



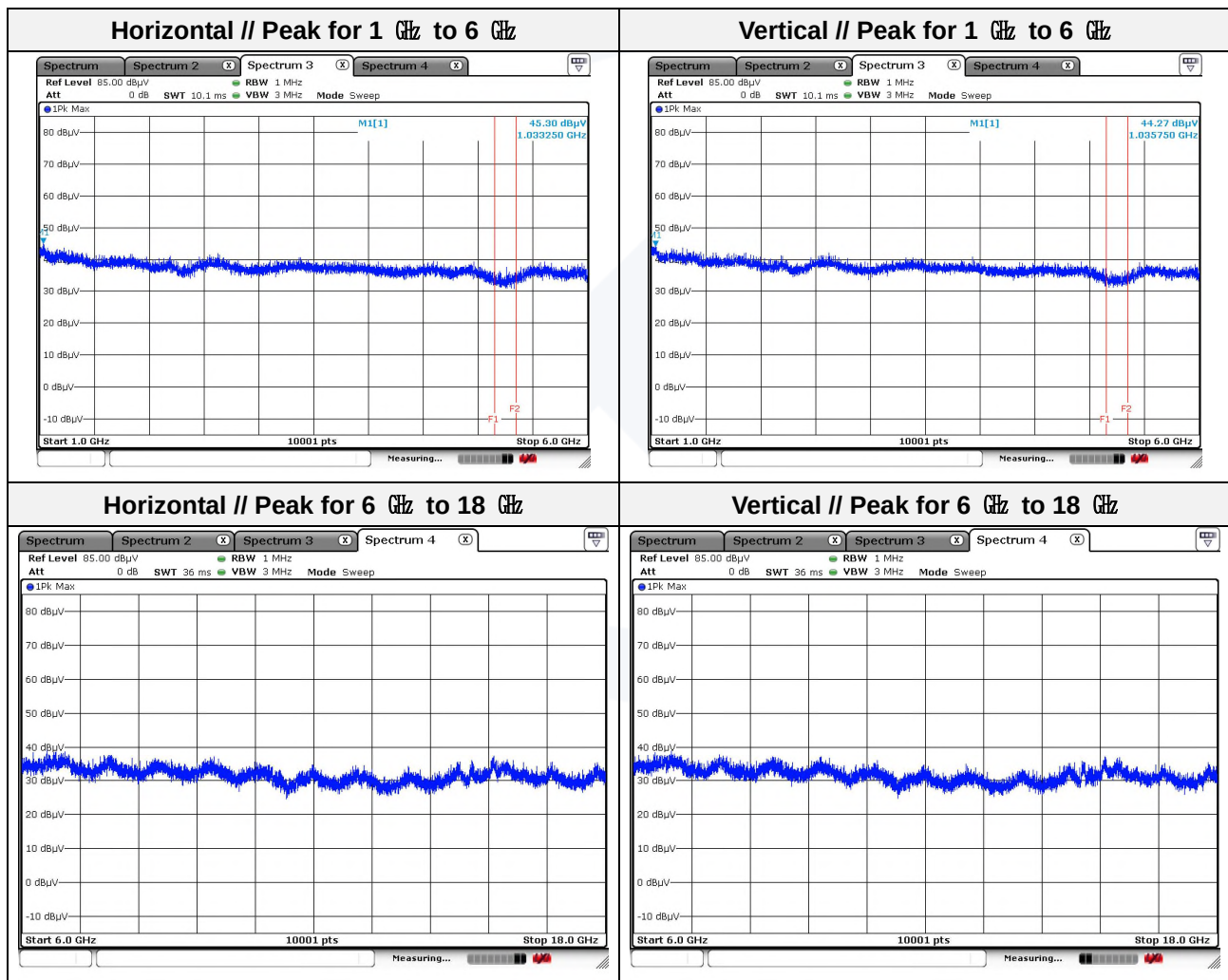
Report No. : KES-RF240948-R2

Page 116 / 125

Mode: 802.11a (6 Mbps)
Power: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 40

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 033.25	45.30	Peak	H	-7.70	-	37.60	74.00	36.40
1 035.75	44.27	Peak	V	-7.69	-	36.58	74.00	37.42



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.



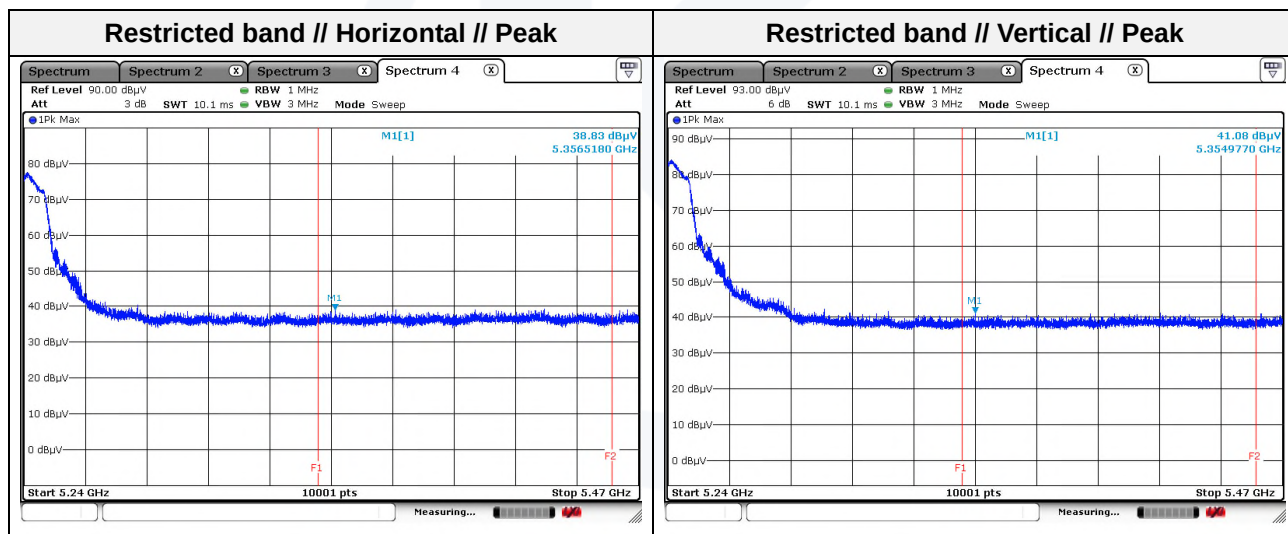
Mode: 802.11a (6 Mbps)
Power: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 48

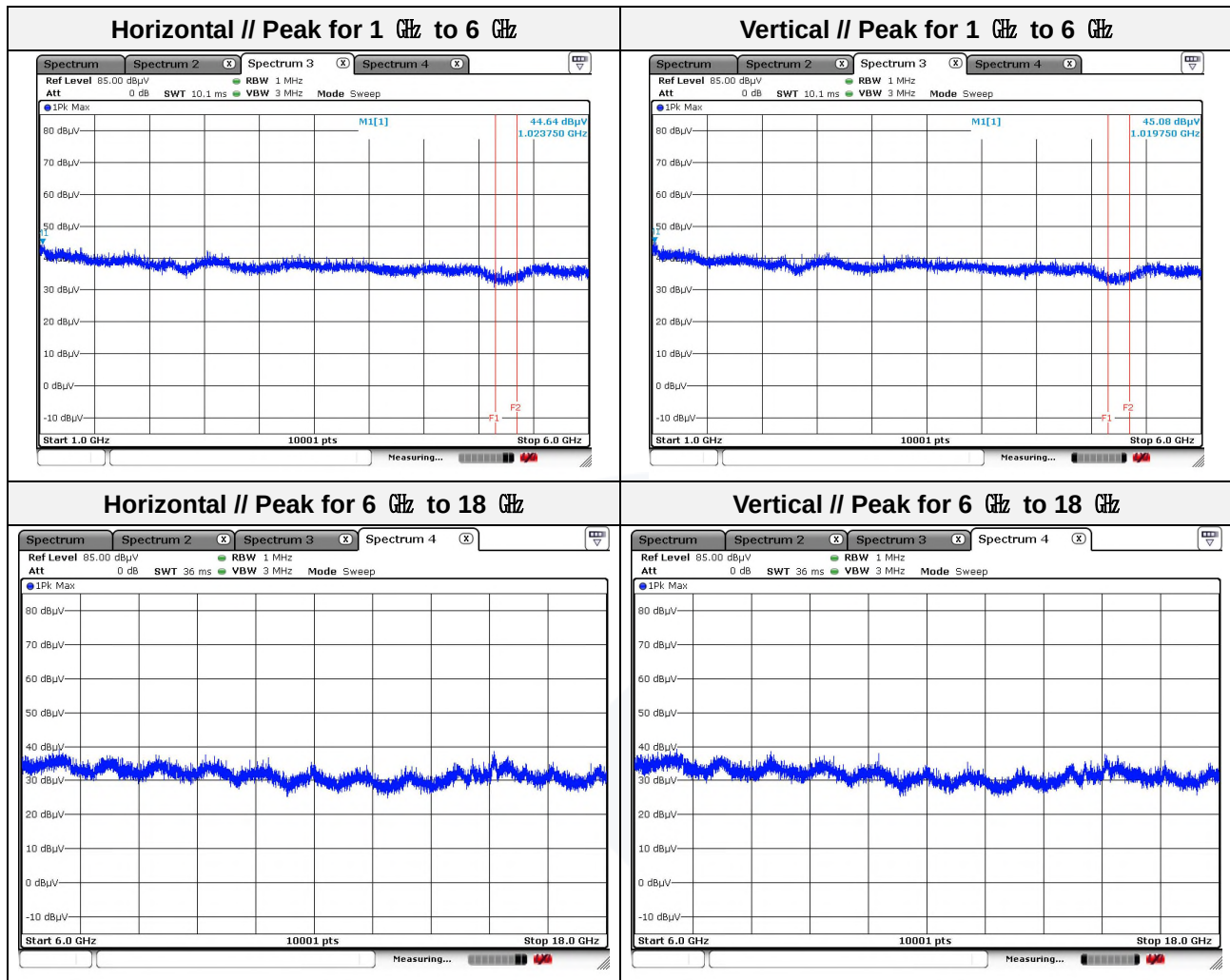
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 019.75	45.08	Peak	H	-7.77	-	37.31	74.00	36.69
1 023.75	44.64	Peak	V	-7.75	-	36.89	74.00	37.11

- 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)
5 354.98	41.08	Peak	V	6.51	-	47.59	74.00	26.41
5 356.52	38.83	Peak	H	6.51	-	45.34	74.00	28.66





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.



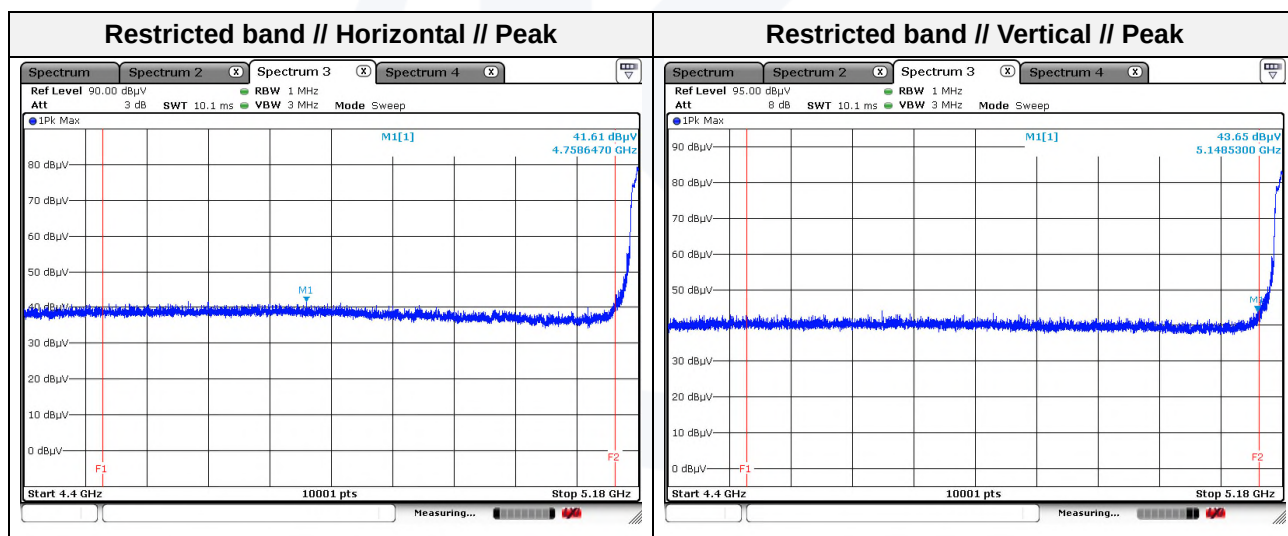
Mode:	802.11n_HT20 (MCS0)
Power:	DC 11.1 V
Band:	UNII-1
Distance of measurement:	3 meter
Channel:	36

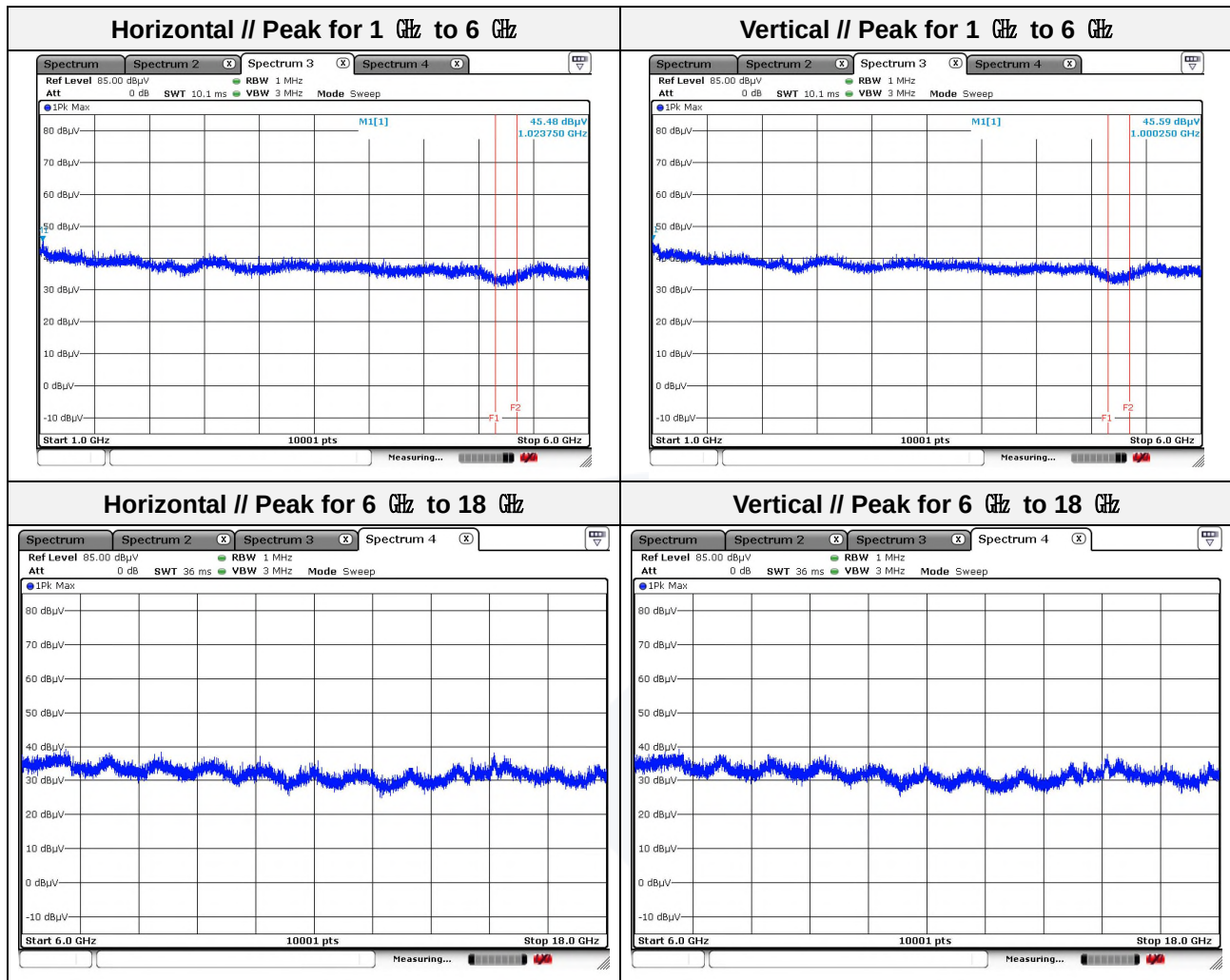
- Spurious

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	45.59	Peak	V	-7.88	-	37.71	74.00	36.29
1 023.75	45.48	Peak	H	-7.75	-	37.73	74.00	36.27

- 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)
4 758.65	41.61	Peak	H	5.16	-	46.77	74.00	27.23
5 148.53	43.65	Peak	V	6.48	-	50.13	74.00	23.87





Note.

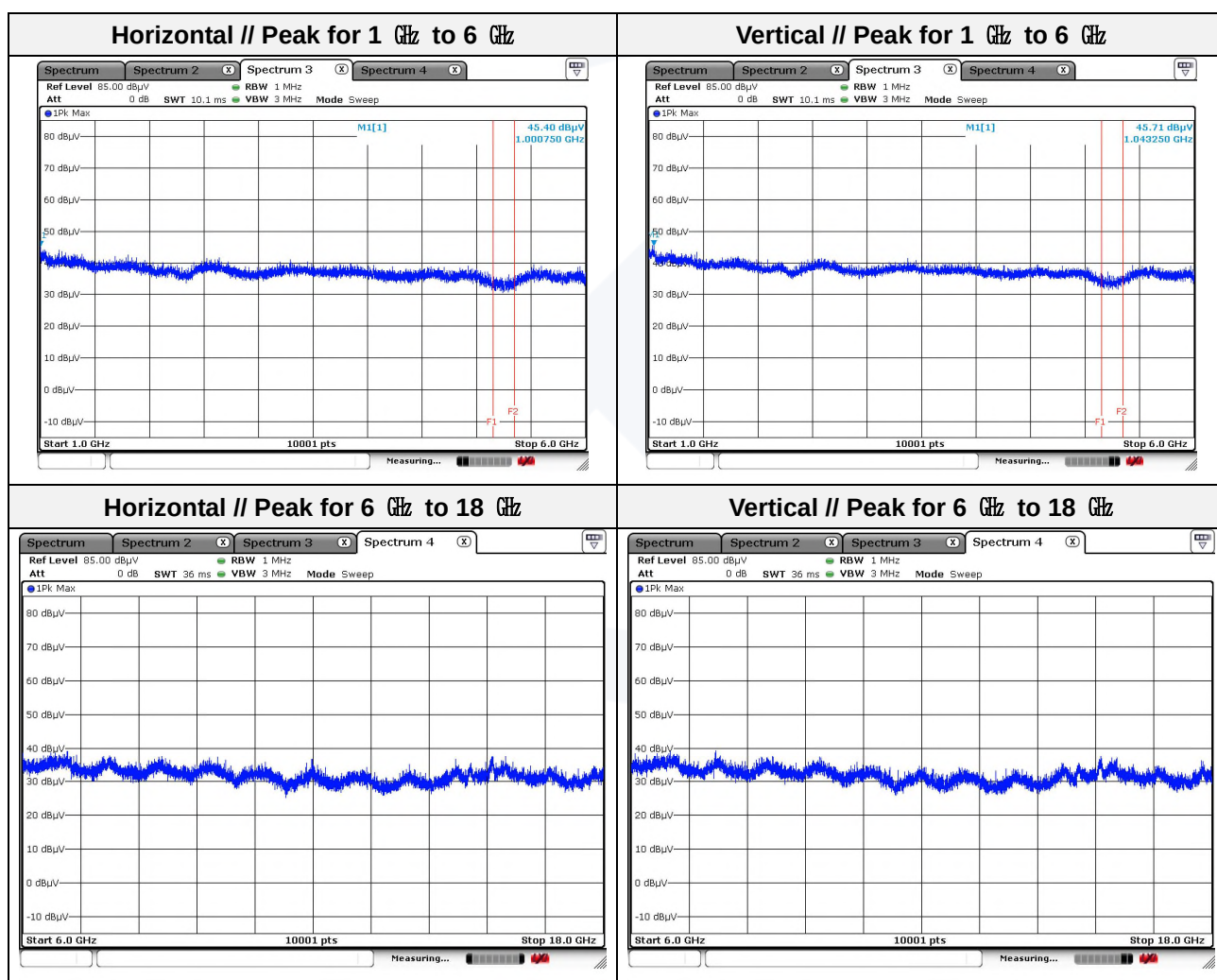
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11n_HT20 (MCS0)
Power: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 40

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.75	45.40	Peak	H	-7.87	-	37.53	74.00	36.47
1 043.25	45.71	Peak	V	-7.65	-	38.06	74.00	35.94



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.



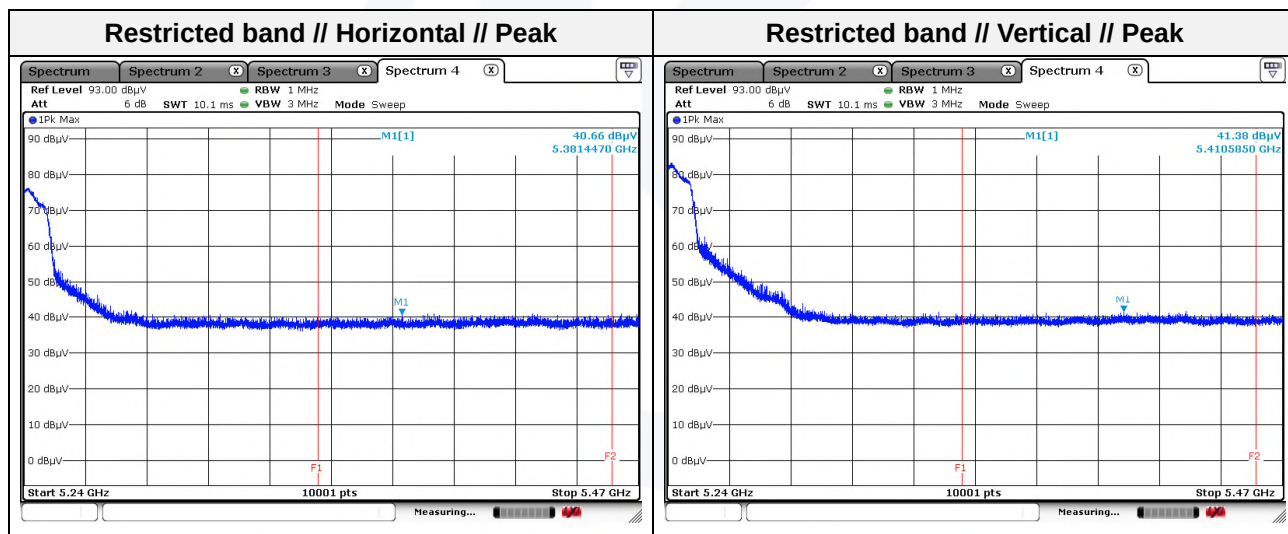
Mode: 802.11n_HT20 (MCS0)
Power: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 48

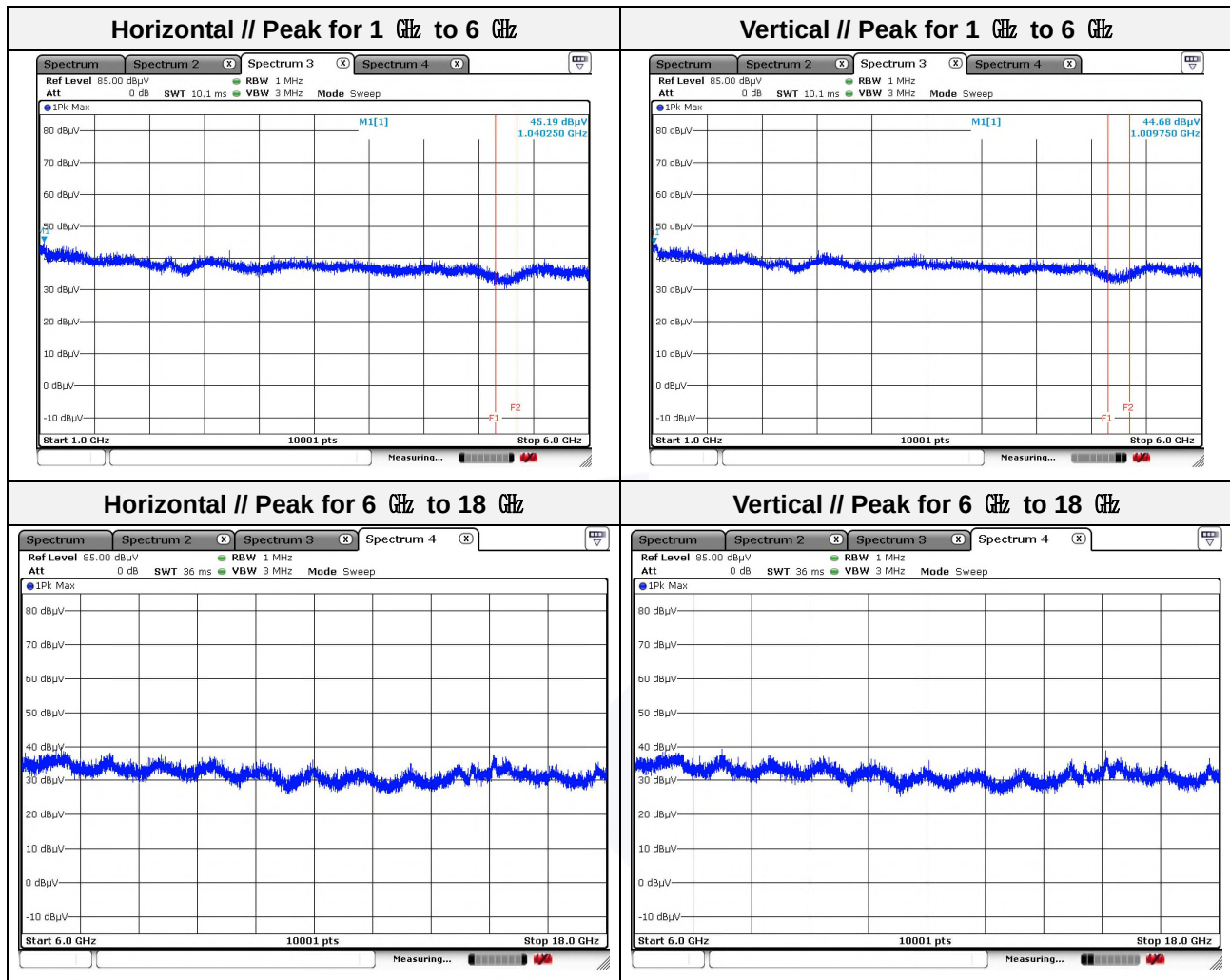
- Spurious

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)
1 009.75	44.68	Peak	V	-7.83	-	36.85	74.00	37.15
1 040.25	45.19	Peak	H	-7.67	-	37.52	74.00	36.48

- 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)
5 381.45	40.66	Peak	H	6.51	-	47.17	74.00	26.83
5 410.59	41.38	Peak	V	6.50	-	47.88	74.00	26.12





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.



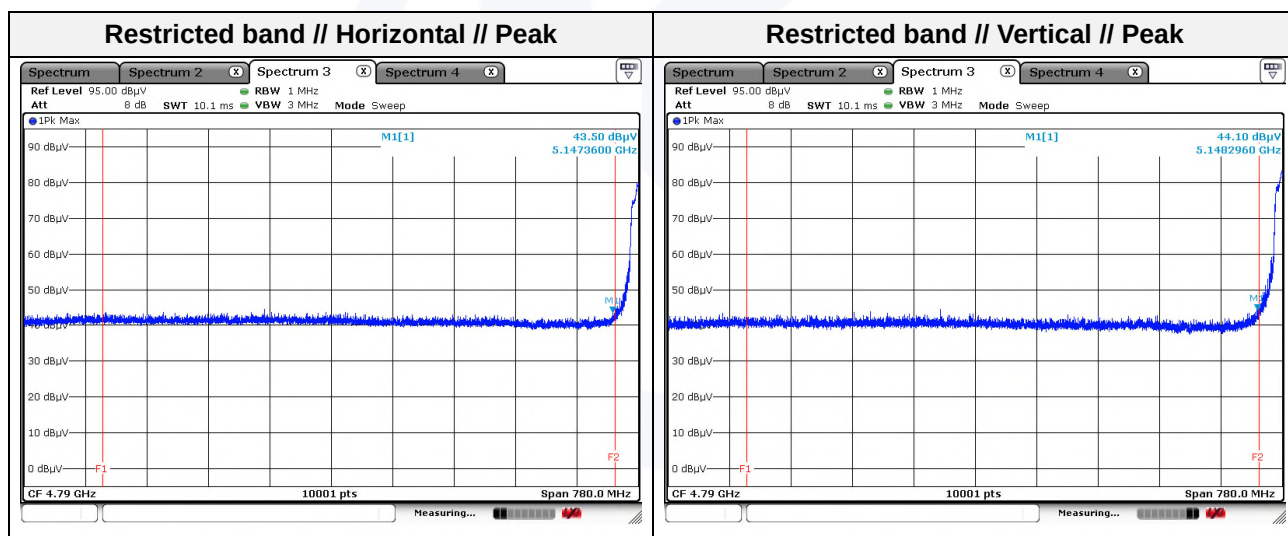
Mode:	802.11ac_VHT20 (MCS0)
Power:	DC 11.1 V
Band:	UNII-1
Distance of measurement:	3 meter
Channel:	36

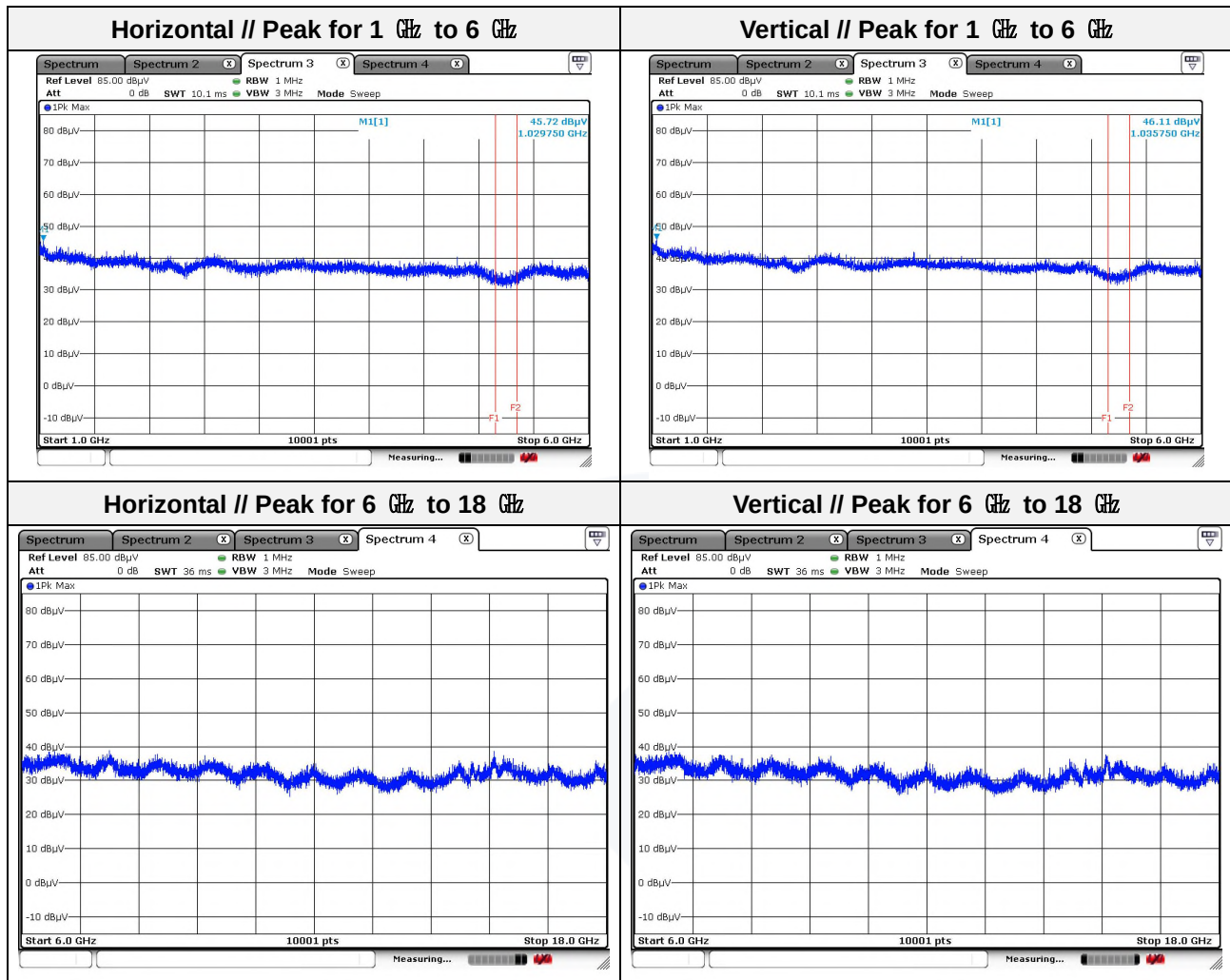
- Spurious

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)
1 029.75	45.72	Peak	H	-7.72	-	38.00	74.00	36.00
1 035.75	46.11	Peak	V	-7.69	-	38.42	74.00	35.58

- 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)
5 147.36	43.50	Peak	H	6.48	-	49.98	74.00	24.02
5 148.30	44.10	Peak	V	6.48	-	50.58	74.00	23.42





Note.

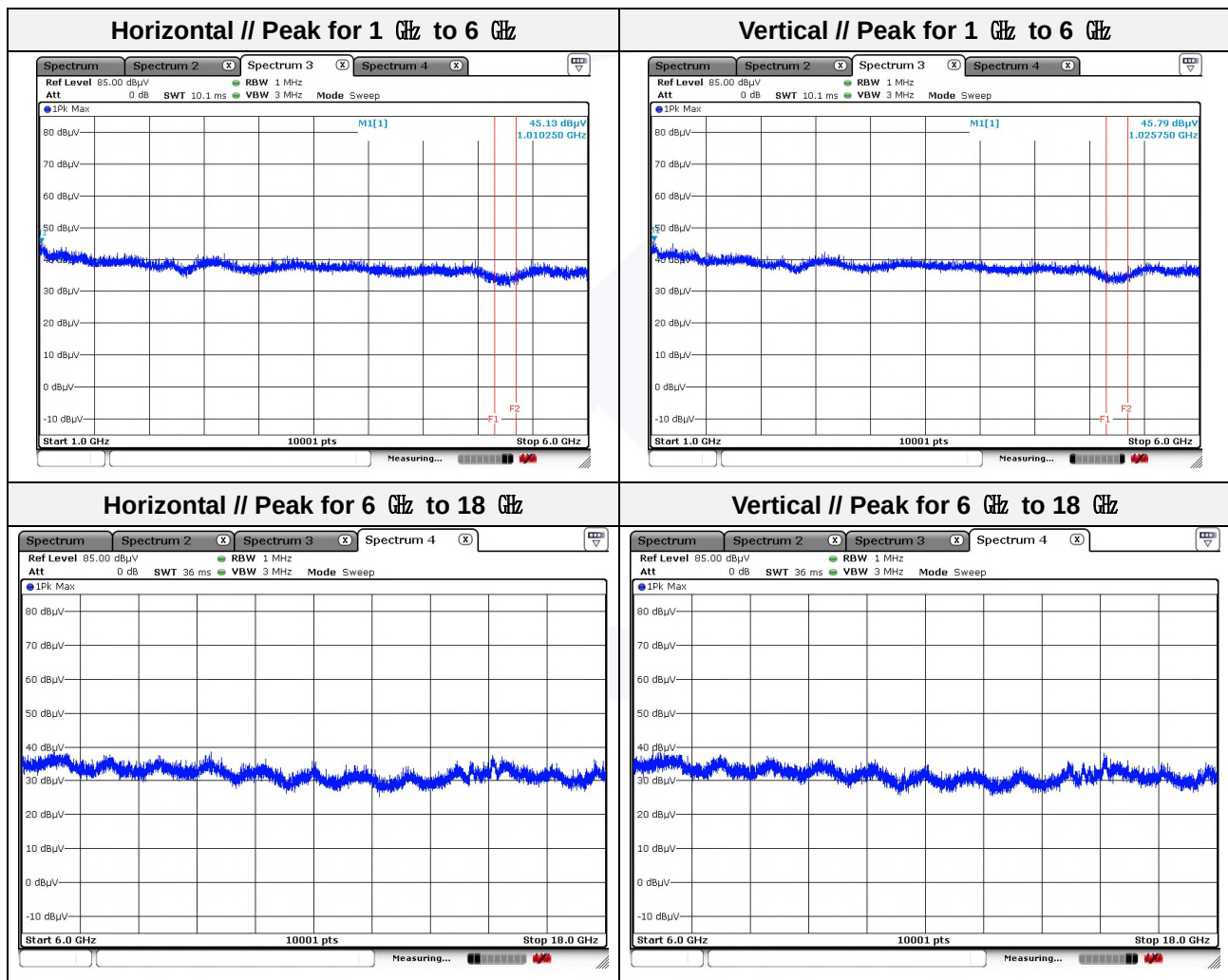
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ac_VHT20 (MCS0)
Power: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 40

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 010.25	45.13	Peak	H	-7.82	-	37.31	74.00	36.69
1 025.75	45.79	Peak	V	-7.74	-	38.05	74.00	35.95

**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.



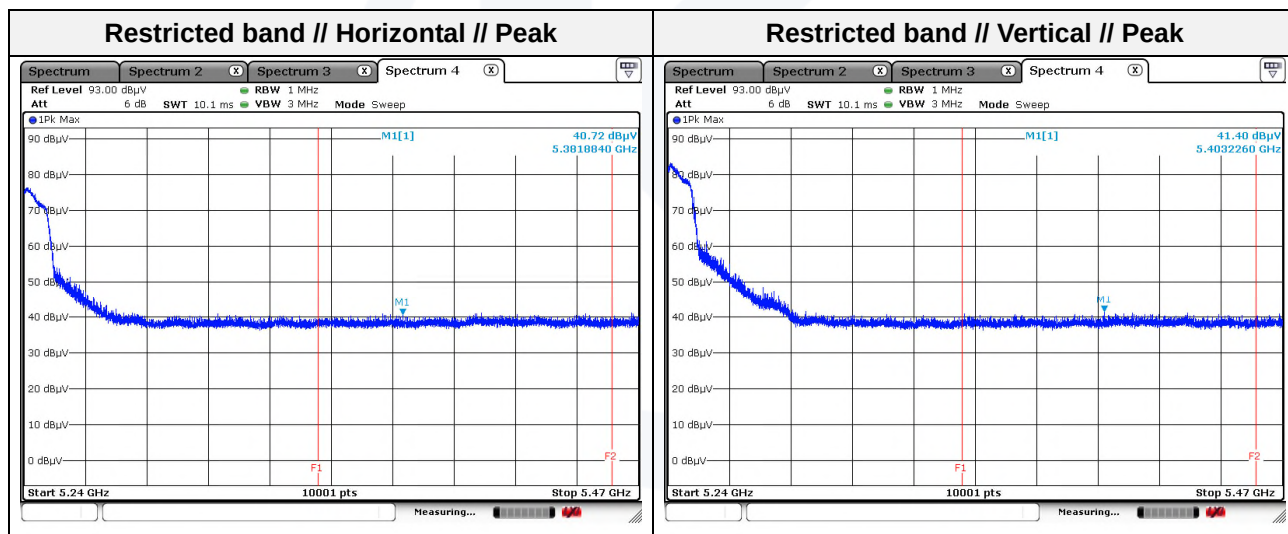
Mode: 802.11ac_VHT20 (MCS0)
Power: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 48

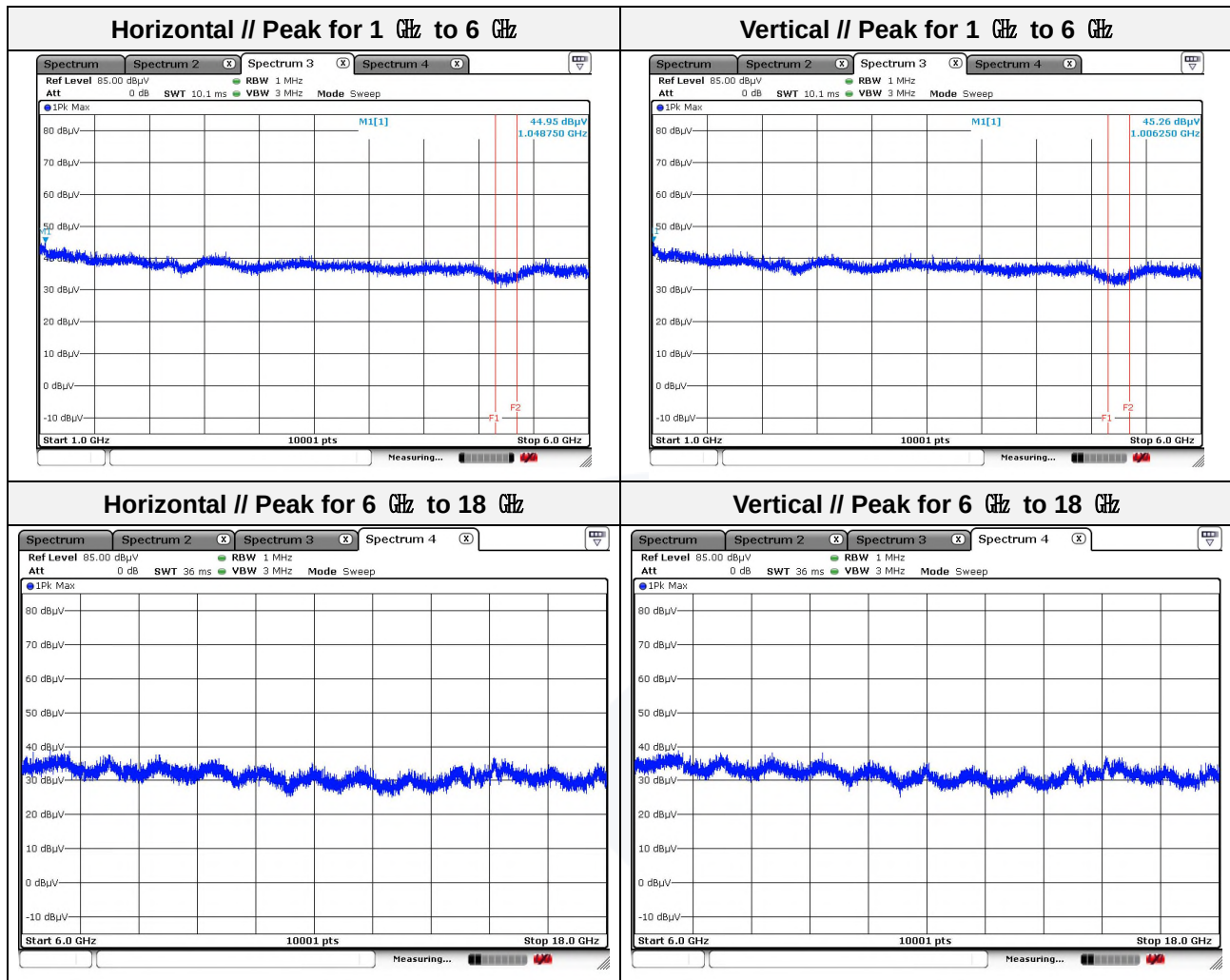
- Spurious

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)
1 006.25	45.26	Peak	V	-7.85	-	37.41	74.00	36.59
1 048.75	44.95	Peak	H	-7.62	-	37.33	74.00	36.67

- 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)
5 381.88	40.72	Peak	H	6.51	-	47.23	74.00	26.77
5 403.23	41.40	Peak	V	6.51	-	47.91	74.00	26.09





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.



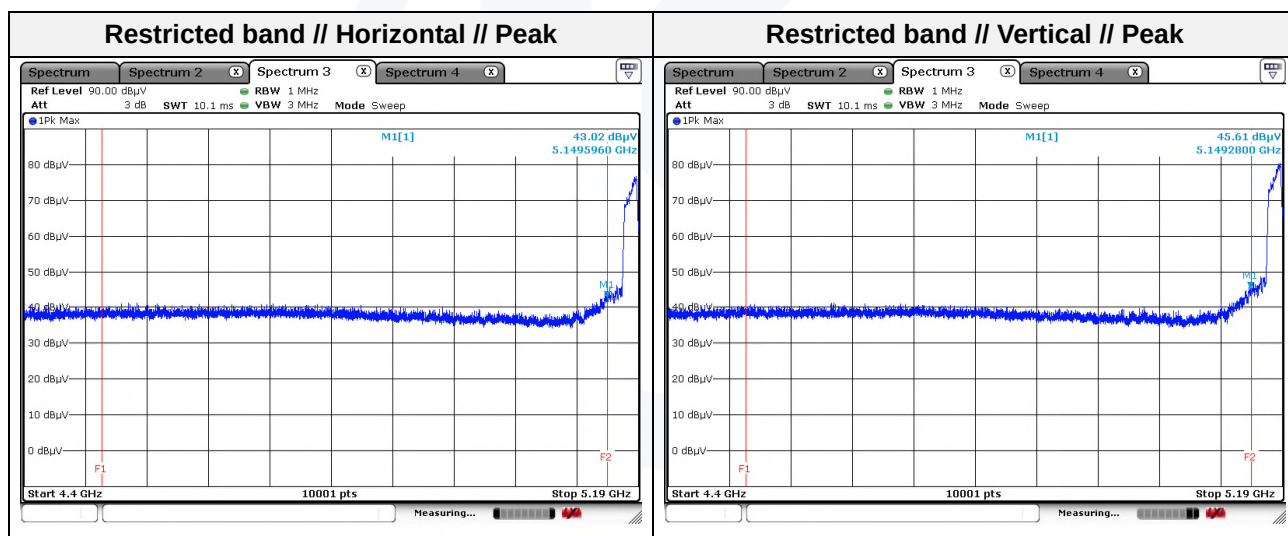
Mode:	802.11n_HT40 (MCS0)
Power:	DC 11.1 V
Band:	UNII-1
Distance of measurement:	3 meter
Channel:	38

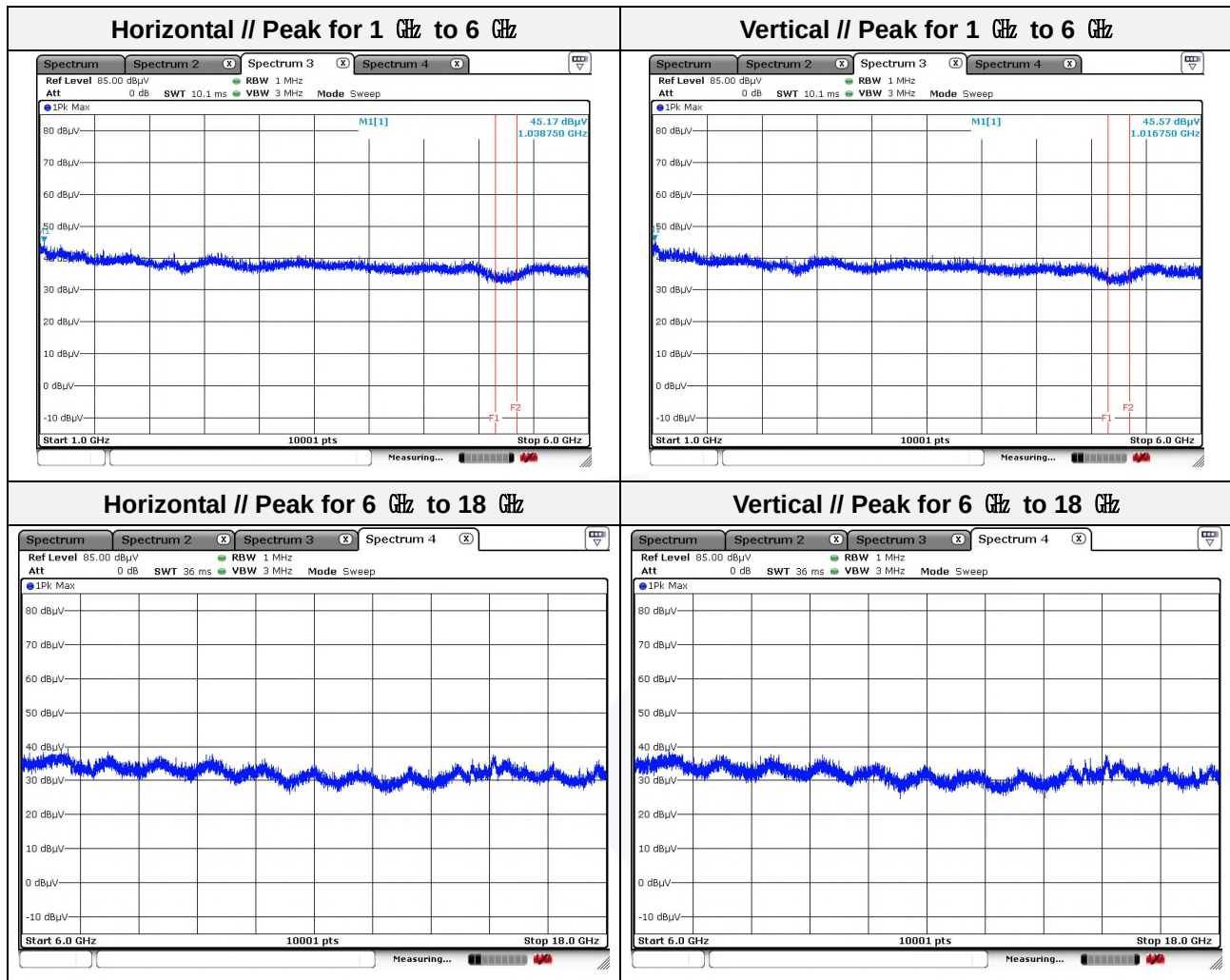
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 016.75	45.57	Peak	V	-7.79	-	37.78	74.00	36.22
1 038.75	45.17	Peak	H	-7.67	-	37.50	74.00	36.50

- 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)
5 149.28	45.61	Peak	V	6.48	-	52.09	74.00	21.91
5 149.60	43.02	Peak	H	6.48	-	49.50	74.00	24.50





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.



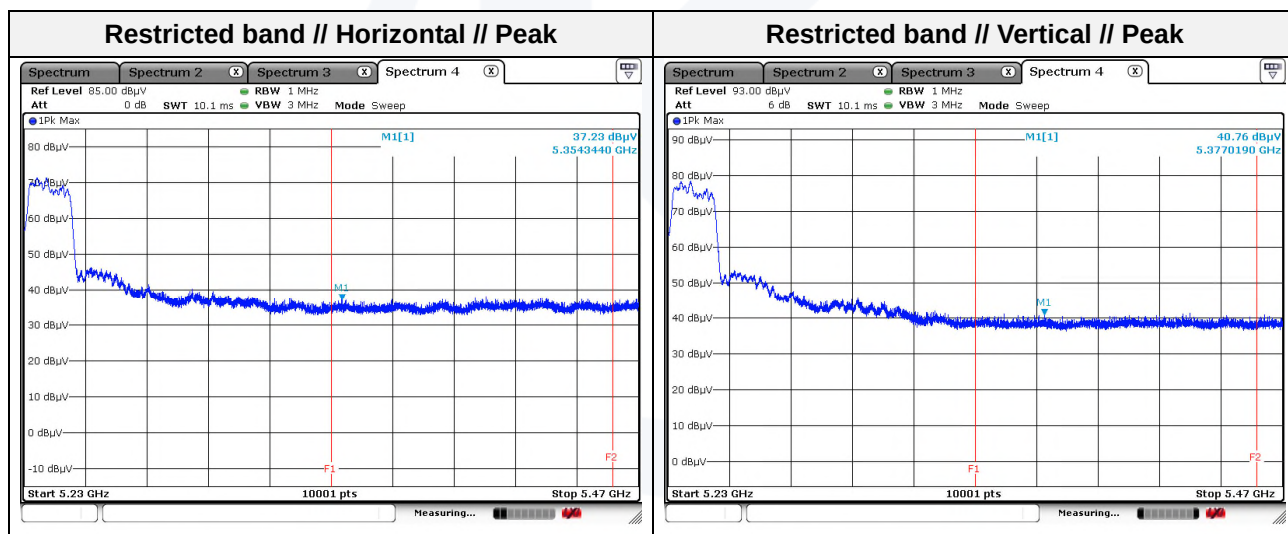
Mode: 802.11n_HT40 (MCS0)
Power: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 46

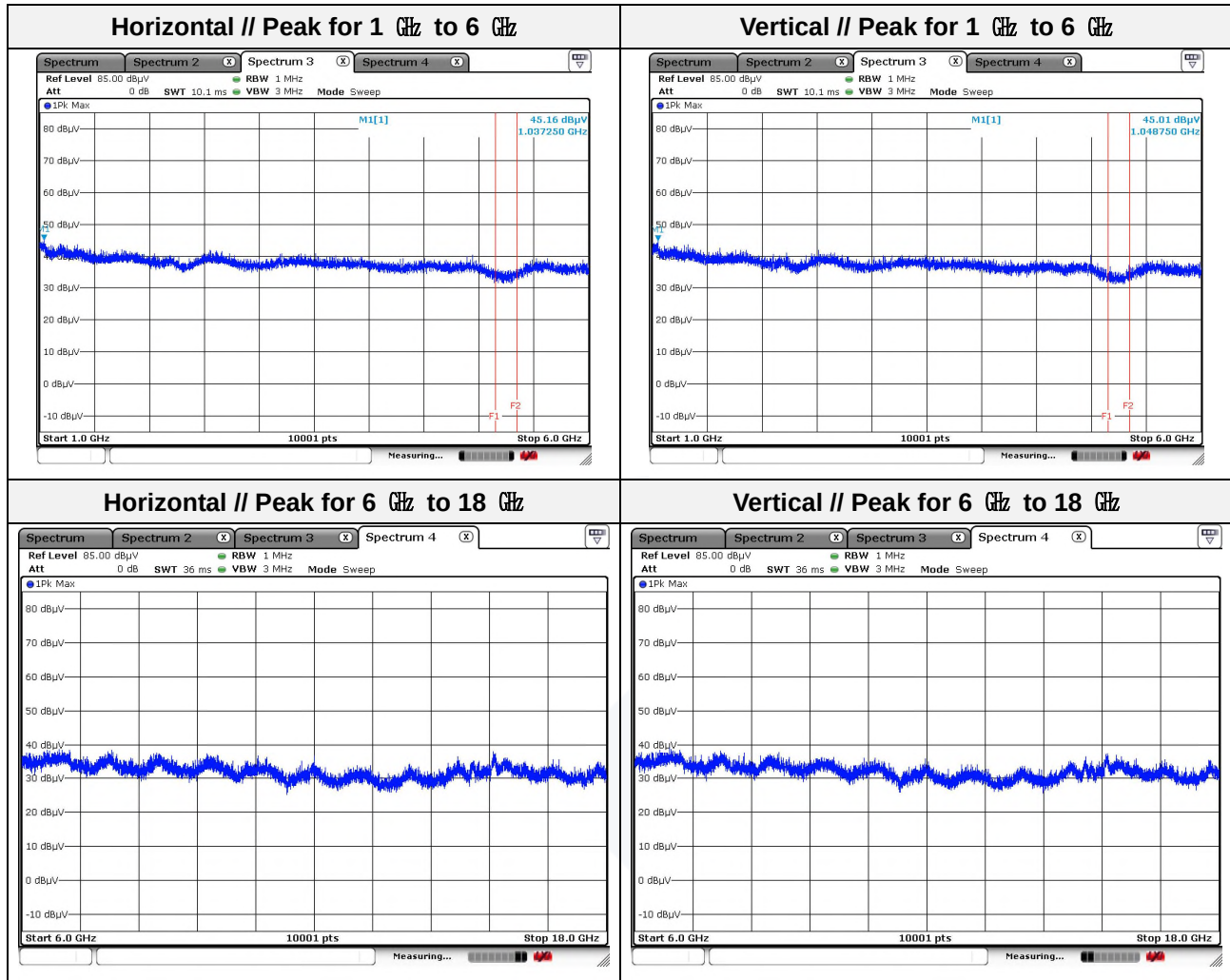
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 037.25	45.16	Peak	H	-7.68	-	37.48	74.00	36.52
1 048.75	45.01	Peak	V	-7.62	-	37.39	74.00	36.61

- 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)
5 354.34	37.23	Peak	H	6.51	-	43.74	74.00	30.26
5 377.02	40.76	Peak	V	6.51	-	47.27	74.00	26.73





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.



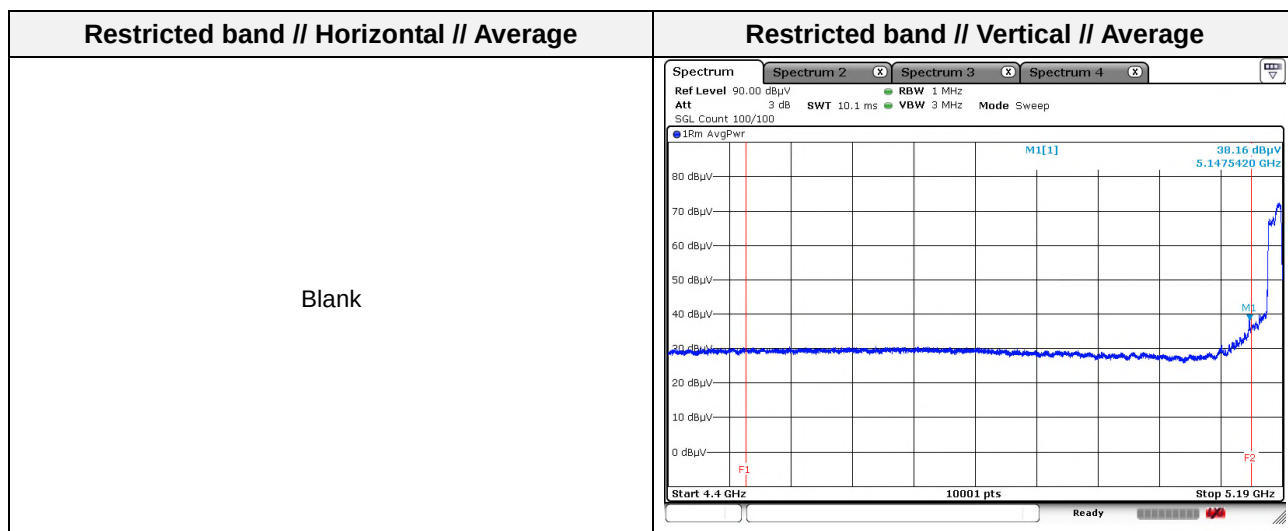
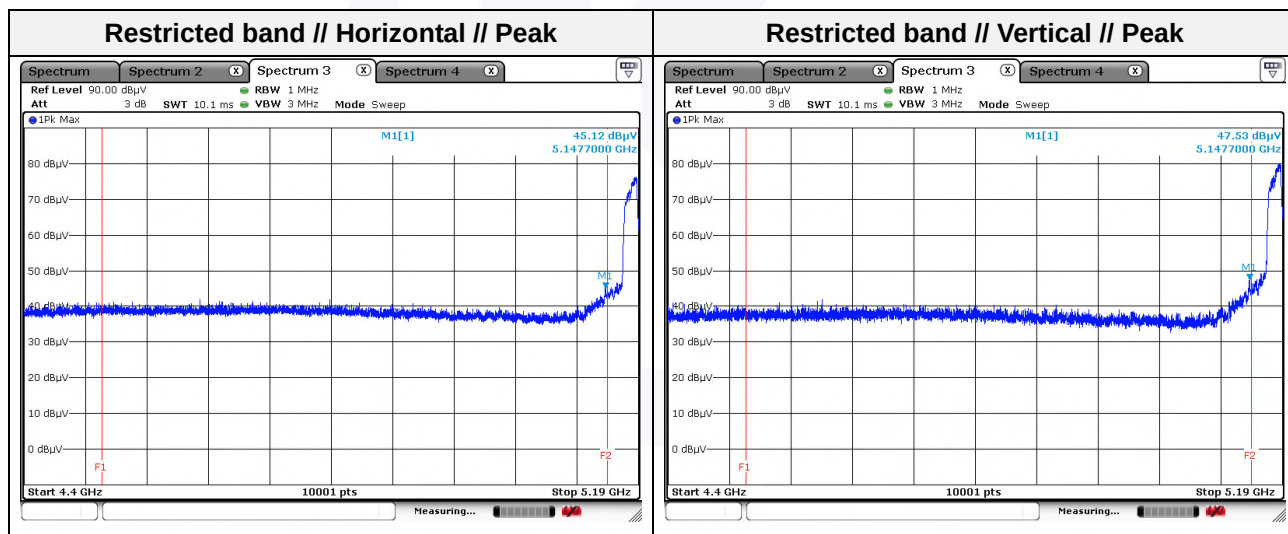
Mode:	802.11ac_VHT40 (MCS0)
Power:	DC 11.1 V
Band:	UNII-1
Distance of measurement:	3 meter
Channel:	38

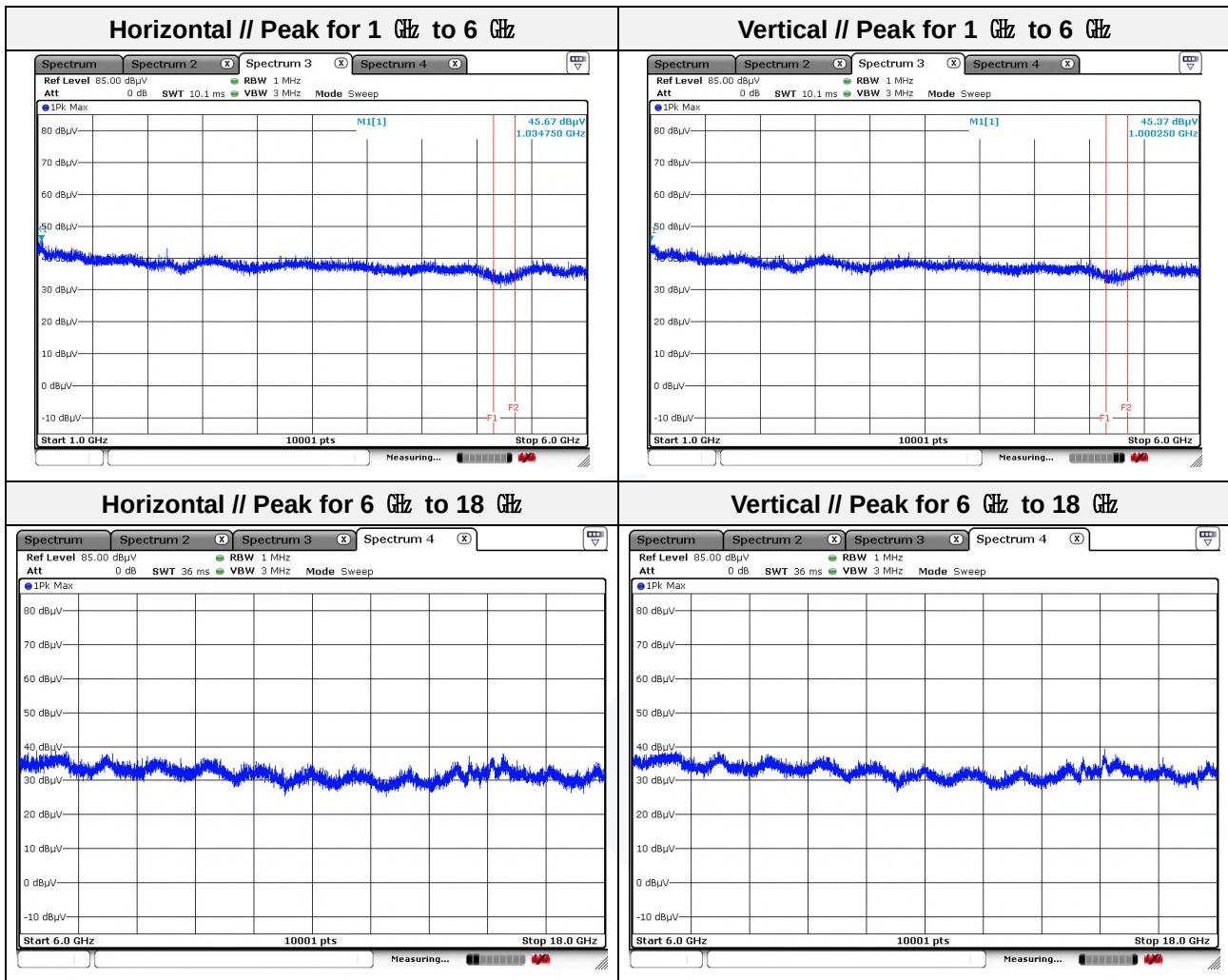
- Spurious

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)
1 000.25	45.37	Peak	V	-7.88	-	37.49	74.00	36.51
1 034.75	45.67	Peak	H	-7.70	-	37.97	74.00	36.03

- 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)
5 147.70	47.53	Peak	V	6.48	-	54.01	74.00	19.99
5 147.54	38.16	Average	V	6.48	-	44.64	54.00	9.36
5 147.70	45.12	Peak	H	6.48	-	51.60	74.00	22.40





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.



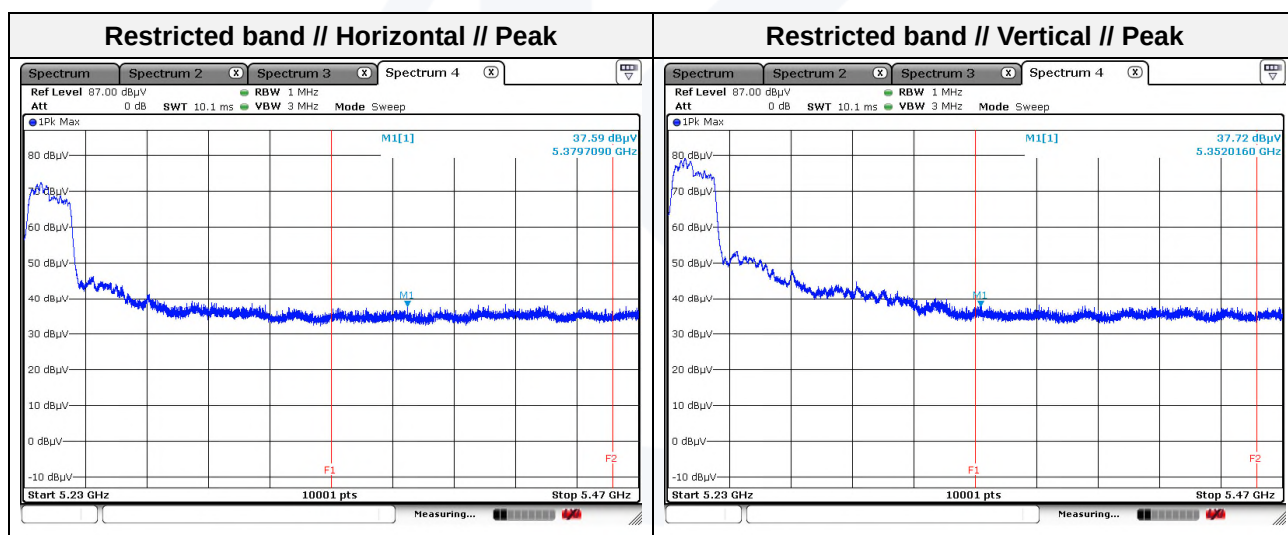
Mode: 802.11ac_VHT40 (MCS0)
Power: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 46

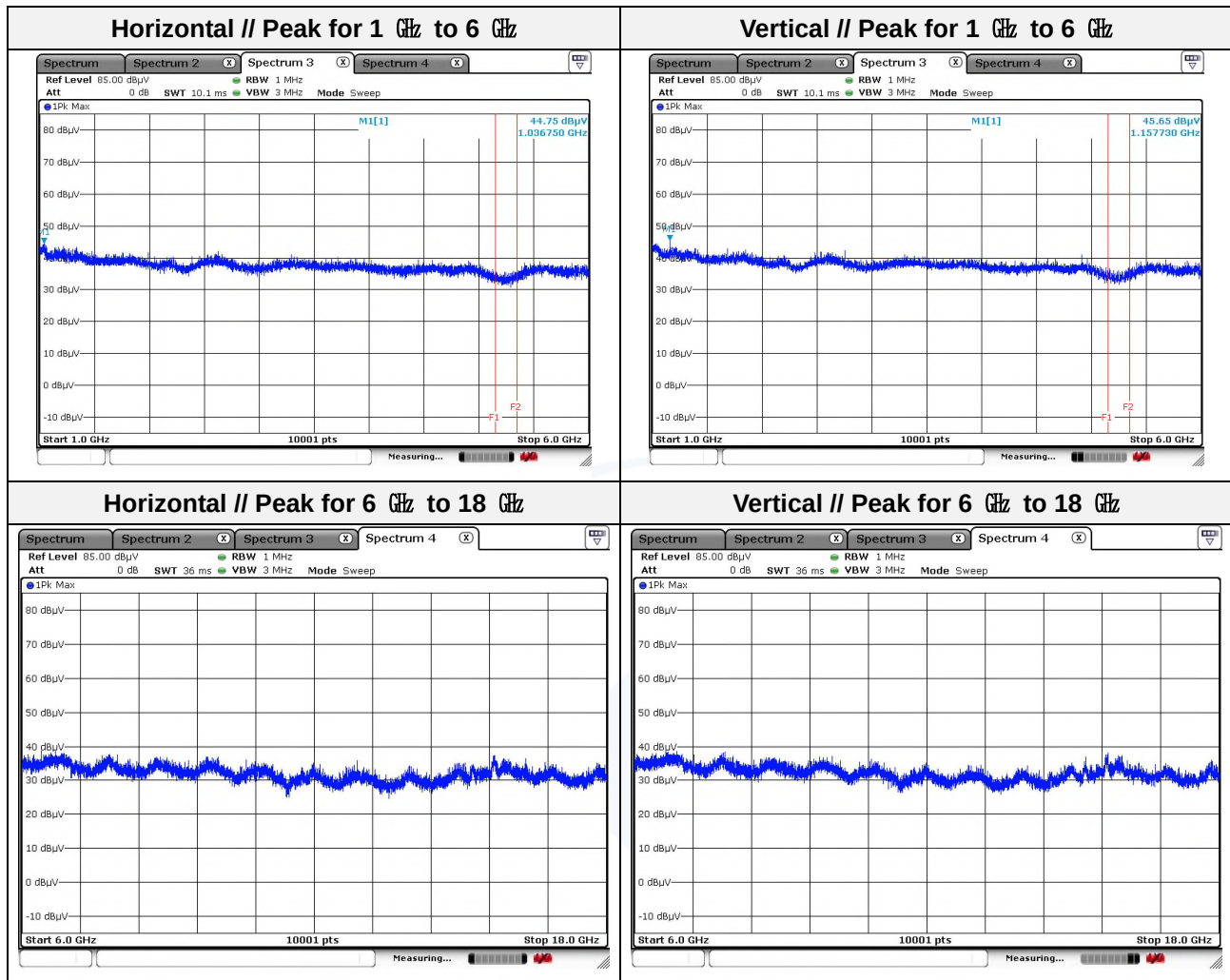
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 036.75	44.75	Peak	H	-7.69	-	37.06	74.00	36.94
1 157.73	45.65	Peak	V	-7.05	-	38.60	74.00	35.40

- 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)
5 352.02	37.72	Peak	V	6.51	-	44.23	74.00	29.77
5 379.71	37.59	Peak	H	6.51	-	44.10	74.00	29.90





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: DC 11.1 V
Band: UNII-1
Distance of measurement: 3 meter
Channel: 42

- Spurious

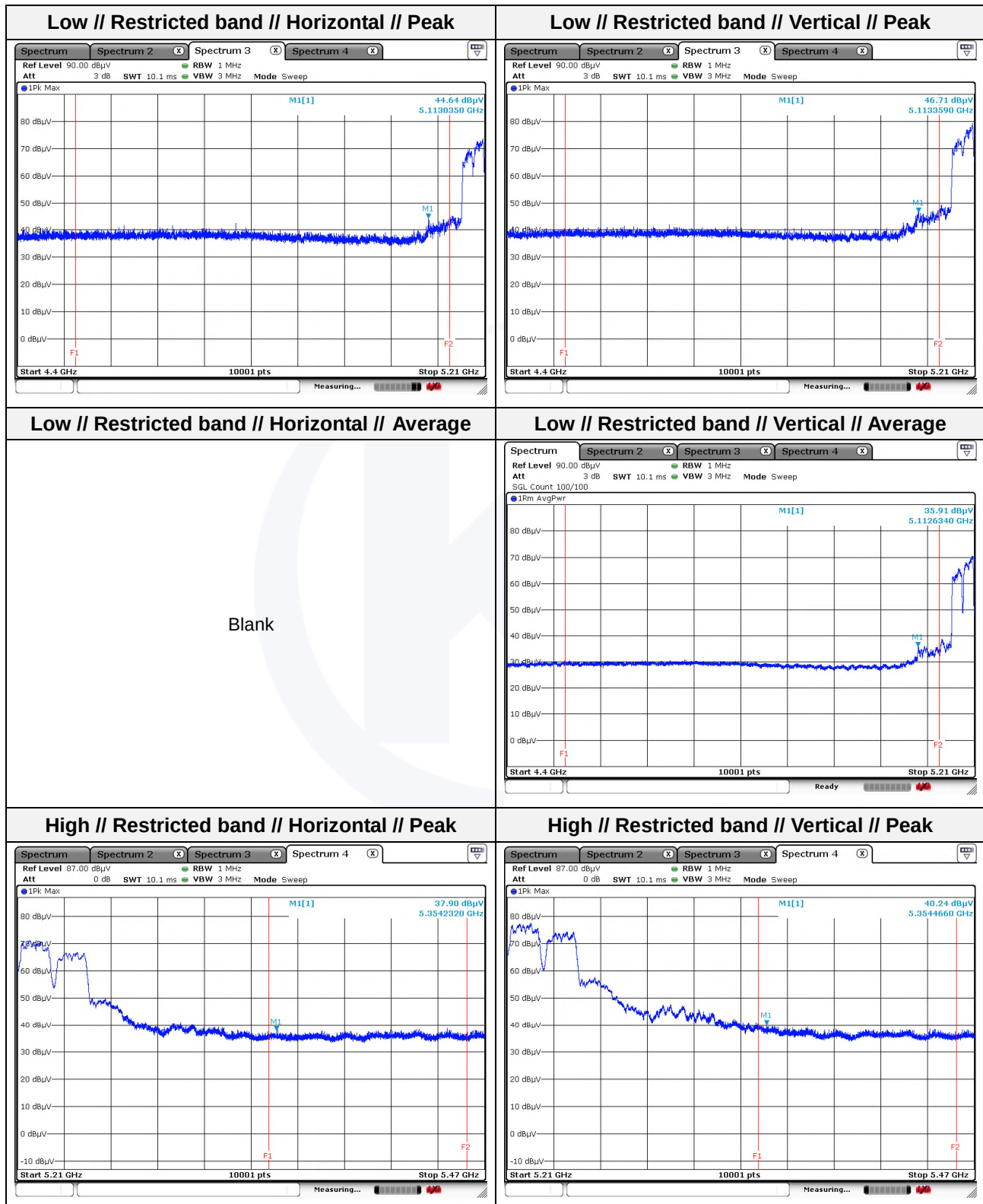
Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1 008.25	44.40	Peak	H	-7.83	-	36.57	74.00	37.43
1 036.25	45.36	Peak	V	-7.69	-	37.67	74.00	36.33

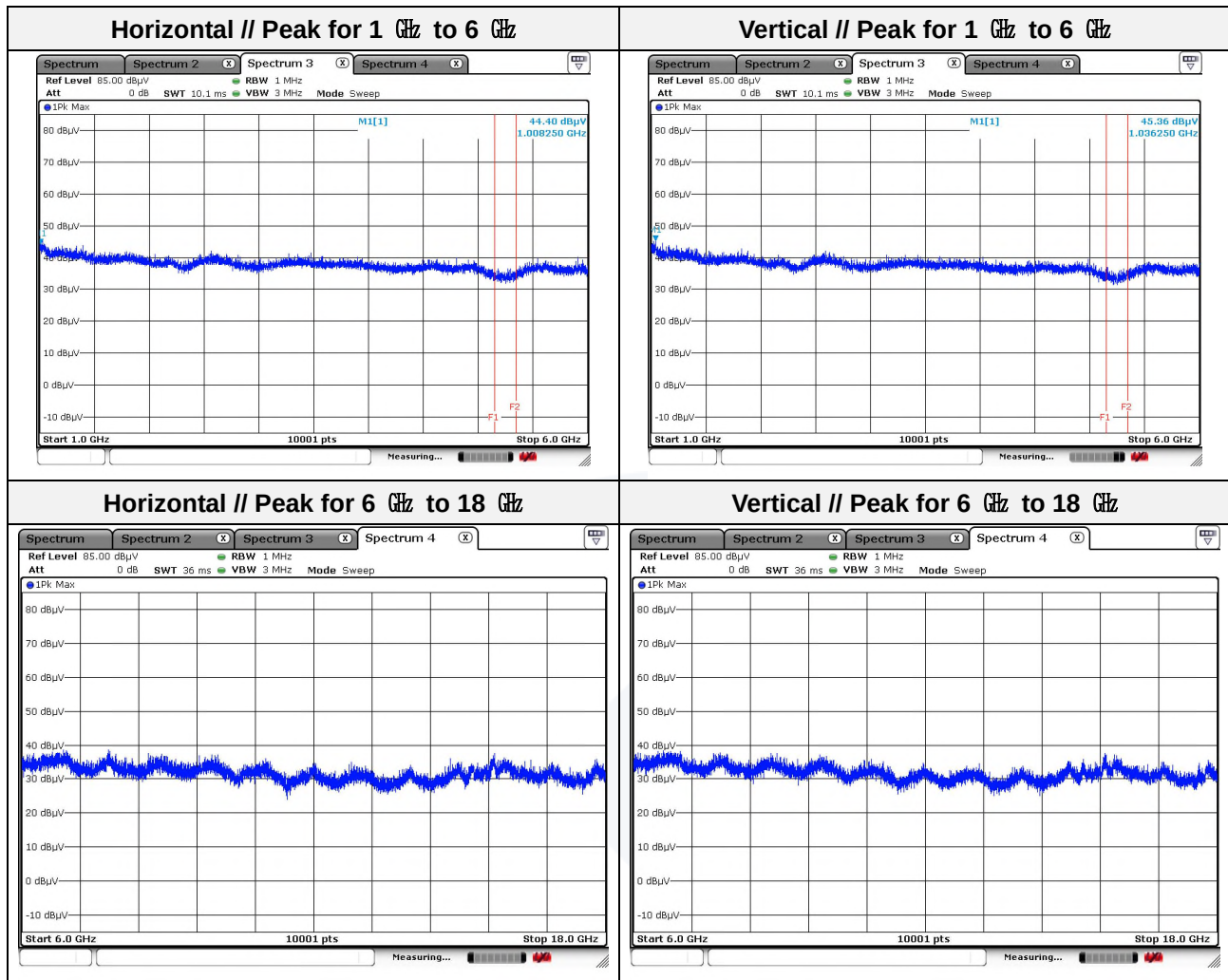
- Band edge (Lower)

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)
5 113.04	44.64	Peak	H	6.45	-	51.09	74.00	22.91
5 113.36	46.71	Peak	V	6.45	-	53.16	74.00	20.84
5 112.63	35.91	Average	V	6.45	-	42.36	54.00	11.64

- 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)
5 354.23	37.90	Peak	H	6.51	-	44.41	74.00	29.59
5 354.47	40.24	Peak	V	6.51	-	46.75	74.00	27.25





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-3
Distance of measurement:	3 meter
Channel:	149

- 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)
1 050.24	44.81	Peak	V	-7.61	-	37.20	74.00	36.80
1 223.23	44.76	Peak	H	-6.70	-	38.06	74.00	35.94

- 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)
5 723.67	44.87	Peak	V	7.40	-	52.27	74.00	21.73
5 723.56	45.83	Peak	H	7.40	-	53.23	74.00	20.77

