

Appendix B: Test Results of Radiation Emissions & Mains

Conducted Emission

Band Edges, 4.5GHz ~ 5.15GHz

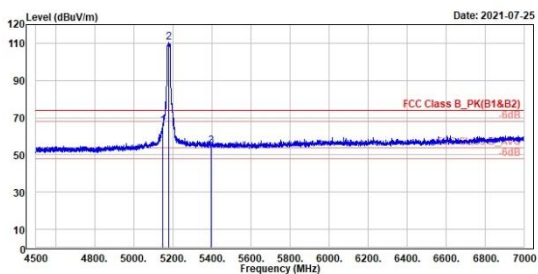
U-NII-1

802.11a

CH 36 (Horizontal) Peak



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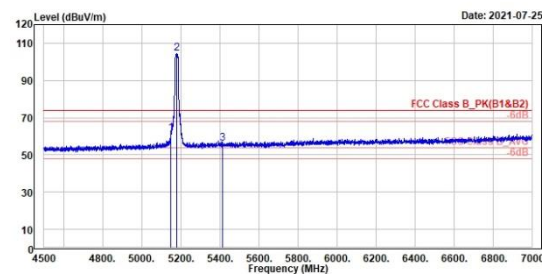


	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dBuV/m	dB	cm	deg			
1	5149.33	65.68	22.88	42.00	-8.32	295	11	Peak	Horizontal	
2 *	5108.00	110.27	67.27	43.00	74.00	36.27	295	11	Peak	Horizontal
3	5396.89	54.67	11.07	43.00	74.00	-19.33	205	11	Peak	Horizontal

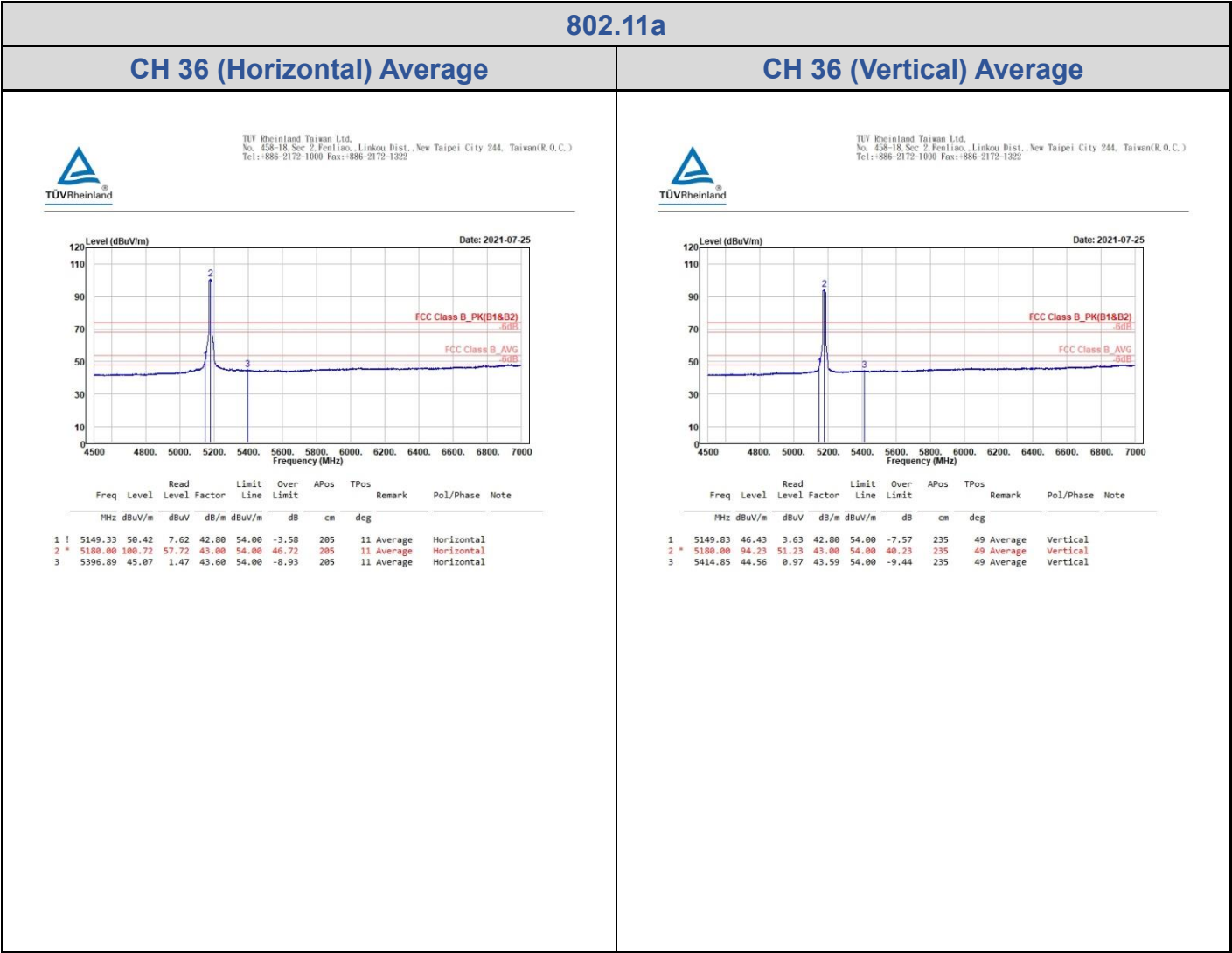
CH 36 (Vertical) Peak

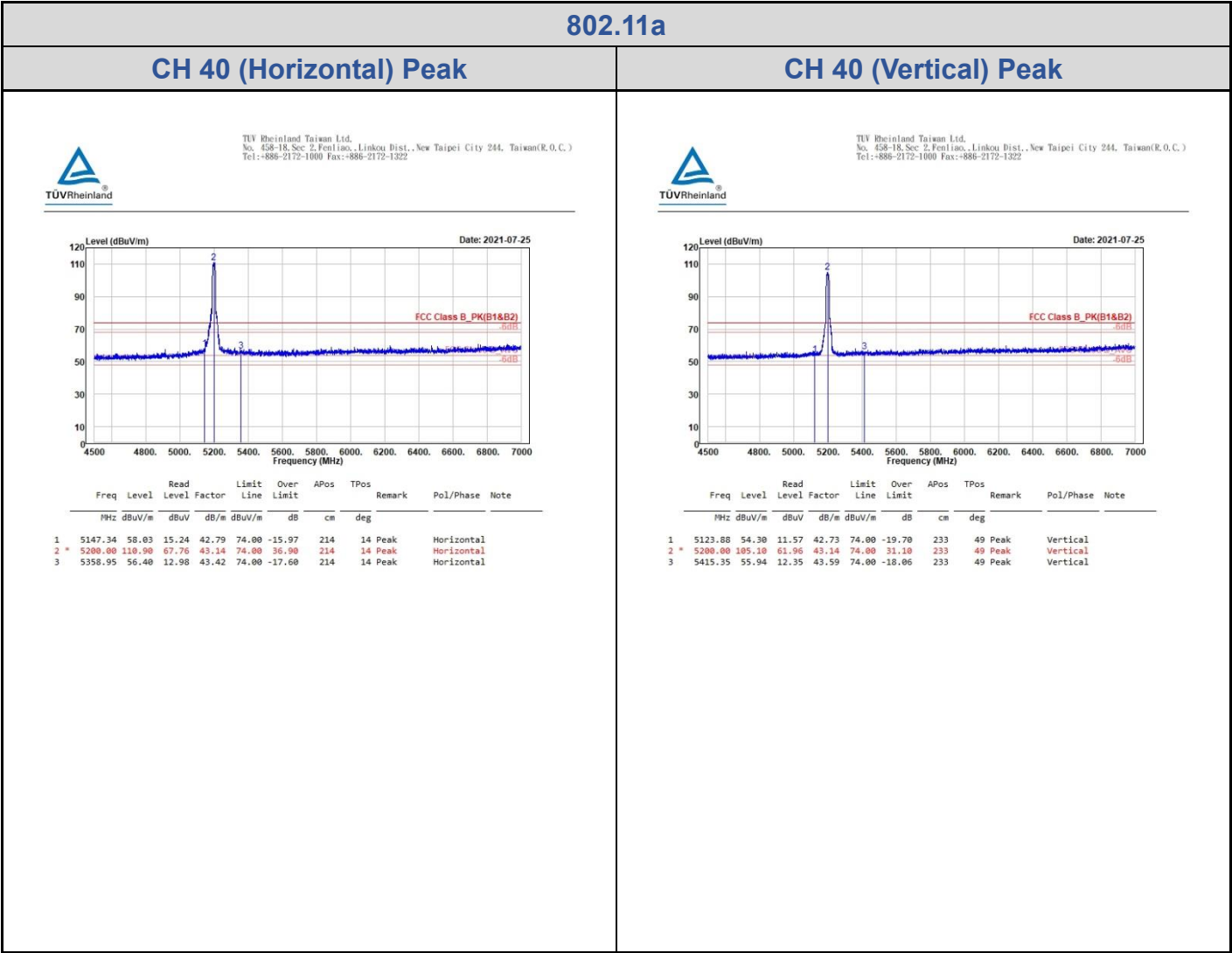


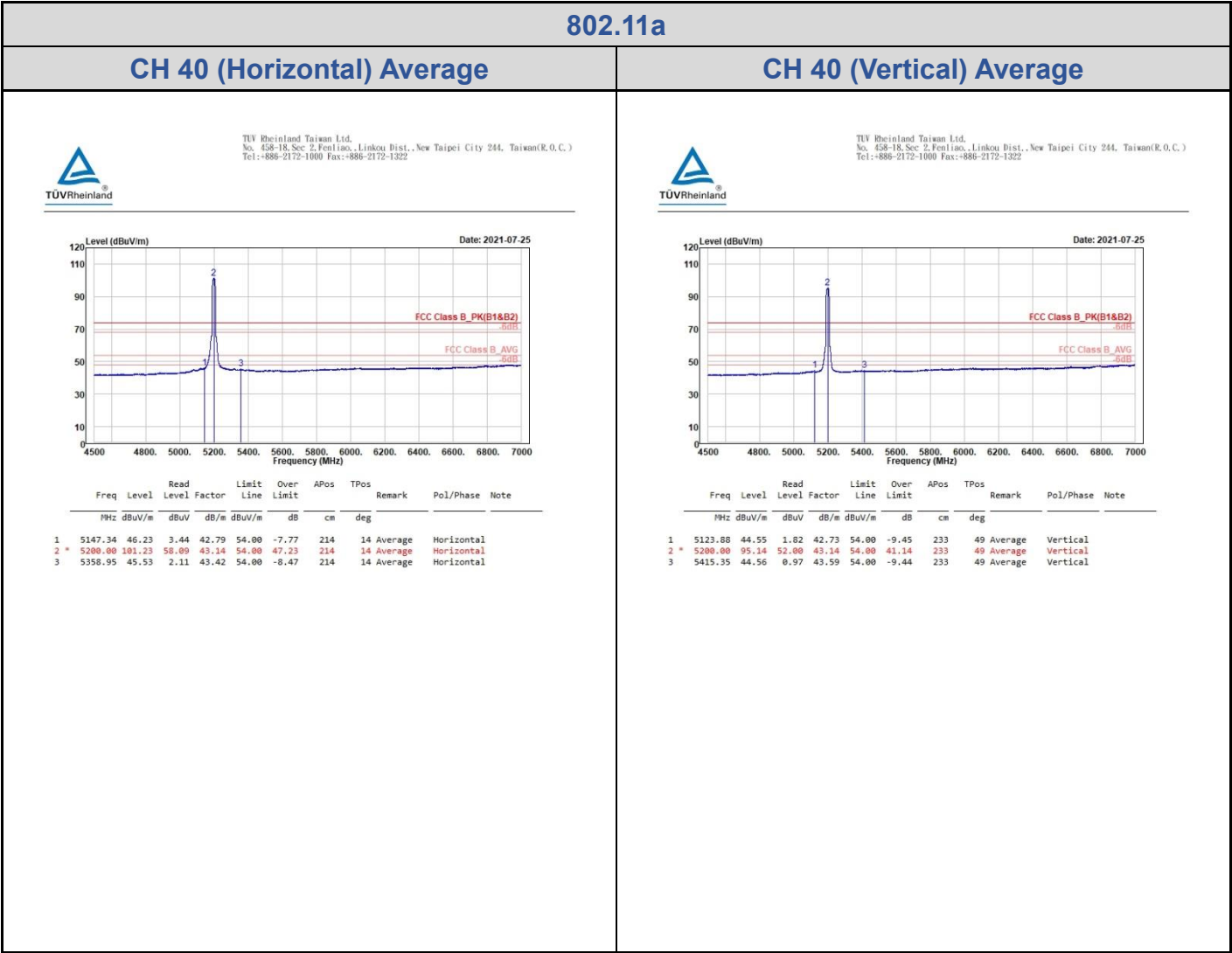
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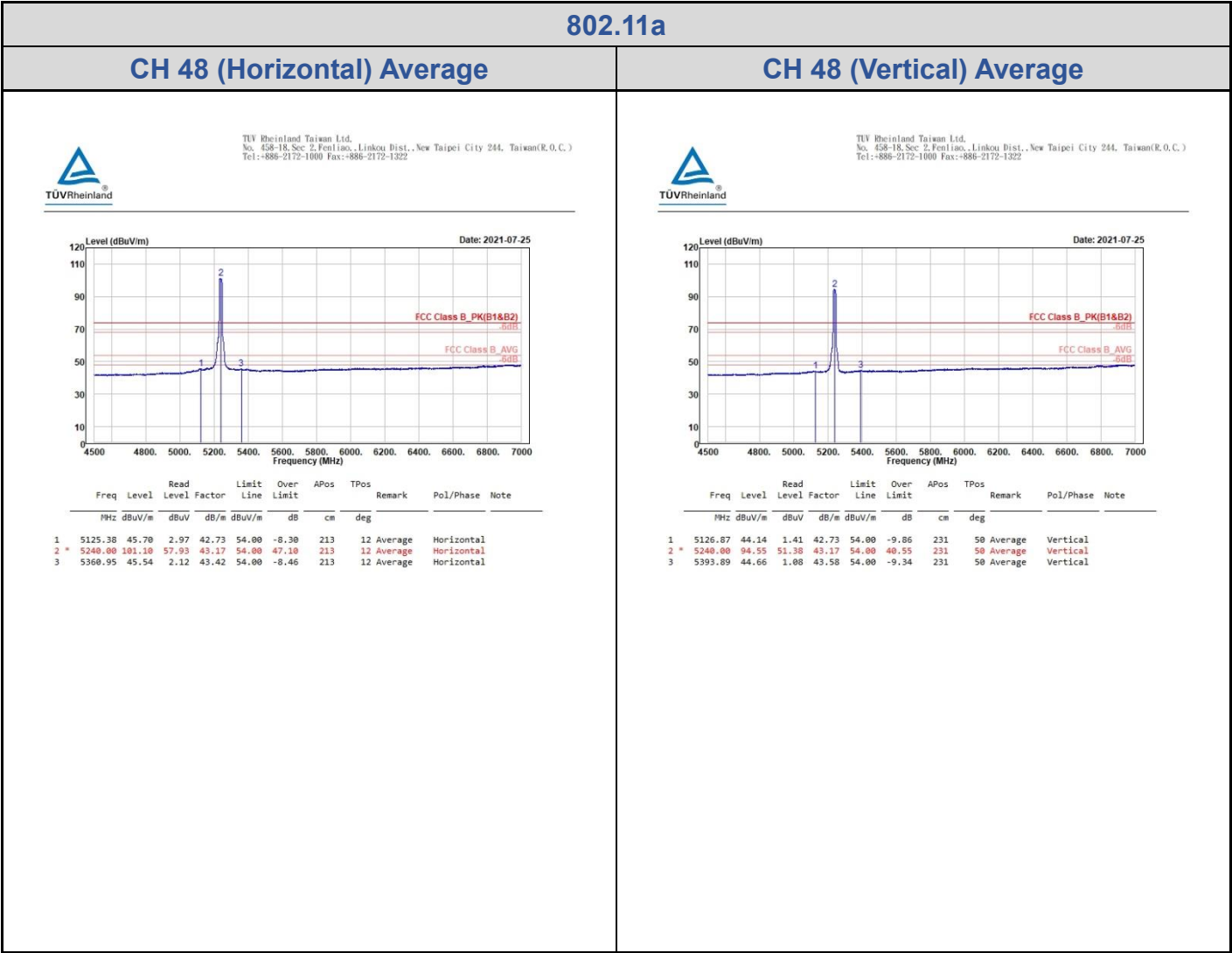
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dBuV/m	dB	cm	deg			
1	5149.83	61.53	18.73	42.00	-12.47	235	49	Peak	Vertical	
2 *	5108.00	104.30	61.30	43.00	74.00	30.30	235	49	Peak	Vertical
3	5414.85	56.32	12.73	43.59	74.00	-17.68	235	49	Peak	Vertical

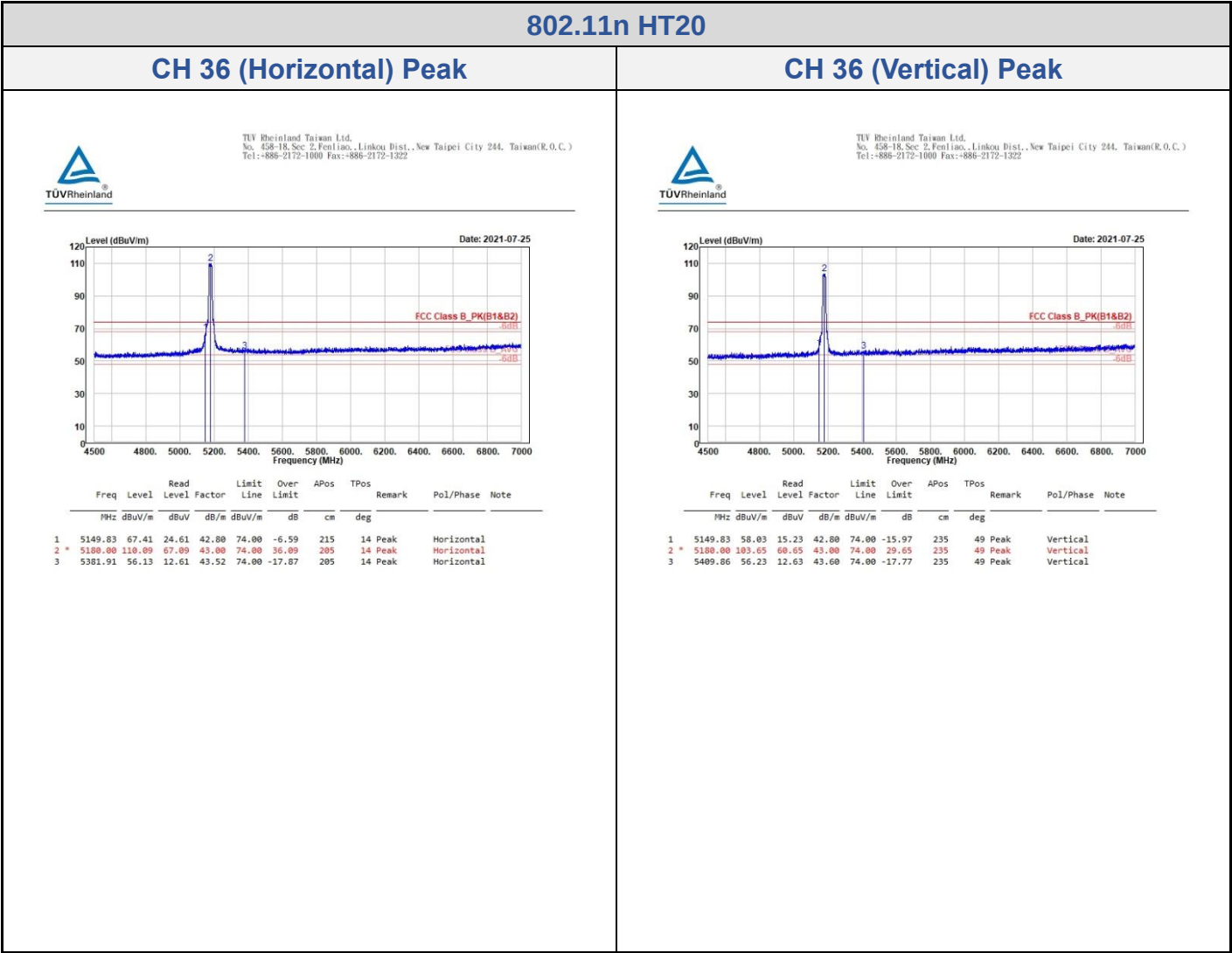


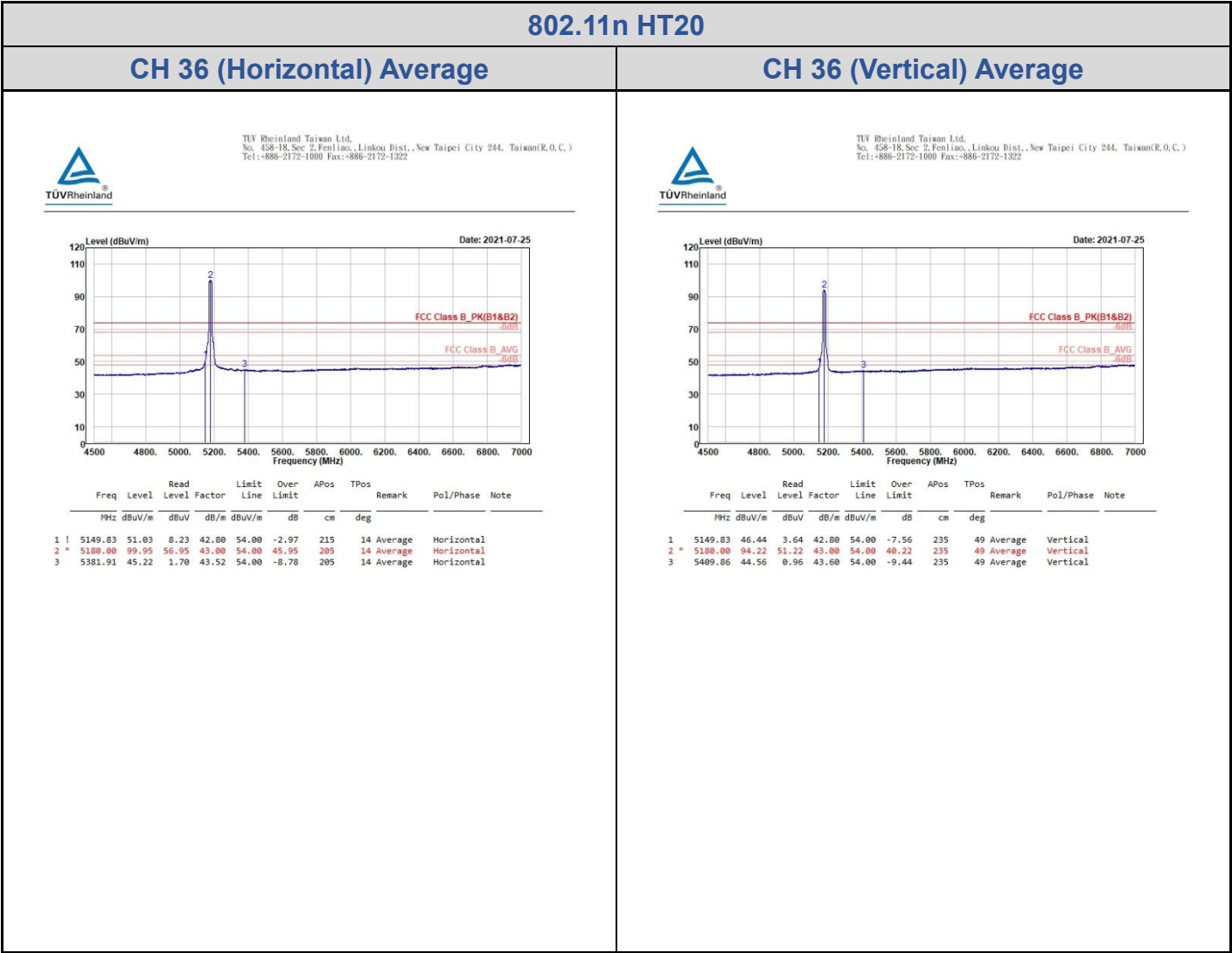


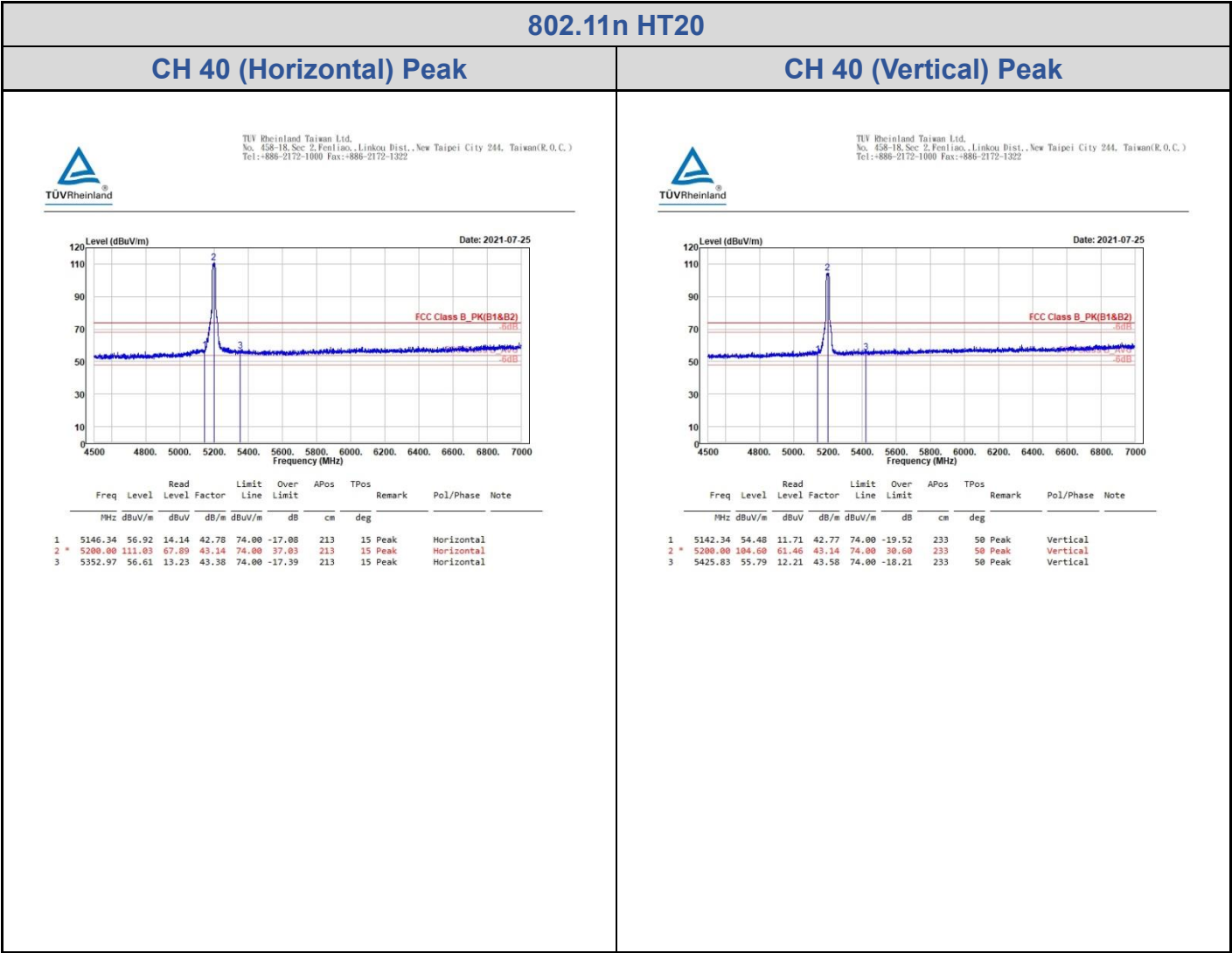


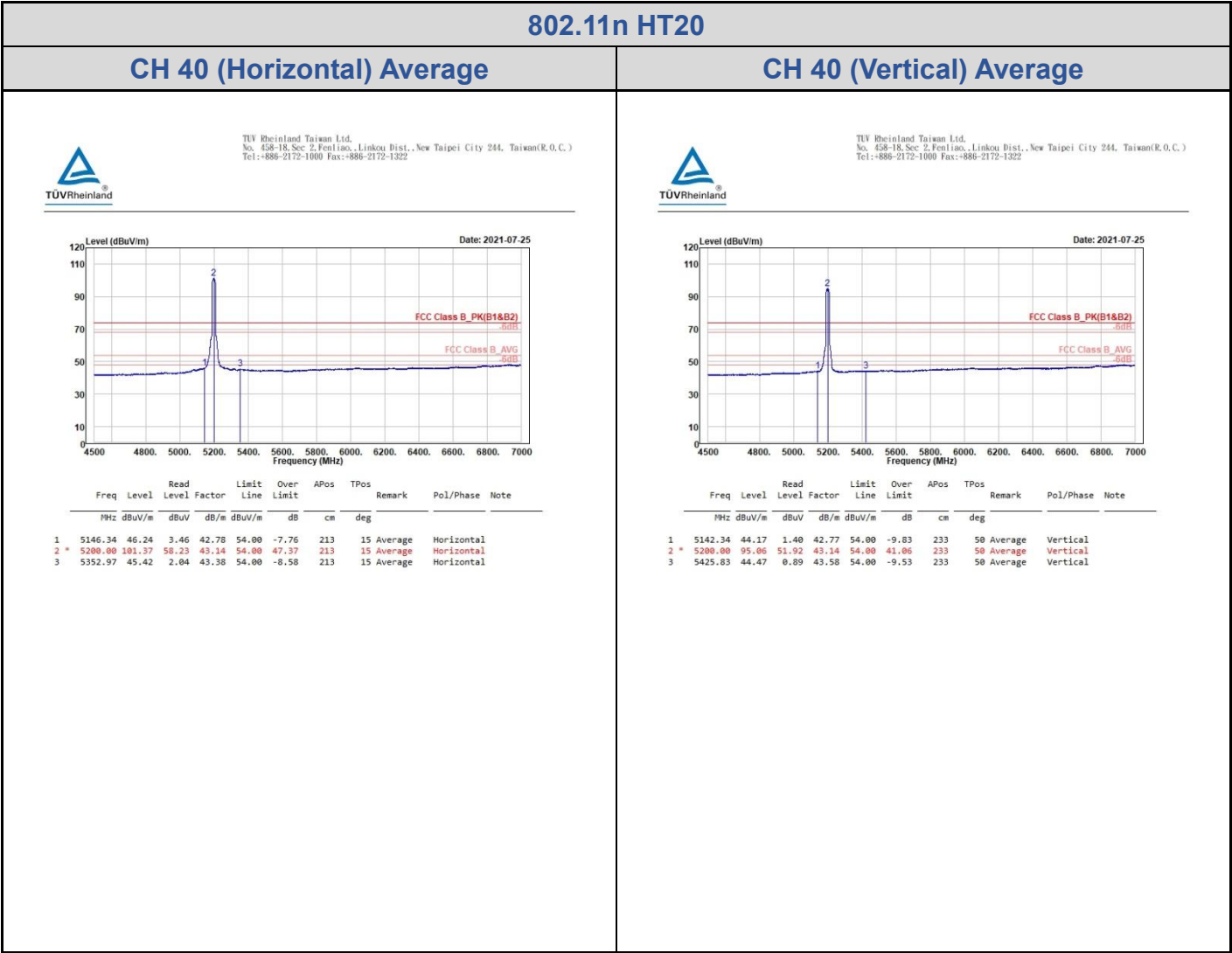
	Freq	Level	Read Level	Line Factor	Limit Level	Over Limit	Apos	Tpos	Remark	Pol/Phase	Note
	Hz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5126.87	54.83	12.10	42.73	74.00	-19.17	231	50	Peak	Vertical	
2 *	5240.00	104.18	61.01	45.17	74.00	30.18	231	50	Peak	Vertical	
3	5393.89	54.69	11.11	43.58	74.00	-19.31	231	50	Peak	Vertical	

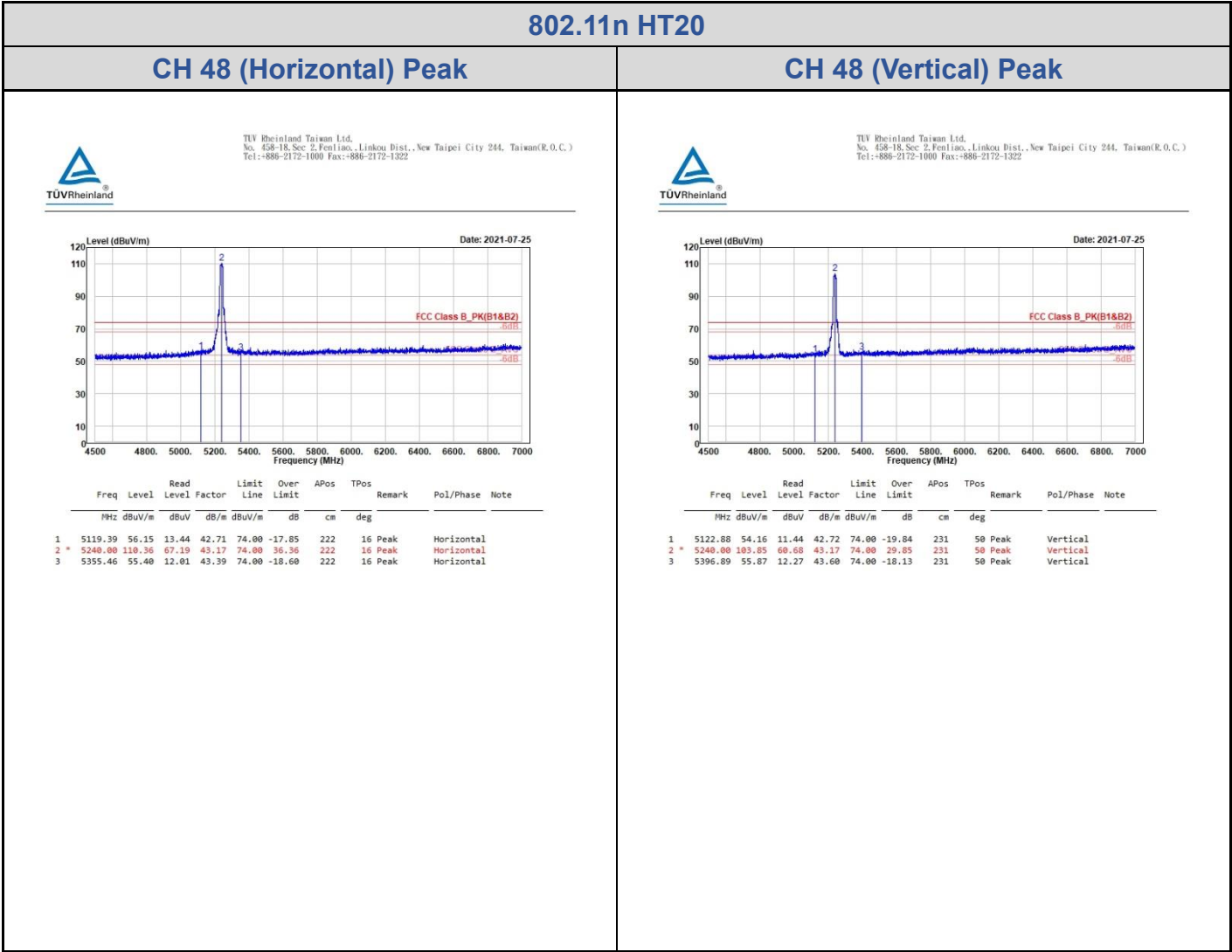










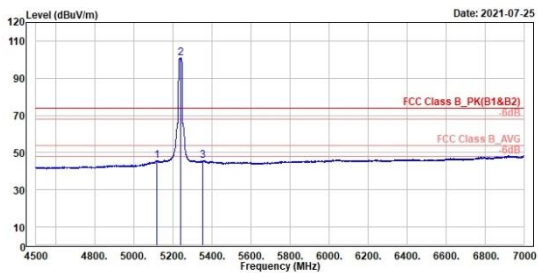


802.11n HT20

CH 48 (Horizontal) Average



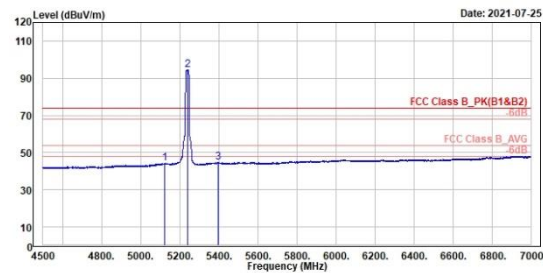
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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5119.39	45.67	2.96	42.71	54.00	-8.33	222	16	Average	Horizontal	
2 *	5240.00	100.82	57.65	43.17	54.00	46.82	222	16	Average	Horizontal	
3	5355.46	45.63	2.24	43.39	54.00	-8.37	222	16	Average	Horizontal	

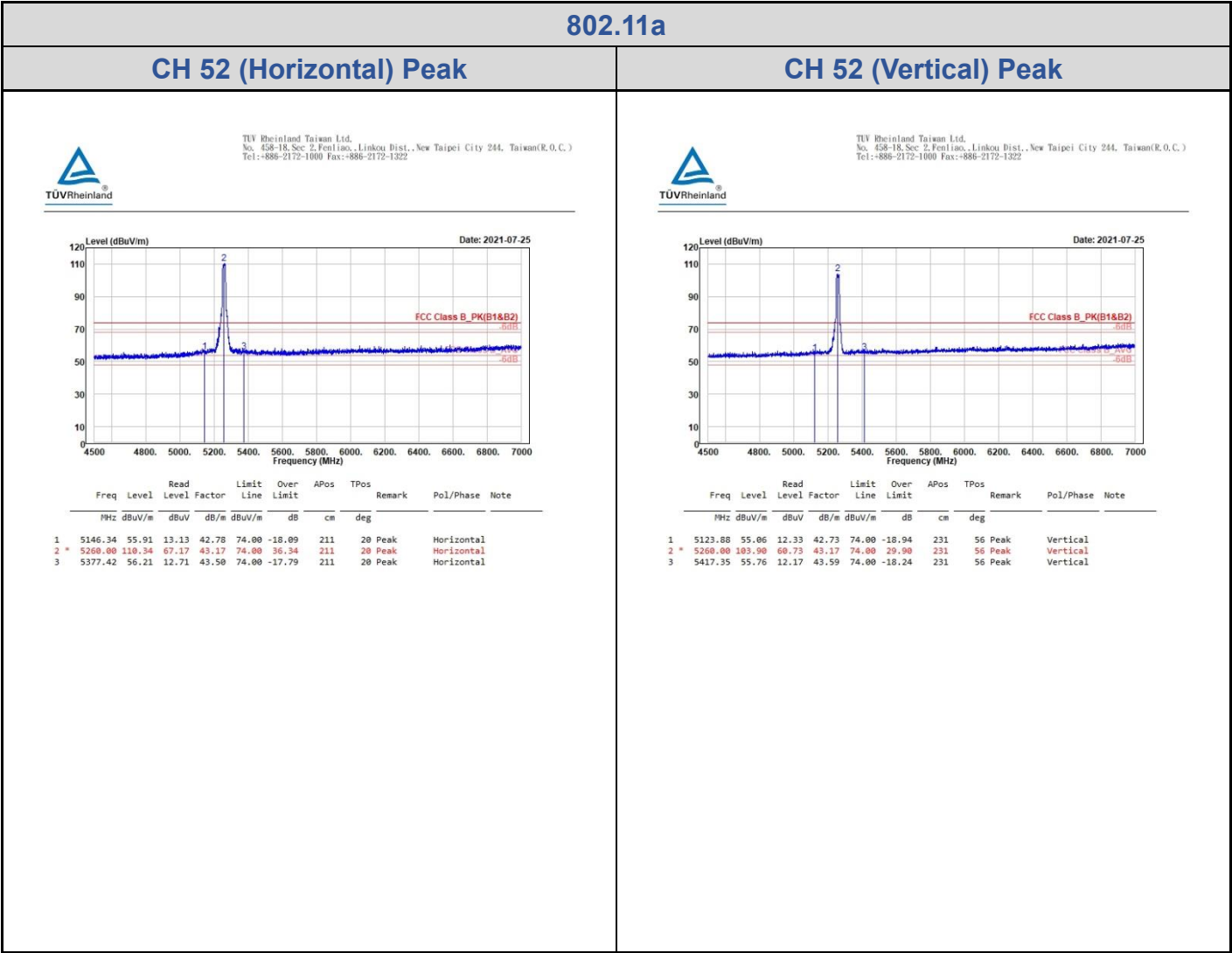


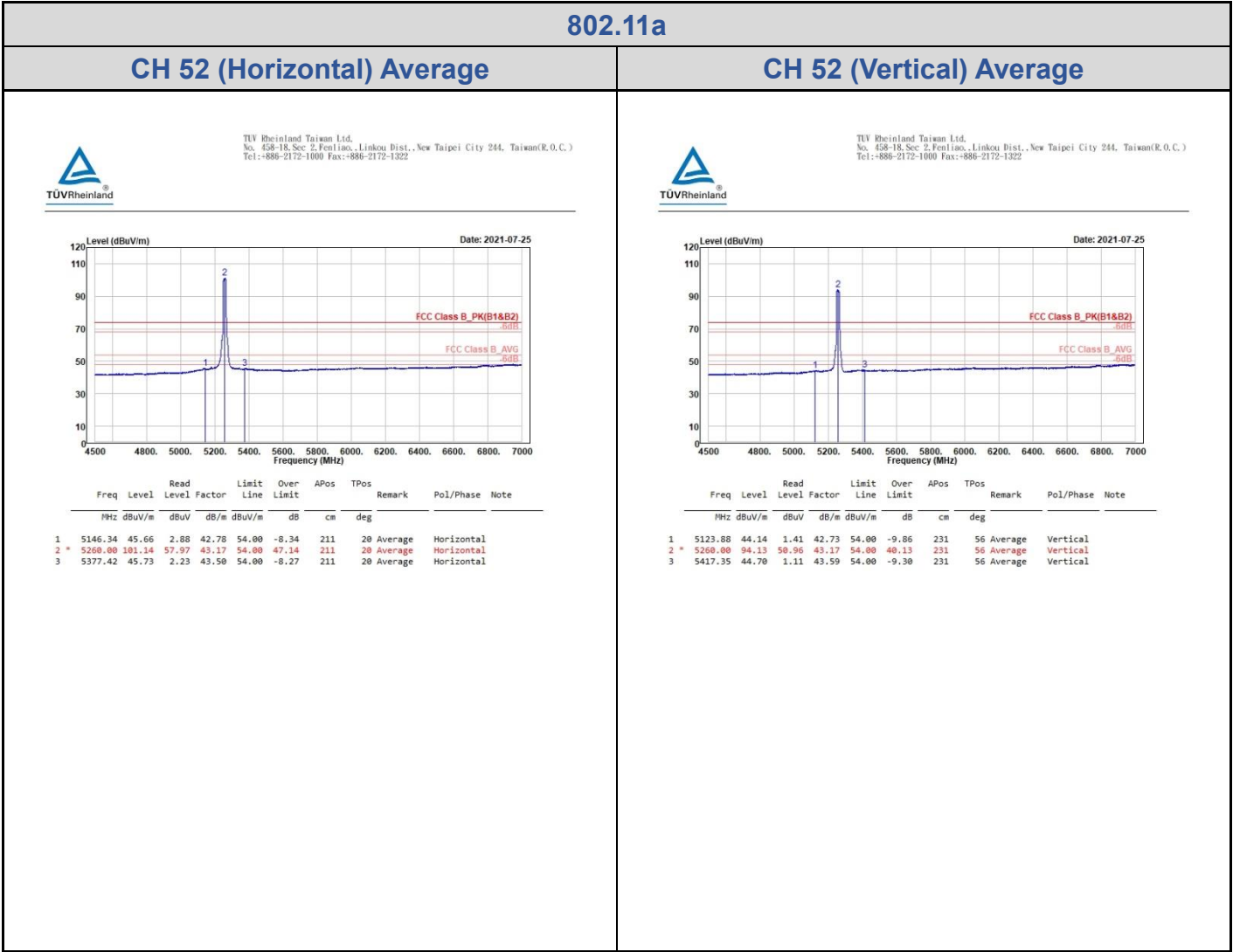
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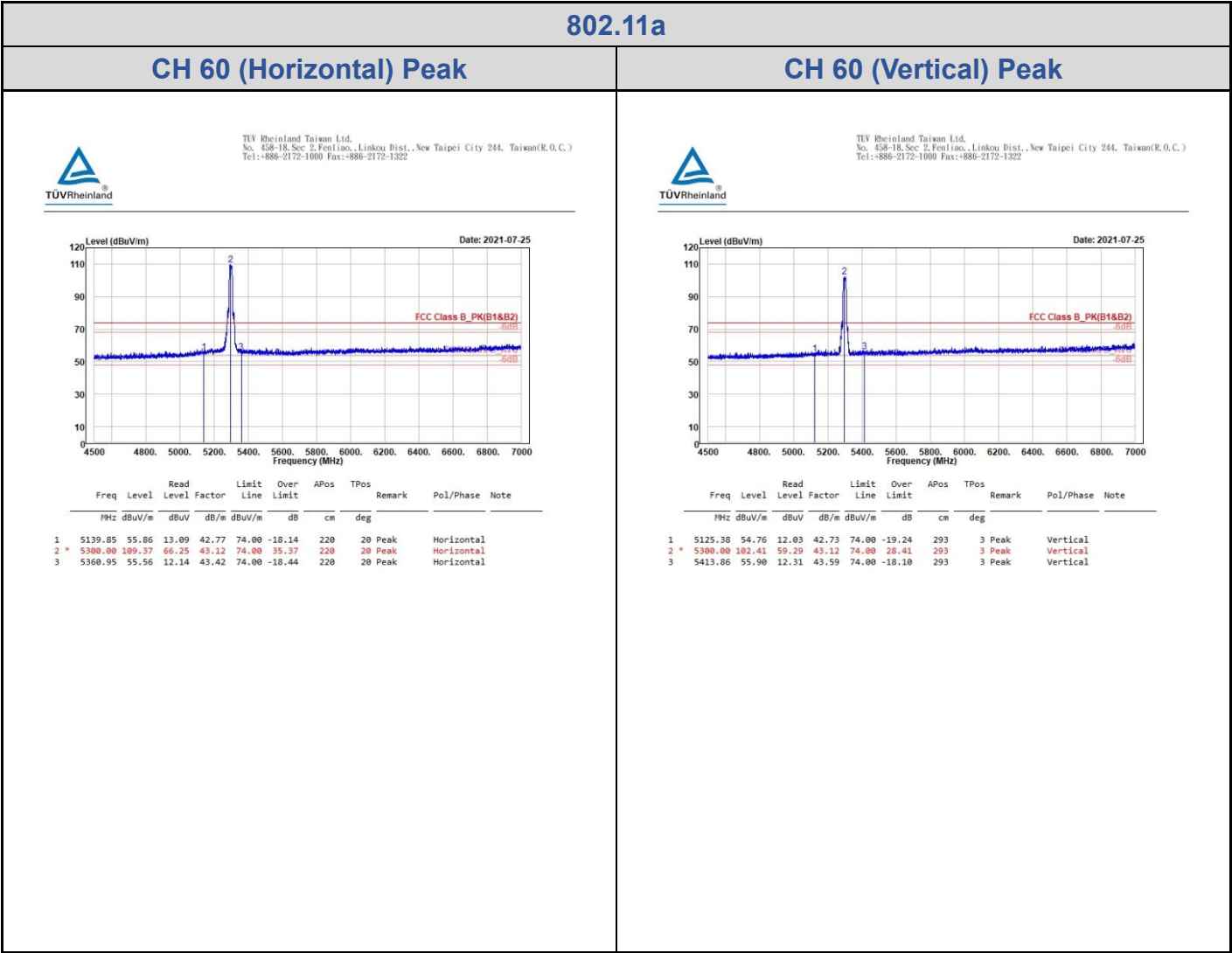


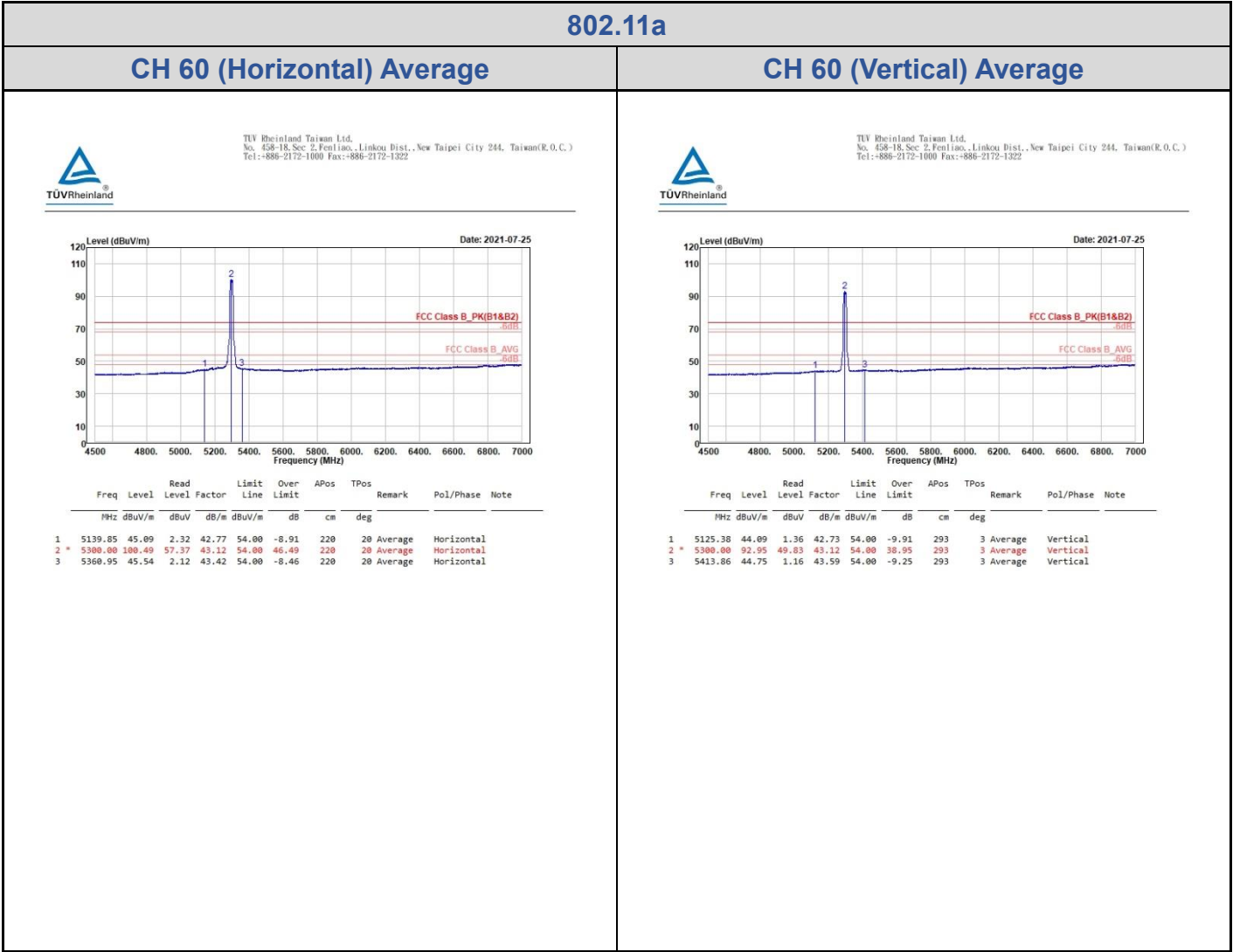
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5122.88	44.27	1.55	42.72	54.00	-9.73	231	50	Average	Vertical	
2 *	5240.00	94.58	51.41	43.17	54.00	40.58	231	50	Average	Vertical	
3	5396.89	44.73	1.13	43.60	54.00	-9.27	231	50	Average	Vertical	

Band Edges, 5.35GHz
U-NII-2A









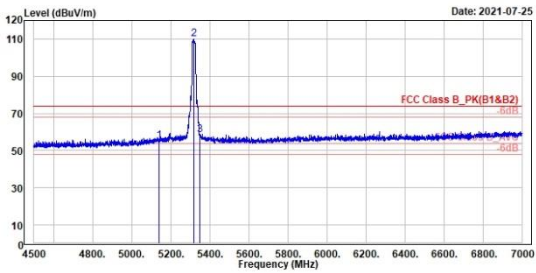
802.11a

CH 64 (Horizontal) Peak

CH 64 (Vertical) Peak



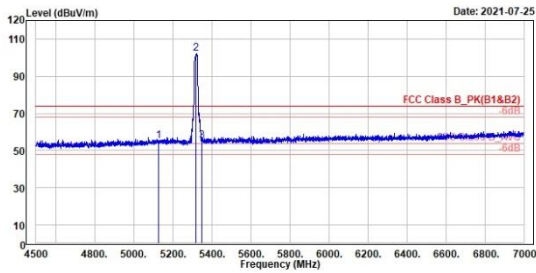
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	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5143.34	55.08	12.30	42.78	74.00	-18.92	217	18	Peak	Horizontal	
2 *	5328.00	110.07	66.85	43.22	74.00	36.07	217	18	Peak	Horizontal	
3	5350.97	58.56	15.19	43.37	74.00	-15.44	217	18	Peak	Horizontal	



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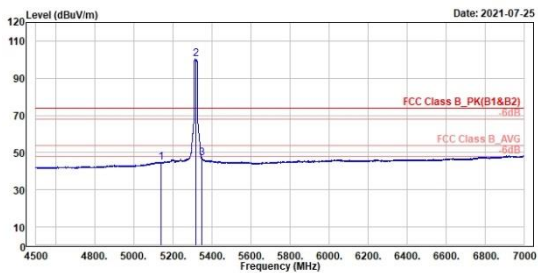
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5130.37	55.07	12.33	42.74	74.00	-18.93	290	12	Peak	Vertical	
2 *	5328.00	102.00	58.78	43.22	74.00	28.00	290	12	Peak	Vertical	
3	5349.97	55.26	11.89	43.37	74.00	-18.74	290	12	Peak	Vertical	

802.11a

CH 64 (Horizontal) Average



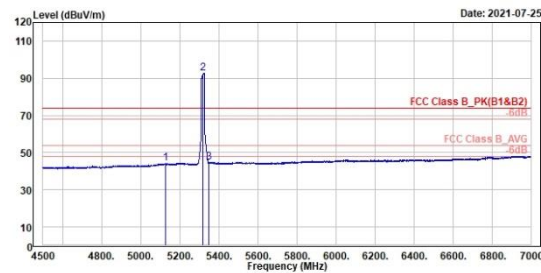
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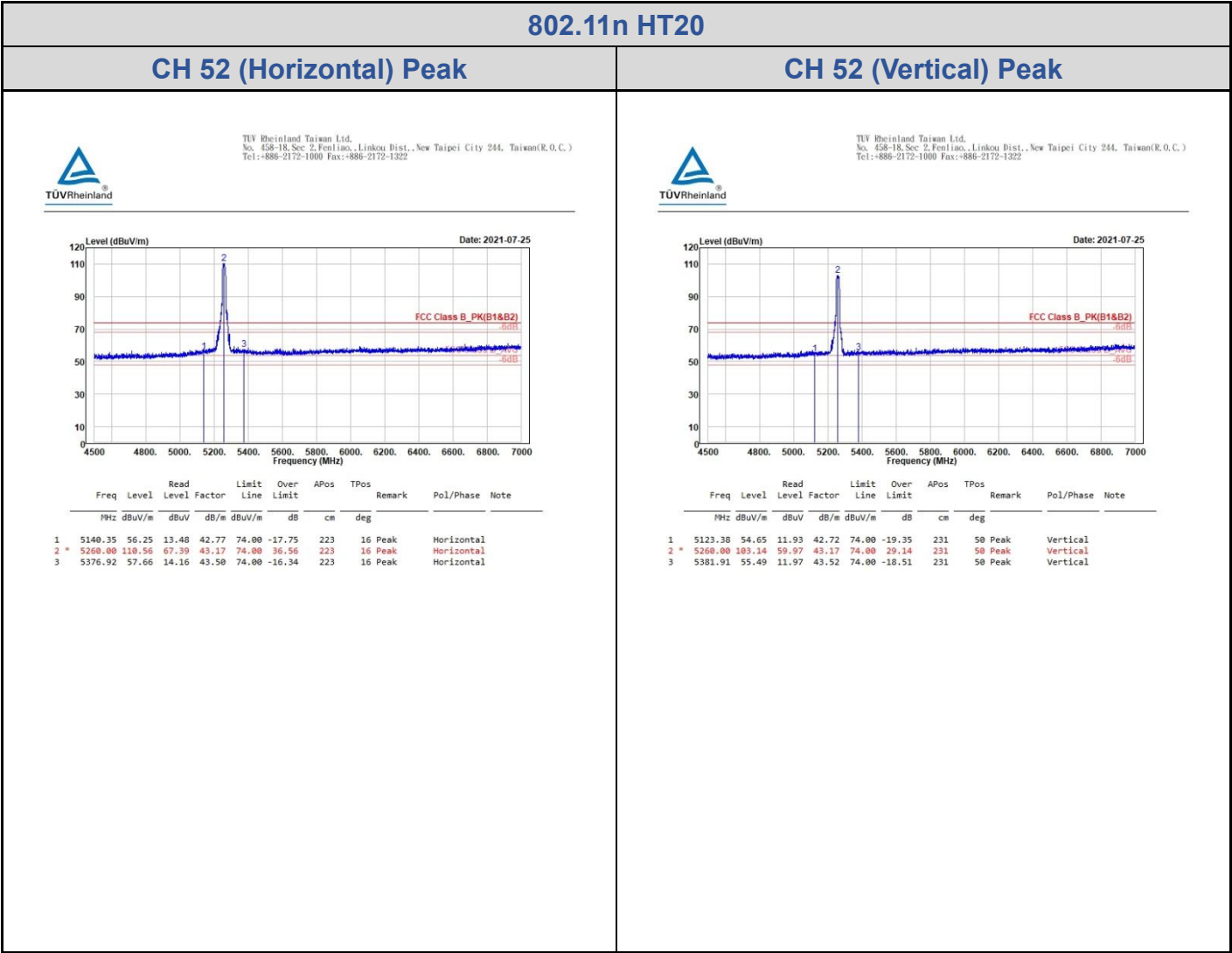
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5143.34	44.88	2.10	42.78	54.00	-9.12	217	18	Average	Horizontal	
2 *	5328.00	100.18	56.96	43.22	54.00	46.18	217	18	Average	Horizontal	
3	5350.97	46.78	3.41	43.37	54.00	-7.22	217	18	Average	Horizontal	

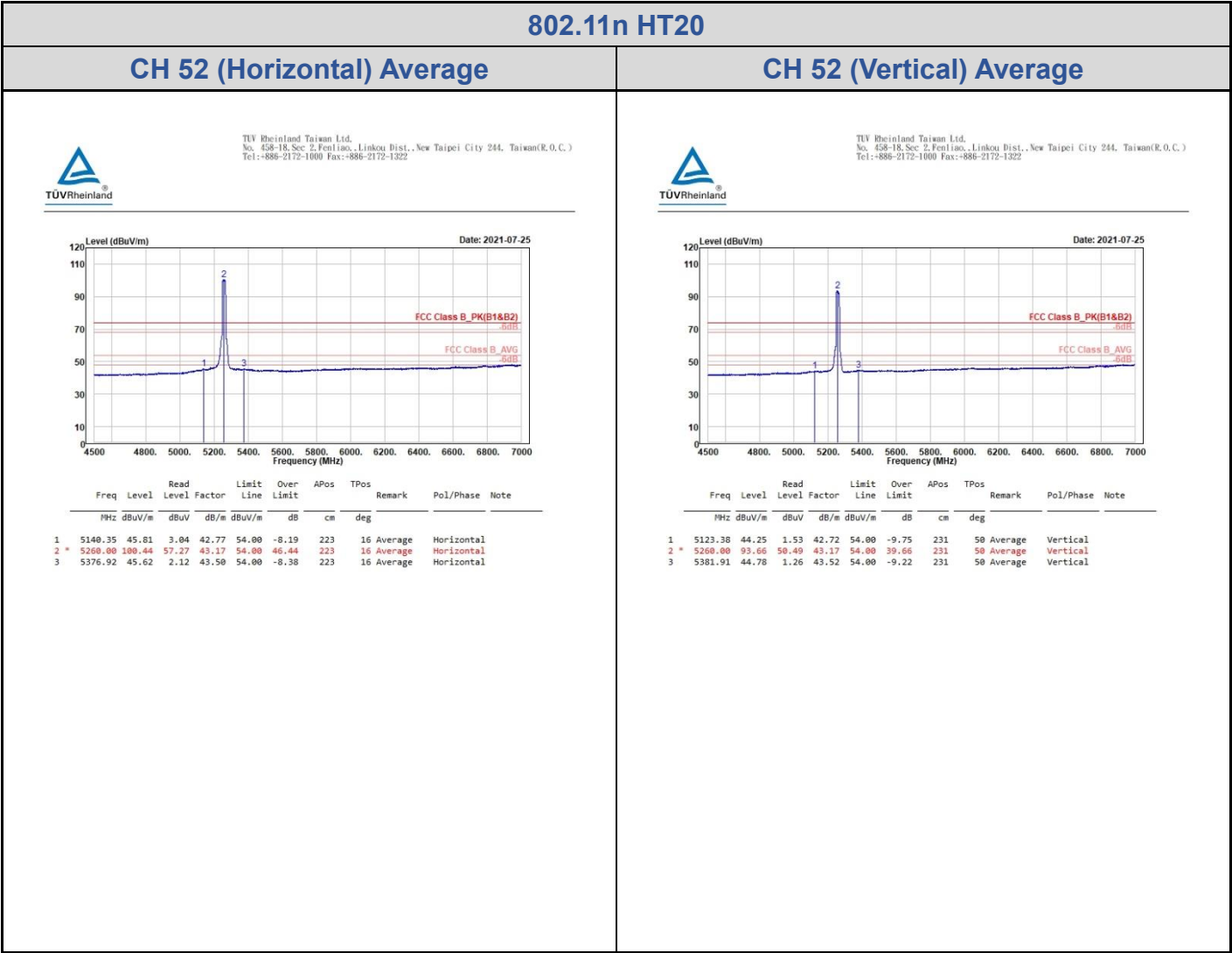


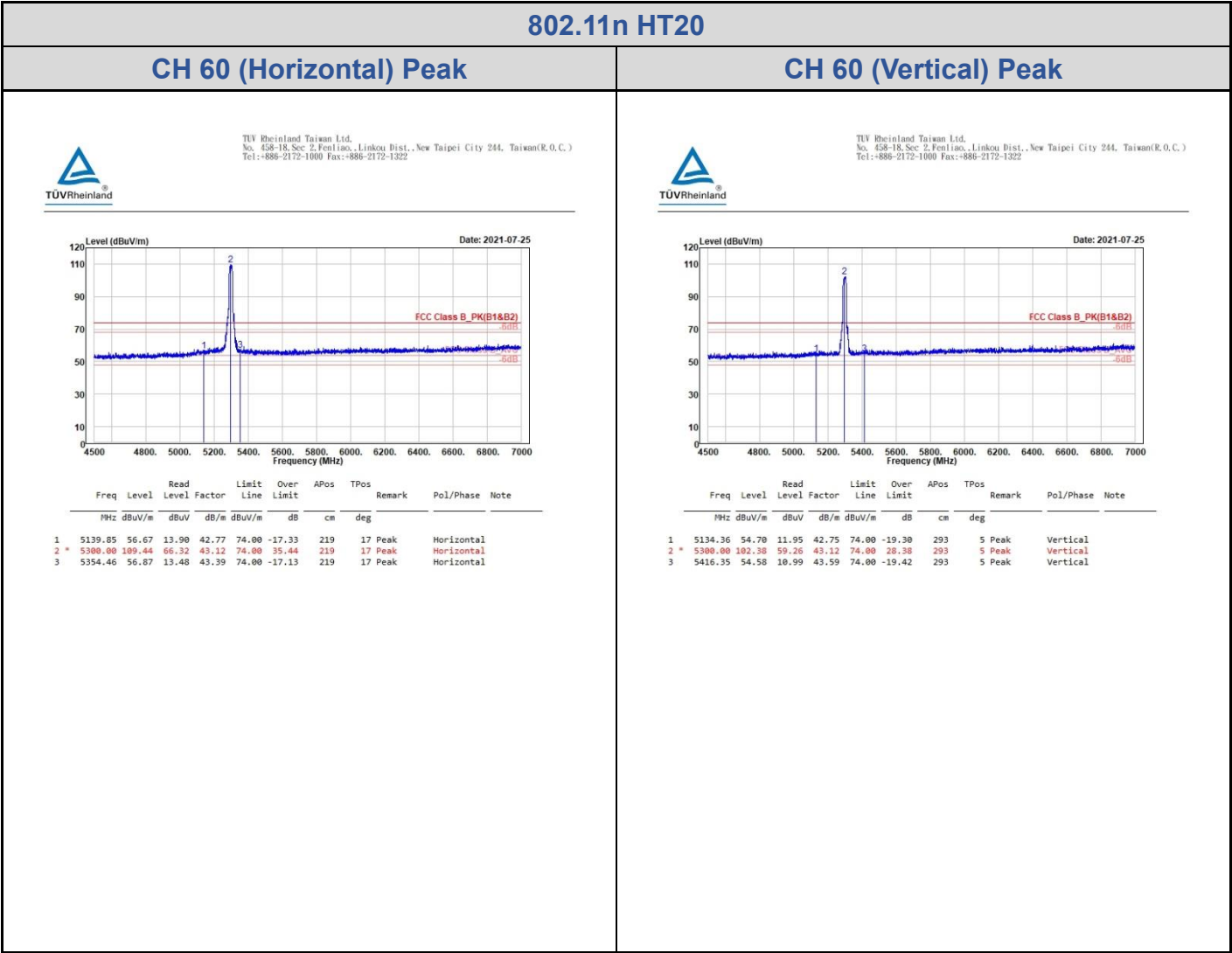
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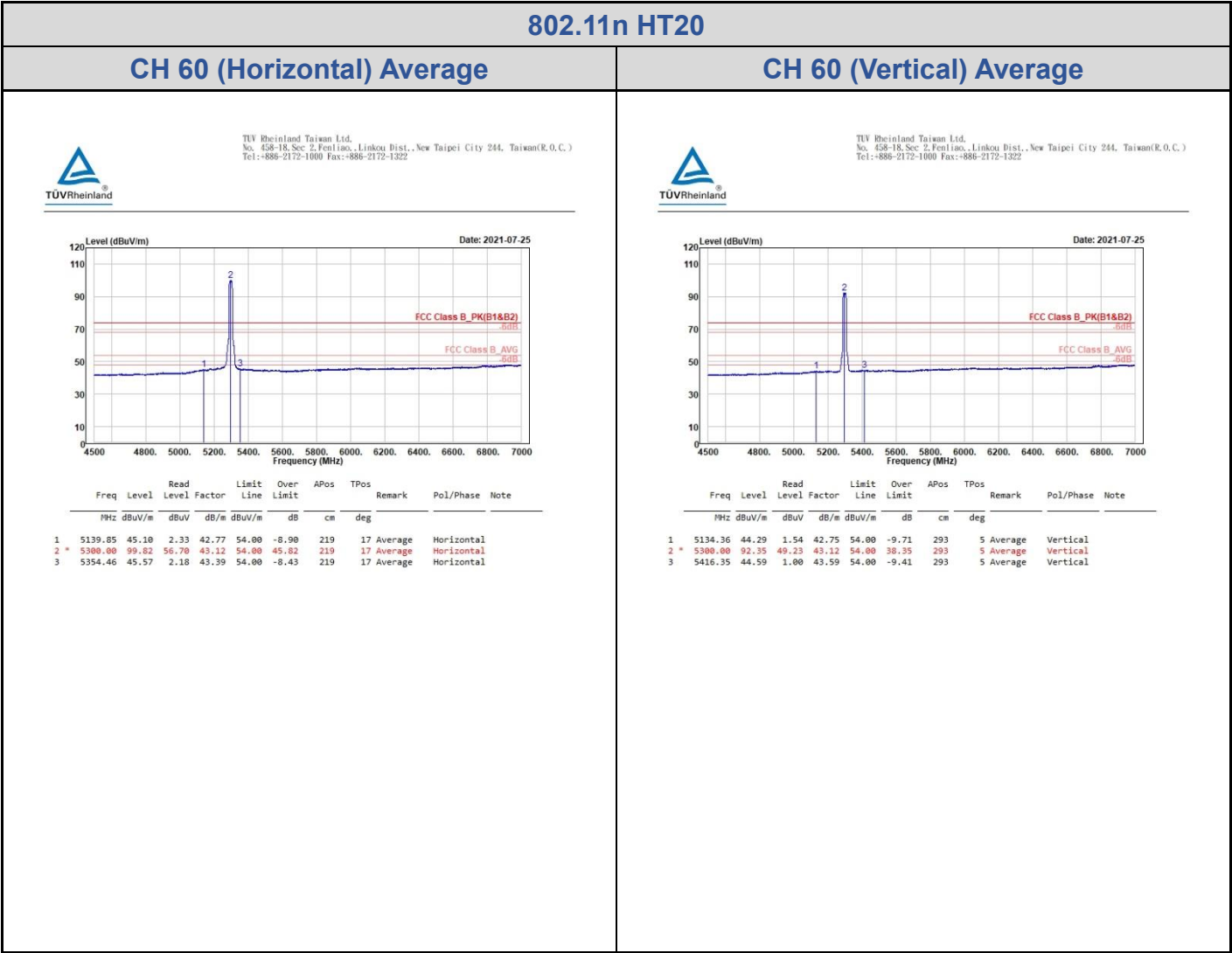


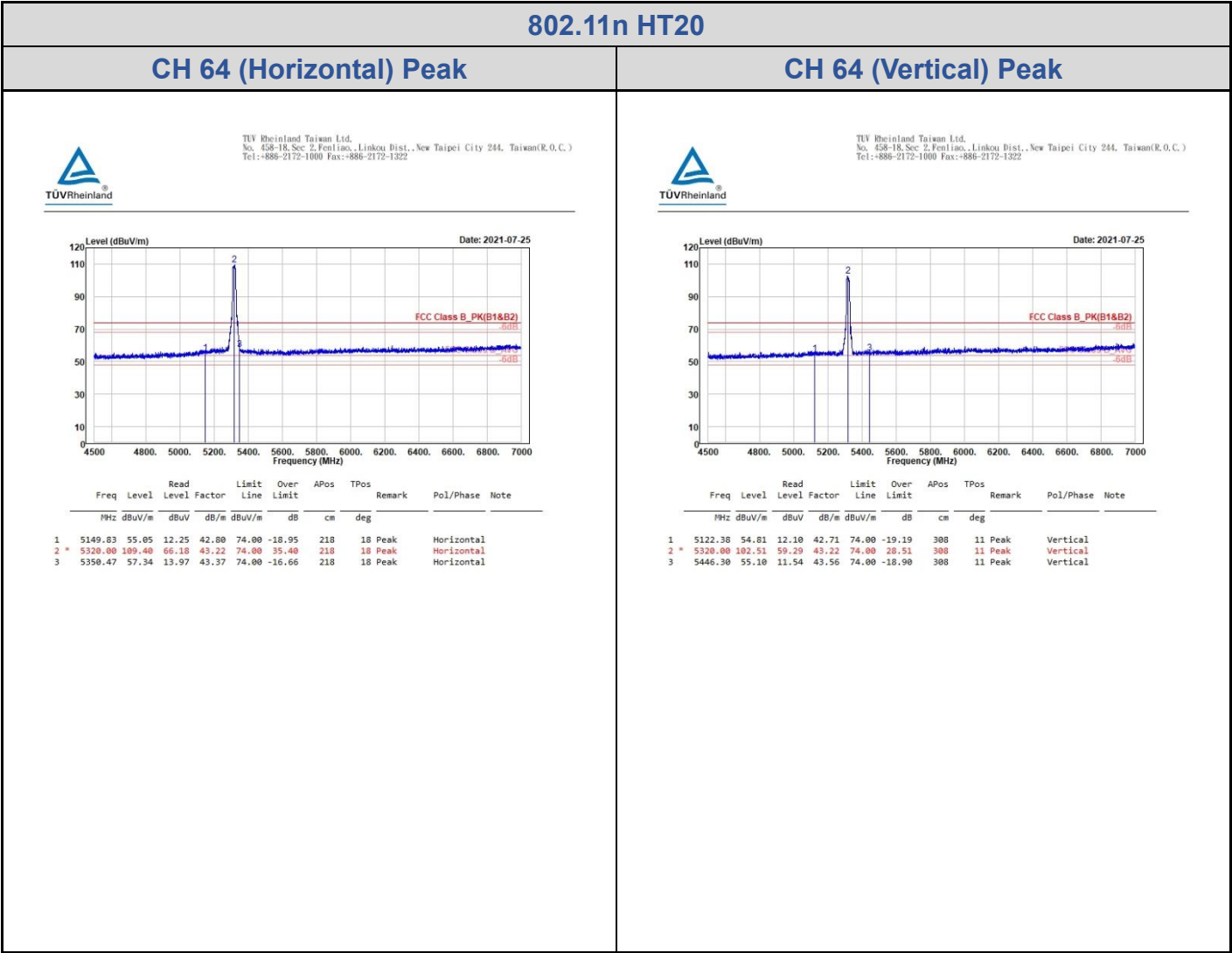
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5130.37	44.15	1.41	42.74	54.00	-9.85	290	12	Average	Vertical	
2 *	5328.00	92.61	49.39	43.22	54.00	38.61	290	12	Average	Vertical	
3	5349.97	44.80	1.43	43.37	54.00	-9.20	290	12	Average	Vertical	





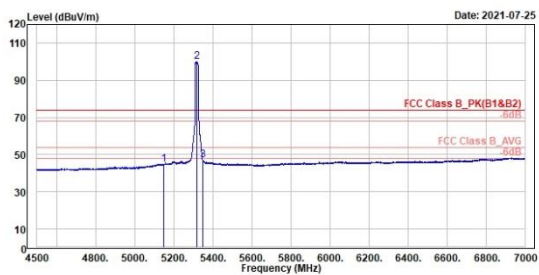




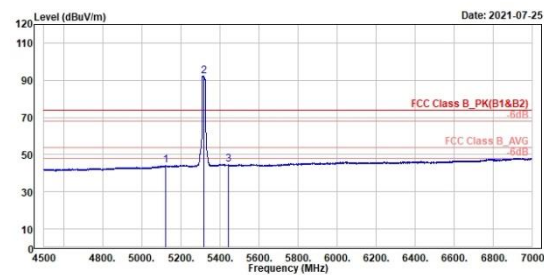


802.11n HT20
CH 64 (Horizontal) Average

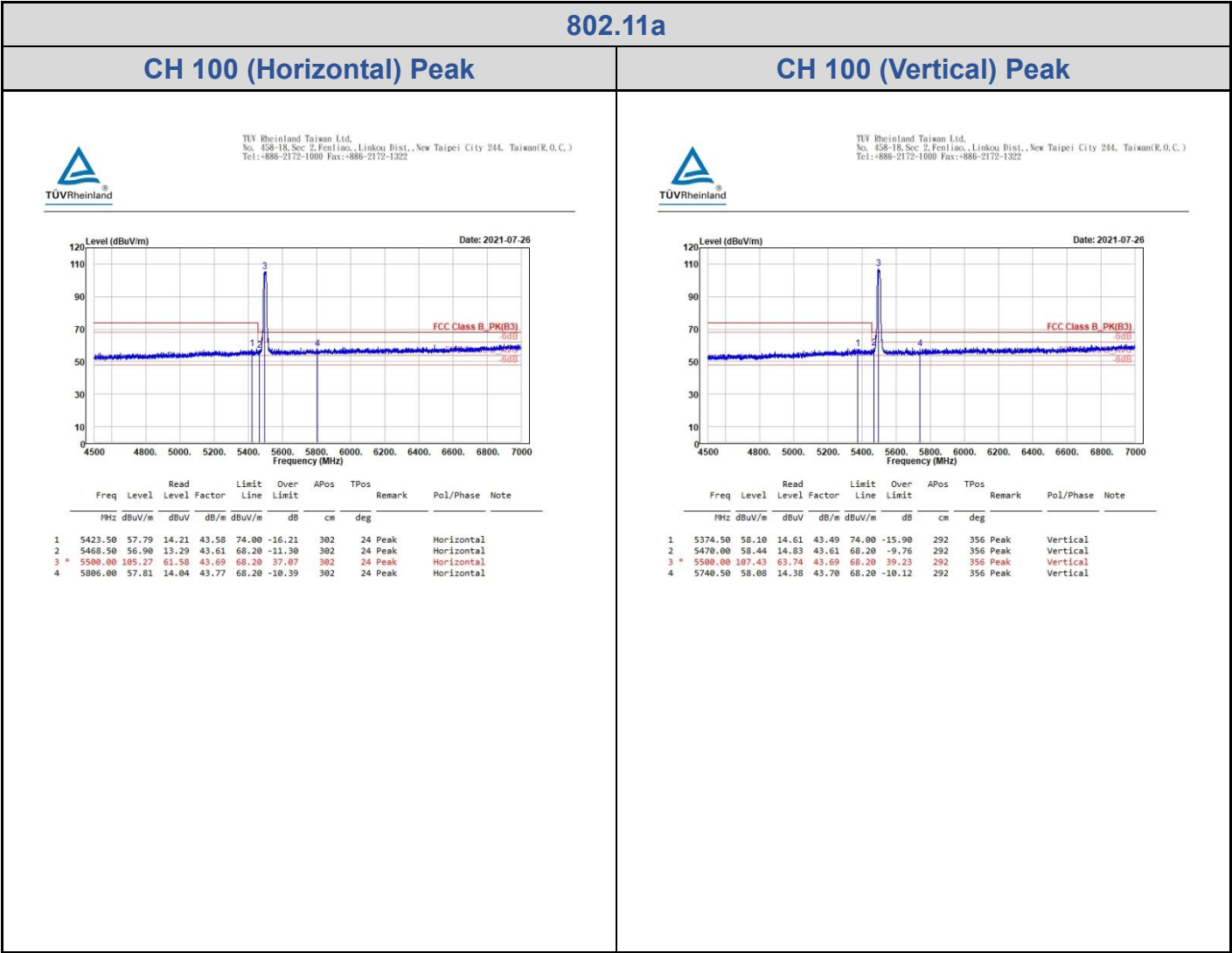

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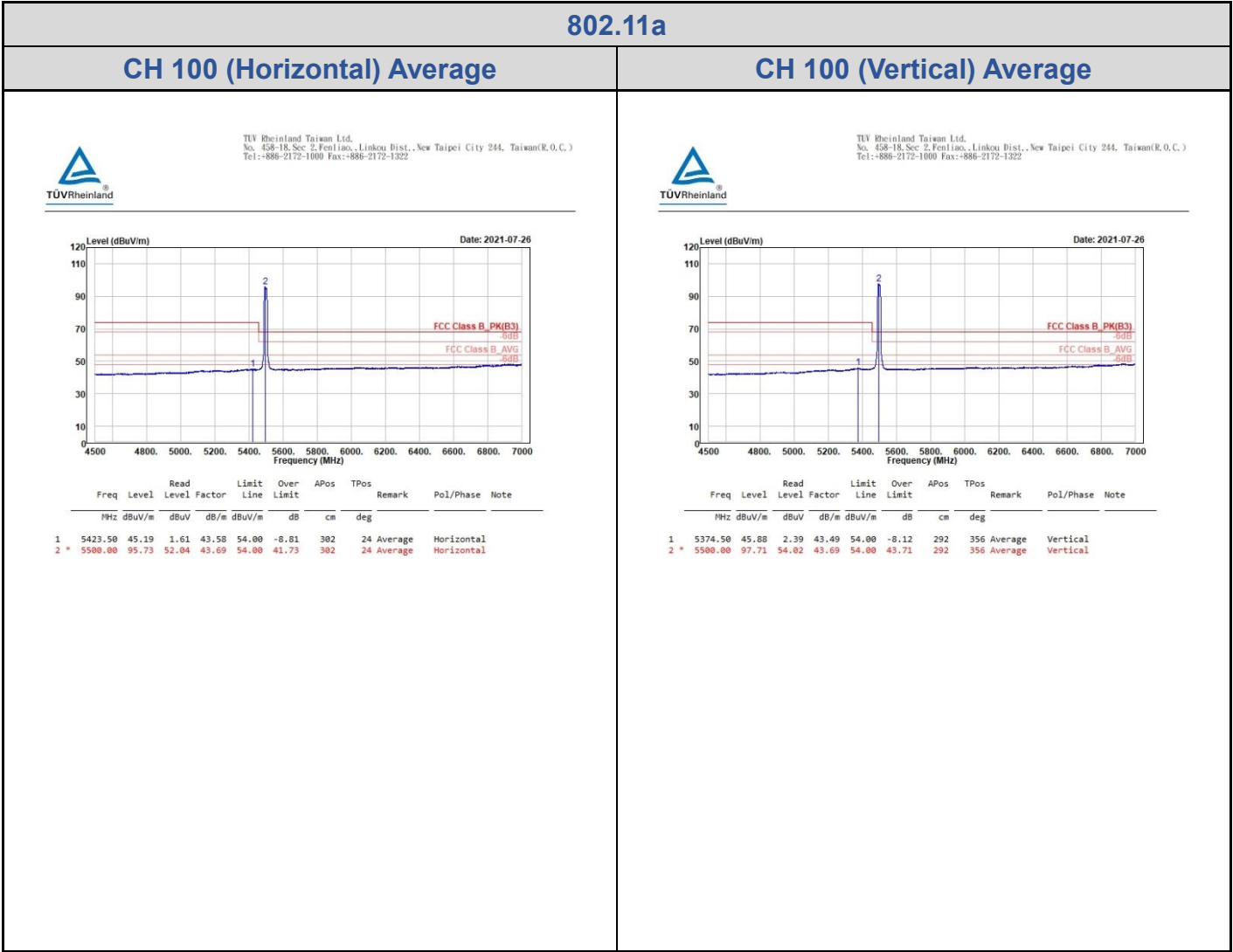


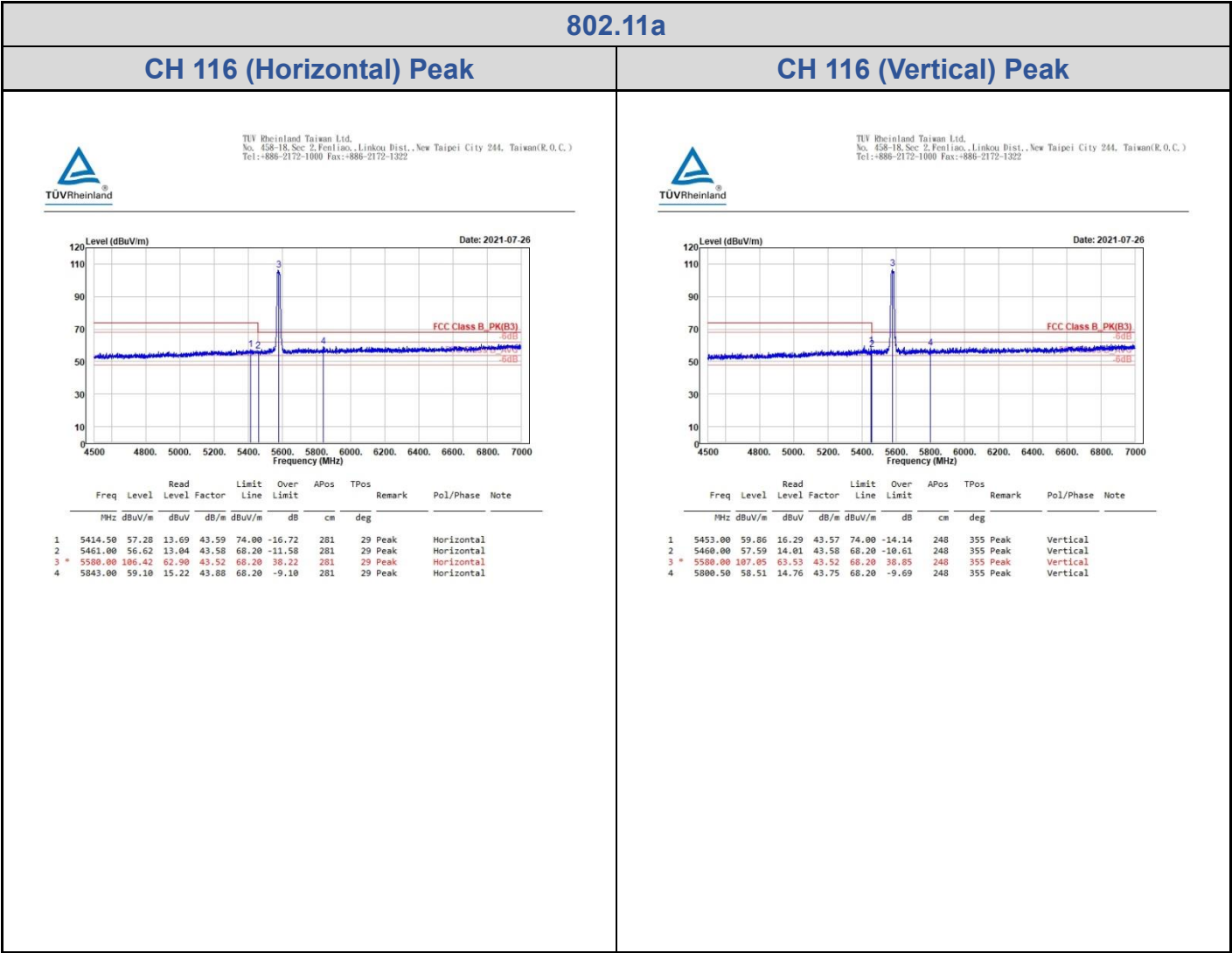
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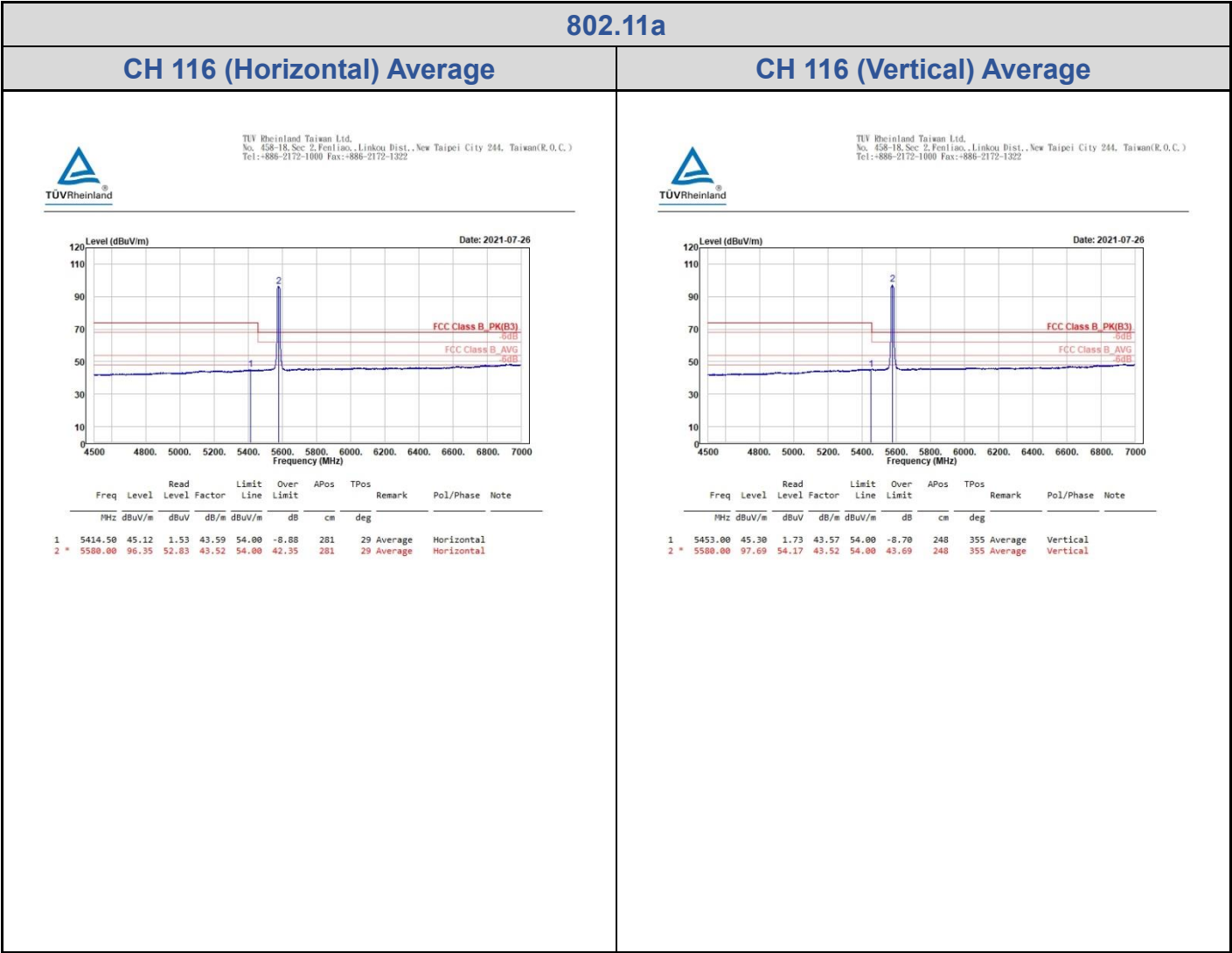


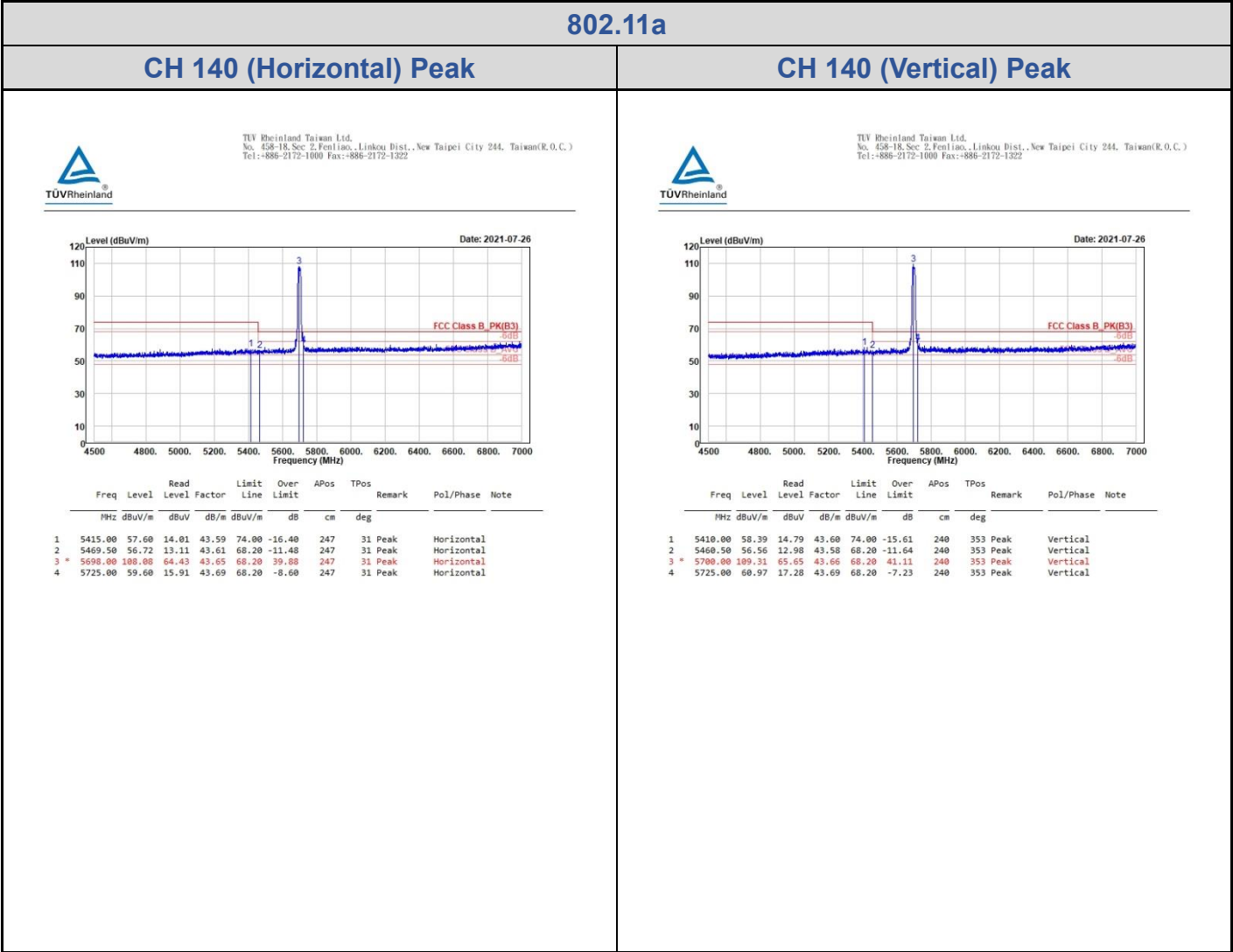
Band Edges, 5.3GHz ~ 5.47GHz, 5.725GHz
U-NII-2C











	Freq	Level	Rad Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5410.00	45.00	1.40	43.60	54.00	-9.00	240	353	Average	Vertical	
2 *	5709.00	99.00	55.34	43.66	54.00	45.00	240	353	Average	Vertical	