	67.69	-	-	P	V
		11520	39.86	-14.14	54	49.6	40.07	17.88	67.69	-	-	A	V
		14490	51.19	-22.81	74	57.04	41.94	20.19	67.98	-	-	P	V
		14490	42.64	-11.36	54	48.49	41.94	20.19	67.98	-	-	A	V
		18000	60.06	-13.94	74	58.82	49.04	21.92	69.72	-	-	P	V
		18000	49.58	-4.42	54	48.34	49.04	21.92	69.72	-	-	A	V
													V
													V
													V
													V

[illegible]



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 1+3	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		2389.2	56.77	-17.23	74	43.17	27.68	17.42	31.5	351	37	P	H
		2387.44	45.39	-8.61	54	31.79	27.69	17.42	31.51	351	37	A	H
	*	2422	115.27	-	-	101.62	27.66	17.48	31.49	351	37	P	H
	*	2422	106.14	-	-	92.49	27.66	17.48	31.49	351	37	A	H
		2485.44	61.23	-12.77	74	47.48	27.62	17.59	31.46	351	37	P	H
		2485.84	48.21	-5.79	54	34.46	27.62	17.59	31.46	351	37	A	H
		2387.12	56.15	-17.85	74	42.45	27.79	17.42	31.51	100	315	P	V
		2385.36	45.75	-8.25	54	32.04	27.8	17.42	31.51	100	315	A	V
	*	2422	118.47	-	-	104.82	27.66	17.48	31.49	100	315	P	V
	*	2422	107.74	-	-	94.09	27.66	17.48	31.49	100	315	A	V
		2484	63.75	-10.25	74	50.12	27.51	17.58	31.46	100	315	P	V
		2483.52	51.78	-2.22	54	38.15	27.51	17.58	31.46	100	315	A	V
802.11ax HE40 Full CH 06 2437MHz		2386.8	54.93	-19.07	74	41.33	27.69	17.42	31.51	292	55	P	H
		2351.12	44.23	-9.77	54	30.62	27.78	17.35	31.52	292	55	A	H
	*	2437	111.99	-	-	98.31	27.66	17.5	31.48	292	55	P	H
	*	2437	103.26	-	-	89.58	27.66	17.5	31.48	292	55	A	H
		2483.52	64.07	-9.93	74	50.33	27.62	17.58	31.46	292	55	P	H
		2483.52	52.94	-1.06	54	39.2	27.62	17.58	31.46	292	55	A	H
		2343.92	55.26	-18.74	74	41.54	27.91	17.34	31.53	100	314	P	V
		2328.4	44.34	-9.66	54	30.64	27.92	17.31	31.53	100	314	A	V
	*	2437	115.3	-	-	101.68	27.6	17.5	31.48	100	314	P	V
	*	2437	105.58	-	-	91.96	27.6	17.5	31.48	100	314	A	V
		2488.64	60.59	-13.41	74	46.96	27.5	17.59	31.46	100	314	P	V
		2487.84	49.41	-4.59	54	35.78	27.5	17.59	31.46	100	314	A	V



WIFI Ant. 1+3	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		2332.24	54.87	-19.13	74	41.21	27.87	17.32	31.53	108	301	P	H
		2314	44.17	-9.83	54	30.46	27.96	17.29	31.54	108	301	A	H
	*	2452	110.92	-	-	97.2	27.66	17.53	31.47	108	301	P	H
	*	2452	102.07	-	-	88.35	27.66	17.53	31.47	108	301	A	H
		2486.56	64.45	-9.55	74	50.7	27.62	17.59	31.46	108	301	P	H
		2490.32	51.8	-2.2	54	38.05	27.62	17.59	31.46	108	301	A	H
		2389.04	55.08	-18.92	74	41.38	27.78	17.42	31.5	100	315	P	V
		2351.28	44.31	-9.69	54	30.57	27.91	17.35	31.52	100	315	A	V
	*	2452	113.04	-	-	99.43	27.55	17.53	31.47	100	315	P	V
	*	2452	103.72	-	-	90.11	27.55	17.53	31.47	100	315	A	V
		2483.84	65	-9	74	51.37	27.51	17.58	31.46	100	315	P	V
		2484.48	53.37	-0.63	54	39.73	27.51	17.59	31.46	100	315	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+3	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	40.82	-33.18	74	65.76	31.48	11.46	67.88	-	-	P	H
		7266	44.15	-29.85	74	60.57	36.27	13.84	66.53	-	-	P	H
		11400	49.82	-24.18	74	60.21	40.01	17.66	68.06	-	-	P	H
		11400	39.17	-14.83	54	49.56	40.01	17.66	68.06	-	-	A	H
		14490	52.1	-21.9	74	57.94	41.94	20.2	67.98	-	-	P	H
		14490	42.44	-11.56	54	48.28	41.94	20.2	67.98	-	-	A	H
		17985	59.2	-14.8	74	58.77	48.43	21.9	69.9	-	-	P	H
		17985	48.85	-5.15	54	48.42	48.43	21.9	69.9	-	-	A	H
													H
													H
													H
													H
		4844	39.63	-34.37	74	64.51	31.54	11.46	67.88	-	-	P	V
		7266	44.36	-29.64	74	60.84	36.21	13.84	66.53	-	-	P	V
		11430	50.11	-23.89	74	60.35	40.01	17.7	67.95	-	-	P	V
		11430	39.27	-14.73	54	49.51	40.01	17.7	67.95	-	-	A	V
		14490	51.56	-22.44	74	57.4	41.94	20.2	67.98	-	-	P	V
		14490	42.27	-11.73	54	48.11	41.94	20.2	67.98	-	-	A	V
		17985	59.38	-14.62	74	58.68	48.7	21.9	69.9	-	-	P	V
		17985	48.92	-5.08	54	48.22	48.7	21.9	69.9	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 1+3	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 06 2437MHz		4874	39.56	-34.44	74	64.54	31.45	11.48	67.91	-	-	P	H
		7311	44.33	-29.67	74	61.08	36.33	13.91	66.99	-	-	P	H
		11610	50.77	-23.23	74	60.53	39.94	17.87	67.57	-	-	P	H
		11610	39.99	-14.01	54	49.75	39.94	17.87	67.57	-	-	A	H
		14490	53.04	-20.96	74	58.88	41.94	20.2	67.98	-	-	P	H
		14490	42.27	-11.73	54	48.11	41.94	20.2	67.98	-	-	A	H
		18000	59.26	-14.74	74	58.25	48.82	21.91	69.72	-	-	P	H
		18000	49.4	-4.6	54	48.39	48.82	21.91	69.72	-	-	A	H
													H
													H
													H
													H
		4874	39.13	-34.87	74	64.15	31.41	11.48	67.91	-	-	P	V
		7311	44.41	-29.59	74	61.12	36.37	13.91	66.99	-	-	P	V
		12105	50.45	-23.55	74	60.11	39.22	18.34	67.22	-	-	P	V
		12105	39.65	-14.35	54	49.31	39.22	18.34	67.22	-	-	A	V
		14490	51.9	-22.1	74	57.74	41.94	20.2	67.98	-	-	P	V
		14490	42.43	-11.57	54	48.27	41.94	20.2	67.98	-	-	A	V
		18000	60.17	-13.83	74	58.94	49.04	21.91	69.72	-	-	P	V
		18000	49.45	-4.55	54	48.22	49.04	21.91	69.72	-	-	A	V
													V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+3					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 09 2452MHz		4904	39.1	-34.9	74	64.15	31.43	11.48	67.96	-	-	P	H
		7356	43.87	-30.13	74	60.9	36.34	13.97	67.34	-	-	P	H
		11025	50.34	-23.66	74	61.1	40.12	17.31	68.19	-	-	P	H
		11025	39.1	-14.9	54	49.86	40.12	17.31	68.19	-	-	A	H
		14490	52.9	-21.1	74	58.74	41.94	20.2	67.98	-	-	P	H
		14490	42.59	-11.41	54	48.43	41.94	20.2	67.98	-	-	A	H
		17955	58.66	-15.34	74	59.37	47.65	21.89	70.25	-	-	P	H
		17955	47.8	-6.2	54	48.51	47.65	21.89	70.25	-	-	A	H
													H
													H
													H
													H
		4904	39.3	-34.7	74	64.49	31.29	11.48	67.96	-	-	P	V
		7356	45	-29	74	61.87	36.5	13.97	67.34	-	-	P	V
		11085	49.61	-24.39	74	60.48	39.89	17.37	68.13	-	-	P	V
		11085	38.81	-15.19	54	49.68	39.89	17.37	68.13	-	-	A	V
		14490	51.71	-22.29	74	57.55	41.94	20.2	67.98	-	-	P	V
		14490	42.42	-11.58	54	48.26	41.94	20.2	67.98	-	-	A	V
		17985	59.13	-14.87	74	58.43	48.7	21.9	69.9	-	-	P	V
		17985	49.04	-4.96	54	48.34	48.7	21.9	69.9	-	-	A	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission above 18GHz

2.4GHz WIFI 802.11ax HE40 (SHF)

[illegible]

Emission below 1GHz

2.4GHz WIFI 802.11ax HE40 (LF)

[illegible]

Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+3		(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”.



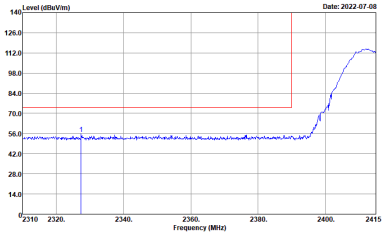
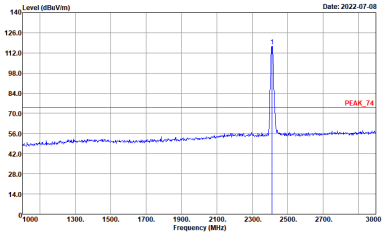
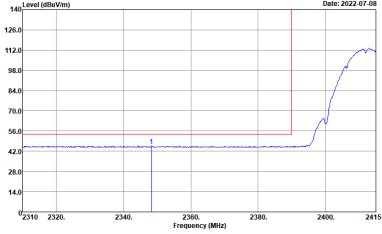
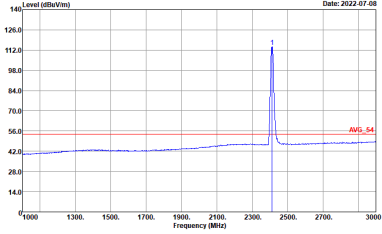
Appendix D. Radiated Spurious Emission Plots

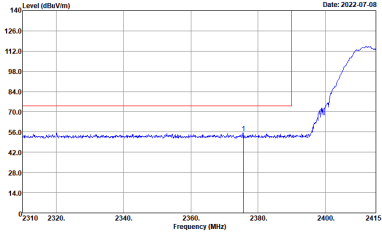
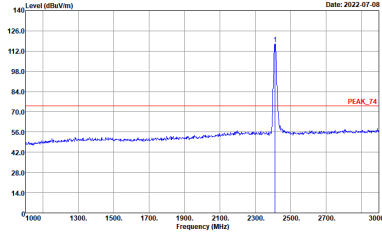
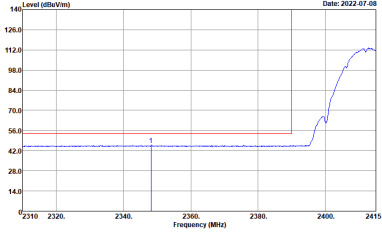
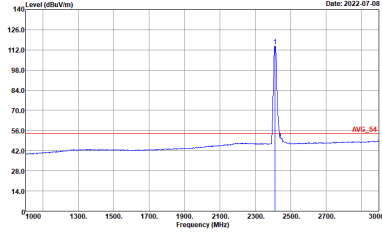
Test Engineer :	Fu Chen	Temperature :	20~24°C
		Relative Humidity :	42~47%

Note symbol

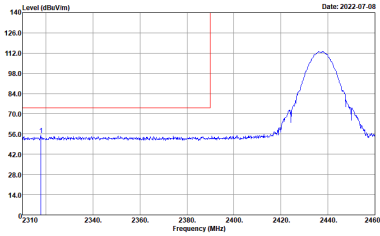
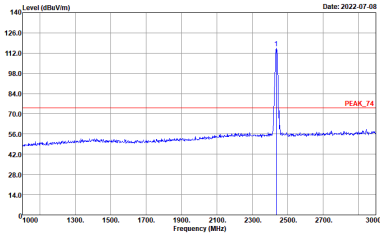
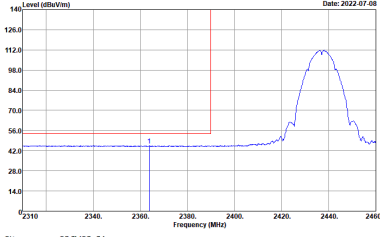
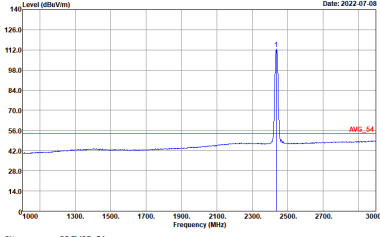
-L	Low channel location
-R	High channel location

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

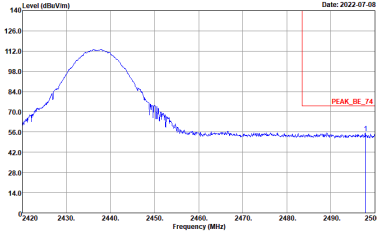
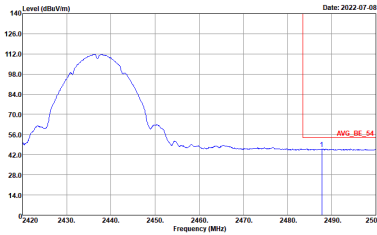
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

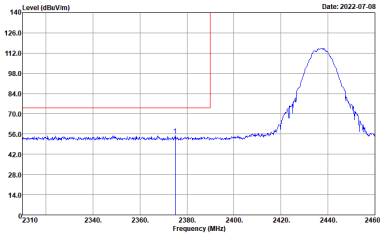
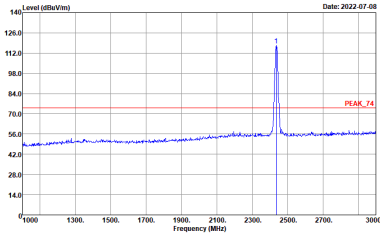
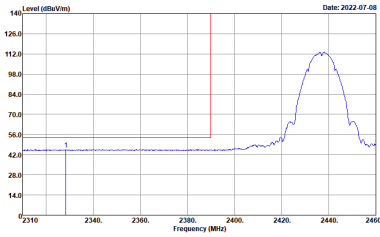
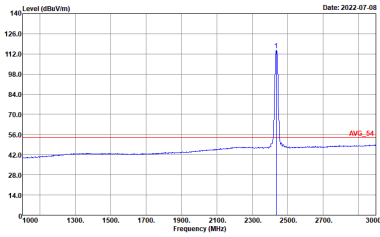


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

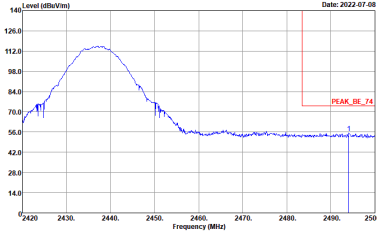
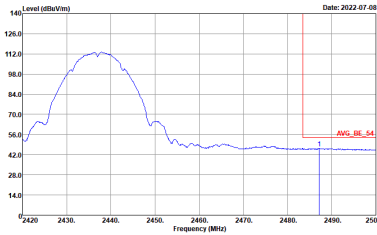


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

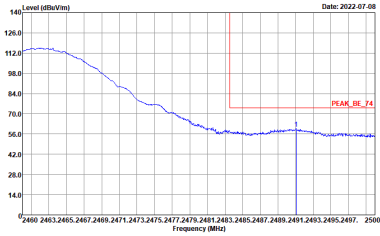
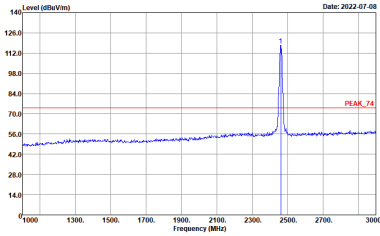
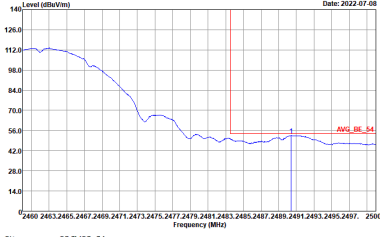
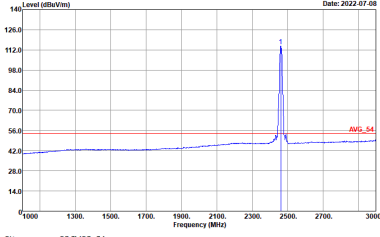


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



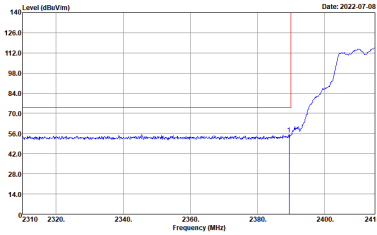
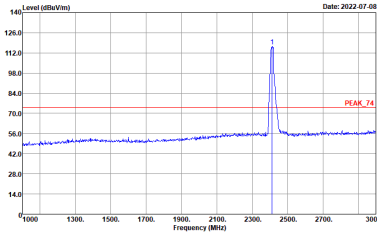
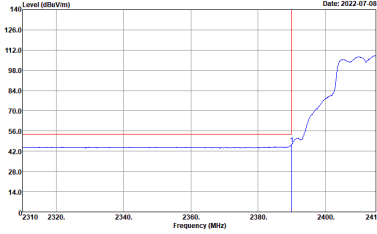
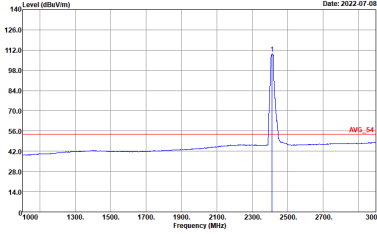
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+3	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

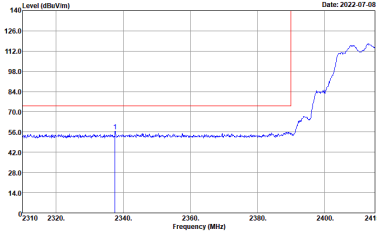
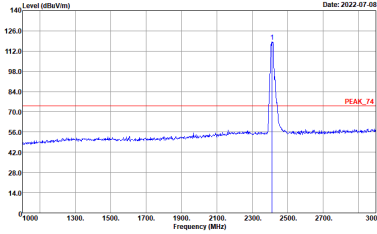
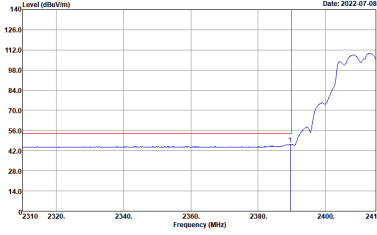
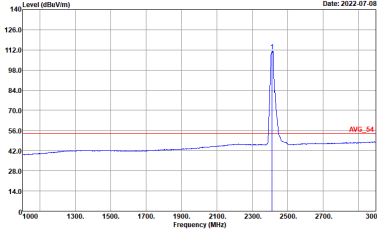


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto



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

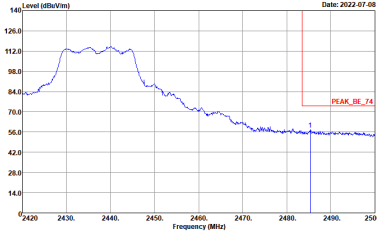
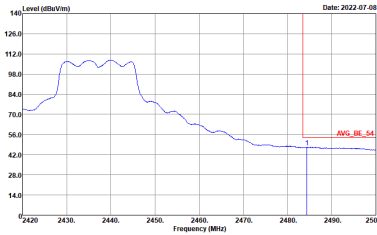
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

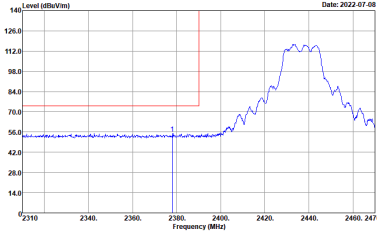
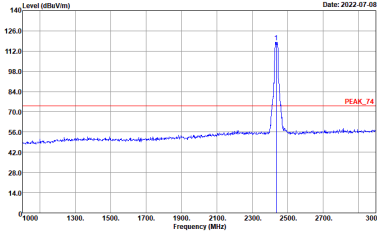
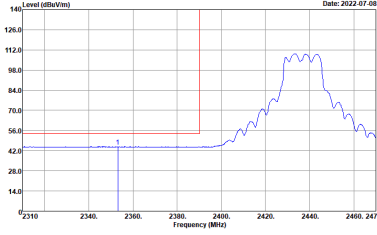
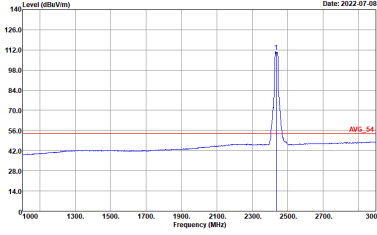


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+3	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_86_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_86_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

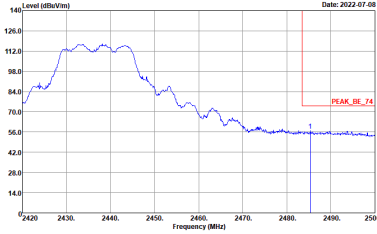
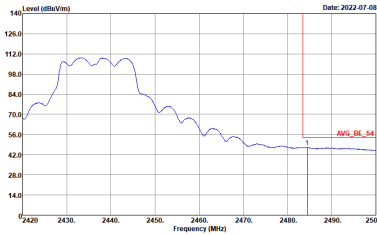


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

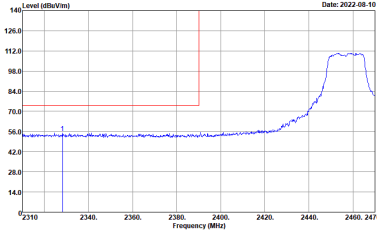
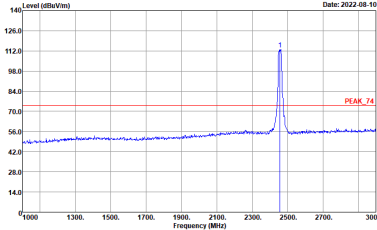
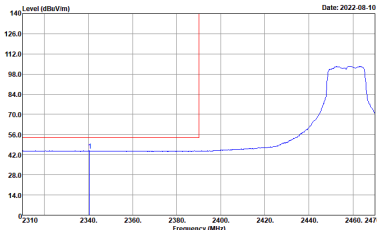
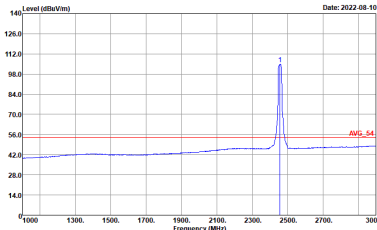


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

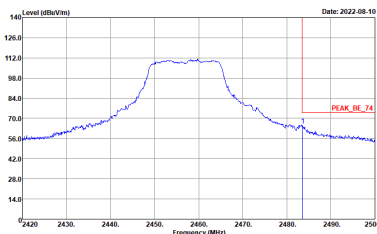
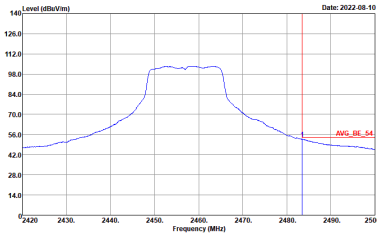


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left Blank

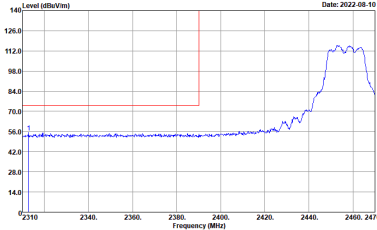
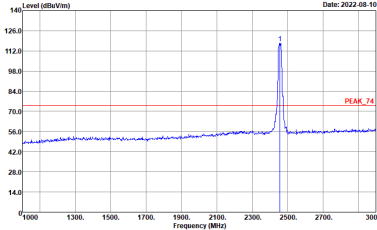
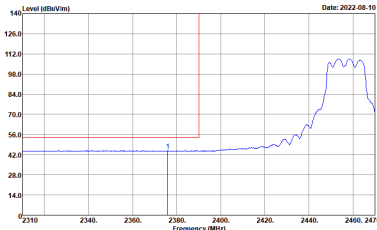
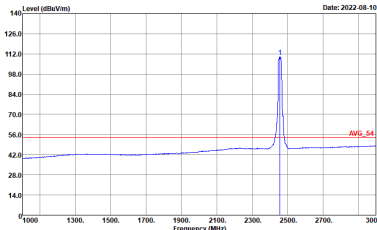


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz - L	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

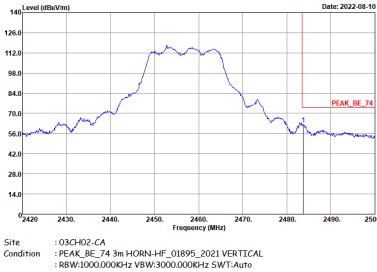
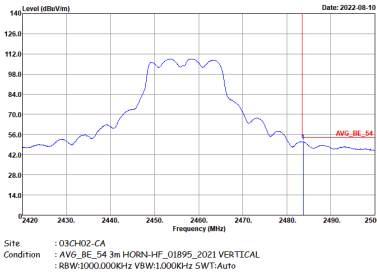


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz - R	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2022-08-10	Left Blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:1000kHz SWT:Auto Date: 2022-08-10	Left Blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+3	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

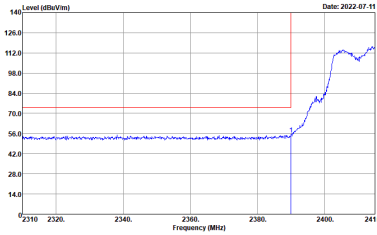
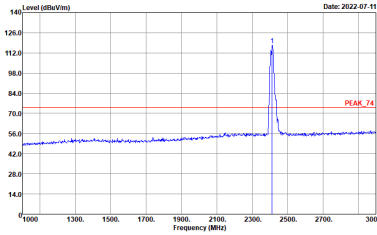
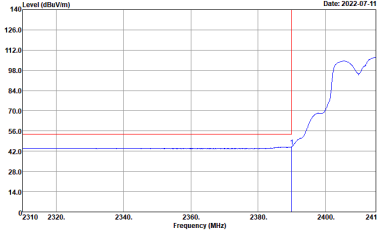
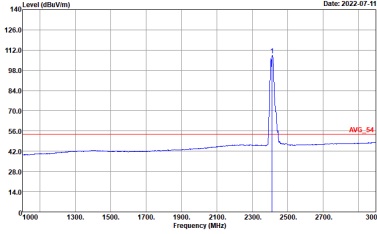


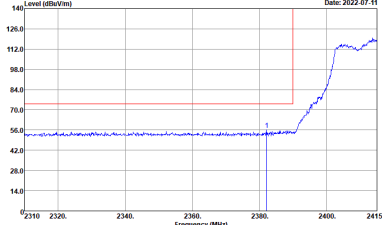
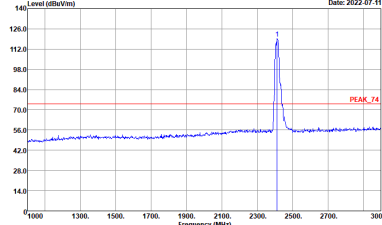
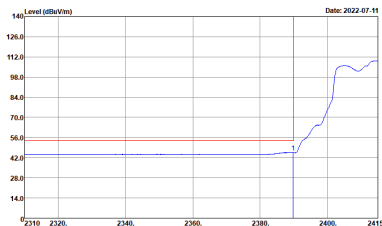
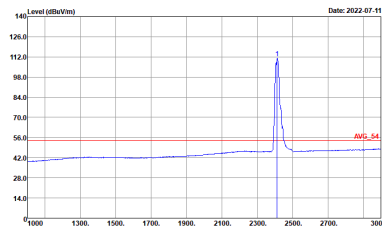
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+3	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



2.4GHz 2400~2483.5MHz

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

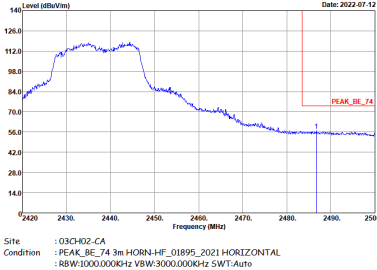
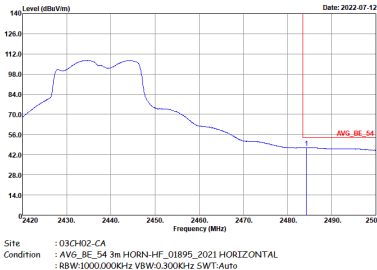
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
1+3	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto

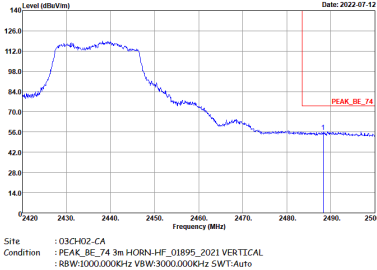
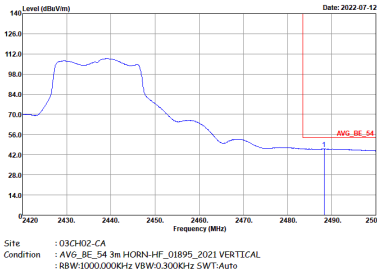


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

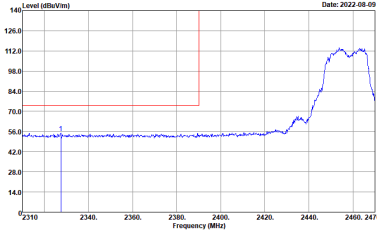
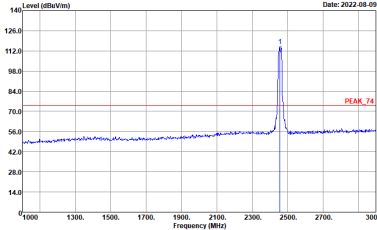
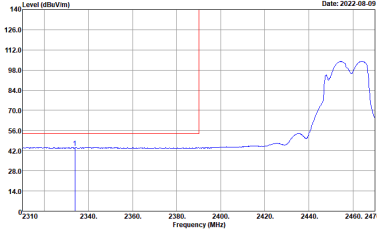
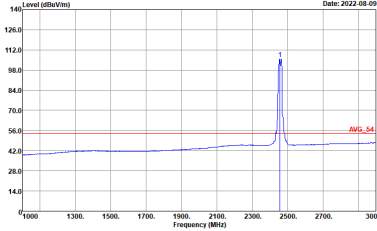


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
1+3	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

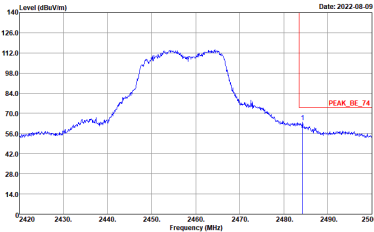
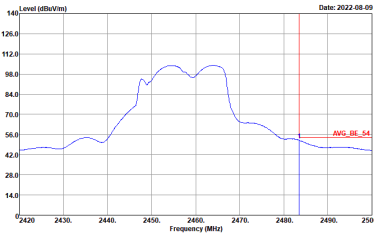


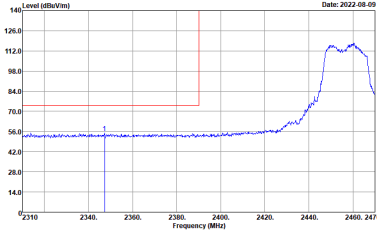
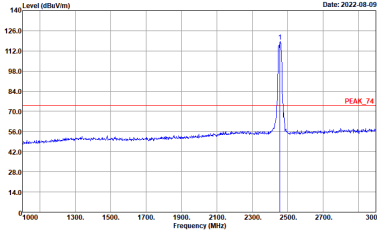
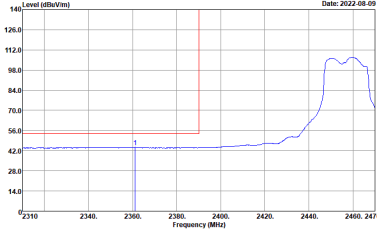
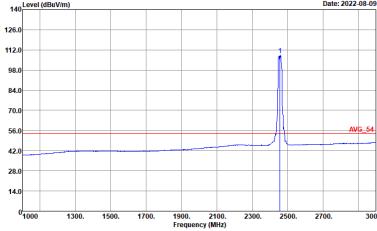
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
1+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



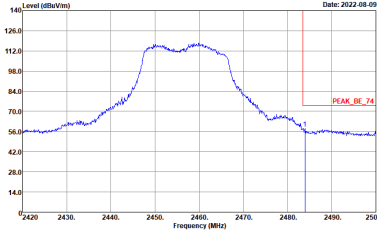
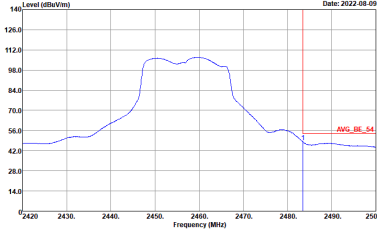
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz - L	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz - L	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH10 2457MHz - R	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+3	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto

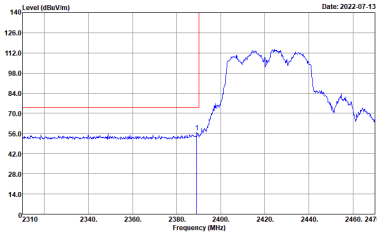
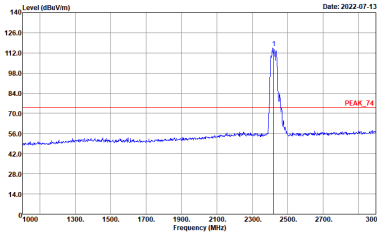
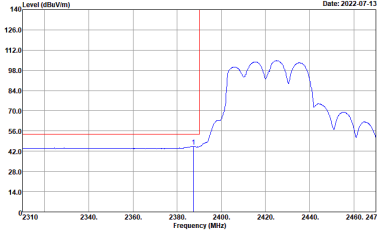
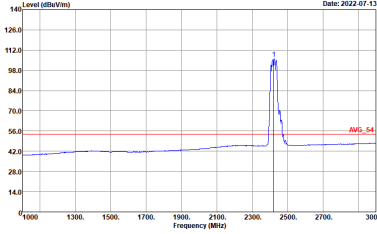


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+3	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto

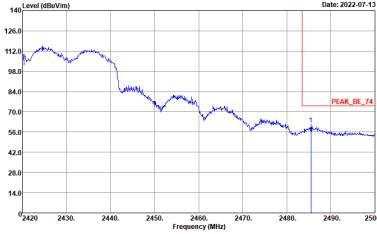
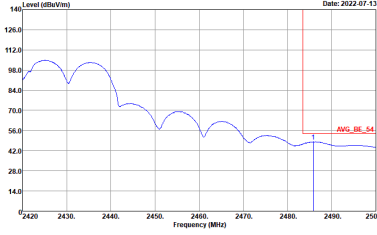


2.4GHz 2400~2483.5MHz

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	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

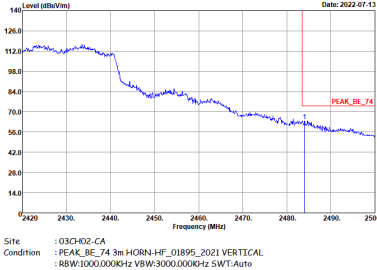
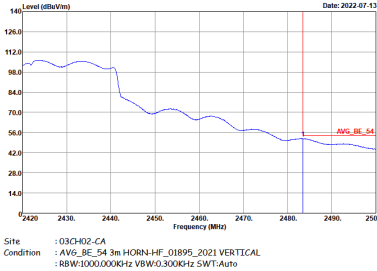


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+3	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

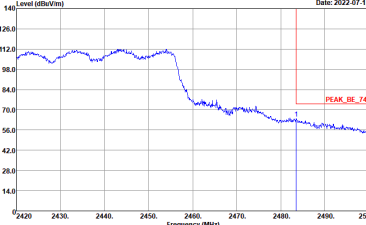
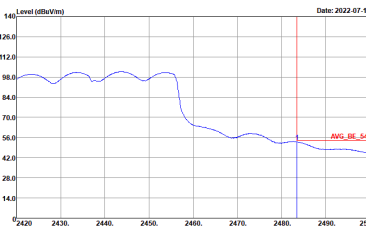


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
1+3	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

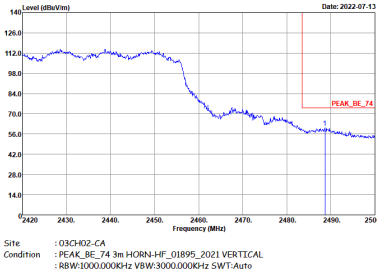
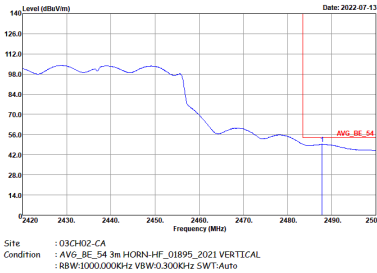


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
1+3	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
1+3	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

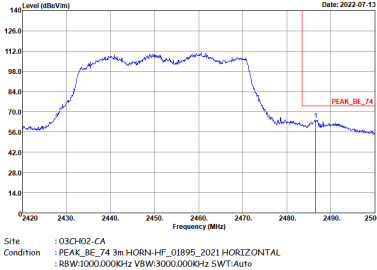
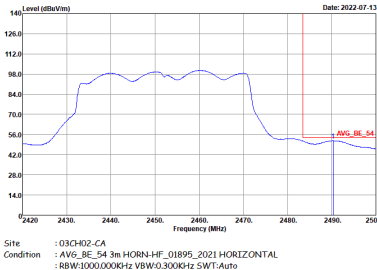


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
1+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+3	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto

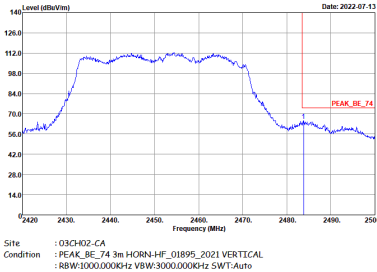
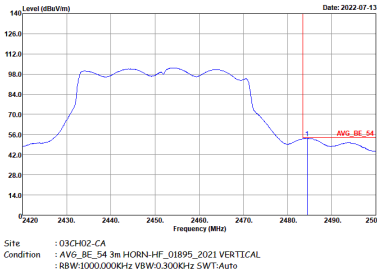


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+3	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_8E_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_8E_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

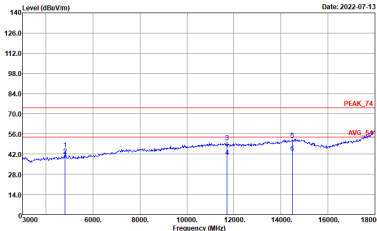
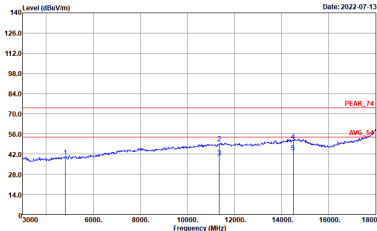
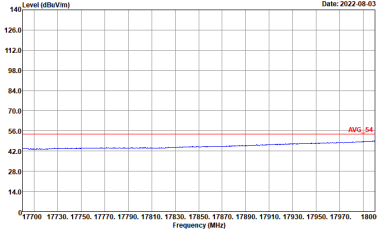
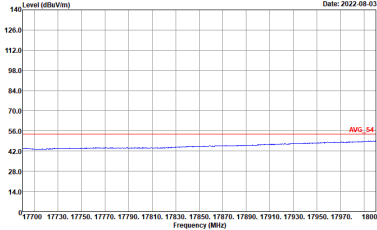


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+3	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

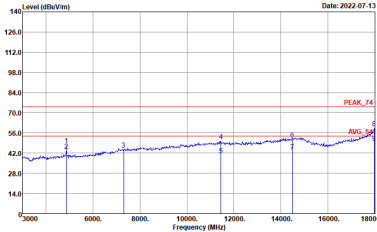
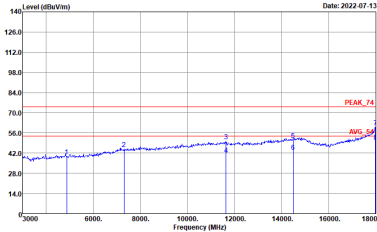
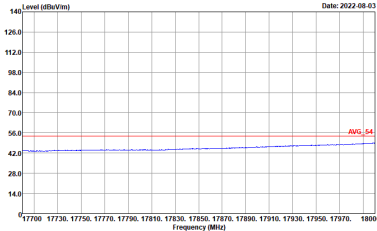
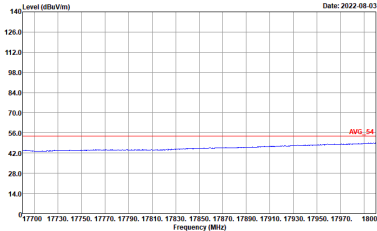


2.4GHz 2400~2483.5MHz

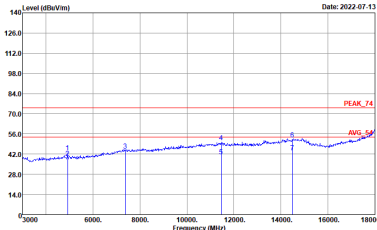
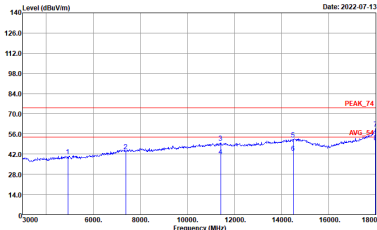
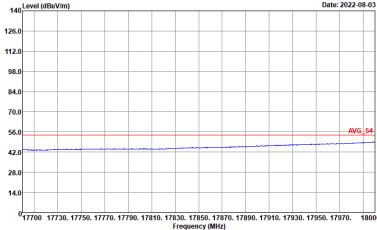
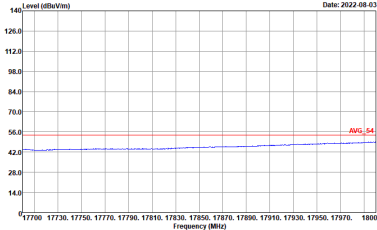
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL



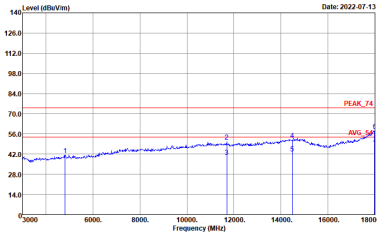
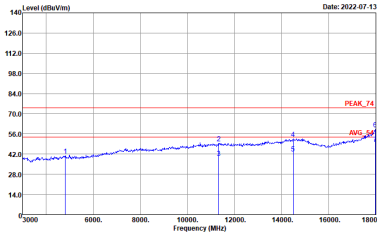
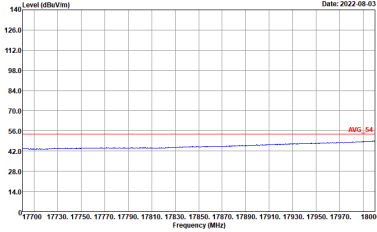
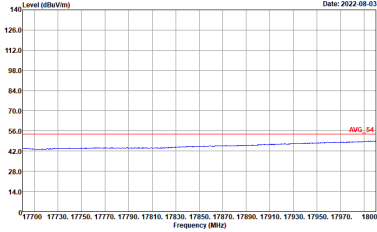
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1+3	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL



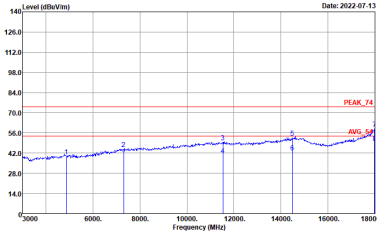
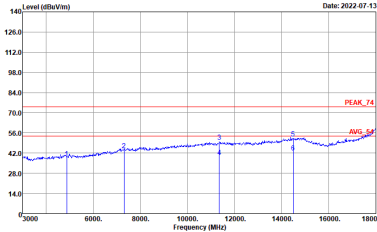
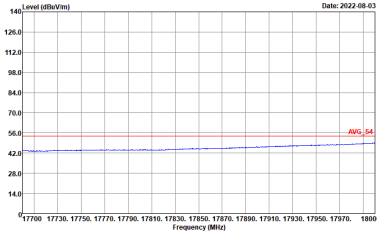
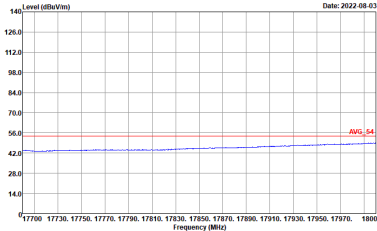
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL



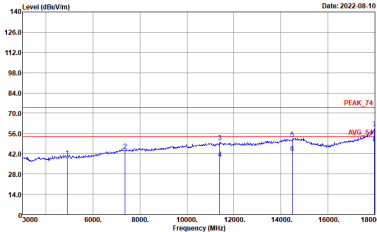
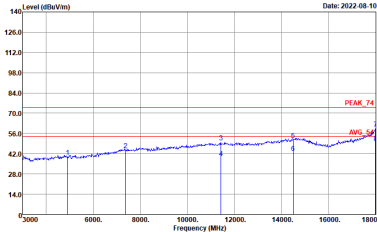
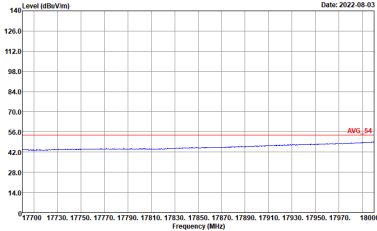
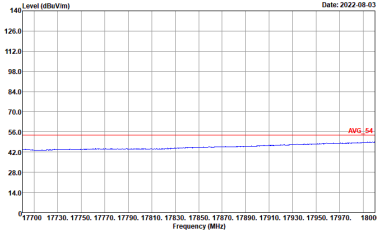
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL

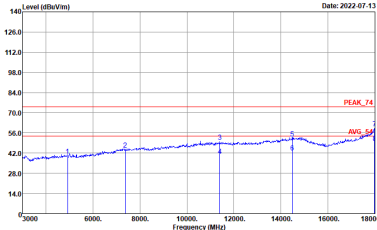
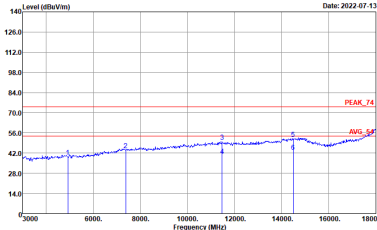
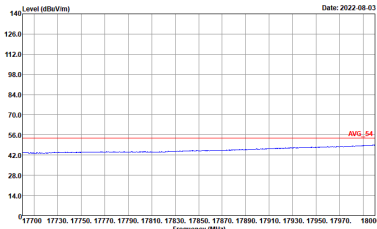
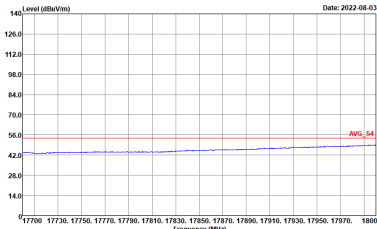


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1+3	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH10 2457MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL

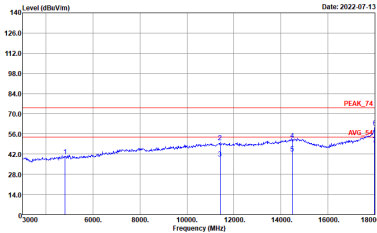
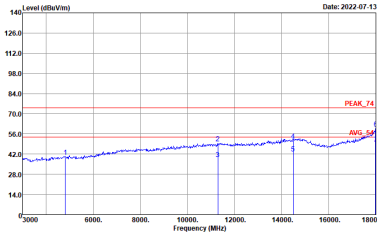
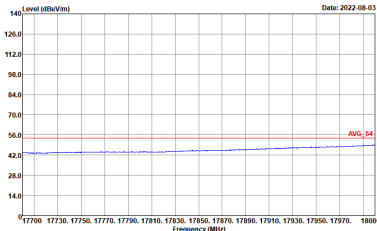
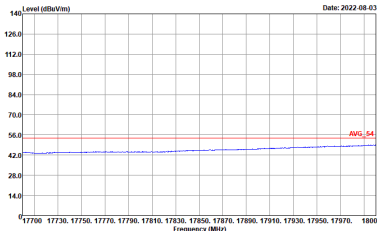


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL

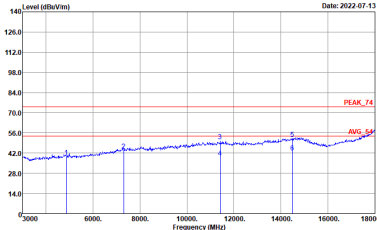
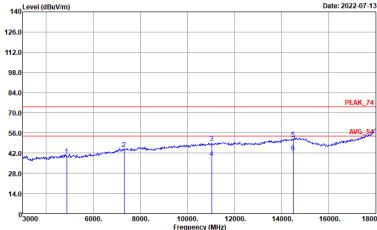
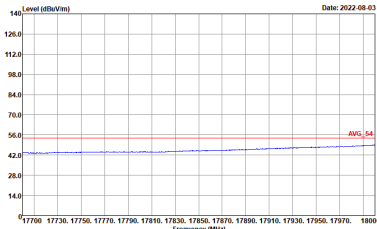
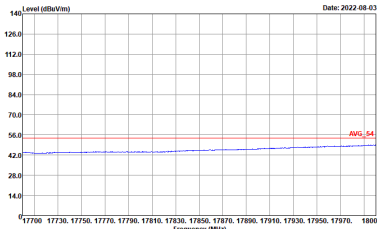


2.4GHz 2400~2483.5MHz

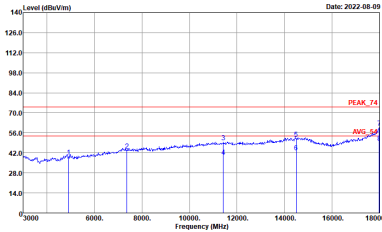
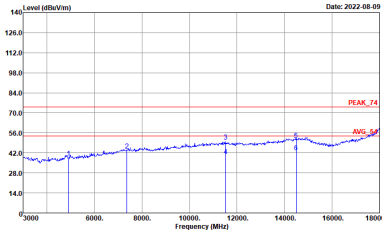
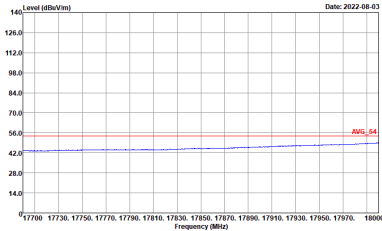
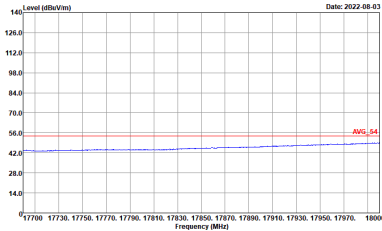
WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL

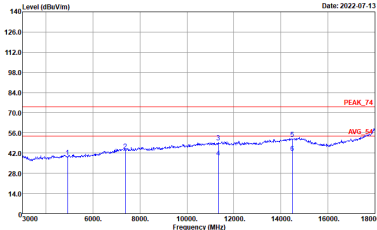
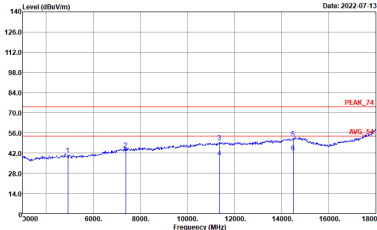
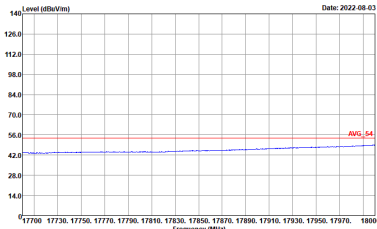
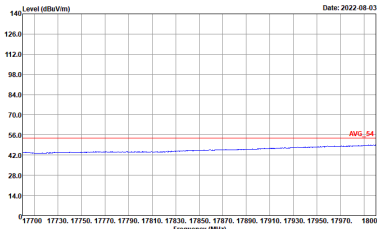


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
1+3	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH10 2457MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL

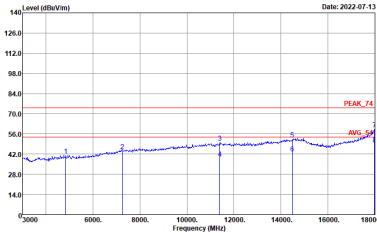
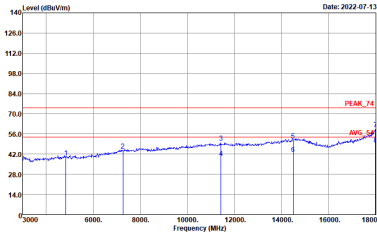
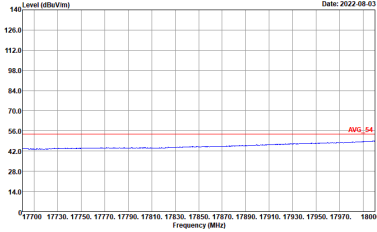
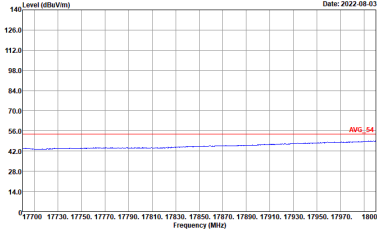


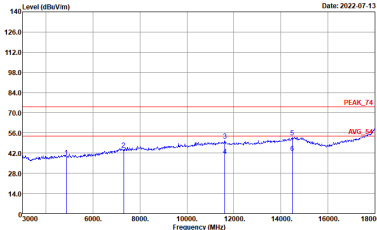
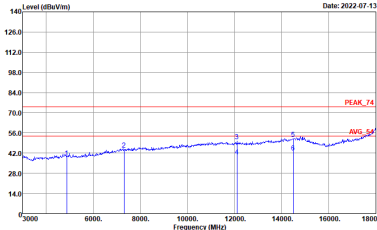
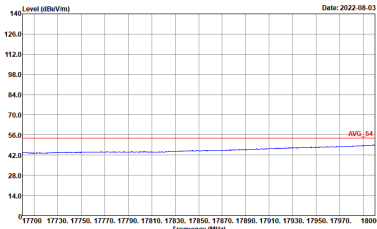
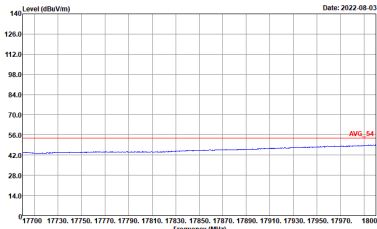
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
1+3	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL

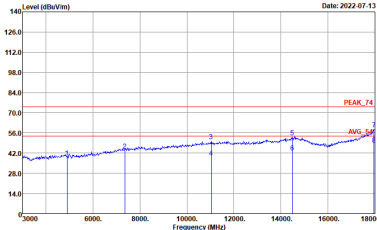
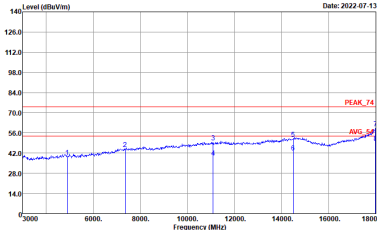
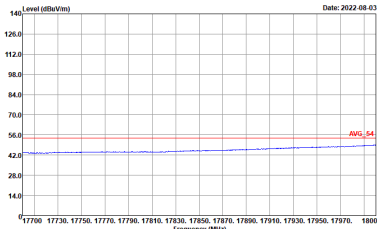
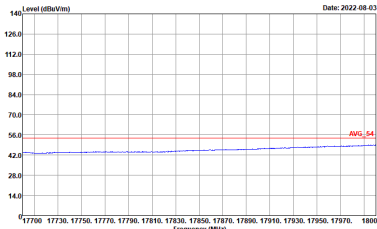


2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH03 2422MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
1+3	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL



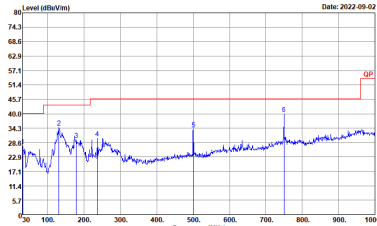
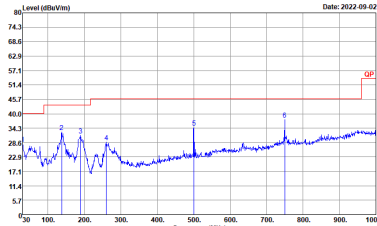
Emission above 18GHz

2.4GHz WIFI 802.11ax HE40 Full (SHF @ 1m)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full SHF	
1+3	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-07-19 Site : 03CH02-CA Condition : PEAK_74 1m SHF_HORN_B41_210826 HORIZONTAL	Level (dBuV/m) Date: 2022-07-19 Site : 03CH02-CA Condition : PEAK_74 1m SHF_HORN_B41_210826 VERTICAL



Emission below 1GHz
2.4GHz WIFI 802.11ax HE40 Full (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full LF	
1+3	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 3m B1LOG_50392_220711 HORIZONTAL	 Site : 03CH02-CA Condition : QP 3m B1LOG_50392_220711 VERTICAL



Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
1+3	802.11b	56.49	675	1.48	3kHz
1+3	802.11g	96.11	1975	0.51	1kHz
1+3	WLAN 2.4GHz 802.11ax HE20 Full	93.80	5445	0.18	300Hz
1+3	WLAN 2.4GHz 802.11ax HE40 Full	94.29	5445	0.18	300Hz

MIMO <Ant. 1+3>

