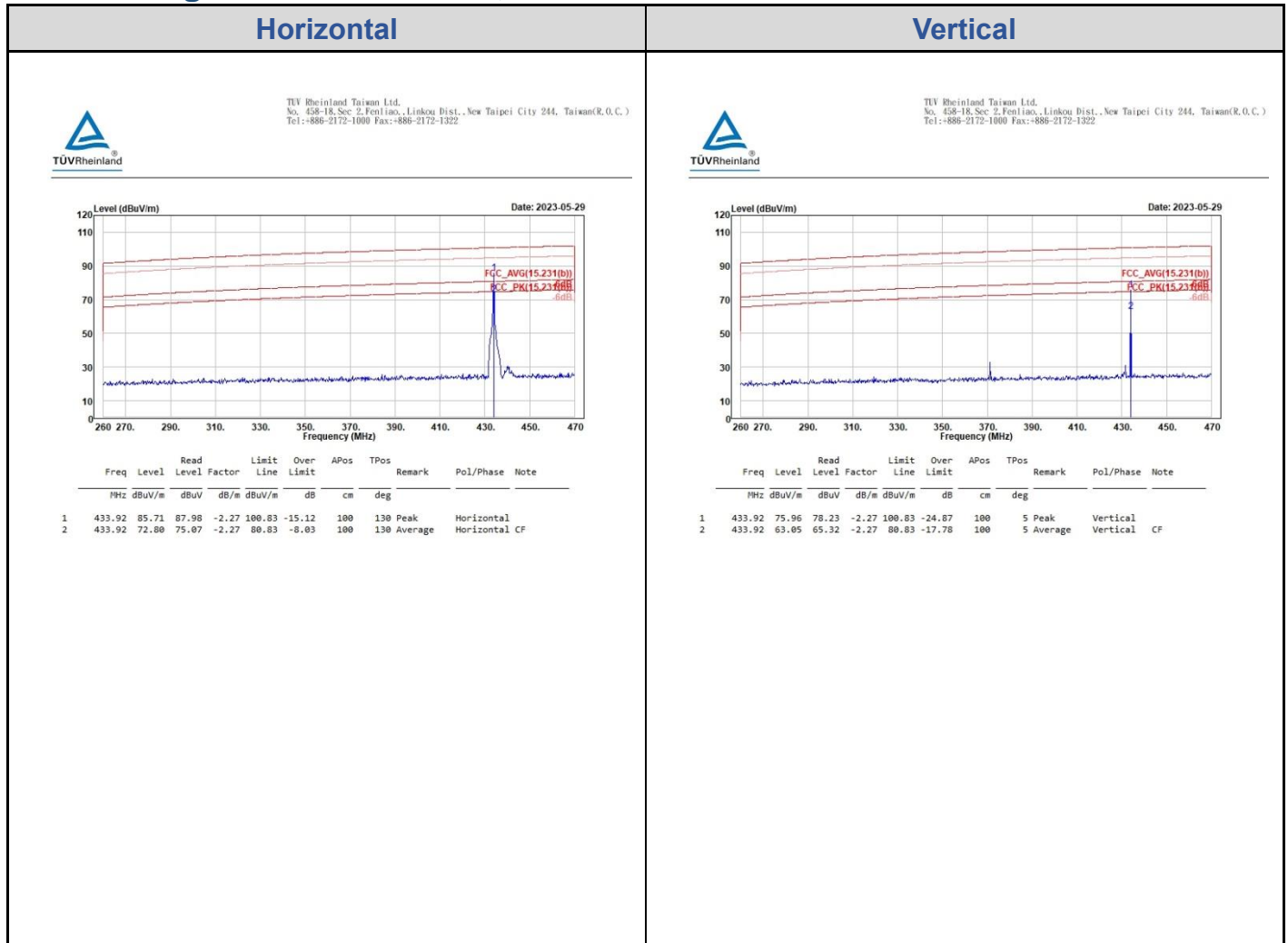


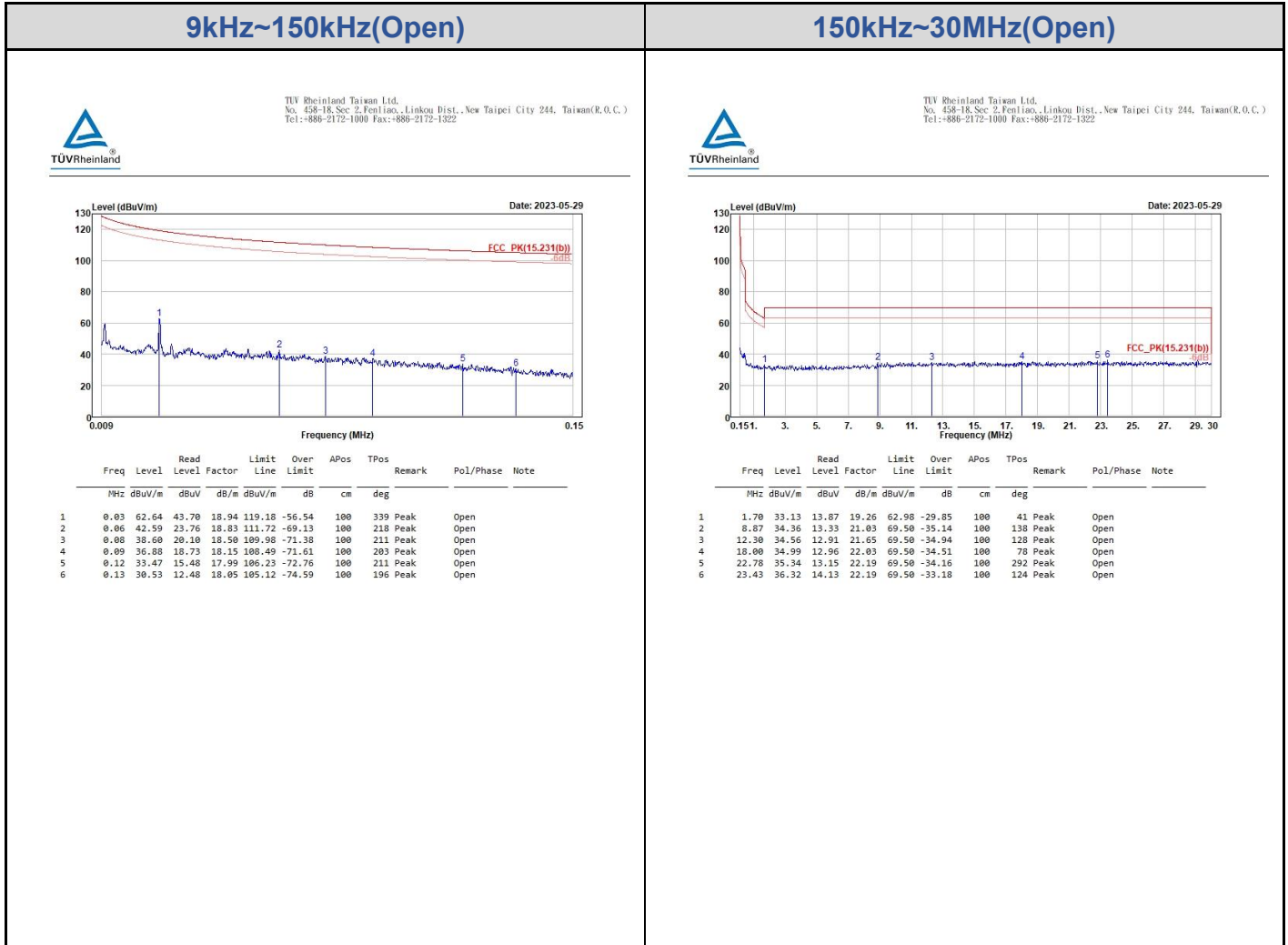
Appendix A: Test Results of Radiated Spurious Emissions

Model No.: ATAB8510B-V2.0

Field Strength of Fundamental, 433.92MHz



Spurious Emissions, Tx Mode, 9kHz ~ 30MHz



Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

Horizontal

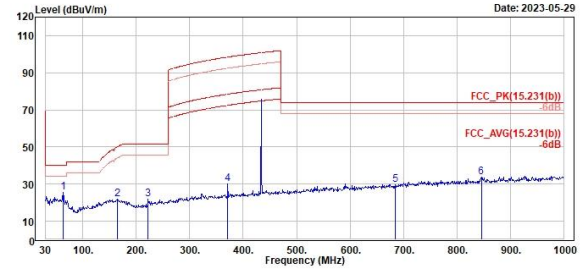
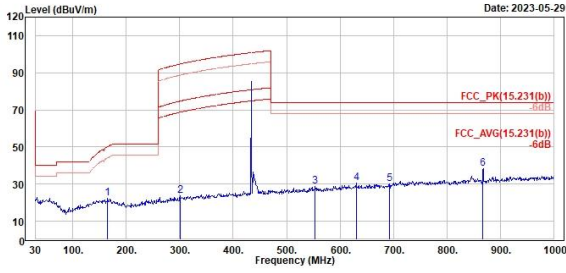
Vertical



TÜV Rheinland Taiwan Ltd.
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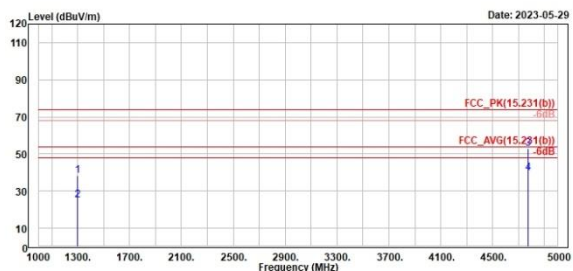
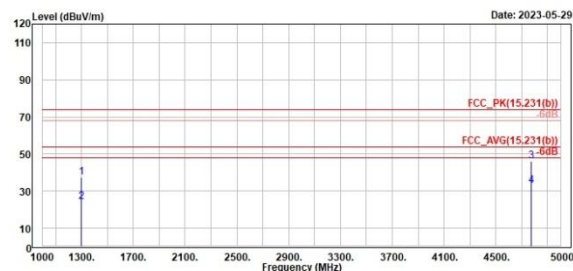
TÜV Rheinland Taiwan Ltd.
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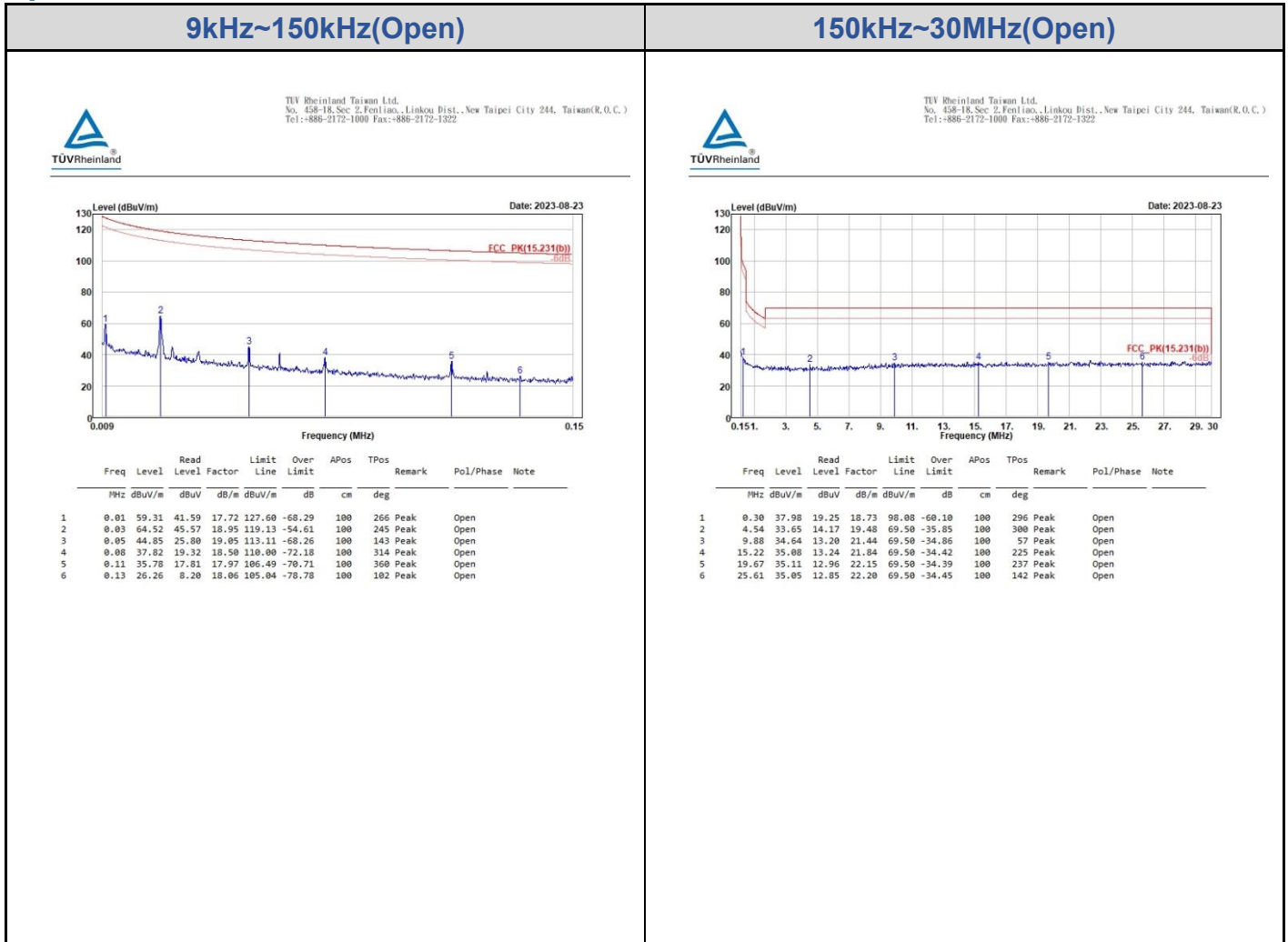
Peak	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	164.83	22.26	27.94	-5.68	50.18	-27.92	300	206	Peak	Horizontal	
2	308.63	23.72	28.43	-4.71	94.72	-71.00	200	231	Peak	Horizontal	
3	553.00	28.63	28.73	-0.10	74.00	-45.37	289	124	Peak	Horizontal	
4	630.43	30.60	29.57	1.03	74.00	-43.40	115	360	Peak	Horizontal	
5	692.51	30.27	28.43	1.84	74.00	-43.73	200	91	Peak	Horizontal	
6	857.84	38.22	34.02	4.20	74.00	-35.78	100	131	Peak	Horizontal	

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	62.98	25.33	32.41	-7.08	40.00	-14.67	200	185	Peak	Vertical	
2	163.86	22.09	27.76	-5.67	50.03	-27.94	100	98	Peak	Vertical	
3	222.06	22.07	30.15	-8.08	51.48	-29.41	100	22	Peak	Vertical	
4	371.44	30.17	33.54	-3.37	98.48	-68.31	100	59	Peak	Vertical	
5	684.75	29.86	28.33	1.53	74.00	-44.14	200	179	Peak	Vertical	
6	845.77	33.96	29.86	4.10	74.00	-40.04	200	360	Peak	Vertical	

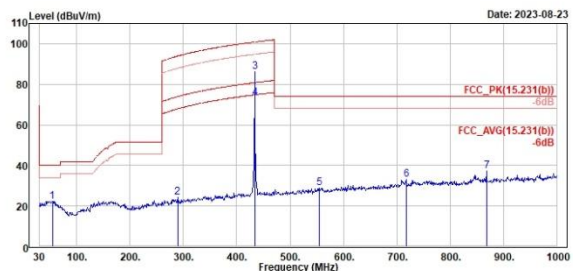
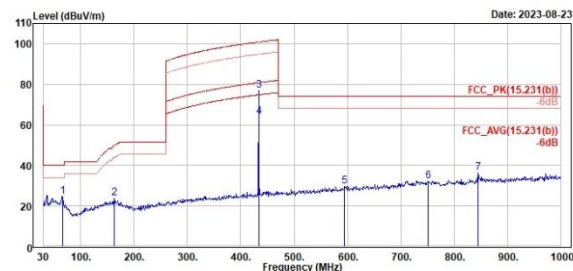
Spurious Emissions, Tx Mode, 1GHz ~ 5GHz

Horizontal										Vertical																																																																																																																																									
					TÜV Rheinland Taiwan Ltd. No. 438-18, Sec. 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.) Tel: +886-2172-1000 Fax: +886-2172-1322										TÜV Rheinland Taiwan Ltd. No. 438-18, Sec. 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.) Tel: +886-2172-1000 Fax: +886-2172-1322																																																																																																																																				
 <p>Level (dBuV/m) vs Frequency (MHz). Date: 2023-05-29. FCC limits: PK(15.231(b)) -60dB, AVG(15.231(b)) -50dB.</p>										 <p>Level (dBuV/m) vs Frequency (MHz). Date: 2023-05-29. FCC limits: PK(15.231(b)) -60dB, AVG(15.231(b)) -50dB.</p>																																																																																																																																									
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4773.12	45.96	53.89	-7.93	74.00	-28.04	300	101 Peak	Vertical																																																																																																																																											
4773.12	33.05	40.98	-7.93	54.00	-20.95	300	101 Average	Vertical	CF																																																																																																																																										

Model No.: ATA8710
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz



Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

Horizontal										Vertical																																																																																																																																																																																																											
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Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note																																																																																																																																																																																																												
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1	54.25	22.30	28.04	-5.74	40.00	-17.70	230	360	Peak	Horizontal																																																																																																																																																																																																											
2	288.99	24.28	29.28	-5.00	93.91	-69.63	100	224	Peak	Horizontal																																																																																																																																																																																																											
3	433.92	86.15	88.42	-2.27	100.83	-14.68	100	199	Peak	Horizontal																																																																																																																																																																																																											
4	433.92	73.24	75.51	-2.27	80.83	-7.59	100	199	Average	Horizontal CF																																																																																																																																																																																																											
5	554.77	28.96	29.00	-0.04	74.00	-45.04	300	191	Peak	Horizontal																																																																																																																																																																																																											
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3	433.92	76.80	79.07	-2.27	100.83	-24.03	200	88	Peak	Vertical																																																																																																																																																																																																											
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6	751.68	32.28	29.08	3.20	74.00	-41.72	120	360	Peak	Vertical																																																																																																																																																																																																											
7	844.80	36.36	32.24	4.12	74.00	-37.64	300	358	Peak	Vertical																																																																																																																																																																																																											

Spurious Emissions, Tx Mode, 1GHz ~ 5GHz

