

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

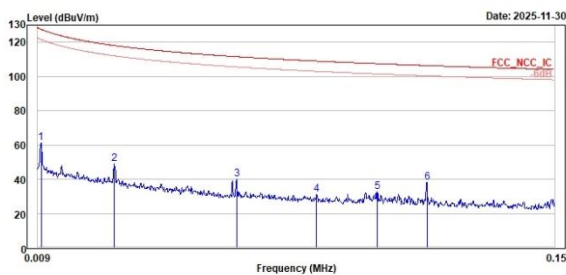
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

Co-location

(Open) 9kHz~150kHz



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Tel: +886-2172-1000 Fax: +886-2172-1322

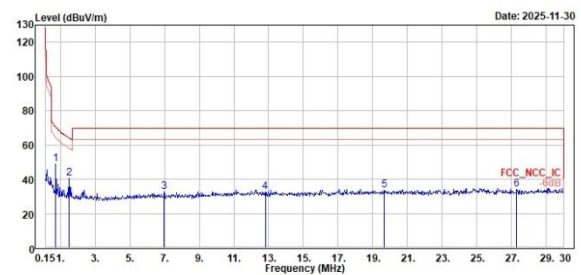


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.010	61.07	42.96	18.11	127.60	-66.53	100	229	Peak	Open	
2	0.030	48.71	28.70	20.01	118.05	-69.34	100	229	Peak	Open	
3	0.063	39.93	21.81	18.12	111.57	-71.64	100	134	Peak	Open	
4	0.085	31.10	12.98	18.12	108.99	-77.89	100	318	Peak	Open	
5	0.102	32.55	14.51	18.04	107.46	-74.91	100	174	Peak	Open	
6	0.115	37.88	19.76	18.12	106.37	-68.49	100	155	Peak	Open	

(Open) 150kHz~30MHz



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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	0.747	49.05	30.21	18.84	70.14	-21.09	100	178	Peak	Open	
2	1.523	40.64	21.87	18.77	63.95	-23.31	100	178	Peak	Open	
3	6.986	32.83	12.14	20.69	69.50	-36.67	100	213	Peak	Open	
4	12.806	32.52	11.06	21.46	69.50	-36.98	100	77	Peak	Open	
5	19.672	33.61	10.96	22.65	69.50	-35.89	100	253	Peak	Open	
6	27.284	34.25	11.42	22.83	69.50	-35.25	100	327	Peak	Open	

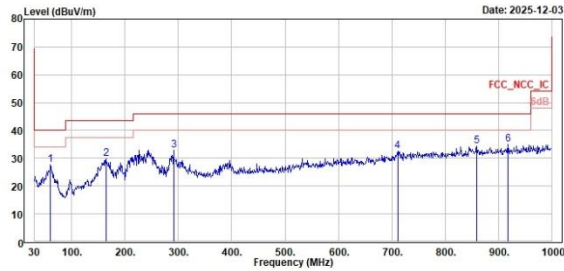
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

Co-location

(Horizontal)



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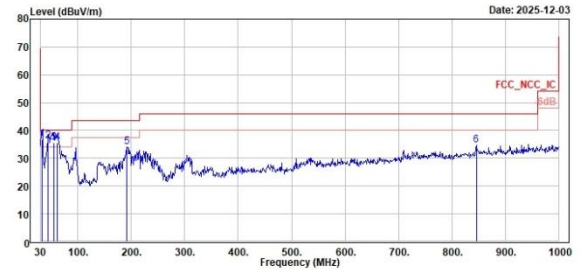


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	60.070	27.56	34.12	-6.56	40.00	-12.44	100		55	Peak	Horizontal	
2	163.860	29.86	35.98	-6.12	43.50	-13.64	100		237	Peak	Horizontal	
3	290.930	32.84	38.53	-5.69	46.00	-13.16	100		248	Peak	Horizontal	
4	710.940	32.60	38.50	-2.10	46.00	-13.40	100		178	Peak	Horizontal	
5	859.350	34.48	38.26	4.22	46.00	-11.52	100		201	Peak	Horizontal	
6	918.520	34.98	38.05	4.93	46.00	-11.02	100		147	Peak	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	32.910	36.68	44.52	-7.84	40.00	-3.32	100		0	QP	Vertical	
2	44.550	36.13	42.58	-6.45	40.00	-3.87	100		190	QP	Vertical	
3	55.220	35.65	41.81	-6.16	40.00	-4.35	100		18	QP	Vertical	
4	62.010	35.60	42.52	-6.92	40.00	-4.40	100		191	QP	Vertical	
5	191.990	33.99	42.47	-8.48	43.50	-9.51	100		144	Peak	Vertical	
6	845.770	34.68	38.84	3.84	46.00	-11.32	100		22	Peak	Vertical	

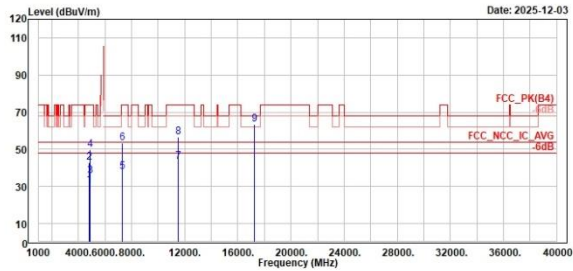
Spurious Emissions, Tx Mode, 1GHz ~ 40GHz

Co-location

(Horizontal)



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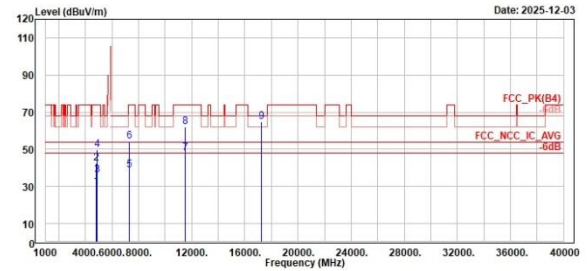


Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.000	30.47	40.90	-10.43	54.00	-23.53	100	44	Average	Horizontal	
2	4804.000	43.02	53.45	-10.43	74.00	-30.98	100	44	Peak	Horizontal	
3	4874.000	35.69	46.34	-10.65	54.00	-18.31	300	233	Average	Horizontal	
4	4874.000	49.74	60.39	-10.65	74.00	-24.26	300	233	Peak	Horizontal	
5	7311.000	37.76	46.64	-8.88	54.00	-16.24	200	71	Average	Horizontal	
6	7311.000	53.19	62.07	-8.88	74.00	-20.81	200	71	Peak	Horizontal	
7	11490.000	43.12	46.83	-3.71	54.00	-10.88	100	271	Average	Horizontal	
8	11490.000	56.65	60.36	-3.71	74.00	-17.35	100	271	Peak	Horizontal	
9	117235.000	63.39	59.58	3.81	68.20	-4.81	200	2	Peak	Horizontal	

(Vertical)



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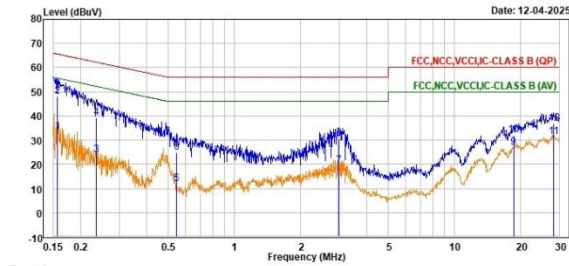
Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4804.000	29.77	40.20	-10.43	54.00	-24.23	236	0	Average	Vertical	
2	4804.000	42.48	52.91	-10.43	74.00	-31.52	236	0	Peak	Vertical	
3	4874.000	35.82	46.47	-10.65	54.00	-18.18	254	354	Average	Vertical	
4	4874.000	49.57	60.22	-10.65	74.00	-24.43	254	354	Peak	Vertical	
5	7311.000	38.97	47.85	-8.88	54.00	-15.03	300	30	Average	Vertical	
6	7311.000	54.41	63.29	-8.88	74.00	-19.59	300	30	Peak	Vertical	
7	11490.000	48.07	51.78	-3.71	54.00	-5.93	100	265	Average	Vertical	
8	11490.000	62.22	65.93	-3.71	74.00	-11.78	100	265	Peak	Vertical	
9	117235.000	64.99	61.18	3.81	68.20	-3.21	100	283	Peak	Vertical	

Mains Conducted Emission, 150kHz ~ 30MHz

Worst Band

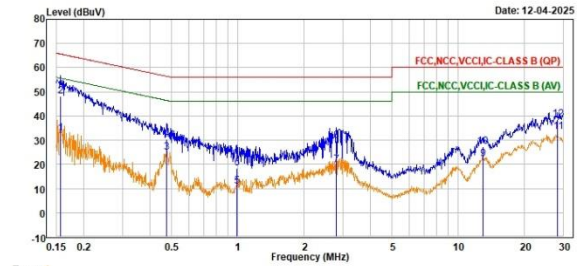
(Line)

(Neutral)



Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase
			Factor	dB	dB		
1	0.156	33.35	23.70	9.65	55.67	-22.32 Average	line1
2	0.156	48.25	38.08	9.65	65.07	-17.42 QP	line1
3	0.235	23.94	14.30	9.64	52.27	-28.33 Average	line1
4	0.235	39.29	29.65	9.64	62.27	-22.98 QP	line1
5	0.545	11.93	2.29	9.64	46.00	-34.07 Average	line1
6	0.545	24.79	15.15	9.64	56.00	-31.21 QP	line1
7	2.985	19.56	9.86	9.70	46.00	-26.44 Average	line1
8	2.985	30.85	21.15	9.70	56.00	-25.15 QP	line1
9	18.591	27.08	17.27	9.81	50.00	-22.92 Average	line1
10	18.591	32.22	22.41	9.81	60.00	-27.78 QP	line1
11	28.258	31.54	21.79	9.75	50.00	-18.46 Average	line1
12	28.258	36.94	27.19	9.75	60.00	-23.06 QP	line1



Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Remark	Pol/Phase
			Factor	dB	dB		
1	0.157	32.77	23.13	9.64	55.63	-22.86 Average	neutral
2	0.157	48.02	38.38	9.64	65.63	-17.61 QP	neutral
3	0.472	24.79	15.15	9.64	46.48	-21.69 Average	neutral
4	0.472	30.39	20.75	9.64	56.48	-26.09 QP	neutral
5	0.987	10.74	1.08	9.66	46.00	-35.26 Average	neutral
6	0.987	18.53	8.87	9.66	56.00	-37.47 QP	neutral
7	2.797	19.77	10.08	9.69	46.00	-26.23 Average	neutral
8	2.797	29.67	19.98	9.69	56.00	-26.33 QP	neutral
9	12.921	22.28	12.45	9.83	50.00	-27.72 Average	neutral
10	12.921	27.45	17.62	9.83	60.00	-32.55 QP	neutral
11	28.399	33.33	23.45	9.88	50.00	-16.67 Average	neutral
12	28.399	38.63	28.75	9.88	60.00	-21.37 QP	neutral