

## Appendix A: Test Results of Radiated Emissions

### <Adapter Mode>

### Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

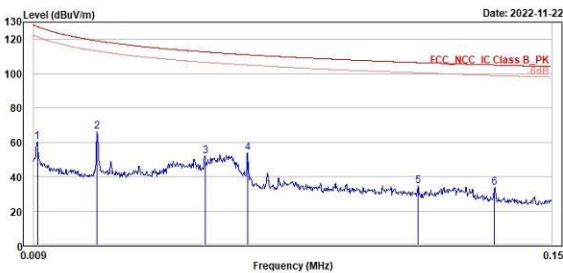
WiFi 5G 802.11ax HE80\_5775MHz + WiFi 2.4G 802.11g\_2462 MHz

9kHz~150kHz (Open)

150kHz~30MHz (Open)



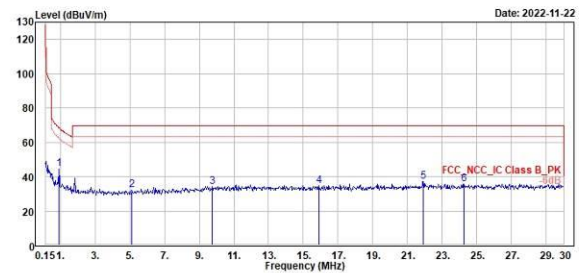
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Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dBuV/m	dB	cm	deg			
60.16	42.45	127.60	-67.44	100	352	QP	Open	
66.19	47.01	119.18	-52.99	100	238	QP	Open	
51.91	32.72	112.68	-60.77	100	241	QP	Open	
53.90	34.97	111.04	-57.14	100	293	QP	Open	
34.57	16.30	106.49	-71.92	100	224	QP	Open	
33.76	15.42	105.02	-71.26	100	271	QP	Open	



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Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
dBuV/m	dBuV	dBuV/m	dB	cm	deg			
44.46	25.25	68.27	-23.81	100	306	QP	Open	
32.22	12.85	69.50	-37.28	100	253	QP	Open	
34.11	12.82	69.50	-35.39	100	191	QP	Open	
34.76	12.97	69.50	-34.74	100	193	QP	Open	
37.22	15.88	69.50	-32.28	100	112	QP	Open	
35.81	13.59	69.50	-33.69	100	192	QP	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

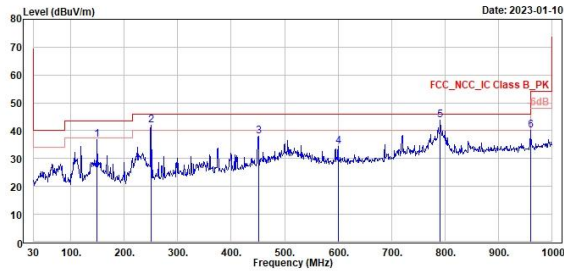
WiFi 5G 802.11ax HE80\_5775MHz + WiFi 2.4G 802.11g\_2462 MHz

Horizontal

Vertical



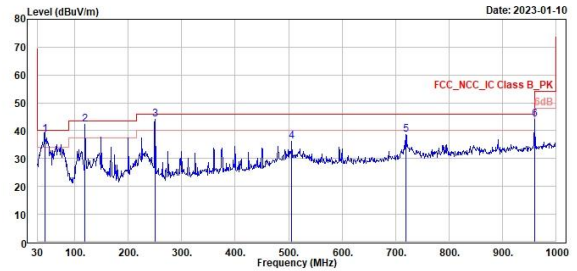
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	149.31	36.72	42.66	-5.94	43.50	-6.78	200	95 QP	Horizontal
2	250.19	42.13	46.60	-6.47	46.00	-3.87	200	136 QP	Horizontal
3	450.98	37.90	39.90	-2.00	46.00	-8.10	200	243 QP	Horizontal
4	600.36	34.26	33.95	0.31	46.00	-11.74	100	186 QP	Horizontal
5	791.45	43.69	40.59	3.10	46.00	-2.31	100	18 QP	Horizontal
6	900.23	40.03	34.41	5.62	54.00	-13.97	200	84 QP	Horizontal



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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	43.58	38.55	44.53	-5.98	40.00	-1.45	100	12 QP	Vertical
2	119.24	42.20	50.67	-8.47	43.50	-1.30	100	205 QP	Vertical
3	250.19	44.20	50.67	-6.47	46.00	-1.80	100	256 QP	Vertical
4	506.27	36.12	37.55	-1.43	46.00	-9.88	200	360 QP	Vertical
5	719.67	38.54	36.59	1.95	46.00	-7.46	100	222 QP	Vertical
6	900.23	43.99	38.37	5.62	54.00	-10.01	100	247 QP	Vertical

Spurious Emissions, Tx Mode, 1GHz ~ 40GHz

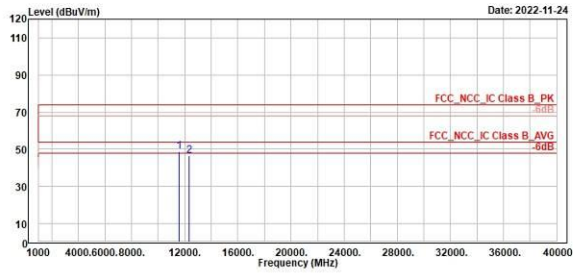
WiFi 5G 802.11ax HE80\_5775MHz + WiFi 2.4G 802.11g\_2462 MHz

(Horizontal) Peak

(Vertical) Peak



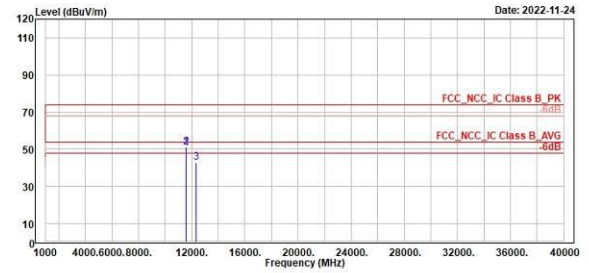
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1	2
11550.00	12310.00
48.76	46.76
49.10	45.77
-0.34	0.99
74.00	74.00
-25.24	-27.24
200	300
336	204
Peak	Peak
Horizontal	Horizontal

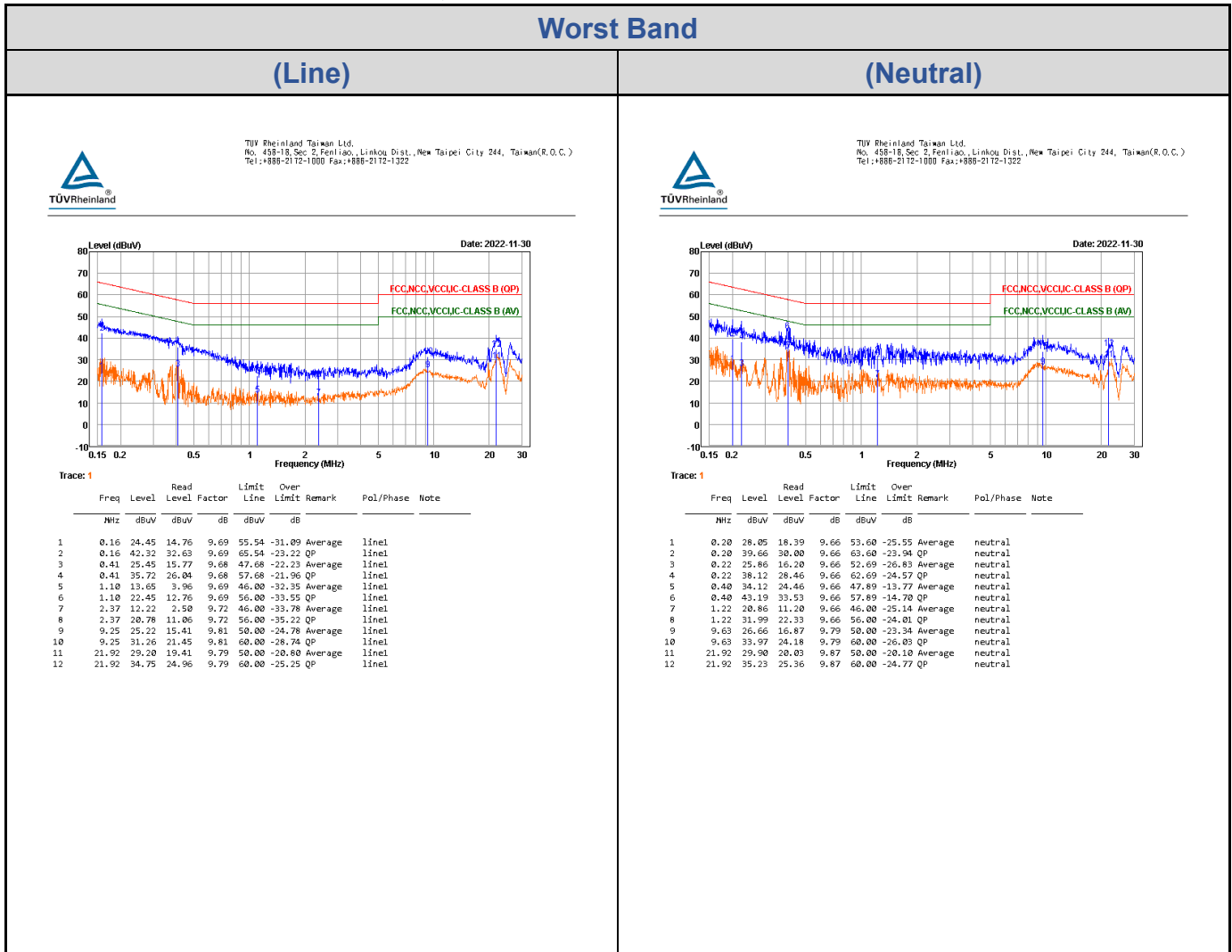


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1	2	3
11550.00	11550.00	12310.00
50.85	50.94	42.81
51.34	51.43	41.91
-0.49	-0.49	0.90
54.00	74.00	74.00
-3.15	-23.06	-31.19
255	255	400
0 Average	0 Peak	117 Peak
Vertical	Vertical	Vertical

Mains Conducted Emission, 150kHz ~ 30MHz



<POE Mode>

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

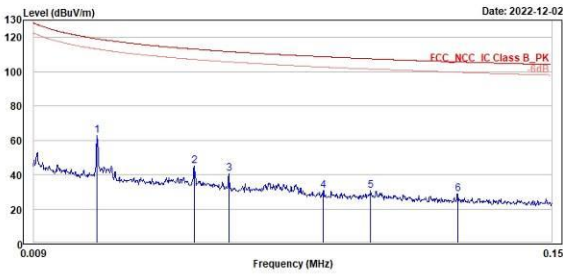
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9kHz~150kHz (Open)

150kHz~30MHz (Open)



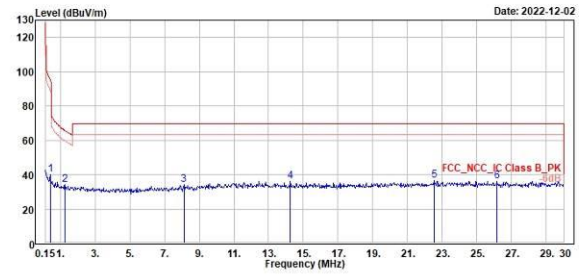
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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.03	62.64	43.46	19.18	119.18	-56.54	100	200	QP	Open	
2	0.05	45.02	25.77	19.25	113.16	-68.14	100	196	QP	Open	
3	0.06	40.74	21.70	19.04	111.72	-70.98	100	303	QP	Open	
4	0.09	30.84	12.36	18.48	108.72	-77.88	100	323	QP	Open	
5	0.10	30.62	12.40	18.22	107.53	-76.91	100	279	QP	Open	
6	0.12	28.80	10.49	18.31	105.70	-76.90	100	142	QP	Open	



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Peak	Freq (MHz)	Level (dBuV/m)	Read Level (dBuV)	Factor (dB/m)	Limit Line (dBuV/m)	Over Limit (dB)	APos (cm)	TPos (deg)	Remark	Pol/Phase	Note
1	0.42	40.23	21.30	18.93	95.17	-54.94	100	322	QP	Open	
2	1.25	34.33	15.04	19.29	65.64	-31.31	100	142	QP	Open	
3	8.12	34.35	13.75	20.60	69.50	-35.15	100	13	QP	Open	
4	14.27	36.16	14.47	21.69	69.50	-33.34	100	132	QP	Open	
5	22.54	36.55	14.39	22.16	69.50	-32.95	100	183	QP	Open	
6	26.18	36.14	13.84	22.30	69.50	-33.36	100	300	QP	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

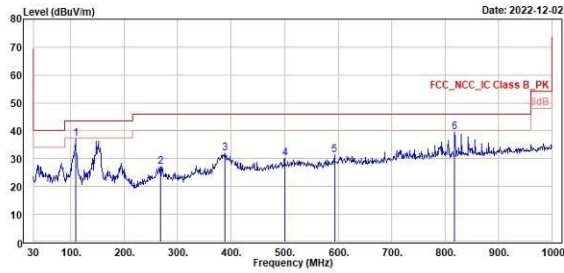
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Horizontal

Vertical



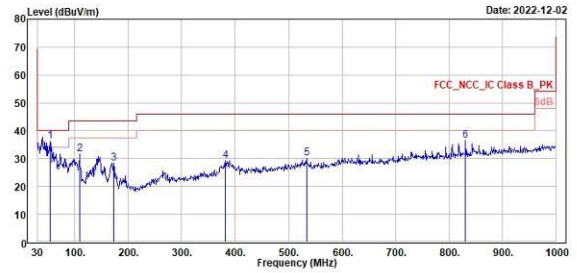
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Line	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	188.57	36.96	46.63	-9.67	43.50	-6.54	300	183 QP	Horizontal	
2	267.65	27.14	33.02	-5.88	46.00	-18.86	100	132 QP	Horizontal	
3	387.93	32.06	35.09	-3.03	46.00	-13.94	100	232 QP	Horizontal	
4	500.45	30.18	31.91	-1.73	46.00	-15.82	100	347 QP	Horizontal	
5	593.57	31.34	31.17	0.17	46.00	-14.66	300	295 QP	Horizontal	
6	818.61	39.49	35.97	3.52	46.00	-6.51	100	261 QP	Horizontal	



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Line	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	53.28	36.23	42.39	-6.16	40.00	-3.77	100	228 QP	Vertical	
2	108.57	31.70	41.37	-9.67	43.50	-11.80	100	354 QP	Vertical	
3	172.59	28.42	34.68	-6.26	43.50	-15.08	100	152 QP	Vertical	
4	381.14	29.19	32.33	-3.14	46.00	-16.81	200	184 QP	Vertical	
5	533.43	30.03	31.00	-0.97	46.00	-15.97	100	182 QP	Vertical	
6	831.22	36.40	32.61	3.79	46.00	-9.60	200	190 QP	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 40GHz

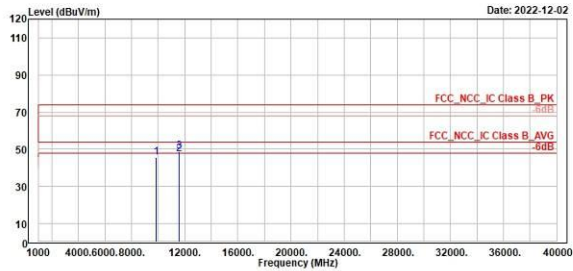
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(Horizontal) Peak

(Vertical) Peak



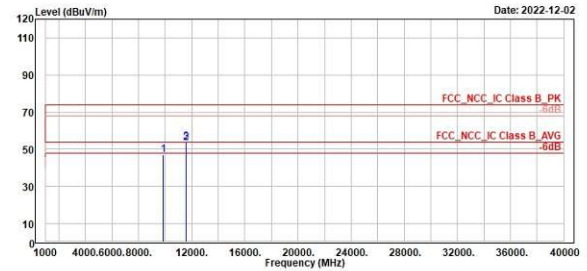
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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	9840.00	45.42	48.81	-3.39	74.00	-28.58	100		11 Peak	Horizontal	
2	11550.00	47.23	47.57	-0.34	54.00	-6.77	300		30 Average	Horizontal	
3	11550.00	48.98	49.32	-0.34	74.00	-25.02	300		30 Peak	Horizontal	



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Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	9840.00	46.88	50.37	-3.49	74.00	-27.12	312		360 Peak	Vertical	
2	11550.00	53.28	53.77	-0.49	54.00	-0.72	149		360 Average	Vertical	
3	11550.00	53.67	54.16	-0.49	74.00	-20.33	149		360 Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

