

Appendix C: Test Results of Radiated Spurious Emissions and Mains Conducted Emission for PCB Antenna_ASK

Main Source, ANT 5 (-1.8 dBi)
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

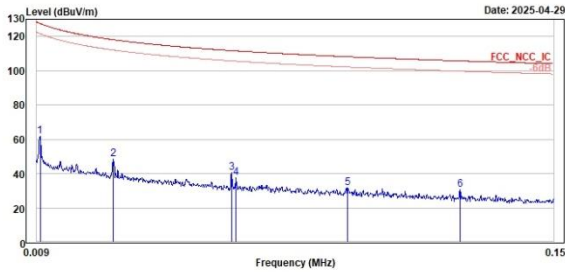
433.92 MHz

9kHz~150kHz(Open)

150kHz~30MHz(Open)



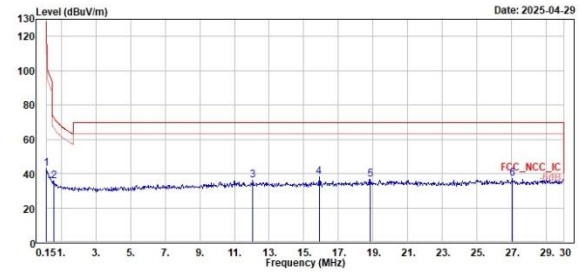
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	61.65	43.54	18.11	127.68	-65.95	100	294 Peak	Open	
2	0.03	48.36	28.35	20.01	118.05	-69.69	100	103 Peak	Open	
3	0.06	40.76	22.71	18.05	111.72	-70.96	100	10 Peak	Open	
4	0.06	37.68	19.55	18.13	111.55	-73.87	100	3 Peak	Open	
5	0.09	31.71	13.69	18.02	108.14	-76.43	100	167 Peak	Open	
6	0.12	30.66	12.49	18.17	105.70	-75.04	100	84 Peak	Open	



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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	0.15	42.92	24.59	18.33	104.88	-61.16	100	77 Peak	Open	
2	0.60	35.45	16.69	18.76	72.07	-36.62	100	183 Peak	Open	
3	12.06	35.98	14.26	21.72	69.50	-33.52	100	238 Peak	Open	
4	15.88	38.07	16.23	21.84	69.50	-31.43	100	222 Peak	Open	
5	18.84	36.69	14.00	22.69	69.50	-32.81	100	285 Peak	Open	
6	27.04	37.03	14.03	23.00	69.50	-32.47	100	116 Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

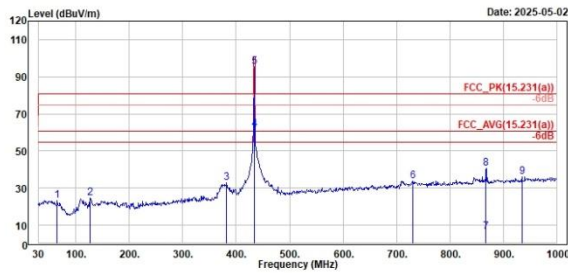
433.92 MHz

Horizontal

Vertical



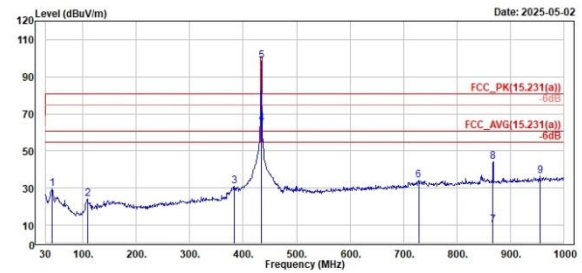
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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	64.92	23.40	30.66	-7.26	80.83	-57.43	300	278	Peak	Horizontal	
2	127.00	24.43	32.69	-8.26	80.83	-56.40	200	59	Peak	Horizontal	
3	382.11	32.81	36.21	-3.40	80.83	-48.02	200	109	Peak	Horizontal	
4	433.92	61.49	63.88	-2.39	80.83	-19.34	200	130	Average	Horizontal	CF
5	433.92	95.47	97.86	-2.39	100.83	-5.36	200	130	Peak	Horizontal	
6	730.34	33.72	30.76	2.96	80.83	-47.11	400	276	Peak	Horizontal	CF
7	867.84	5.46	1.71	4.75	60.83	-54.37	200	124	Average	Horizontal	
8	867.84	40.44	35.69	4.75	80.83	-40.39	200	124	Peak	Horizontal	
9	935.01	35.94	30.28	5.66	80.83	-44.89	400	147	Peak	Horizontal	



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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	42.61	29.70	36.06	-6.36	80.83	-51.13	145	360	Peak	Vertical	
2	100.57	23.96	33.90	-10.02	80.83	-56.87	100	89	Peak	Vertical	
3	383.08	31.24	34.65	-3.41	80.83	-49.59	200	61	Peak	Vertical	
4	433.92	64.79	67.18	-2.39	80.83	-16.04	100	166	Average	Vertical	CF
5	433.92	98.77	101.15	-2.38	100.83	-2.06	100	166	Peak	Vertical	
6	728.40	34.06	31.11	2.95	80.83	-46.77	400	293	Peak	Vertical	
7	867.84	10.17	5.42	4.75	60.83	-50.66	100	180	Average	Vertical	CF
8	867.84	44.15	39.40	4.75	80.83	-36.68	100	180	Peak	Vertical	
9	955.38	36.56	30.74	5.82	80.83	-44.27	300	280	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 5GHz

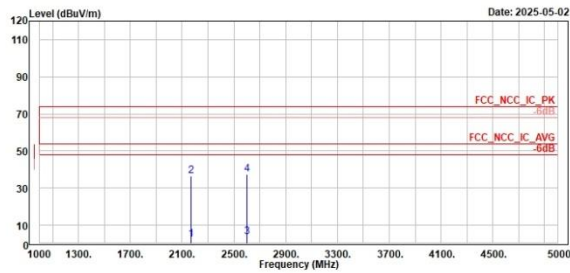
433.92 MHz

Horizontal

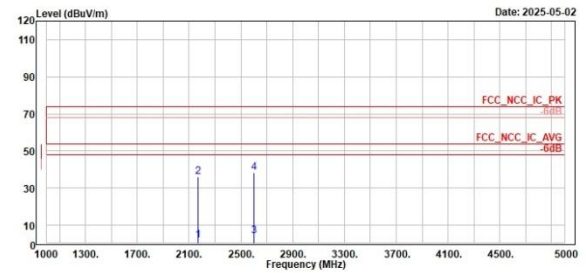
Vertical



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Mains Conducted Emission, Tx Mode 150kHz ~ 30MHz

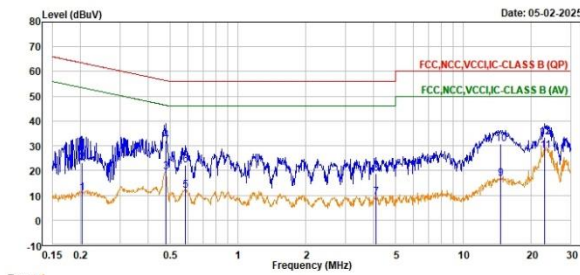
Worst Band

(Line)

(Neutral)



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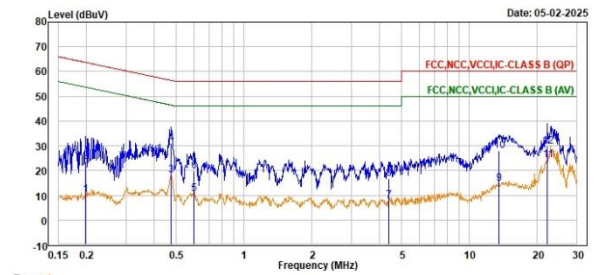


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dBuV	dB		
1	0.20	11.03	1.40	9.63	53.52	-42.49 Average	line1
2	0.20	23.35	13.72	9.63	63.52	-40.17 QP	line1
3	0.48	19.39	9.76	9.63	46.40	-27.01 Average	line1
4	0.48	32.14	22.51	9.63	56.40	-24.26 QP	line1
5	0.58	12.03	2.40	9.63	46.00	-33.97 Average	line1
6	0.58	22.33	12.70	9.63	56.00	-33.67 QP	line1
7	4.11	9.31	-0.37	9.68	46.00	-36.69 Average	line1
8	4.11	18.88	9.20	9.68	56.00	-37.12 QP	line1
9	14.64	16.82	7.07	9.75	50.00	-33.18 Average	line1
10	14.64	30.68	20.93	9.75	60.00	-29.32 QP	line1
11	23.04	28.03	18.31	9.72	50.00	-21.97 Average	line1
12	23.04	33.48	23.76	9.72	60.00	-26.52 QP	line1



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Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dBuV	dB		
1	0.20	10.22	0.59	9.63	53.72	-43.50 Average	neutral
2	0.20	23.39	13.76	9.63	63.72	-40.33 QP	neutral
3	0.47	18.18	8.55	9.63	46.44	-28.26 Average	neutral
4	0.47	31.07	21.44	9.63	56.44	-25.37 QP	neutral
5	0.60	10.46	0.83	9.63	46.00	-35.54 Average	neutral
6	0.60	19.90	10.27	9.63	56.00	-36.10 QP	neutral
7	4.38	7.90	-1.80	9.70	46.00	-38.10 Average	neutral
8	4.38	16.82	7.12	9.70	56.00	-39.18 QP	neutral
9	13.51	14.59	4.78	9.81	50.00	-35.41 Average	neutral
10	13.51	28.09	18.28	9.81	60.00	-31.91 QP	neutral
11	22.25	24.34	14.49	9.85	50.00	-25.66 Average	neutral
12	22.25	29.81	19.96	9.85	60.00	-30.19 QP	neutral

2nd Source, ANT 5 (-1.8 dBi)
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

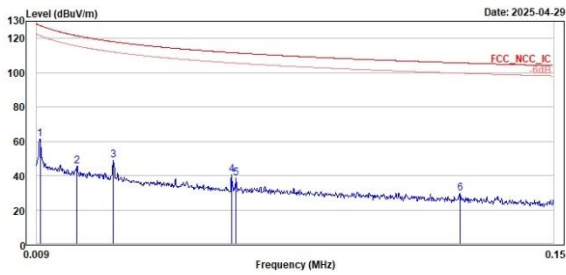
433.92 MHz

9kHz~150kHz(Open)

150kHz~30MHz(Open)



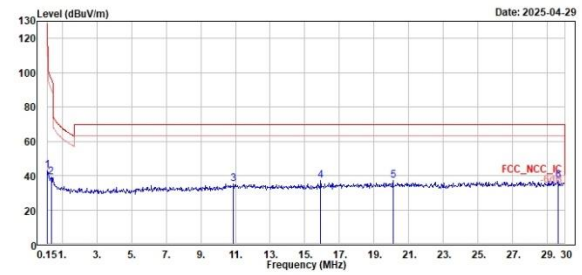
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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.01	61.38	43.27	18.11	127.68	-66.22	100	151	Peak	Open	
2	0.02	45.55	26.04	19.51	121.57	-76.02	100	94	Peak	Open	
3	0.03	49.16	29.15	20.01	118.05	-68.89	100	253	Peak	Open	
4	0.06	40.62	22.57	18.05	111.72	-71.10	100	0	Peak	Open	
5	0.06	38.56	20.43	18.13	111.55	-72.99	100	176	Peak	Open	
6	0.12	29.74	11.57	18.17	105.70	-75.96	100	145	Peak	Open	



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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.15	42.85	24.52	18.33	104.08	-61.23	100	184	Peak	Open	
2	0.36	39.24	20.63	18.61	96.50	-57.26	100	184	Peak	Open	
3	10.90	35.20	13.71	21.49	69.50	-34.30	100	48	Peak	Open	
4	15.91	36.97	15.12	21.85	69.50	-32.53	100	136	Peak	Open	
5	20.09	36.85	14.04	22.81	69.50	-32.65	100	333	Peak	Open	
6	29.61	37.06	13.83	23.23	69.50	-32.44	100	317	Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

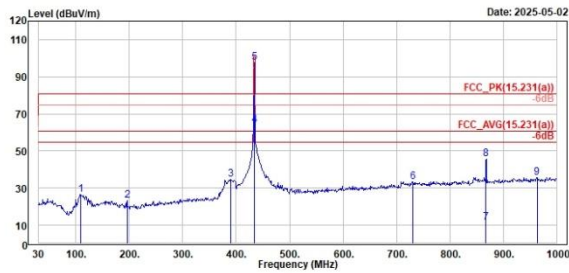
433.92 MHz

Horizontal

Vertical



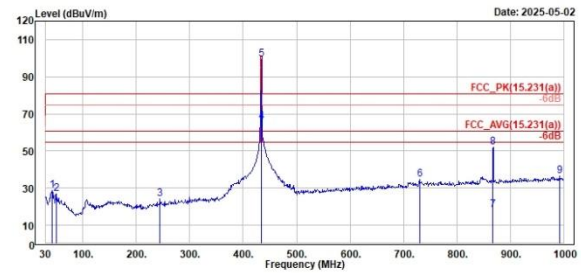
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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	108.57	26.66	36.68	-10.02	80.83	-54.17	300	63	Peak	Horizontal	
2	195.87	23.50	31.82	-8.32	80.83	-57.33	105	360	Peak	Horizontal	
3	389.87	34.83	38.14	-3.31	80.83	-46.00	100	227	Peak	Horizontal	
4	433.92	63.70	66.09	-2.39	80.83	-17.13	200	287	Average	Horizontal	CF
5	433.92	97.68	100.06	-2.38	100.83	-3.15	200	287	Peak	Horizontal	
6	731.31	33.51	38.55	-2.96	80.83	-47.32	300	344	Peak	Horizontal	CF
7	867.84	11.48	6.73	4.75	60.83	-49.35	200	282	Average	Horizontal	
8	867.84	45.46	48.71	4.75	80.83	-35.37	200	282	Peak	Horizontal	
9	963.14	35.78	29.85	5.93	80.83	-45.05	173	360	Peak	Horizontal	



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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	42.61	28.87	35.23	-6.36	80.83	-51.96	100	104	Peak	Vertical	
2	58.37	27.09	32.85	-5.76	80.83	-53.74	200	285	Peak	Vertical	
3	244.37	24.12	30.86	-6.74	80.83	-56.71	400	165	Peak	Vertical	
4	433.92	65.49	67.88	-2.39	80.83	-15.34	100	262	Average	Vertical	CF
5	433.92	99.47	101.85	-2.38	100.83	-1.36	100	262	Peak	Vertical	
6	730.34	34.63	31.67	2.96	80.83	-46.20	300	324	Peak	Vertical	
7	867.84	10.25	13.50	4.75	60.83	-42.58	100	252	Average	Vertical	CF
8	867.84	52.23	47.48	4.75	80.83	-28.60	100	252	Peak	Vertical	
9	992.24	36.58	30.07	6.51	80.83	-44.25	200	139	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 5GHz

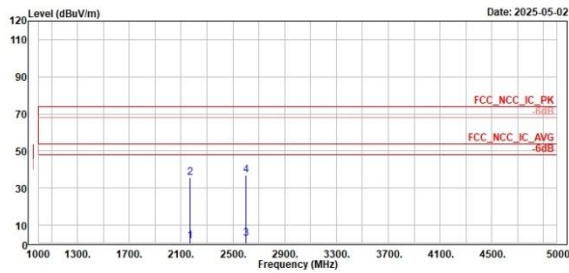
433.92 MHz

Horizontal

Vertical



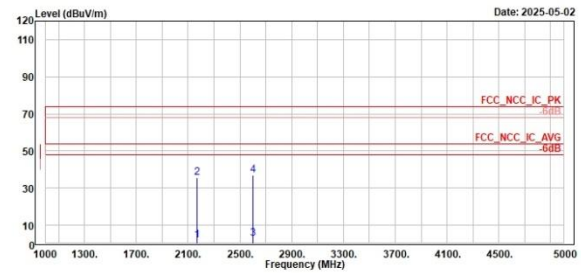
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2169.60	1.53	16.11	-14.58	54.00	-52.47	164	360	Average	Horizontal	CF	
2	2169.60	35.51	50.00	-14.58	74.00	-38.49	164	360	Peak	Horizontal	CF	
3	2603.52	2.80	16.10	-13.30	54.00	-51.20	200	101	Average	Horizontal	CF	
4	2603.52	36.78	50.00	-13.30	74.00	-37.22	200	101	Peak	Horizontal	CF	



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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	dB	cm	deg			
1	2169.60	1.66	16.24	-14.58	54.00	-52.34	400	343	Average	Vertical	CF	
2	2169.60	35.64	50.22	-14.58	74.00	-38.36	400	343	Peak	Vertical	CF	
3	2603.52	2.89	16.19	-13.30	54.00	-51.11	200	293	Average	Vertical	CF	
4	2603.52	36.87	50.17	-13.30	74.00	-37.13	200	293	Peak	Vertical	CF	

Mains Conducted Emission, Tx Mode 150kHz ~ 30MHz

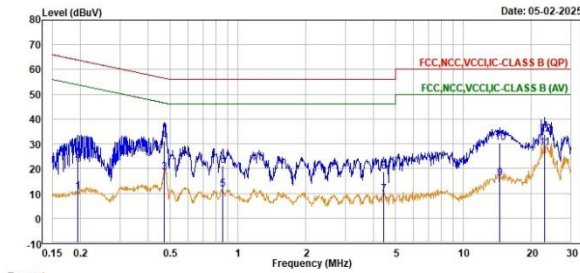
Worst Band

(Line)

(Neutral)



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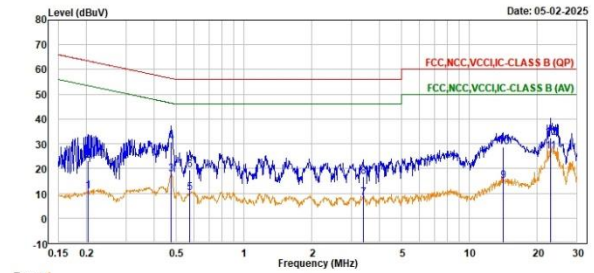


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.19	10.46	0.83	9.63	53.89	-43.43 Average	line1
2	0.19	23.33	13.70	9.63	63.89	-40.56 QP	line1
3	0.47	18.32	8.69	9.63	46.52	-28.20 Average	line1
4	0.47	31.12	21.49	9.63	56.52	-25.40 QP	line1
5	0.85	11.47	1.83	9.64	46.00	-34.53 Average	line1
6	0.85	21.25	11.61	9.64	56.00	-34.75 QP	line1
7	4.42	9.49	-0.20	9.69	46.00	-36.51 Average	line1
8	4.42	18.90	9.21	9.69	56.00	-37.10 QP	line1
9	14.49	16.18	6.43	9.75	50.00	-33.82 Average	line1
10	14.49	30.23	20.48	9.75	60.00	-29.77 QP	line1
11	22.92	28.35	18.63	9.72	50.00	-21.65 Average	line1
12	22.92	33.76	24.04	9.72	60.00	-26.24 QP	line1



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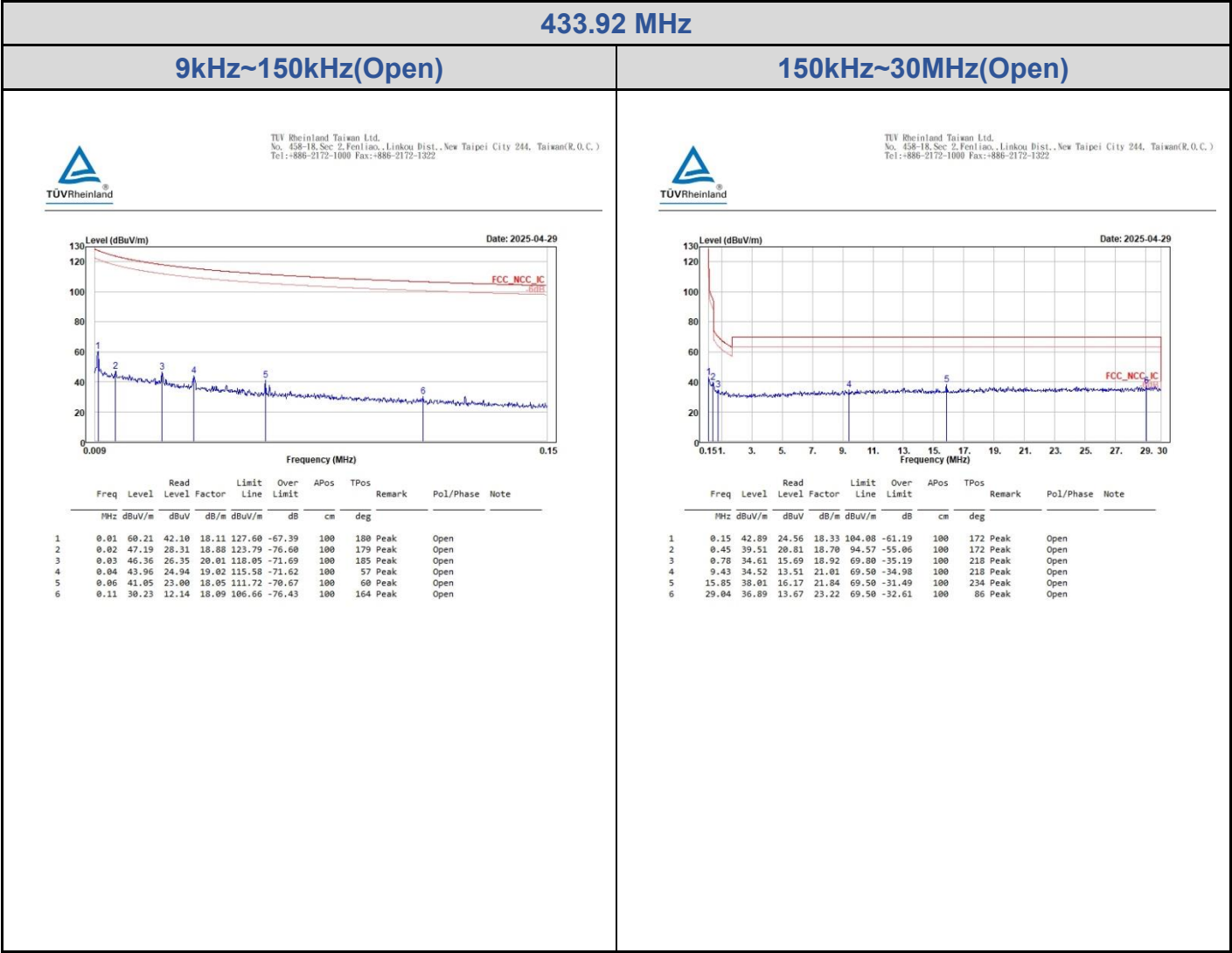


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.20	10.73	1.10	9.63	53.47	-42.74 Average	neutral
2	0.20	23.33	13.70	9.63	63.47	-40.14 QP	neutral
3	0.47	17.76	8.13	9.63	46.48	-28.72 Average	neutral
4	0.47	30.59	20.96	9.63	56.48	-25.89 QP	neutral
5	0.57	10.26	0.63	9.63	46.00	-35.74 Average	neutral
6	0.57	19.51	9.88	9.63	56.00	-36.49 QP	neutral
7	3.38	8.22	-1.47	9.69	46.00	-37.78 Average	neutral
8	3.38	16.54	6.85	9.69	56.00	-39.46 QP	neutral
9	14.20	15.03	5.21	9.82	50.00	-34.57 Average	neutral
10	14.20	28.59	18.77	9.82	60.00	-31.41 QP	neutral
11	22.92	26.95	17.10	9.85	50.00	-23.05 Average	neutral
12	22.92	32.29	22.44	9.85	60.00	-27.71 QP	neutral

Appendix D: Test Results of Radiated Spurious Emissions and Mains
Conducted Emission for UFL Antenna_ASK

Main Source, ANT 1 (-1.57 dBi)
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz



	Freq	Level	Lead	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	30.97	37.96	45.65	-7.69	80.83	-42.87		101	368	Peak	Vertical	
2	47.46	41.94	47.88	-5.94	80.83	-38.89		100	368	Peak	Vertical	
3	62.98	29.54	36.53	-6.99	80.83	-51.29		100	218	Peak	Vertical	
4	110.51	34.05	43.96	-9.91	80.83	-46.78		100	227	Peak	Vertical	
5	126.03	35.24	43.70	-8.46	80.83	-45.59		100	236	Peak	Vertical	
6	433.92	63.55	65.94	-2.39	80.83	-17.28		200	200	Average	Vertical	CF
7	433.92	97.53	99.91	-2.38	100.83	-3.30	200	200	Peak	Vertical	Vertical	CF
8	867.84	97.53	99.91	-2.38	100.83	-3.30	200	200	Average	Vertical	Vertical	
9	867.84	95.36	40.61	-4.75	80.83	-35.47	128	368	Peak	Vertical	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 5GHz

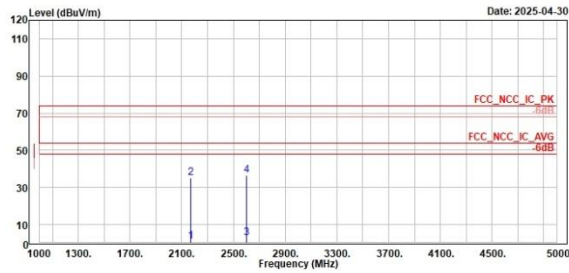
433.92 MHz

Horizontal

Vertical



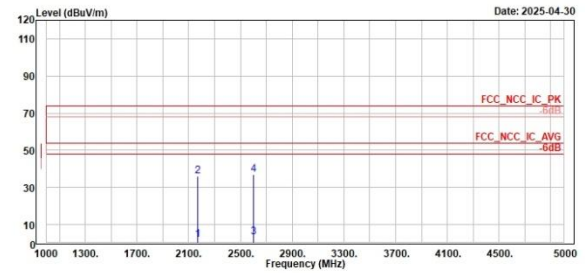
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2169.60	0.96	15.54	-14.58	54.00	-53.04	300	13	Average	Horizontal	CF	
2	2169.60	34.95	49.53	-14.58	74.00	-39.05	300	13	Peak	Horizontal	CF	
3	2603.52	2.66	15.96	-13.30	54.00	-51.34	100	13	Average	Horizontal	CF	
4	2603.52	36.64	49.94	-13.30	74.00	-37.36	100	13	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	dB	cm	deg			
1	2169.60	2.02	16.60	-14.58	54.00	-51.98	200	166	Average	Vertical	CF	
2	2169.60	36.00	50.58	-14.58	74.00	-36.00	200	166	Peak	Vertical		
3	2603.52	3.06	16.36	-13.30	54.00	-50.94	200	13	Average	Vertical	CF	
4	2603.52	37.04	50.34	-13.30	74.00	-36.96	200	13	Peak	Vertical		

Mains Conducted Emission, Tx Mode 150kHz ~ 30MHz

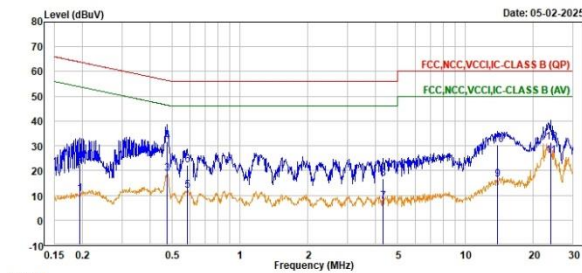
Worst Band

(Line)

(Neutral)



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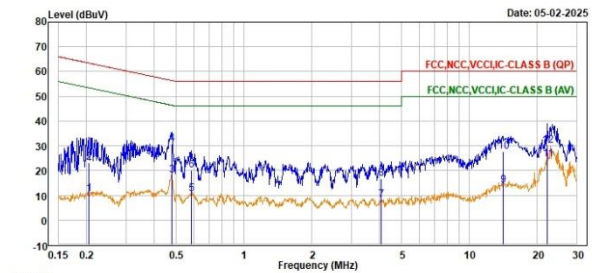


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.19	10.38	0.75	9.63	53.85	-43.47 Average	line1
2	0.19	22.97	13.34	9.63	63.85	-40.88 QP	line1
3	0.47	18.79	9.16	9.63	46.48	-27.69 Average	line1
4	0.47	31.75	22.12	9.63	56.48	-24.73 QP	line1
5	0.58	11.86	2.23	9.63	46.00	-34.14 Average	line1
6	0.58	22.16	12.53	9.63	56.00	-33.84 QP	line1
7	4.32	7.35	-2.34	9.69	46.00	-38.65 Average	line1
8	4.32	16.69	7.00	9.69	56.00	-39.31 QP	line1
9	13.92	16.44	6.69	9.75	50.00	-33.56 Average	line1
10	13.92	30.29	20.54	9.75	60.00	-29.71 QP	line1
11	23.97	25.95	16.23	9.72	50.00	-24.05 Average	line1
12	23.97	31.41	21.69	9.72	60.00	-28.59 QP	line1



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Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.21	10.67	1.04	9.63	53.39	-42.72 Average	neutral
2	0.21	23.13	13.50	9.63	63.39	-40.26 QP	neutral
3	0.48	17.90	8.27	9.63	46.40	-28.50 Average	neutral
4	0.48	30.68	21.05	9.63	56.40	-25.72 QP	neutral
5	0.58	10.46	0.83	9.63	46.00	-35.54 Average	neutral
6	0.58	20.01	10.38	9.63	56.00	-35.99 QP	neutral
7	4.07	8.02	-1.67	9.69	46.00	-37.98 Average	neutral
8	4.07	16.79	7.10	9.69	56.00	-39.21 QP	neutral
9	14.13	14.11	4.29	9.82	50.00	-35.89 Average	neutral
10	14.13	27.79	17.97	9.82	60.00	-32.21 QP	neutral
11	22.25	24.54	14.69	9.85	50.00	-25.46 Average	neutral
12	22.25	30.11	20.26	9.85	60.00	-29.89 QP	neutral

2nd Source, ANT 1 (-1.57 dBi)
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

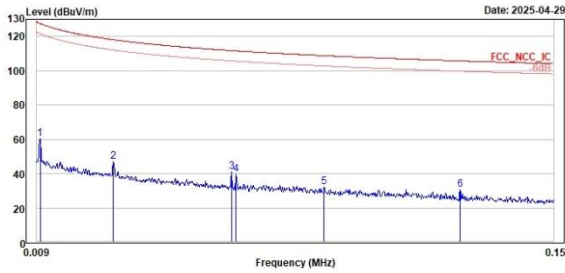
433.92 MHz

9kHz~150kHz(Open)

150kHz~30MHz(Open)



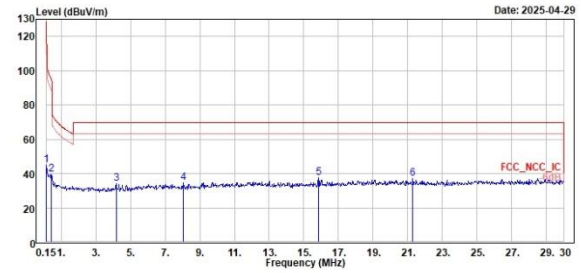
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	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.01	60.31	42.20	18.11	127.60	-67.29	100	90 Peak	Open	
2	0.03	47.17	27.16	20.01	118.05	-70.88	100	90 Peak	Open	
3	0.06	40.82	22.77	18.05	111.72	-70.90	100	334 Peak	Open	
4	0.06	39.48	21.35	18.13	111.55	-72.07	100	199 Peak	Open	
5	0.09	32.19	14.12	18.07	108.77	-76.58	100	210 Peak	Open	
6	0.12	30.77	12.60	18.17	105.70	-74.93	100	201 Peak	Open	



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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	0.15	44.85	26.52	18.33	104.00	-59.23	100	192 Peak	Open	
2	0.45	39.47	20.77	18.70	94.57	-55.10	100	185 Peak	Open	
3	4.18	34.14	14.70	19.44	69.50	-35.36	100	45 Peak	Open	
4	8.06	34.55	13.78	20.77	69.50	-34.95	100	246 Peak	Open	
5	15.85	37.52	15.68	21.84	69.50	-31.98	100	132 Peak	Open	
6	21.28	37.11	14.56	22.55	69.50	-32.39	100	117 Peak	Open	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

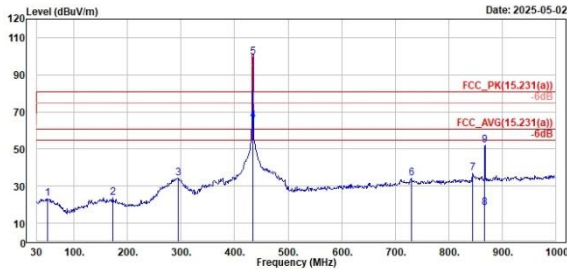
433.92 MHz

Horizontal

Vertical



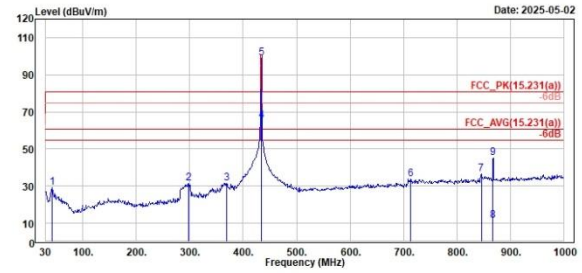
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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	50.37	23.34	29.10	-5.76	80.83	-57.49	323	360	Peak	Horizontal	
2	172.59	23.67	29.93	-6.26	80.83	-57.16	200	96	Peak	Horizontal	
3	293.84	34.28	39.58	-5.30	80.83	-46.55	100	351	Peak	Horizontal	
4	433.92	65.28	67.67	-2.39	80.83	-15.55	200	147	Average	Horizontal	CF
5	433.92	99.26	101.64	-2.38	100.83	-1.57	200	147	Peak	Horizontal	
6	730.34	34.13	31.17	2.96	80.83	-46.70	400	279	Peak	Horizontal	
7	844.80	36.51	32.57	4.24	80.83	-44.02	300	20	Peak	Horizontal	
8	867.84	18.17	13.42	4.75	60.83	-42.66	100	69	Average	Horizontal	CF
9	867.84	52.15	47.40	4.75	80.83	-28.68	100	69	Peak	Horizontal	



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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	41.64	29.15	35.71	-6.56	80.83	-51.68	100	241	Peak	Vertical	
2	297.72	31.28	36.56	-5.28	80.83	-49.55	200	128	Peak	Vertical	
3	368.53	31.54	35.18	-3.64	80.83	-49.29	148	360	Peak	Vertical	
4	433.92	65.19	67.58	-2.39	80.83	-15.64	100	300	Average	Vertical	CF
5	433.92	99.17	101.56	-2.39	100.82	-1.65	100	300	Peak	Vertical	
6	712.08	33.63	31.06	2.57	80.83	-47.20	200	7	Peak	Vertical	
7	845.77	36.42	32.16	4.26	80.83	-44.41	300	348	Peak	Vertical	
8	867.84	11.21	6.46	4.75	60.83	-49.62	100	330	Average	Vertical	CF
9	867.84	45.19	40.44	4.75	80.83	-35.64	100	330	Peak	Vertical	

	Freq	Lvl	Read Level	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2169.60	4.29	18.87	-14.58	54.00	-49.71	101	316 Average	Vertical	CF
2	2169.60	38.69	52.85	-14.58	74.00	-35.73	101	360 Peak	Vertical	
3	2680.52	4.71	18.87	-13.30	54.00	-49.71	101	214 Average	Vertical	CF
4	2680.52	38.67	51.89	-13.30	74.00	-35.31	400	216 Peak	Vertical	

Mains Conducted Emission, Tx Mode 150kHz ~ 30MHz

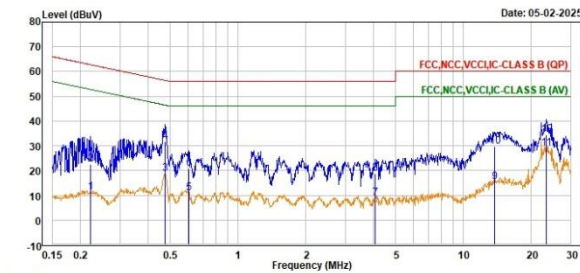
Worst Band

(Line)

(Neutral)



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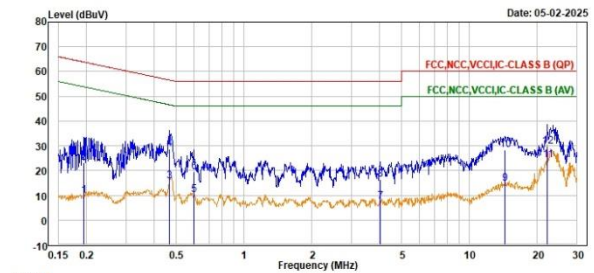


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.22	11.13	1.50	9.63	52.77	-41.64 Average	line1
2	0.22	22.52	12.09	9.63	62.77	-40.25 QP	line1
3	0.47	18.72	9.09	9.63	46.48	-27.76 Average	line1
4	0.47	31.61	21.98	9.63	56.48	-24.87 QP	line1
5	0.60	10.85	1.22	9.63	46.00	-35.15 Average	line1
6	0.60	20.68	11.05	9.63	56.00	-35.32 QP	line1
7	4.07	8.98	-0.70	9.68	46.00	-37.02 Average	line1
8	4.07	18.62	8.94	9.68	56.00	-37.38 QP	line1
9	13.79	15.30	5.55	9.75	50.00	-34.70 Average	line1
10	13.79	29.65	19.90	9.75	60.00	-30.35 QP	line1
11	23.38	29.02	19.31	9.71	50.00	-20.98 Average	line1
12	23.38	34.34	24.63	9.71	60.00	-25.66 QP	line1



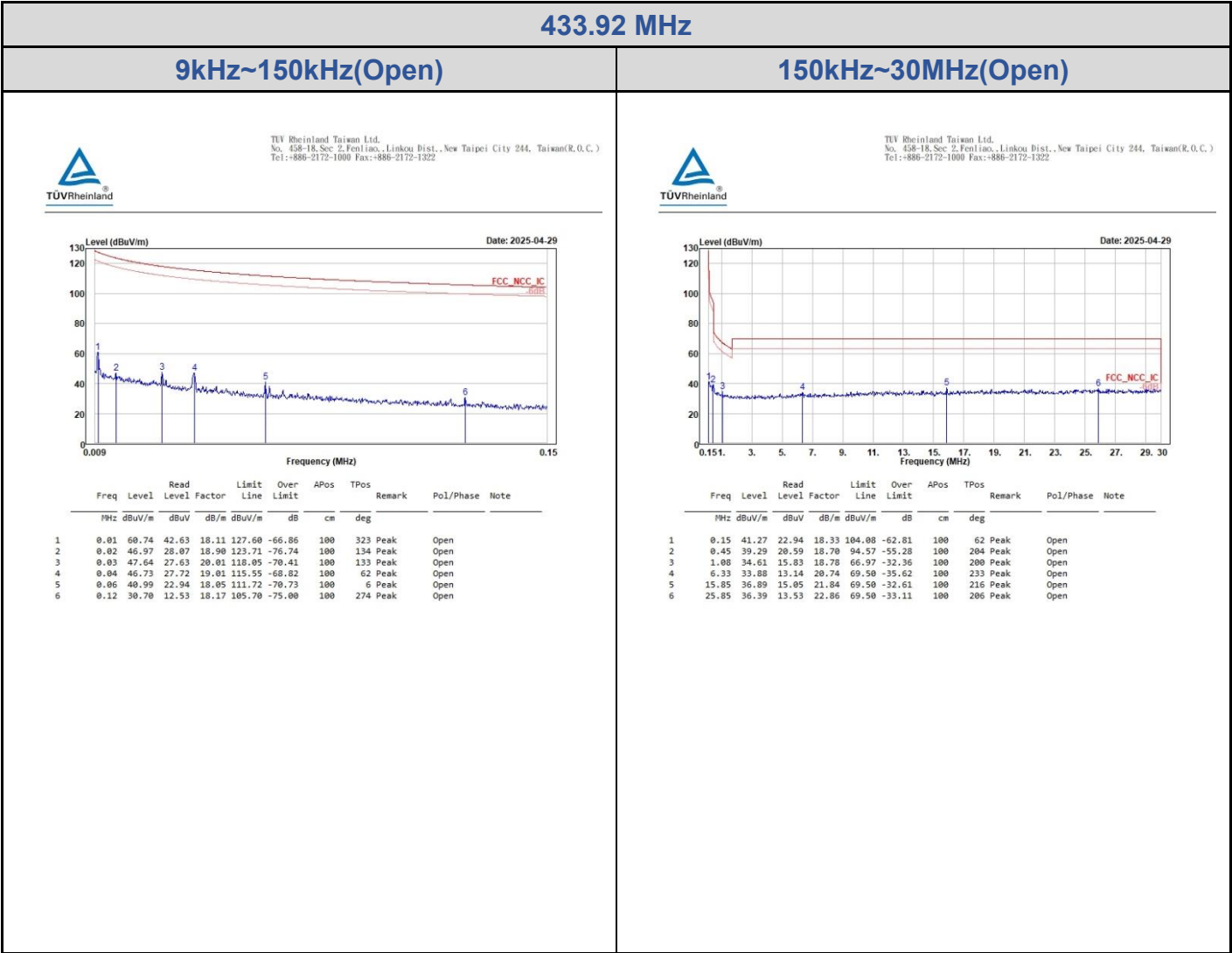
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Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.19	9.90	0.27	9.63	53.89	-43.99 Average	neutral
2	0.19	23.16	13.53	9.63	63.89	-40.73 QP	neutral
3	0.47	15.81	6.18	9.63	46.56	-30.75 Average	neutral
4	0.47	28.62	18.99	9.63	56.56	-27.94 QP	neutral
5	0.60	10.23	0.60	9.63	46.00	-35.77 Average	neutral
6	0.60	19.56	9.93	9.63	56.00	-36.44 QP	neutral
7	4.02	7.50	-2.19	9.69	46.00	-38.50 Average	neutral
8	4.02	16.20	6.51	9.69	56.00	-39.80 QP	neutral
9	14.35	14.70	4.88	9.82	50.00	-35.30 Average	neutral
10	14.35	28.37	18.55	9.82	60.00	-31.63 QP	neutral
11	22.25	24.39	14.54	9.85	50.00	-25.61 Average	neutral
12	22.25	29.73	19.88	9.85	60.00	-30.27 QP	neutral

Main Source, ANT 2 (0.41dBi)
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz



Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

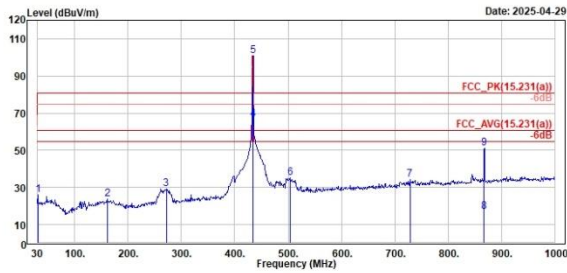
433.92 MHz

Horizontal

Vertical



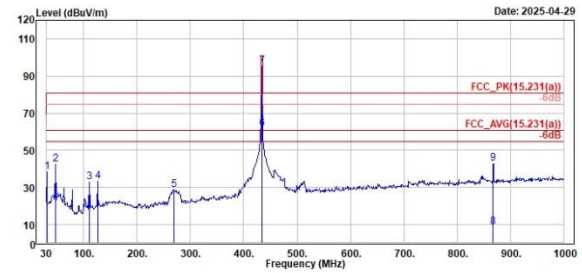
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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	38.97	26.11	33.88	-7.69	80.83	-54.72	200		101 Peak	Horizontal	
2	168.95	23.77	29.60	-5.83	80.83	-57.06	200		383 Peak	Horizontal	
3	271.53	29.28	35.44	-6.16	80.83	-51.55	100		129 Peak	Horizontal	
4	433.92	66.71	69.10	-2.39	80.83	-14.12	200		145 Average	Horizontal	CF
5	433.92	100.69	103.07	-2.38	80.83	-0.14	200		145 Peak	Horizontal	
6	593.36	35.17	36.62	-1.45	80.83	-45.66	200		52 Peak	Horizontal	
7	728.40	34.95	31.10	2.95	80.83	-46.78	400		368 Peak	Horizontal	
8	867.84	17.06	12.31	4.75	80.83	-43.77	200		145 Average	Horizontal	CF
9	867.84	51.04	46.29	4.75	80.83	-29.79	200		145 Peak	Horizontal	



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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	38.97	38.26	45.95	-7.69	80.83	-42.57	100		8 Peak	Vertical	
2	47.46	42.21	48.15	-5.94	80.83	-38.62	100		188 Peak	Vertical	
3	118.51	32.74	42.65	-9.91	80.83	-48.09	100		204 Peak	Vertical	
4	126.03	33.23	41.69	-8.46	80.83	-47.60	100		262 Peak	Vertical	
5	269.59	28.65	34.93	-6.28	80.83	-52.18	200		88 Peak	Vertical	
6	433.92	61.57	63.96	-2.39	80.83	-19.26	172		368 Average	Vertical	CF
7	433.92	95.55	97.93	-2.38	100.83	-5.28	172		368 Peak	Vertical	
8	867.84	8.71	3.96	4.75	80.83	-52.12	100		31 Average	Vertical	CF
9	867.84	42.69	37.94	4.75	80.83	-38.14	100		31 Peak	Vertical	

Mains Conducted Emission, Tx Mode 150kHz ~ 30MHz

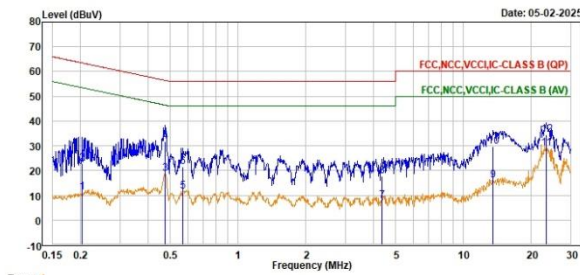
Worst Band

(Line)

(Neutral)



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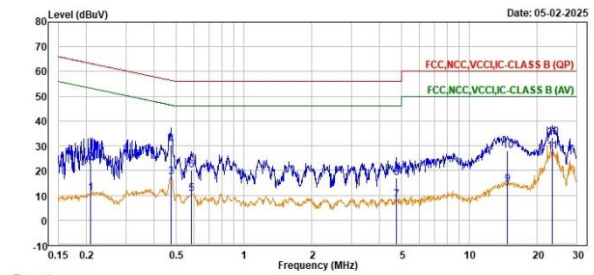


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.20	11.08	1.45	9.63	53.47	-42.39 Average	line1
2	0.20	22.83	13.20	9.63	63.47	-40.64 QP	line1
3	0.47	18.80	9.17	9.63	46.48	-27.68 Average	line1
4	0.47	31.79	22.16	9.63	56.48	-24.69 QP	line1
5	0.57	11.41	1.78	9.63	46.00	-34.59 Average	line1
6	0.57	21.53	11.90	9.63	56.00	-34.47 QP	line1
7	4.34	7.82	-1.87	9.69	46.00	-38.18 Average	line1
8	4.34	17.61	7.92	9.69	56.00	-38.39 QP	line1
9	13.51	15.84	6.10	9.74	50.00	-34.16 Average	line1
10	13.51	29.82	20.08	9.74	60.00	-30.18 QP	line1
11	23.38	29.09	19.38	9.71	50.00	-20.91 Average	line1
12	23.38	34.51	24.00	9.71	60.00	-25.49 QP	line1



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Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.21	10.76	1.13	9.63	53.27	-42.51 Average	neutral
2	0.21	23.25	13.62	9.63	63.27	-40.02 QP	neutral
3	0.47	17.47	7.84	9.63	46.48	-29.01 Average	neutral
4	0.47	30.51	20.88	9.63	56.48	-25.97 QP	neutral
5	0.58	10.58	0.95	9.63	46.00	-35.42 Average	neutral
6	0.58	20.08	10.45	9.63	56.00	-35.92 QP	neutral
7	4.77	8.25	-1.46	9.71	46.00	-37.75 Average	neutral
8	4.77	17.18	7.47	9.71	56.00	-38.82 QP	neutral
9	14.78	14.42	4.60	9.82	50.00	-35.58 Average	neutral
10	14.78	27.94	18.12	9.82	60.00	-32.06 QP	neutral
11	23.38	27.77	17.93	9.84	50.00	-22.23 Average	neutral
12	23.38	33.38	23.54	9.84	60.00	-26.62 QP	neutral

2nd Source, ANT 2 (0.41dBi)
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

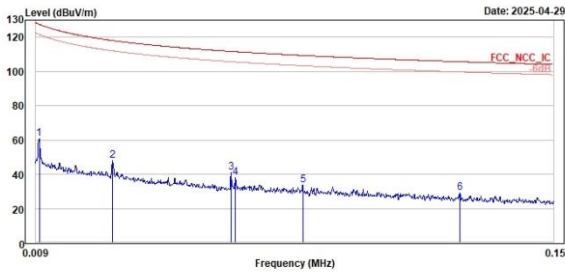
433.92 MHz

9kHz~150kHz(Open)

150kHz~30MHz(Open)



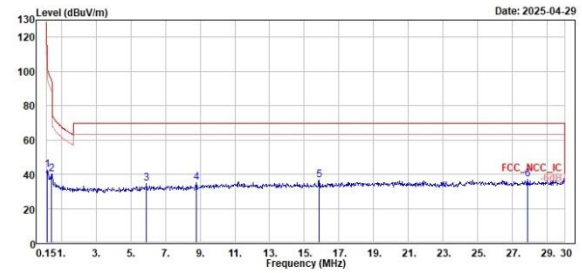
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.01	60.81	42.70	18.11	127.60	-66.79	100	230	Peak	Open		
2	0.03	47.74	27.73	20.01	118.05	-70.31	100	230	Peak	Open		
3	0.06	40.92	22.87	18.05	111.72	-70.80	100	198	Peak	Open		
4	0.06	37.86	19.73	18.13	111.55	-73.69	100	324	Peak	Open		
5	0.08	33.78	15.60	18.18	109.34	-75.56	100	216	Peak	Open		
6	0.12	29.00	10.83	18.17	105.70	-76.70	100	238	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	0.21	42.59	23.96	18.63	101.17	-58.58	100	200	Peak	Open		
2	0.45	40.02	21.32	18.70	94.57	-54.55	100	200	Peak	Open		
3	5.91	34.35	13.71	20.64	69.50	-35.15	100	106	Peak	Open		
4	8.78	34.93	14.14	20.79	69.50	-34.57	100	336	Peak	Open		
5	15.85	36.53	14.69	21.84	69.50	-32.97	100	129	Peak	Open		
6	27.88	37.10	14.09	23.01	69.50	-32.40	100	29	Peak	Open		

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

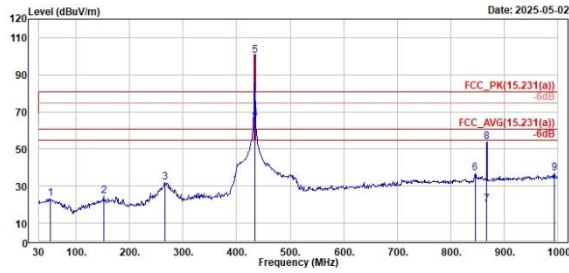
433.92 MHz

Horizontal

Vertical



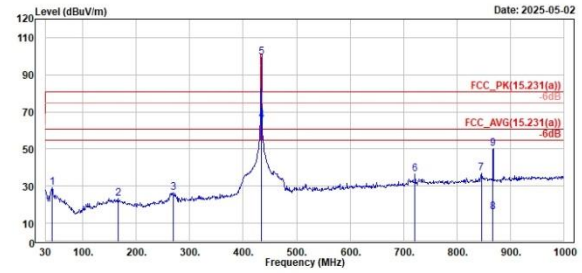
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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	51.34	23.32	29.04	-5.72	80.83	-57.51	200	32	Peak	Horizontal	
2	151.25	24.67	30.79	-6.12	80.83	-56.16	195	360	Peak	Horizontal	
3	265.71	31.75	38.17	-6.42	80.83	-49.08	100	273	Peak	Horizontal	
4	433.92	66.23	68.62	-2.39	80.83	-14.60	200	89	Average	Horizontal	CF
5	433.92	100.21	102.59	-2.38	100.83	-0.62	200	89	Peak	Horizontal	
6	845.77	36.87	32.61	4.26	80.83	-43.96	300	164	Peak	Horizontal	CF
7	867.84	19.98	15.23	4.75	60.83	-40.85	100	83	Average	Horizontal	
8	867.84	53.96	49.21	4.75	80.83	-26.87	100	83	Peak	Horizontal	
9	994.18	36.79	30.28	6.51	80.83	-44.04	100	294	Peak	Horizontal	



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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	41.64	29.20	35.76	-6.56	80.83	-51.63	100	320	Peak	Vertical	
2	165.00	23.99	29.22	-5.83	80.83	-57.44	200	23	Peak	Vertical	
3	268.62	26.35	32.66	-6.31	80.83	-54.48	200	104	Peak	Vertical	
4	433.92	65.37	67.76	-2.39	80.83	-15.46	100	313	Average	Vertical	CF
5	433.92	99.35	101.73	-2.38	100.83	-1.48	100	313	Peak	Vertical	
6	721.61	36.50	33.71	2.79	80.83	-44.33	100	52	Peak	Vertical	
7	845.77	36.82	32.56	4.26	80.83	-44.01	200	360	Peak	Vertical	
8	867.84	15.98	11.23	4.75	60.83	-44.85	100	313	Average	Vertical	CF
9	867.84	49.96	45.21	4.75	80.83	-30.87	100	313	Peak	Vertical	

	Freq	Head Level	Read Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2169.60	7.11	21.69	-14.58	54.00	-46.89	136	360 Average	Vertical	CF
2	2169.60	37.21	51.79	-14.58	74.00	-36.79	136	360 Peak	Vertical	
3	2680.52	6.94	20.24	-13.30	54.00	-46.89	136	155 Average	Vertical	CF
4	2680.52	37.04	50.34	-13.30	74.00	-36.96	400	155 Peak	Vertical	

Mains Conducted Emission, Tx Mode 150kHz ~ 30MHz

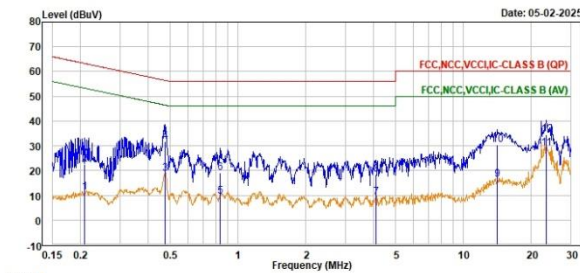
Worst Band

(Line)

(Neutral)



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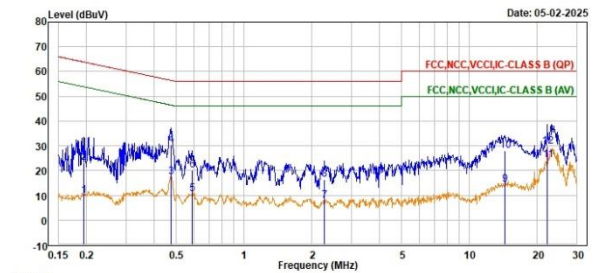


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dBuV	dB		
1	0.21	11.10	1.47	9.63	53.27	-42.17 Average	line1
2	0.21	22.60	12.97	9.63	63.27	-40.67 QP	line1
3	0.47	18.69	9.06	9.63	46.48	-27.79 Average	line1
4	0.47	31.64	22.01	9.63	56.48	-24.84 QP	line1
5	0.83	9.49	-0.15	9.64	46.00	-36.51 Average	line1
6	0.83	19.22	9.58	9.64	56.00	-36.78 QP	line1
7	4.09	9.13	-0.55	9.68	46.00	-36.87 Average	line1
8	4.09	18.57	8.09	9.68	56.00	-37.43 QP	line1
9	14.20	16.23	6.48	9.75	50.00	-33.77 Average	line1
10	14.20	30.36	20.61	9.75	60.00	-29.64 QP	line1
11	23.38	28.92	19.21	9.71	50.00	-21.08 Average	line1
12	23.38	34.44	24.73	9.71	60.00	-25.56 QP	line1



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Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dBuV	dB		
1	0.19	9.99	0.36	9.63	53.89	-43.90 Average	neutral
2	0.19	23.19	13.56	9.63	63.89	-40.70 QP	neutral
3	0.47	17.47	7.84	9.63	46.48	-29.01 Average	neutral
4	0.47	30.38	20.75	9.63	56.48	-26.10 QP	neutral
5	0.59	10.48	0.85	9.63	46.00	-35.52 Average	neutral
6	0.59	19.95	10.32	9.63	56.00	-36.05 QP	neutral
7	2.28	7.75	-1.91	9.66	46.00	-38.25 Average	neutral
8	2.28	16.21	6.55	9.66	56.00	-39.79 QP	neutral
9	14.42	14.34	4.52	9.82	50.00	-35.66 Average	neutral
10	14.42	28.02	18.20	9.82	60.00	-31.98 QP	neutral
11	22.25	24.25	14.40	9.85	50.00	-25.75 Average	neutral
12	22.25	29.63	19.78	9.85	60.00	-30.37 QP	neutral

	Freq	Lead	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	Hz	dBuV	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	0.18	42.73	24.21	18.52	182.50	-59.77	100	183	Peak	Open	
2	0.39	20.20	15.73	54.01	-54.01	147	100	147	Peak	Open	
3	1.19	33.52	15.04	17.89	66.06	-32.23	100	194	Peak	Open	
4	15.88	37.09	15.25	21.61	69.50	-32.41	100	112	Peak	Open	
5	28.87	37.34	14.67	22.67	69.50	-32.16	100	244	Peak	Open	
6	29.13	36.15	13.23	23.22	69.50	-32.88	100	277	Peak	Open	

	Freq	Level	ad Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	38.97	38.00	46.49	-7.69	80.83	-42.83	100	0	Peak	Vertical	
2	49.45	42.12	46.96	-5.94	80.83	-37.71	202	262	Peak	Vertical	
3	118.51	34.83	43.94	-9.91	80.83	-46.00	100	229	Peak	Vertical	
4	127.00	38.04	42.10	-8.26	80.83	-46.99	100	241	Peak	Vertical	
5	364.65	28.21	32.00	-3.79	80.83	-52.00	100	138	Peak	Vertical	
6	433.92	61.68	64.07	-2.39	80.83	-19.15	200	183	Average	Vertical	CF
7	433.92	95.06	98.04	-2.38	100.83	-5.17	200	183	Peak	Vertical	
8	567.84	60.83	63.00	-2.17	80.83	-19.99	100	109	Average	Vertical	CF
9	867.84	42.46	37.67	-4.78	80.83	-38.41	300	105	Peak	Vertical	

Spurious Emissions, Tx Mode, 1GHz ~ 5GHz

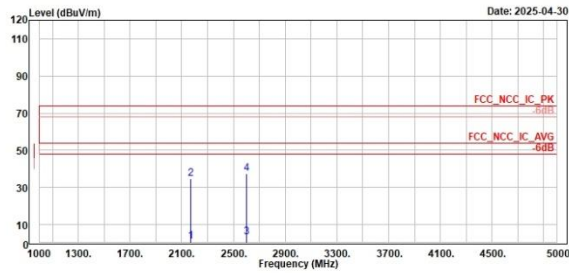
433.92 MHz

Horizontal

Vertical



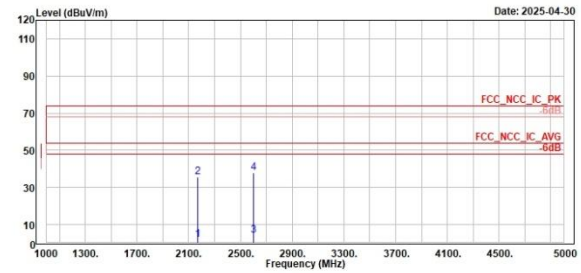
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	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2169.60	0.77	15.35	-14.58	54.00	-53.23		400	177	Average	Horizontal	CF
2	2169.60	34.75	49.33	-14.58	74.00	-39.25		400	177	Peak	Horizontal	CF
3	2603.52	3.21	16.51	-13.30	54.00	-50.79		200	291	Average	Horizontal	CF
4	2603.52	37.19	50.49	-13.30	74.00	-36.81		200	291	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	dB	cm	deg			
1	2169.60	1.68	16.26	-14.58	54.00	-52.32		400	360	Average	Vertical	CF
2	2169.60	35.66	50.24	-14.58	74.00	-38.34		400	360	Peak	Vertical	
3	2603.52	4.01	17.31	-13.30	54.00	-49.99		300	177	Average	Vertical	CF
4	2603.52	37.99	51.29	-13.30	74.00	-36.01		300	177	Peak	Vertical	

Mains Conducted Emission, Tx Mode 150kHz ~ 30MHz

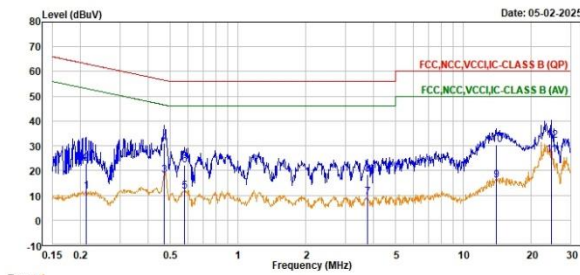
Worst Band

(Line)

(Neutral)



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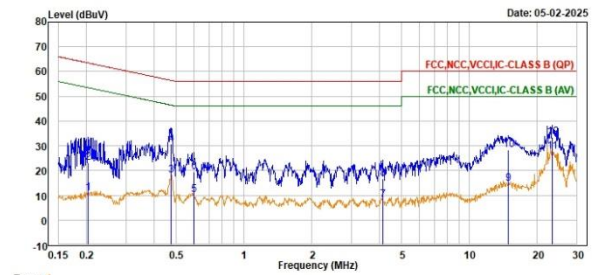


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.21	11.45	1.02	9.63	53.14	-41.69 Average	line1
2	0.21	22.70	13.07	9.63	63.14	-40.44 QP	line1
3	0.47	18.08	8.45	9.63	46.52	-28.44 Average	line1
4	0.47	31.04	21.41	9.63	56.52	-25.48 QP	line1
5	0.58	11.72	2.09	9.63	46.00	-34.28 Average	line1
6	0.58	22.02	12.39	9.63	56.00	-33.98 QP	line1
7	3.75	9.02	-0.66	9.68	46.00	-36.98 Average	line1
8	3.75	18.36	8.60	9.68	56.00	-37.64 QP	line1
9	13.99	16.11	6.36	9.75	50.00	-33.89 Average	line1
10	13.99	30.23	20.48	9.75	60.00	-29.77 QP	line1
11	24.58	26.41	16.70	9.71	50.00	-23.59 Average	line1
12	24.58	31.93	22.22	9.71	60.00	-28.07 QP	line1



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Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.20	10.78	1.15	9.63	53.52	-42.74 Average	neutral
2	0.20	23.21	13.58	9.63	63.52	-40.31 QP	neutral
3	0.47	17.93	8.30	9.63	46.44	-28.51 Average	neutral
4	0.47	30.84	21.21	9.63	56.44	-25.60 QP	neutral
5	0.60	10.10	0.47	9.63	46.00	-35.90 Average	neutral
6	0.60	19.34	9.71	9.63	56.00	-36.66 QP	neutral
7	4.13	8.14	-1.55	9.69	46.00	-37.86 Average	neutral
8	4.13	16.05	7.16	9.69	56.00	-39.15 QP	neutral
9	14.93	14.79	4.97	9.82	50.00	-35.21 Average	neutral
10	14.93	28.31	18.49	9.82	60.00	-31.69 QP	neutral
11	23.38	27.71	17.87	9.84	50.00	-22.29 Average	neutral
12	23.38	33.34	23.50	9.84	60.00	-26.66 QP	neutral

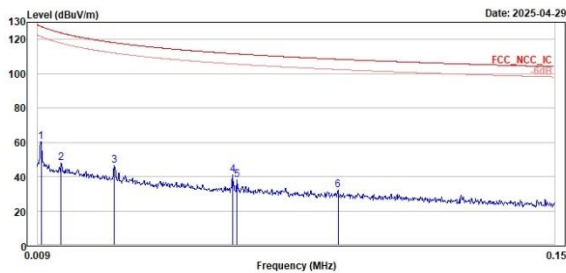
2nd Source, ANT 4 (1.29 dBi)

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

9kHz~150kHz(Open)



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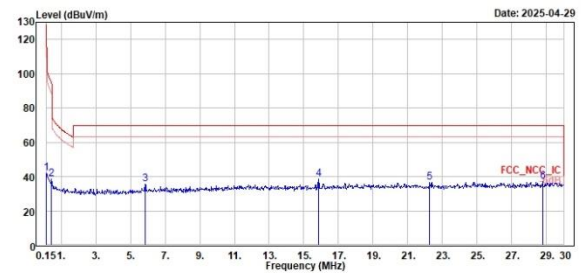


Peak	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	0.01	60.38	42.27	18.11	127.60	-67.22	100	288	Peak	Open		
2	0.02	47.84	28.96	18.88	123.79	-75.95	100	164	Peak	Open		
3	0.03	46.59	26.58	20.01	118.05	-71.46	100	100	Peak	Open		
4	0.06	41.04	22.99	18.05	111.72	-70.68	100	205	Peak	Open		
5	0.06	38.23	20.10	18.13	111.55	-73.32	100	169	Peak	Open		
6	0.09	32.27	14.25	18.02	106.42	-76.15	100	204	Peak	Open		

150kHz~30MHz(Open)



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Peak	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	0.15	41.96	23.63	18.33	104.08	-62.12	100	50	Peak	Open		
2	0.45	38.69	19.99	18.70	94.57	-55.88	100	209	Peak	Open		
3	5.85	35.40	14.82	20.58	69.50	-34.10	100	0	Peak	Open		
4	15.85	38.54	16.70	21.84	69.50	-30.96	100	225	Peak	Open		
5	22.27	36.79	14.52	22.27	69.50	-32.71	100	187	Peak	Open		
6	28.78	37.11	13.93	23.18	69.50	-32.39	100	239	Peak	Open		

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

Horizontal

TÜV Rheinland Taiwan Ltd.
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Level (dBuV/m) Date: 2025-05-02

Frequency (MHz)

	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	191.02	30.58	38.65	-8.07	80.83	-50.25	200	228	Peak	Horizontal		
2	224.00	28.43	36.50	-8.07	80.83	-52.40	200	62	Peak	Horizontal		
3	359.80	31.42	35.40	-3.98	80.83	-49.41	100	159	Peak	Horizontal		
4	433.92	63.70	66.09	-2.39	80.83	-17.13	200	353	Average	Horizontal	CF	
5	433.92	97.68	100.06	-2.38	100.83	-3.15	200	353	Peak	Horizontal		
6	710.94	33.06	30.53	2.53	80.83	-47.77	300	222	Peak	Horizontal		
7	845.77	35.86	31.60	4.26	80.83	-44.97	400	328	Peak	Horizontal		
8	867.84	14.77	10.02	4.75	60.83	-46.06	100	149	Average	Horizontal	CF	
9	867.84	48.75	44.00	4.75	80.83	-32.08	100	149	Peak	Horizontal		

Vertical

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Level (dBuV/m) Date: 2025-05-02

Frequency (MHz)

	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	41.64	30.50	37.06	-6.56	80.83	-50.33	100	197	Peak	Vertical		
2	189.08	24.29	32.19	-7.90	80.83	-56.54	200	168	Peak	Vertical		
3	359.80	27.79	31.77	-3.98	80.83	-53.04	100	170	Peak	Vertical		
4	433.92	63.77	66.16	-2.39	80.83	-17.06	100	171	Average	Vertical	CF	
5	433.92	97.75	100.13	-2.38	100.83	-3.08	100	171	Peak	Vertical		
6	728.40	34.14	31.19	2.95	80.83	-46.69	100	46	Peak	Vertical		
7	846.74	36.14	31.86	4.28	80.83	-44.69	300	230	Peak	Vertical		
8	867.84	8.70	3.95	4.75	60.83	-52.13	200	269	Average	Vertical	CF	
9	867.84	42.68	37.93	4.75	80.83	-38.15	200	269	Peak	Vertical		

Spurious Emissions, Tx Mode, 1GHz ~ 5GHz

Horizontal

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Level (dBuV/m) Date: 2025-05-02

Frequency (MHz)

Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2169.60	7.09	21.67	-14.58	54.00	-46.91	300	173	Average	Horizontal	CF
2	2169.60	37.19	51.77	-14.58	74.00	-36.81	300	173	Peak	Horizontal	
3	2603.52	8.64	21.94	-13.30	54.00	-45.36	300	218	Average	Horizontal	CF
4	2603.52	38.74	52.04	-13.30	74.00	-35.26	300	218	Peak	Horizontal	

Vertical

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Level (dBuV/m) Date: 2025-05-02

Frequency (MHz)

Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	2169.60	7.48	22.06	-14.58	54.00	-46.52	100	251	Average	Vertical	CF
2	2169.60	37.58	52.16	-14.58	74.00	-36.42	100	251	Peak	Vertical	
3	2603.52	7.69	20.99	-13.30	54.00	-46.31	400	282	Average	Vertical	CF
4	2603.52	37.79	51.09	-13.30	74.00	-36.21	400	282	Peak	Vertical	

Mains Conducted Emission, Tx Mode 150kHz ~ 30MHz

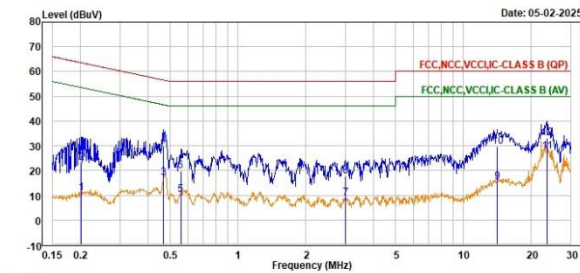
Worst Band

(Line)

(Neutral)



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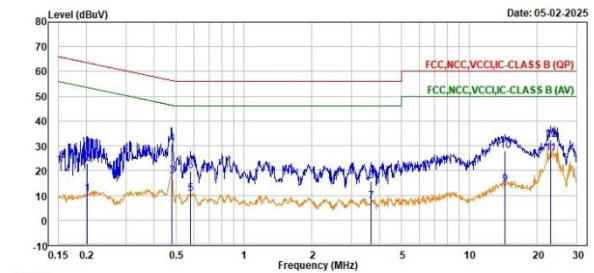


Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.20	10.83	1.20	9.63	53.60	-42.77 Average	line1
2	0.20	23.32	13.69	9.63	63.60	-40.28 QP	line1
3	0.47	17.14	7.51	9.63	46.56	-29.42 Average	line1
4	0.47	29.97	20.34	9.63	56.56	-26.59 QP	line1
5	0.56	10.20	0.57	9.63	46.00	-35.80 Average	line1
6	0.56	19.63	10.00	9.63	56.00	-36.37 QP	line1
7	3.00	8.70	-0.98	9.68	46.00	-37.30 Average	line1
8	3.00	17.71	8.03	9.68	56.00	-38.29 QP	line1
9	14.13	15.48	5.73	9.75	50.00	-34.52 Average	line1
10	14.13	29.83	20.08	9.75	60.00	-30.17 QP	line1
11	23.50	27.65	17.94	9.71	50.00	-22.35 Average	line1
12	23.50	33.12	23.41	9.71	60.00	-26.88 QP	line1



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Trace: 1

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level Factor	Line	Limit	Remark	Pol/Phase Note
	MHz	dBuV	dB	dB	dB		
1	0.20	10.62	0.99	9.63	53.56	-42.94 Average	neutral
2	0.20	23.02	13.39	9.63	63.56	-40.54 QP	neutral
3	0.48	17.82	8.19	9.63	46.40	-28.58 Average	neutral
4	0.48	30.55	20.92	9.63	56.40	-25.85 QP	neutral
5	0.58	10.38	0.75	9.63	46.00	-35.62 Average	neutral
6	0.58	19.83	10.20	9.63	56.00	-36.17 QP	neutral
7	3.66	7.35	-2.34	9.69	46.00	-38.65 Average	neutral
8	3.66	15.65	5.06	9.69	56.00	-40.35 QP	neutral
9	14.42	14.29	4.47	9.82	50.00	-35.71 Average	neutral
10	14.42	27.92	18.10	9.82	60.00	-32.08 QP	neutral
11	22.92	27.04	17.19	9.85	50.00	-22.96 Average	neutral
12	22.92	32.45	22.60	9.85	60.00	-27.55 QP	neutral