

Appendix B: Test Results of Radiation Spurious Emissions & Mains

Conducted Emission

Band Edges, 4.5GHz ~ 7GHz

U-NII-1

802.11a

CH 36 (Horizontal) Peak

TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

Level (dBuV/m) Date: 2023-10-27

FCC PK(B1-B3)
-20dB
-60dB

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	5148.50	57.31	14.42	42.89	74.00	-16.69	366	214	Peak	Horizontal		
2 *	5180.00	103.53	68.55	42.98	68.20	35.33	366	214	Peak	Horizontal		
3	5439.00	57.28	14.04	43.24	74.00	-16.72	366	214	Peak	Horizontal		

CH 36 (Vertical) Peak

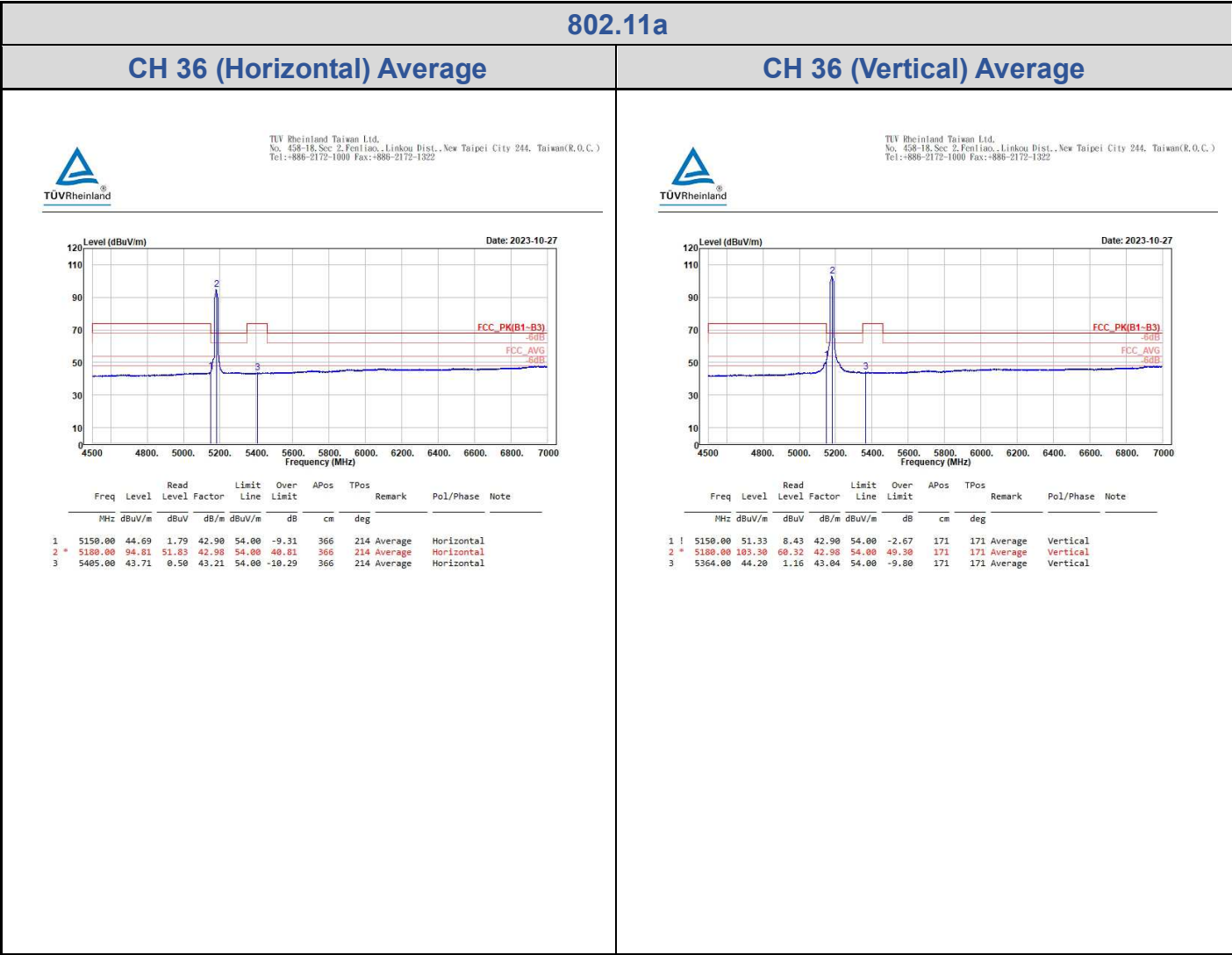
TUV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

Level (dBuV/m) Date: 2023-10-27

FCC PK(B1-B3)
-20dB
-60dB

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	5150.00	66.63	23.73	42.90	68.20	-1.57	171	171	Peak	Vertical		
2 *	5180.00	113.19	78.21	42.98	68.20	44.99	171	171	Peak	Vertical		
3	5403.00	56.98	13.77	43.21	74.00	-17.02	171	171	Peak	Vertical		



802.11a

CH 40 (Horizontal) Peak

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Level (dBuV/m) Date: 2023-10-27

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	5150.00	57.12	14.22	42.90	68.20	-11.08	100	200	Peak	Horizontal	
2	5200.00	105.51	62.47	43.04	68.20	37.31	100	200	Peak	Horizontal	
3	5455.50	56.47	13.21	43.26	74.00	-17.53	100	200	Peak	Horizontal	

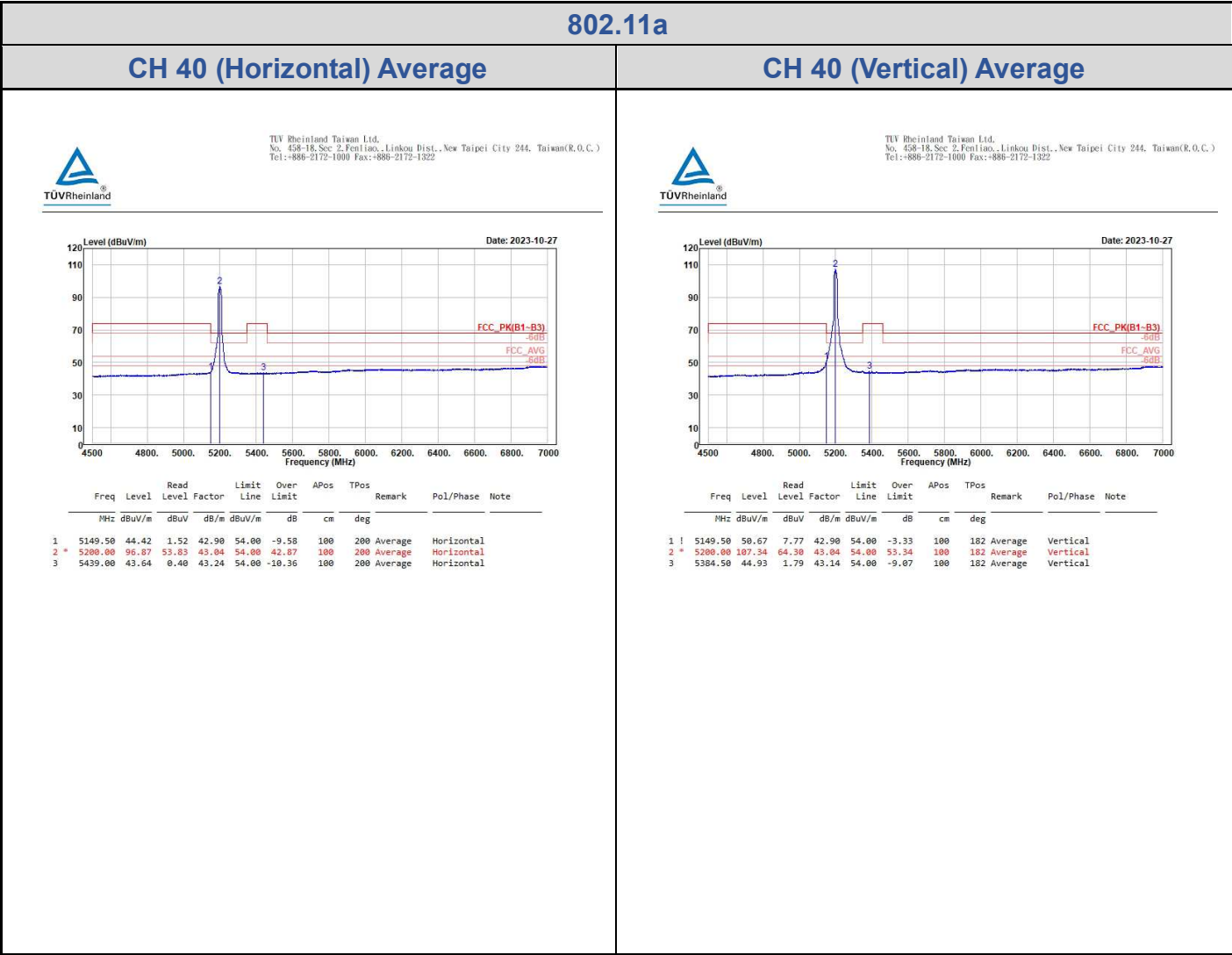
CH 40 (Vertical) Peak

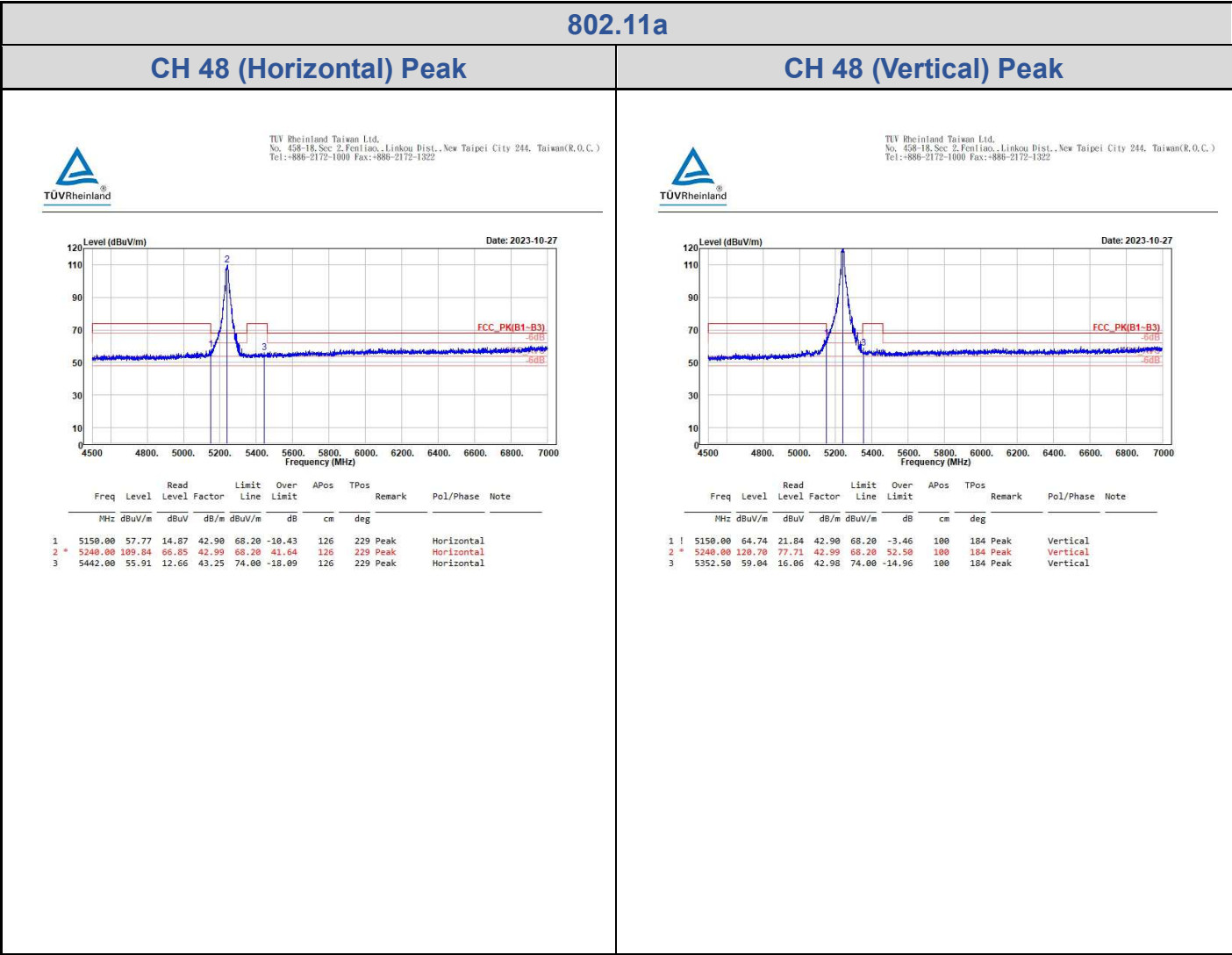
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

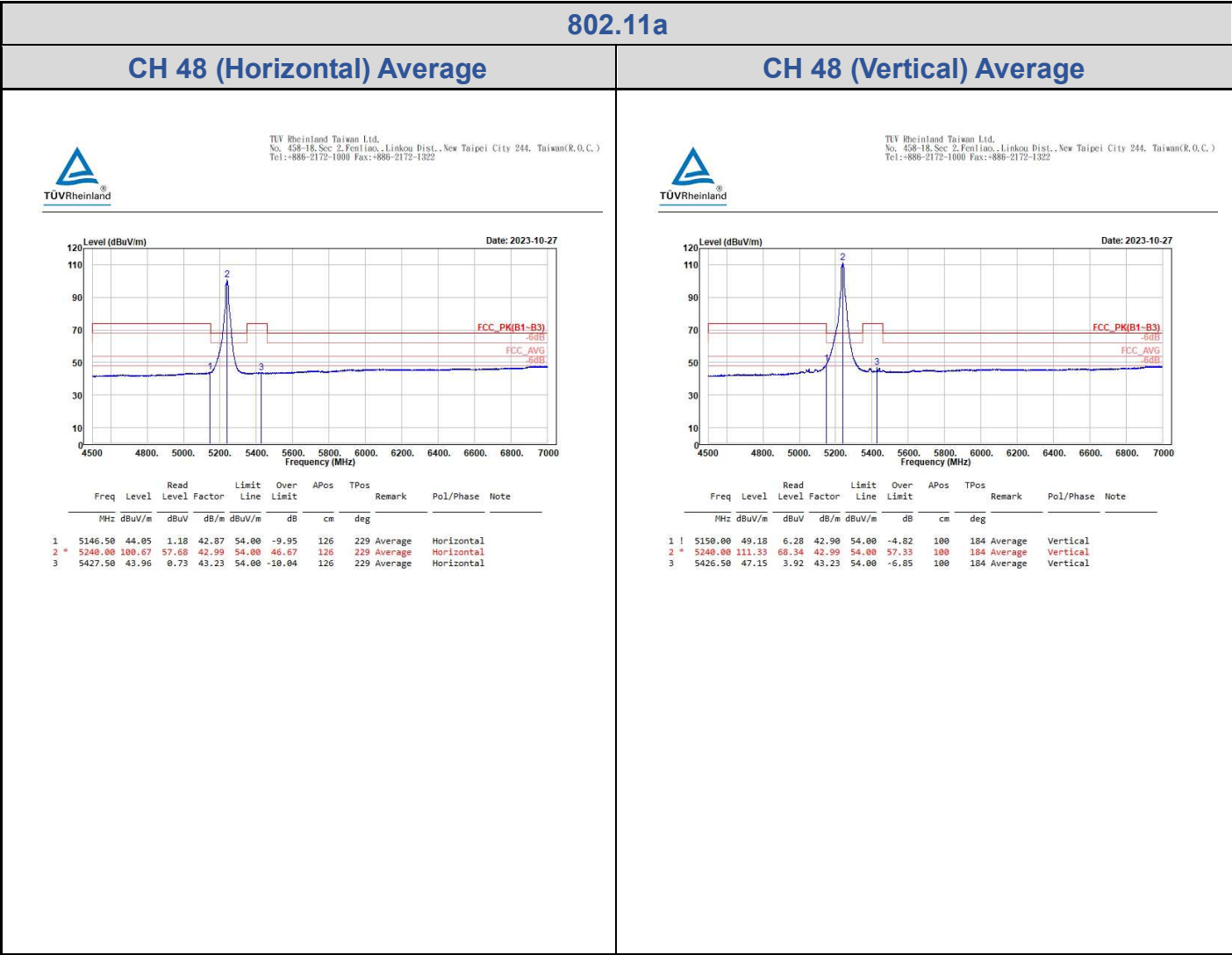
Level (dBuV/m) Date: 2023-10-27

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	5150.00	62.74	19.84	42.90	68.20	-5.46	100	182	Peak	Vertical	
2	5200.00	116.24	73.20	43.04	68.20	48.04	100	182	Peak	Vertical	
3	5386.50	57.24	14.09	43.15	74.00	-16.76	100	182	Peak	Vertical	







802.11ac VHT20

CH 36 (Horizontal) Peak

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Level (dBuV/m) Date: 2023-10-27

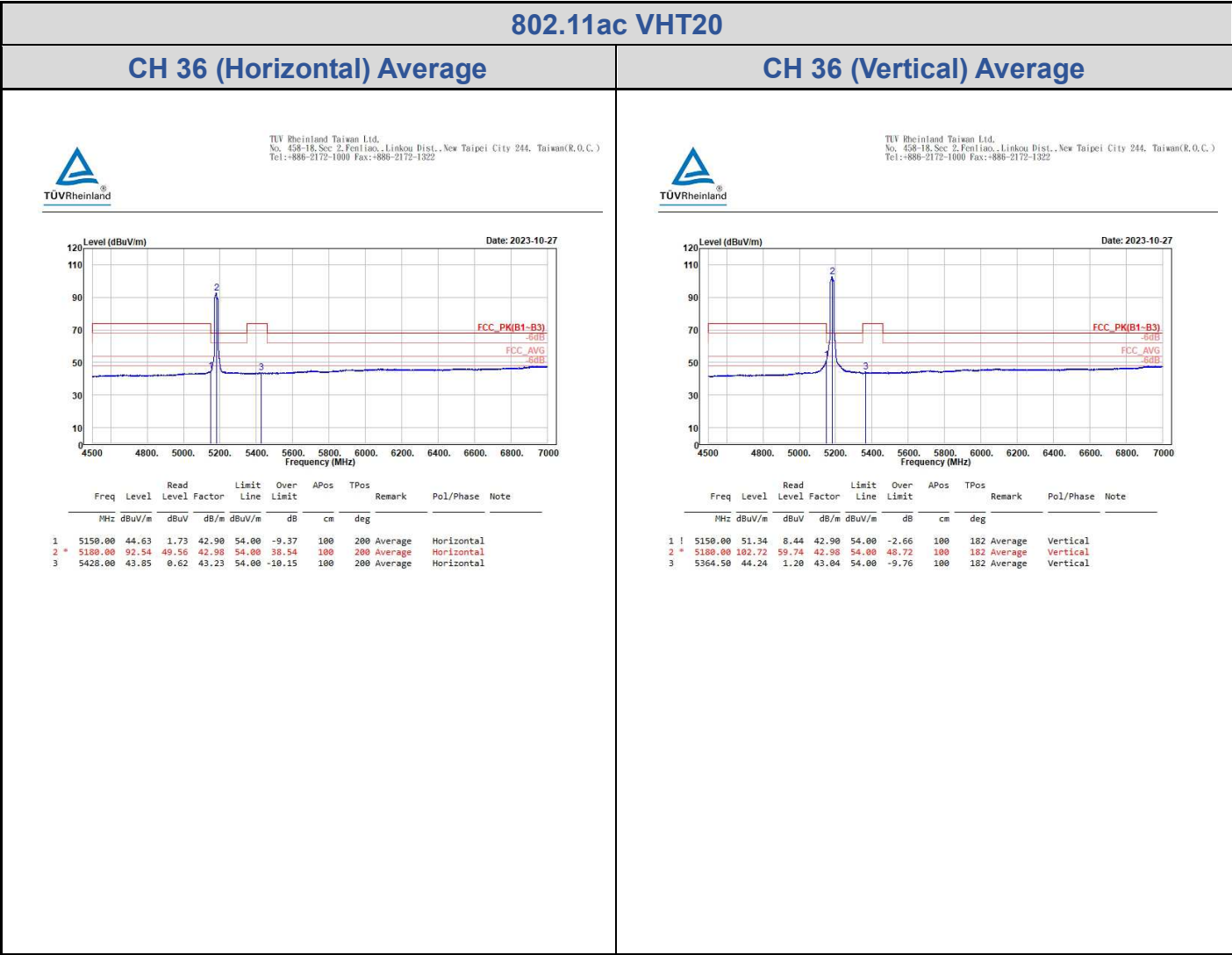
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5148.50	56.55	13.66	42.89	74.00	-17.45	100	200	Peak	Horizontal	
2 *	5180.00	102.71	59.73	42.98	68.20	34.51	100	200	Peak	Horizontal	
3	5393.00	55.94	12.77	43.17	74.00	-18.06	100	200	Peak	Horizontal	

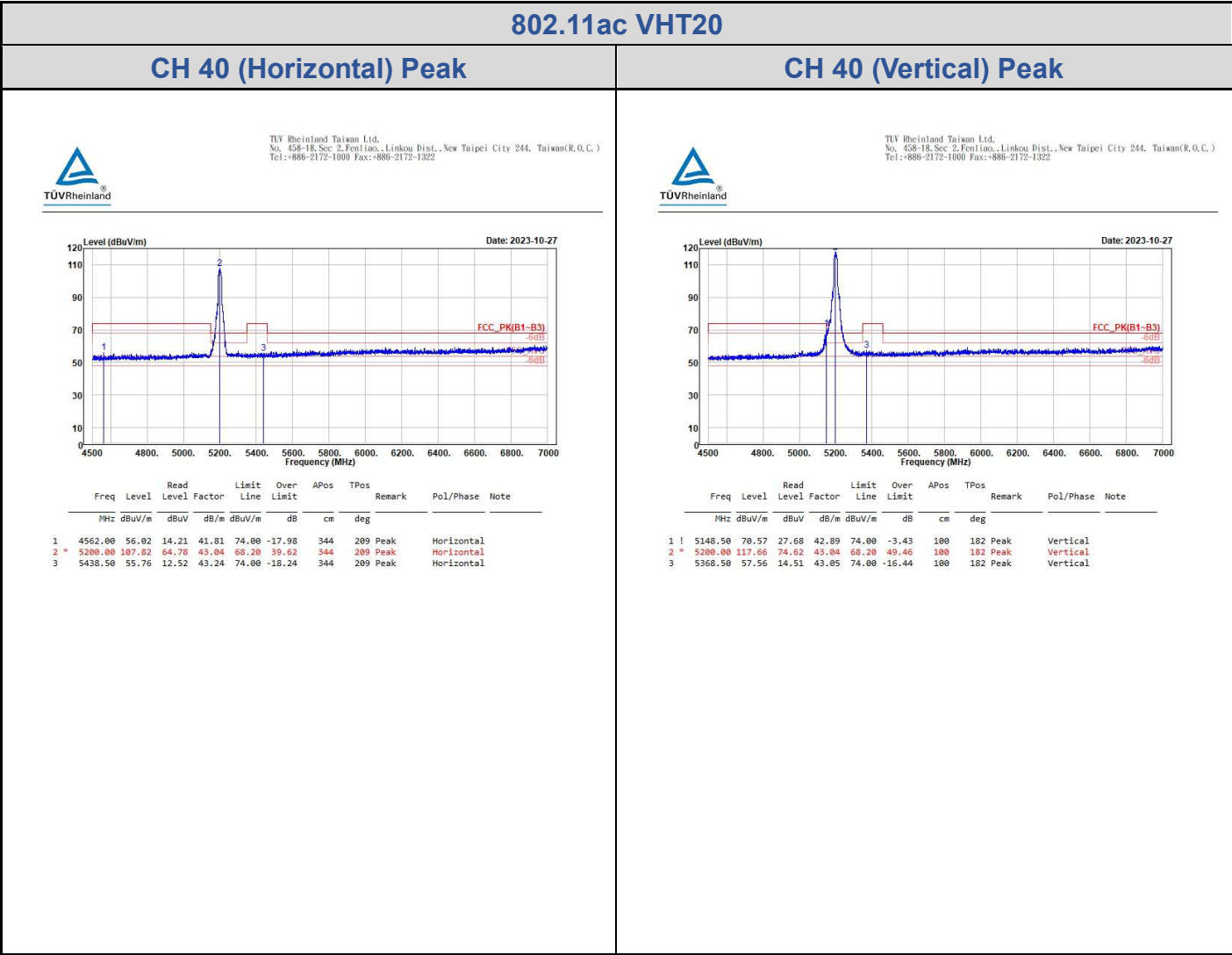
CH 36 (Vertical) Peak

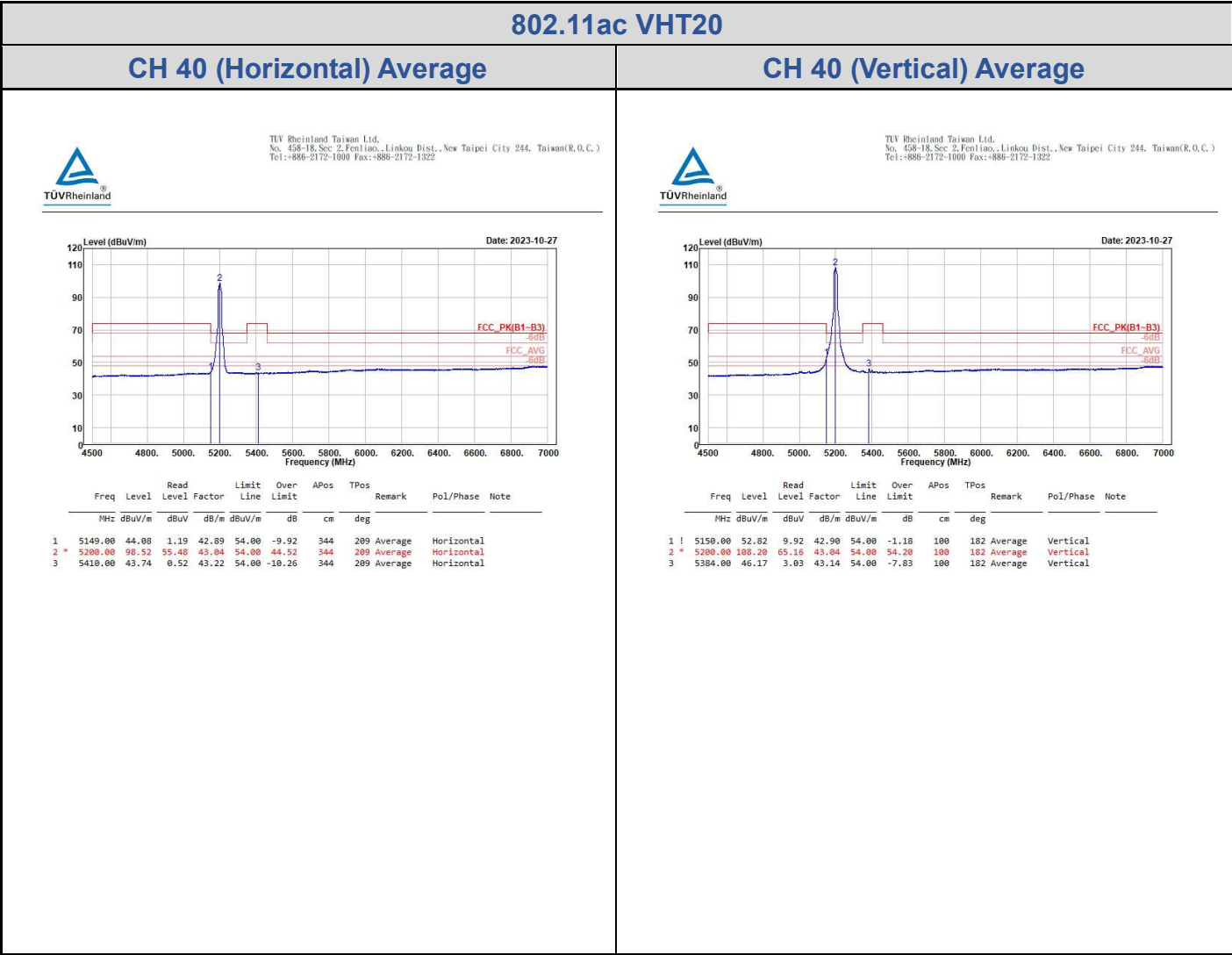
TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec. 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

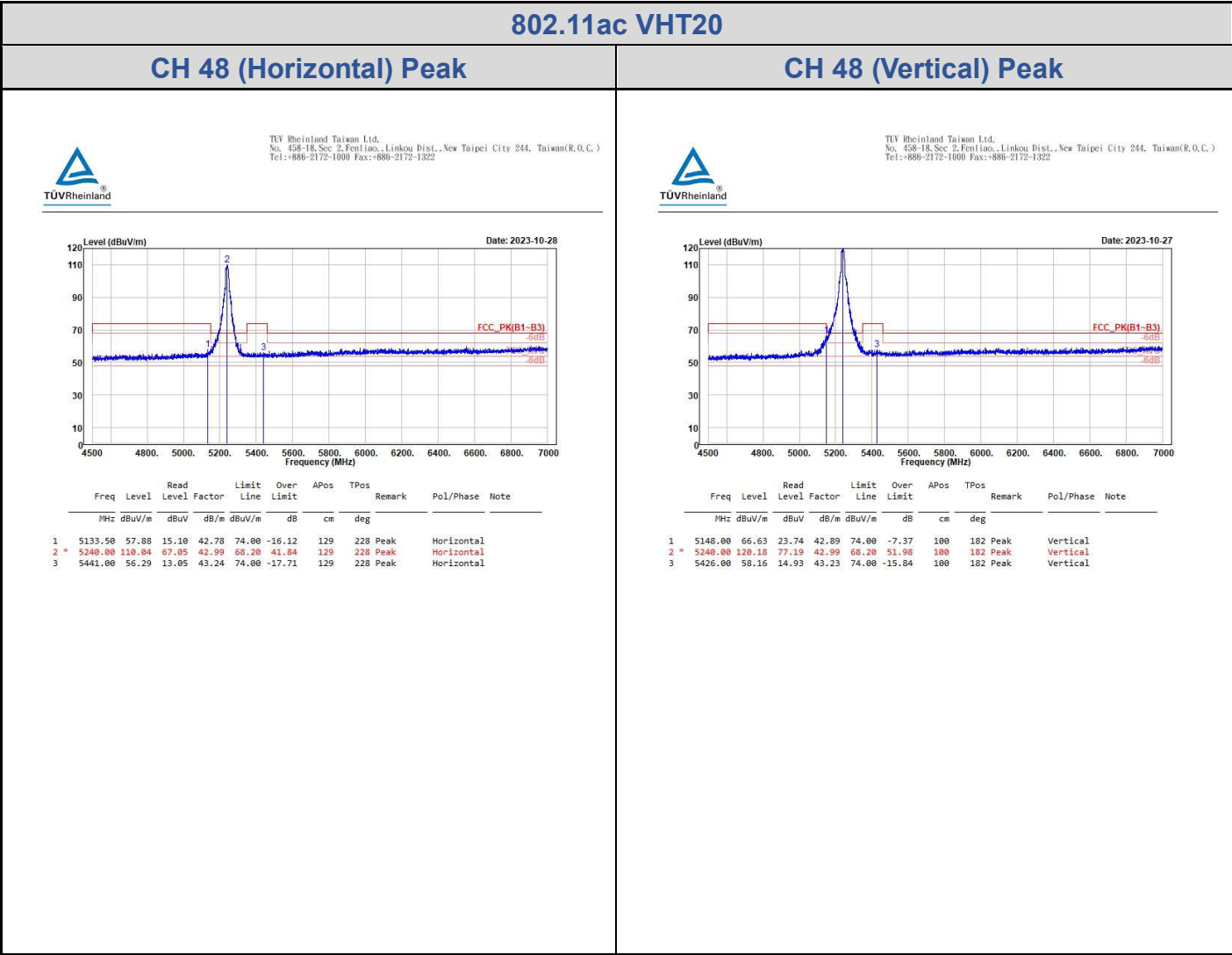
Level (dBuV/m) Date: 2023-10-27

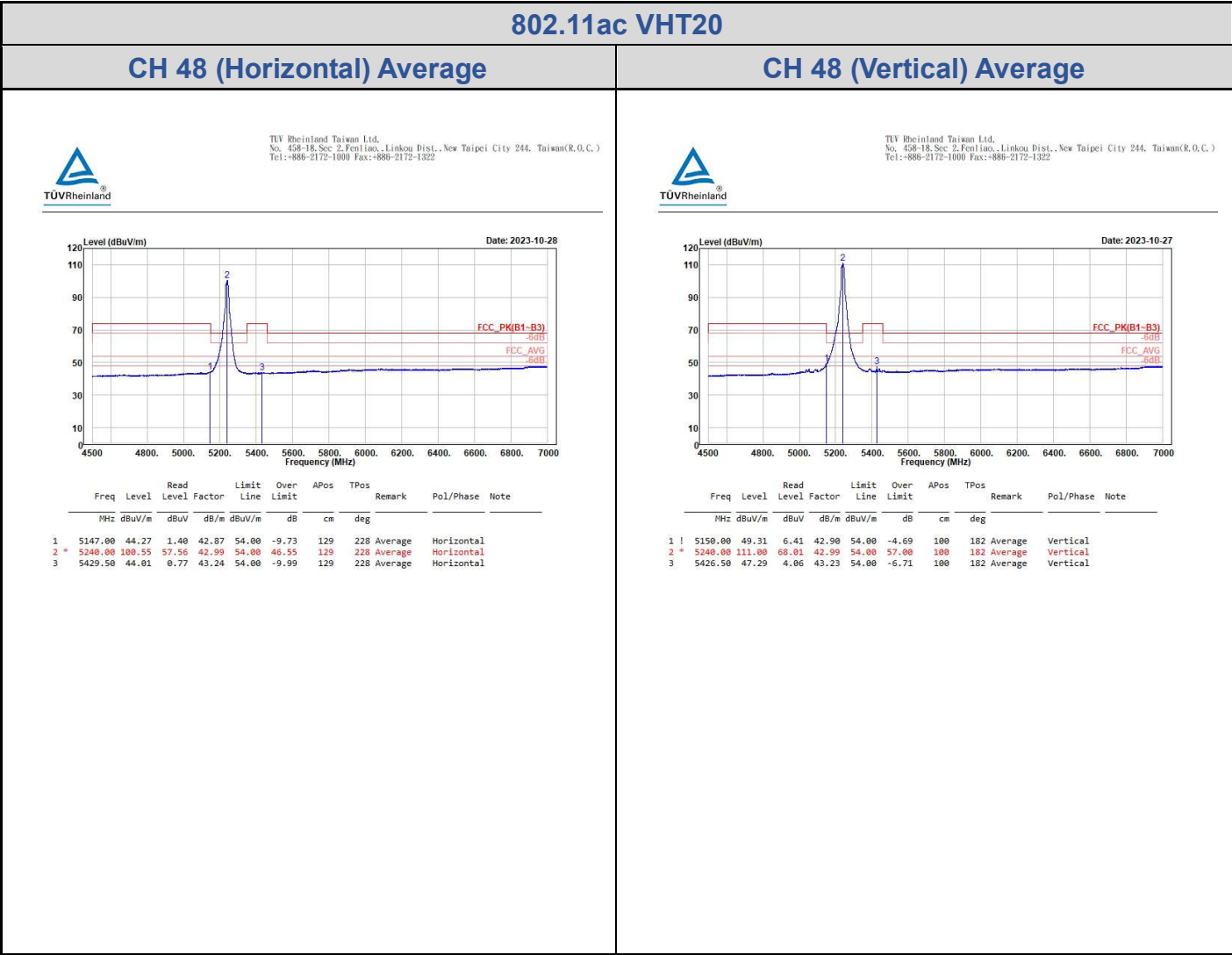
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5149.50	64.89	21.99	42.90	74.00	-9.11	100	182	Peak	Vertical	
2 *	5180.00	112.20	69.22	42.98	68.20	44.00	100	182	Peak	Vertical	
3	5393.50	57.07	13.90	43.17	74.00	-16.93	100	182	Peak	Vertical	

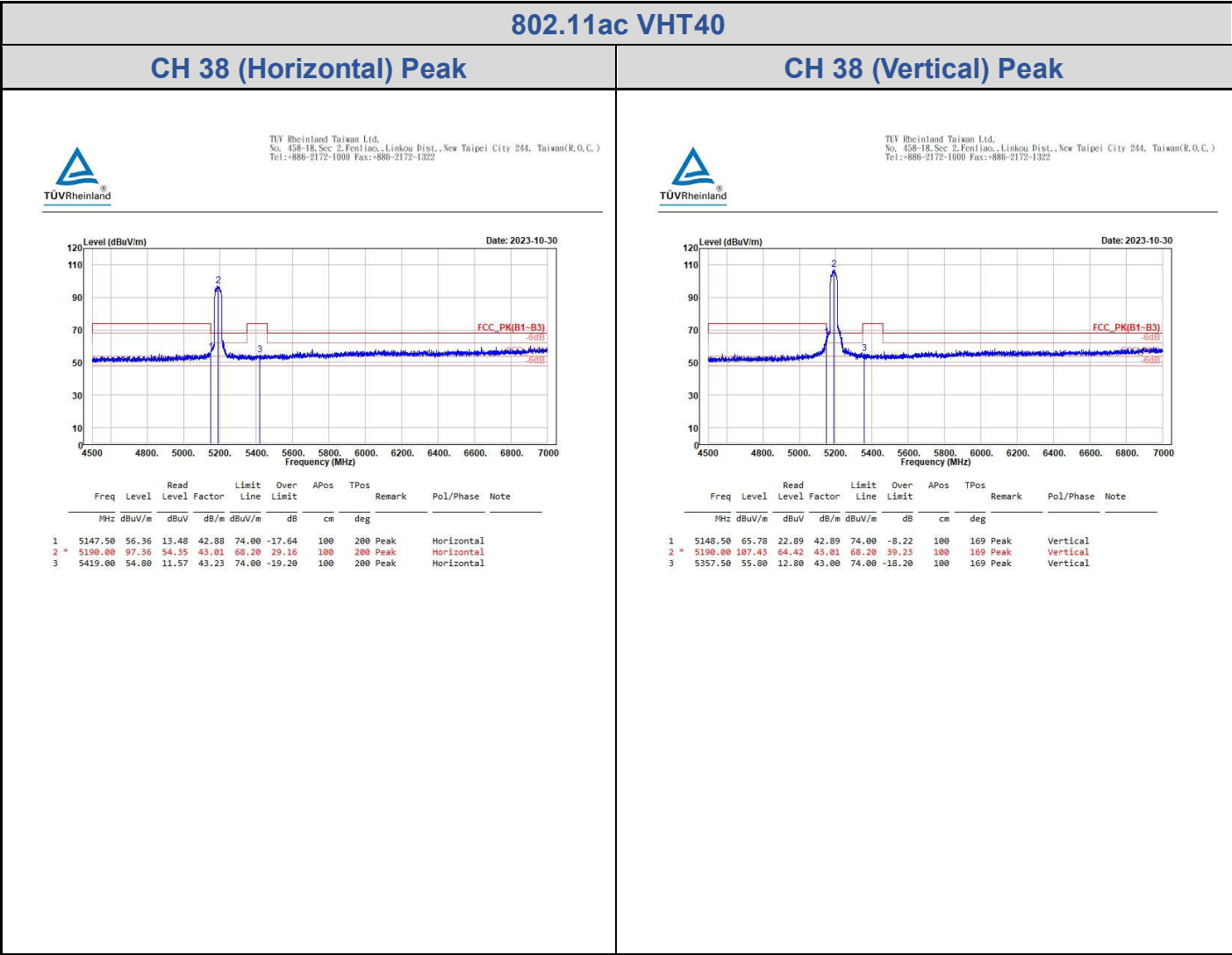


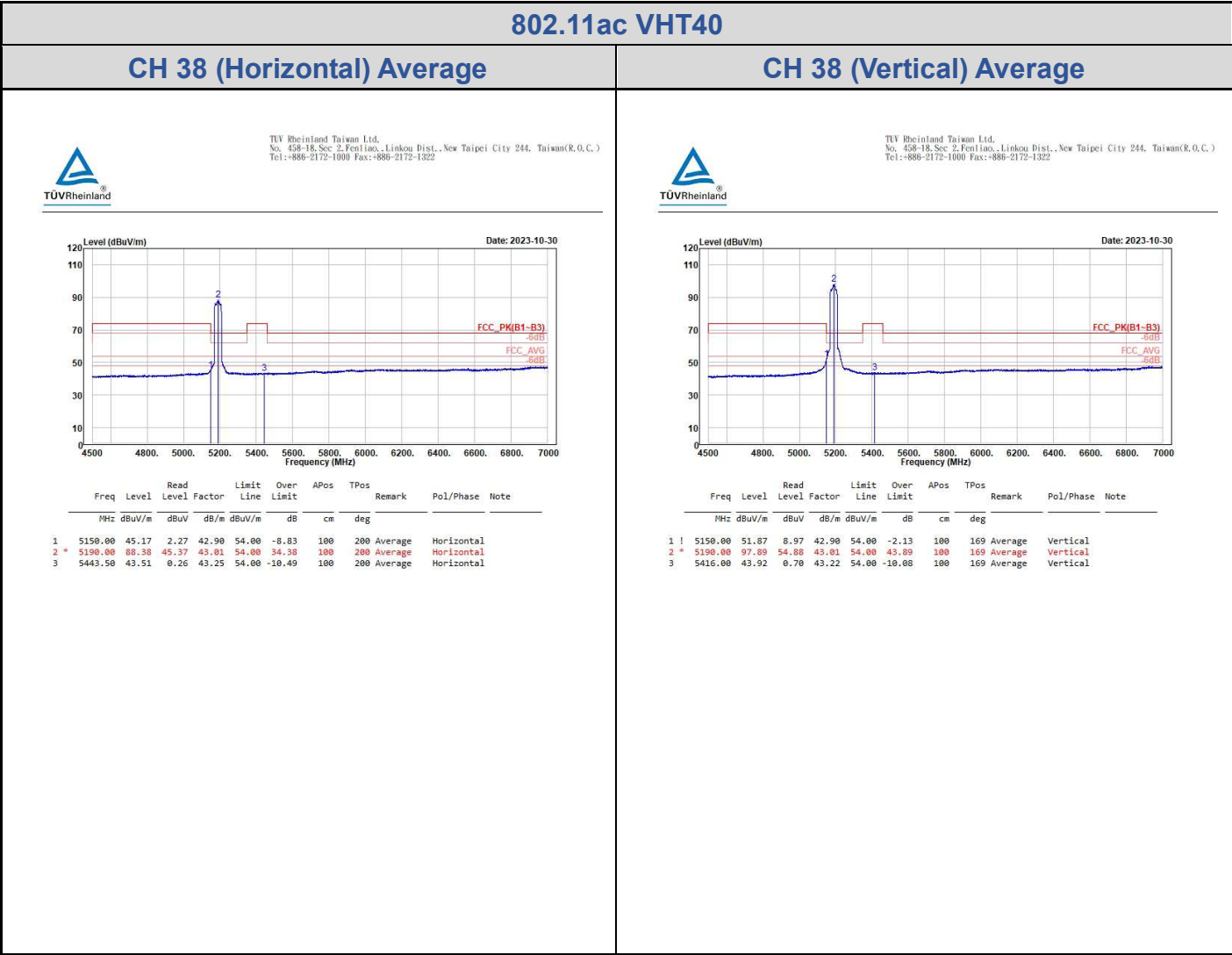


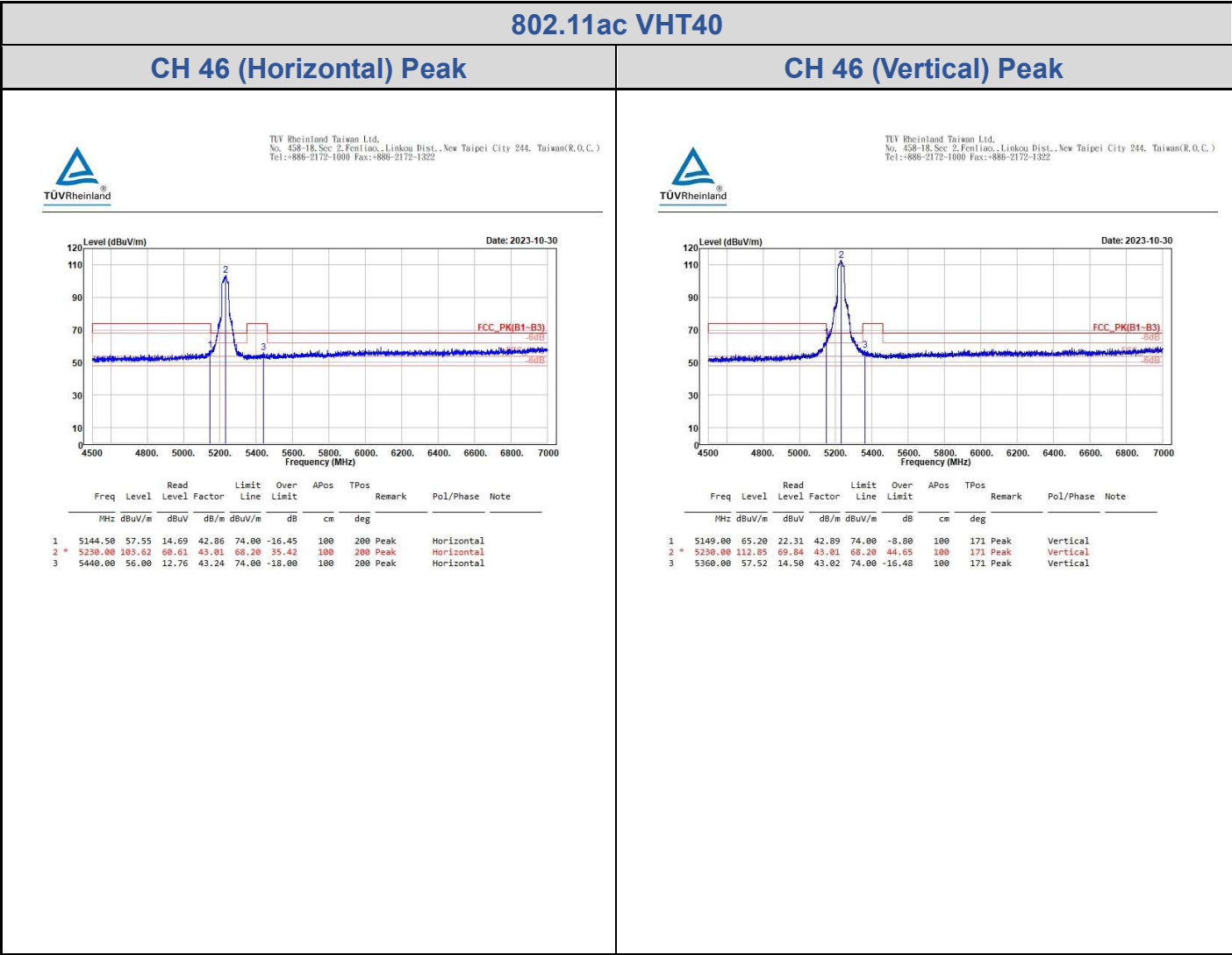


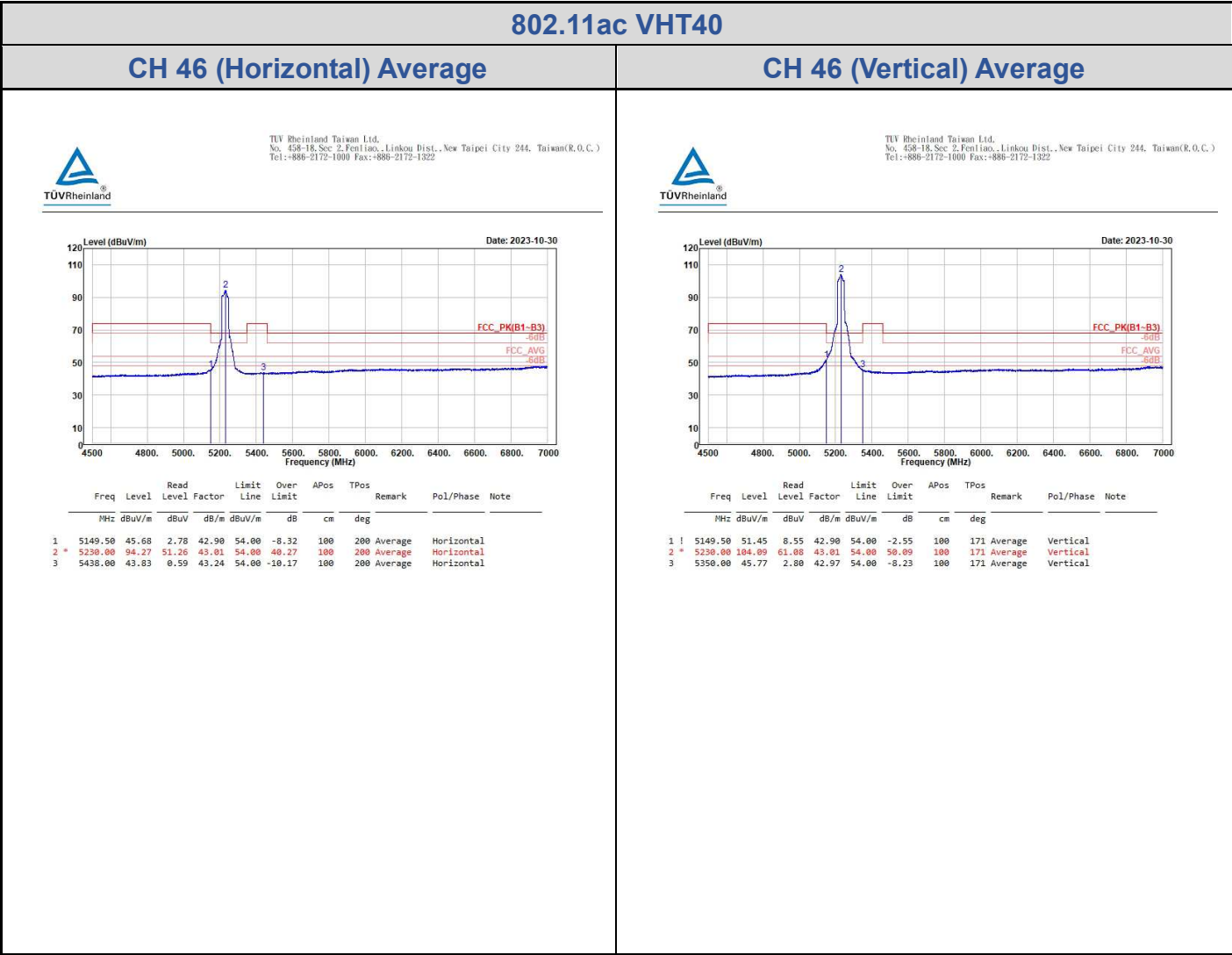


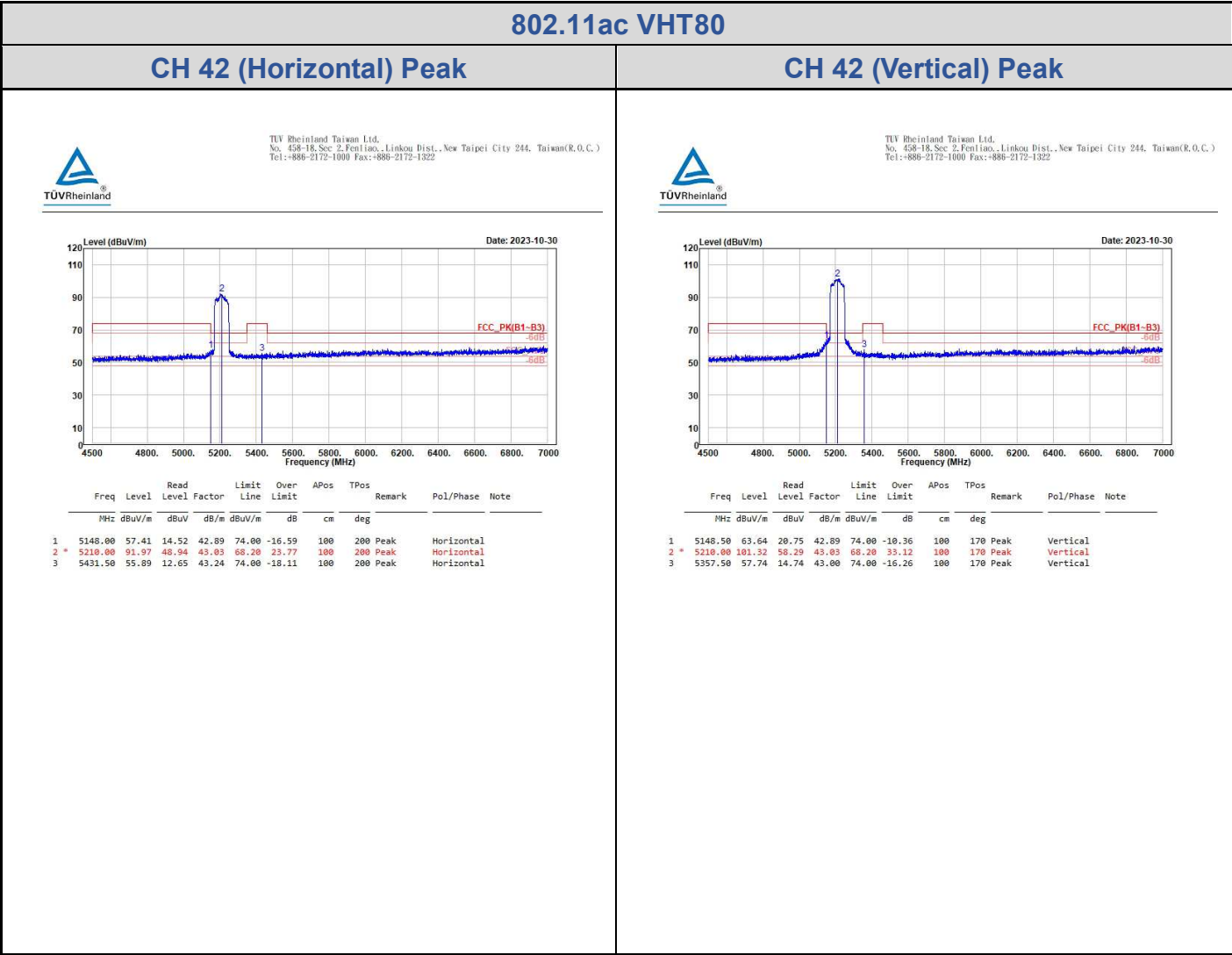


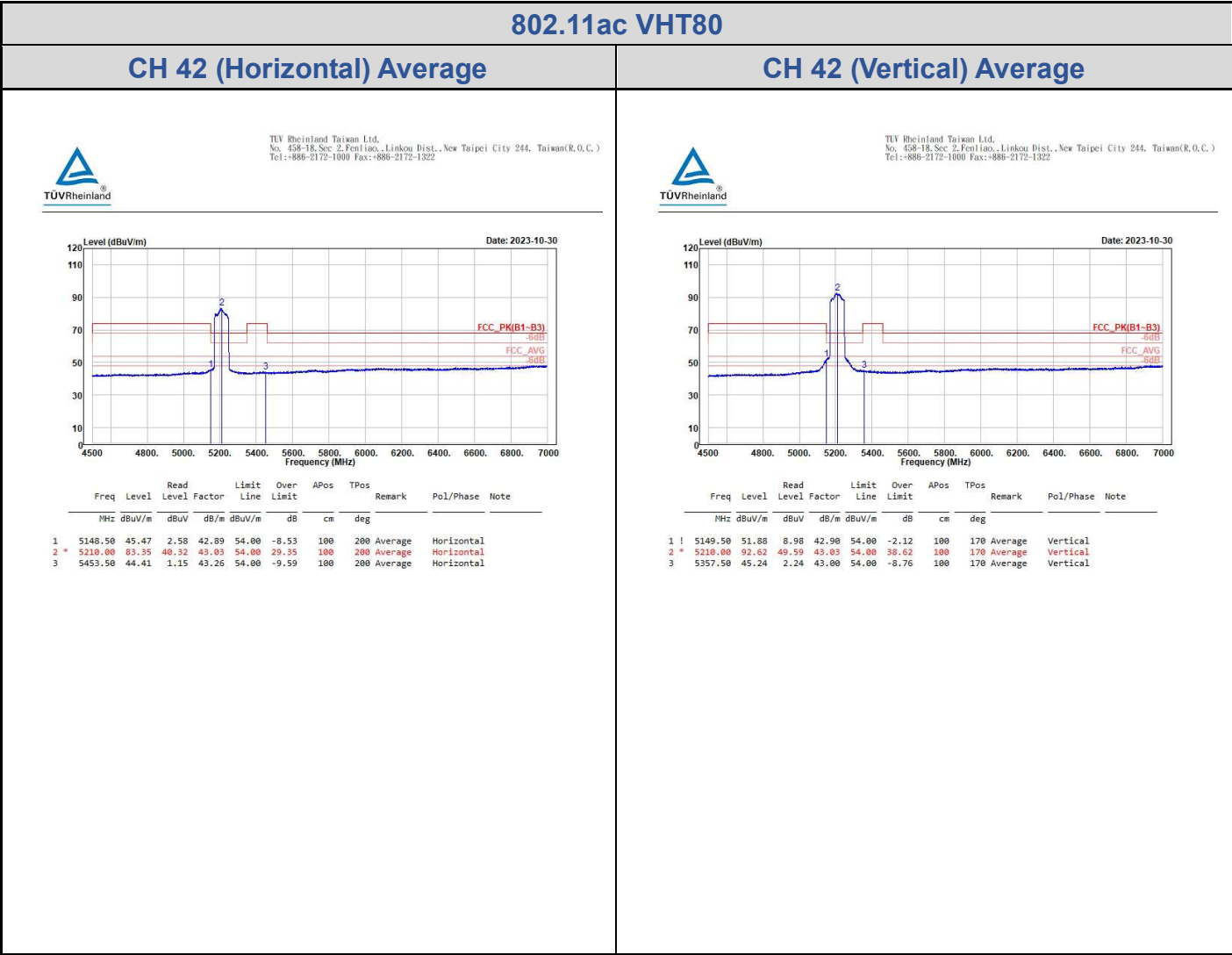












Band Edges, 4.5 ~ 7GHz

U-NII-2A

802.11a

CH 52 (Horizontal) Peak

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

Level (dBuV/m) Date: 2023-10-27

Frequency (MHz)

FCC_PK(B1-B3)

-60dB

-60dB

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5041.50	56.20	13.61	42.59	74.00	-17.80	100	199	Peak	Horizontal	
2 *	5268.00	109.10	66.13	42.97	68.20	40.90	100	199	Peak	Horizontal	
3	5390.50	56.18	13.02	43.16	74.00	-17.82	100	199	Peak	Horizontal	

CH 52 (Vertical) Peak

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

Level (dBuV/m) Date: 2023-10-27

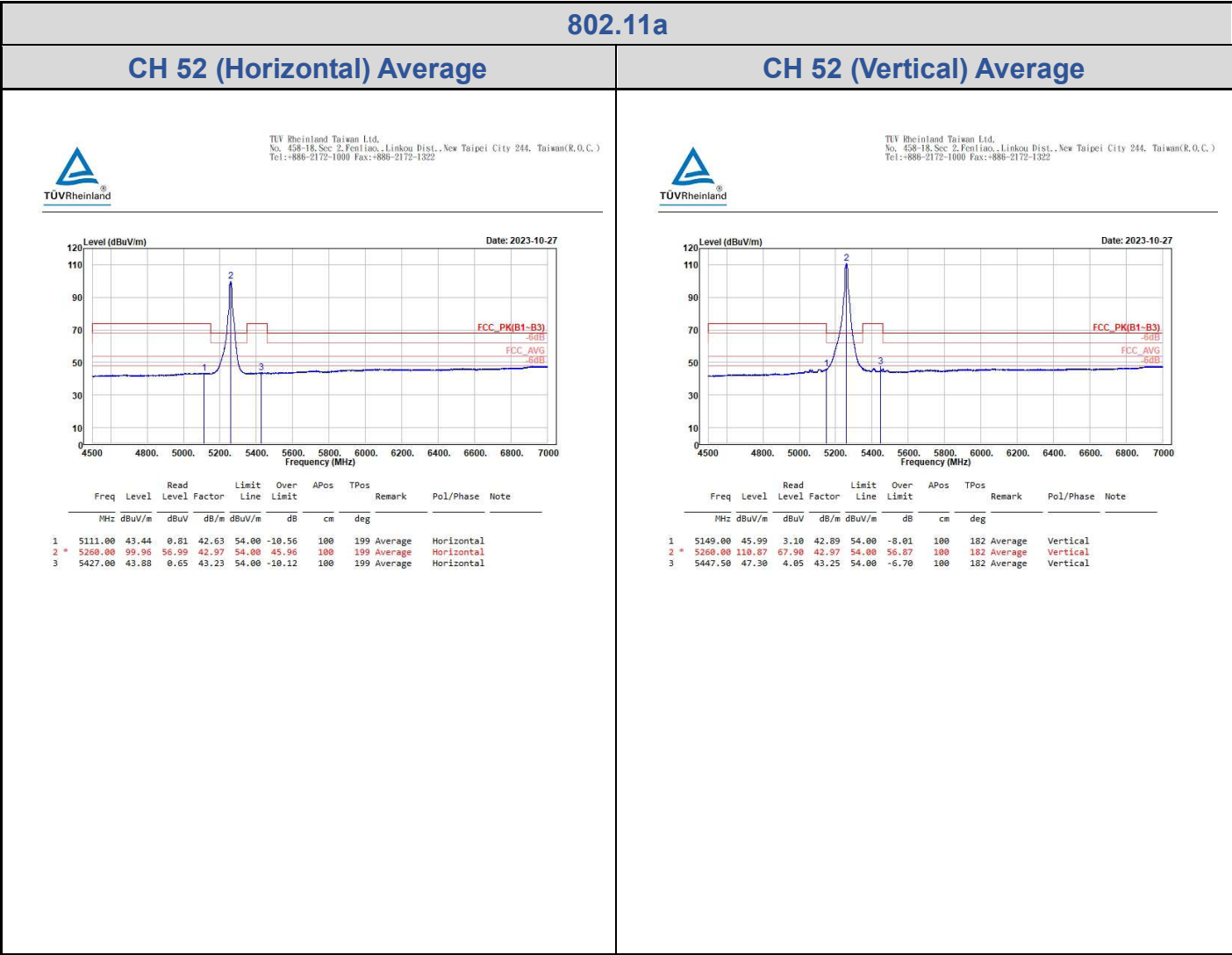
Frequency (MHz)

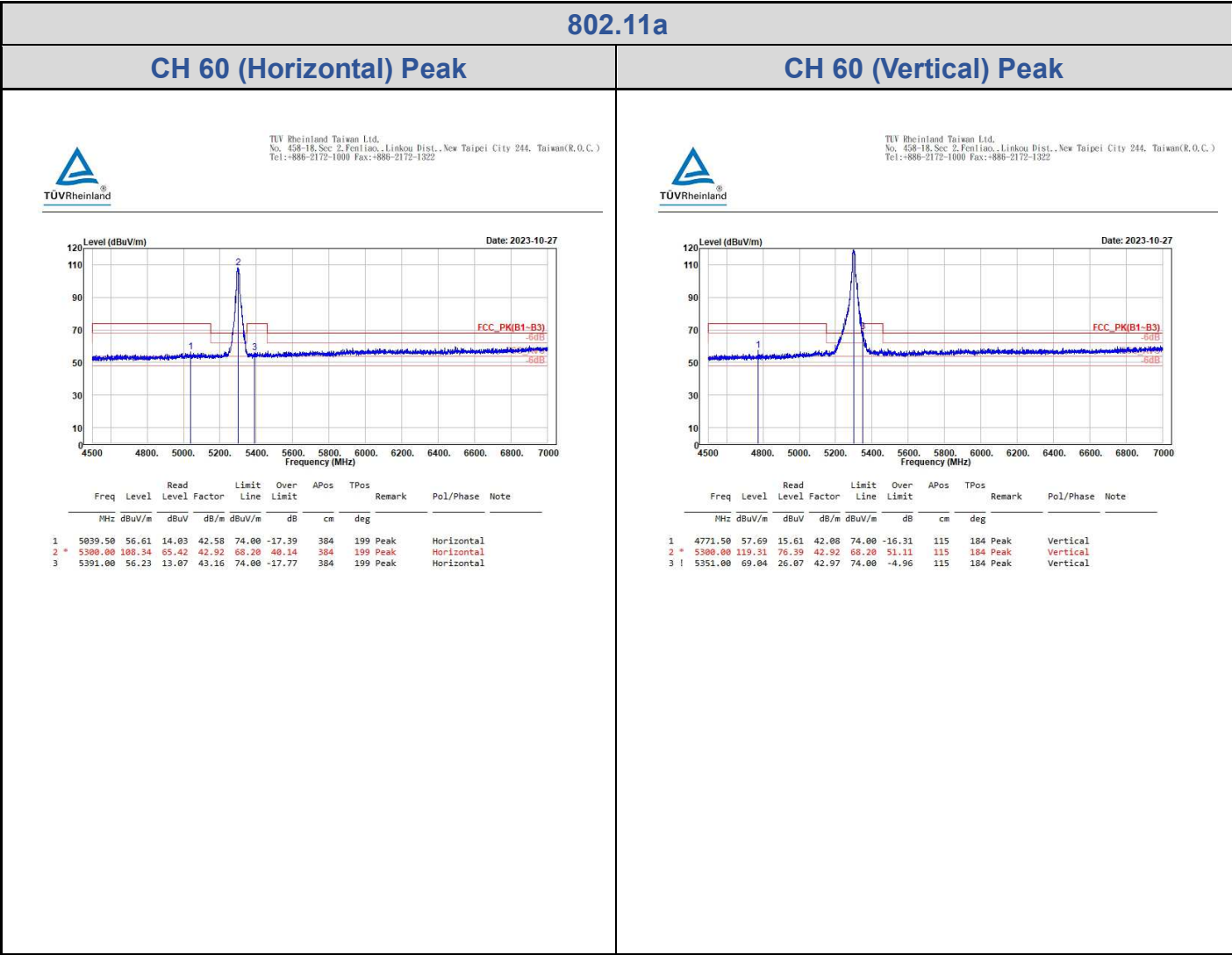
FCC_PK(B1-B3)

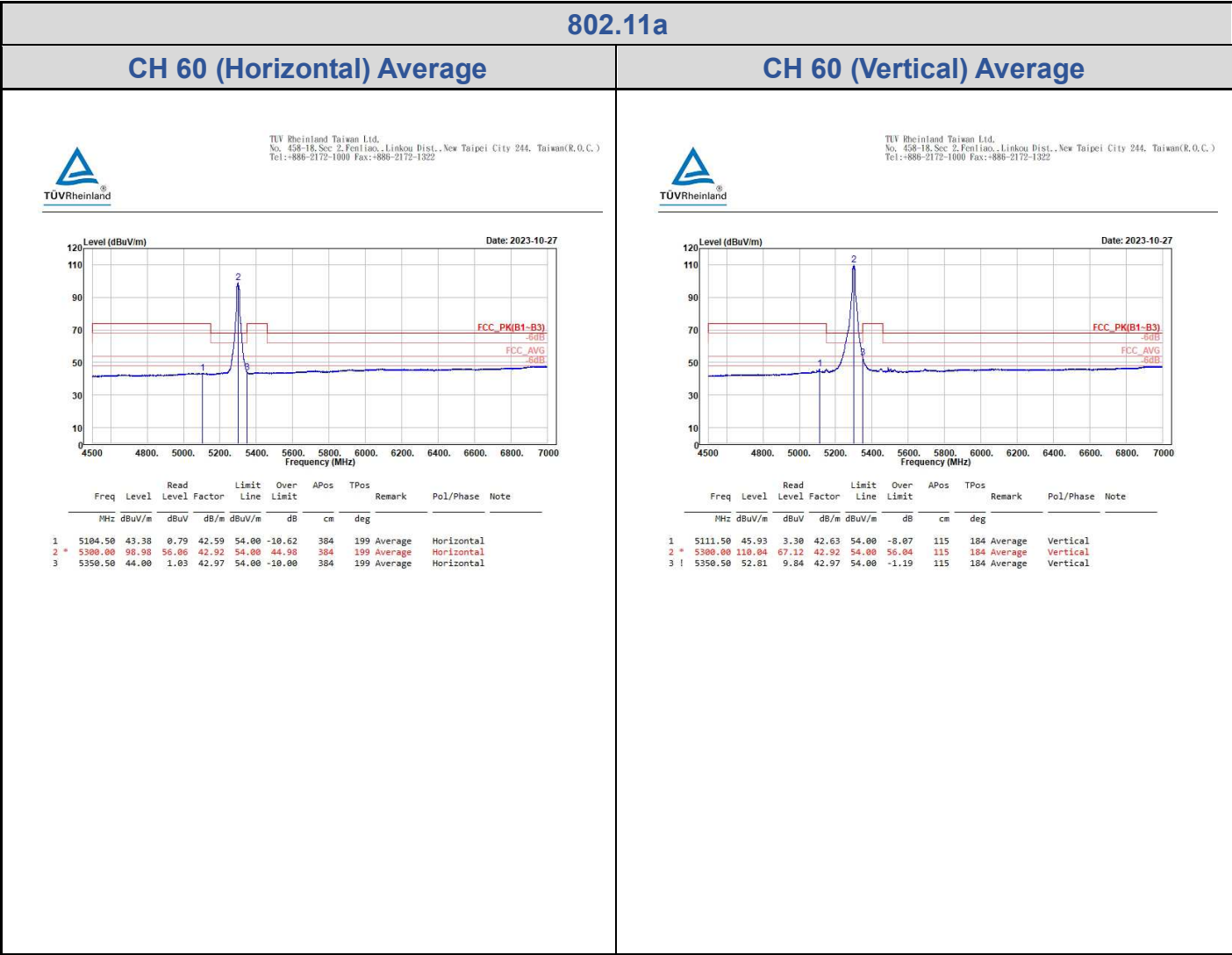
-60dB

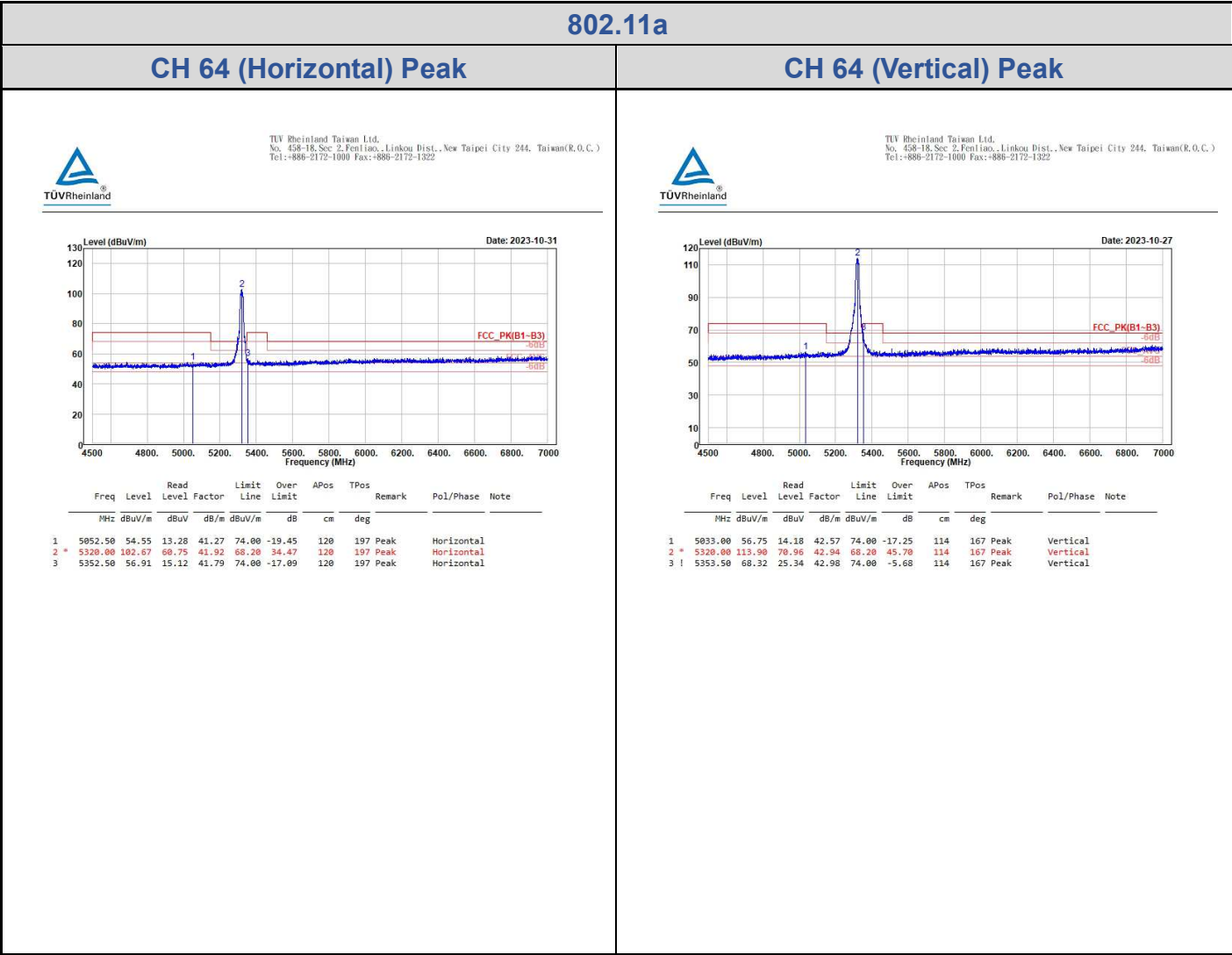
-60dB

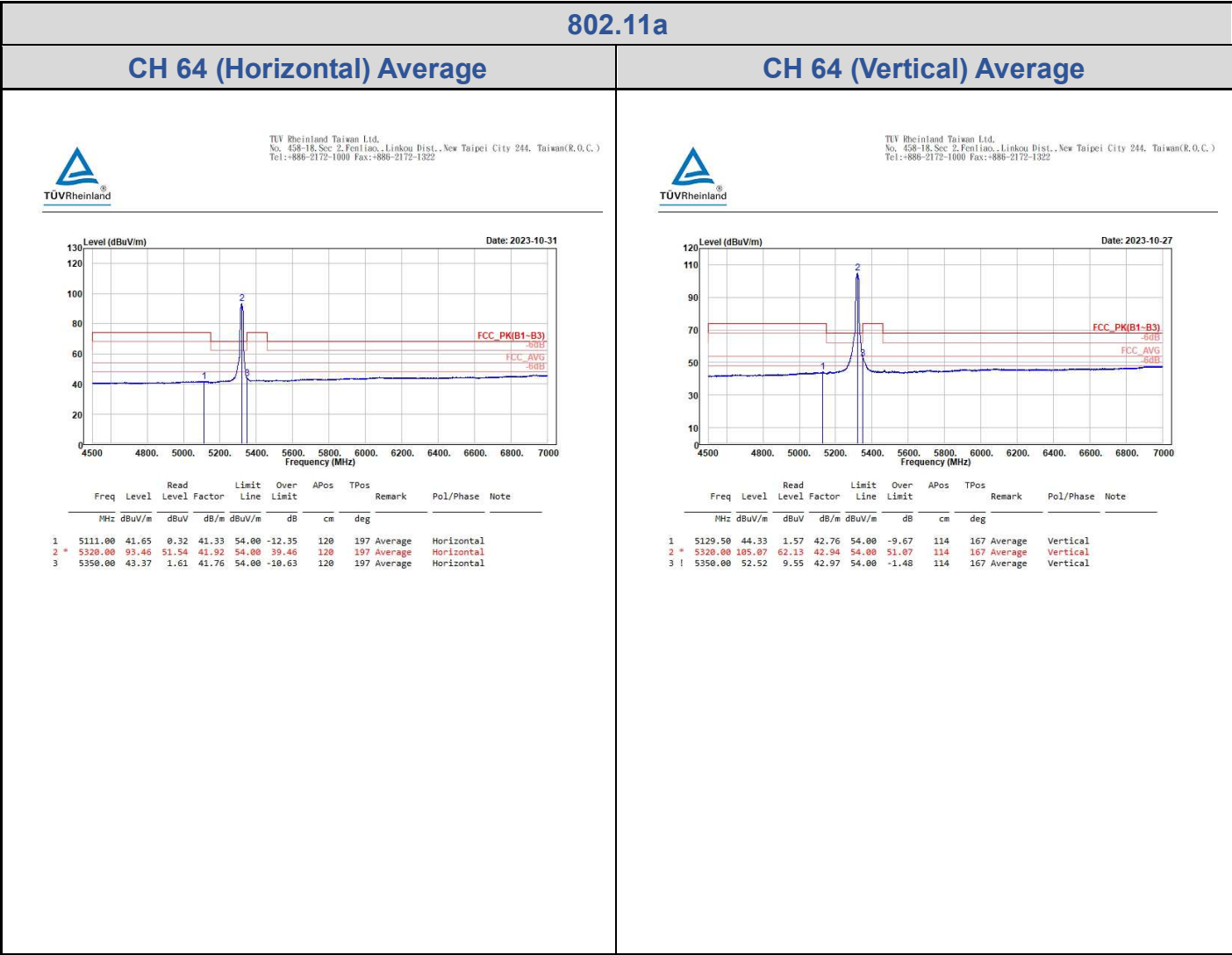
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	5143.00	59.83	16.98	42.85	74.00	-14.17	100	182	Peak	Vertical	
2 *	5268.00	120.21	77.24	42.97	68.20	52.01	100	182	Peak	Vertical	
3	5357.50	60.50	17.50	43.00	74.00	-13.50	100	182	Peak	Vertical	

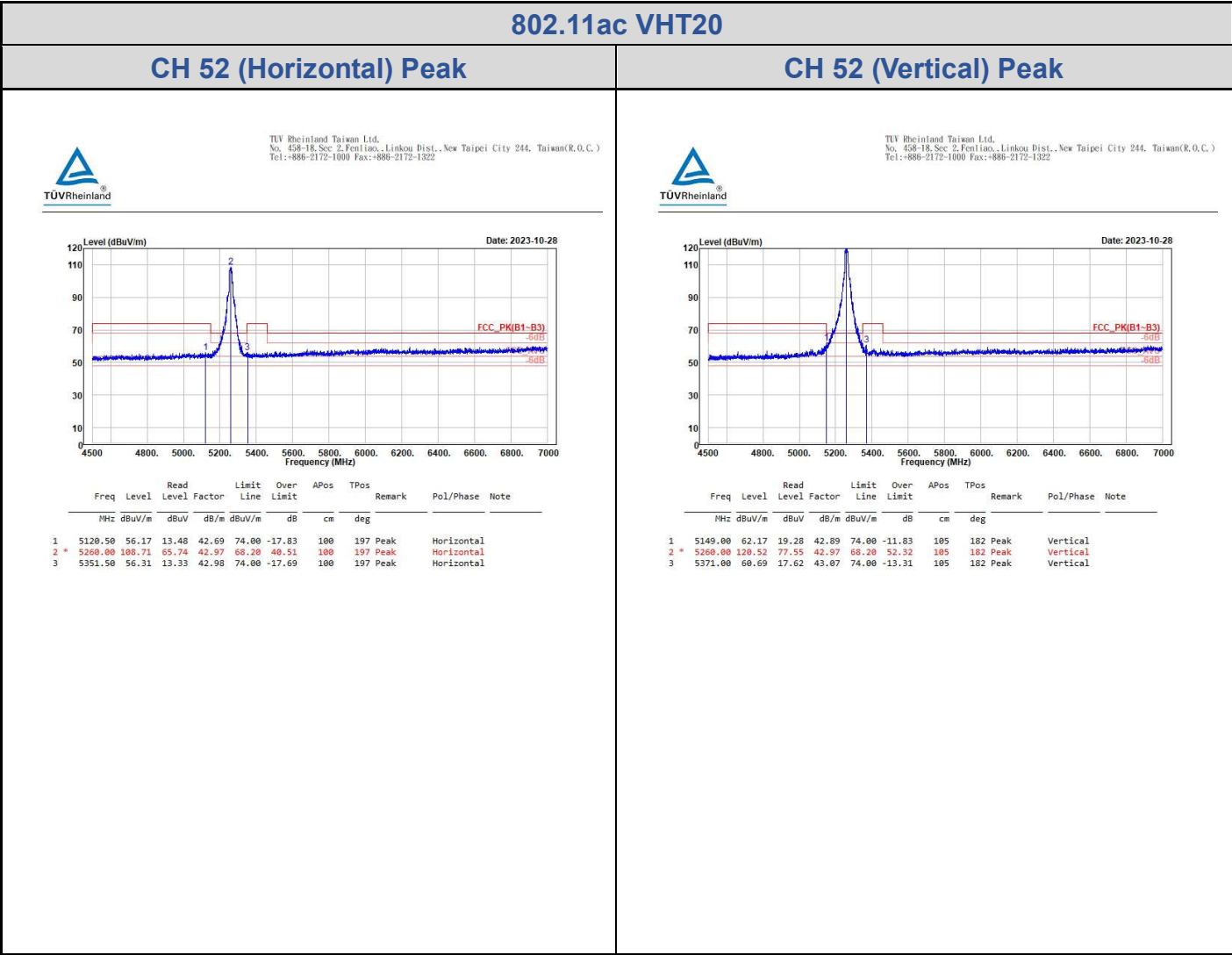


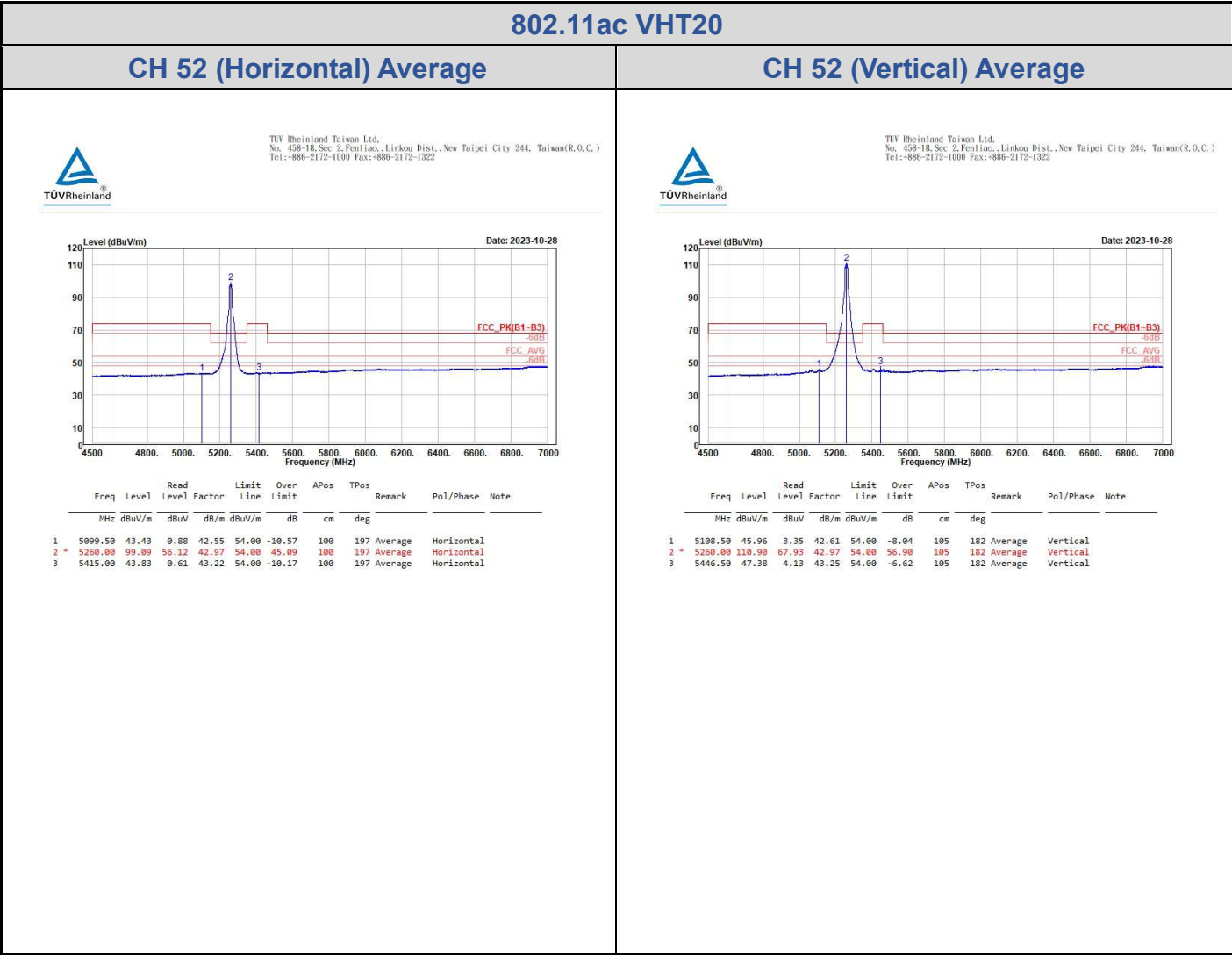


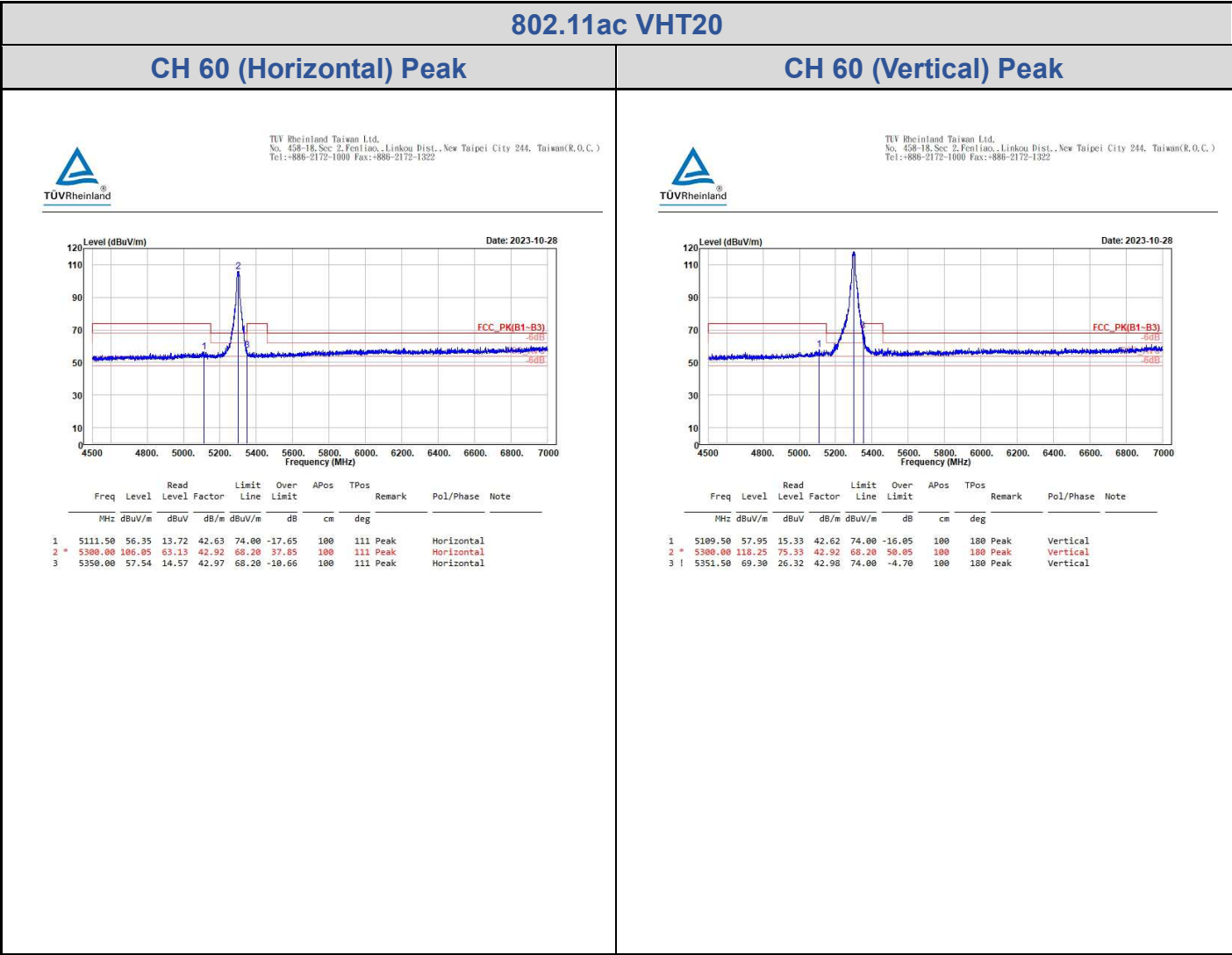


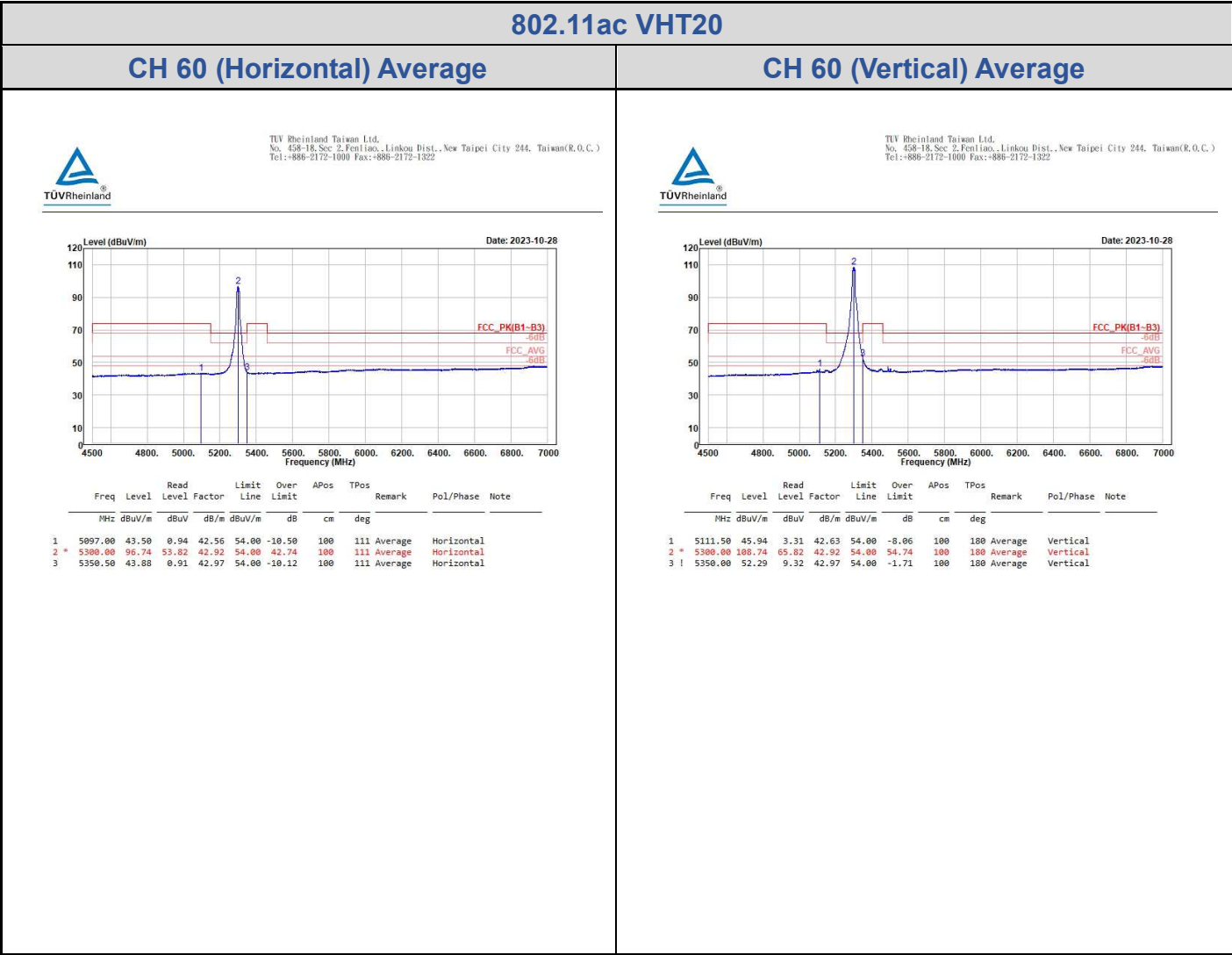


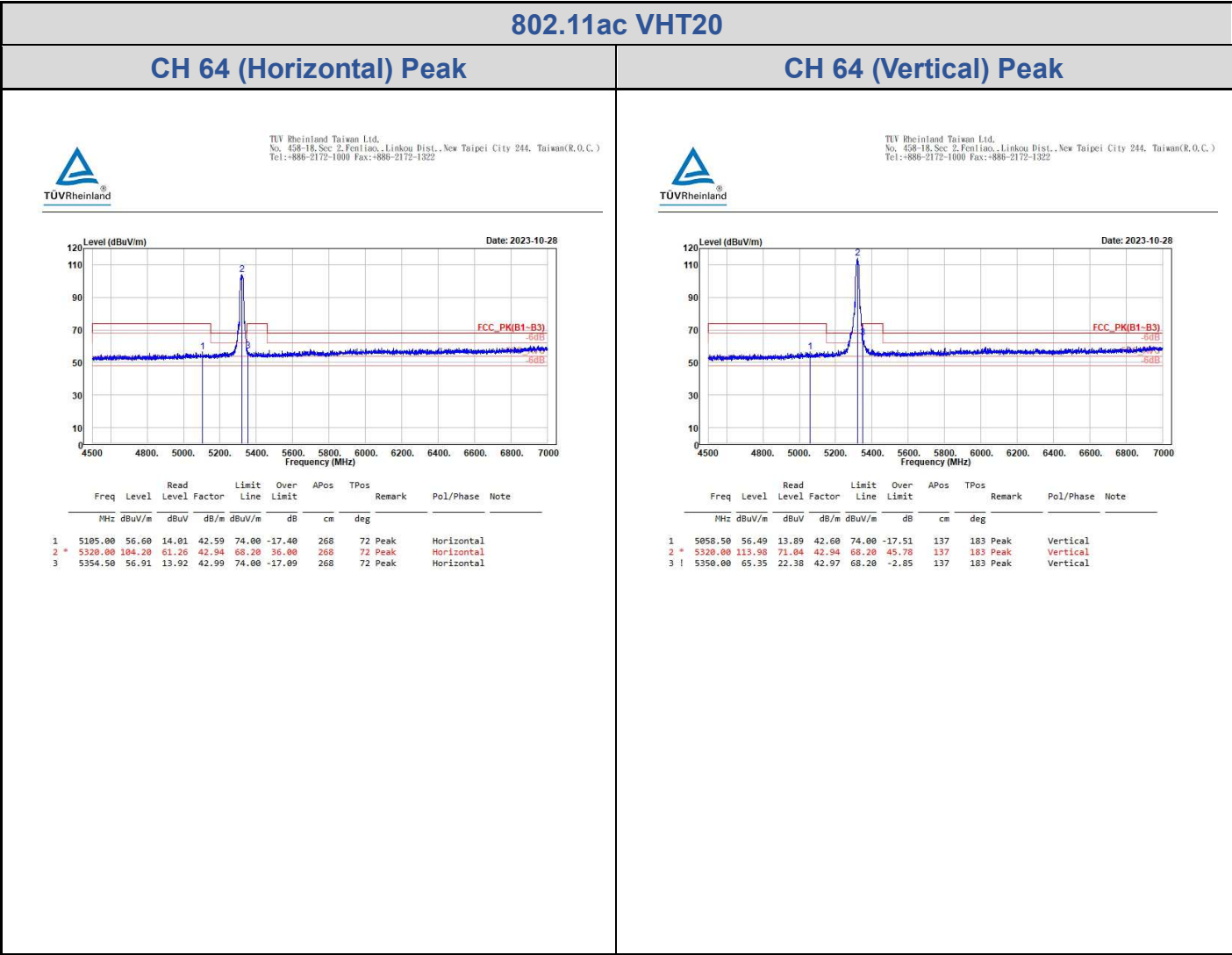


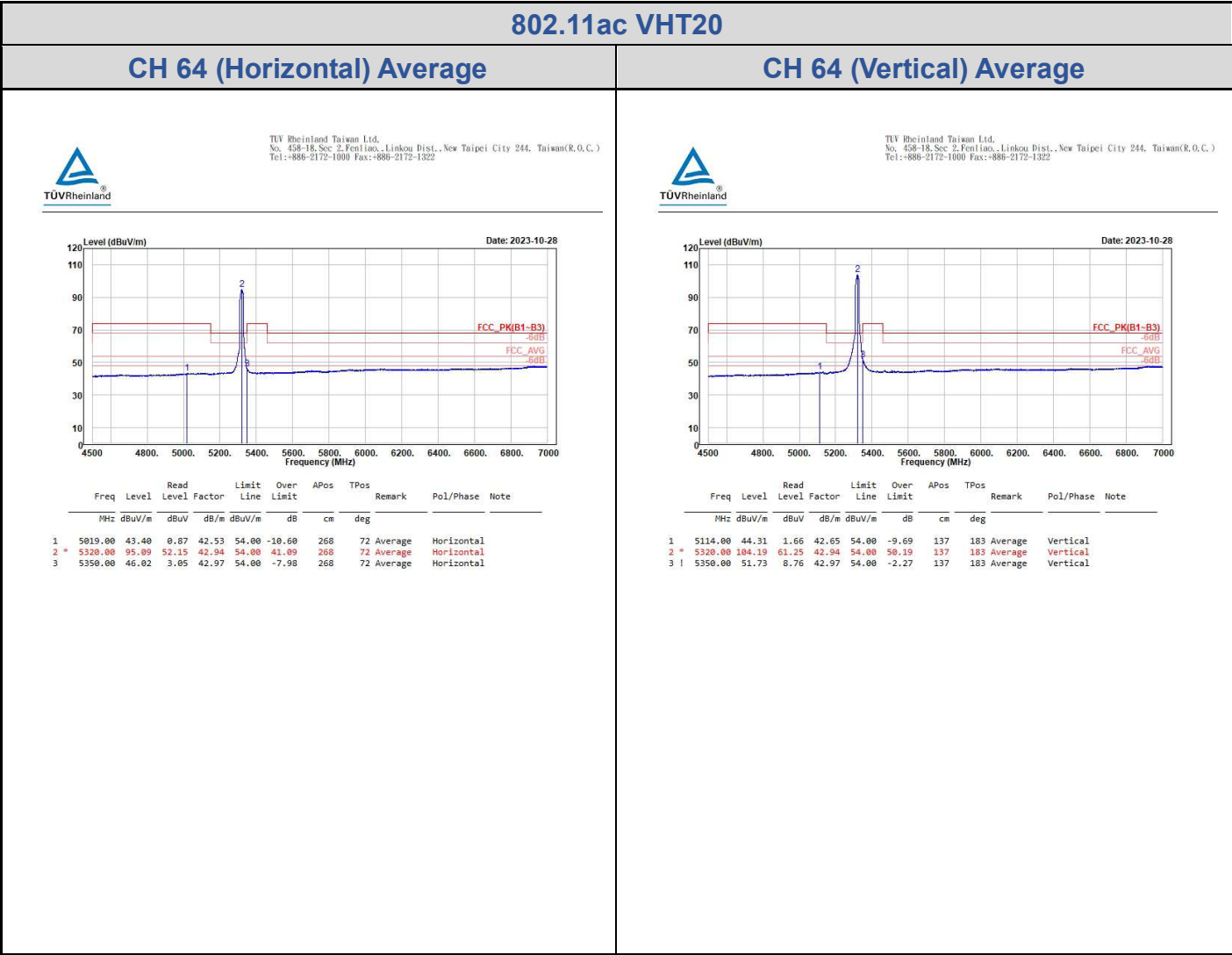


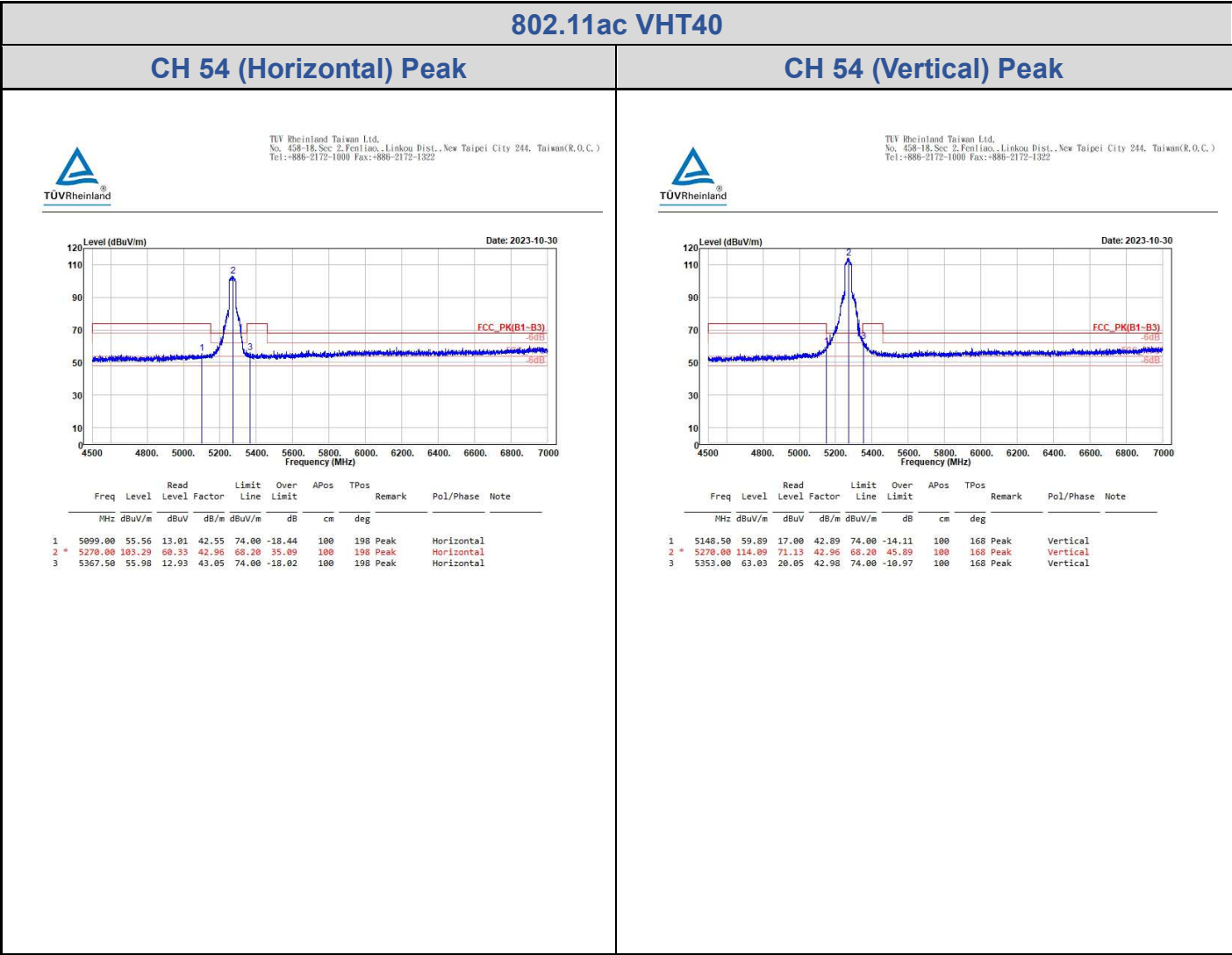


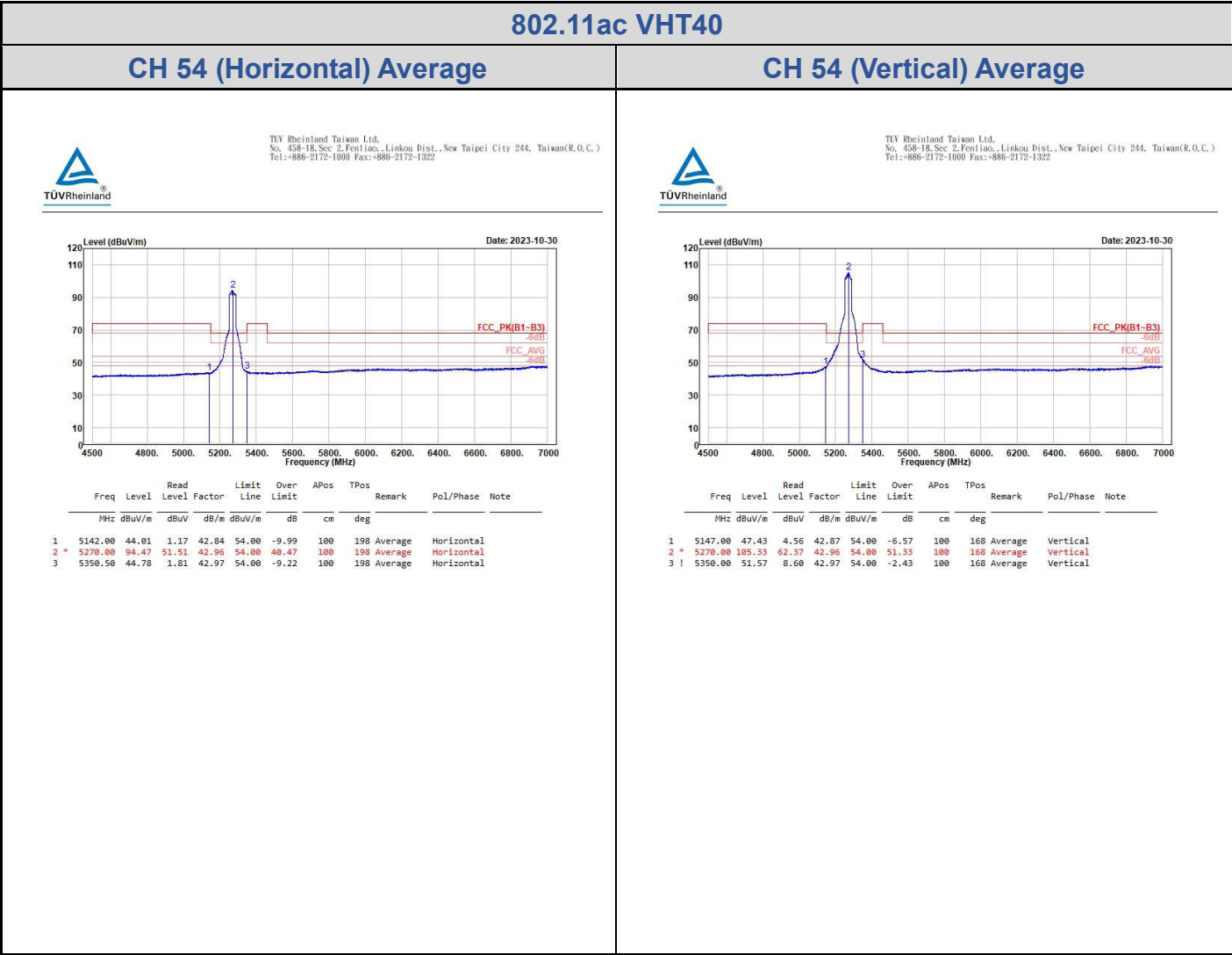


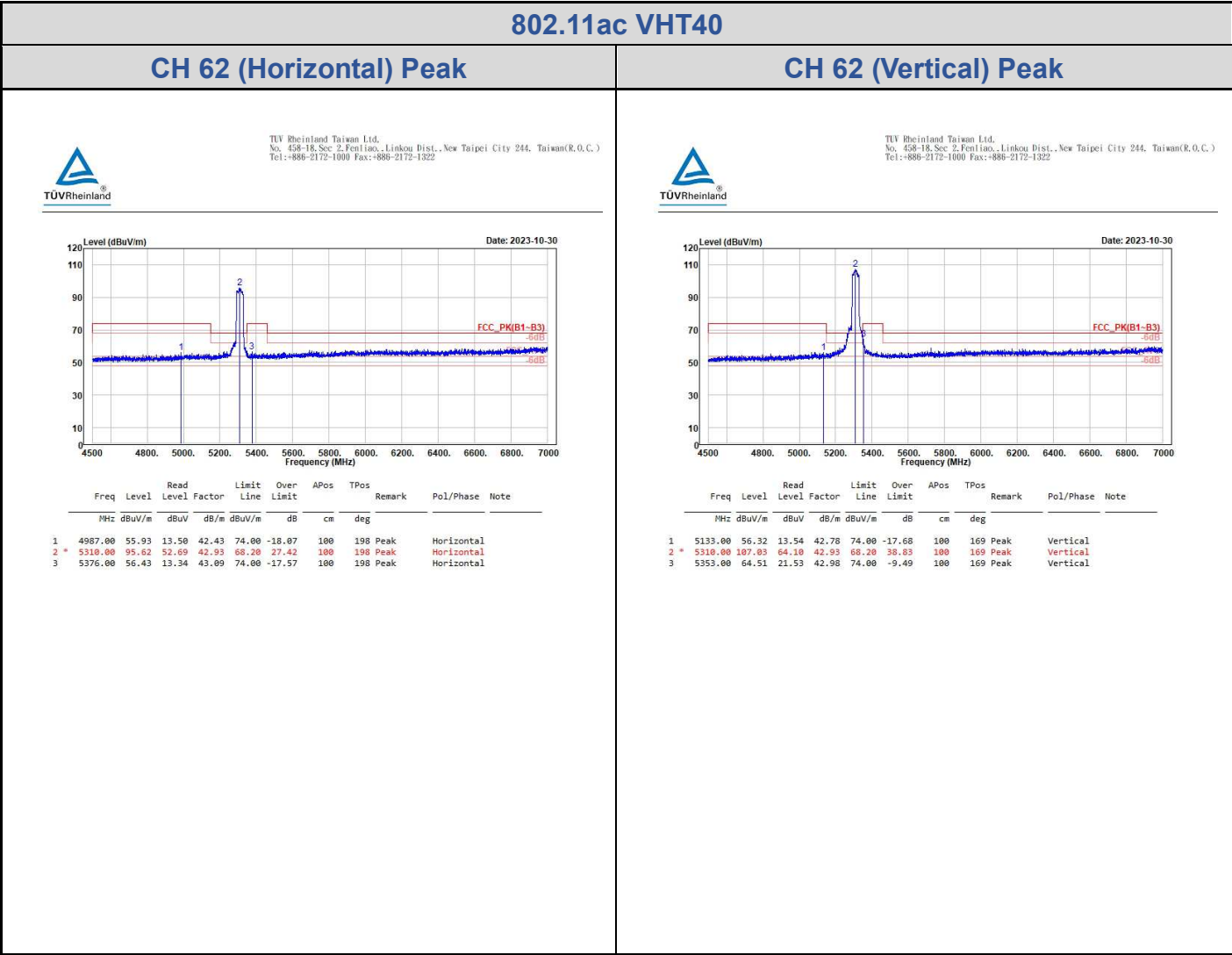


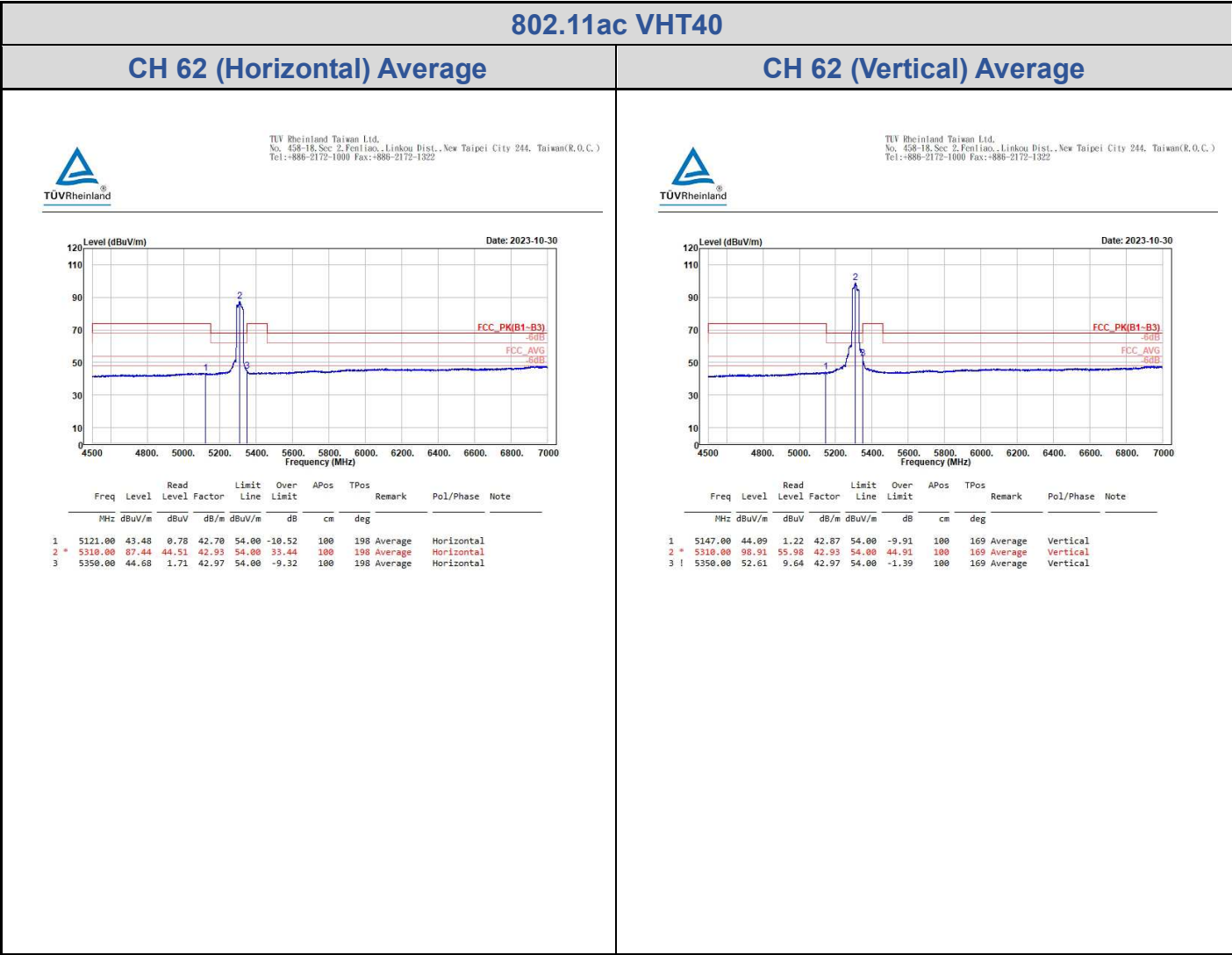


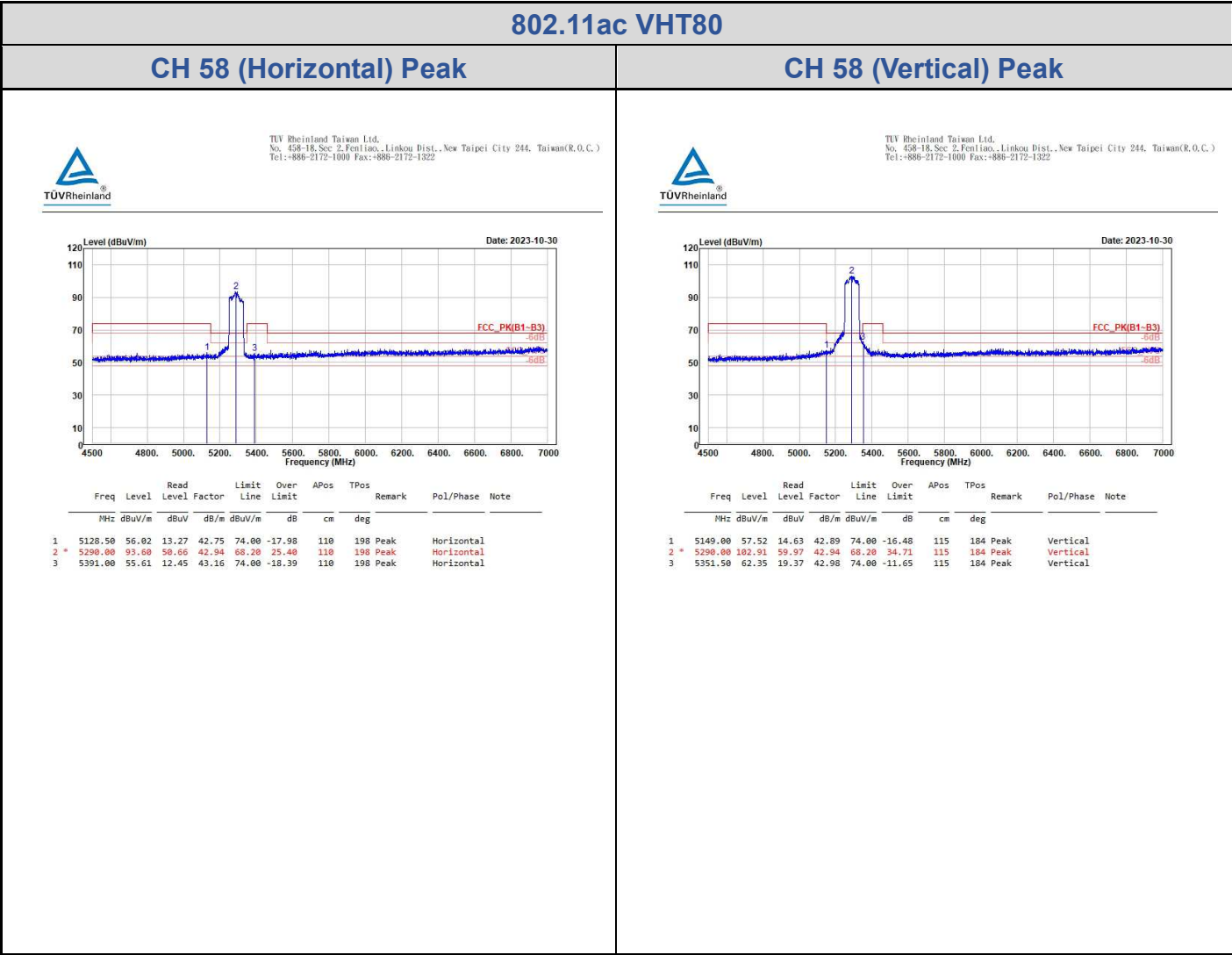


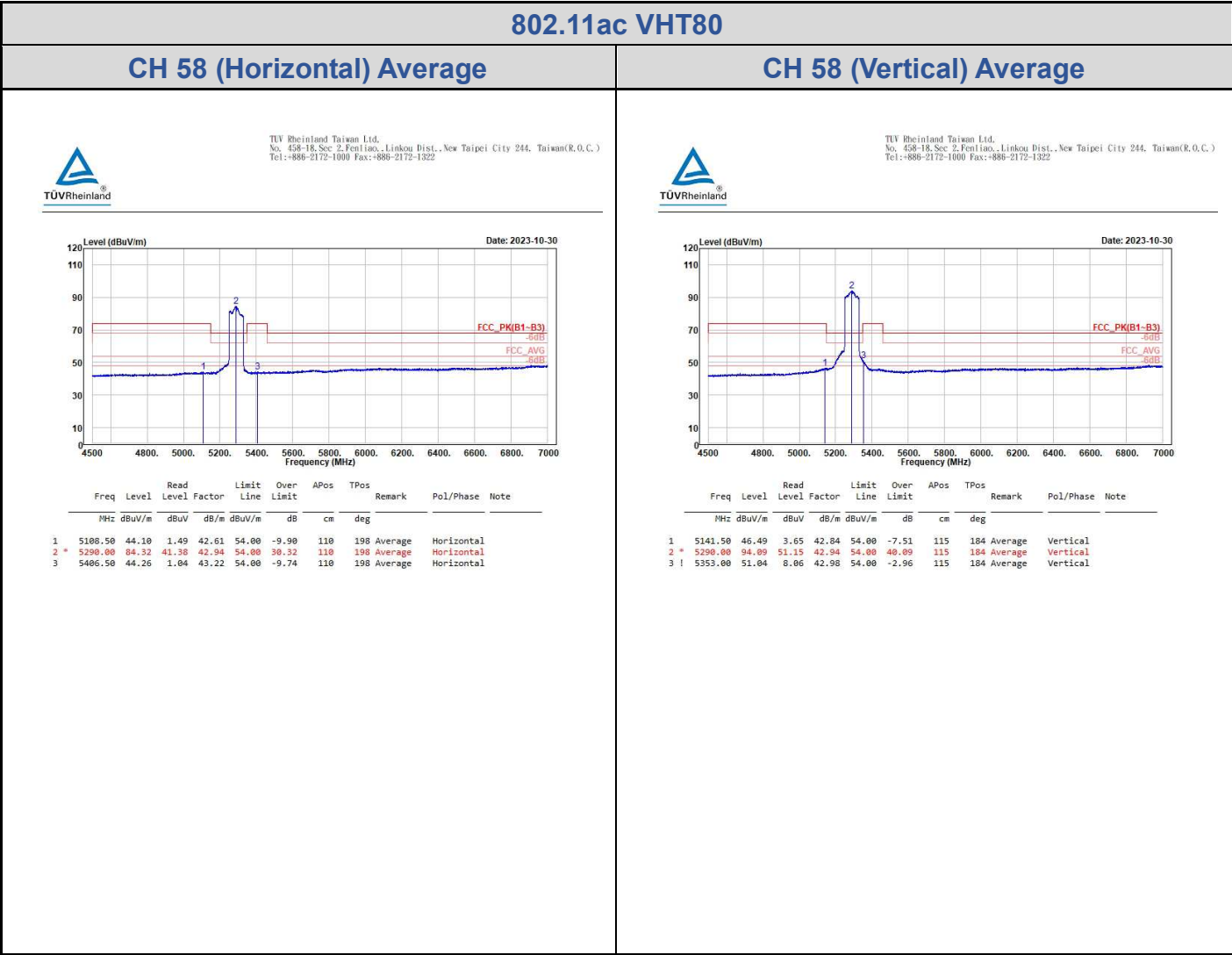












Band Edges, 4.5 ~ 7GHz
 U-NII-2C

802.11a

CH 100 (Horizontal) Peak

TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

Level (dBuV/m) Date: 2023-10-27

Frequency (MHz)

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	dB	cm	deg		
1	5460.00	56.13	12.87	43.26	68.20	-12.07	215	156 Peak	Horizontal	
2	5464.50	57.10	13.84	43.26	68.20	-11.10	215	156 Peak	Horizontal	
3 *	5500.00	101.33	50.04	43.29	68.20	33.13	215	156 Peak	Horizontal	
4	6780.00	60.10	15.19	44.91	68.20	-8.10	215	156 Peak	Horizontal	

CH 100 (Vertical) Peak

TÜV Rheinland Taiwan Ltd.
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Level (dBuV/m) Date: 2023-10-27

Frequency (MHz)

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	Level Factor	Line	Limit	dB	cm	deg		
1	5456.50	59.07	15.81	43.26	74.00	-14.93	100	183 Peak	Vertical	
2	5468.50	61.61	18.34	43.27	68.20	-6.59	100	183 Peak	Vertical	
3 *	5500.00	111.12	67.83	43.29	68.20	42.92	100	183 Peak	Vertical	
4	6969.50	60.37	15.05	45.32	68.20	-7.83	100	183 Peak	Vertical	

