

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eric Wu	Temperature:	21~25	°C
Test Date:	2022/09/01~2022/09/16	Relative Humidity:	51~54	%
Remark: For Conducted Test Items, Ant. 1 means Aux. Antenna and Ant. 2 means Main Antenna.				

TEST RESULTS DATA
Average Output Power

2.4GHz Band Single Antenna																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	1	1	2412	16.50	16.40		30.00	30.00	2.97	2.99	19.47	19.39	36.00	36.00	Pass
11b	1Mbps	1	6	2437	16.40	16.30		30.00	30.00	2.97	2.99	19.37	19.29	36.00	36.00	Pass
11b	1Mbps	1	11	2462	16.50	16.30		30.00	30.00	2.97	2.99	19.47	19.29	36.00	36.00	Pass
11g	6Mbps	1	1	2412	16.50	16.40		30.00	30.00	2.97	2.99	19.47	19.39	36.00	36.00	Pass
11g	6Mbps	1	6	2437	16.50	16.40		30.00	30.00	2.97	2.99	19.47	19.39	36.00	36.00	Pass
11g	6Mbps	1	11	2462	16.30	16.20		30.00	30.00	2.97	2.99	19.27	19.19	36.00	36.00	Pass
HT20	MCS0	1	1	2412	12.20	12.30		30.00	30.00	2.97	2.99	15.17	15.29	36.00	36.00	Pass
HT20	MCS0	1	6	2437	12.10	12.40		30.00	30.00	2.97	2.99	15.07	15.39	36.00	36.00	Pass
HT20	MCS0	1	11	2462	12.30	12.20		30.00	30.00	2.97	2.99	15.27	15.19	36.00	36.00	Pass
HT40	MCS0	1	3	2422	12.10	12.20		30.00	30.00	2.97	2.99	15.07	15.19	36.00	36.00	Pass
HT40	MCS0	1	6	2437	12.20	12.30		30.00	30.00	2.97	2.99	15.17	15.29	36.00	36.00	Pass
HT40	MCS0	1	9	2452	12.20	11.70		30.00	30.00	2.97	2.99	15.17	14.69	36.00	36.00	Pass
VHT20	MCS0	1	1	2412	12.20	12.30		30.00	30.00	2.97	2.99	15.17	15.29	36.00	36.00	Pass
VHT20	MCS0	1	6	2437	12.10	12.40		30.00	30.00	2.97	2.99	15.07	15.39	36.00	36.00	Pass
VHT20	MCS0	1	11	2462	12.30	12.20		30.00	30.00	2.97	2.99	15.27	15.19	36.00	36.00	Pass
VHT40	MCS0	1	3	2422	12.10	12.20		30.00	30.00	2.97	2.99	15.07	15.19	36.00	36.00	Pass
VHT40	MCS0	1	6	2437	12.20	12.30		30.00	30.00	2.97	2.99	15.17	15.29	36.00	36.00	Pass
VHT40	MCS0	1	9	2452	12.20	11.70		30.00	30.00	2.97	2.99	15.17	14.69	36.00	36.00	Pass

2.4GHz Band MIMO																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
HT20	MCS0	2	1	2412	12.30	12.40	15.36	30.00		2.99		18.35		36.00		Pass
HT20	MCS0	2	6	2437	12.30	12.40	15.36	30.00		2.99		18.35		36.00		Pass
HT20	MCS0	2	11	2462	12.40	12.30	15.36	30.00		2.99		18.35		36.00		Pass
HT40	MCS0	2	3	2422	12.10	12.30	15.21	30.00		2.99		18.20		36.00		Pass
HT40	MCS0	2	6	2437	12.30	12.40	15.36	30.00		2.99		18.35		36.00		Pass
HT40	MCS0	2	9	2452	12.30	11.80	15.07	30.00		2.99		18.06		36.00		Pass
VHT20	MCS0	2	1	2412	12.30	12.40	15.36	30.00		2.99		18.35		36.00		Pass
VHT20	MCS0	2	6	2437	12.30	12.40	15.36	30.00		2.99		18.35		36.00		Pass
VHT20	MCS0	2	11	2462	12.40	12.30	15.36	30.00		2.99		18.35		36.00		Pass
VHT40	MCS0	2	3	2422	12.10	12.30	15.21	30.00		2.99		18.20		36.00		Pass
VHT40	MCS0	2	6	2437	12.30	12.40	15.36	30.00		2.99		18.35		36.00		Pass
VHT40	MCS0	2	9	2452	12.30	11.80	15.07	30.00		2.99		18.06		36.00		Pass

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

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band Single Antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass/Fail
					Ant1	Ant2	Ant1	Ant2		
11b	1Mbps	1	1	2412	13.49	13.44	8.12	8.12	0.50	Pass
11b	1Mbps	1	6	2437	13.54	13.49	7.14	8.12	0.50	Pass
11b	1Mbps	1	11	2462	13.49	13.49	8.12	8.12	0.50	Pass
11g	6Mbps	1	1	2412	16.88	16.88	16.34	15.96	0.50	Pass
11g	6Mbps	1	6	2437	16.88	16.88	16.32	16.34	0.50	Pass
11g	6Mbps	1	11	2462	16.88	16.88	16.34	16.32	0.50	Pass

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band Single Antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant1	Ant2	Worse + 3.01	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	1	1	2412	-6.93	-7.26		2.97	2.99	8.00	8.00	Pass
11b	1Mbps	1	6	2437	-7.10	-7.85		2.97	2.99	8.00	8.00	Pass
11b	1Mbps	1	11	2462	-6.47	-8.32		2.97	2.99	8.00	8.00	Pass
11g	6Mbps	1	1	2412	-9.68	-9.52		2.97	2.99	8.00	8.00	Pass
11g	6Mbps	1	6	2437	-9.72	-9.76		2.97	2.99	8.00	8.00	Pass
11g	6Mbps	1	11	2462	-9.65	-8.87		2.97	2.99	8.00	8.00	Pass

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

TEST RESULTS DATA
Average Output Power

2.4GHz Band Single Antenna																	
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
						Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	1	1	2412	Full	12.30	12.40		30.00	30.00	2.97	2.99	15.27	15.39	36.00	36.00	Pass
HE20	MCS0	1	1	2412	26/0	3.30	3.50		30.00	30.00	2.97	2.99	6.27	6.49	36.00	36.00	Pass
HE20	MCS0	1	1	2412	52/37	3.30	3.50		30.00	30.00	2.97	2.99	6.27	6.49	36.00	36.00	Pass
HE20	MCS0	1	1	2412	106/53	3.40	3.60		30.00	30.00	2.97	2.99	6.37	6.59	36.00	36.00	Pass
HE20	MCS0	1	6	2437	Full	12.20	12.50		30.00	30.00	2.97	2.99	15.17	15.49	36.00	36.00	Pass
HE20	MCS0	1	6	2437	26/4	2.70	2.90		30.00	30.00	2.97	2.99	5.67	5.89	36.00	36.00	Pass
HE20	MCS0	1	6	2437	52/38	3.10	3.10		30.00	30.00	2.97	2.99	6.07	6.09	36.00	36.00	Pass
HE20	MCS0	1	6	2437	106/53	3.00	3.30		30.00	30.00	2.97	2.99	5.97	6.29	36.00	36.00	Pass
HE20	MCS0	1	11	2462	Full	12.40	12.30		30.00	30.00	2.97	2.99	15.37	15.29	36.00	36.00	Pass
HE20	MCS0	1	11	2462	26/8	2.20	2.20		30.00	30.00	2.97	2.99	5.17	5.19	36.00	36.00	Pass
HE20	MCS0	1	11	2462	52/40	2.40	2.30		30.00	30.00	2.97	2.99	5.37	5.29	36.00	36.00	Pass
HE20	MCS0	1	11	2462	106/54	2.50	2.50		30.00	30.00	2.97	2.99	5.47	5.49	36.00	36.00	Pass
HE40	MCS0	1	3	2422	Full	12.20	12.30		30.00	30.00	2.97	2.99	15.17	15.29	36.00	36.00	Pass
HE40	MCS0	1	3	2422	242/61	9.00	9.10		30.00	30.00	2.97	2.99	11.97	12.09	36.00	36.00	Pass
HE40	MCS0	1	6	2437	Full	12.30	12.40		30.00	30.00	2.97	2.99	15.27	15.39	36.00	36.00	Pass
HE40	MCS0	1	6	2437	242/61	8.90	9.00		30.00	30.00	2.97	2.99	11.87	11.99	36.00	36.00	Pass
HE40	MCS0	1	9	2452	Full	12.30	11.80		30.00	30.00	2.97	2.99	15.27	14.79	36.00	36.00	Pass
HE40	MCS0	1	9	2452	242/62	8.40	8.40		30.00	30.00	2.97	2.99	11.37	11.39	36.00	36.00	Pass

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
						Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	12.40	12.50	15.46	30.00		2.99		18.45		36.00		Pass
HE20	MCS0	2	1	2412	26/0	3.40	3.60	6.51	30.00		2.99		9.50		36.00		Pass
HE20	MCS0	2	1	2412	52/37	3.40	3.60	6.51	30.00		2.99		9.50		36.00		Pass
HE20	MCS0	2	1	2412	106/53	3.50	3.70	6.61	30.00		2.99		9.60		36.00		Pass
HE20	MCS0	2	6	2437	Full	12.40	12.50	15.46	30.00		2.99		18.45		36.00		Pass
HE20	MCS0	2	6	2437	26/4	2.80	3.00	5.91	30.00		2.99		8.90		36.00		Pass
HE20	MCS0	2	6	2437	52/38	3.20	3.20	6.21	30.00		2.99		9.20		36.00		Pass
HE20	MCS0	2	6	2437	106/53	3.10	3.50	6.31	30.00		2.99		9.30		36.00		Pass
HE20	MCS0	2	11	2462	Full	12.50	12.40	15.46	30.00		2.99		18.45		36.00		Pass
HE20	MCS0	2	11	2462	26/8	2.30	2.60	5.46	30.00		2.99		8.45		36.00		Pass
HE20	MCS0	2	11	2462	52/40	2.50	2.70	5.61	30.00		2.99		8.60		36.00		Pass
HE20	MCS0	2	11	2462	106/54	2.60	2.80	5.71	30.00		2.99		8.70		36.00		Pass
HE40	MCS0	2	3	2422	Full	12.20	12.40	15.31	30.00		2.99		18.30		36.00		Pass
HE40	MCS0	2	3	2422	242/61	9.10	9.30	12.21	30.00		2.99		15.20		36.00		Pass
HE40	MCS0	2	6	2437	Full	12.40	12.50	15.46	30.00		2.99		18.45		36.00		Pass
HE40	MCS0	2	6	2437	242/61	9.00	9.20	12.11	30.00		2.99		15.10		36.00		Pass
HE40	MCS0	2	9	2452	Full	12.40	11.90	15.17	30.00		2.99		18.16		36.00		Pass
HE40	MCS0	2	9	2452	242/62	8.50	8.70	11.61	30.00		2.99		14.60		36.00		Pass

Note: Measured power (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	Ant2	Ant1	Ant2		
HE20	MCS0	2	1	2412	Full	19.23	19.28	18.50	18.62	0.50	Pass
HE20	MCS0	2	6	2437	Full	19.28	19.33	18.77	18.50	0.50	Pass
HE20	MCS0	2	11	2462	Full	19.28	19.33	18.70	18.35	0.50	Pass
HE40	MCS0	2	3	2422	Full	37.96	37.86	37.68	37.60	0.50	Pass
HE40	MCS0	2	6	2437	Full	37.76	37.86	37.88	37.48	0.50	Pass
HE40	MCS0	2	9	2452	Full	37.86	37.96	37.32	37.68	0.50	Pass

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band MIMO													
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
						Ant1	Ant2	Worse + 3.01	Ant1	Ant2	Ant1	Ant2	
HE20	MCS0	2	1	2412	Full	-13.54	-13.56	-10.53	5.99		8.00		Pass
HE20	MCS0	2	1	2412	26/0	-14.62	-13.89	-10.88	5.99		8.00		Pass
HE20	MCS0	2	6	2437	Full	-14.12	-13.82	-10.81	5.99		8.00		Pass
HE20	MCS0	2	6	2437	26/4	-15.05	-14.89	-11.88	5.99		8.00		Pass
HE20	MCS0	2	11	2462	Full	-13.78	-14.07	-10.77	5.99		8.00		Pass
HE20	MCS0	2	11	2462	26/8	-14.73	-14.31	-11.30	5.99		8.00		Pass
HE40	MCS0	2	3	2422	Full	-15.93	-16.55	-12.92	5.99		8.00		Pass
HE40	MCS0	2	3	2422	242/61	-16.56	-17.30	-13.55	5.99		8.00		Pass
HE40	MCS0	2	6	2437	Full	-16.65	-16.33	-13.32	5.99		8.00		Pass
HE40	MCS0	2	6	2437	242/61	-16.90	-16.66	-13.65	5.99		8.00		Pass
HE40	MCS0	2	9	2452	Full	-16.04	-17.42	-13.03	5.99		8.00		Pass
HE40	MCS0	2	9	2452	242/62	-16.86	-17.57	-13.85	5.99		8.00		Pass

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



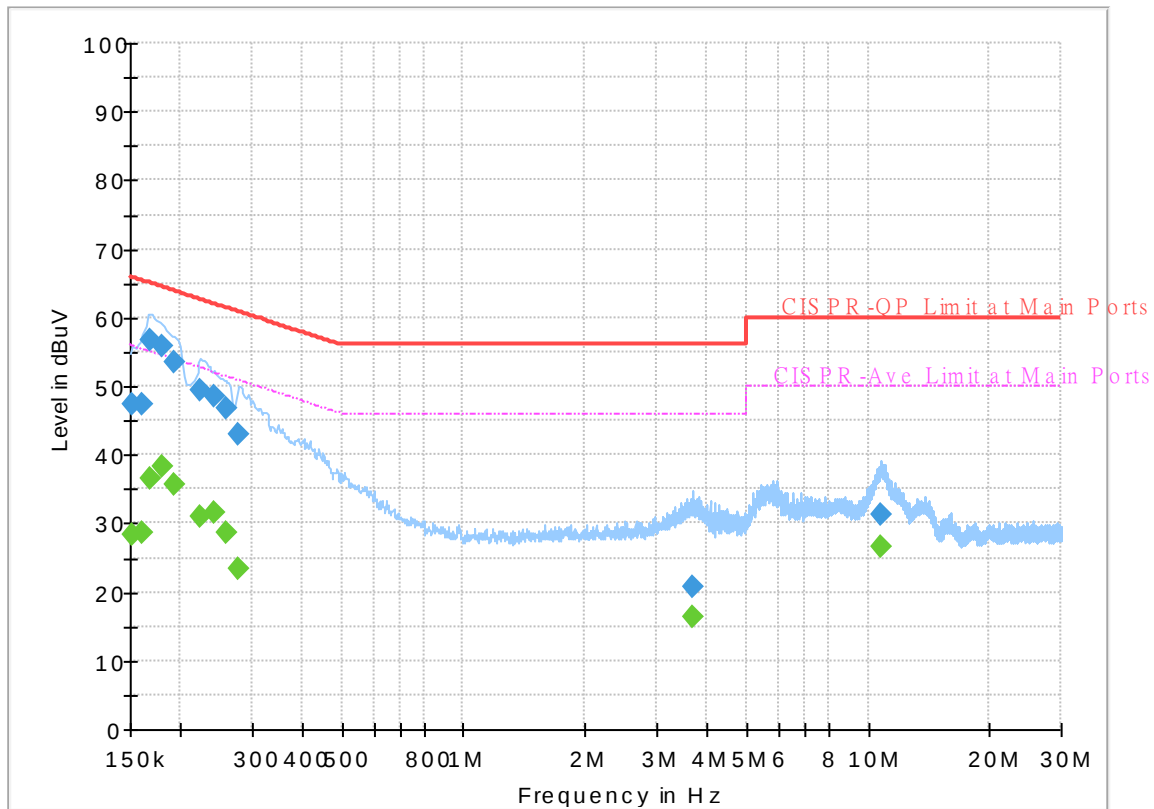
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 270404
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



Final_Result

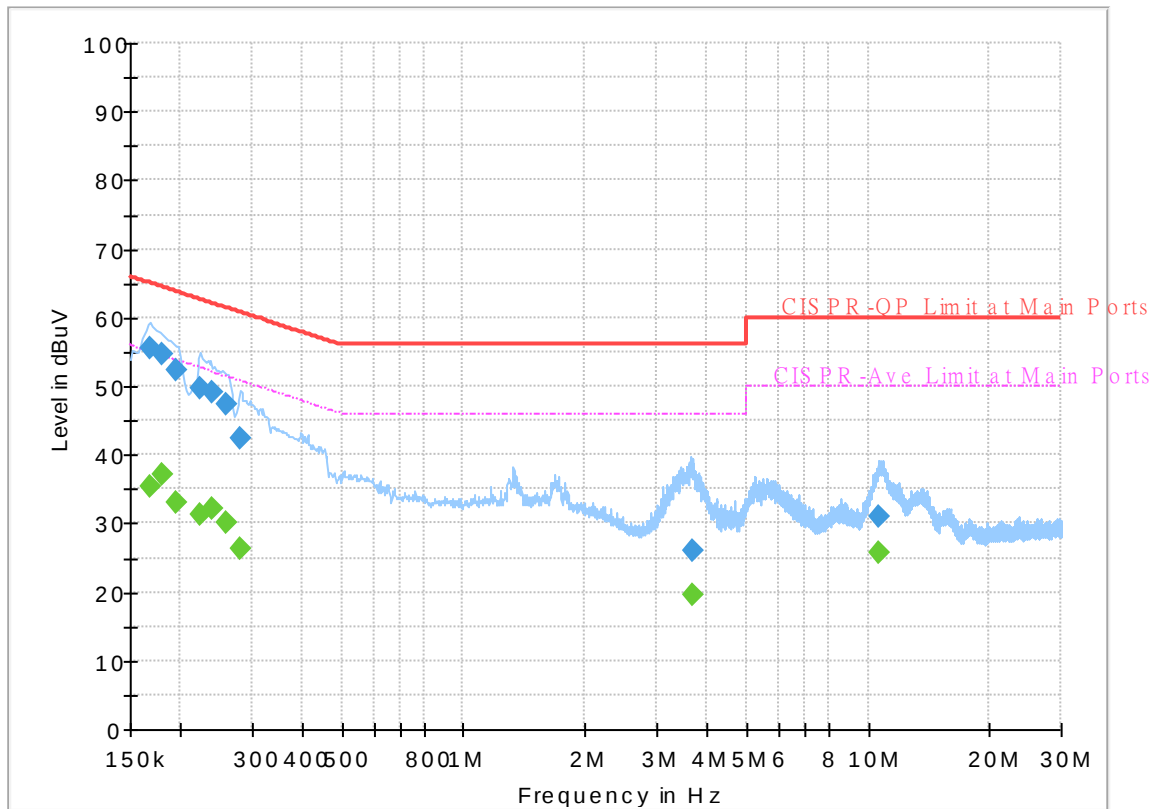
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.47	55.88	27.41	L1	OFF	19.8
0.152250	47.32	---	65.88	18.56	L1	OFF	19.8
0.161250	---	28.79	55.40	26.61	L1	OFF	19.8
0.161250	47.50	---	65.40	17.90	L1	OFF	19.8
0.168000	---	36.50	55.06	18.56	L1	OFF	19.8
0.168000	56.64	---	65.06	8.42	L1	OFF	19.8
0.179250	---	38.38	54.52	16.14	L1	OFF	19.8
0.179250	55.95	---	64.52	8.57	L1	OFF	19.8
0.192750	---	35.61	53.92	18.31	L1	OFF	19.8
0.192750	53.50	---	63.92	10.42	L1	OFF	19.8
0.224250	---	30.96	52.66	21.70	L1	OFF	19.8
0.224250	49.49	---	62.66	13.17	L1	OFF	19.8
0.242250	---	31.56	52.02	20.46	L1	OFF	19.8
0.242250	48.65	---	62.02	13.37	L1	OFF	19.8
0.260250	---	28.67	51.42	22.75	L1	OFF	19.8
0.260250	46.64	---	61.42	14.78	L1	OFF	19.8
0.278250	---	23.42	50.87	27.45	L1	OFF	19.8
0.278250	42.88	---	60.87	17.99	L1	OFF	19.8
3.689250	---	16.42	46.00	29.58	L1	OFF	19.8
3.689250	20.74	---	56.00	35.26	L1	OFF	19.8
10.738500	---	26.59	50.00	23.41	L1	OFF	20.0

10.738500	31.27	---	60.00	28.73	L1	OFF	20.0
-----------	-------	-----	-------	-------	----	-----	------

EUT Information

Report NO : 270404
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)
0.168000	---	35.50	55.06	19.56	N	OFF	19.8
0.168000	55.46	---	65.06	9.60	N	OFF	19.8
0.179250	---	37.23	54.52	17.29	N	OFF	19.8
0.179250	54.76	---	64.52	9.76	N	OFF	19.8
0.195000	---	33.03	53.82	20.79	N	OFF	19.8
0.195000	52.26	---	63.82	11.56	N	OFF	19.8
0.224250	---	31.33	52.66	21.33	N	OFF	19.8
0.224250	49.69	---	62.66	12.97	N	OFF	19.8
0.240000	---	32.10	52.10	20.00	N	OFF	19.8
0.240000	49.23	---	62.10	12.87	N	OFF	19.8
0.258000	---	30.20	51.50	21.30	N	OFF	19.8
0.258000	47.41	---	61.50	14.09	N	OFF	19.8
0.280500	---	26.28	50.80	24.52	N	OFF	19.8
0.280500	42.48	---	60.80	18.32	N	OFF	19.8
3.684750	---	19.70	46.00	26.30	N	OFF	19.8
3.684750	26.15	---	56.00	29.85	N	OFF	19.8
10.686750	---	25.85	50.00	24.15	N	OFF	20.0
10.686750	30.86	---	60.00	29.14	N	OFF	20.0



Appendix C. Radiated Spurious Emission

Test Engineer :	JC Liang and Leo Li	Temperature :	18~20°C
		Relative Humidity :	66~70%

Remark: For Radiated Spurious Emission Test Items, Ant. 1 means Aux. Antenna and Ant. 2 means Main Antenna.

<Sample 1>

2.4GHz 2400~2483.5MHz

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

WIFI Ant. 1+2	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		2347.92	49.94	-24.06	74	40.48	27.1	18.61	36.25	150	255	P	H
		2389.68	39.19	-14.81	54	29.52	27.26	18.68	36.27	150	255	A	H
	*	2452	107.53	-	-	97.52	27.51	18.8	36.3	150	255	P	H
	*	2452	98.93	-	-	88.92	27.51	18.8	36.3	150	255	A	H
		2486.8	63.36	-10.64	74	53.16	27.65	18.86	36.31	150	255	P	H
		2483.52	51.35	-2.65	54	41.17	27.63	18.86	36.31	150	255	A	H
		2320.08	49.62	-24.38	74	40.2	27.1	18.56	36.24	327	142	P	V
		2390	39.08	-14.92	54	29.41	27.26	18.68	36.27	327	142	A	V
	*	2452	103.96	-	-	93.95	27.51	18.8	36.3	327	142	P	V
	*	2452	94.36	-	-	84.35	27.51	18.8	36.3	327	142	A	V
		2487.2	59.89	-14.11	74	49.68	27.65	18.87	36.31	327	142	P	V
		2486.48	46.84	-7.16	54	36.64	27.65	18.86	36.31	327	142	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)

[illegible]



<Sample 2>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2386.23	50.58	-23.42	74	40.93	27.24	18.68	36.27	366	209	P	H
		2389.485	41.55	-12.45	54	31.88	27.26	18.68	36.27	366	209	A	H
	*	2412	108.83	-	-	99.04	27.35	18.72	36.28	366	209	P	H
	*	2412	105.64	-	-	95.85	27.35	18.72	36.28	366	209	A	H
													H
													H
		2387.7	51.81	-22.19	74	42.15	27.25	18.68	36.27	349	147	P	V
		2390	42.43	-11.57	54	32.76	27.26	18.68	36.27	349	147	A	V
	*	2412	108.39	-	-	98.6	27.35	18.72	36.28	349	147	P	V
	*	2412	105.25	-	-	95.46	27.35	18.72	36.28	349	147	A	V
													V
													V
802.11b CH 06 2437MHz		2324.88	50.13	-23.87	74	40.71	27.1	18.56	36.24	353	209	P	H
		2359.28	41.46	-12.54	54	31.95	27.14	18.63	36.26	353	209	A	H
	*	2437	108.74	-	-	98.81	27.45	18.77	36.29	353	209	P	H
	*	2437	105.52	-	-	95.59	27.45	18.77	36.29	353	209	A	H
		2484.88	50.29	-23.71	74	40.1	27.64	18.86	36.31	353	209	P	H
		2486.88	40.91	-13.09	54	30.7	27.65	18.87	36.31	353	209	A	H
		2355.92	50.13	-23.87	74	40.65	27.12	18.62	36.26	337	144	P	V
		2360.88	40.66	-13.34	54	31.15	27.14	18.63	36.26	337	144	A	V
	*	2437	107.97	-	-	98.04	27.45	18.77	36.29	337	144	P	V
	*	2437	104.76	-	-	94.83	27.45	18.77	36.29	337	144	A	V
		2485.92	50.22	-23.78	74	40.03	27.64	18.86	36.31	337	144	P	V
		2487.84	40.89	-13.11	54	30.68	27.65	18.87	36.31	337	144	A	V



WIFI Ant. 1	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	*	2462	108.11	-	-	98.04	27.55	18.82	36.3	346	227	P	H
	*	2462	104.92	-	-	94.85	27.55	18.82	36.3	346	227	A	H
		2484.16	51.55	-22.45	74	41.36	27.64	18.86	36.31	346	227	P	H
		2483.72	42.64	-11.36	54	32.46	27.63	18.86	36.31	346	227	A	H
													H
													H
	*	2462	106.98	-	-	96.91	27.55	18.82	36.3	383	147	P	V
	*	2462	103.88	-	-	93.81	27.55	18.82	36.3	383	147	A	V
		2483.84	50.48	-23.52	74	40.29	27.64	18.86	36.31	383	147	P	V
		2484	41.16	-12.84	54	30.97	27.64	18.86	36.31	383	147	A	V
													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)

[illegible]



WIFI Ant. 1	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	43.82	-30.18	74	35.88	32.5	13.04	37.6	-	-	P	H
		7311	50.82	-23.18	74	36.57	36.9	15.88	38.53	105	231	P	H
		7311	43.89	-10.11	54	29.64	36.9	15.88	38.53	105	231	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	42.92	-31.08	74	34.98	32.5	13.04	37.6	-	-	P	V
		7311	52.39	-21.61	74	38.14	36.9	15.88	38.53	384	193	P	V
		7311	45.66	-8.34	54	31.41	36.9	15.88	38.53	384	193	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	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	43.72	-30.28	74	35.58	32.74	13.03	37.63	-	-	P	H
		7386	50.78	-23.22	74	36.76	36.68	15.93	38.59	110	233	P	H
		7386	41.66	-12.34	54	27.64	36.68	15.93	38.59	110	233	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4924	43.68	-30.32	74	35.54	32.74	13.03	37.63	-	-	P	V
		7386	51.18	-22.82	74	37.16	36.68	15.93	38.59	400	165	P	V
		7386	41.95	-12.05	54	27.93	36.68	15.93	38.59	400	165	A	V
													V
													V
													V
													V
													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.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1	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		2388.855	55.4	-18.6	74	45.73	27.26	18.68	36.27	368	206	P	H
		2390	45.71	-8.29	54	36.04	27.26	18.68	36.27	368	206	A	H
	*	2412	110.97	-	-	101.18	27.35	18.72	36.28	368	206	P	H
	*	2412	102.4	-	-	92.61	27.35	18.72	36.28	368	206	A	H
													H
													H
		2389.275	56.4	-17.6	74	46.73	27.26	18.68	36.27	349	148	P	V
		2390	45.93	-8.07	54	36.26	27.26	18.68	36.27	349	148	A	V
	*	2412	110.07	-	-	100.28	27.35	18.72	36.28	349	148	P	V
	*	2412	102.22	-	-	92.43	27.35	18.72	36.28	349	148	A	V
													V
													V
802.11g CH 06 2437MHz		2344.08	49.34	-24.66	74	39.89	27.1	18.6	36.25	308	227	P	H
		2367.76	38.91	-15.09	54	29.36	27.17	18.64	36.26	308	227	A	H
	*	2437	110.13	-	-	100.2	27.45	18.77	36.29	308	227	P	H
	*	2437	102.25	-	-	92.32	27.45	18.77	36.29	308	227	A	H
		2493.76	49.99	-24.01	74	39.75	27.68	18.88	36.32	308	227	P	H
		2496.16	39.36	-14.64	54	29.12	27.68	18.88	36.32	308	227	A	H
		2382.32	50.43	-23.57	74	40.8	27.23	18.67	36.27	338	145	P	V
		2366.16	39.15	-14.85	54	29.61	27.16	18.64	36.26	338	145	A	V
	*	2437	109.77	-	-	99.84	27.45	18.77	36.29	338	145	P	V
	*	2437	101.37	-	-	91.44	27.45	18.77	36.29	338	145	A	V
		2494.24	49.56	-24.44	74	39.32	27.68	18.88	36.32	338	145	P	V
		2483.6	39.08	-14.92	54	28.9	27.63	18.86	36.31	338	145	A	V



WIFI Ant. 1	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	*	2462	108.6	-	-	98.53	27.55	18.82	36.3	295	226	P	H
	*	2462	101.07	-	-	91	27.55	18.82	36.3	295	226	A	H
		2483.52	58.2	-15.8	74	48.02	27.63	18.86	36.31	295	226	P	H
		2483.52	47.07	-6.93	54	36.89	27.63	18.86	36.31	295	226	A	H
													H
													H
	*	2462	106.86	-	-	96.79	27.55	18.82	36.3	400	145	P	V
	*	2462	98.7	-	-	88.63	27.55	18.82	36.3	400	145	A	V
		2483.52	56.77	-17.23	74	46.59	27.63	18.86	36.31	400	145	P	V
		2483.52	45.38	-8.62	54	35.2	27.63	18.86	36.31	400	145	A	V
													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

[illegible]



Report No. : FR270404C

802.11g
CH 06
2437MHz

[illegible]



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 01 2412MHz		2389.905	54.45	-19.55	74	44.78	27.26	18.68	36.27	116	129	P	H
		2390	45.2	-8.8	54	35.53	27.26	18.68	36.27	116	129	A	H
	*	2412	109.76	-	-	99.97	27.35	18.72	36.28	116	129	P	H
	*	2412	101.46	-	-	91.67	27.35	18.72	36.28	116	129	A	H
													H
													H
		2389.59	50.05	-23.95	74	40.38	27.26	18.68	36.27	283	186	P	V
		2390	40.51	-13.49	54	30.84	27.26	18.68	36.27	283	186	A	V
	*	2412	107.21	-	-	97.42	27.35	18.72	36.28	283	186	P	V
	*	2412	98.78	-	-	88.99	27.35	18.72	36.28	283	186	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2365.04	49.75	-24.25	74	40.21	27.16	18.64	36.26	107	114	P	H
		2366	39.01	-14.99	54	29.47	27.16	18.64	36.26	107	114	A	H
	*	2437	113.4	-	-	103.47	27.45	18.77	36.29	107	114	P	H
	*	2437	103.36	-	-	93.43	27.45	18.77	36.29	107	114	A	H
		2492.24	49.81	-24.19	74	39.58	27.67	18.88	36.32	107	114	P	H
		2492.8	39.19	-14.81	54	28.96	27.67	18.88	36.32	107	114	A	H
		2363.76	49.23	-24.77	74	39.7	27.16	18.63	36.26	387	299	P	V
		2389.2	38.28	-15.72	54	28.61	27.26	18.68	36.27	387	299	A	V
	*	2437	107.41	-	-	97.48	27.45	18.77	36.29	387	299	P	V
	*	2437	97.17	-	-	87.24	27.45	18.77	36.29	387	299	A	V
		2487.76	49.69	-24.31	74	39.48	27.65	18.87	36.31	387	299	P	V
		2500	38.81	-15.19	54	28.54	27.7	18.89	36.32	387	299	A	V



WIFI Ant. 1+2	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	110.17	-	-	100.1	27.55	18.82	36.3	100	133	P	H
	*	2462	101.24	-	-	91.17	27.55	18.82	36.3	100	133	A	H
		2483.6	61.08	-12.92	74	50.9	27.63	18.86	36.31	100	133	P	H
		2483.52	49.9	-4.1	54	39.72	27.63	18.86	36.31	100	133	A	H
													H
													H
	*	2462	108.52	-	-	98.45	27.55	18.82	36.3	298	189	P	V
	*	2462	99.17	-	-	89.1	27.55	18.82	36.3	298	189	A	V
		2483.6	59.35	-14.65	74	49.17	27.63	18.86	36.31	298	189	P	V
		2483.52	47.36	-6.64	54	37.18	27.63	18.86	36.31	298	189	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)

[illegible]



WIFI Ant. 1+2	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	43.41	-30.59	74	35.47	32.5	13.04	37.6	-	-	P	H
		7311	49.44	-24.56	74	35.19	36.9	15.88	38.53	100	279	P	H
		7311	39.09	-14.91	54	24.84	36.9	15.88	38.53	100	279	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	43.6	-30.4	74	35.66	32.5	13.04	37.6	-	-	P	V
		7311	47.88	-26.12	74	33.63	36.9	15.88	38.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 1+2	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 26/0 CH 01 2412MHz		2383.29	49.37	-24.63	74	39.74	27.23	18.67	36.27	144	132	P	H
		2389.485	38.77	-15.23	54	29.1	27.26	18.68	36.27	144	132	A	H
	*	2412	112.23	-	-	102.44	27.35	18.72	36.28	144	132	P	H
	*	2412	103.78	-	-	93.99	27.35	18.72	36.28	144	132	A	H
													H
													H
		2379.195	49.14	-24.86	74	39.53	27.22	18.66	36.27	127	319	P	V
		2389.485	38.23	-15.77	54	28.56	27.26	18.68	36.27	127	319	A	V
	*	2412	104.13	-	-	94.34	27.35	18.72	36.28	127	319	P	V
	*	2412	96.24	-	-	86.45	27.35	18.72	36.28	127	319	A	V
													V
													V
802.11ax HE20 Partial 26/8 CH 11 2462MHz	*	2462	108.72	-	-	98.65	27.55	8.79	36.3	229	133	P	H
	*	2462	101.14	-	-	91.07	27.55	8.79	36.3	229	133	A	H
		2483.88	50.18	-23.82	74	39.99	27.64	8.83	36.31	229	133	P	H
		2484.68	39.21	-14.79	54	29.02	27.64	8.83	36.31	229	133	A	H
													H
													H
	*	2462	101.49	-	-	91.42	27.55	8.79	36.3	100	316	P	V
	*	2462	93.25	-	-	83.18	27.55	8.79	36.3	100	316	A	V
		2495.04	49.7	-24.3	74	39.46	27.68	8.85	36.32	100	316	P	V
		2499.12	38.85	-15.15	54	28.58	27.7	8.86	36.32	100	316	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 HE20 Partial 26 (Harmonic @ 3m)

[illegible]

[illegible]



2.4GHz 2400~2483.5MHz

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

WIFI Ant. 1+2	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		2389.36	56.55	-17.45	74	46.88	27.26	18.68	36.27	123	128	P	H
		2390	47.51	-6.49	54	37.84	27.26	18.68	36.27	123	128	A	H
	*	2422	108.46	-	-	98.62	27.39	18.74	36.29	123	128	P	H
	*	2422	98.73	-	-	88.89	27.39	18.74	36.29	123	128	A	H
		2488.4	50.06	-23.94	74	39.85	27.65	18.87	36.31	123	128	P	H
		2483.52	39.52	-14.48	54	29.34	27.63	18.86	36.31	123	128	A	H
		2388.4	52.57	-21.43	74	42.91	27.25	18.68	36.27	285	184	P	V
		2384.72	41.31	-12.69	54	31.67	27.24	18.67	36.27	285	184	A	V
	*	2422	102.83	-	-	92.99	27.39	18.74	36.29	285	184	P	V
	*	2422	94.45	-	-	84.61	27.39	18.74	36.29	285	184	A	V
		2491.28	49.44	-24.56	74	39.22	27.67	18.87	36.32	285	184	P	V
		2483.52	39.03	-14.97	54	28.85	27.63	18.86	36.31	285	184	A	V
802.11ax HE40 Full CH 06 2437MHz		2389.52	55.23	-18.77	74	45.56	27.26	18.68	36.27	100	112	P	H
		2390	43.49	-10.51	54	33.82	27.26	18.68	36.27	100	112	A	H
	*	2437	109.46	-	-	99.53	27.45	18.77	36.29	100	112	P	H
	*	2437	100.85	-	-	90.92	27.45	18.77	36.29	100	112	A	H
		2484.48	58.15	-15.85	74	47.96	27.64	18.86	36.31	100	112	P	H
		2483.52	46.82	-7.18	54	36.64	27.63	18.86	36.31	100	112	A	H
		2389.04	51.2	-22.8	74	41.53	27.26	18.68	36.27	388	304	P	V
		2390	40.45	-13.55	54	30.78	27.26	18.68	36.27	388	304	A	V
	*	2437	103.6	-	-	93.67	27.45	18.77	36.29	388	304	P	V
	*	2437	94.82	-	-	84.89	27.45	18.77	36.29	388	304	A	V
		2483.68	51.06	-22.94	74	40.88	27.63	18.86	36.31	388	304	P	V
		2483.52	40.87	-13.13	54	30.69	27.63	18.86	36.31	388	304	A	V



WIFI Ant. 1+2	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		2375.28	49.76	-24.24	74	40.17	27.2	18.66	36.27	100	133	P	H
		2390	39.47	-14.53	54	29.8	27.26	18.68	36.27	100	133	A	H
	*	2452	108.01	-	-	98	27.51	18.8	36.3	100	133	P	H
	*	2452	98.71	-	-	88.7	27.51	18.8	36.3	100	133	A	H
		2487.12	62.47	-11.53	74	52.26	27.65	18.87	36.31	100	133	P	H
		2483.52	52.04	-1.96	54	41.86	27.63	18.86	36.31	100	133	A	H
		2358.64	49.63	-24.37	74	40.13	27.13	18.63	36.26	282	187	P	V
		2389.84	38.26	-15.74	54	28.59	27.26	18.68	36.27	282	187	A	V
	*	2452	101.15	-	-	91.14	27.51	18.8	36.3	282	187	P	V
	*	2452	92.4	-	-	82.39	27.51	18.8	36.3	282	187	A	V
		2484.48	58.12	-15.88	74	47.93	27.64	18.86	36.31	282	187	P	V
		2483.52	47.4	-6.6	54	37.22	27.63	18.86	36.31	282	187	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)

[illegible]



WIFI Ant. 1+2	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	43.23	-30.77	74	35.29	32.5	13.04	37.6	-	-	P	H
		7311	47.57	-26.43	74	33.32	36.9	15.88	38.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	43.37	-30.63	74	35.43	32.5	13.04	37.6	-	-	P	V
		7311	47.37	-26.63	74	33.12	36.9	15.88	38.53	-	-	P	V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	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	43.49	-30.51	74	35.45	32.62	13.04	37.62	-	-	P	H
		7356	47.84	-26.16	74	33.63	36.86	15.91	38.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	



Emission above 18GHz

2.4GHz WIFI 802.11ax HE40 (SHF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11ax HE40 SHF		24832	42.54	-31.46	74	36.5	39.67	19.57	53.2	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	
												H	

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	Peak or Average
H/V	Horizontal or Vertical

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+2		(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 :	JC Liang and Leo Li	Temperature :	18~20°C
		Relative Humidity :	66~70%

Remark: For Radiated Spurious Emission Test Items, Ant. 1 means Aux. Antenna and Ant. 2 means Main Antenna.

Note symbol

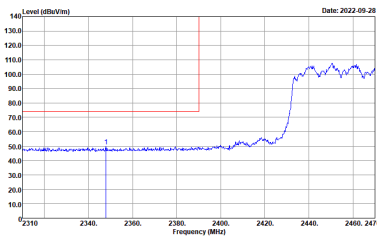
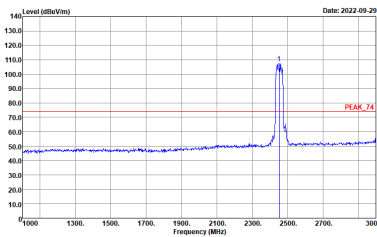
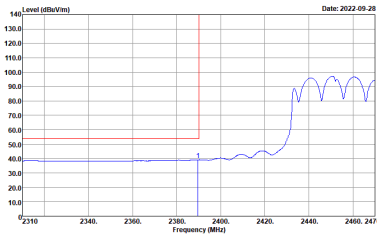
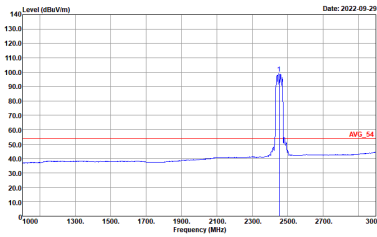
-L	Low channel location
-R	High channel location



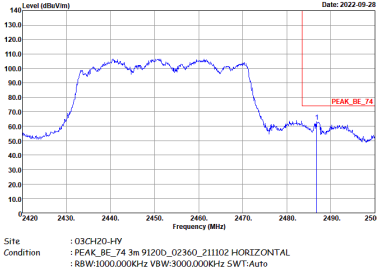
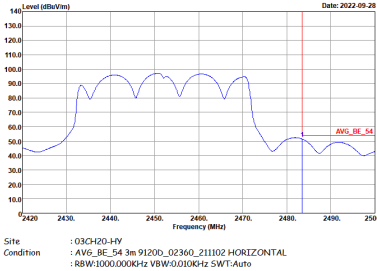
<Sample 1>

2.4GHz 2400~2483.5MHz

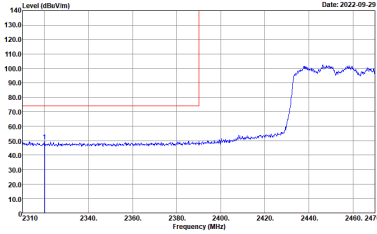
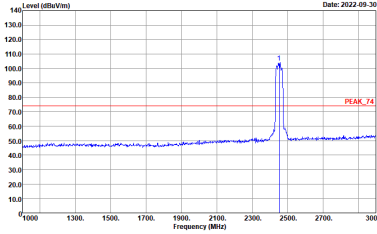
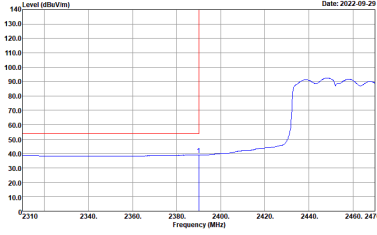
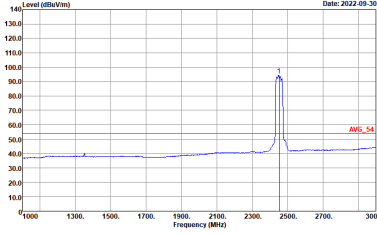
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : : PEAK_9C_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : : AVG_9C_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

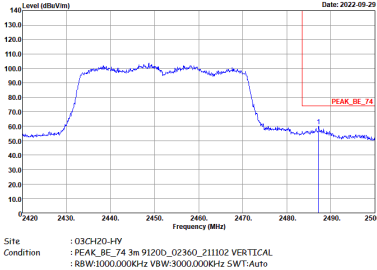
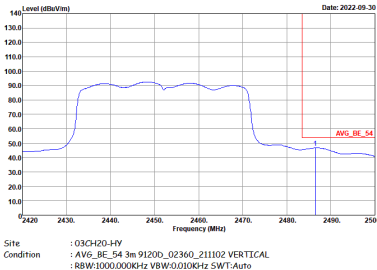


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-09-28	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-09-28	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

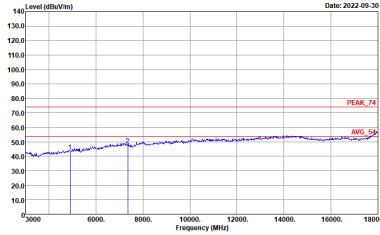
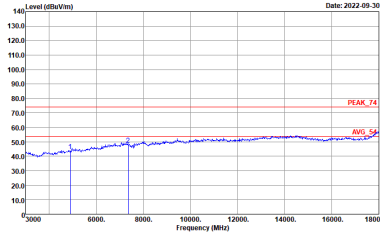


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-09-29	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-09-30	Left blank



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 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL

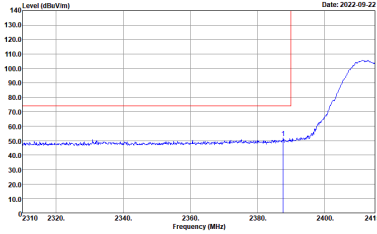
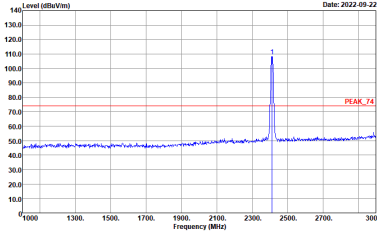
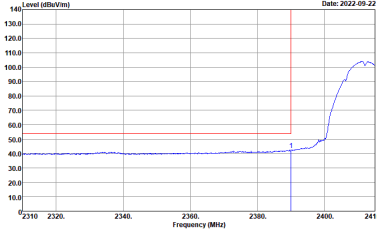
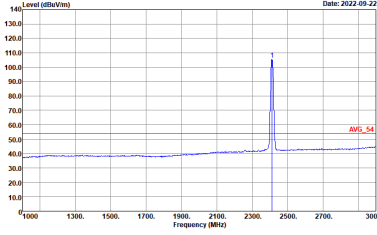


<Sample 2>

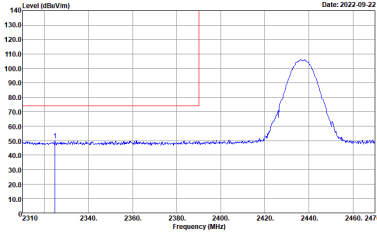
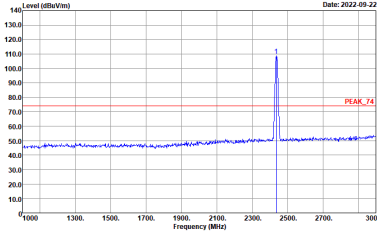
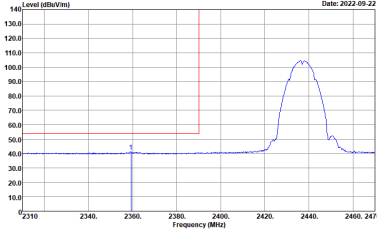
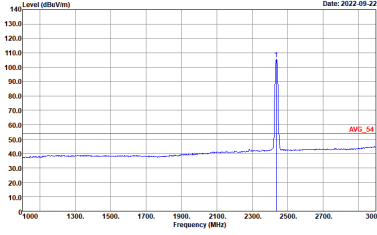
2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

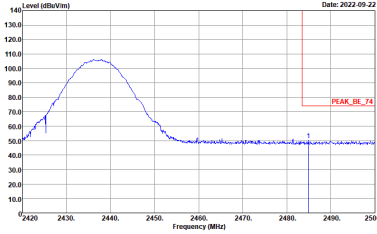
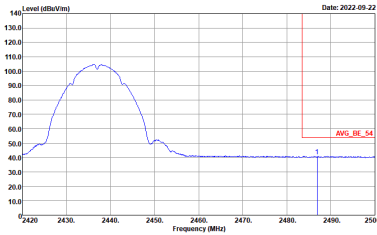
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_9C_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_9C_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto

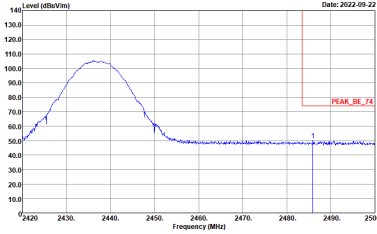
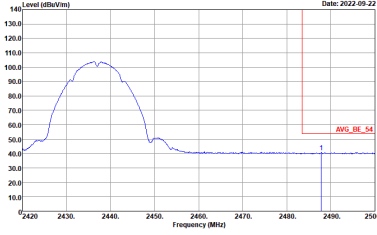


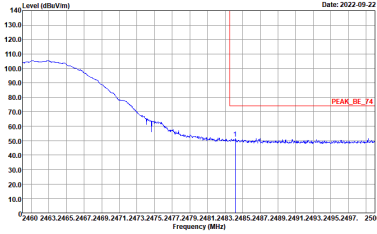
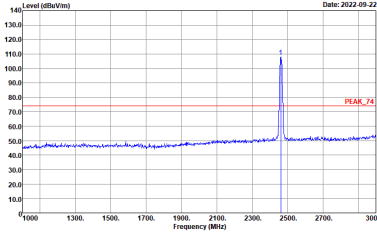
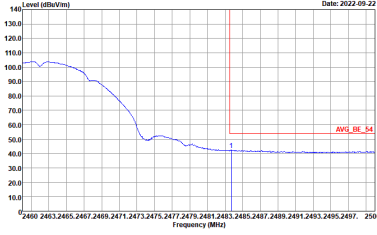
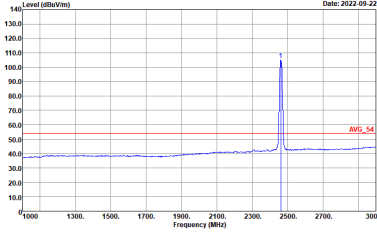
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

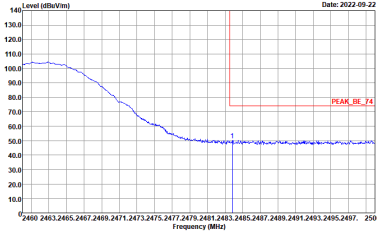
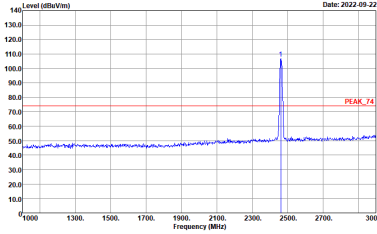
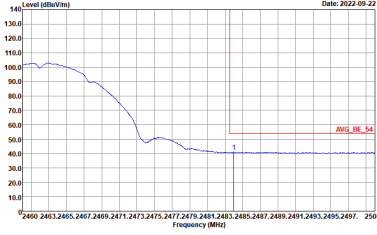
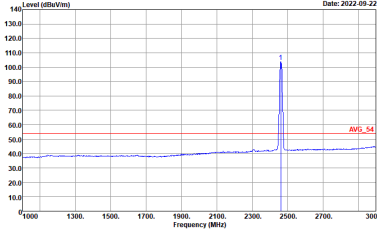


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



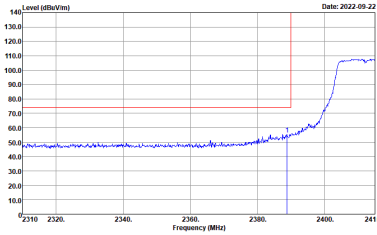
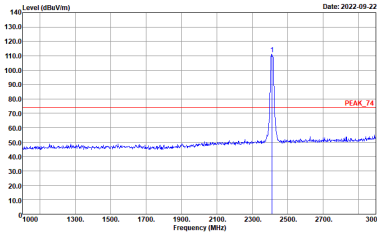
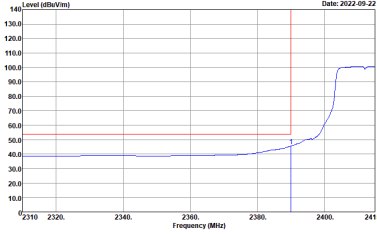
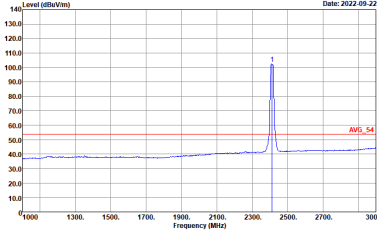
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : 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	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		

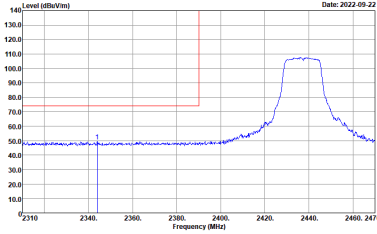
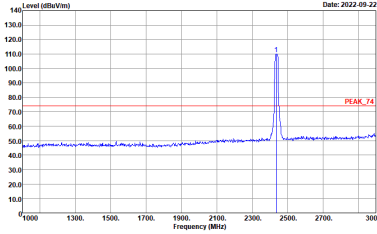
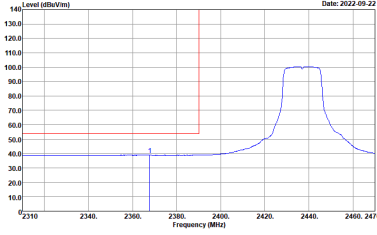
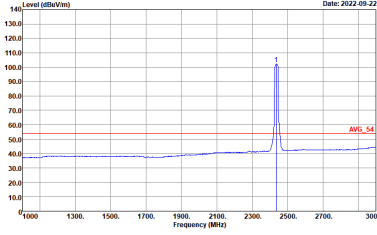


2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

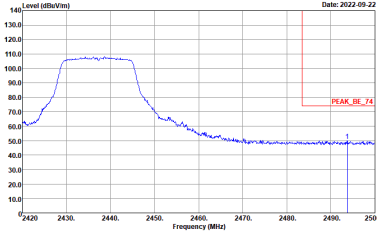
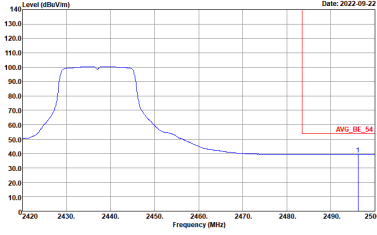
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

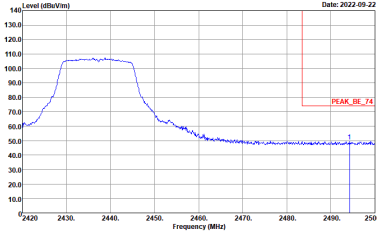
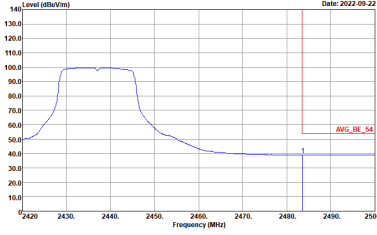


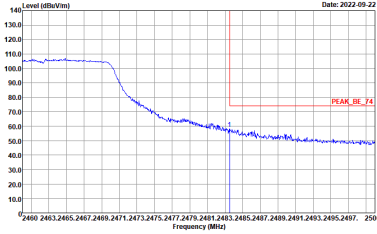
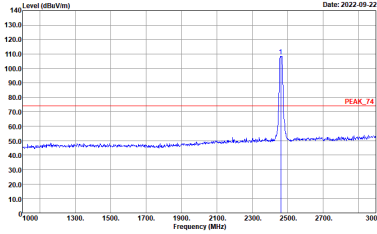
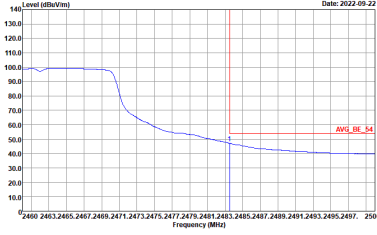
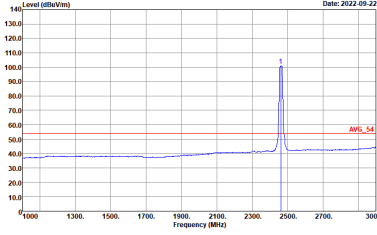
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank

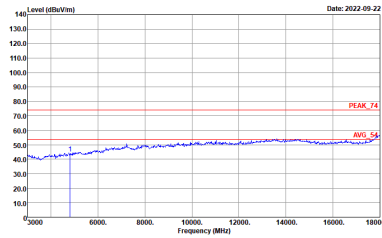
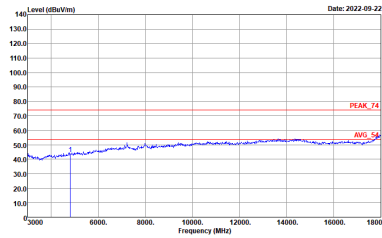
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



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

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBu/V/m) Date: 2022-09-22 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 HORIZONTAL	Level (dBu/V/m) Date: 2022-09-22 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



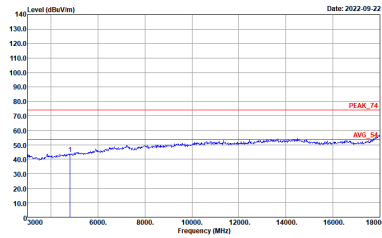
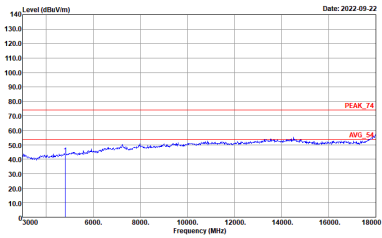
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBu/V/m) Date: 2022-09-22 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 HORIZONTAL	Level (dBu/V/m) Date: 2022-09-22 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 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	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-09-22 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 HORIZONTAL	Level (dBuV/m) Date: 2022-09-22 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL
	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 HORIZONTAL	Site : 03CH20-HY Condition : AV6_54 3m 91200_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBu/V/m) Date: 2022-09-22 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Level (dBu/V/m) Date: 2022-09-22 Site : 03CH20-HY Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL

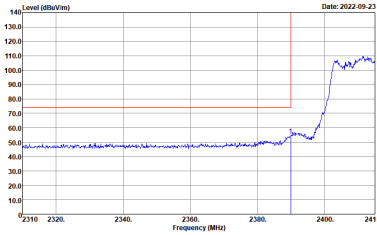
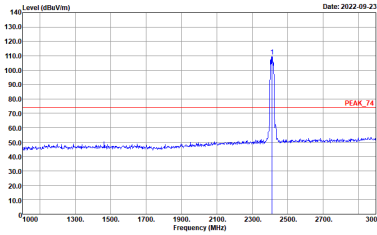
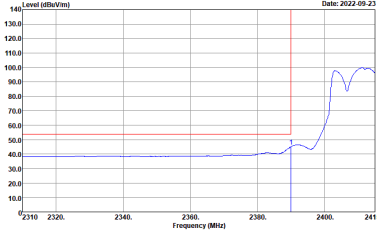
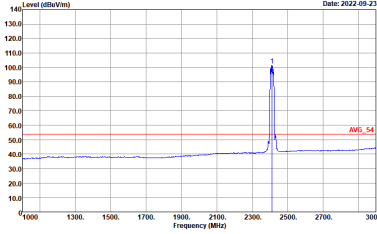


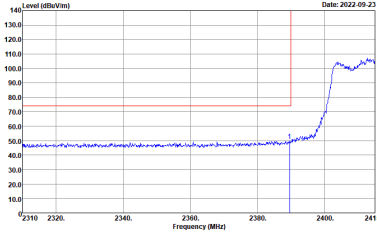
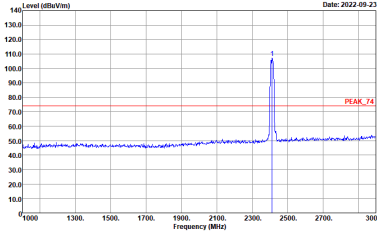
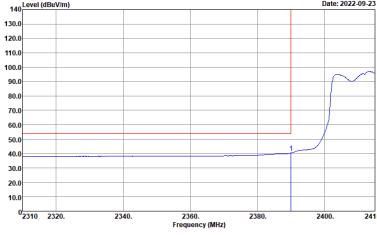
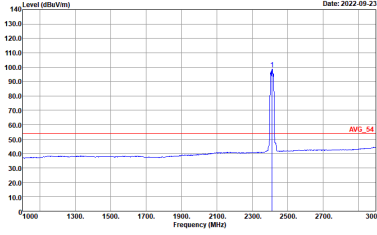
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



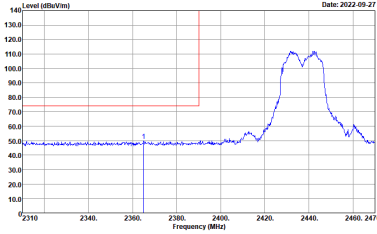
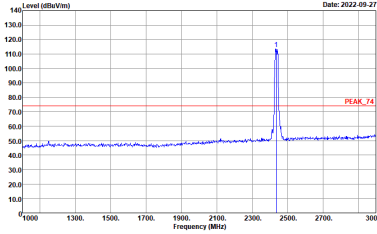
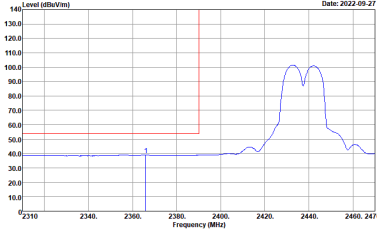
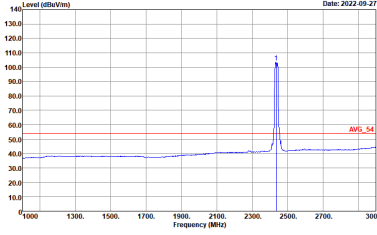
2.4GHz 2400~2483.5MHz

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

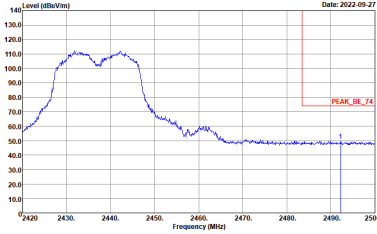
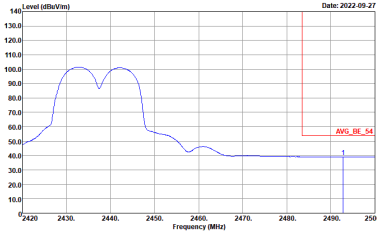
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

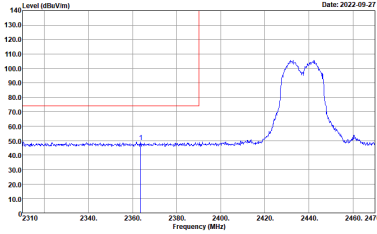
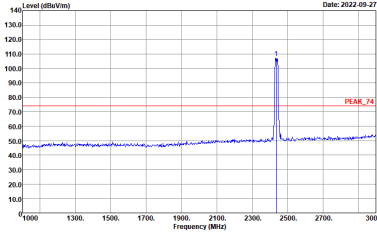
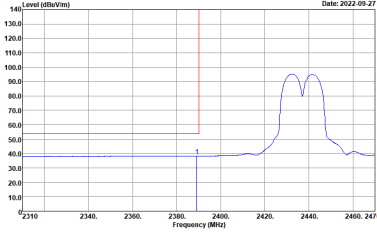
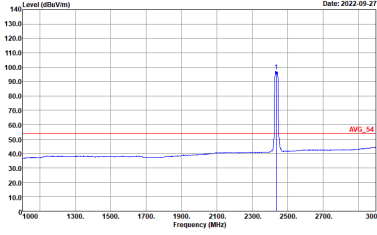
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



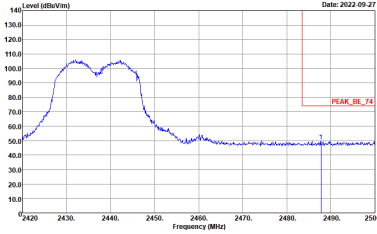
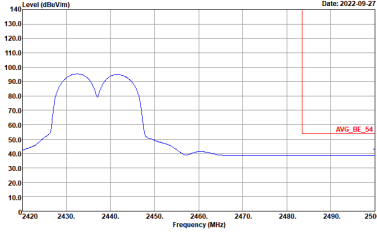
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



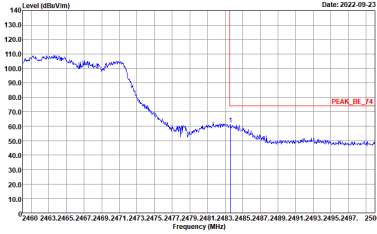
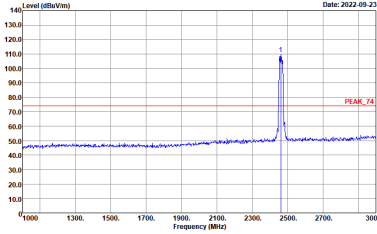
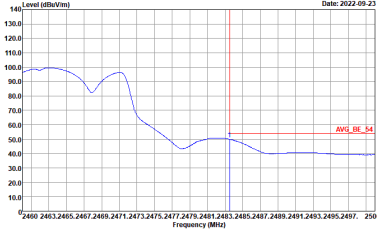
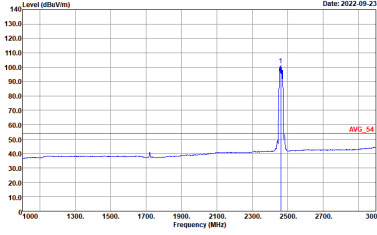
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

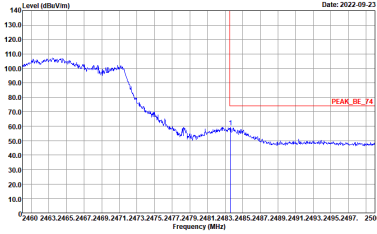
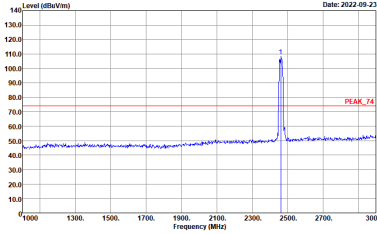
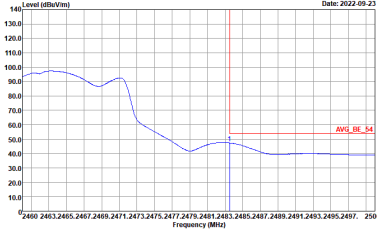
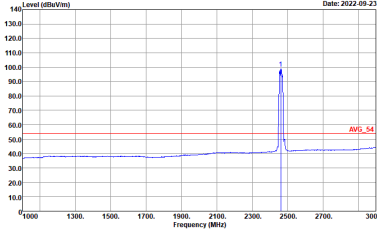
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



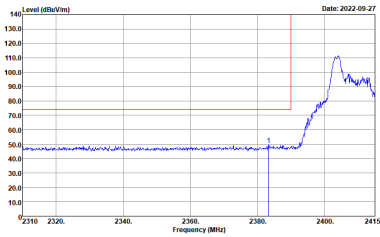
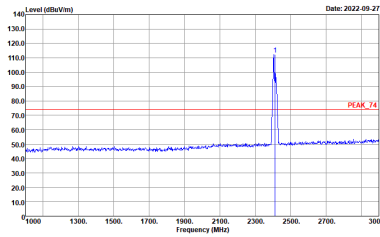
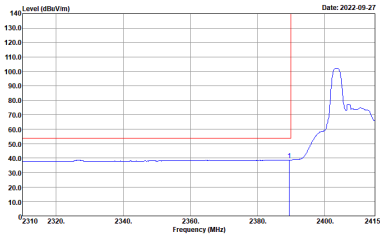
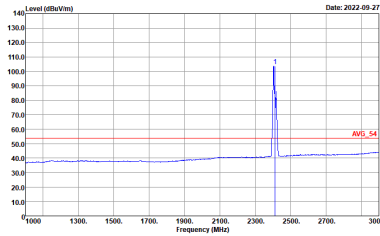
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

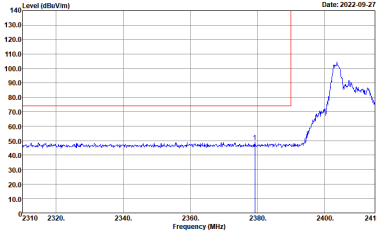
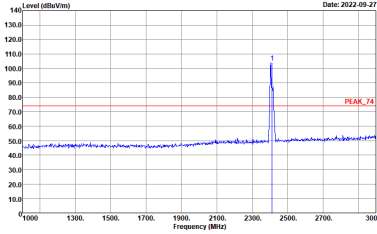
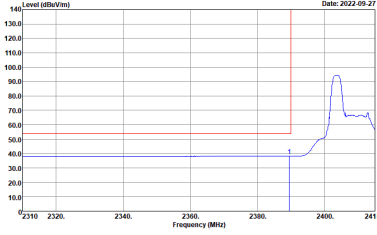
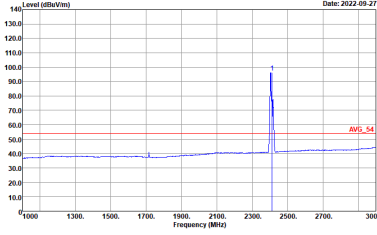
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

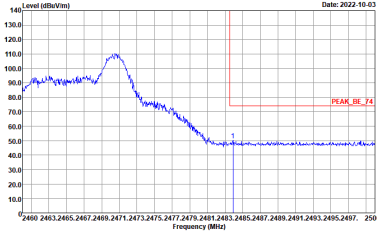
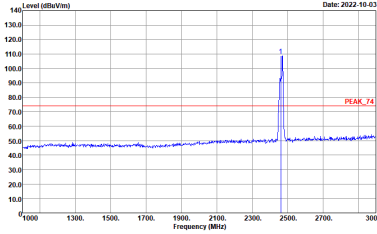
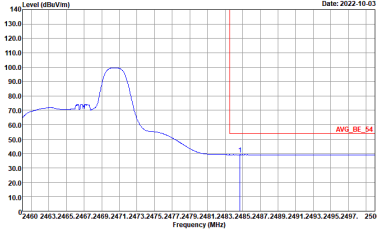
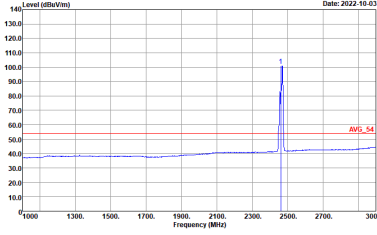


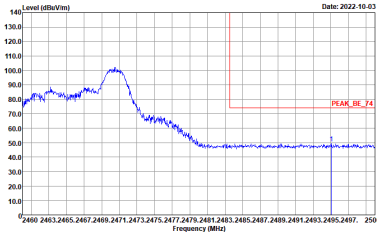
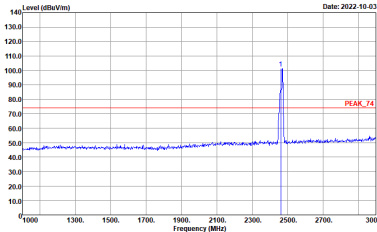
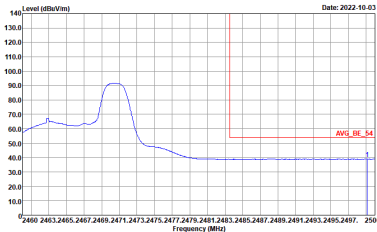
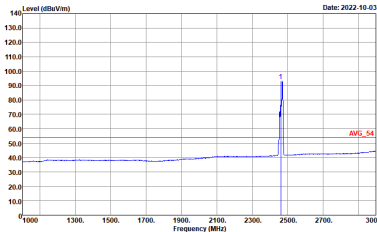
2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

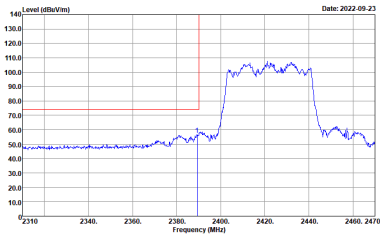
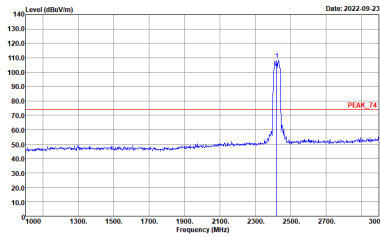
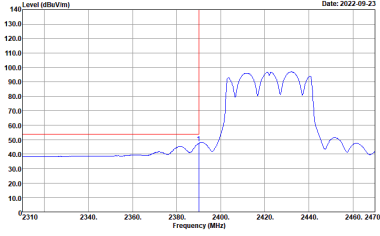
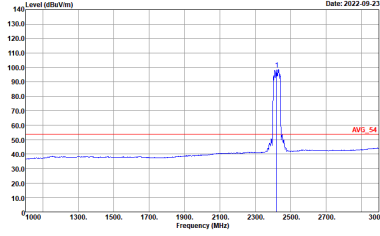
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

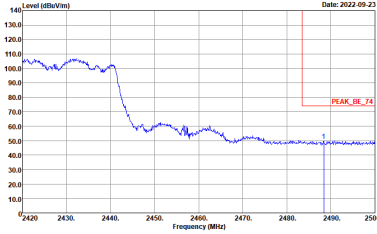
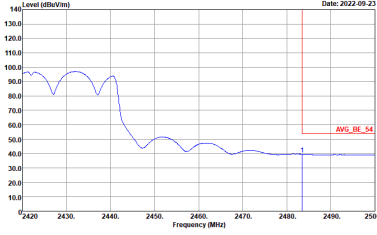


2.4GHz 2400~2483.5MHz

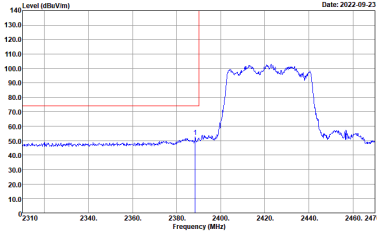
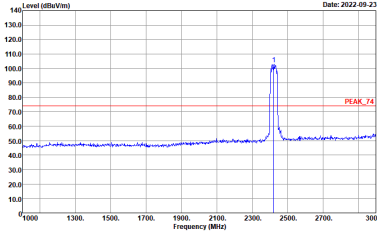
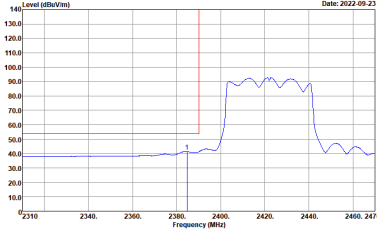
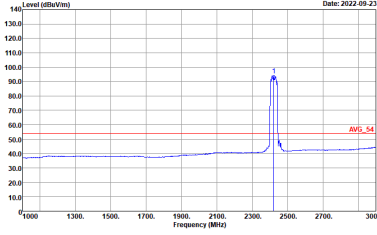
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

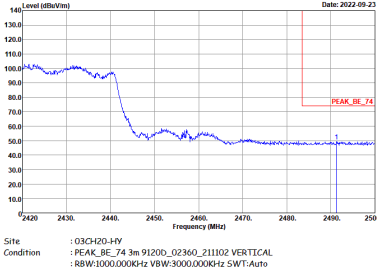
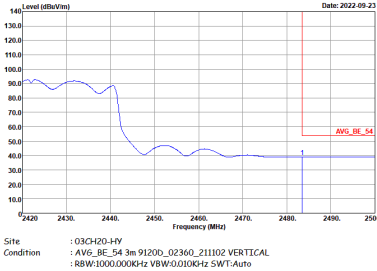


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

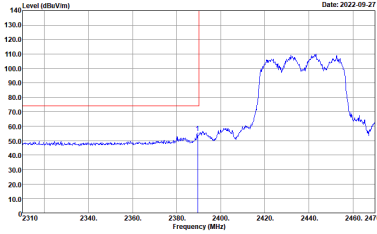
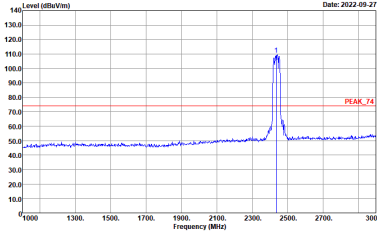
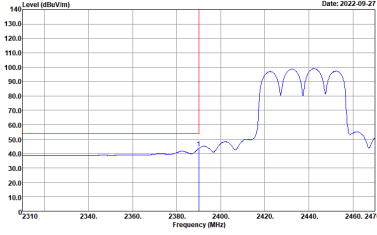
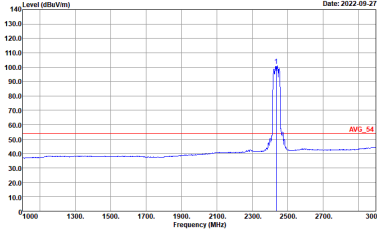


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

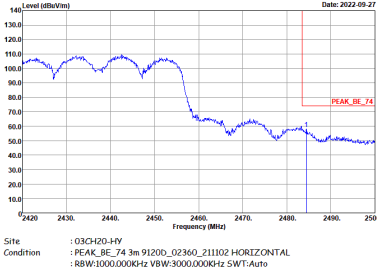
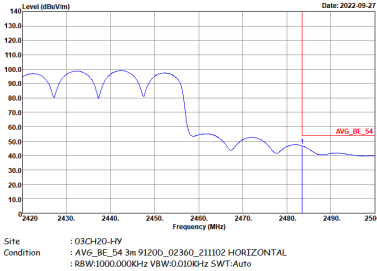


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

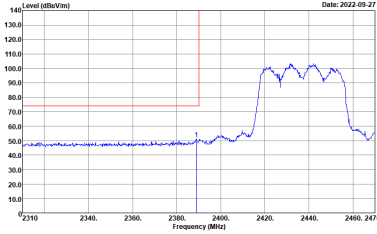
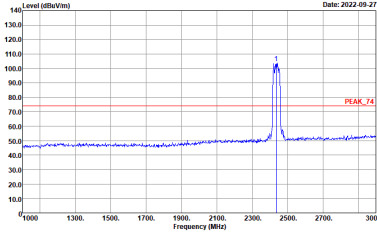
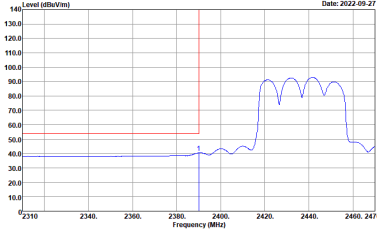
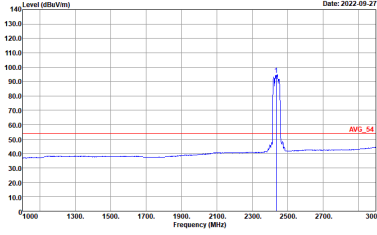


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

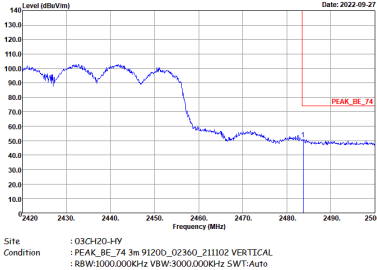
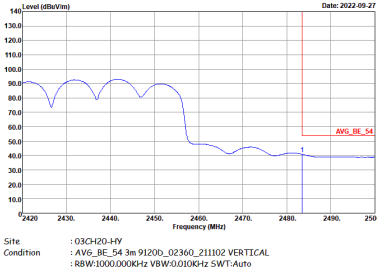


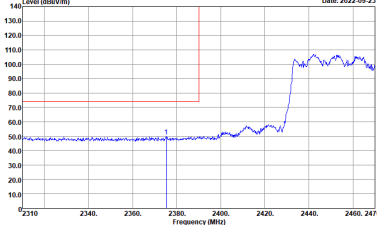
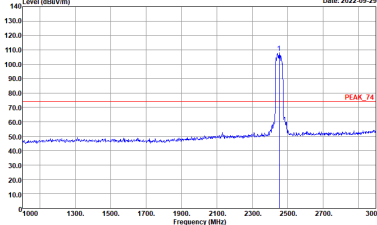
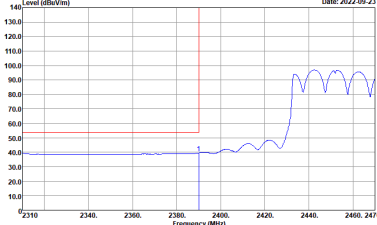
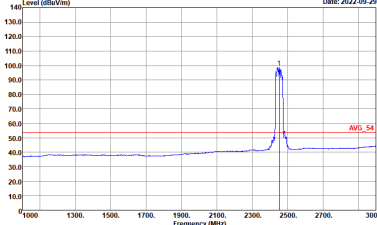
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-09-27	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-09-27	Left blank

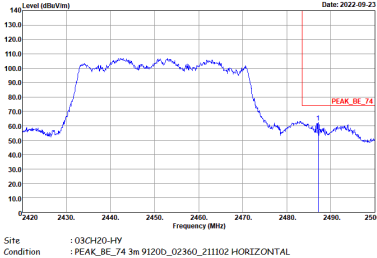
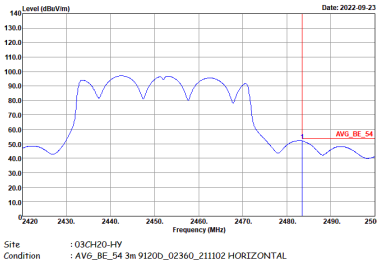


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

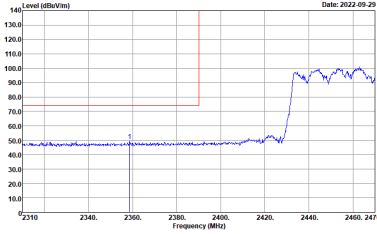
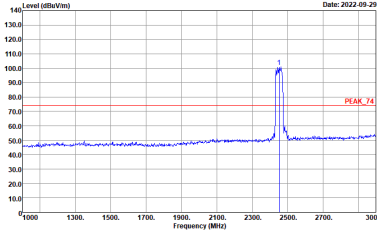
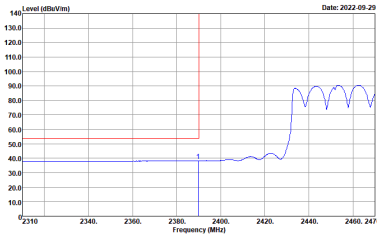
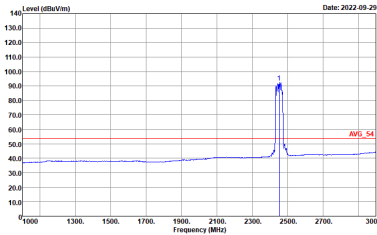


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-09-27	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-09-27	Left blank

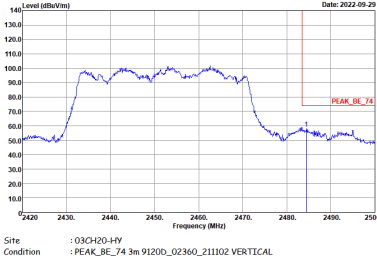
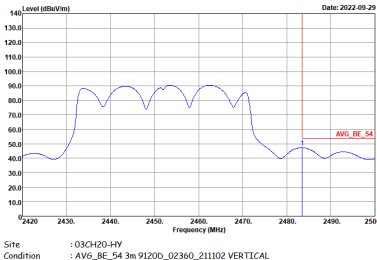
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 HORIZONTAL
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 HORIZONTAL	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 HORIZONTAL	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02360_211102 VERTICAL

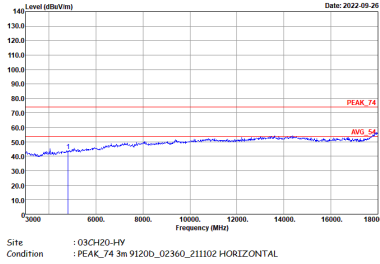
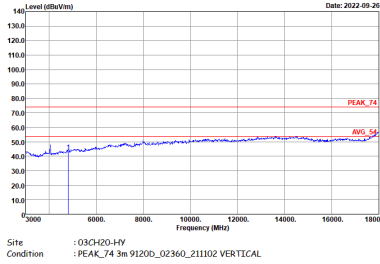


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02360_211102 VERTICAL	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02360_211102 VERTICAL	Left blank

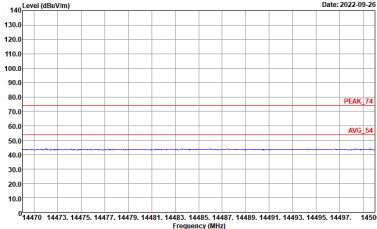
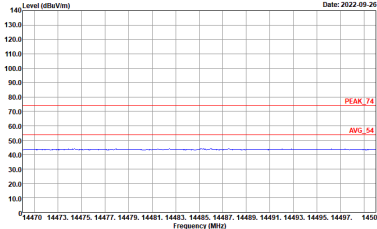
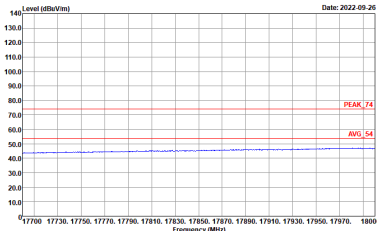
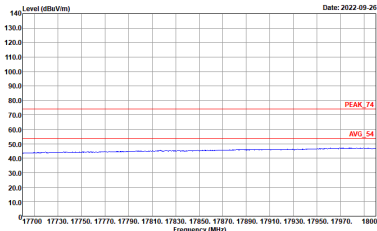


2.4GHz 2400~2483.5MHz

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+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
17.7G ~18G Avg	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-09-23 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 HORIZONTAL	Level (dBuV/m) Date: 2022-09-23 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 VERTICAL

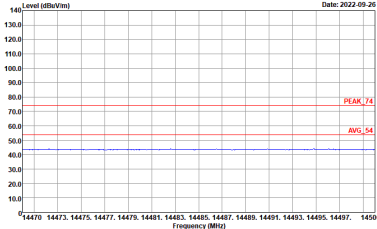
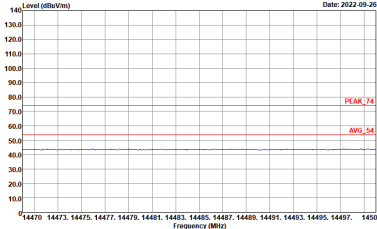
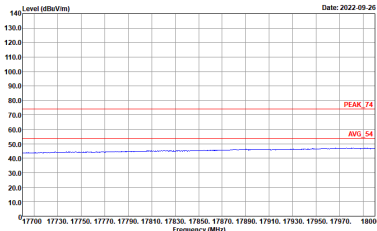
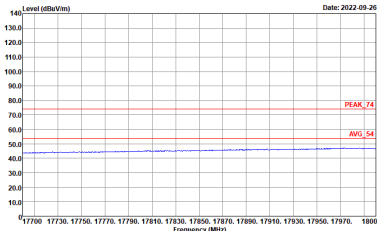


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBu/V/m) Date: 2022-09-26 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 HORIZONTAL	Level (dBu/V/m) Date: 2022-09-26 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 VERTICAL

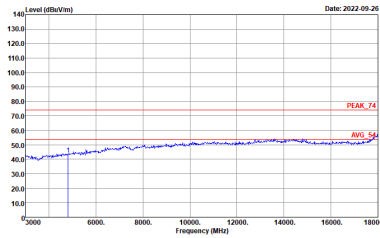
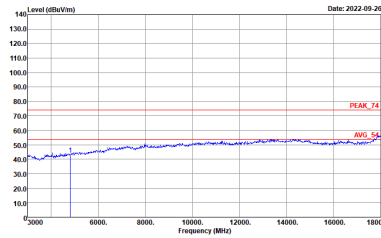


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL

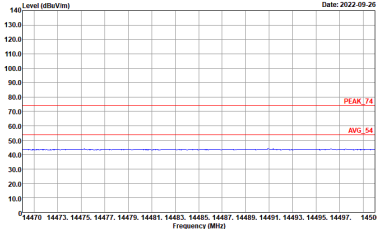
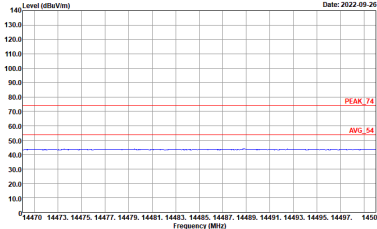
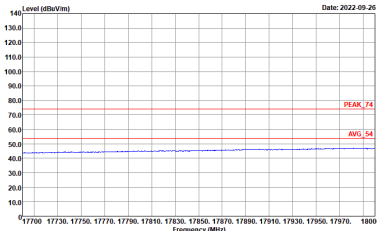
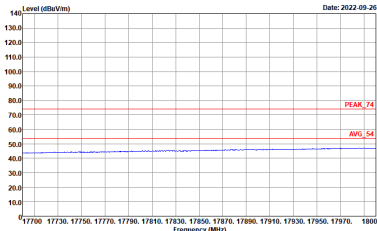


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH01 2412MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	 Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBu/V/m) Date: 2022-09-26 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 HORIZONTAL	Level (dBu/V/m) Date: 2022-09-26 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 VERTICAL

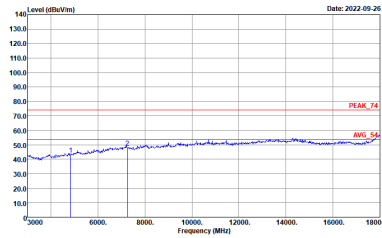
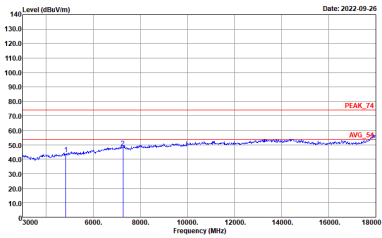


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH11 2462MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 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+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH03 2422MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
17.7G ~18G Avg	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-09-23 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 HORIZONTAL	Level (dBuV/m) Date: 2022-09-23 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
17.7G ~18G Avg	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBu/V/m) Date: 2022-09-29 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 HORIZONTAL	Level (dBu/V/m) Date: 2022-09-29 Site : 03CH20-HY Condition : PEAK_74 3m 9120d_02360_211102 VERTICAL

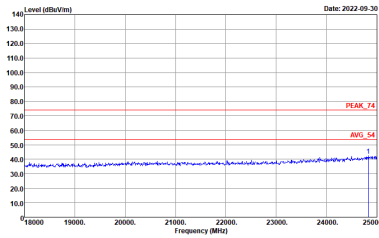
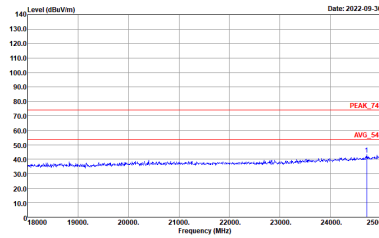


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
1+2	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL
17.7G ~18G Avg	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 HORIZONTAL	Site : 03CH20-HV Condition : PEAK_74 3m 9120D_02360_211102 VERTICAL



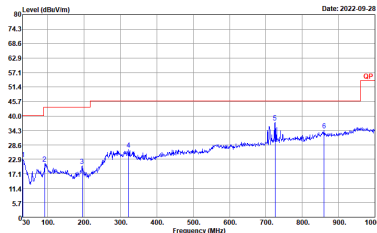
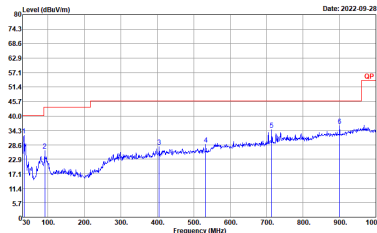
Emission above 18GHz

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

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full SHF	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 1m SHF_00994_211104 HORIZONTAL	 Site : 03CH20-HY Condition : PEAK_74 1m SHF_00994_211104 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+2	Horizontal	Vertical
QP / Peak	 Site : 03CH20-HY Condition : QP 3m LF_55606608_1101017 HORIZONTAL	 Site : 03CH20-HY Condition : QP 3m LF_55606608_1101017 VERTICAL



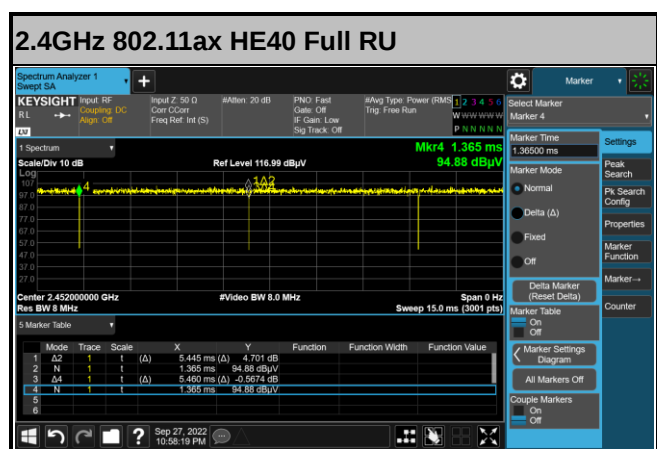
Appendix E. Duty Cycle Plots

<Sample 1>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1+2	2.4GHz 802.11ax HE40 Full RU	99.73	-	-	10Hz

Remark: For Radiated Spurious Emission Test Items, Ant. 1 means Aux. Antenna and Ant. 2 means Main Antenna.

MIMO <Ant. 1+2>



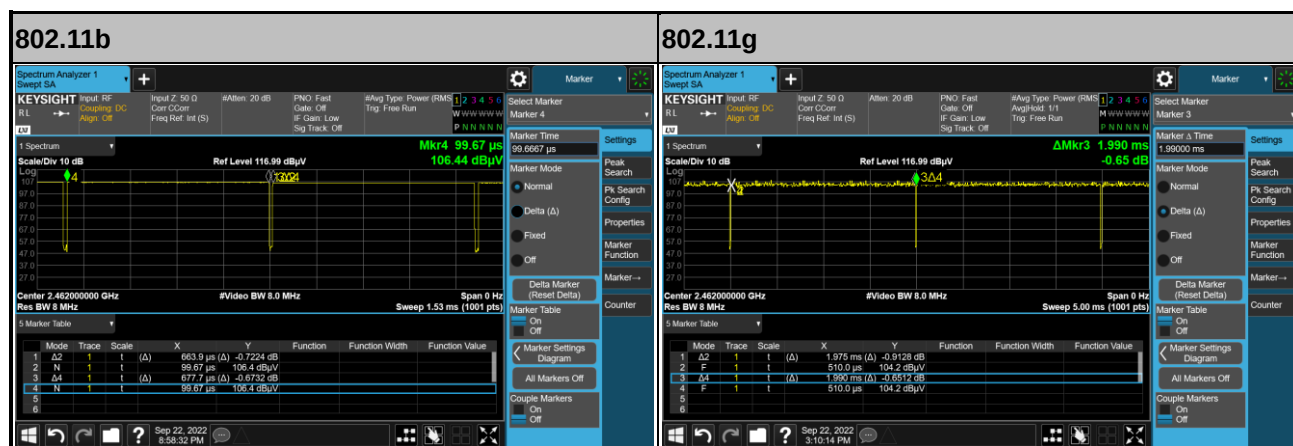


<Sample 2>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	2.4GHz 802.11b	97.96	663.9	1.51	3kHz
1	2.4GHz 802.11g	99.25	-	-	10Hz
1+2	2.4GHz 802.11ax HE20 Full RU	100.00	-	-	10Hz
1+2	2.4GHz 802.11ax HE20 26 RU	99.71	-	-	10Hz
1+2	2.4GHz 802.11ax HE40 Full RU	98.90	-	-	10Hz

Remark: For Radiated Spurious Emission Test Items, Ant. 1 means Aux. Antenna and Ant. 2 means Main Antenna.

<Ant. 1>





MIMO <Ant. 1+2>

