

Appendix A: Test Results of Radiated Emissions & Mains Conducted Emission Test

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

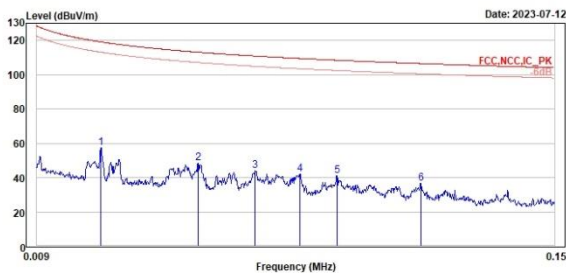
WLAN 2.4GHz + WLAN 5GHz + WLAN 6E

9kHz~150kHz (Open)

150kHz~30MHz (Open)



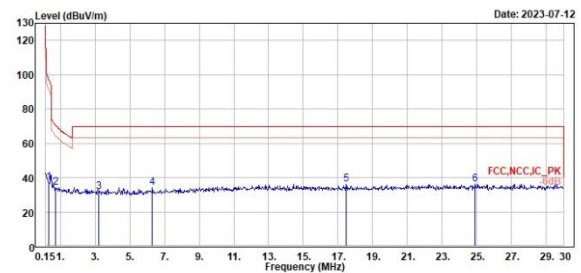
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.03	57.22	38.27	18.95	119.13	-61.91	100	161	Peak	Open	
2	0.05	48.30	29.25	19.05	113.11	-64.81	100	188	Peak	Open	
3	0.07	43.79	25.11	18.68	110.88	-67.09	100	189	Peak	Open	
4	0.08	42.12	23.74	18.38	109.47	-67.35	100	176	Peak	Open	
5	0.09	41.24	23.10	18.14	108.44	-67.20	100	190	Peak	Open	
6	0.11	36.75	18.77	17.98	106.49	-69.74	100	190	Peak	Open	



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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.33	37.29	18.54	18.75	97.26	-59.97	100	238	Peak	Open	
2	0.72	34.11	15.16	18.95	70.49	-36.38	100	164	Peak	Open	
3	3.19	31.42	11.80	19.62	69.50	-38.00	100	34	Peak	Open	
4	6.30	33.89	13.86	20.03	69.50	-35.61	100	174	Peak	Open	
5	17.46	36.17	14.10	22.07	69.50	-33.33	100	148	Peak	Open	
6	24.90	36.16	13.88	22.28	69.50	-33.34	100	73	Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

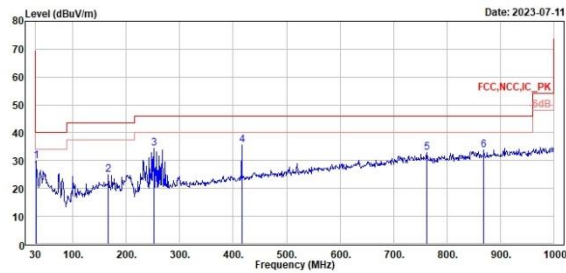
WLAN 2.4GHz + WLAN 5GHz + WLAN 6E

Horizontal

Vertical



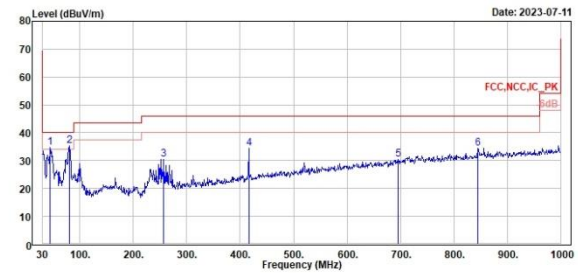
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	30.97	29.89	38.88	-8.99	40.00	-10.11	100		79	Peak	Horizontal	
2	166.77	24.96	31.89	-6.93	43.50	-18.54	100		246	Peak	Horizontal	
3	252.13	34.52	42.49	-7.97	46.00	-11.48	100		114	Peak	Horizontal	
4	416.06	35.61	39.71	-4.10	46.00	-10.39	100		216	Peak	Horizontal	
5	762.35	32.85	30.14	2.71	46.00	-13.15	100		85	Peak	Horizontal	
6	869.05	33.77	29.96	3.81	46.00	-12.23	200		225	Peak	Horizontal	



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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	44.55	34.68	42.05	-7.37	40.00	-5.32	100		209	Peak	Vertical	
2	80.44	35.36	47.59	-12.23	40.00	-4.64	100		323	Peak	Vertical	
3	256.98	30.48	38.35	-7.87	46.00	-15.52	100		115	Peak	Vertical	
4	416.06	34.37	38.47	-4.10	46.00	-11.63	100		137	Peak	Vertical	
5	695.42	30.33	28.86	1.47	46.00	-15.67	200		90	Peak	Vertical	
6	844.80	34.29	30.57	3.72	46.00	-11.71	100		158	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 40GHz

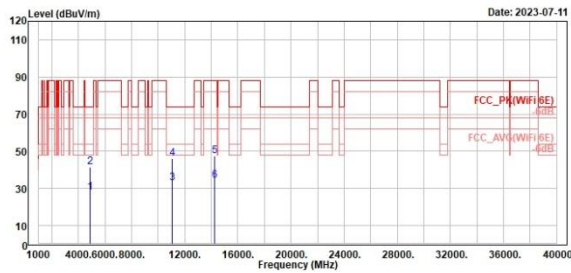
WLAN 2.4GHz + WLAN 5GHz + WLAN 6E

(Horizontal) Peak

(Vertical) Peak



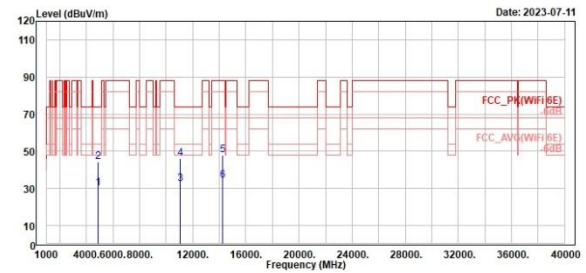
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Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4874.00	27.90	38.23	-10.33	54.00	-26.10	200	231	Average	Horizontal	
2	4874.00	41.37	51.70	-10.33	74.00	-32.63	200	231	Peak	Horizontal	
3	11060.00	32.67	36.00	-3.33	54.00	-21.33	100	193	Average	Horizontal	
4	11060.00	45.95	49.28	-3.33	74.00	-28.05	100	193	Peak	Horizontal	
5	14230.00	47.57	47.06	0.51	88.20	-40.63	200	52	Peak	Horizontal	
6	14230.00	34.31	33.80	0.51	68.20	-33.89	200	52	RMS	Horizontal	



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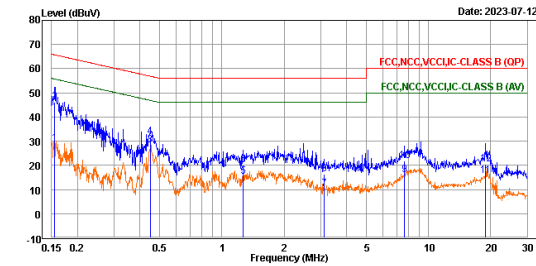
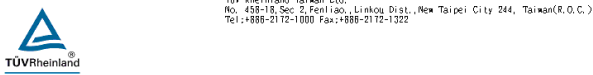
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4874.00	29.96	40.29	-10.33	54.00	-24.04	120	360	Average	Vertical	
2	4874.00	44.20	54.53	-10.33	74.00	-29.80	120	360	Peak	Vertical	
3	11060.00	32.62	35.95	-3.33	54.00	-21.38	337	360	Average	Vertical	
4	11060.00	46.26	49.59	-3.33	74.00	-27.74	337	360	Peak	Vertical	
5	14230.00	48.13	47.62	0.51	88.20	-40.67	200	179	Peak	Vertical	
6	14230.00	34.11	33.60	0.51	68.20	-34.09	200	179	RMS	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

WLAN 2.4GHz + WLAN 5GHz + WLAN 6E

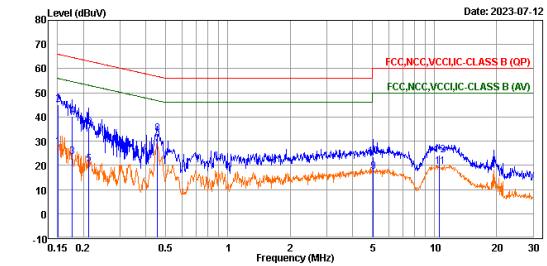
(Line)

(Neutral)



Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase
1	0.16	28.94	19.32	9.62	55.71	-26.77 Average	line1
2	0.16	46.14	36.52	9.62	65.71	-19.57 QP	line1
3	0.45	29.21	18.68	9.63	46.89	-18.58 Average	line1
4	0.45	31.70	22.07	9.63	56.89	-25.19 QP	line1
5	1.27	15.43	5.79	9.64	46.00	-30.57 Average	line1
6	1.27	20.21	10.57	9.64	56.00	-35.79 QP	line1
7	3.12	10.34	0.66	9.68	46.00	-35.66 Average	line1
8	3.12	16.46	6.78	9.68	56.00	-39.54 QP	line1
9	7.66	15.97	6.23	9.74	50.00	-34.03 Average	line1
10	7.66	21.67	11.93	9.74	60.00	-38.33 QP	line1
11	18.78	15.54	5.77	9.77	50.00	-34.46 Average	line1
12	18.78	20.47	10.70	9.77	60.00	-39.53 QP	line1



Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase
1	0.15	27.68	18.06	9.62	55.96	-28.28 Average	neutral
2	0.15	45.21	35.59	9.62	65.96	-20.75 QP	neutral
3	0.18	23.67	14.05	9.62	54.68	-31.01 Average	neutral
4	0.18	40.27	30.65	9.62	64.68	-24.41 QP	neutral
5	0.21	20.46	10.84	9.62	53.14	-32.68 Average	neutral
6	0.21	35.92	26.30	9.62	63.14	-27.22 QP	neutral
7	0.45	28.69	19.06	9.63	46.81	-18.12 Average	neutral
8	0.45	33.22	23.59	9.63	56.81	-23.59 QP	neutral
9	5.06	17.48	7.76	9.72	50.00	-32.52 Average	neutral
10	5.06	23.48	13.76	9.72	60.00	-36.52 QP	neutral
11	10.59	19.43	9.64	9.79	50.00	-30.57 Average	neutral
12	10.59	24.39	14.60	9.79	60.00	-35.61 QP	neutral