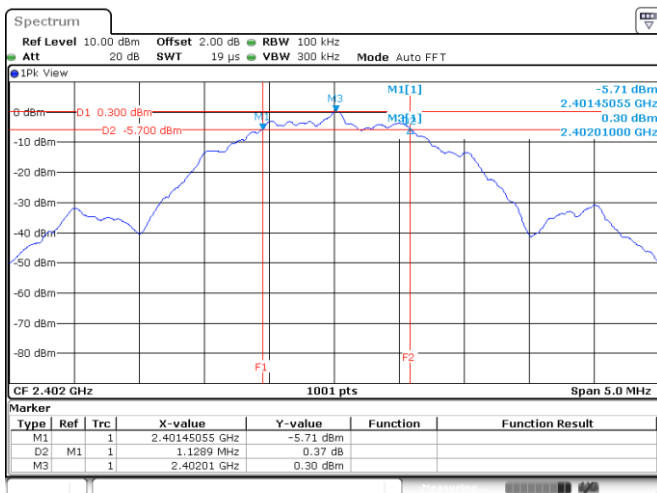
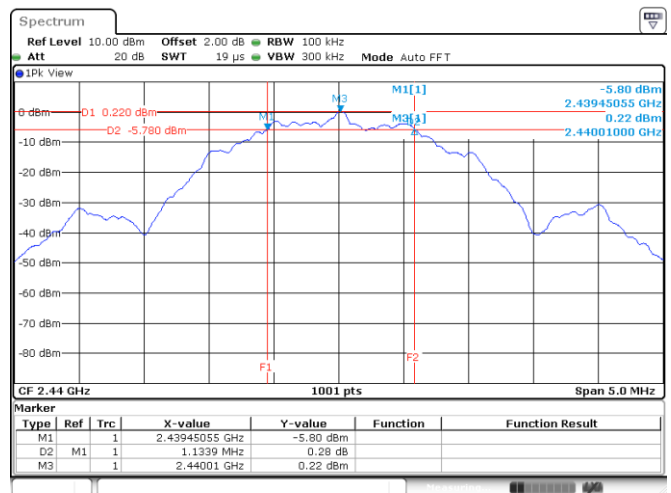
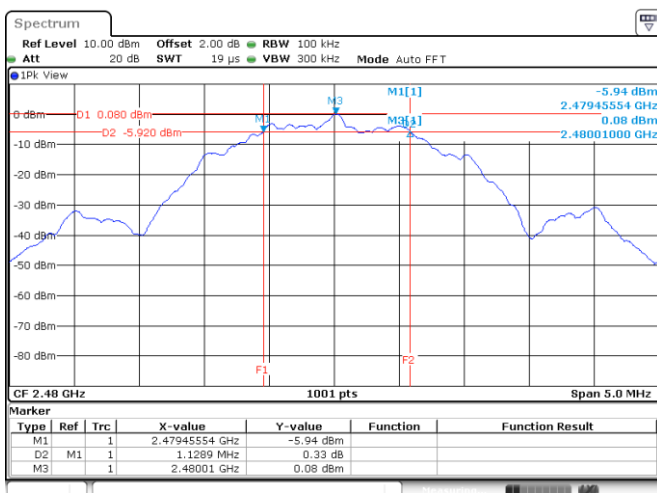


BLE_2M

Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
Low Channel	2402	1.13	0.5	Pass
Middle Channel	2440	1.13	0.5	Pass
High Channel	2480	1.13	0.5	Pass

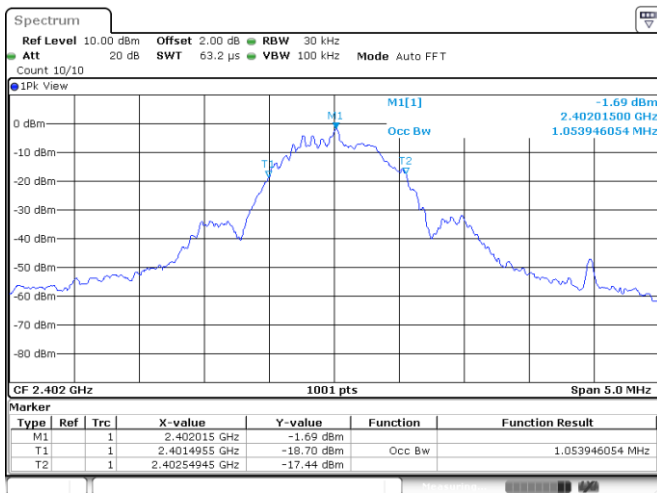
Low Channel

Middle Channel

High Channel


Test Result of 99% Occupied Bandwidth

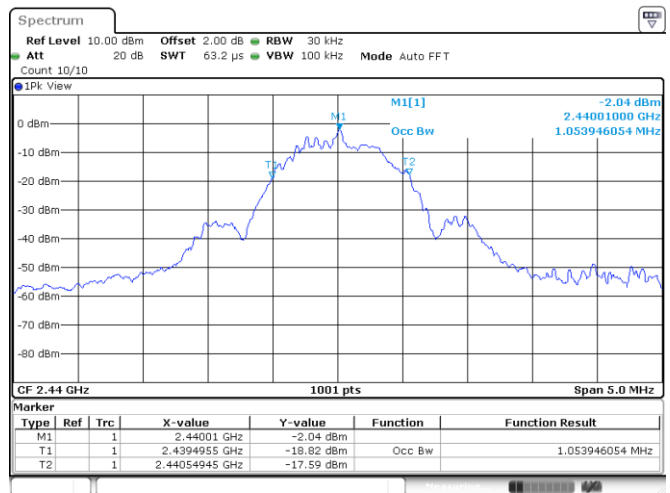
BLE_1M

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.05
Middle Channel	2440	1.05
High Channel	2480	1.05

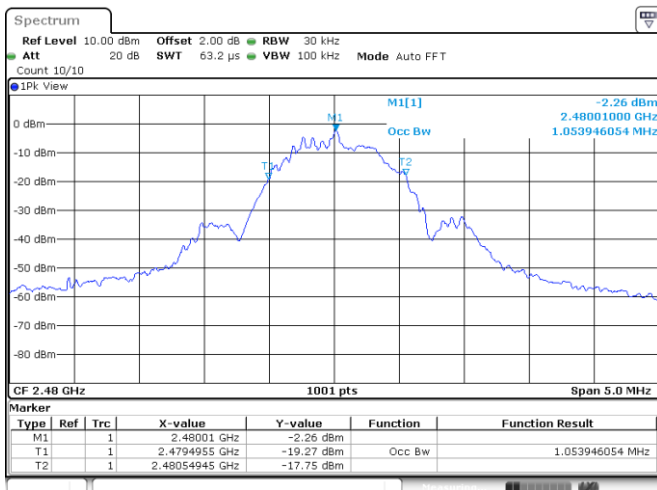
Low Channel



Middle Channel



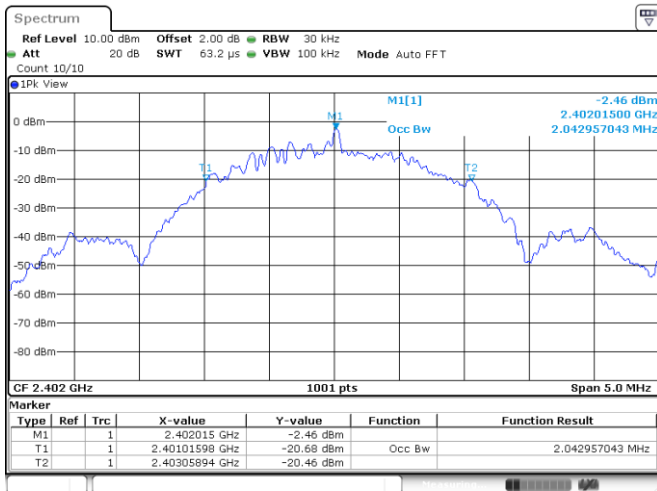
High Channel



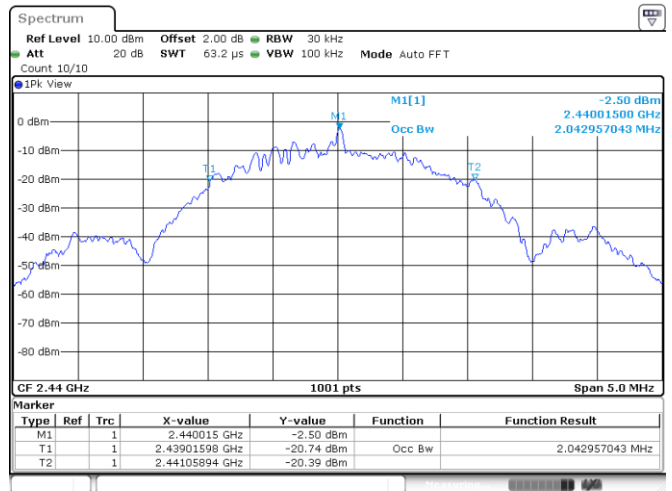
BLE_2M

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2402	2.04
Middle Channel	2440	2.04
High Channel	2480	2.04

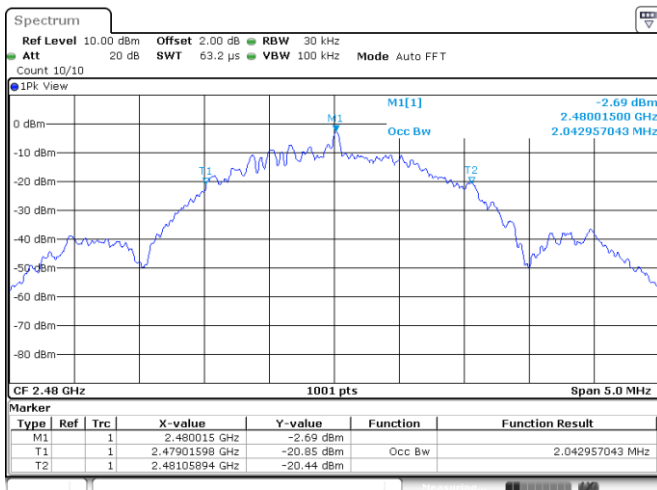
Low Channel



Middle Channel



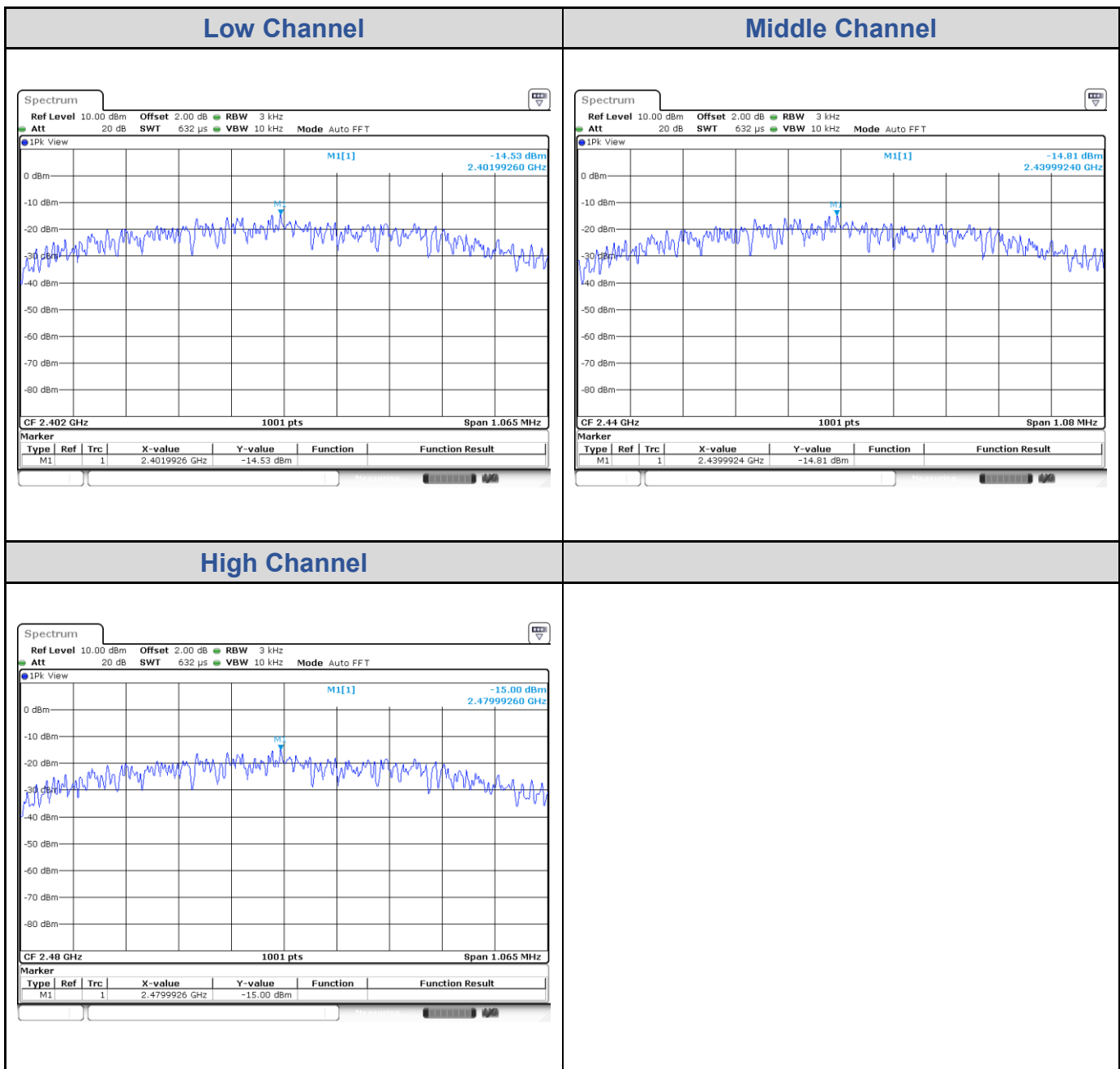
High Channel



Test Result of Power Spectral Density

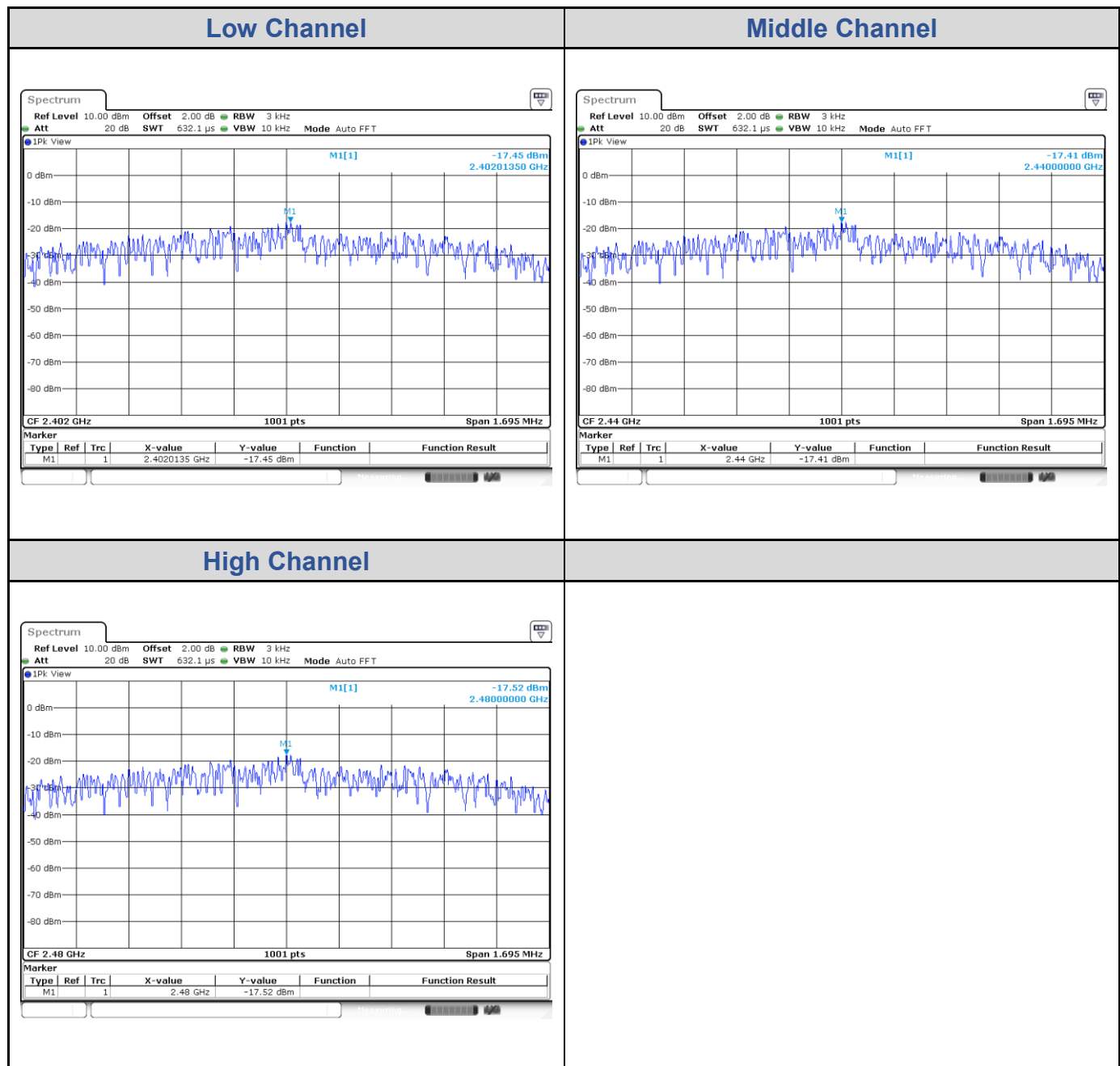
BLE_1M

Channel	Channel Frequency (MHz)	Power Density (dBm)	Limit (dBm)	Result
Low Channel	2402	-14.53	8	Pass
Middle Channel	2440	-14.81	8	Pass
High Channel	2480	-15.00	8	Pass



BLE_2M

Channel	Channel Frequency (MHz)	Power Density (dBm)	Limit (dBm)	Result
Low Channel	2402	-17.45	8	Pass
Middle Channel	2440	-17.41	8	Pass
High Channel	2480	-17.52	8	Pass

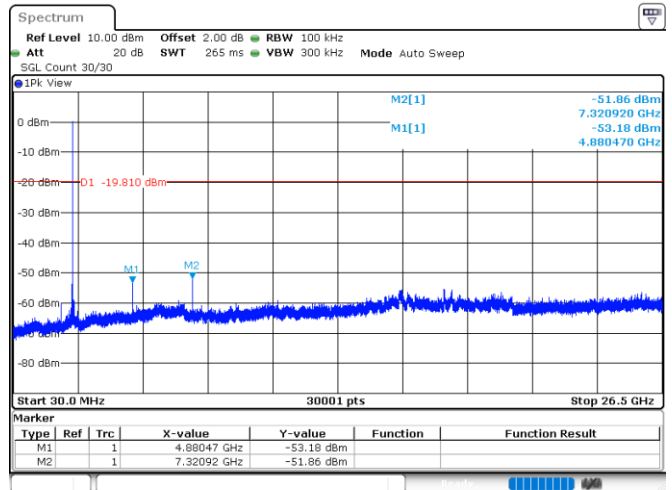
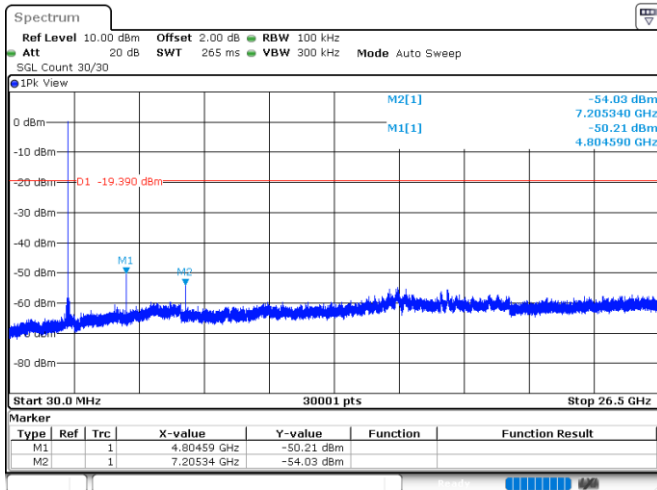


Test Result of Conducted Spurious Emissions, Tx Mode

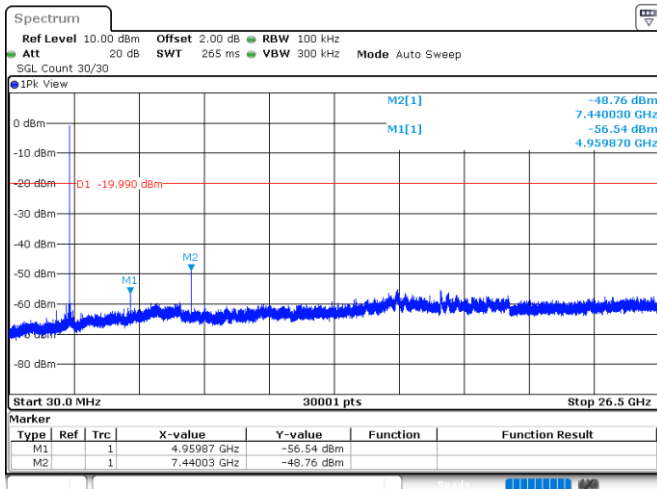
BLE_1M

Low Channel

Middle Channel

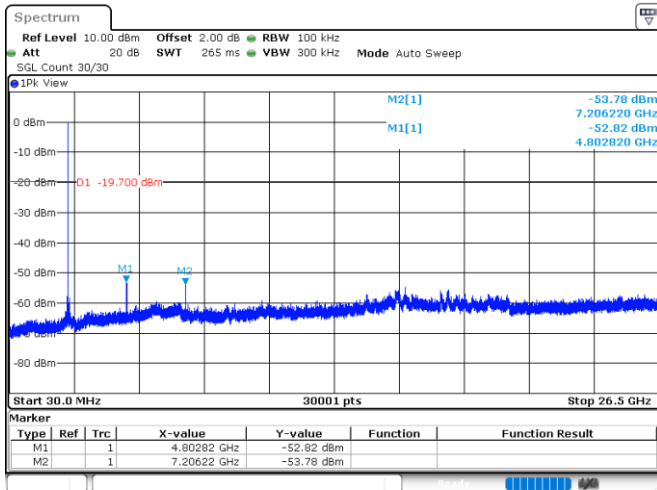


High Channel

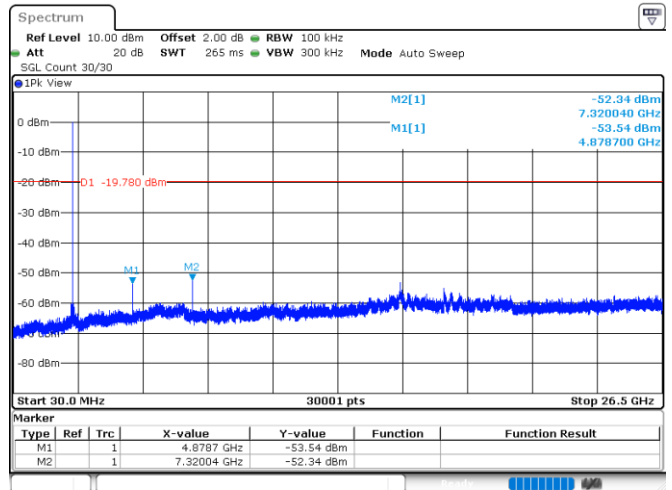


BLE_2M

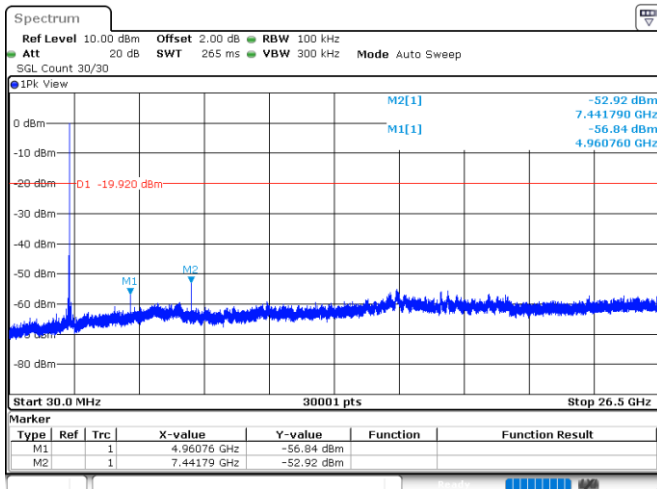
Low Channel



Middle Channel

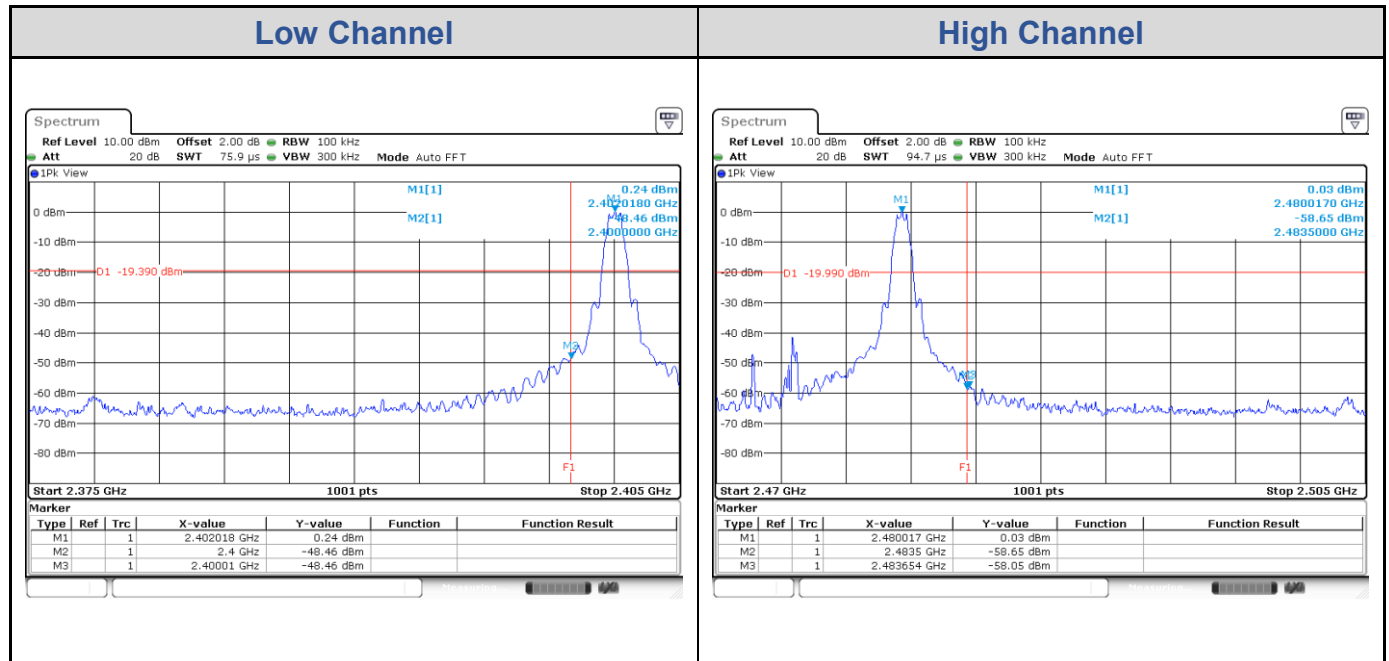


High Channel

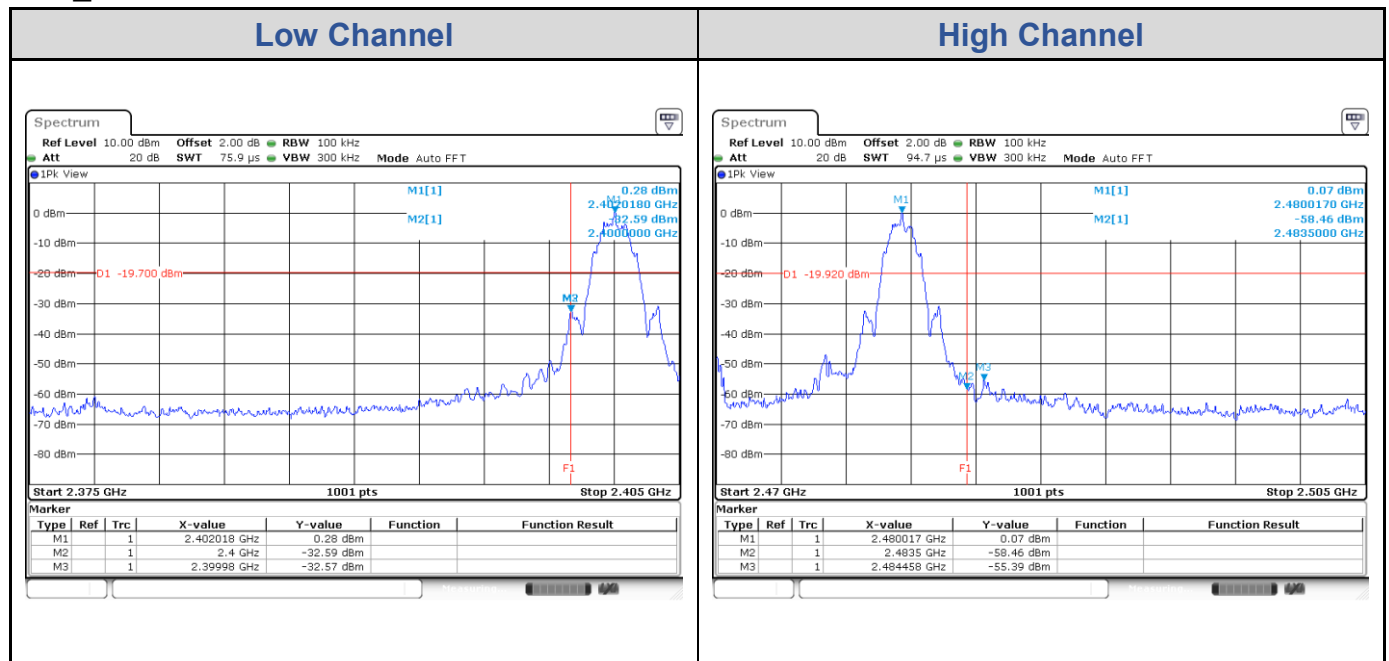


Test Result of Conducted Band Edge, Tx Mode

BLE_1M



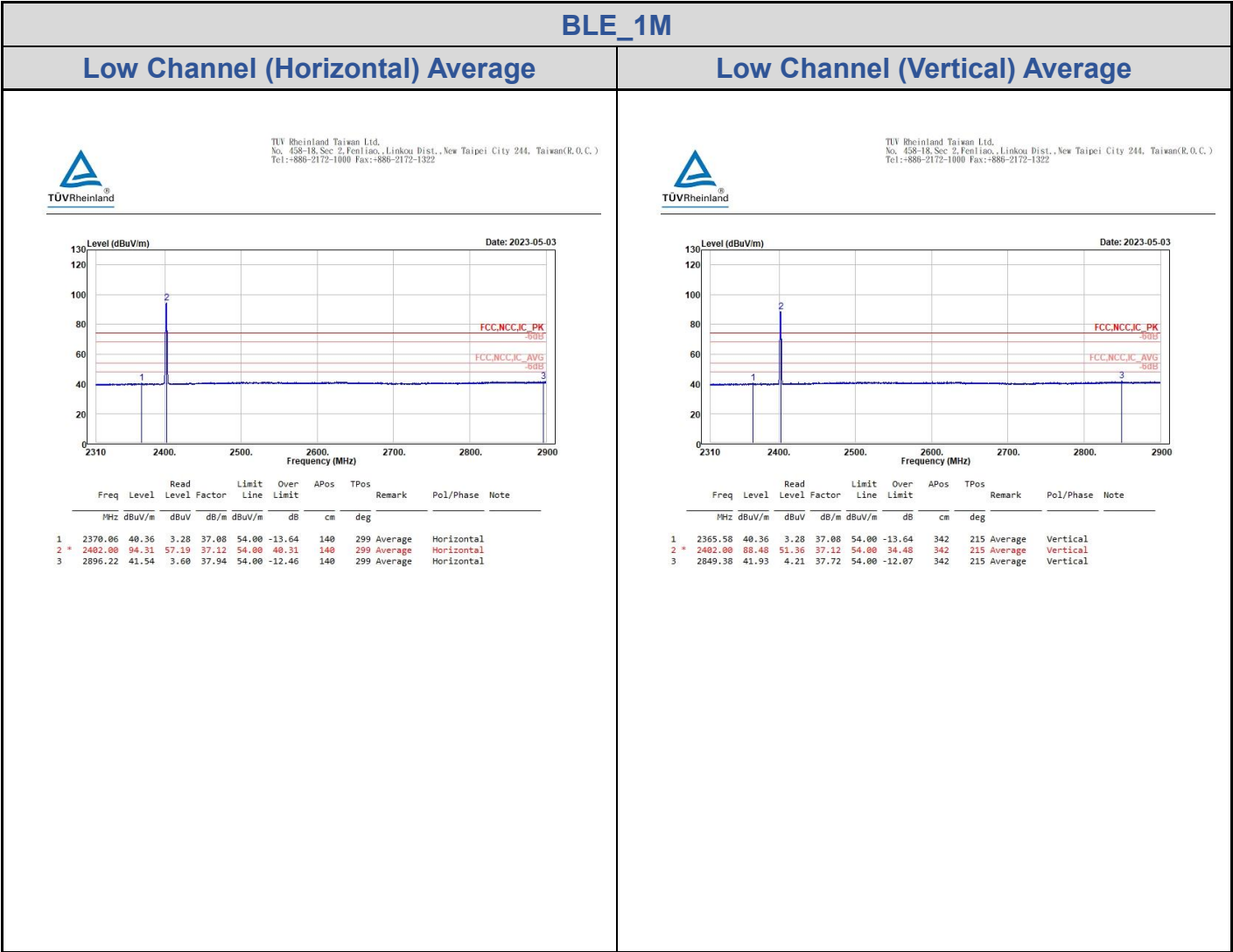
BLE_2M

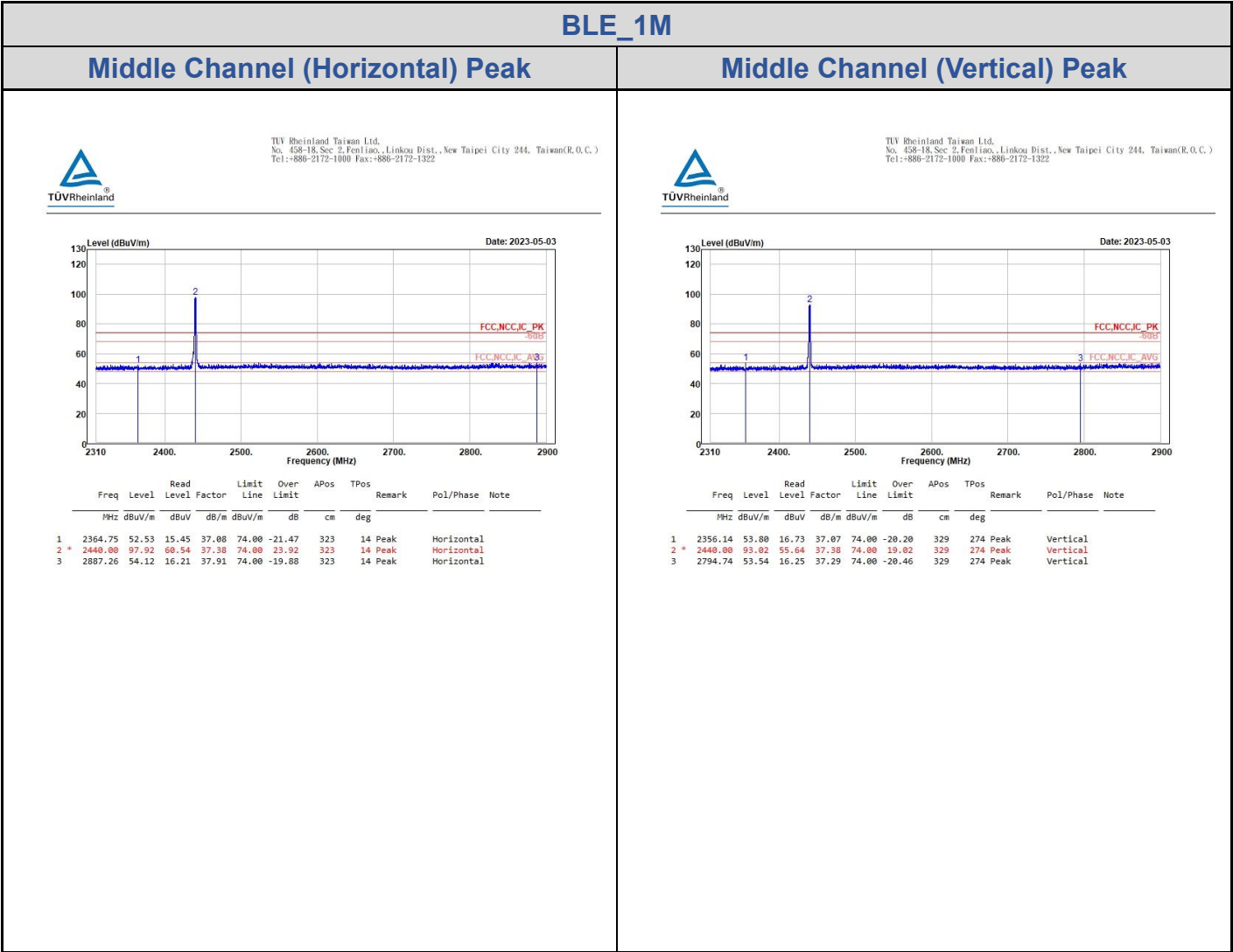


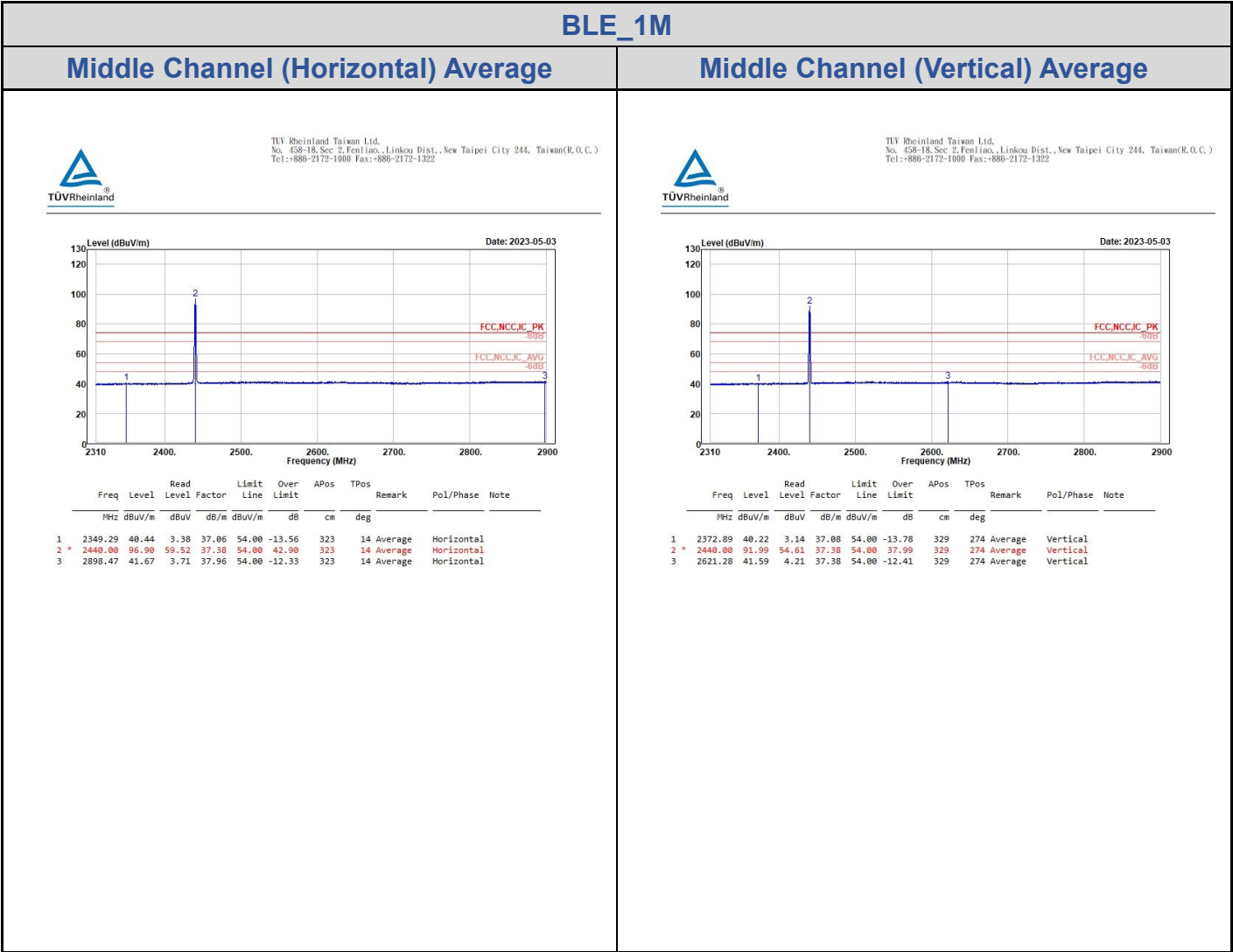
Appendix B: Test Results of Radiated Spurious Emissions & Mains

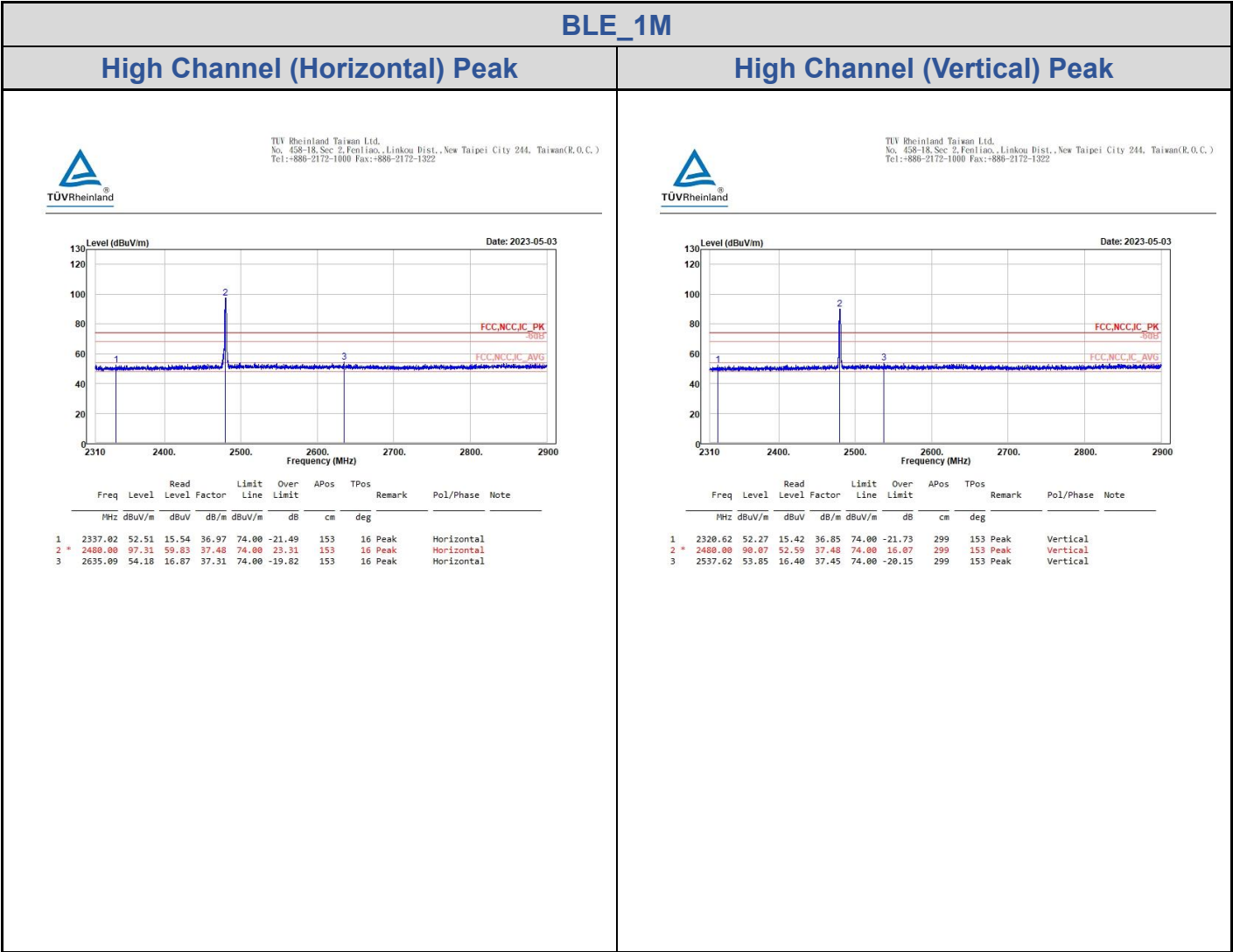
Conducted Emission Test

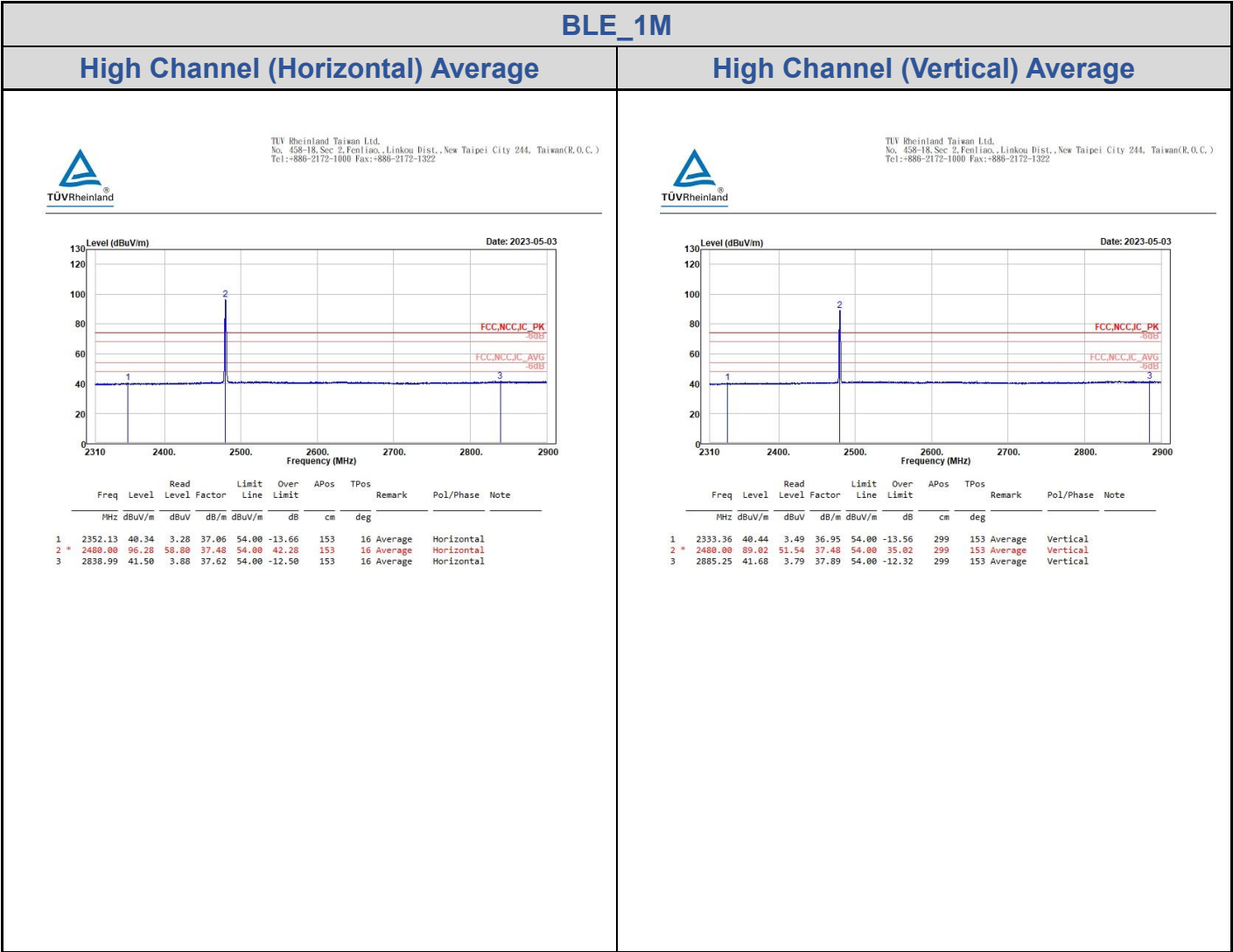
Band Edges, 2.31GHz ~ 2.9GHz

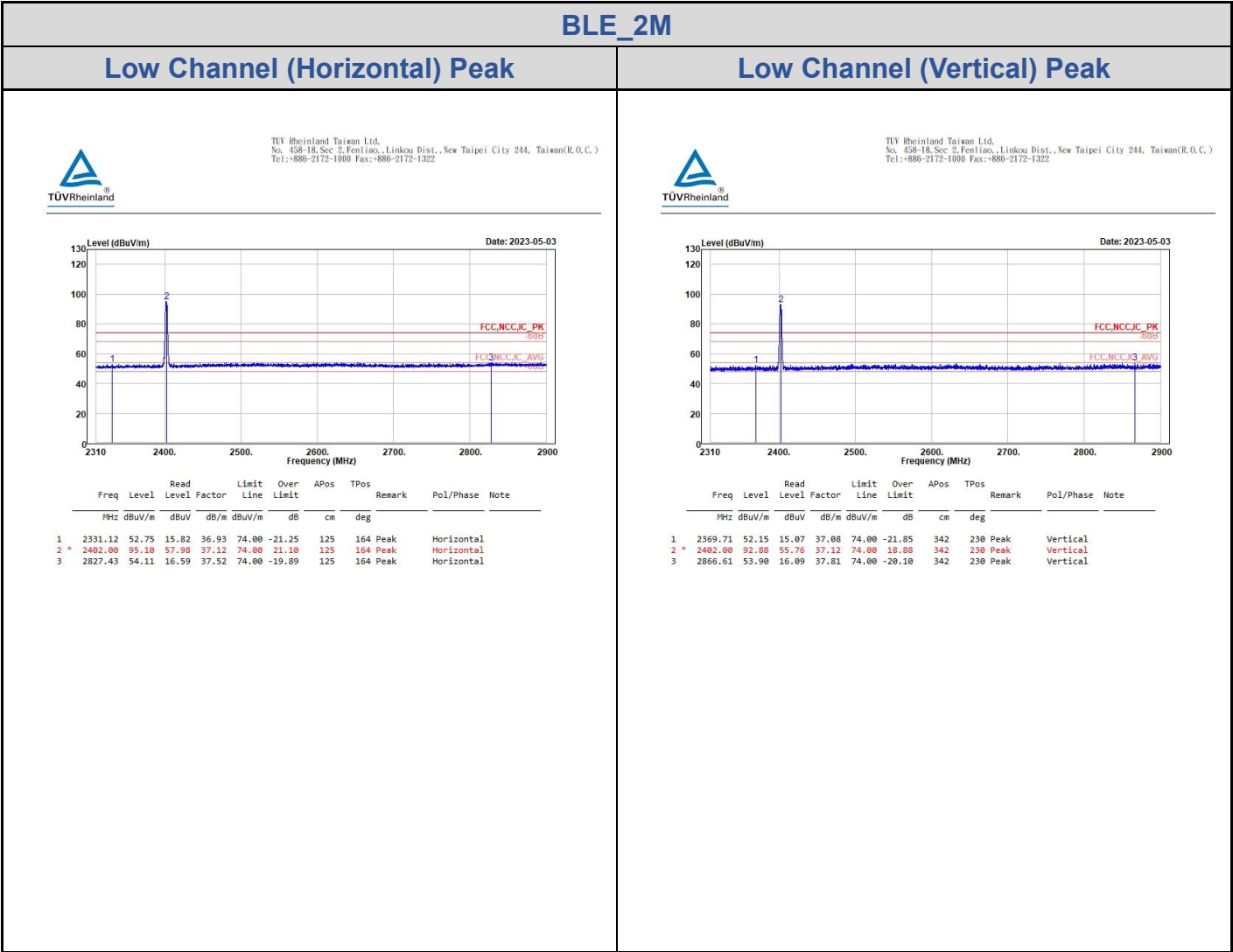


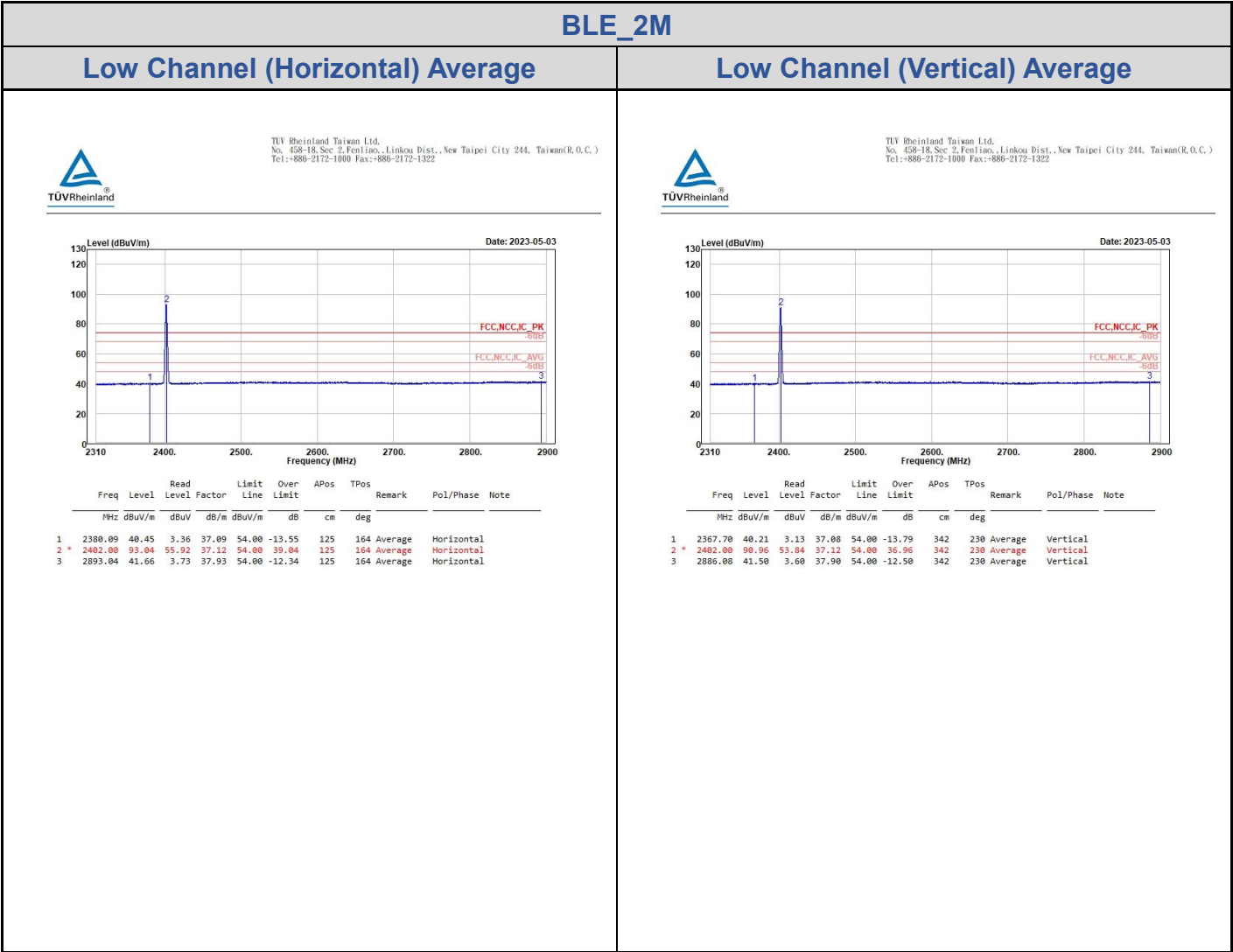




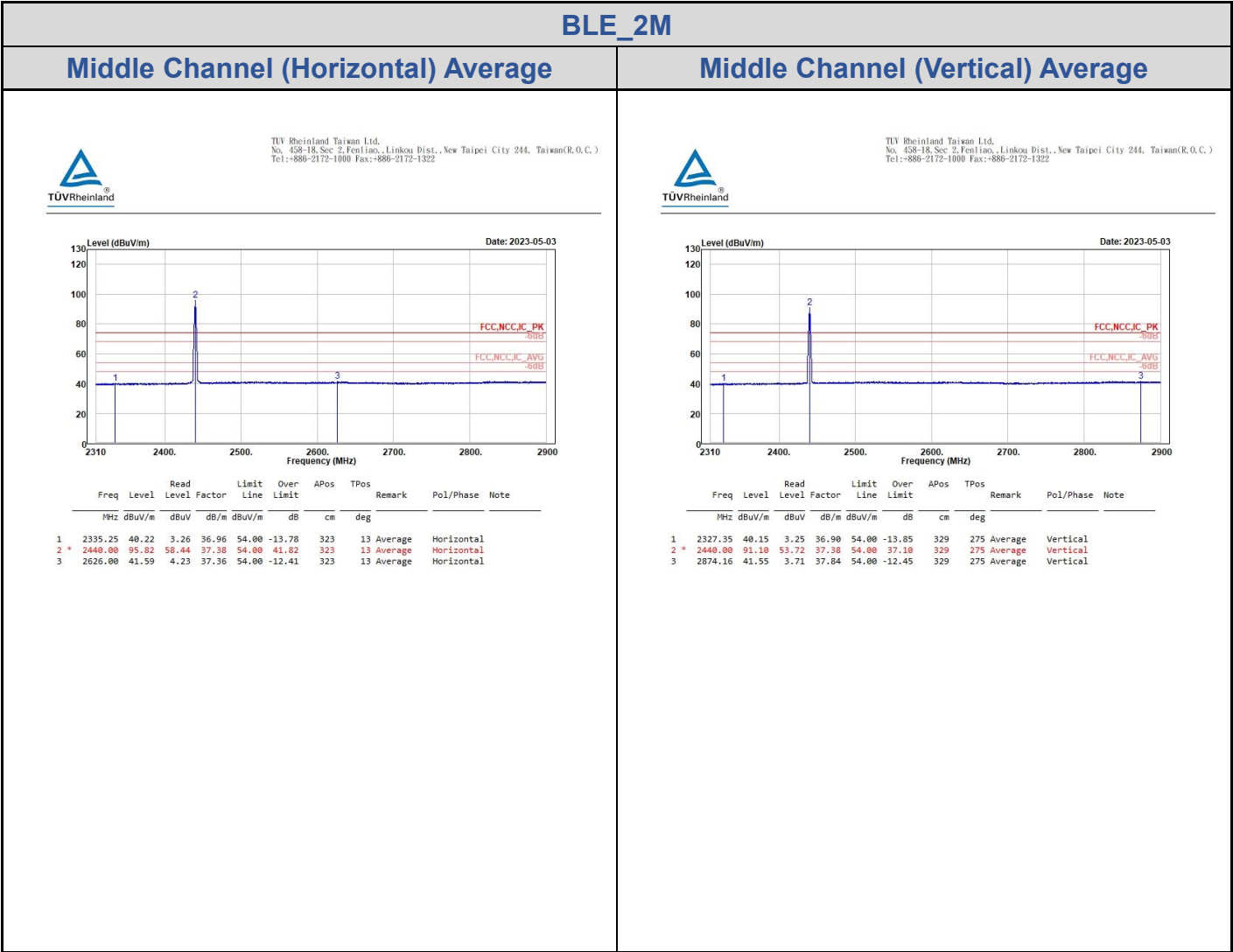


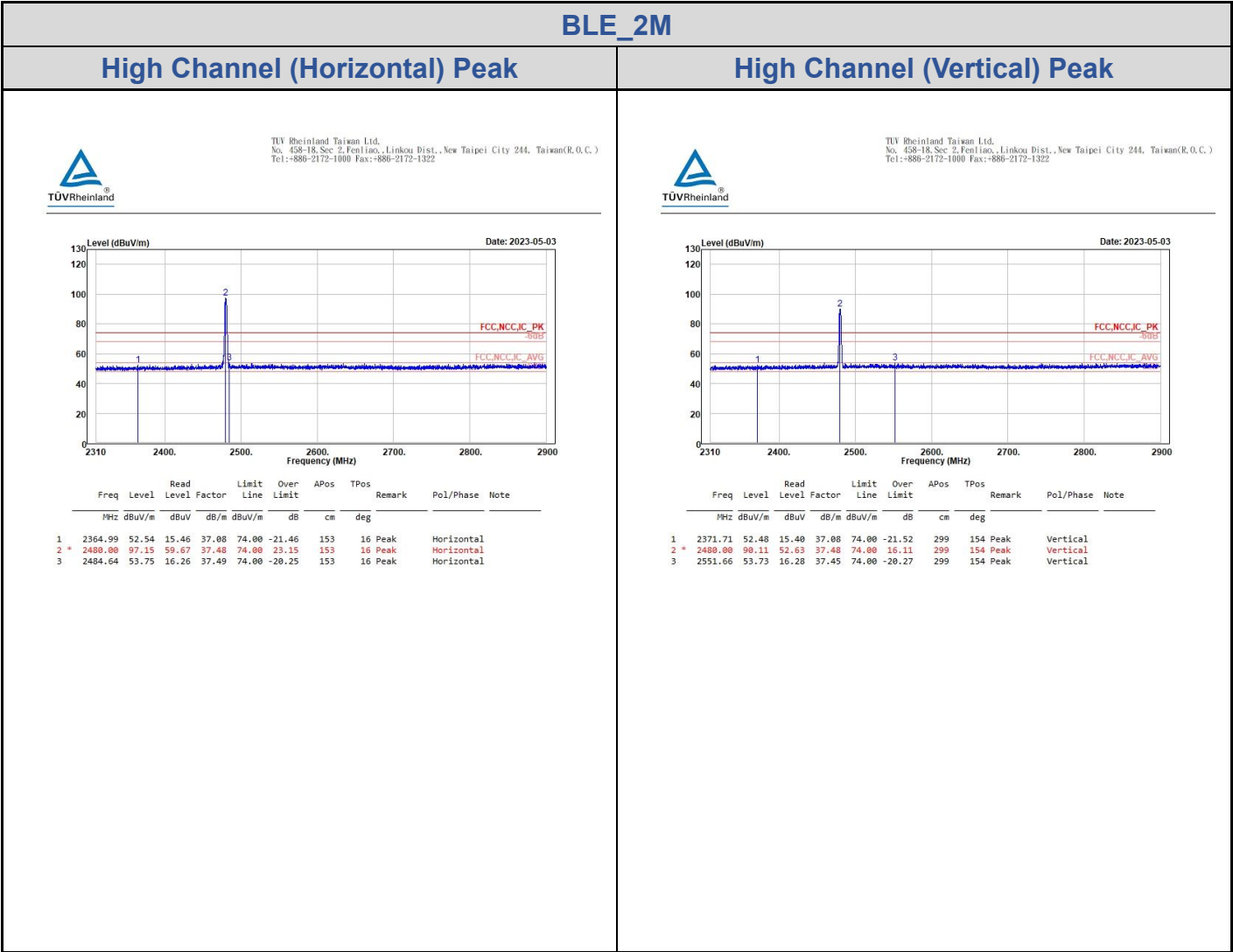


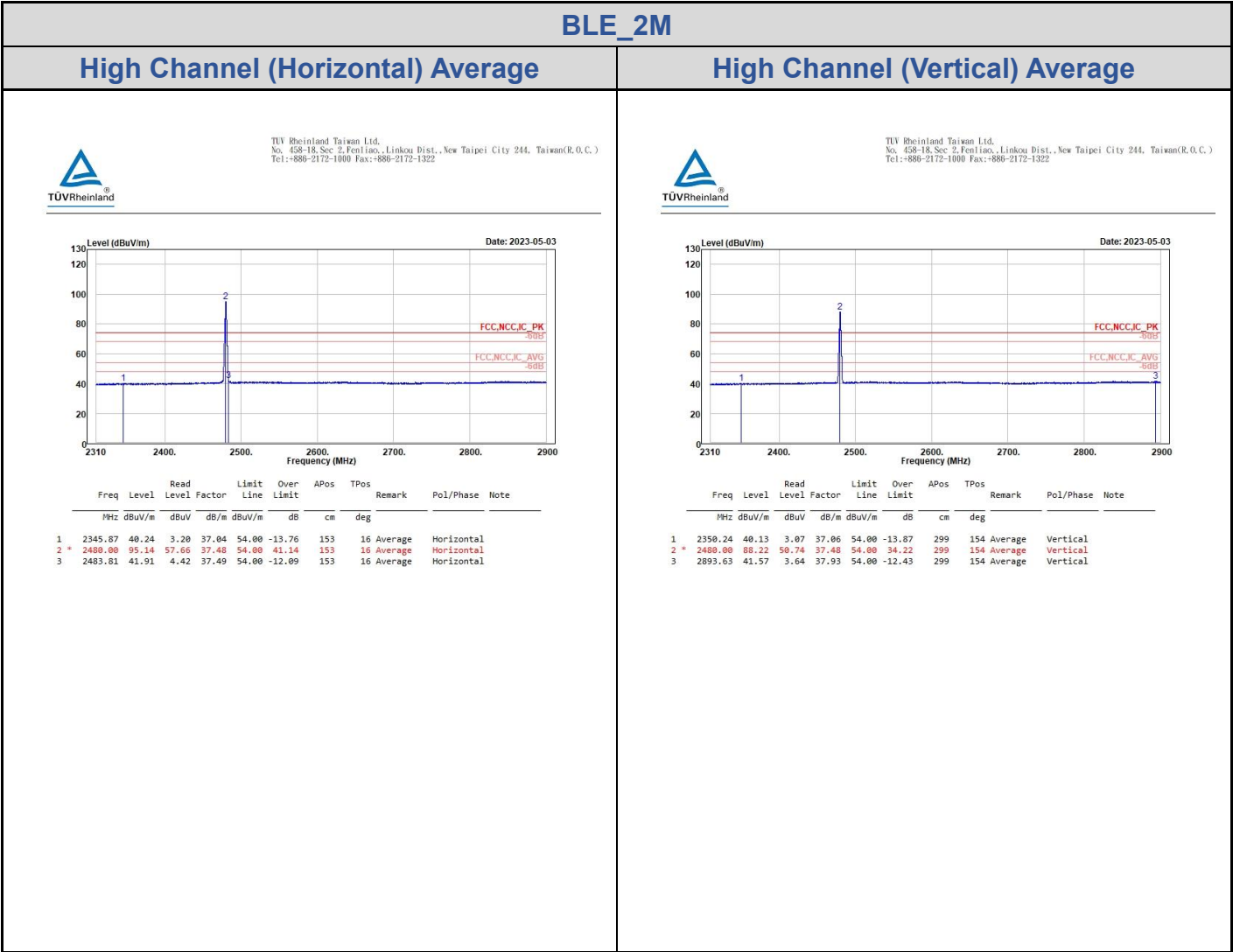




	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2378.56	52.31	15.22	37.09	74.00	-21.69	329	275 Peak		Vertical	
2	2440.00	93.03	55.65	37.38	74.00	19.03	329	275 Peak		Vertical	
3	2543.52	53.38	15.93	37.45	74.00	-20.62	329	275 Peak		Vertical	







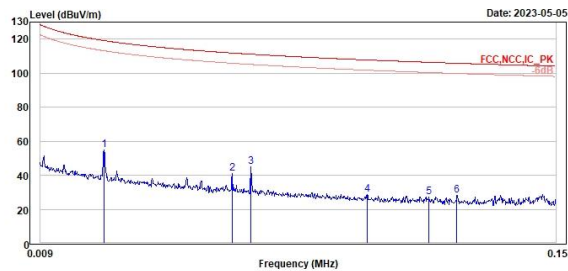
Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

BLE_2M

High Channel (Open) 9kHz~150kHz



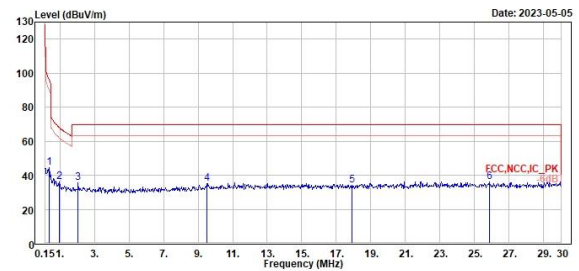
TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliiao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	0.03	55.09	36.14	18.95	119.13	-64.04	100	265	Peak	Open	
2	0.06	40.88	22.03	18.85	111.82	-70.94	100	344	Peak	Open	
3	0.07	44.91	26.19	18.72	111.12	-66.21	100	158	Peak	Open	
4	0.10	28.43	18.46	17.97	107.74	-79.31	100	192	Peak	Open	
5	0.12	27.38	9.39	17.99	106.36	-78.98	100	155	Peak	Open	
6	0.12	28.36	10.34	18.02	105.80	-77.44	100	28	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	dB	cm	deg			
1	0.39	44.30	25.51	18.79	95.81	-51.51	100	151	Peak	Open	
2	0.99	35.95	16.89	19.06	67.73	-31.78	100	178	Peak	Open	
3	2.06	35.56	16.18	19.38	69.50	-33.94	100	178	Peak	Open	
4	9.52	35.00	13.64	21.36	69.50	-34.50	100	136	Peak	Open	
5	17.91	33.93	11.84	22.09	69.50	-35.57	100	310	Peak	Open	
6	25.88	36.10	13.81	22.29	69.50	-33.40	100	113	Peak	Open	

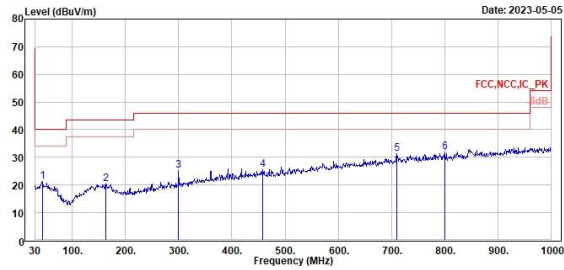
Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

BLE_2M

High Channel (Horizontal)



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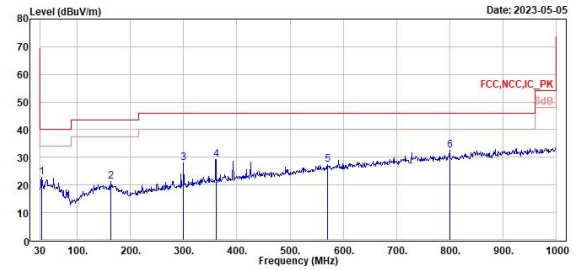


	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	43.58	21.44	28.71	-7.27	40.00	-18.56		300	15	Peak	Horizontal	
2	162.89	20.36	27.62	-7.26	43.50	-23.14		400	97	Peak	Horizontal	
3	299.66	25.34	32.00	-6.66	46.00	-20.66		200	183	Peak	Horizontal	
4	437.77	25.54	28.88	-3.34	46.00	-20.46		300	327	Peak	Horizontal	
5	709.97	31.34	30.04	1.30	46.00	-14.66		250	3	Peak	Horizontal	
6	800.18	32.06	29.22	2.84	46.00	-13.94		100	226	Peak	Horizontal	

High Channel (Vertical)

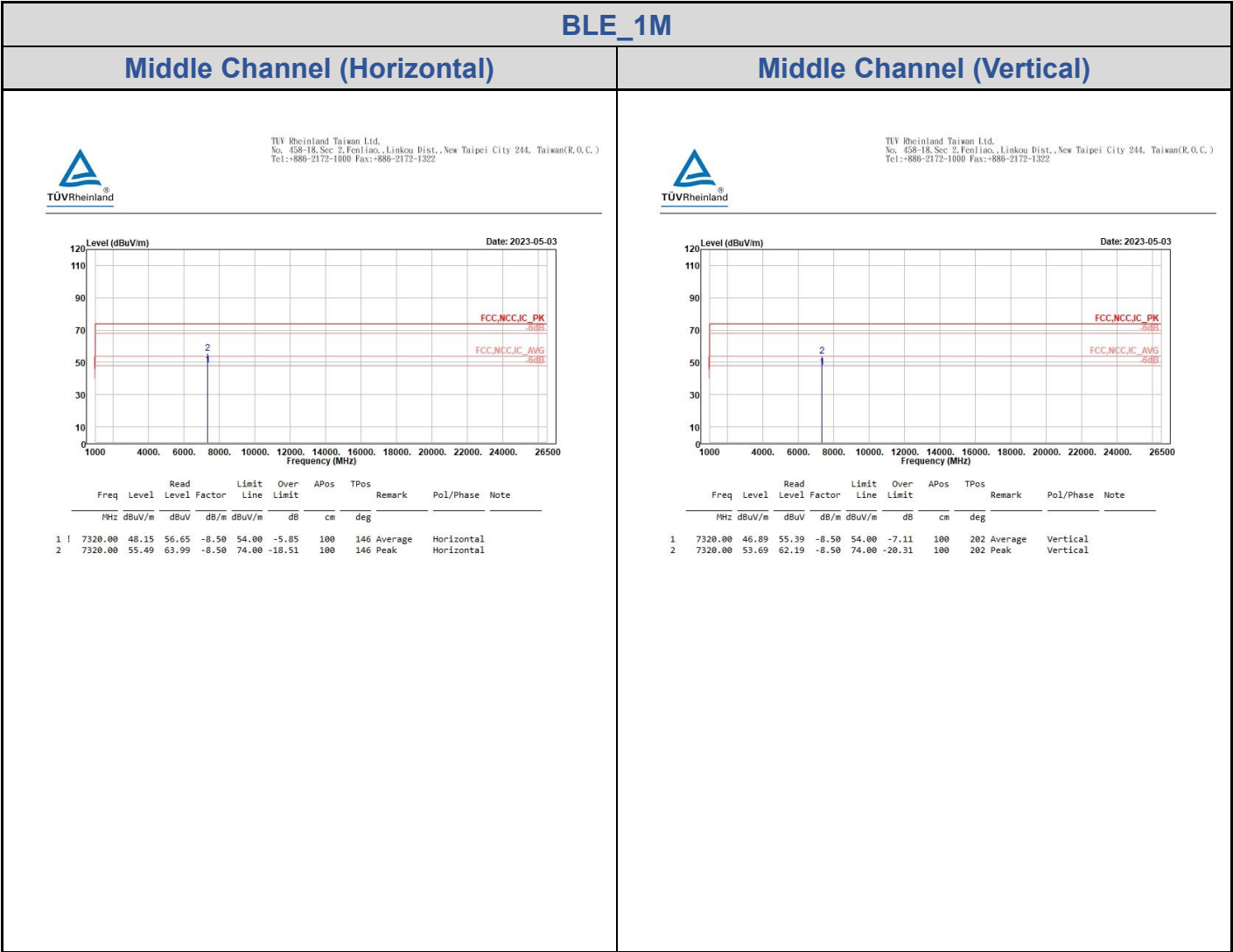


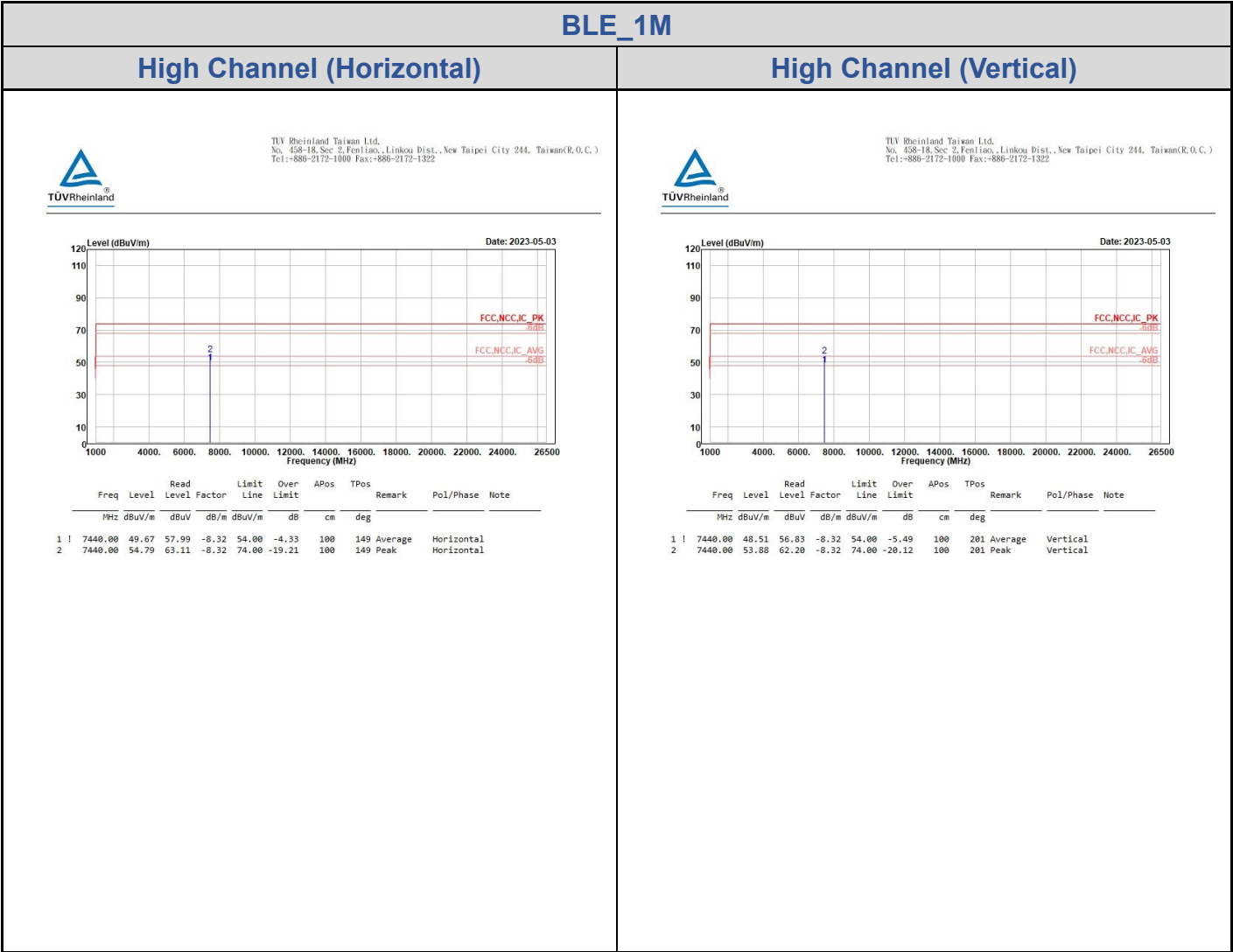
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No. 439-18, Sec 2, Fenhua Rd., Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

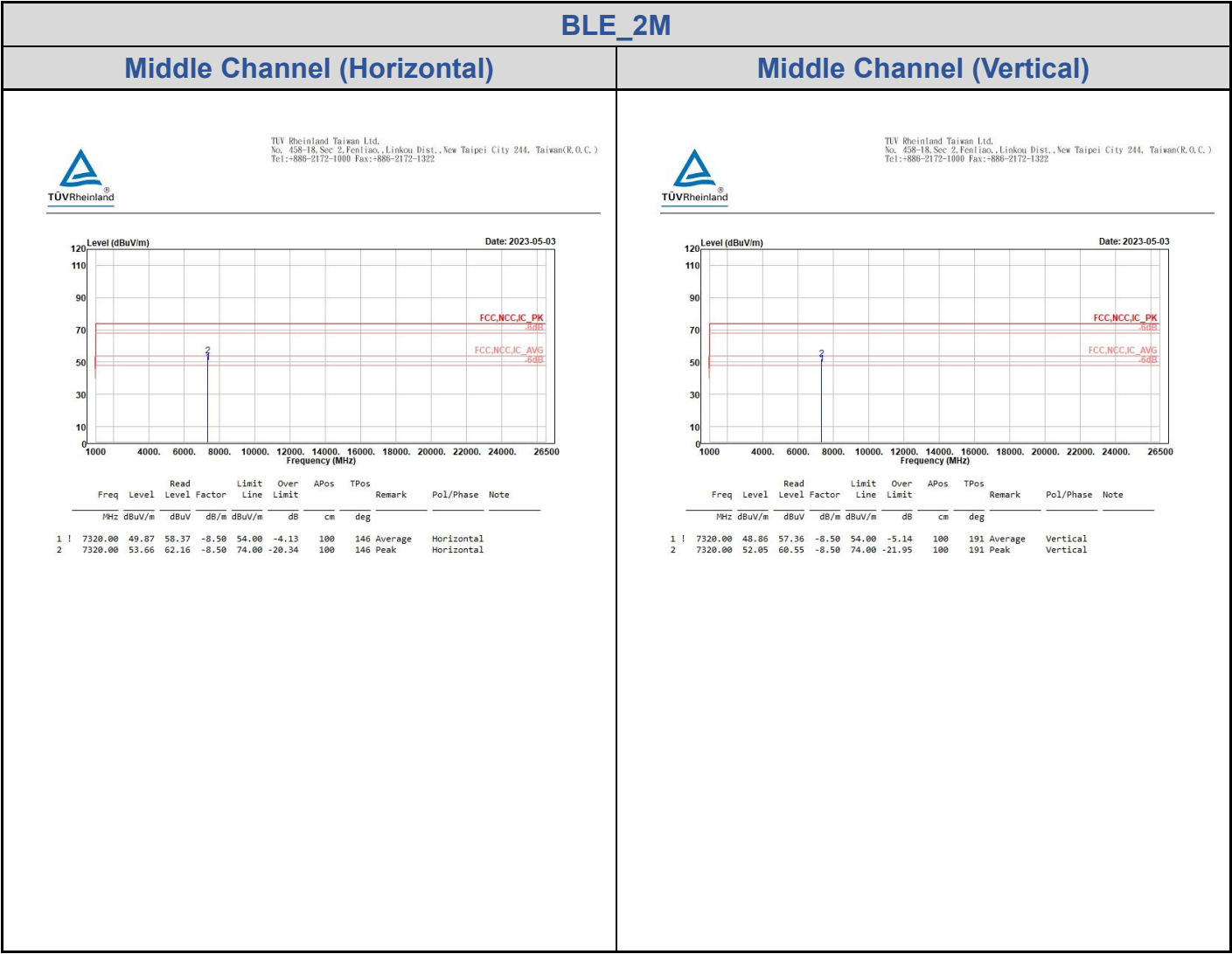


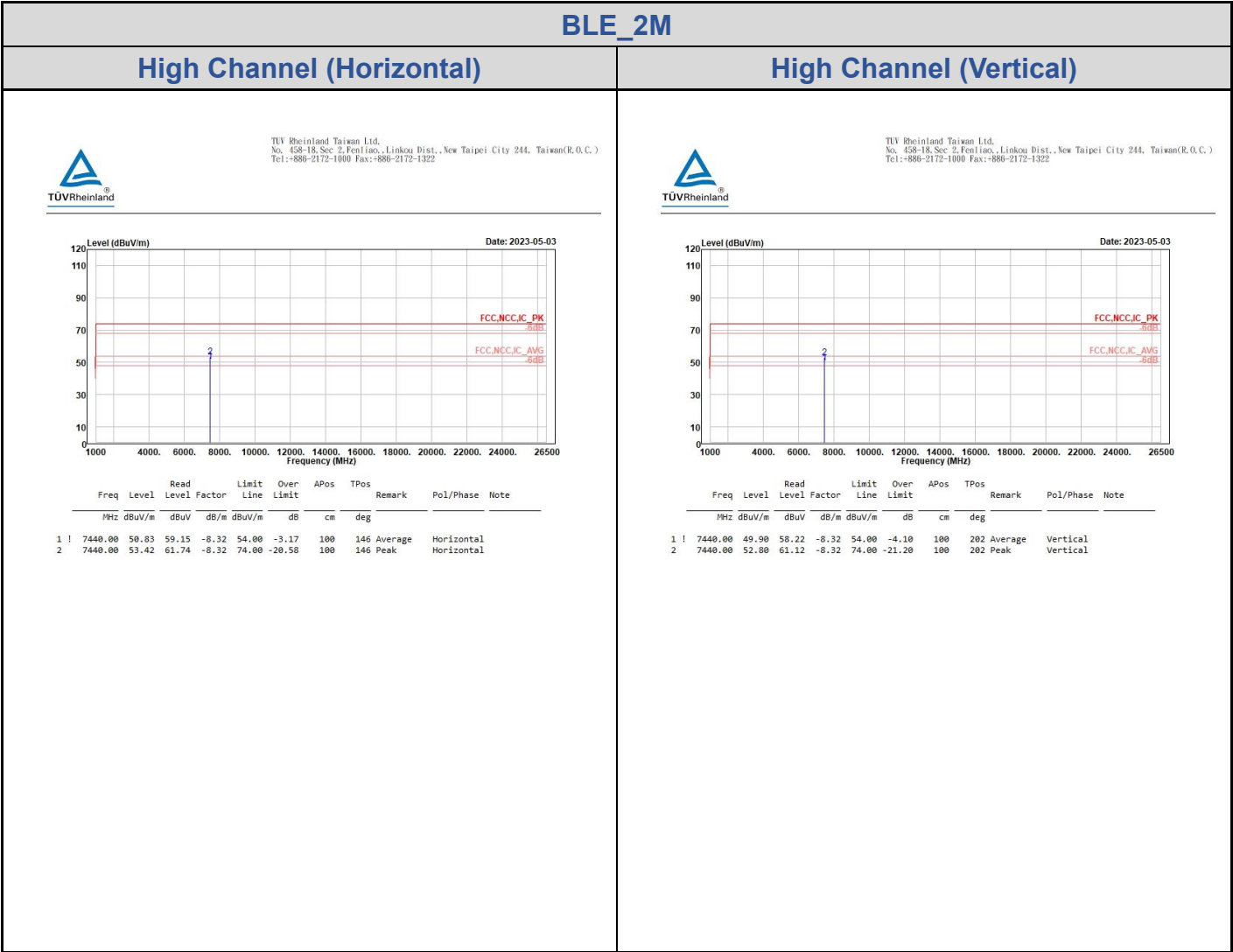
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	dB	cm	deg			
1	32.91	22.92	31.79	-8.87	40.00	-17.08		100	220	Peak	Vertical	
2	162.89	21.18	28.44	-7.26	43.50	-22.32		200	212	Peak	Vertical	
3	299.66	27.85	34.51	-6.66	46.00	-18.15		100	277	Peak	Vertical	
4	360.77	29.25	34.04	-5.39	46.00	-16.75		100	85	Peak	Vertical	
5	571.26	27.31	28.45	-1.14	46.00	-18.69		300	250	Peak	Vertical	
6	800.18	32.69	29.85	2.84	46.00	-13.31		100	71	Peak	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	4804.00	32.62	43.02	-10.40	54.00	-21.38	100	86	Average	Vertical	
2	4804.00	40.65	51.05	-10.40	74.00	-33.35	100	86	Peak	Vertical	









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

