



Report No. : KES-RF240948-R2

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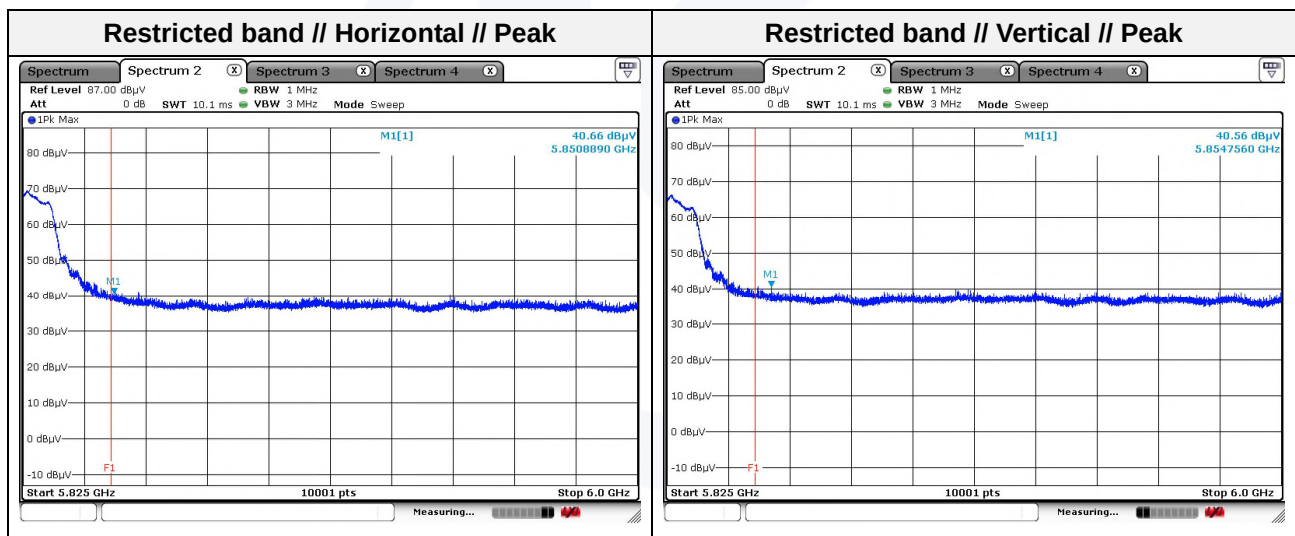
Mode: 802.11a (6 Mbps)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 165

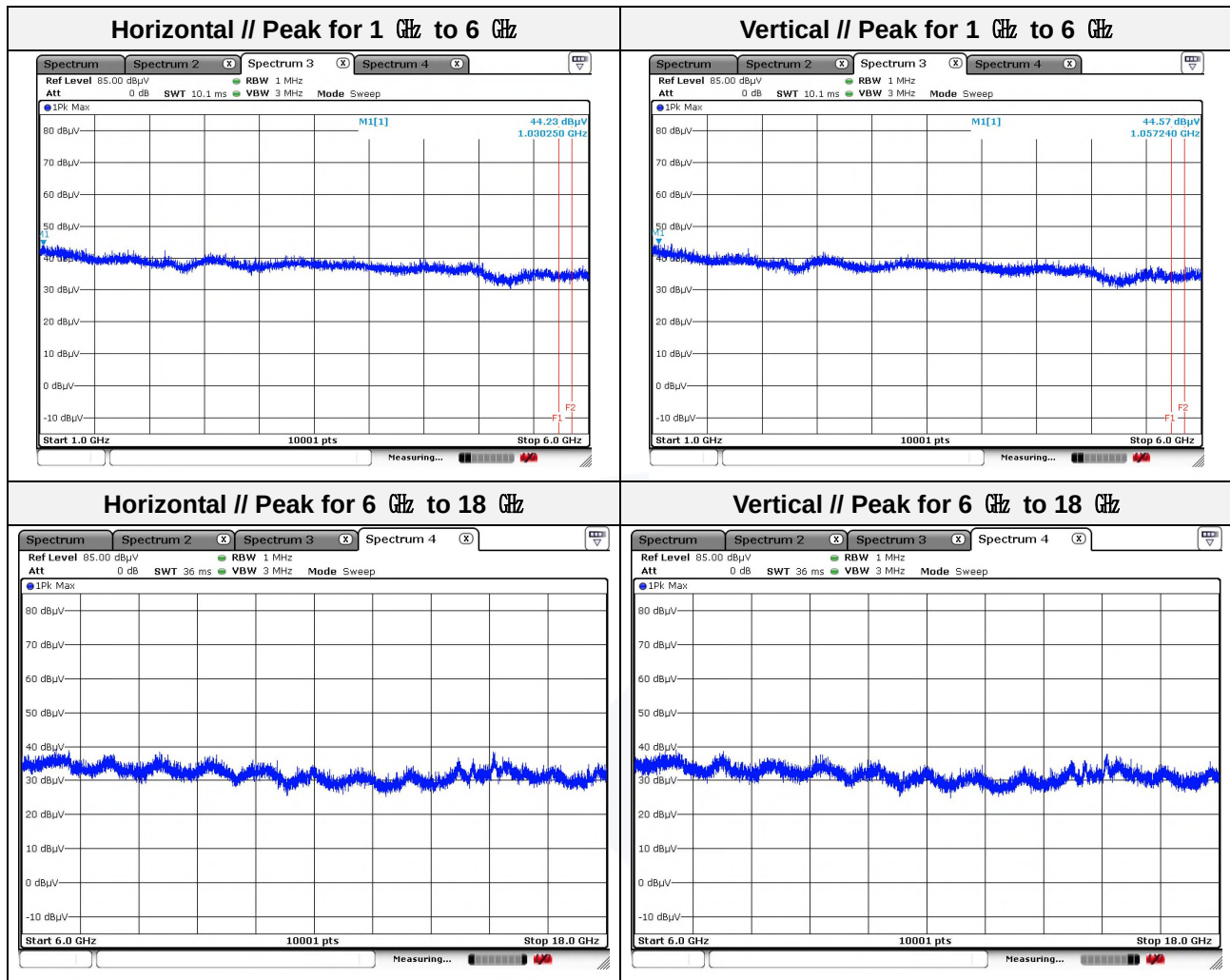
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 030.25	44.23	Peak	V	-7.72	-	36.51	74.00	37.49
1 057.24	44.57	Peak	H	-7.58	-	36.99	74.00	37.01

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 850.89	40.66	Peak	H	7.88	-	48.54	74.00	25.46
5 854.76	40.56	Peak	V	7.89	-	48.45	74.00	25.55





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



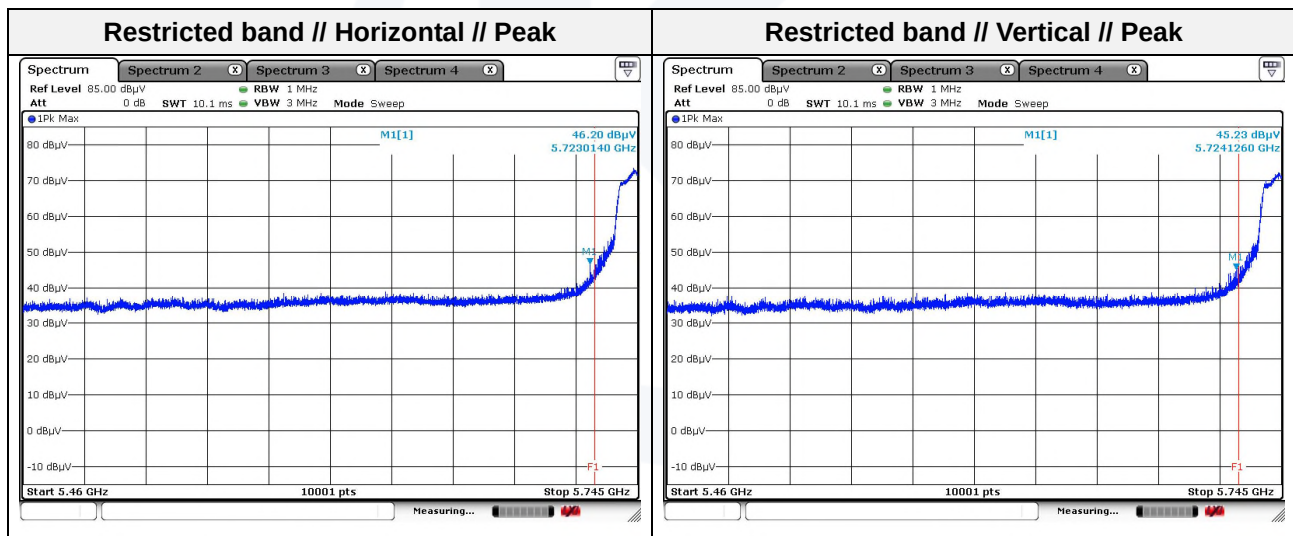
Mode: 802.11n_HT20 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 149

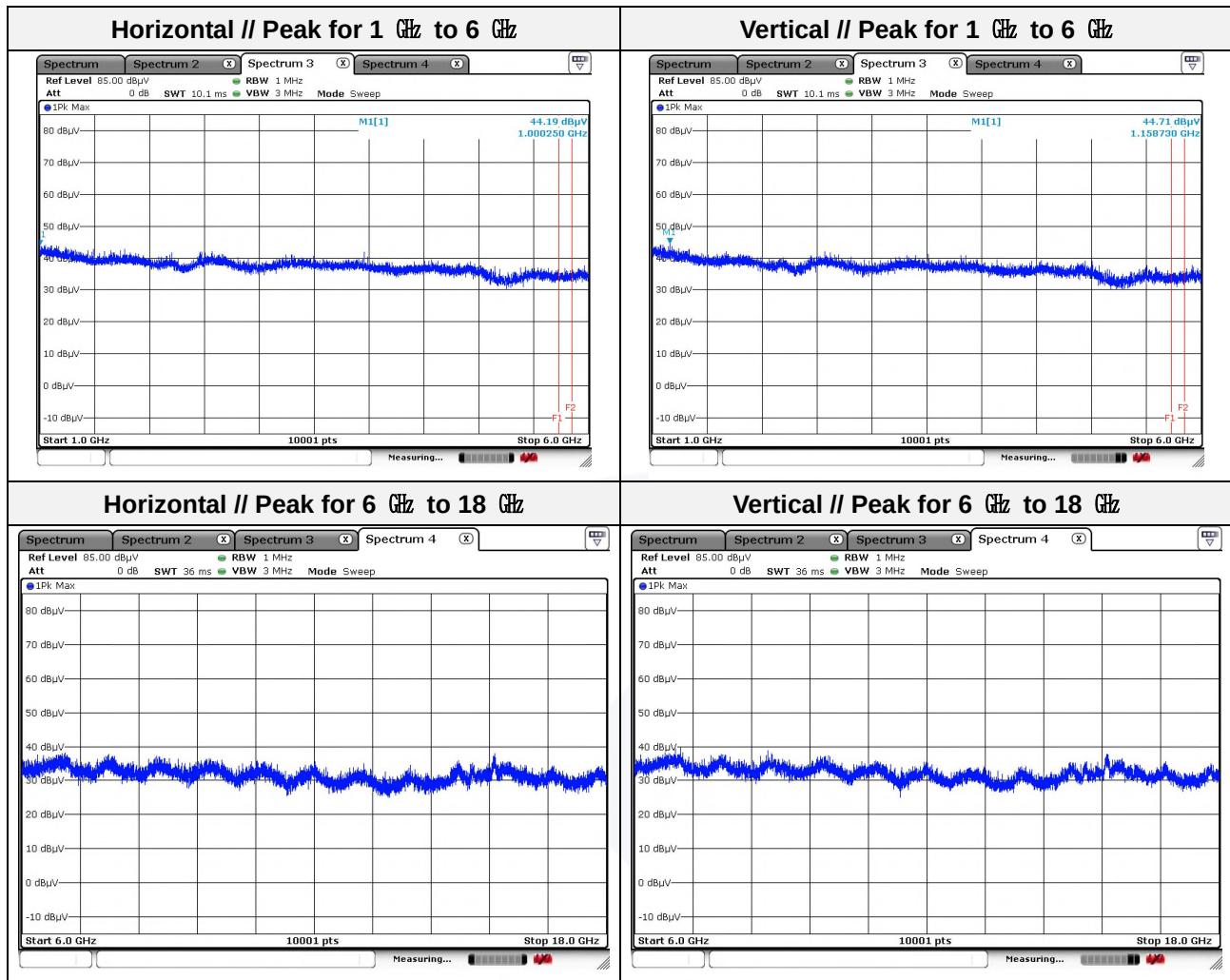
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.25	44.19	Peak	H	-7.88	-	36.31	74.00	37.69
1 158.73	44.71	Peak	V	-7.05	-	37.66	74.00	36.34

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 723.01	46.20	Peak	H	7.40	-	53.60	74.00	20.40
5 724.13	45.23	Peak	V	7.40	-	52.63	74.00	21.37





Note.

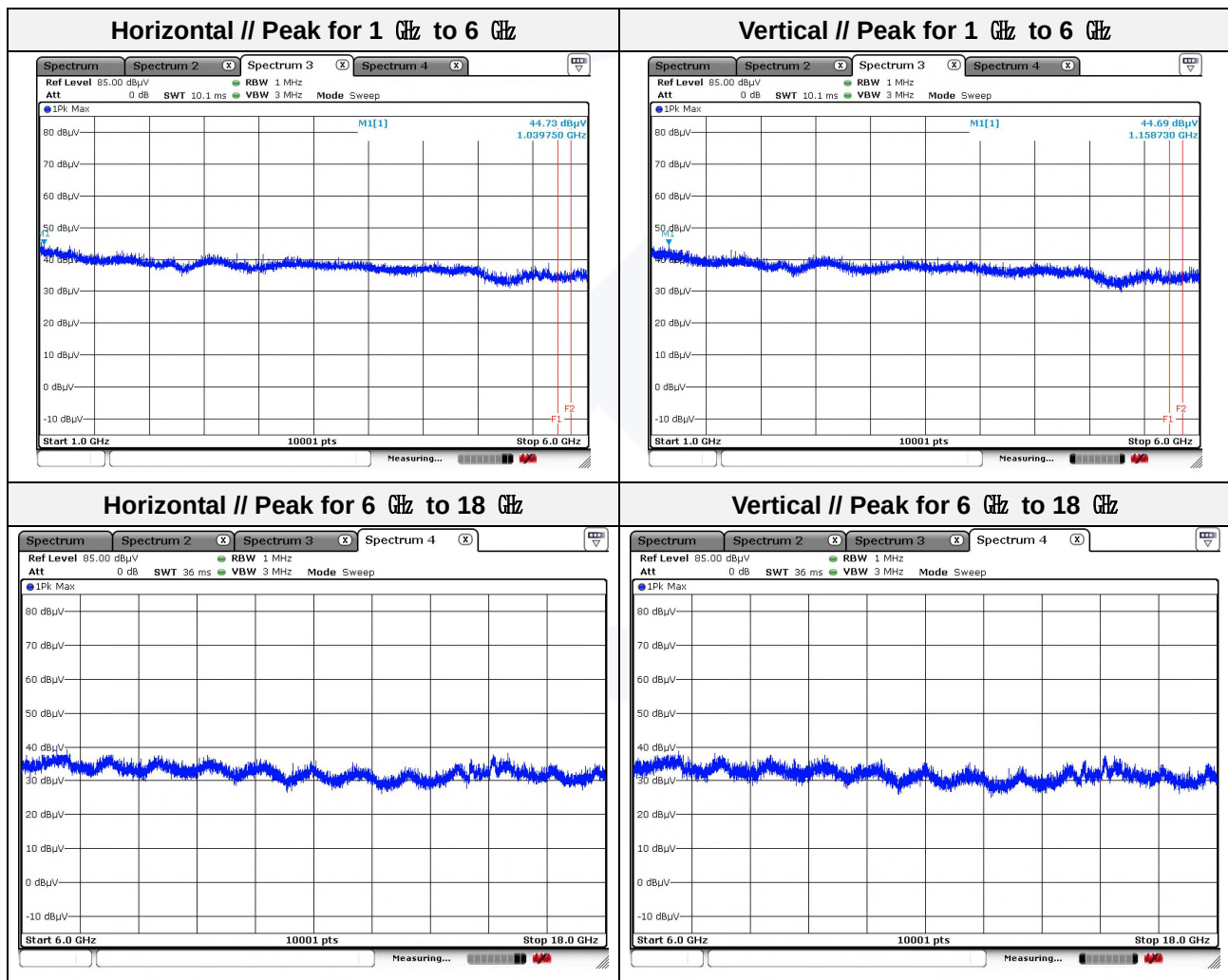
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11n_HT20 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 157

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 039.75	44.73	Peak	H	-7.67	-	37.06	74.00	36.94
1 158.73	44.69	Peak	V	-7.05	-	37.64	74.00	36.36

**Note.**

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



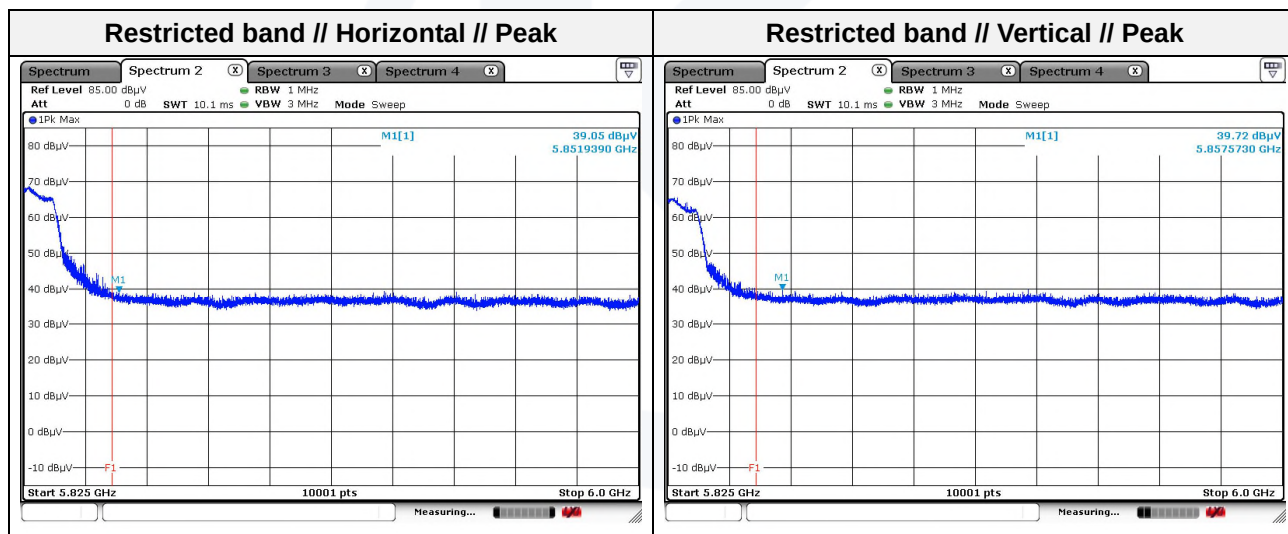
Mode: 802.11n_HT20 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 165

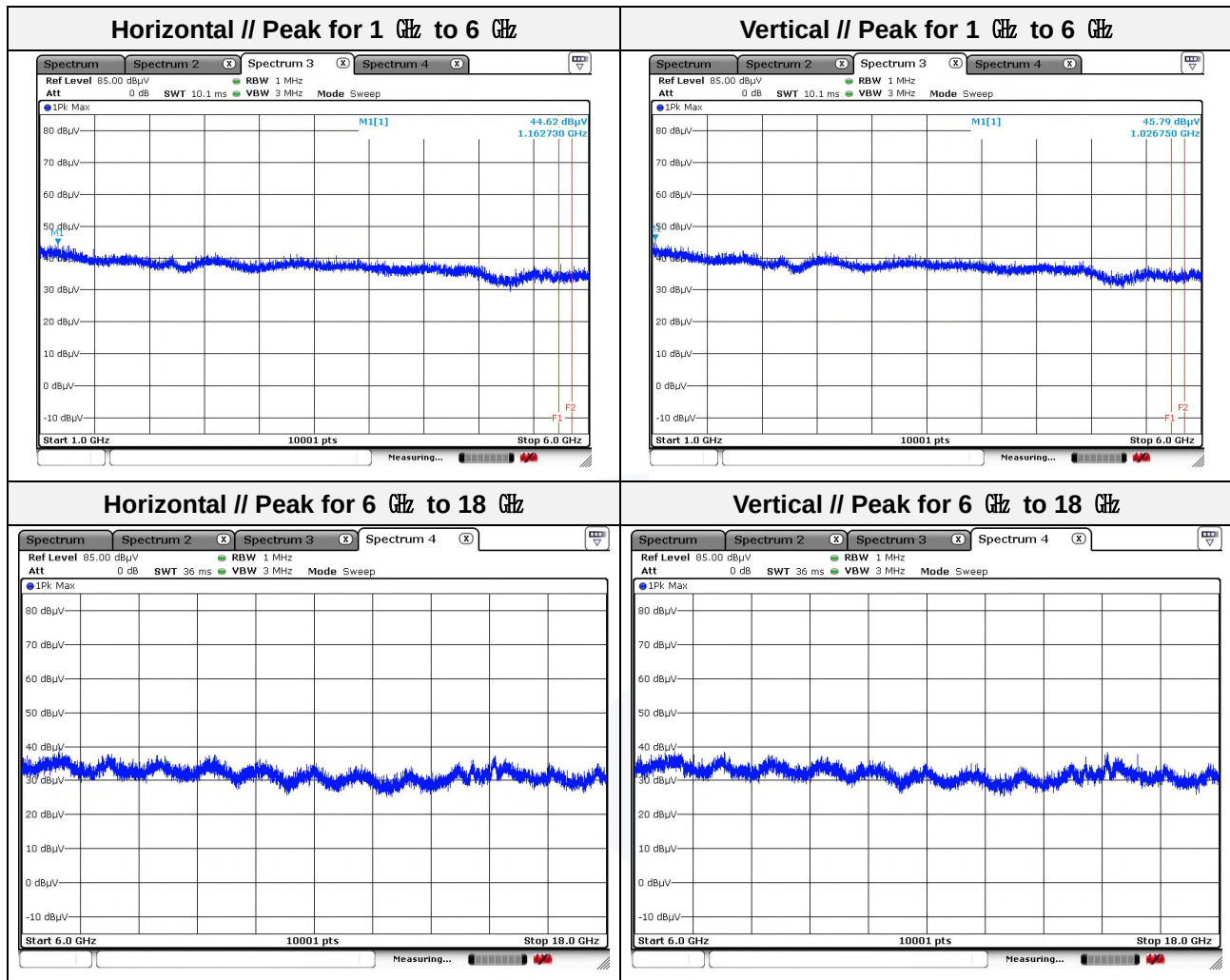
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 026.75	45.79	Peak	H	-7.74	-	38.05	74.00	35.95
1 162.73	44.62	Peak	V	-7.03	-	37.59	74.00	36.41

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 851.94	39.05	Peak	V	7.88	-	46.93	74.00	27.07
5 857.57	39.72	Peak	H	7.90	-	47.62	74.00	26.38





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



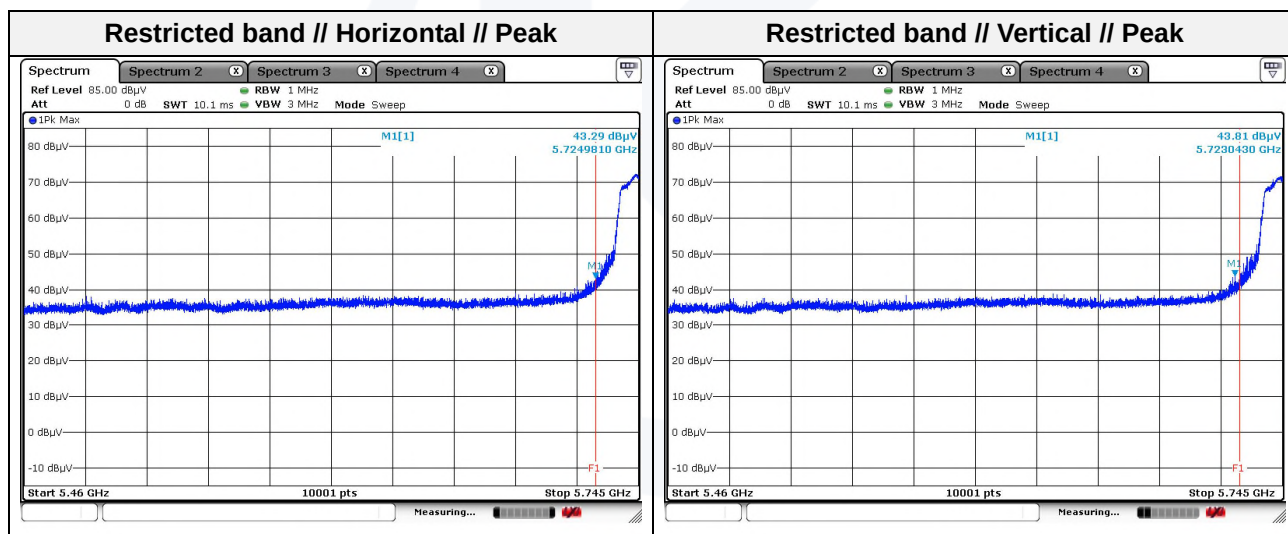
Mode:	802.11ac_VHT20 (MCS0)
Power:	AC 120 V
Band:	UNII-3
Distance of measurement:	3 meter
Channel:	149

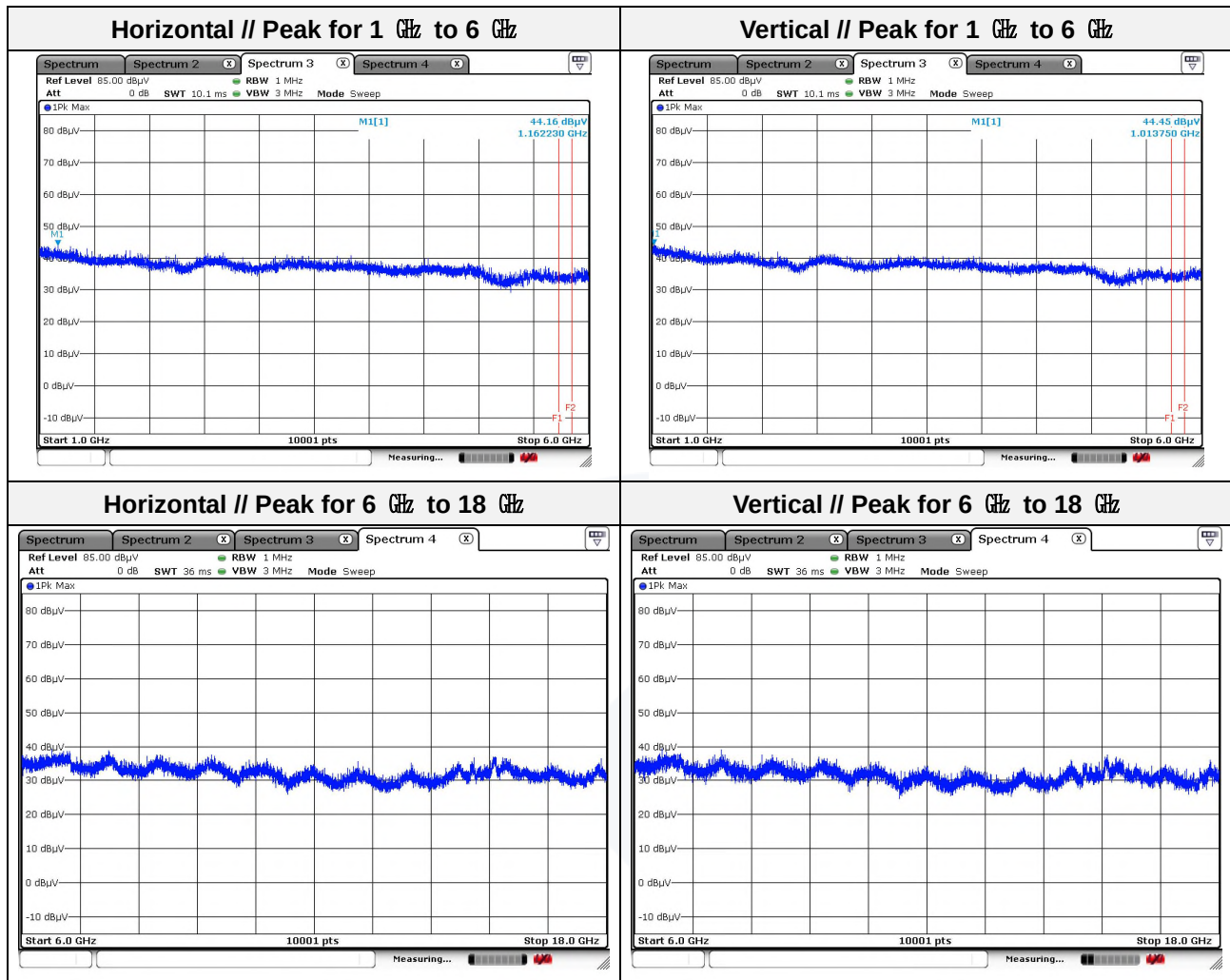
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 013.75	44.45	Peak	V	-7.81	-	36.64	74.00	37.36
1 162.23	44.16	Peak	H	-7.03	-	37.13	74.00	36.87

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 724.98	43.29	Peak	H	7.41	-	50.70	74.00	23.30
5 723.04	43.81	Peak	V	7.40	-	51.21	74.00	22.79





Note.

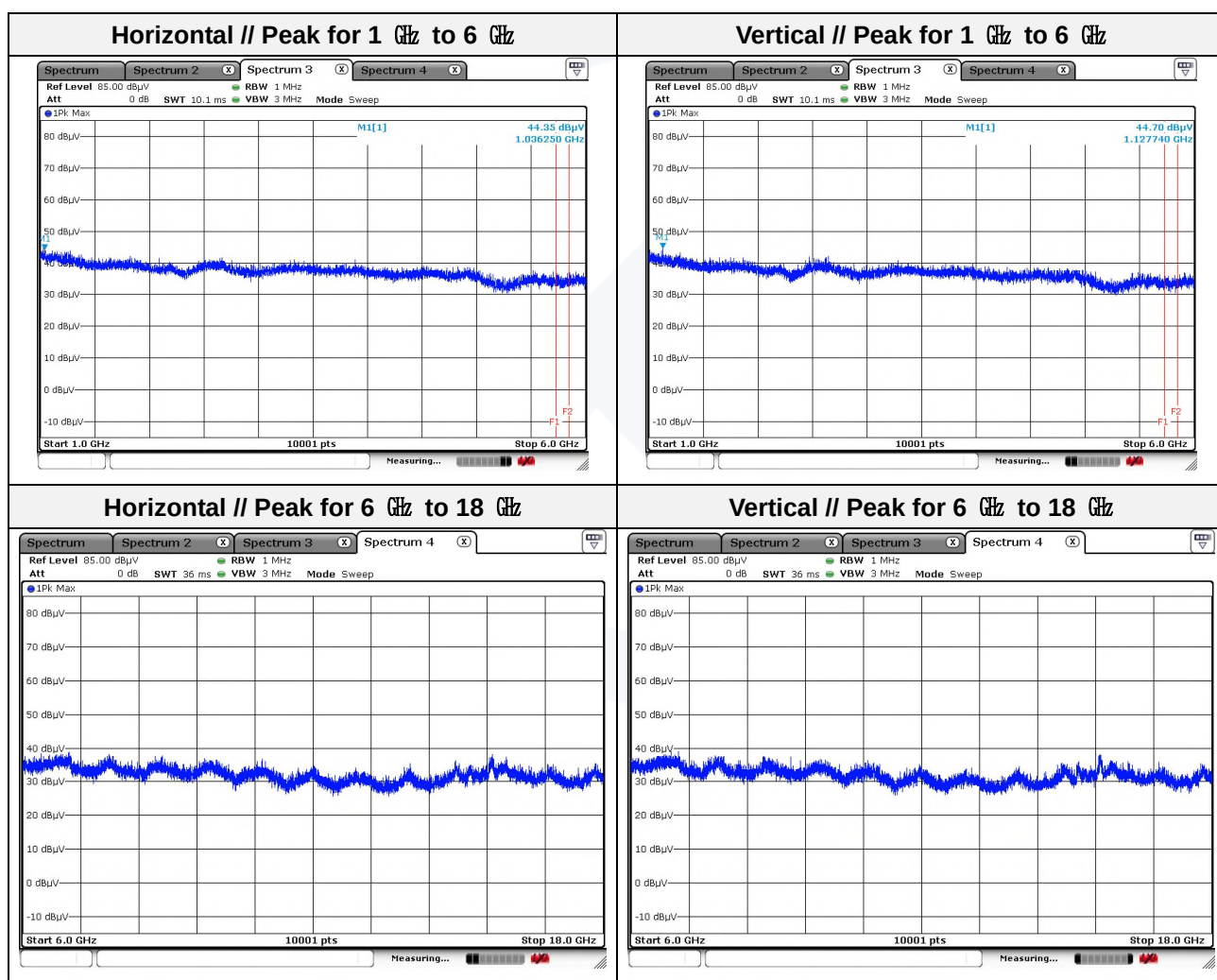
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ac_VHT20 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 157

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 036.25	44.35	Peak	H	-7.69	-	36.66	74.00	37.34
1 127.74	44.70	Peak	V	-7.21	-	37.49	74.00	36.51

**Note.**

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



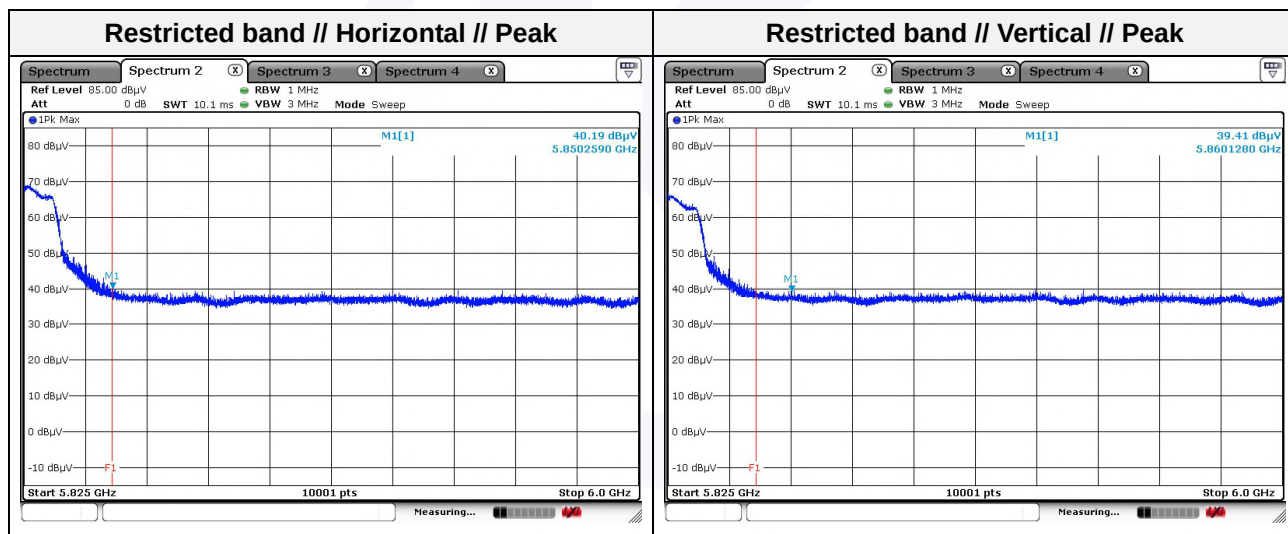
Mode: 802.11ac_VHT20 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 165

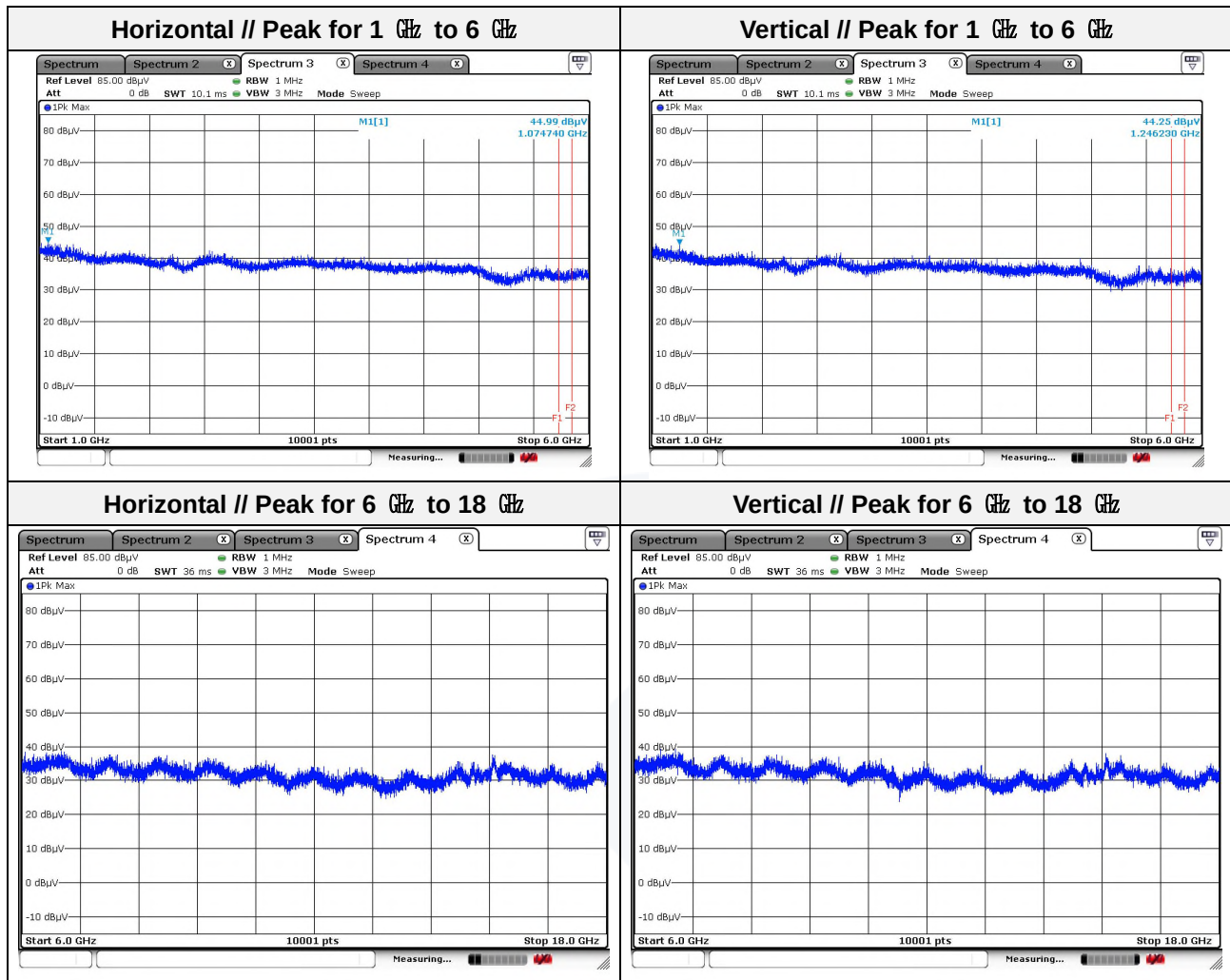
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 074.74	44.99	Peak	H	-7.49	-	37.50	74.00	36.50
1 246.23	44.25	Peak	V	-6.57	-	37.68	74.00	36.32

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 850.26	40.19	Peak	V	7.88	-	48.07	74.00	25.93
5 860.13	39.41	Peak	H	7.90	-	47.31	74.00	26.69





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



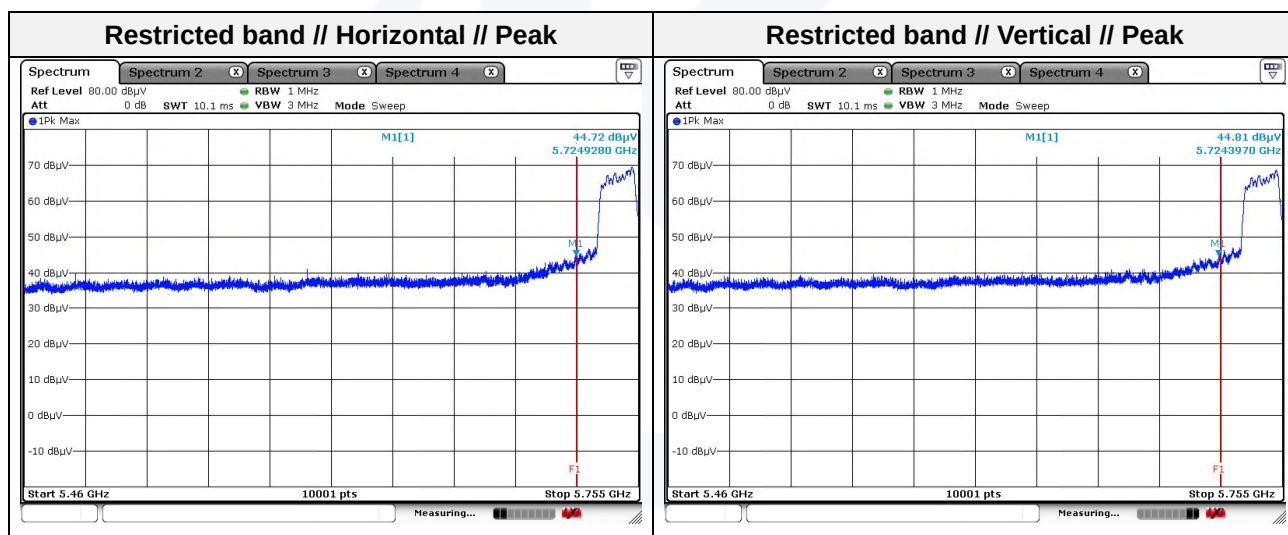
Mode: 802.11n_HT40 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 151

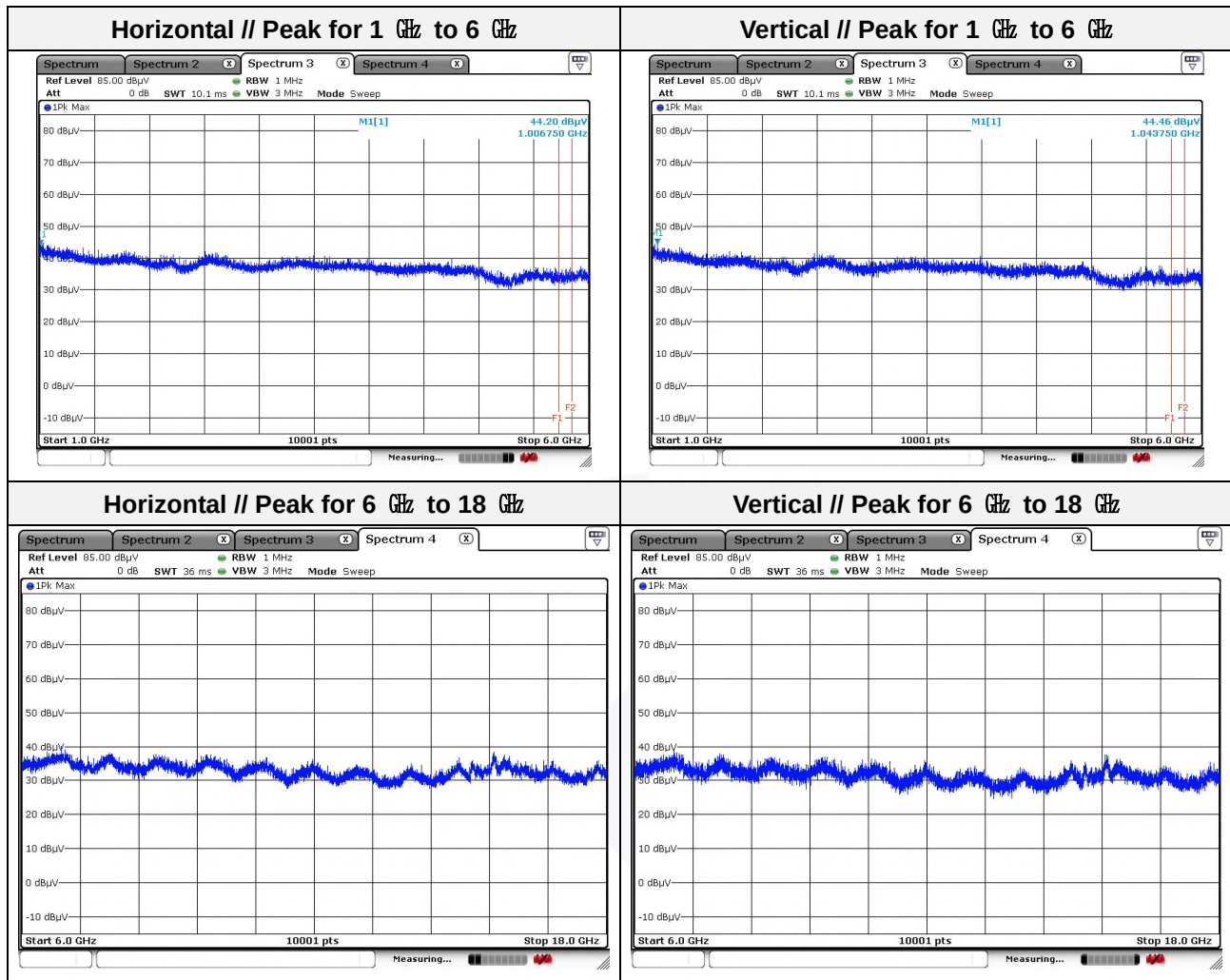
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 006.75	44.20	Peak	H	-7.84	-	36.36	74.00	37.64
1 043.75	44.46	Peak	V	-7.65	-	36.81	74.00	37.19

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 724.40	44.81	Peak	V	7.40	-	52.21	74.00	21.79
5 724.93	44.72	Peak	H	7.41	-	52.13	74.00	21.87





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



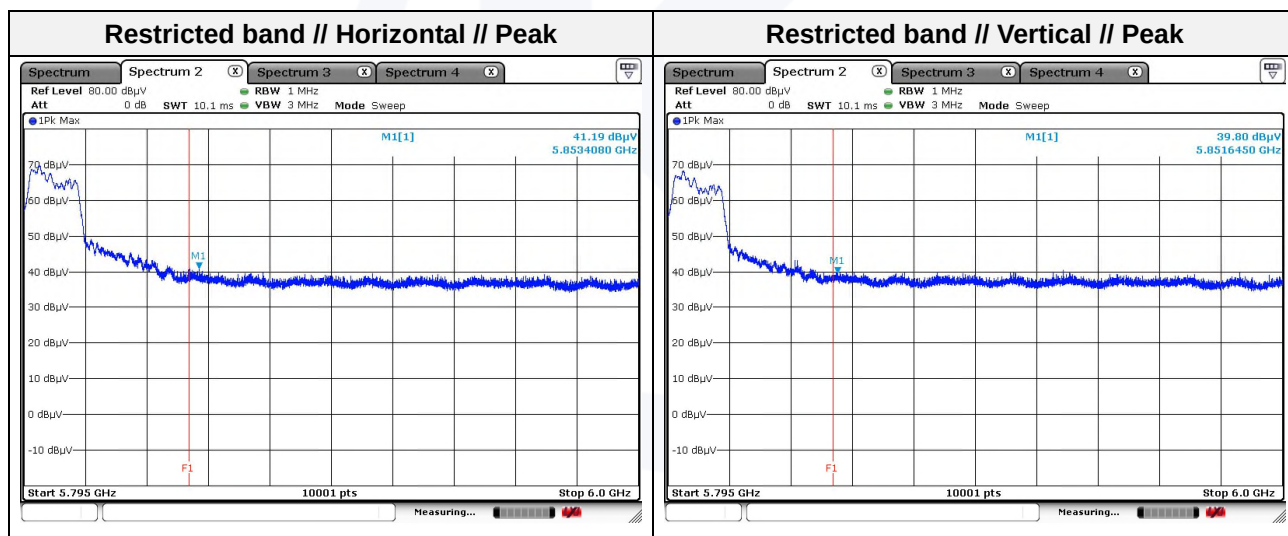
Mode: 802.11n_HT40 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 159

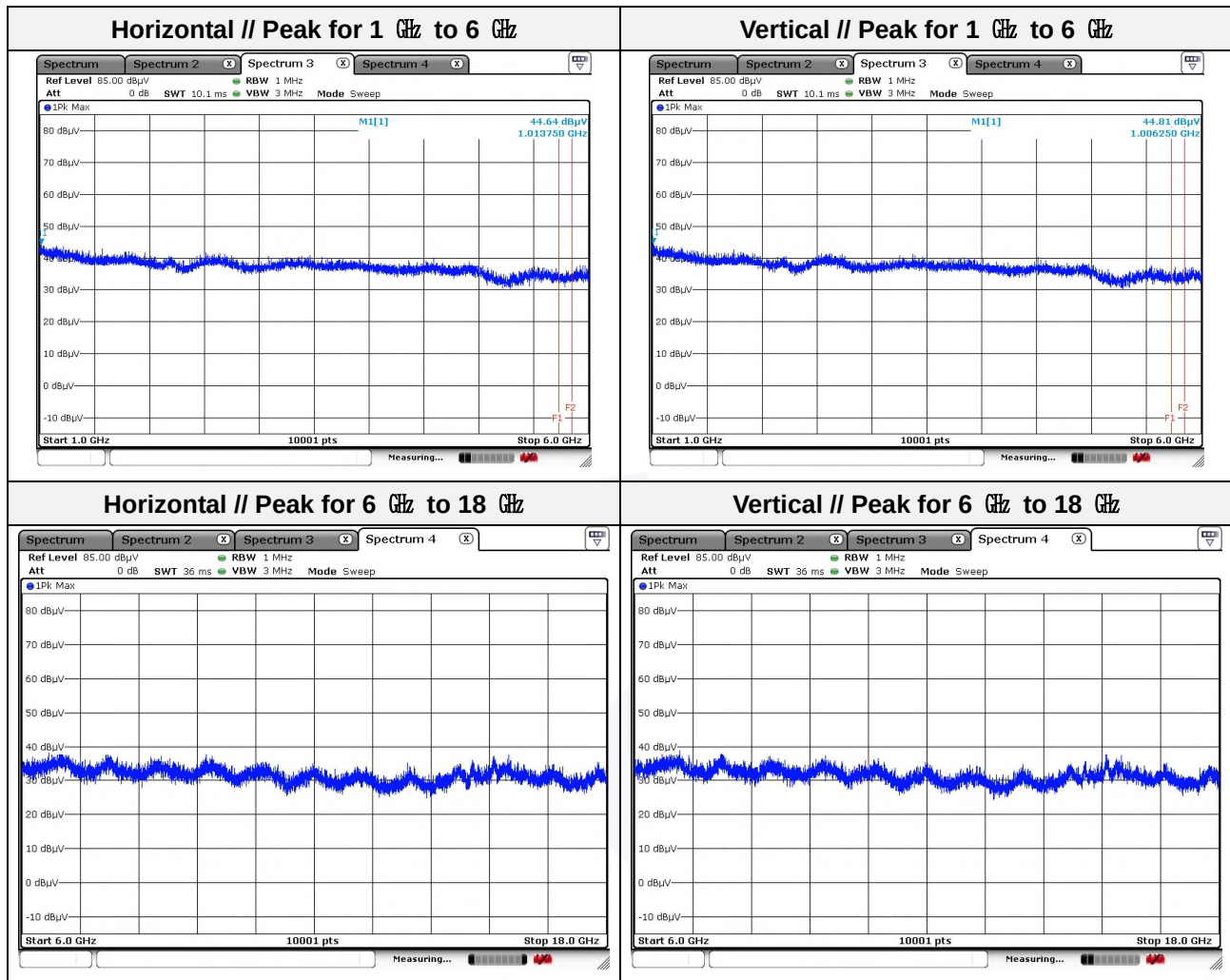
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 006.25	44.81	Peak	V	-7.85	-	36.96	74.00	37.04
1 013.75	44.64	Peak	H	-7.81	-	36.83	74.00	37.17

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 853.41	41.19	Peak	H	7.89	-	49.08	74.00	24.92
5 851.65	39.80	Peak	V	7.88	-	47.68	74.00	26.32





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



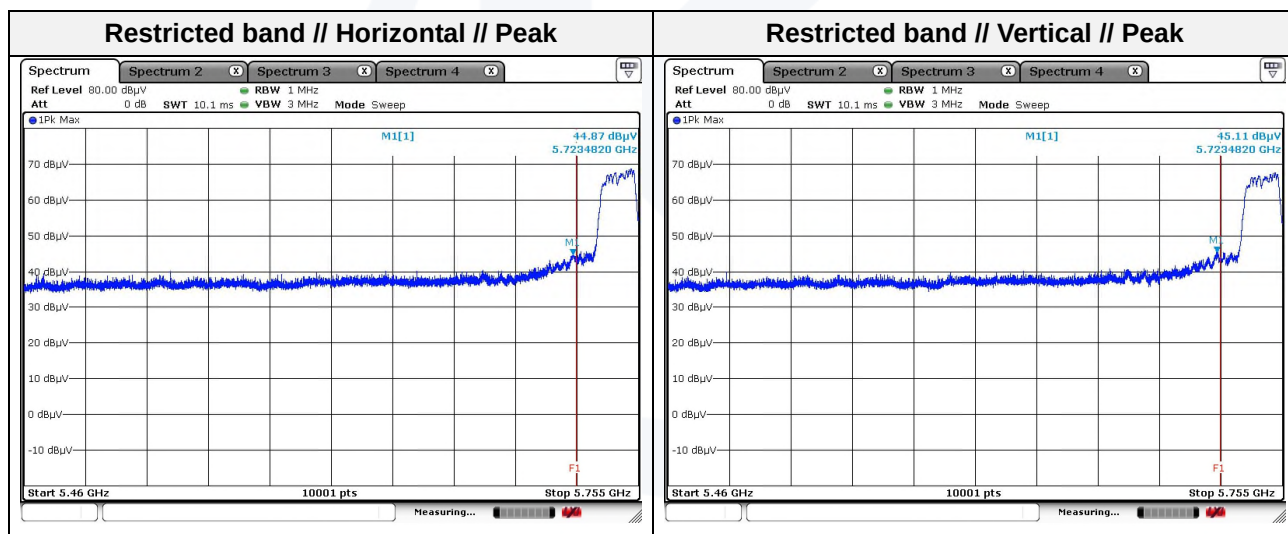
Mode:	802.11ac_VHT40 (MCS0)
Power:	AC 120 V
Band:	UNII-3
Distance of measurement:	3 meter
Channel:	151

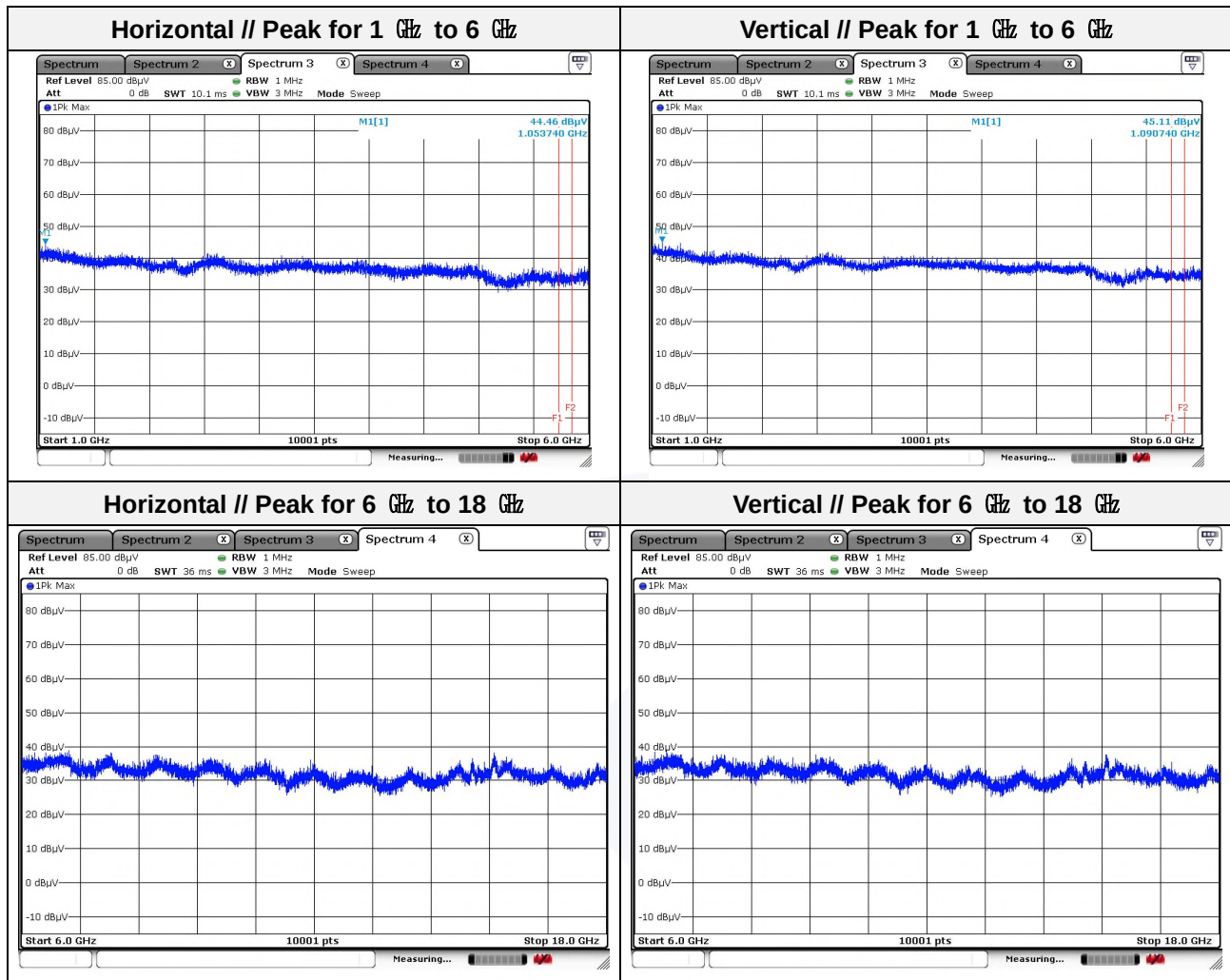
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 053.74	44.46	Peak	H	-7.60	-	36.86	74.00	37.14
1 090.74	45.11	Peak	V	-7.40	-	37.71	74.00	36.29

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 723.48	44.87	Peak	H	7.40	-	52.27	74.00	21.73
5 723.48	45.11	Peak	V	7.40	-	52.51	74.00	21.49





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



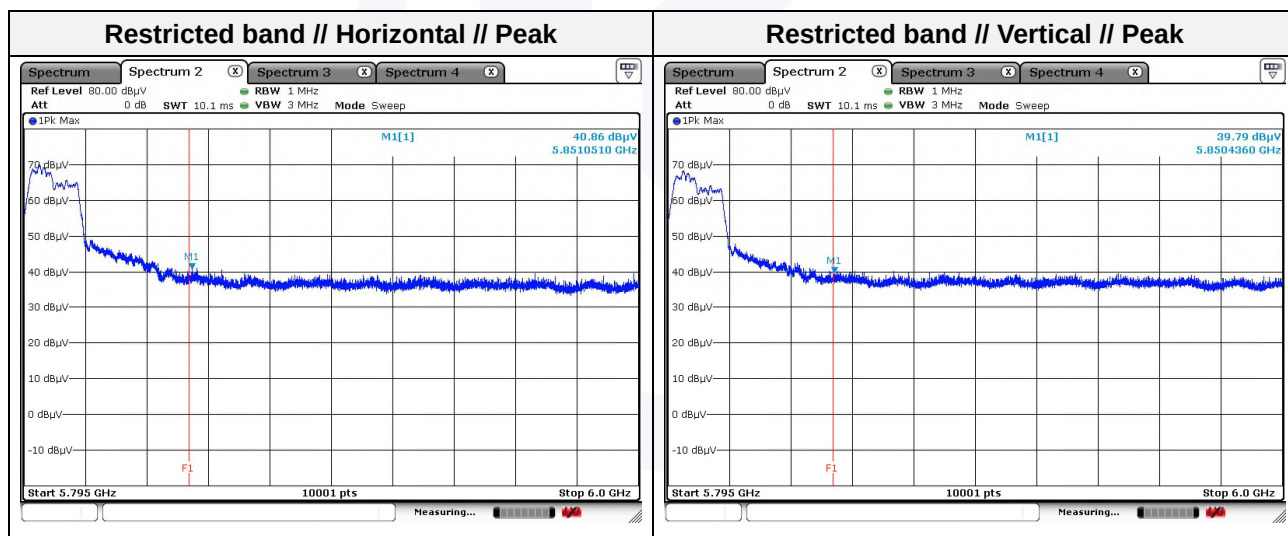
Mode: 802.11ac_VHT40 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 159

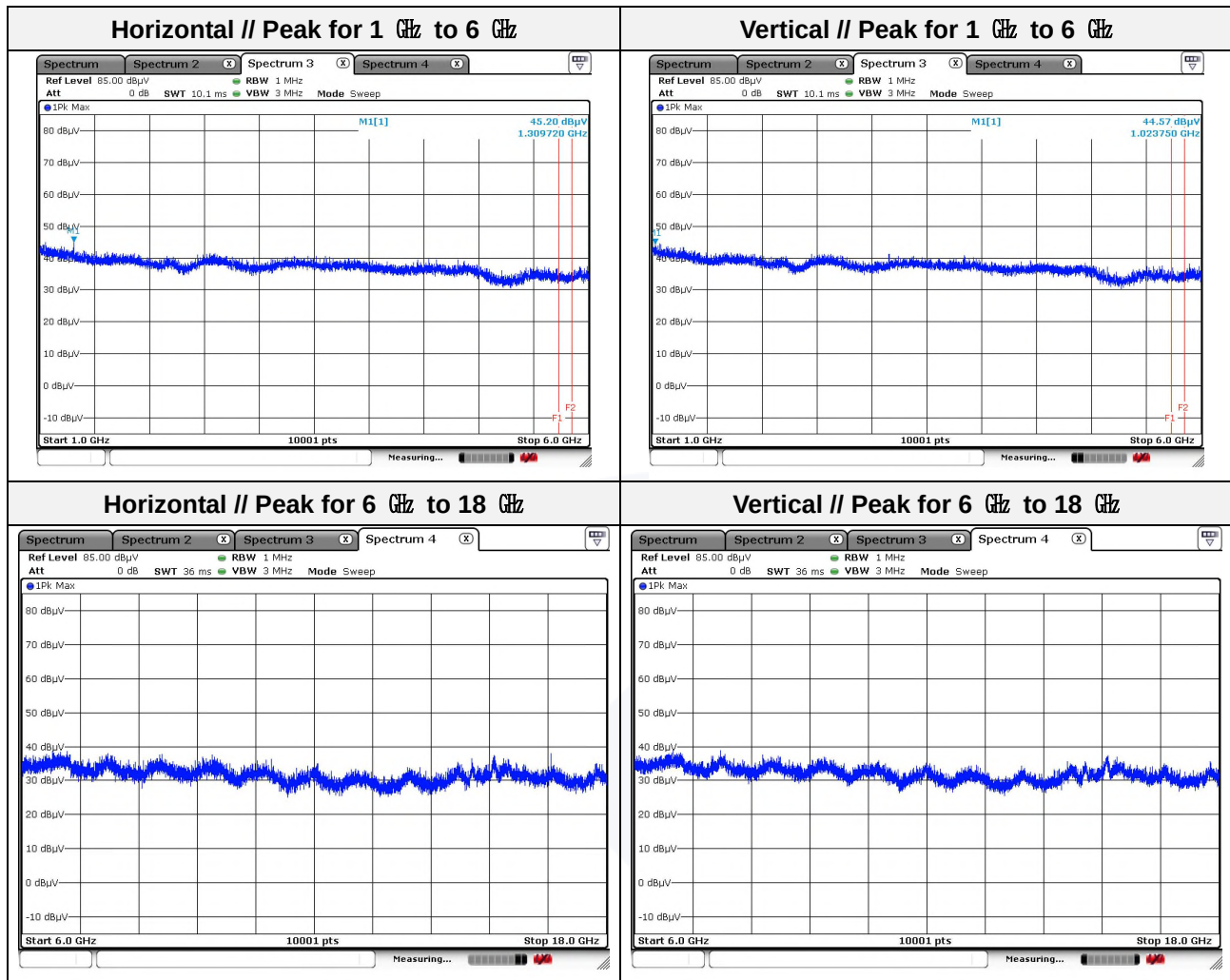
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 023.75	45.20	Peak	V	-7.75	-	37.45	74.00	36.55
1 309.72	45.20	Peak	H	-6.20	-	39.00	74.00	35.00

- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5 850.44	39.79	Peak	H	7.88	-	47.67	74.00	26.33
5 851.05	40.86	Peak	V	7.88	-	48.74	74.00	25.26





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ac_VHT80 (MCS0)
Power: AC 120 V
Band: UNII-3
Distance of measurement: 3 meter
Channel: 155

- Spurious

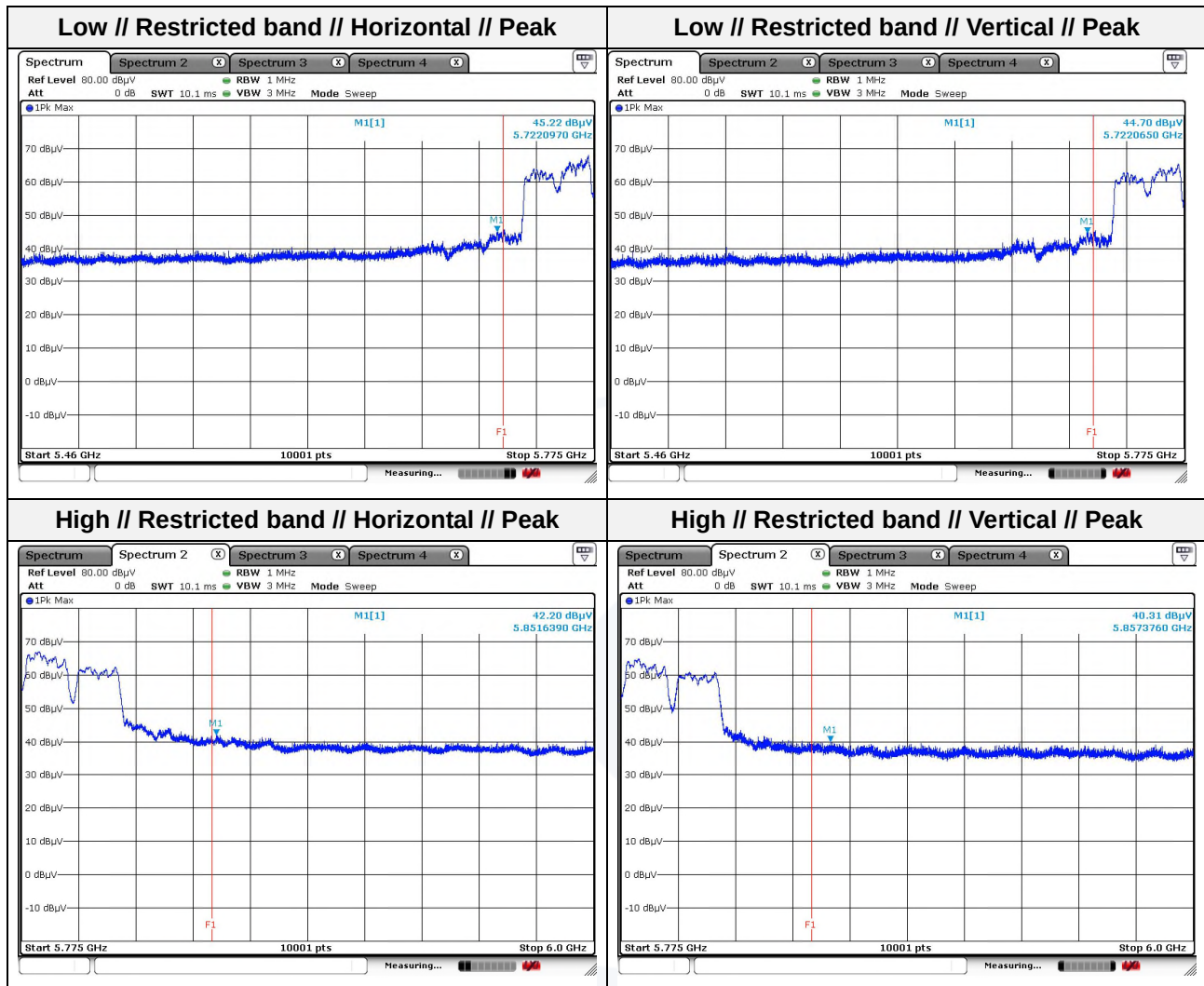
Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1 012.25	44.46	Peak	H	-7.81	-	36.65	74.00	37.35
1 076.24	44.69	Peak	V	-7.48	-	37.21	74.00	36.79

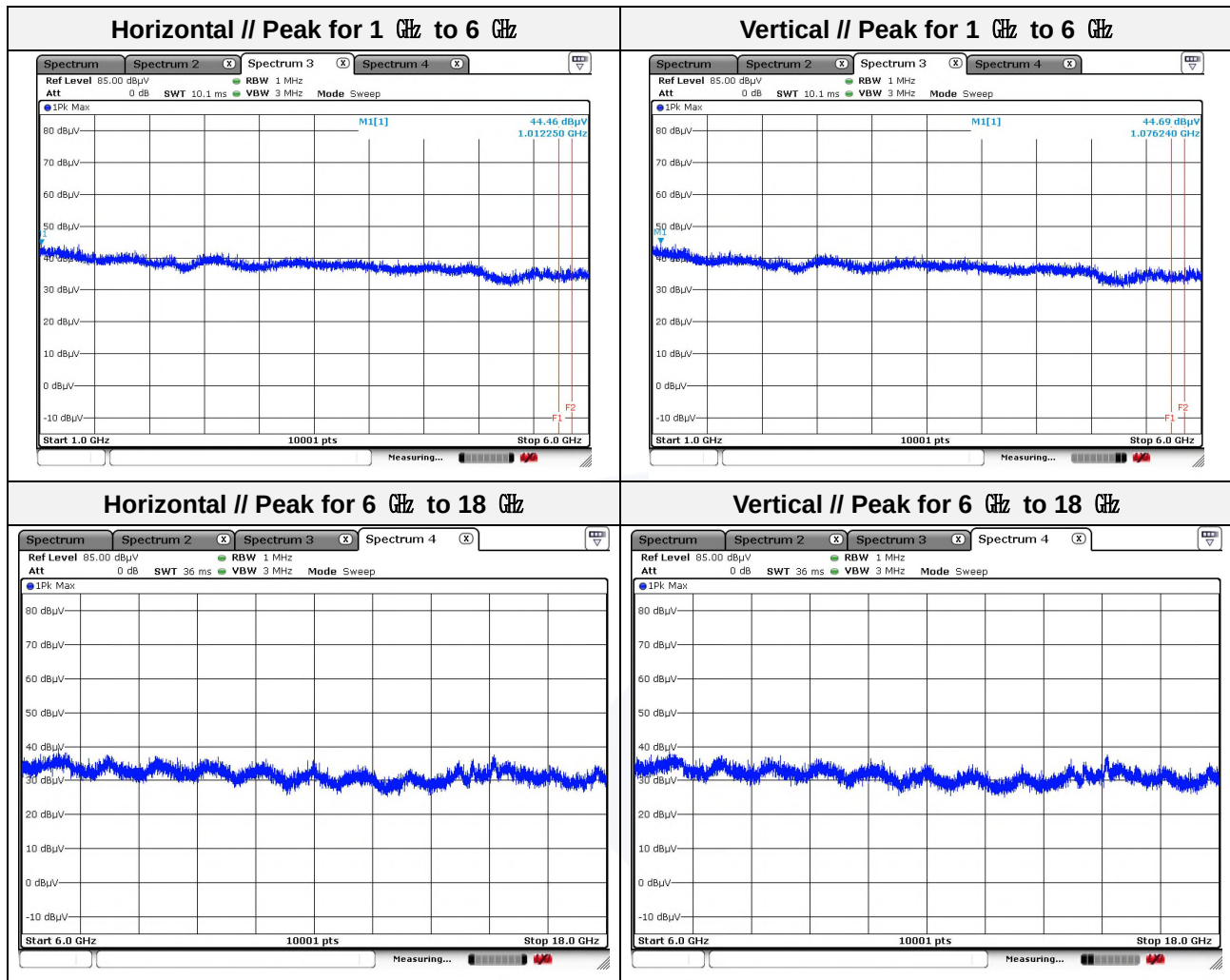
- Band edge (Lower)

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
5 722.07	44.70	Peak	V	7.39	-	52.09	74.00	21.91
5 722.10	45.22	Peak	H	7.39	-	52.61	74.00	21.39

- Band edge (Higher)

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
5 852.64	42.20	Peak	H	7.89	-	50.09	74.00	23.91
5 857.38	40.31	Peak	V	7.90	-	48.21	74.00	25.79





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



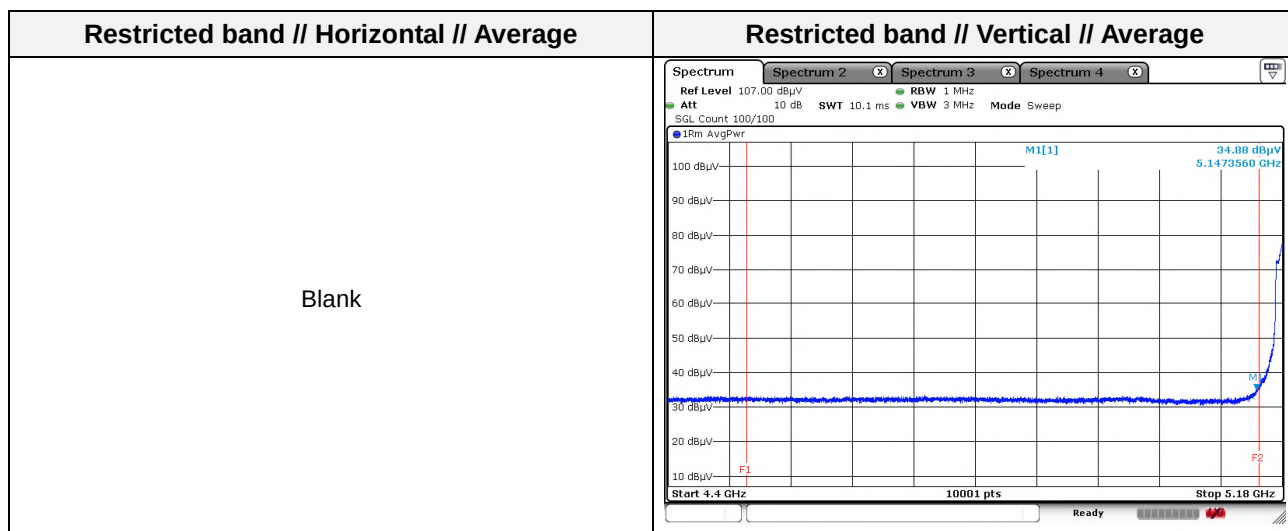
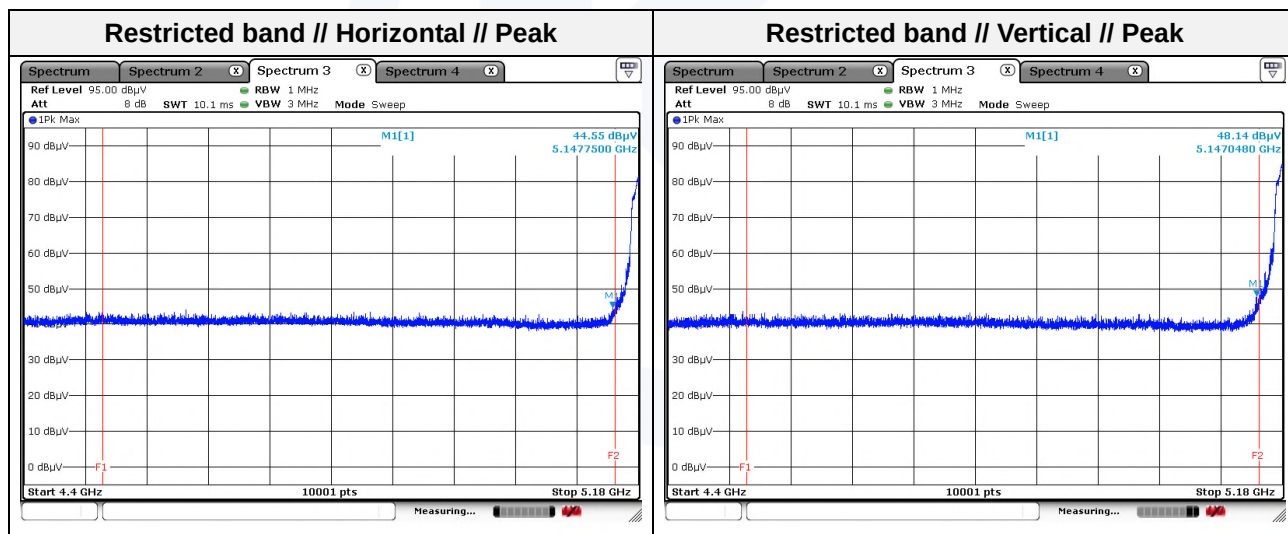
Mode:	802.11a (6 Mbps)
Power:	DC 11.1 V
Band:	UNII-1
Distance of measurement:	3 meter
Channel:	36

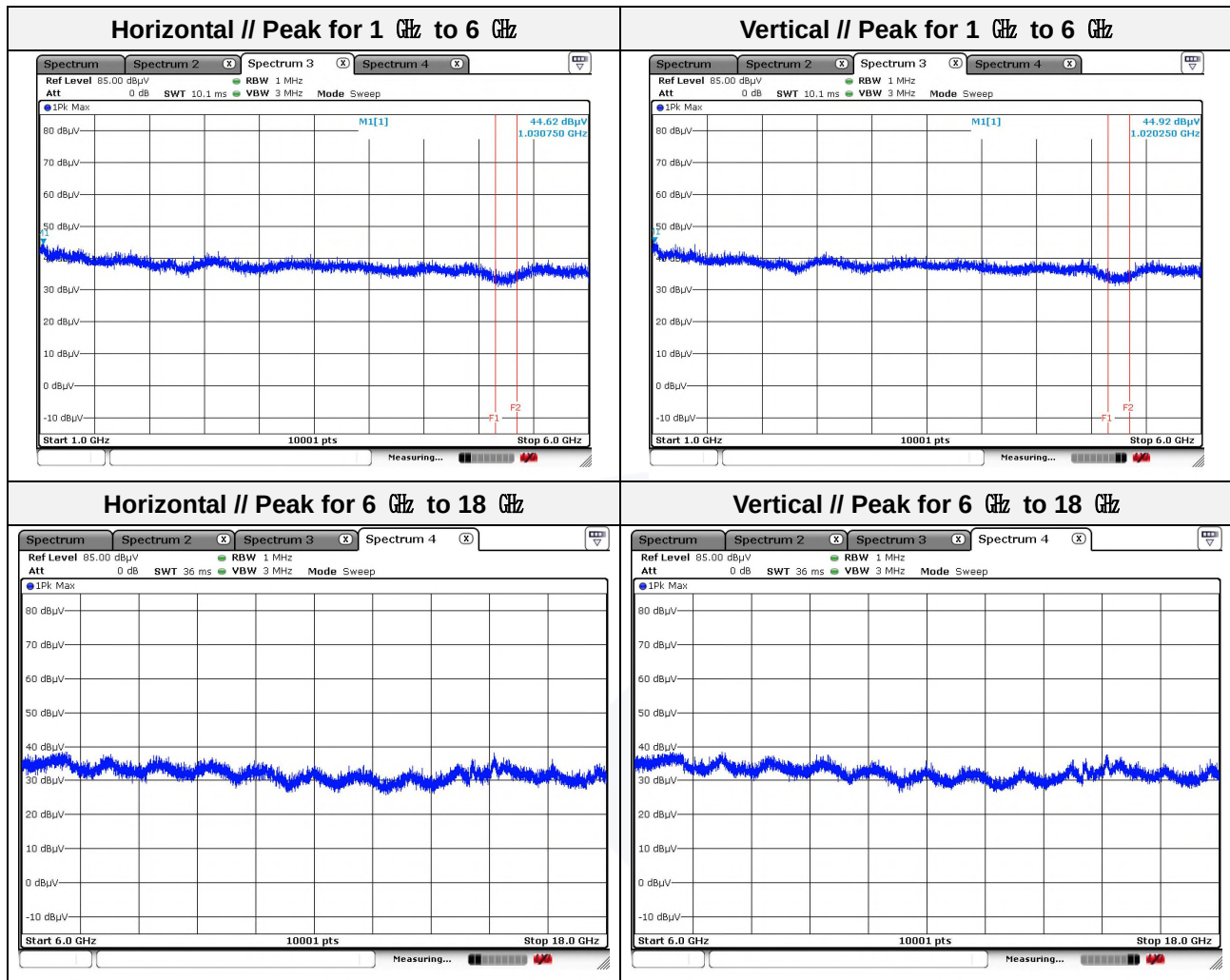
- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1 020.25	44.92	Peak	H	-7.77	-	37.15	74.00	36.85
1 030.75	44.62	Peak	V	-7.72	-	36.90	74.00	37.10

- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
5 147.05	48.14	Peak	H	6.48	-	54.62	74.00	19.38
5 147.36	34.88	Average	V	6.48	-	41.36	54.00	12.64
5 147.75	44.55	Peak	V	6.48	-	51.03	74.00	22.97





Note.

1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.