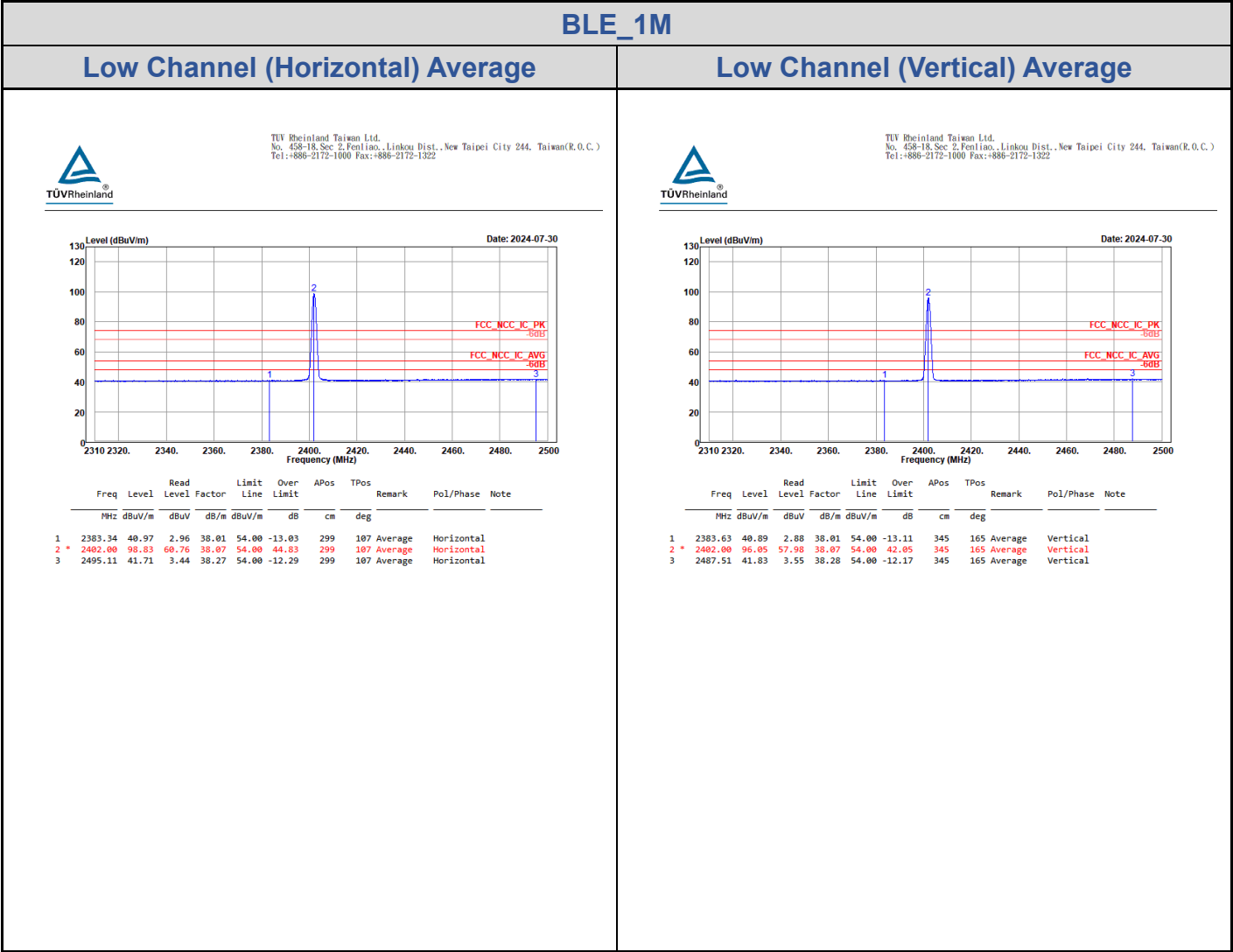


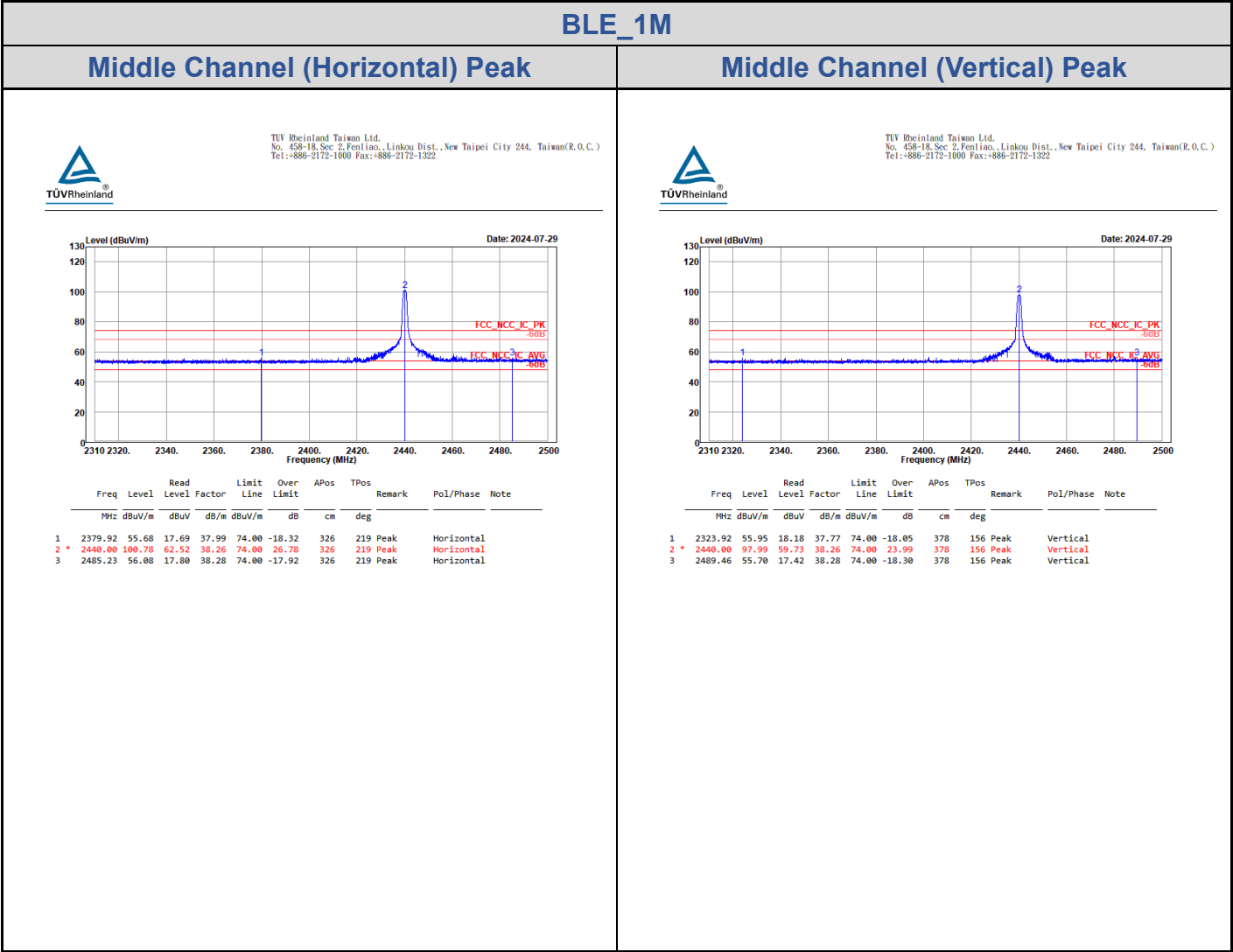
Appendix D: Test Results of Radiated Spurious Emissions & Mains

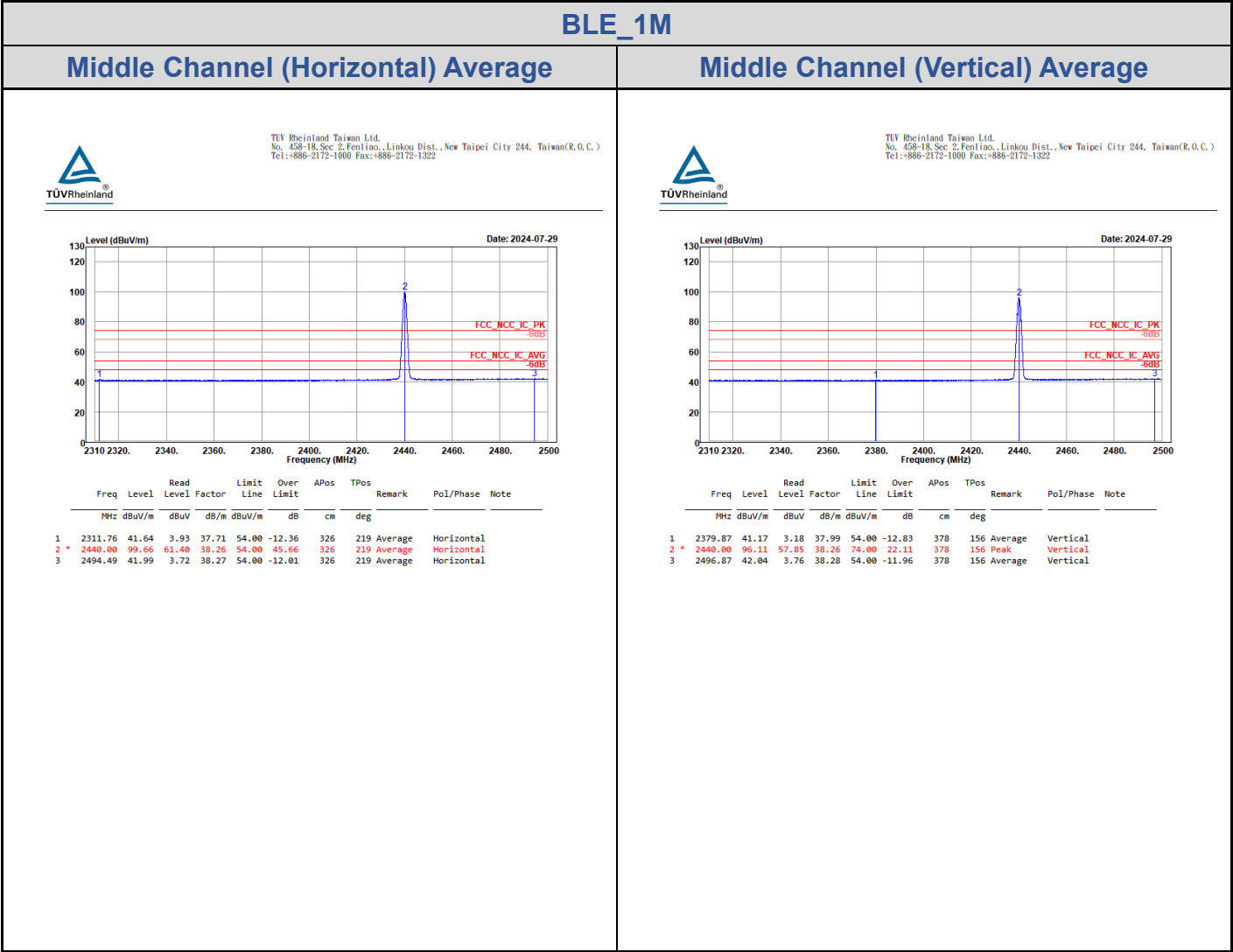
Radiated Emission Test for Series Model No. DK-9182D

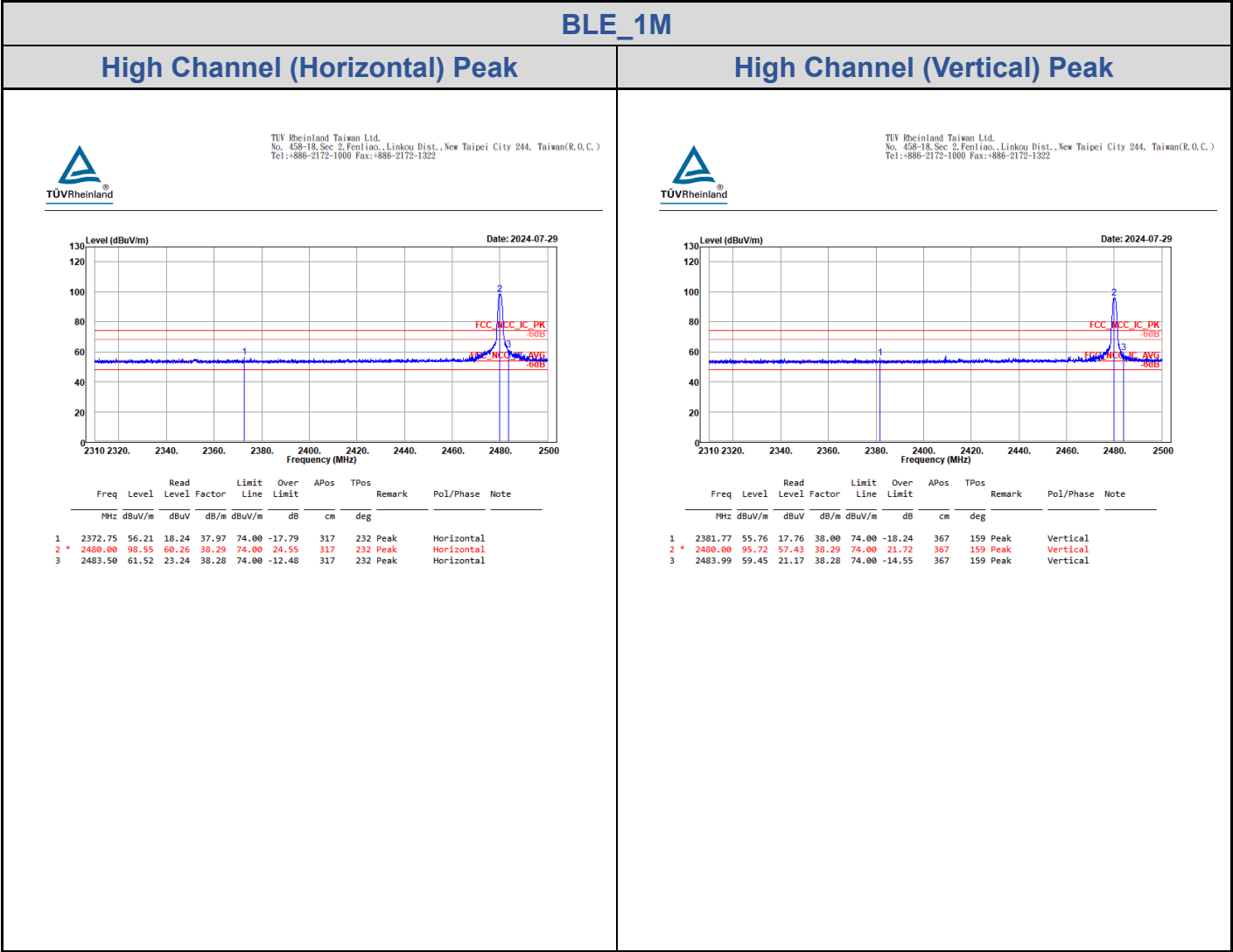
Band Edges, 2.31GHz ~ 2.5GHz

<

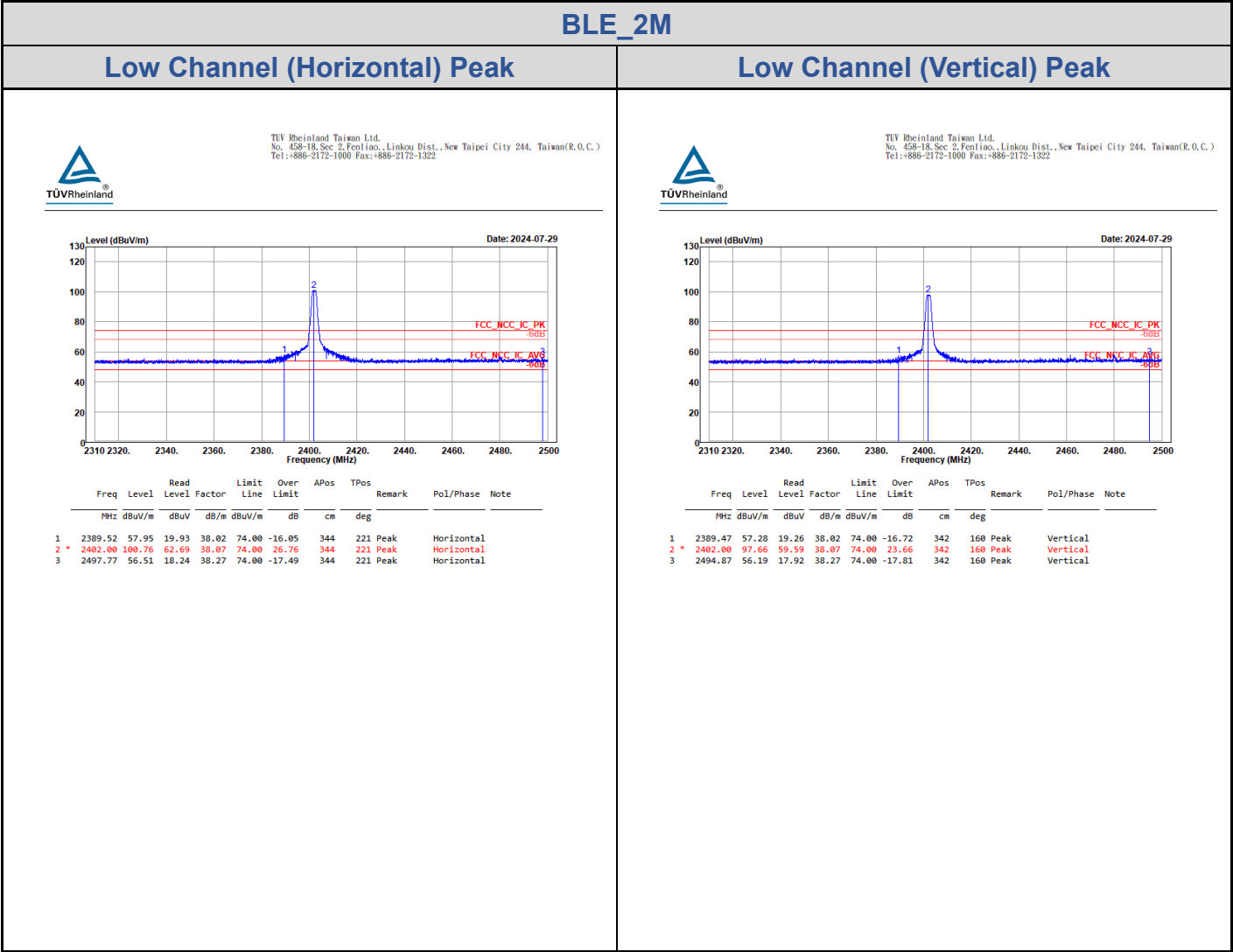






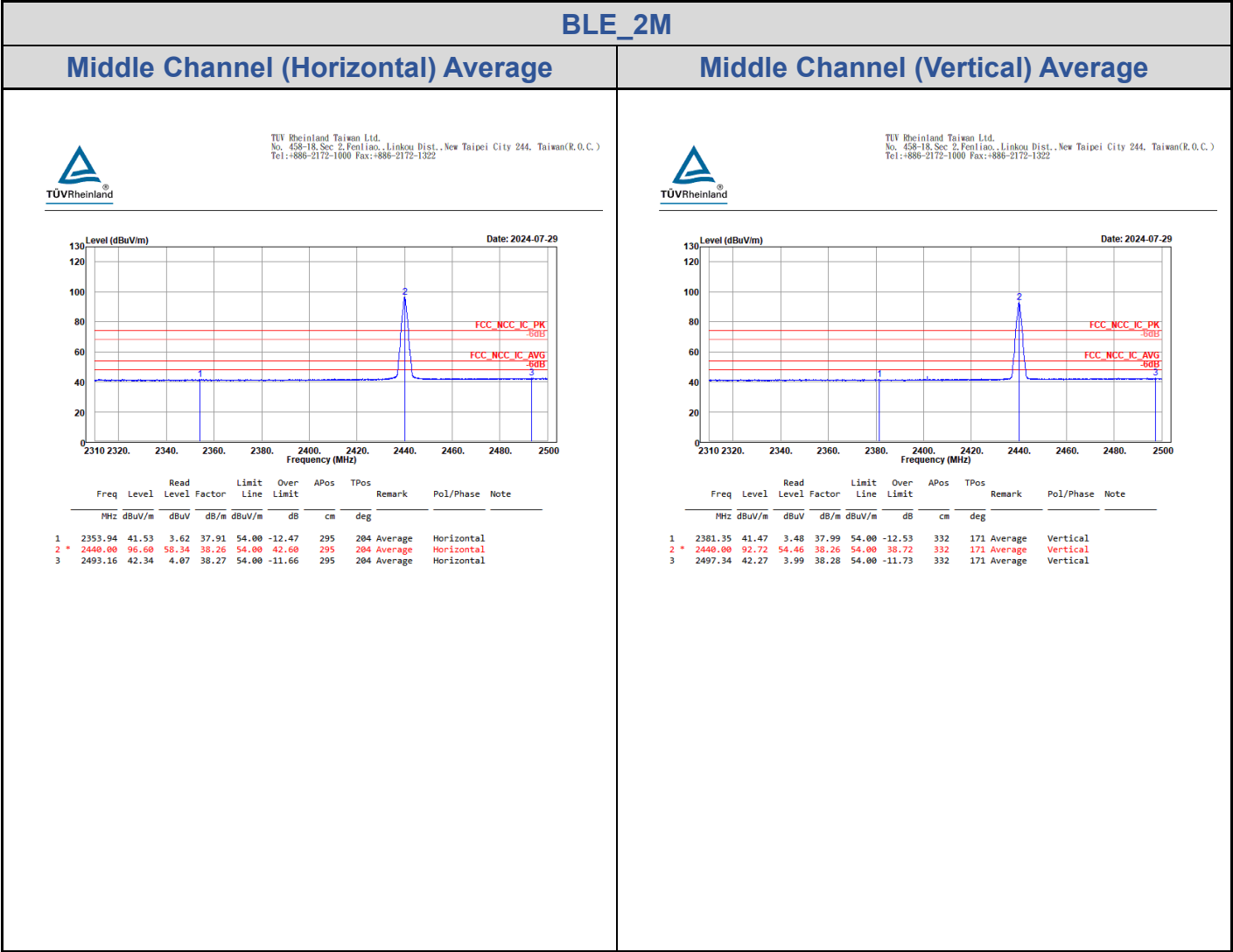


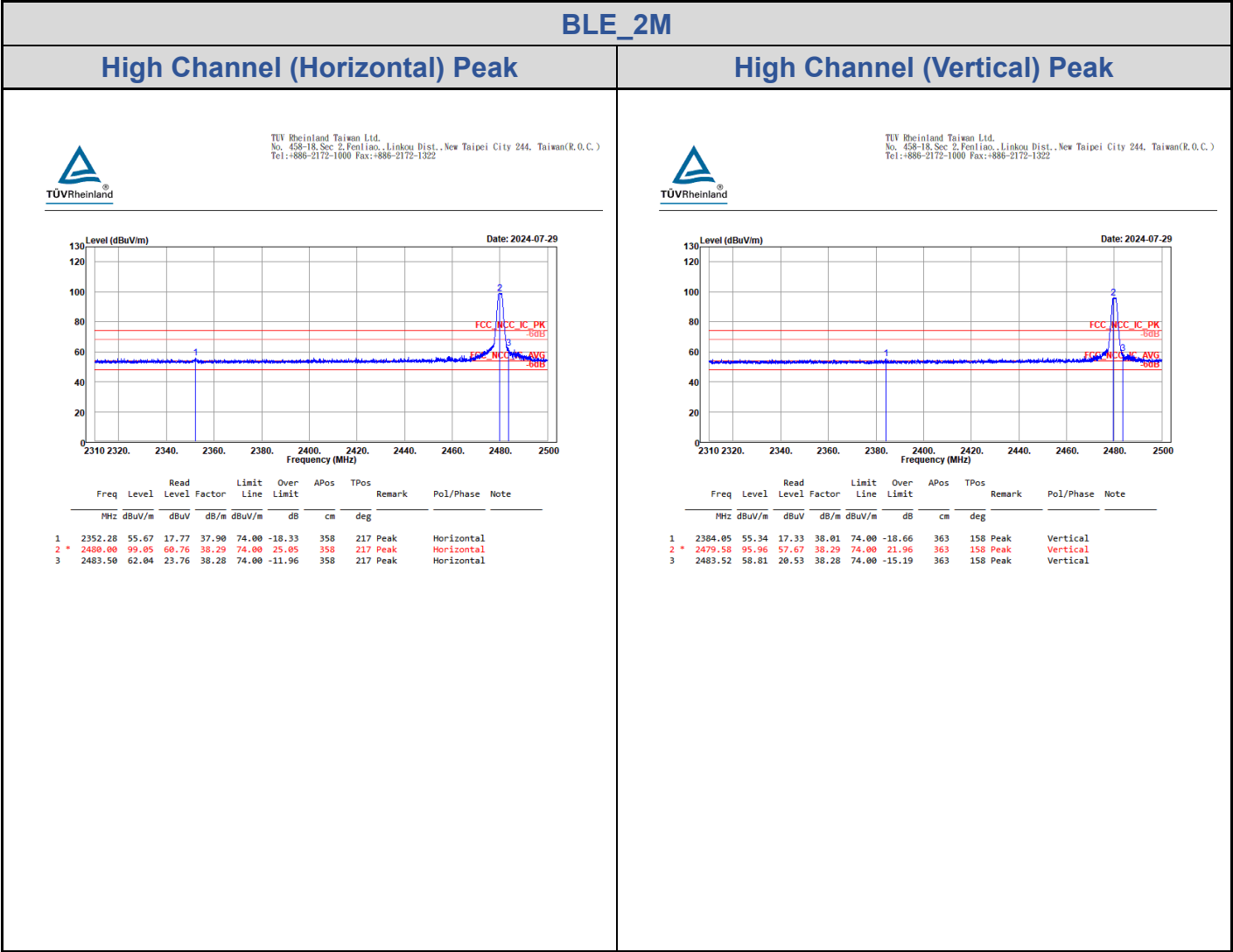
	Freq	Level	Read Line	Factor	Limit Line	Over Limit	Apos	Tpos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2352.09	41.35	3.45	37.90	54.00	-12.65	367	159	Average	Vertical	
2 *	2480.00	94.56	56.27	38.29	54.00	40.56	367	159	Average	Vertical	
3	2490.05	42.03	3.76	38.27	54.00	-11.97	367	159	Average	Vertical	

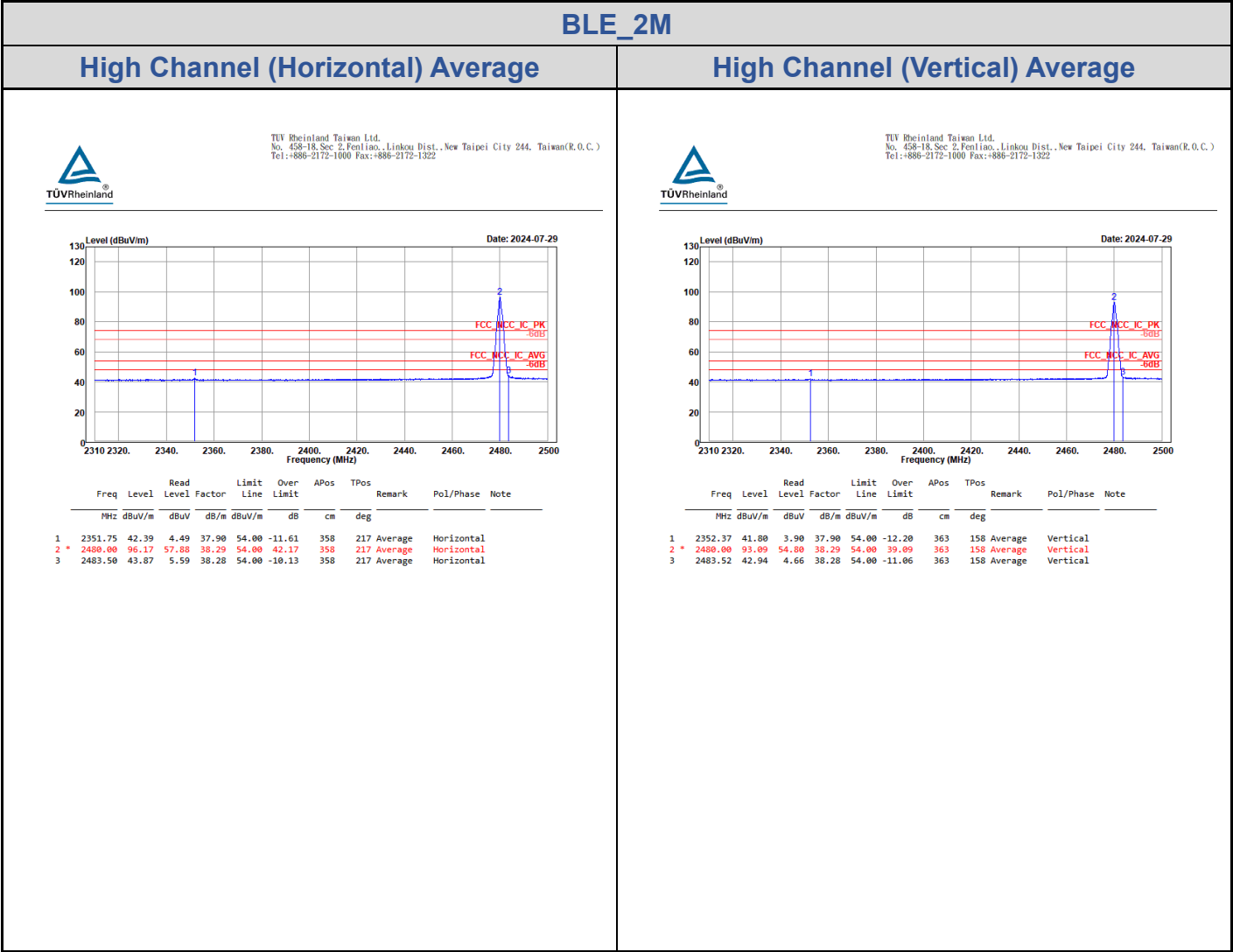


	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2389.99	41.61	3.59	38.82	54.00	-12.39	342	168	Average	Vertical	
2	2402.00	94.86	56.79	38.07	54.00	-40.86	342	168	Average	Vertical	
3	2484.52	42.28	4.00	38.28	54.00	-11.72	342	168	Average	Vertical	

	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	2352.37	55.19	17.29	37.90	74.00	-18.81	332	171	Peak	Vertical	
2 *	2440.00	95.57	57.31	38.26	74.00	21.57	332	171	Peak	Vertical	
3	2490.72	55.95	17.68	38.27	74.00	-18.05	332	171	Peak	Vertical	







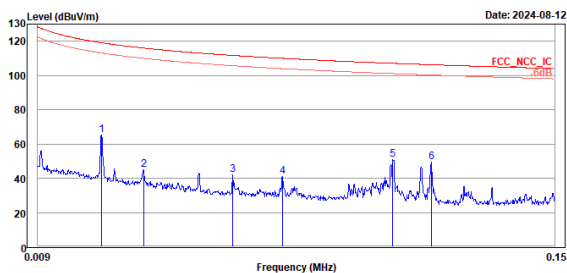
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE 2M

High Channel (Open) 9kHz~150kHz



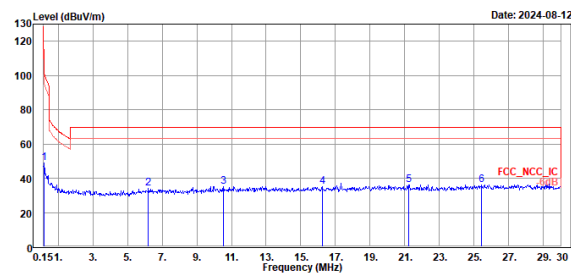
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	Freq	Level	Read Level	Limit	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
0	0.03	65.13	45.32	19.81	119.13	-54.00	100	141	Peak	Open
1	0.04	7.74	25.97	19.57	116.02	-71.88	100	161	Peak	Open
2	0.06	41.85	23.85	18.00	111.70	-69.85	100	64	Peak	Open
4	0.08	40.88	22.28	18.60	110.00	-69.12	100	360	Peak	Open
5	0.11	51.89	23.82	18.57	107.10	-56.01	100	166	Peak	Open
6	0.12	49.48	30.48	18.63	106.29	-51.01	100	186	Peak	Open



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



	Freq	Level	Level	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBu/mV	dBuV	dB/m	dBu/mV	dB	cm	deg		
1	0.21	48.08	29.67	19.13	101.17	-52.37	100	108	Peak	Open
2	34.24	35.29	12.70	20.95	69.50	-35.26	100	68	Peak	Open
3	10.54	35.29	13.85	21.44	69.50	-34.21	100	355	Peak	Open
4	16.24	34.89	12.81	22.08	69.50	-34.61	100	927	Peak	Open
5	21.22	36.13	13.75	23.28	69.50	-33.27	100	132	Peak	Open
6	25.43	36.25	13.53	23.04	69.50	-33.28	100	317	Peak	Open

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

High Channel (Horizontal)

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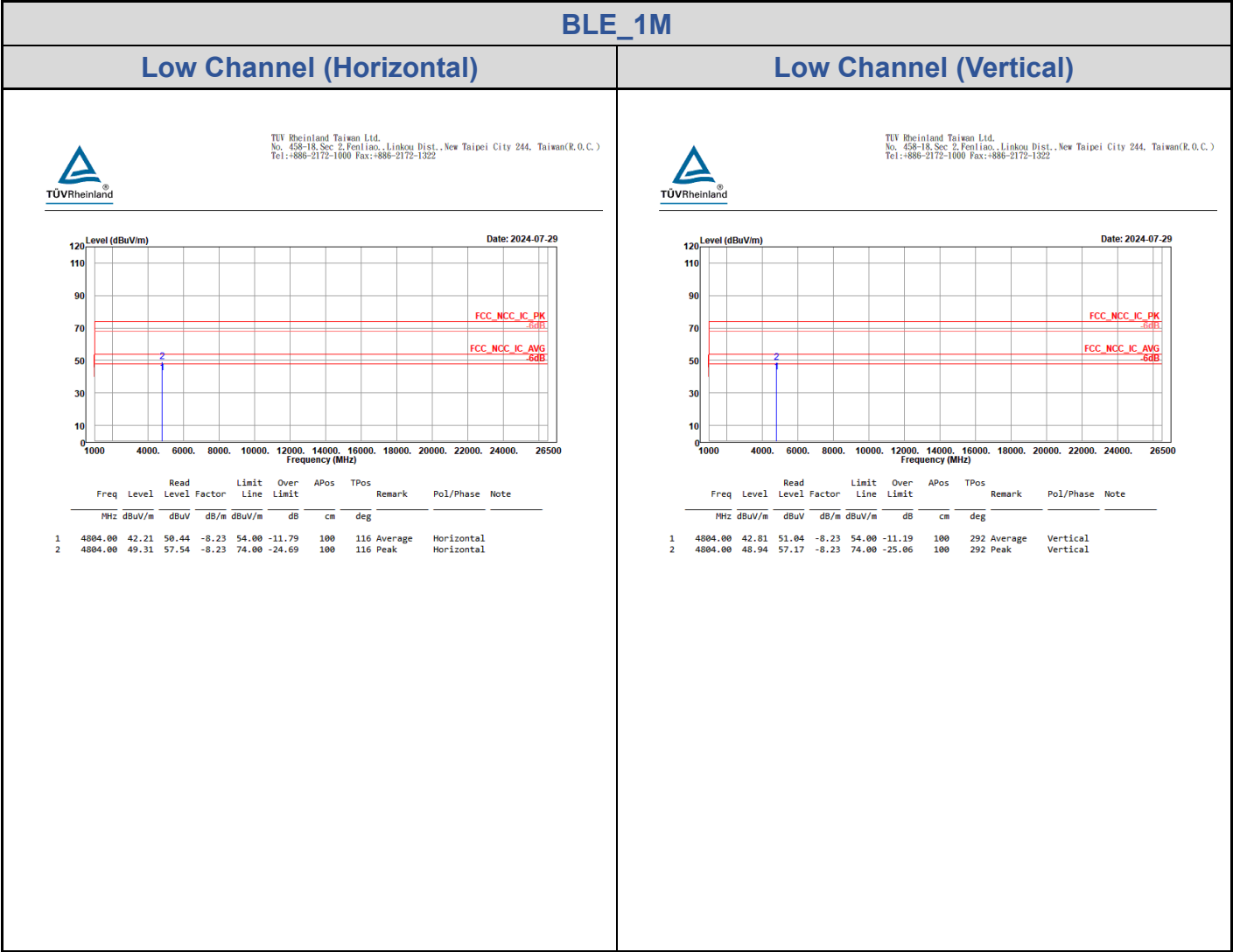
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	83.35	31.74	43.53	-11.79	40.00	-8.26	100	45	Peak	Horizontal	
2	95.96	35.02	46.65	-11.63	43.50	-8.48	100	23	Peak	Horizontal	
3	107.60	34.00	43.97	-9.97	43.50	-9.50	100	198	Peak	Horizontal	
4	179.38	29.05	36.53	-6.68	43.50	-13.65	100	130	Peak	Horizontal	
5	239.52	33.07	39.84	-6.77	46.00	-12.93	100	134	Peak	Horizontal	
6	276.38	34.63	40.64	-6.01	46.00	-11.37	100	128	Peak	Horizontal	

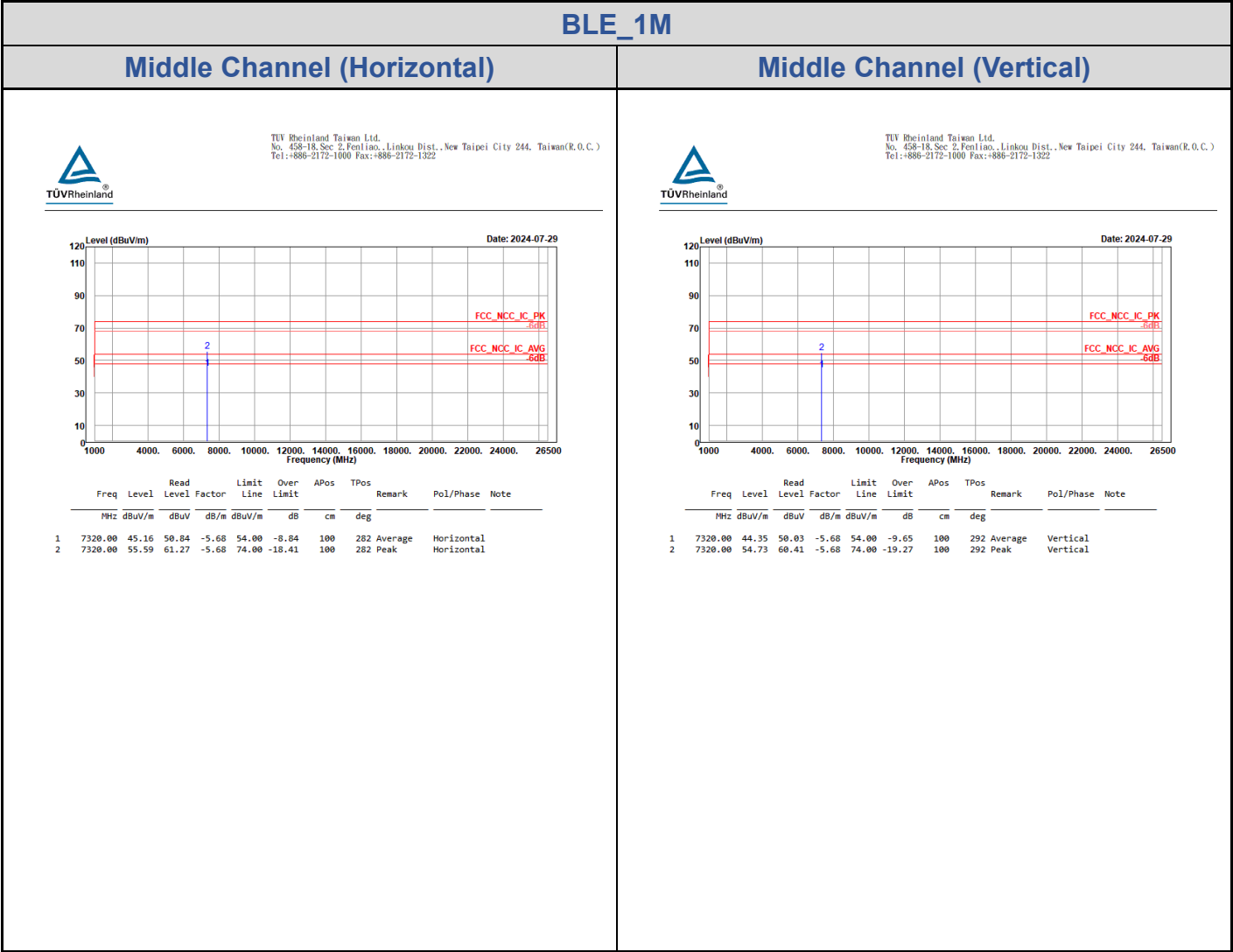
High Channel (Vertical)

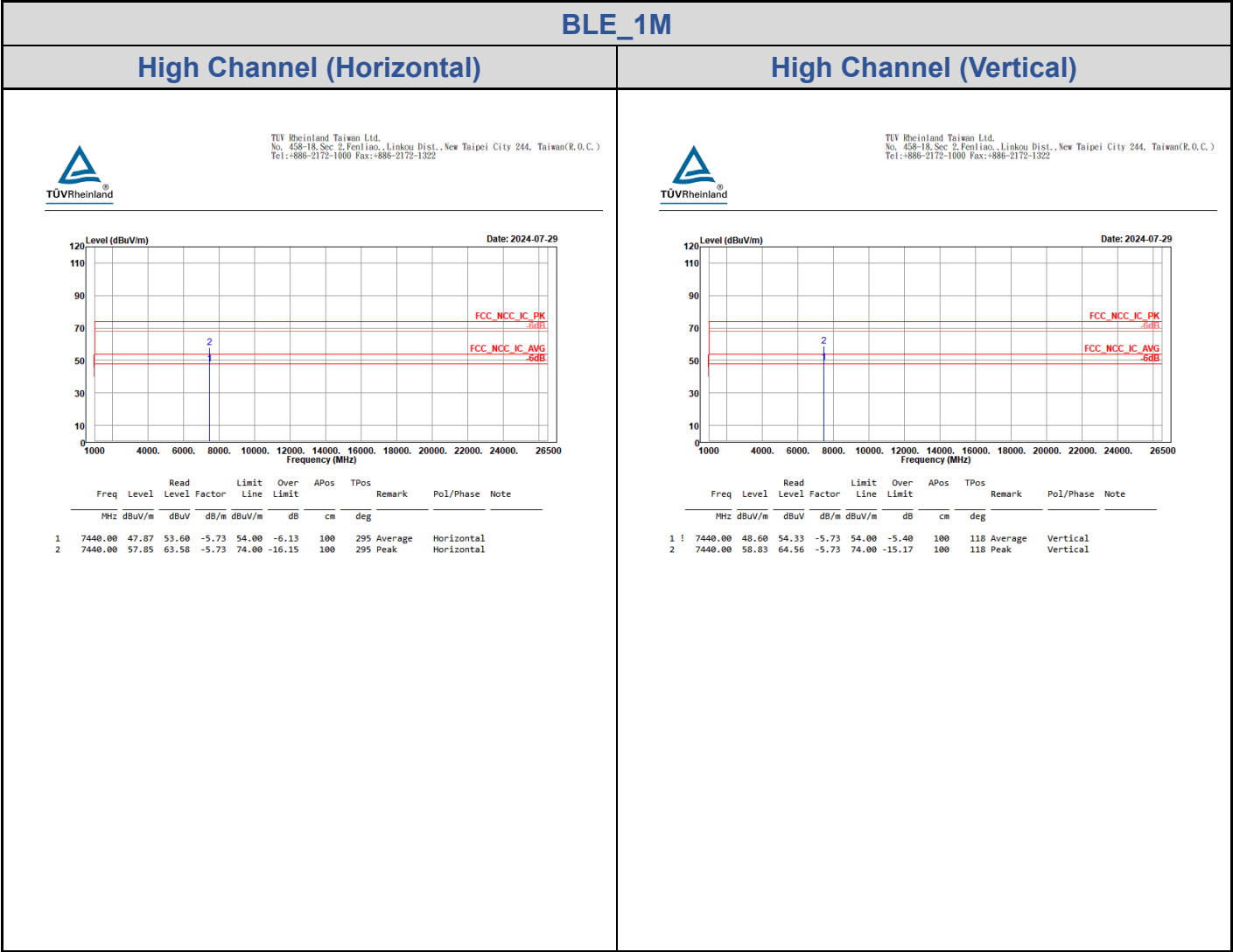
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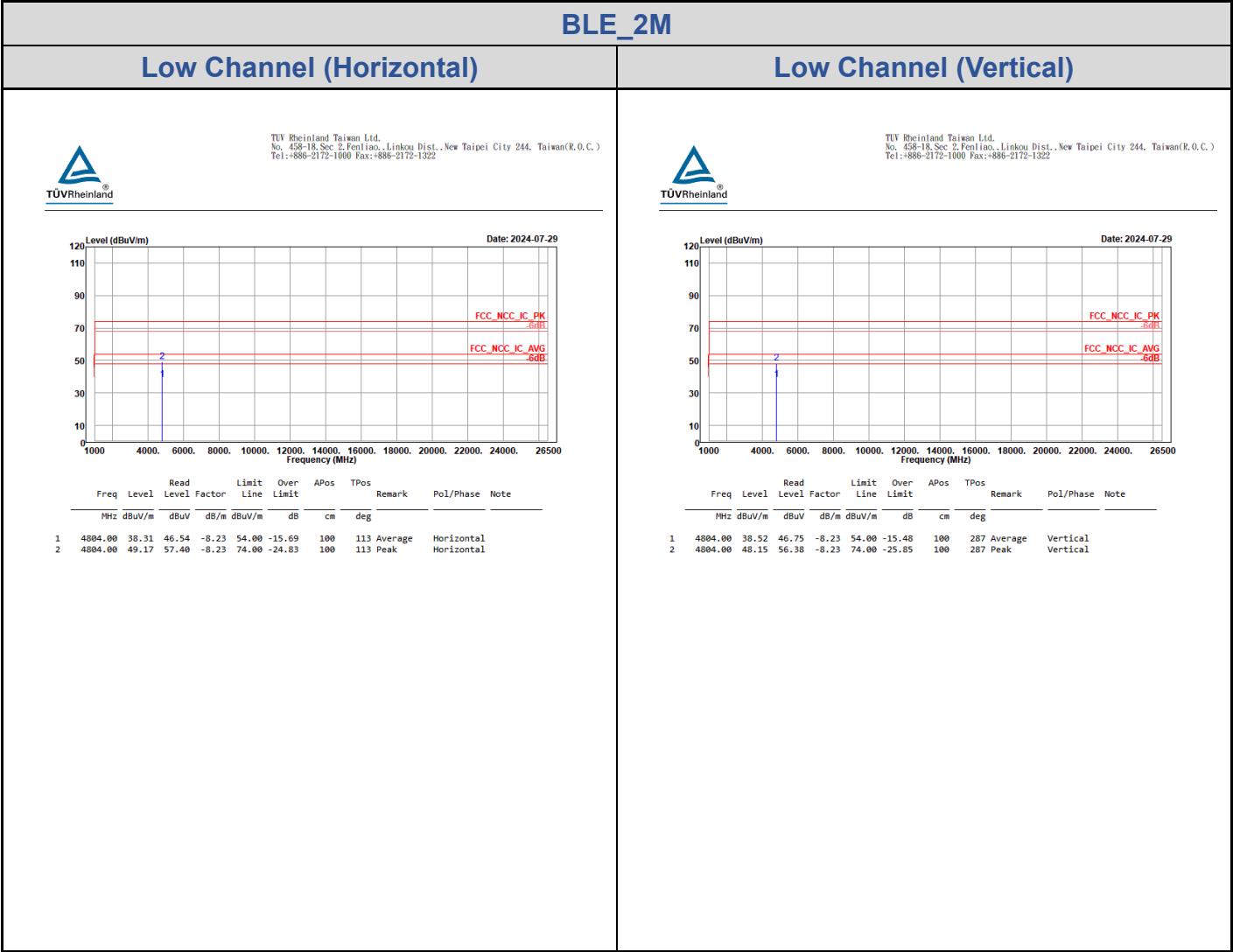
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	35.82	30.49	37.96	-7.47	40.00	-9.51	100	222	Peak	Vertical	
2	76.56	34.47	44.72	-10.25	40.00	-5.53	100	280	Peak	Vertical	
3	83.35	35.00	46.79	-11.79	40.00	-5.00	100	280	Peak	Vertical	
4	95.96	30.07	49.70	-11.63	43.50	-5.43	100	69	Peak	Vertical	
5	107.60	32.79	42.76	-9.97	43.50	-10.71	100	68	Peak	Vertical	
6	275.41	28.20	34.24	-6.04	46.00	-17.80	100	30	Peak	Vertical	

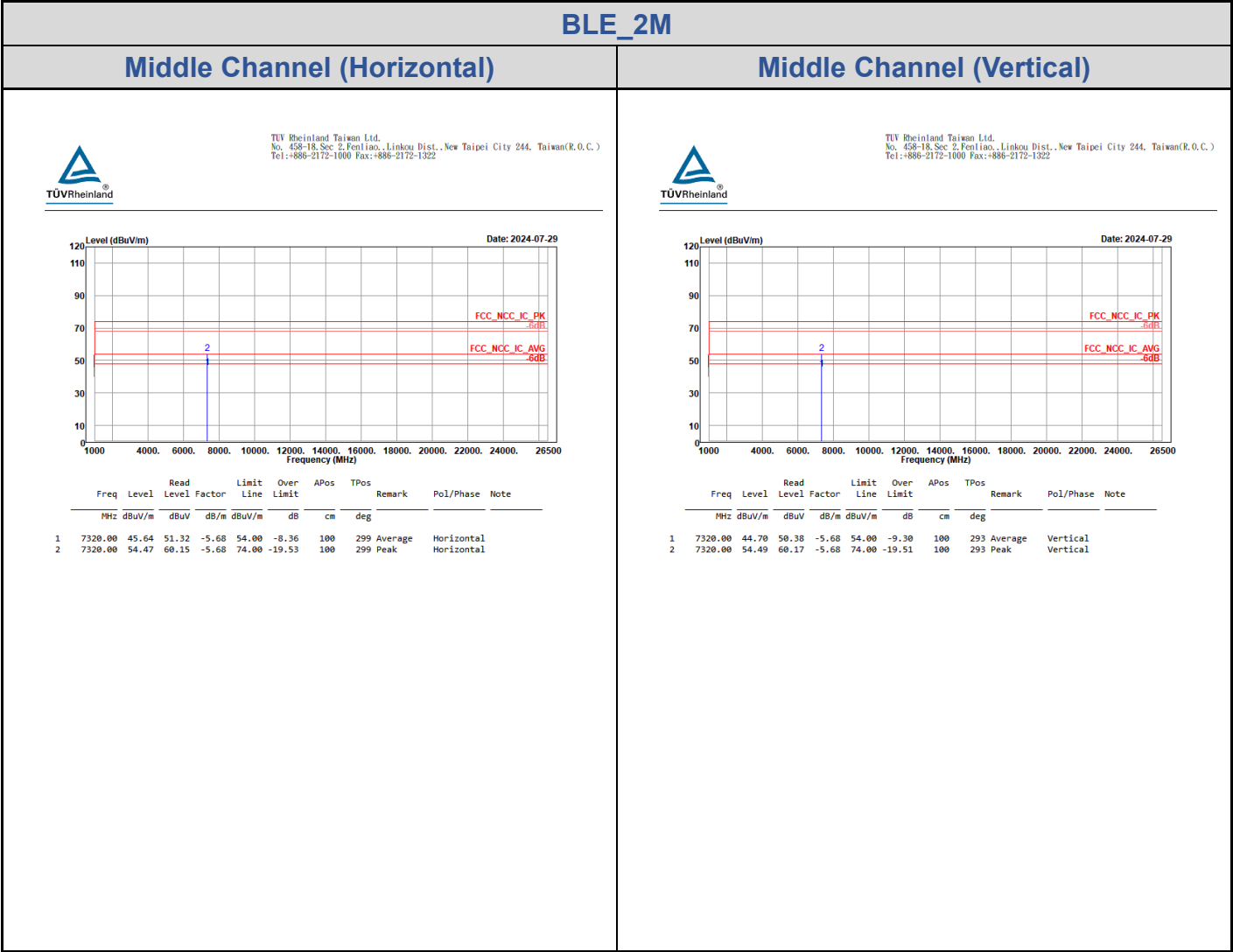
Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

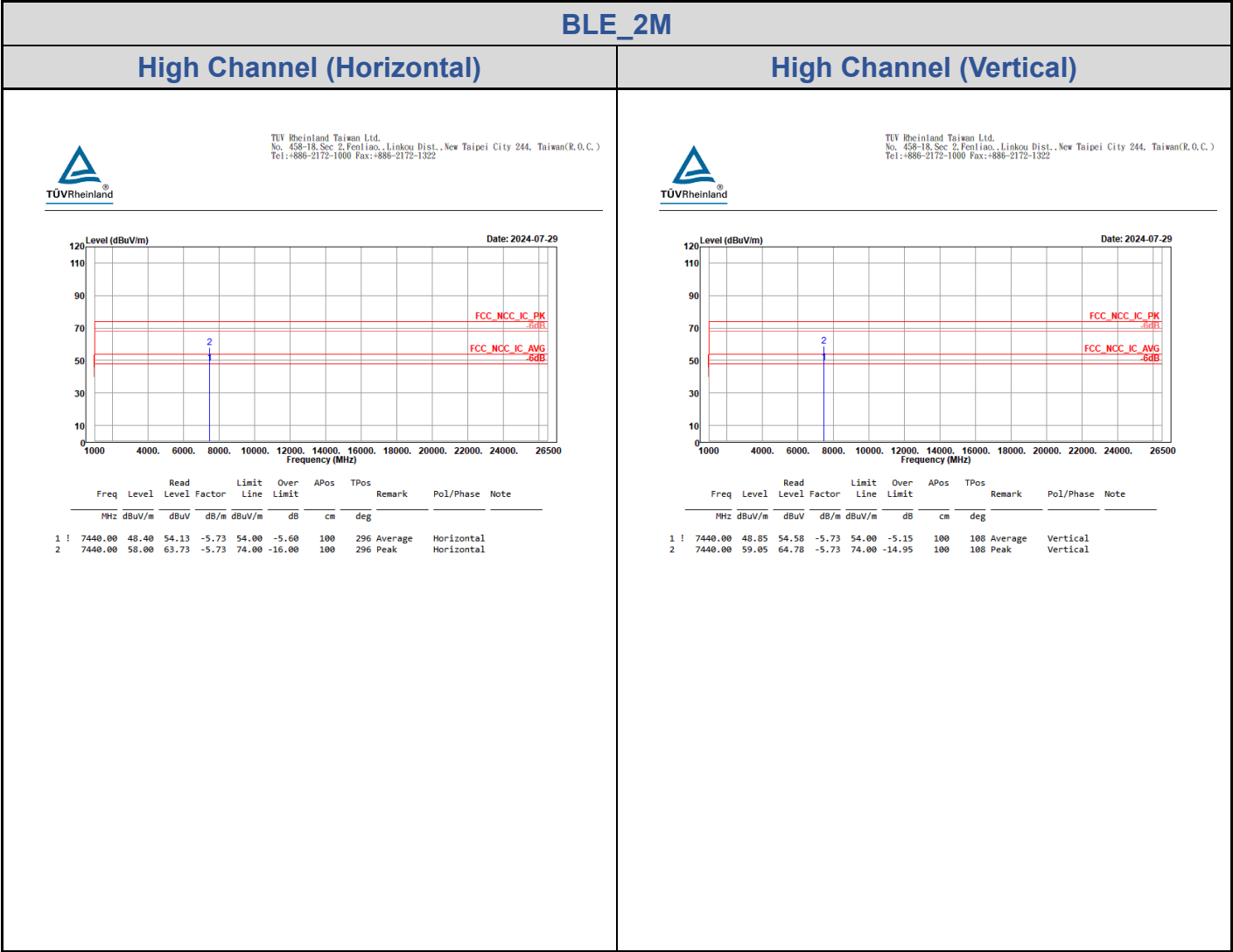












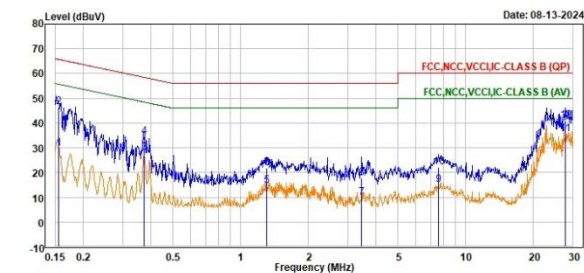
Mains Conducted Emission, Tx Mode, 150kHz ~ 30MHz

Worst Band

(Line)



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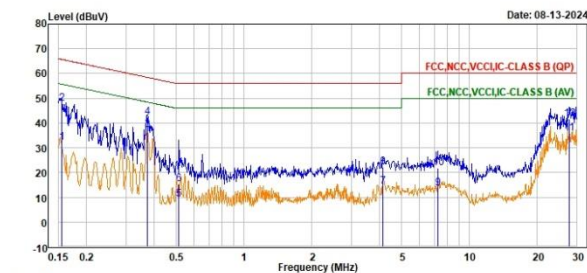


Trace:	Frequency (MHz)								
	Freq	Level	Read Level	Factor	Limit	Over Limit	Remark	Pol/Phase	Note
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.16	29.86	20.23	9.63	55.71	-25.85	Average	line1	
2	0.37	46.61	36.88	9.63	65.71	-19.20	QP	line1	
4	0.87	28.02	18.39	9.63	48.47	-39.45	Average	line1	
4	0.37	34.62	24.99	9.63	58.47	-23.85	QP	line1	
5	1.30	14.53	4.89	9.64	46.00	-31.47	Average	line1	
6	1.30	21.99	12.35	9.64	56.00	-34.01	QP	line1	
8	3.45	9.96	0.21	9.64	46.00	-36.79	Average	line1	
8	3.45	17.70	8.02	9.68	56.00	-38.30	QP	line1	
9	7.58	15.02	5.28	9.74	50.00	-34.98	Average	line1	
10	7.58	22.13	12.39	9.74	60.00	-37.87	QP	line1	
11	25.82	35.38	25.64	9.74	68.00	-32.14	Average	line1	
12	27.84	41.16	31.42	9.74	69.00	-18.84	QP	line1	

(Neutral)



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Trace: 1	Frequency (MHz)								
	Freq		Level		Read	Limit	Over	Pol/Phase	Note
			Factor		Limit	Remark			
	MHz	dBuV	dBuV	dB	dBuV	dB			
1	0.15	31.96	22.33	9.63	55.75	-23.79	Average	neutral	
2	0.15	47.71	38.08	9.63	65.75	-18.04	QP	neutral	
3	0.37	37.32	27.69	9.63	48.47	-11.11	Average	neutral	
4	0.37	42.21	32.58	9.63	58.47	-16.26	QP	neutral	
5	0.51	9.20	-0.43	9.63	46.00	-36.80	Average	QP	neutral
6	0.51	15.21	5.58	9.63	56.00	-40.79	QP	neutral	
7	1.14	44.44	4.75	9.68	46.46	-31.71	Average	QP	neutral
8	4.15	22.32	12.63	9.69	50.00	-33.68	QP	neutral	
9	7.25	13.60	3.85	9.75	56.00	-36.40	Average	QP	neutral
10	7.25	21.82	12.07	9.75	60.00	-38.16	QP	neutral	
11	27.87	35.69	25.01	9.68	60.00	-11.11	Average	QP	neutral
12	27.84	41.64	31.76	9.88	60.00	-15.35	QP	neutral	