



For the band 5.470-5.725 GHz

Test mode	T _{on} time (ms)	Period (ms)	Duty cycle (Linear)	Duty cycle (%)	Duty cycle correction factor (dB)
802.11a	1.44	1.45	0.99	99.31	-
802.11n_HT20	1.34	1.36	0.99	98.53	-
802.11ac_VHT20	1.35	1.36	0.99	99.26	-
802.11ax_HE20	0.68	1.11	0.61	61.26	2.15
802.11n_HT40	0.67	0.68	0.99	98.53	-
802.11ac_VHT40	0.67	0.69	0.97	97.10	0.13
802.11ax_HE40	0.56	0.57	0.98	98.25	-
802.11ac_VHT80	0.67	0.69	0.97	97.10	0.13
802.11ax_HE80	0.55	0.57	0.96	96.49	0.18

For the band 5.725-5.85 GHz

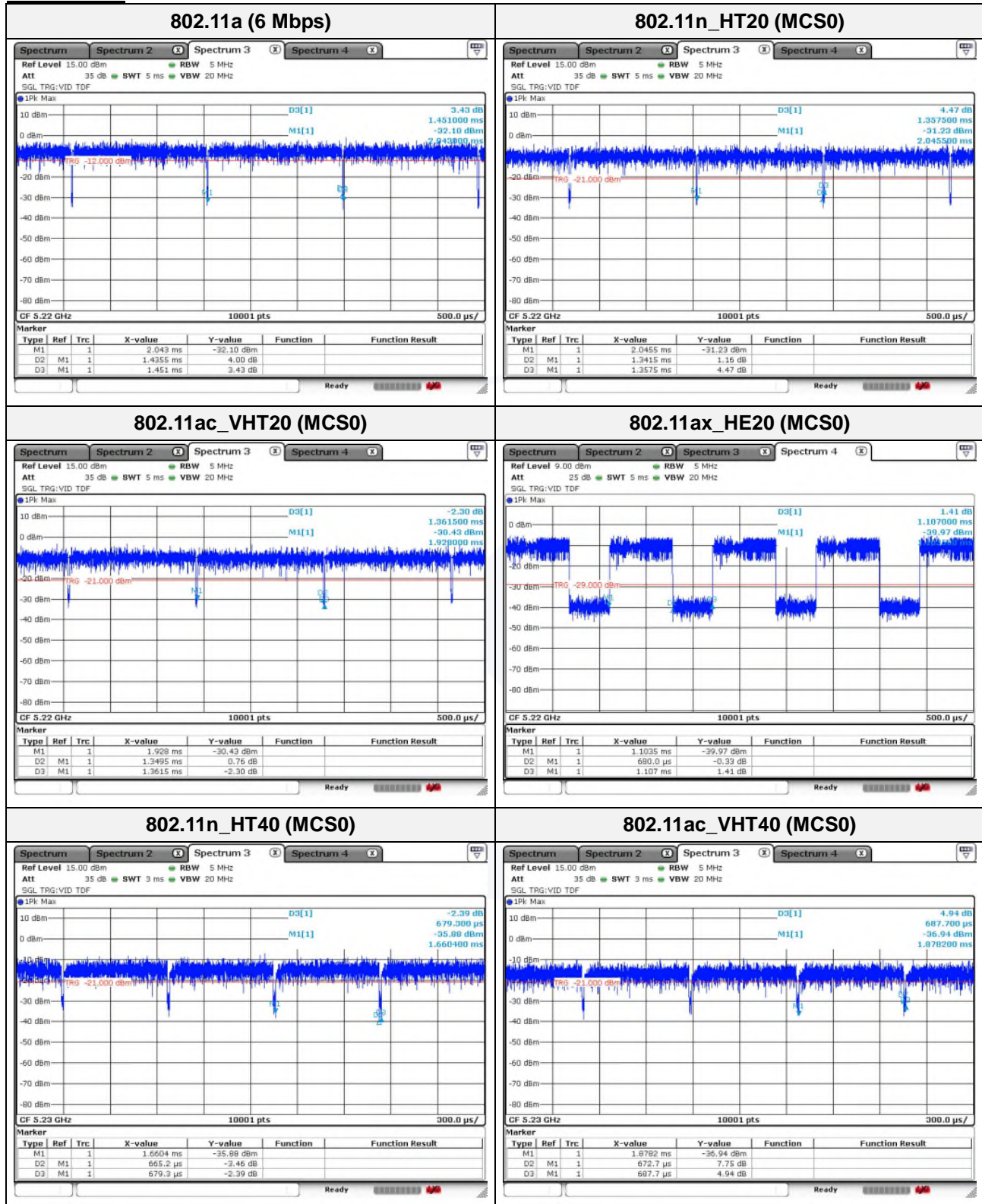
Test mode	T _{on} time (ms)	Period (ms)	Duty cycle (Linear)	Duty cycle (%)	Duty cycle correction factor (dB)
802.11a	1.44	1.45	0.99	99.31	-
802.11n_HT20	1.34	1.36	0.99	98.53	-
802.11ac_VHT20	1.35	1.37	0.99	98.54	-
802.11ax_HE20	0.68	1.11	0.61	61.26	2.15
802.11n_HT40	1.35	1.37	0.99	98.54	-
802.11ac_VHT40	1.36	1.37	0.99	99.27	-
802.11ax_HE40	1.05	1.06	0.99	99.06	-
802.11ac_VHT80	0.33	0.35	0.94	94.29	0.27
802.11ax_HE80	0.29	0.31	0.94	93.55	0.27

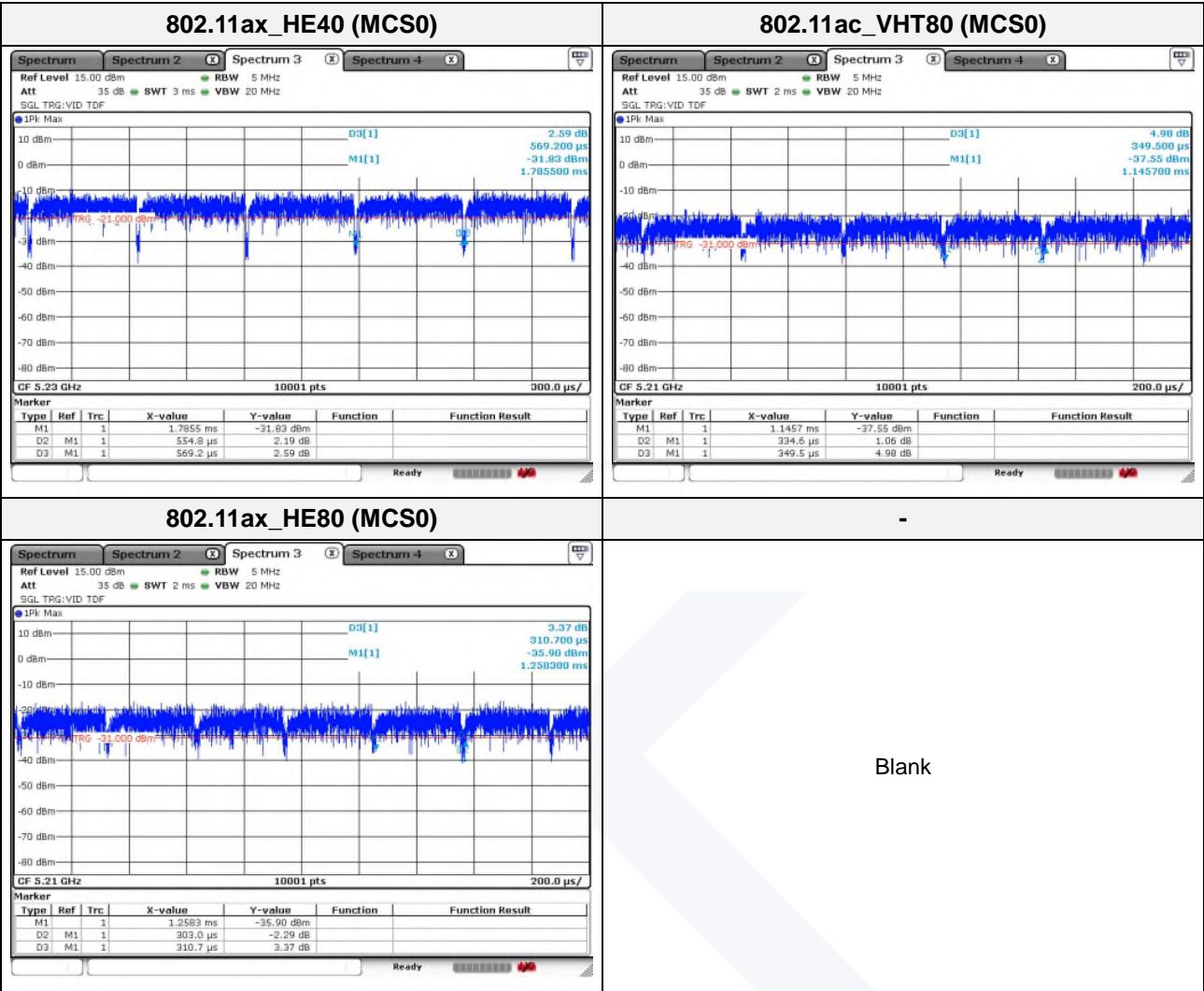
Note:Duty cycle (Linear) = T_{on} time/Period

DCF(Duty cycle correction factor (dB)) = 10log(1/duty cycle)



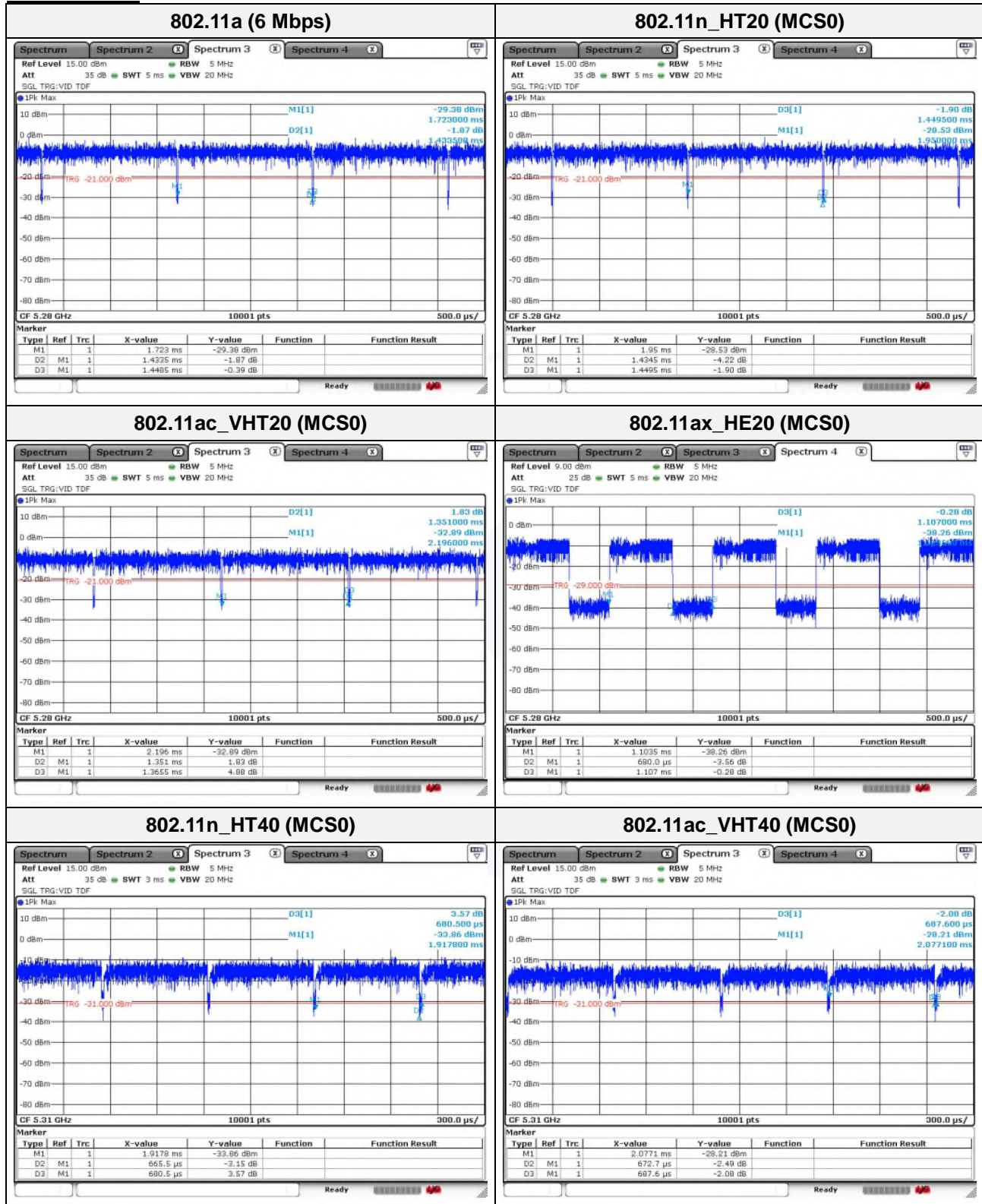
Mode:UNII-1

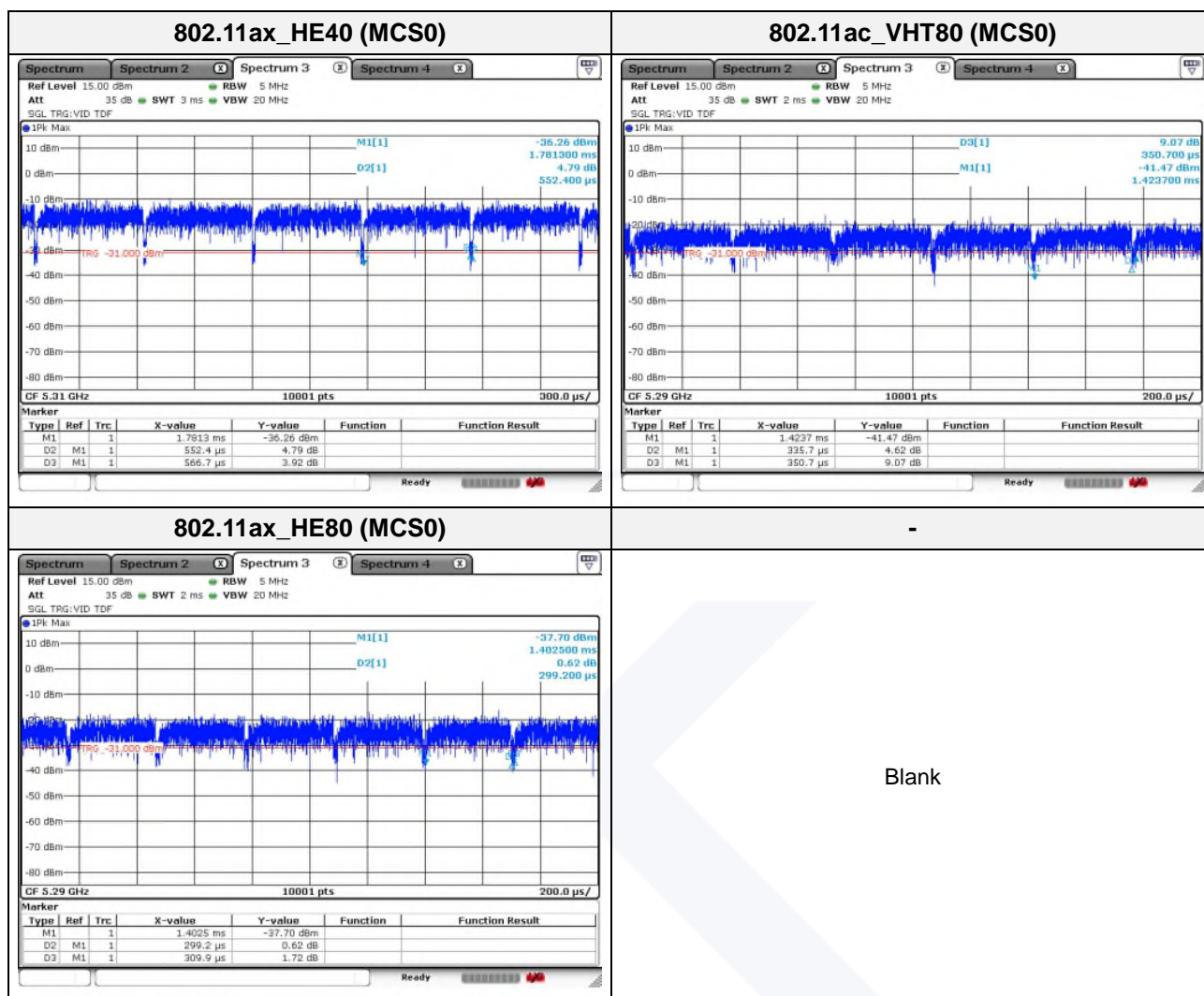






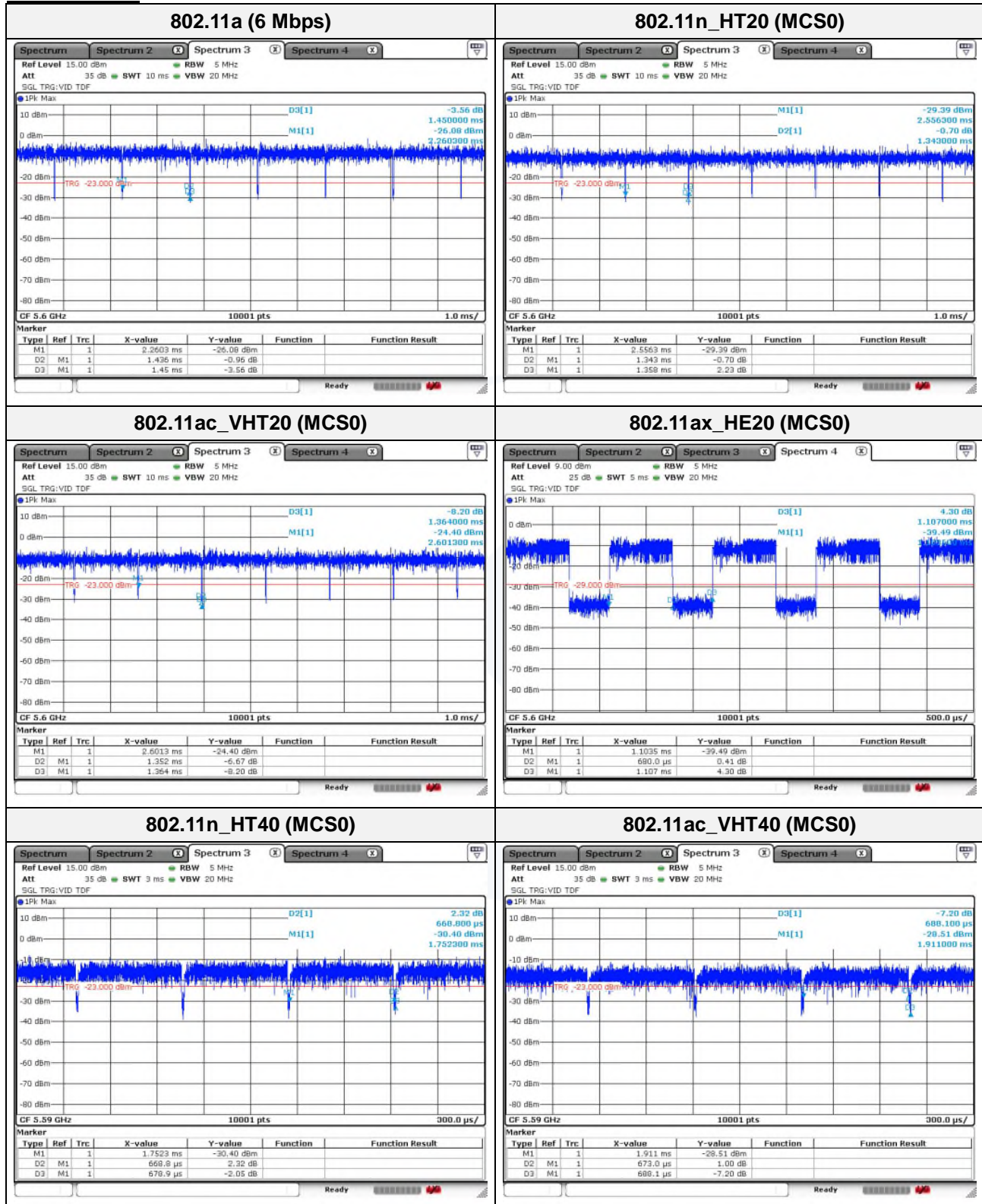
Mode: UNII-2A

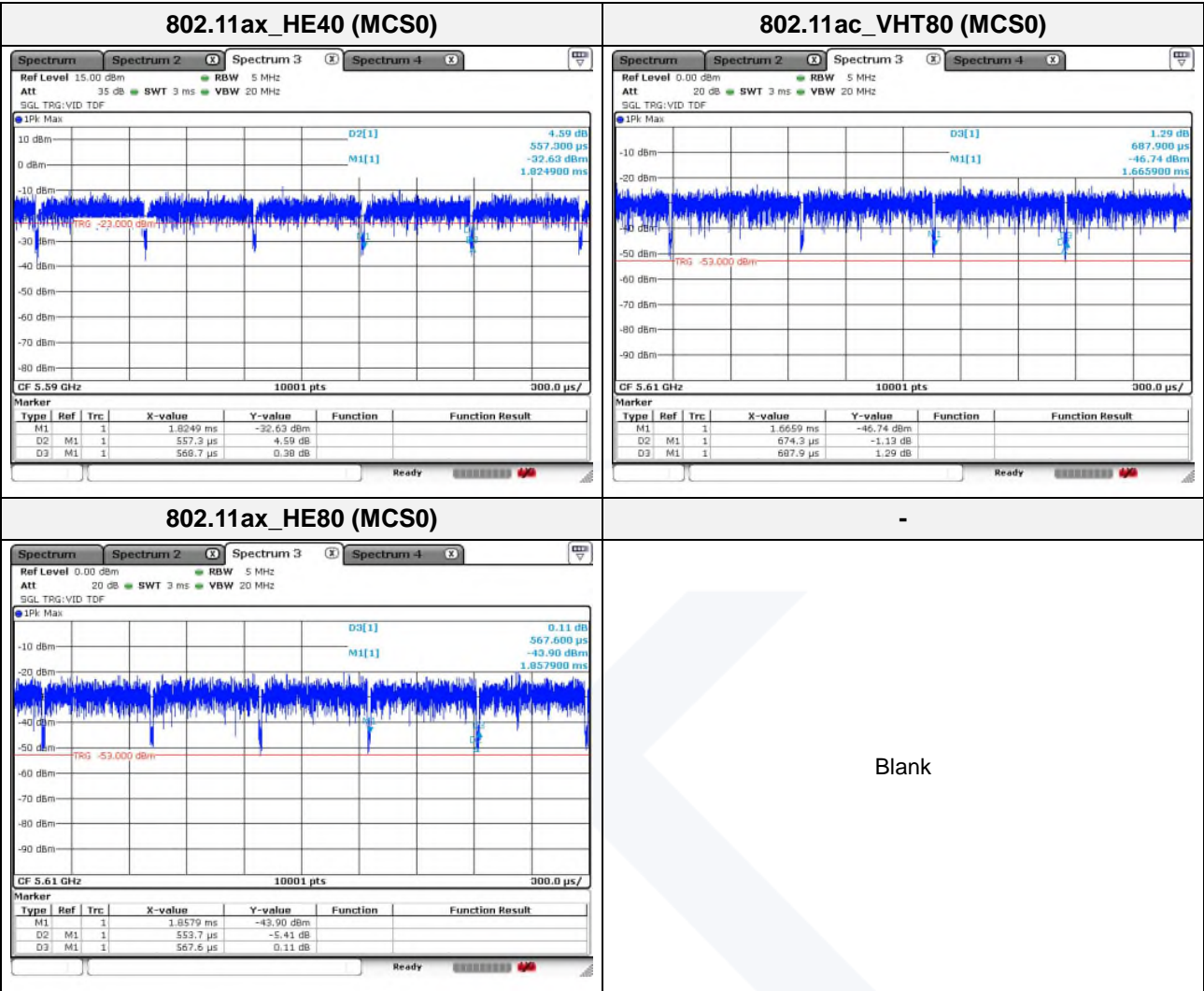






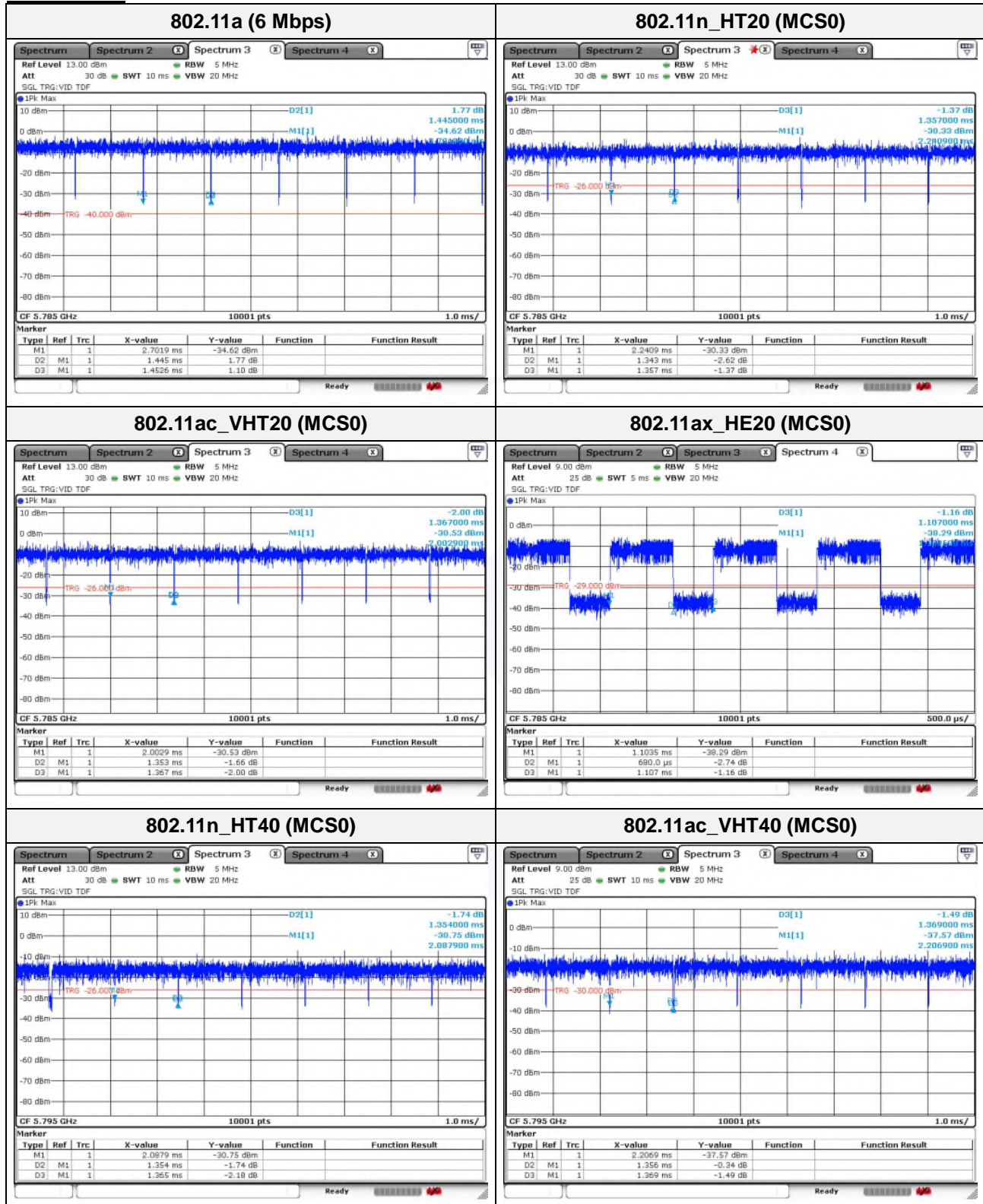
Mode: UNII-2C

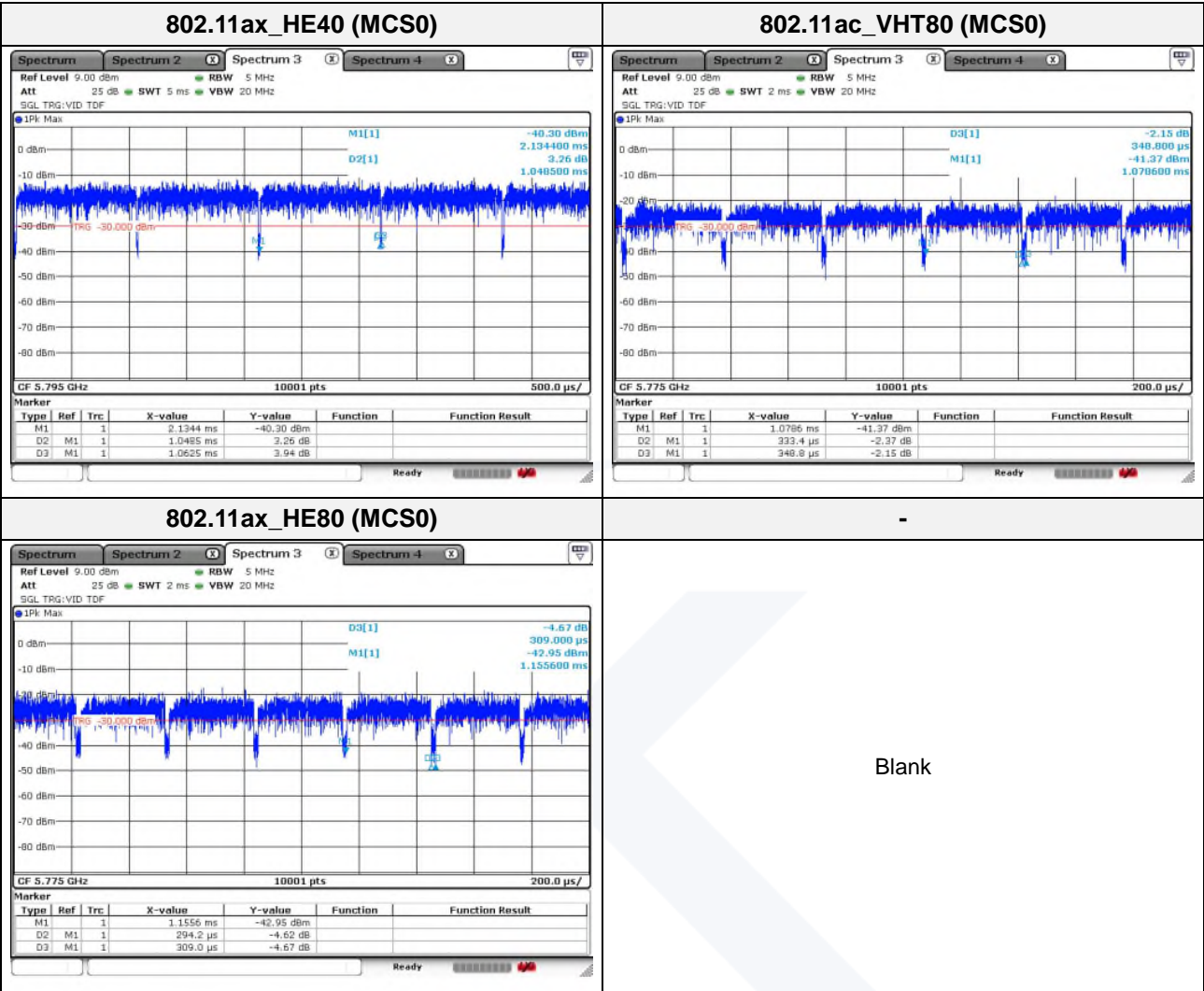






Mode:UNII-3





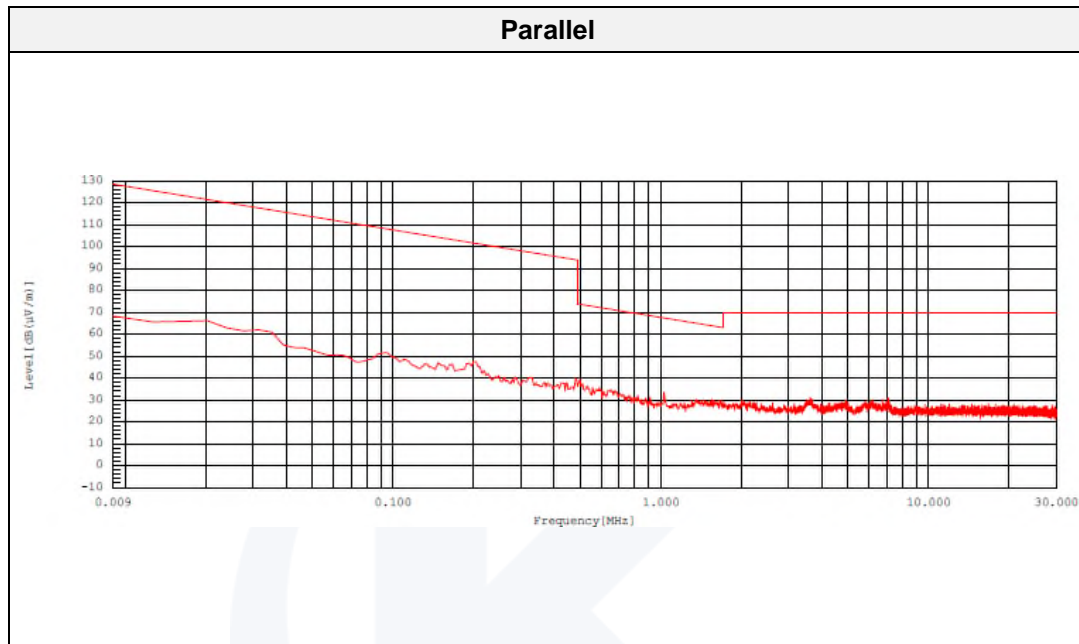


Test results (Below 30 MHz)

Band 802.11a (6 Mbps) (Worst Case)

Distance of measurement: 3 meter

Channel 52 (Worst Case)



Note.

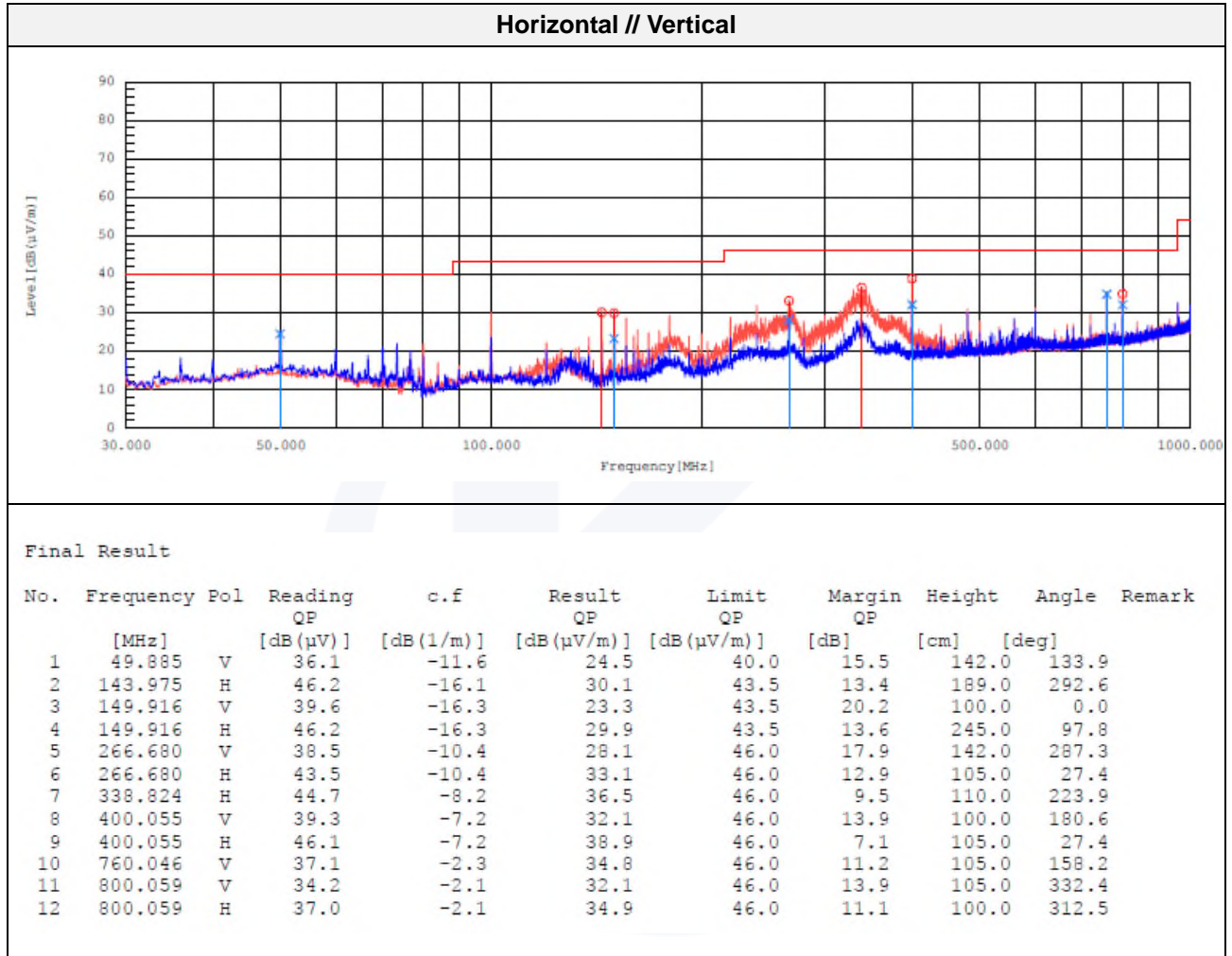
1. No spurious emission were detected under 30 MHz.

**Test results (Below 1 000 MHz)**

Band 802.11a (6 Mbps) (Worst Case)

Distance of measurement: 3 meter

Channel 52 (Worst Case)



**Test results (Above 1 000 MHz)**

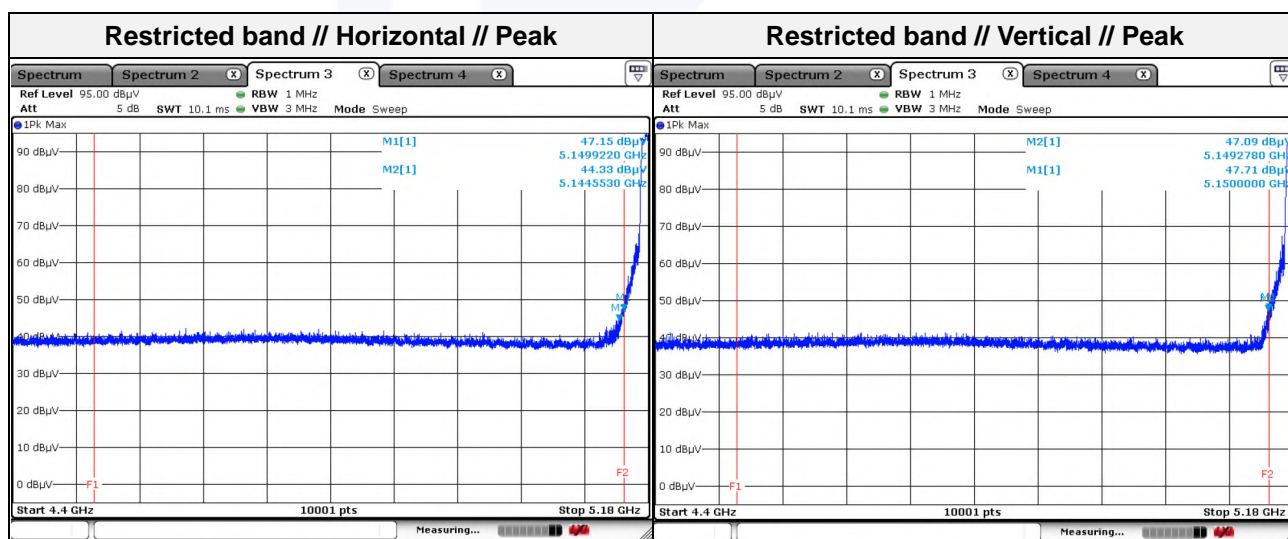
Mode: 802.11a (6 Mbps)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 36

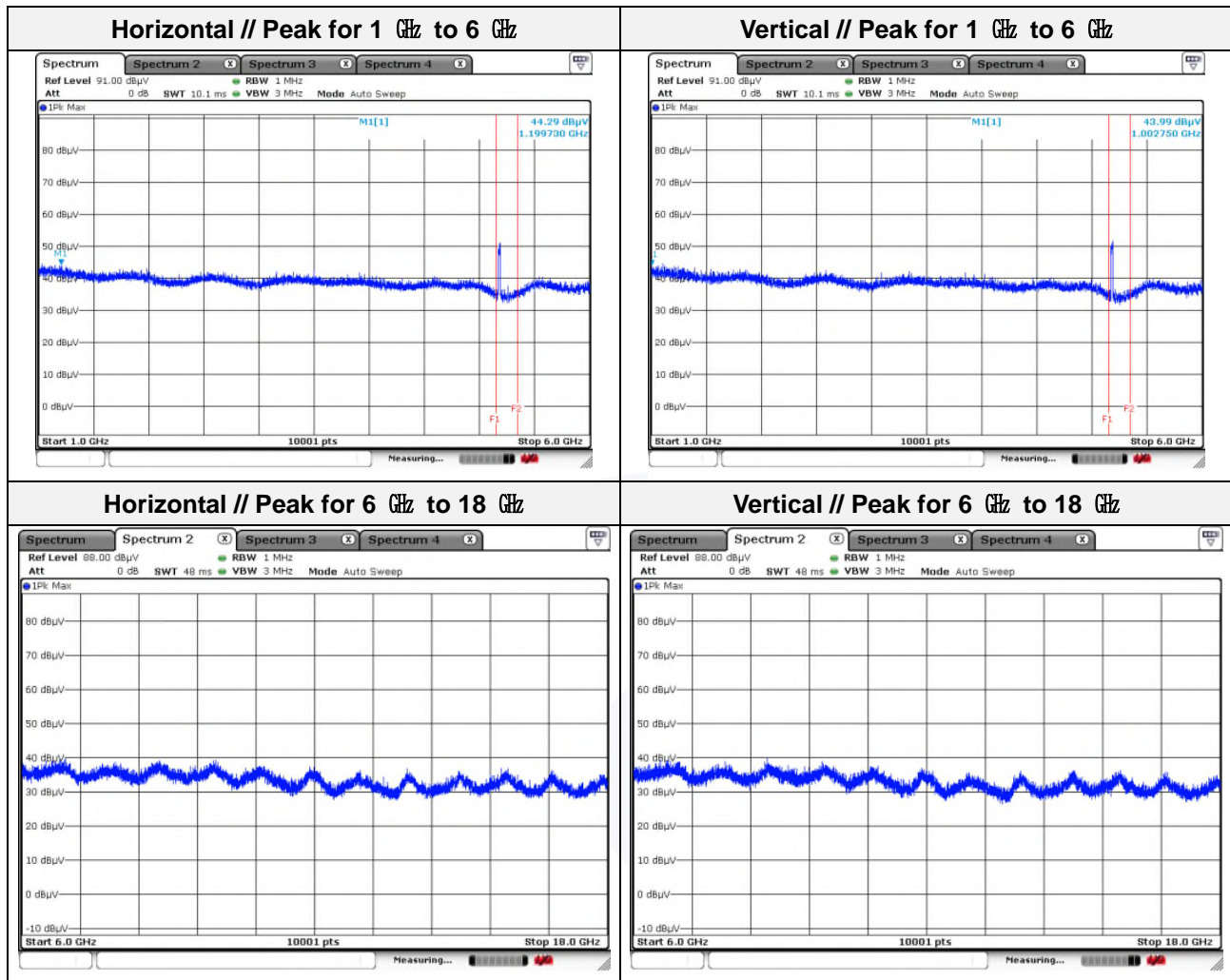
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 002.75	43.99	Peak	V	-8.19	-	35.80	74.00	38.20
1 199.73	44.29	Peak	H	-7.17	-	37.12	74.00	36.88

- 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)
5 144.55	44.33	Peak	H	6.22	-	50.55	74.00	23.45
5 149.28	47.09	Peak	V	6.22	-	53.31	74.00	20.69
5 149.92	47.15	Peak	H	6.22	-	53.37	74.00	20.63
5 150.00	47.71	Peak	V	6.22	-	53.93	74.00	20.07





Note.

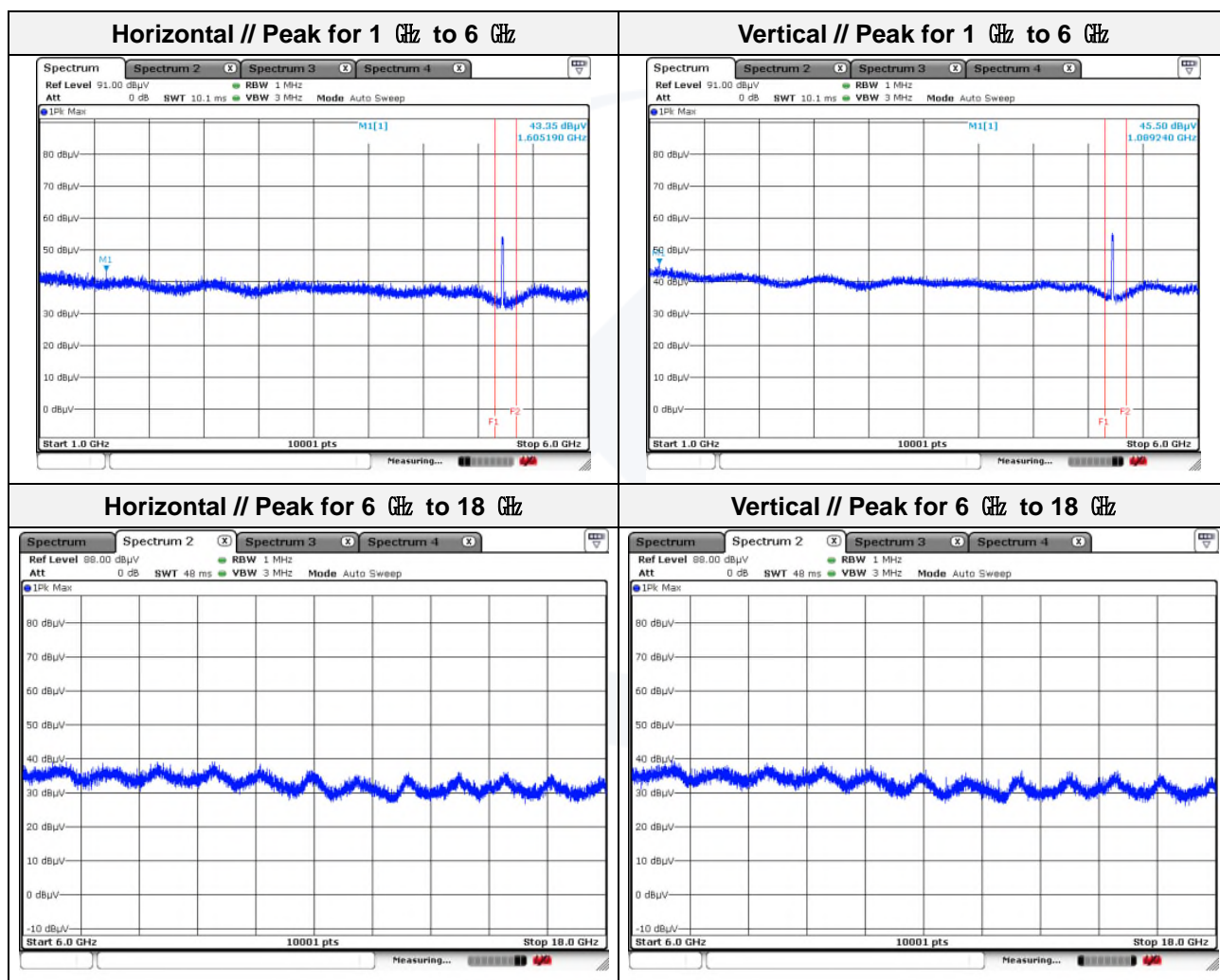
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11a (6 Mbps)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 44

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 089.24	45.50	Peak	V	-7.74	-	37.76	74.00	36.24
1 605.19	43.35	Peak	H	-5.23	-	38.12	74.00	35.88



Note.

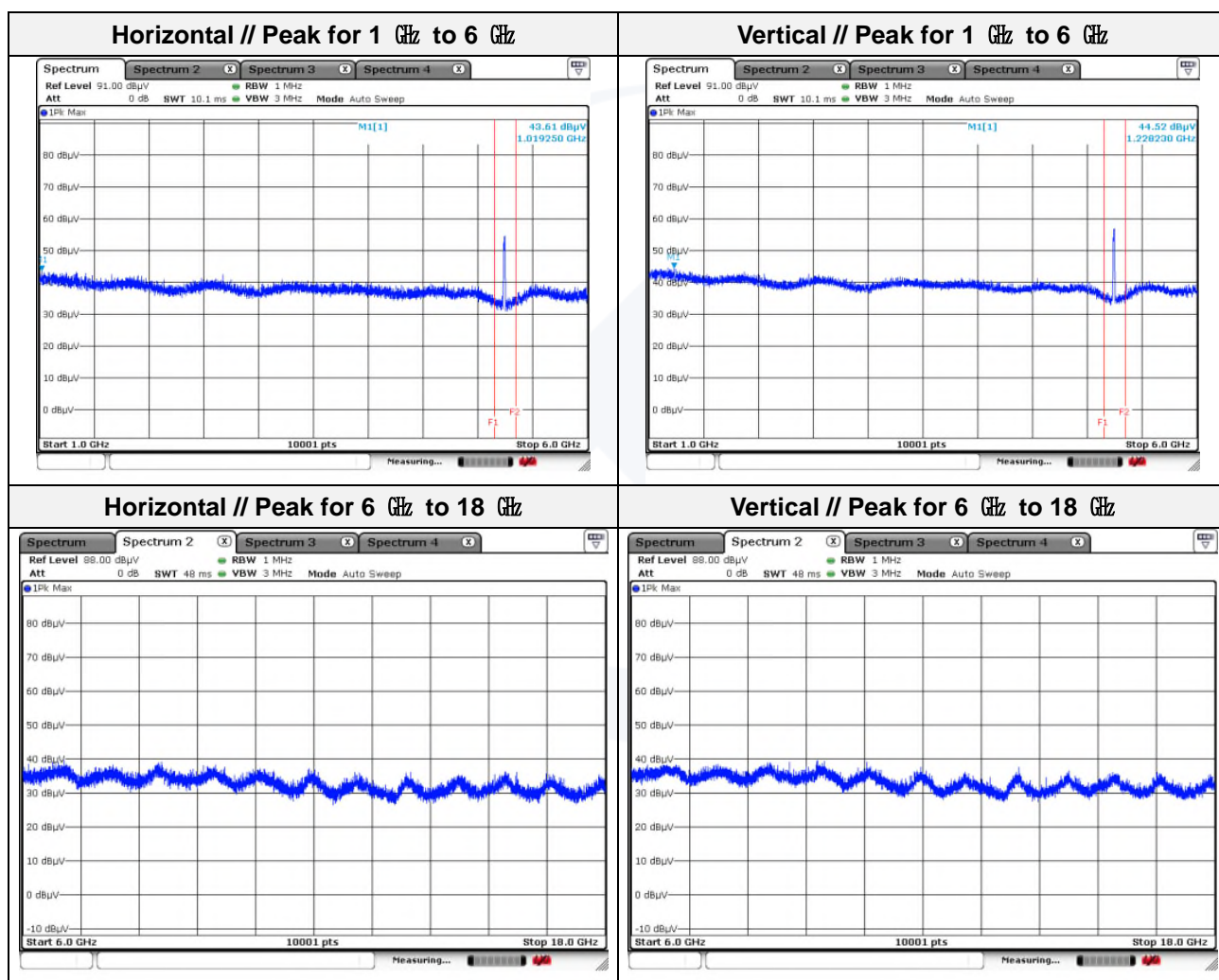
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11a (6 Mbps)
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)
1 019.25	43.61	Peak	H	-8.10	-	35.51	74.00	38.49
1 228.23	44.52	Peak	V	-7.03	-	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.



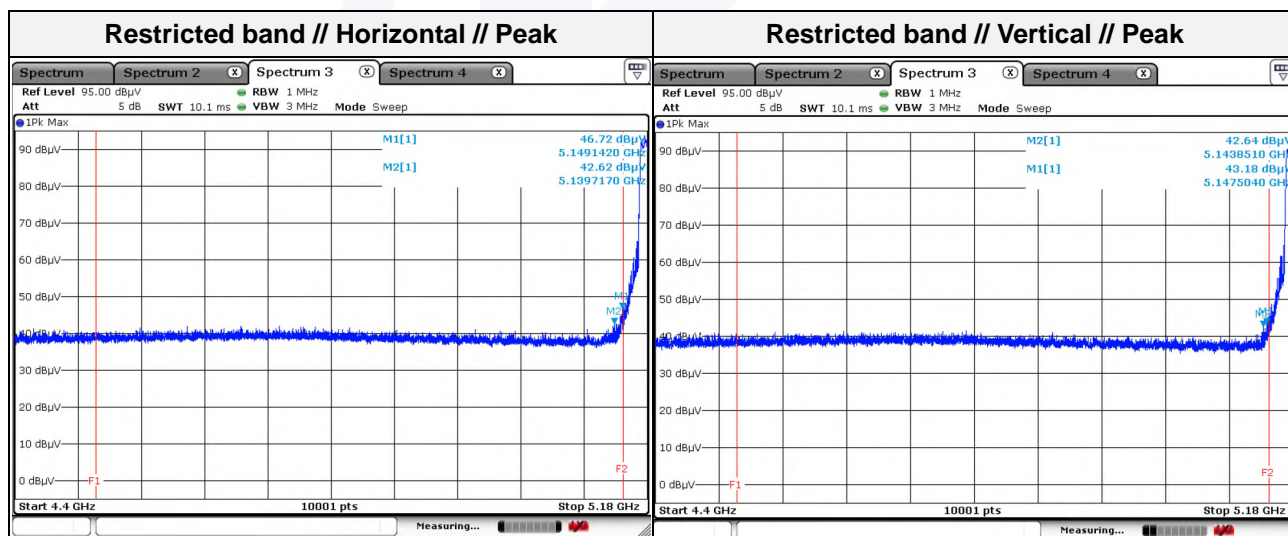
Mode: 802.11n_HT20 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 36

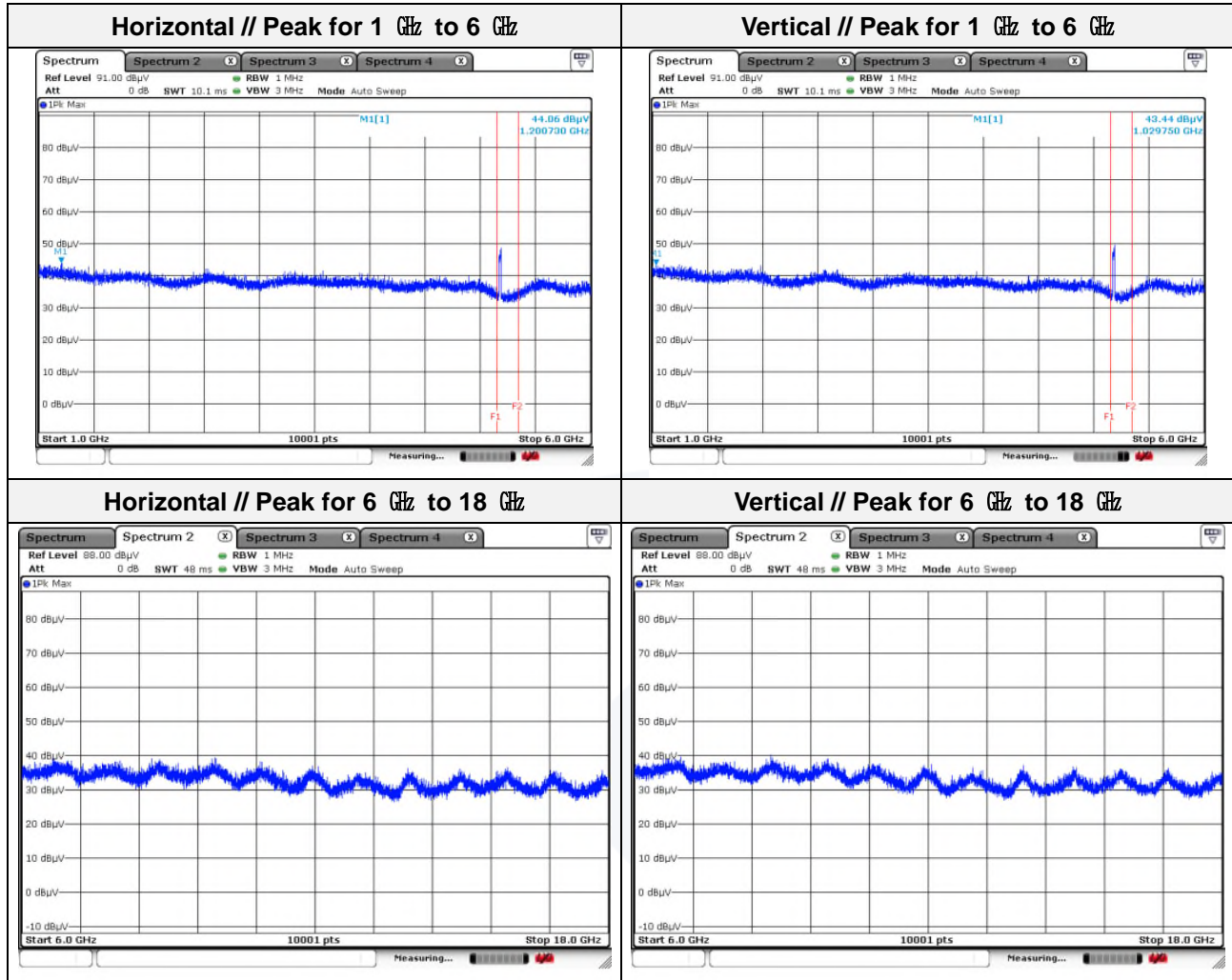
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 029.75	43.44	Peak	V	-8.05	-	35.39	74.00	38.61
1 200.73	44.06	Peak	H	-7.17	-	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)
5 139.72	42.62	Peak	H	6.22	-	48.84	74.00	25.16
5 143.85	42.64	Peak	V	6.22	-	48.86	74.00	25.14
5 147.50	43.18	Peak	V	6.22	-	49.40	74.00	24.60
5 149.14	46.72	Peak	H	6.22	-	52.94	74.00	21.06





Note.

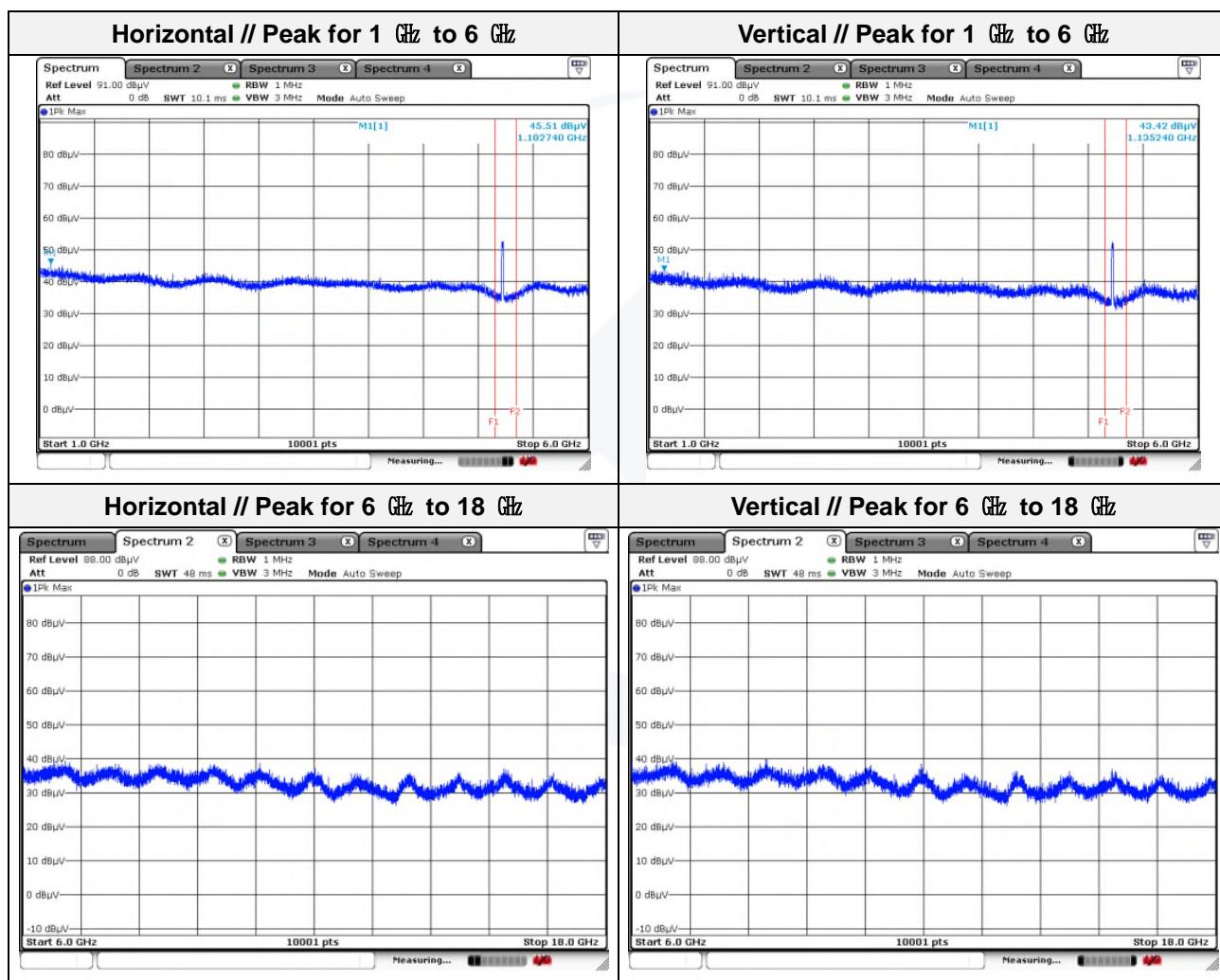
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11n_HT20 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 44

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 102.74	45.51	Peak	H	-7.67	-	37.84	74.00	36.16
1 135.24	43.42	Peak	V	-7.50	-	35.92	74.00	38.08



Note.

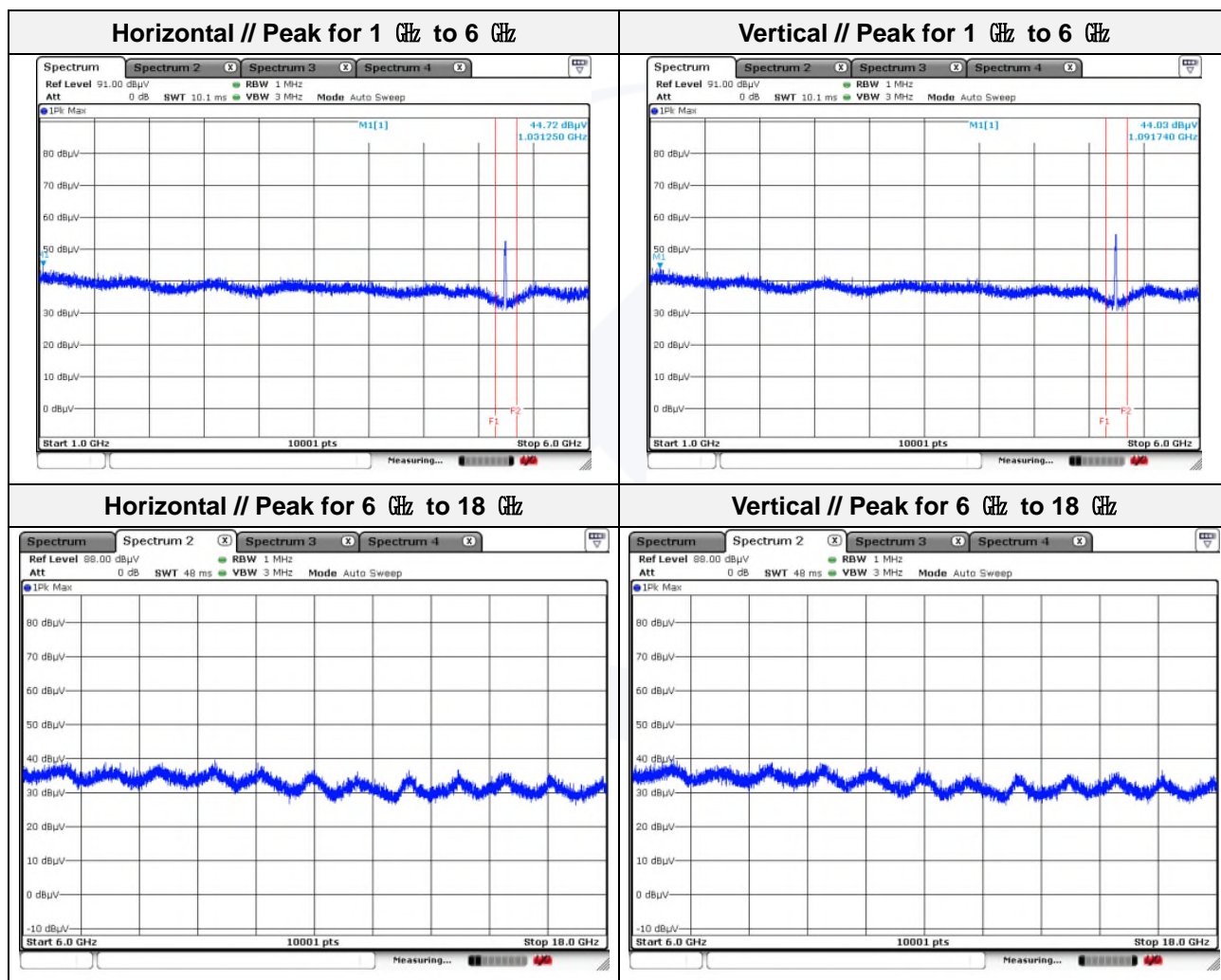
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



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

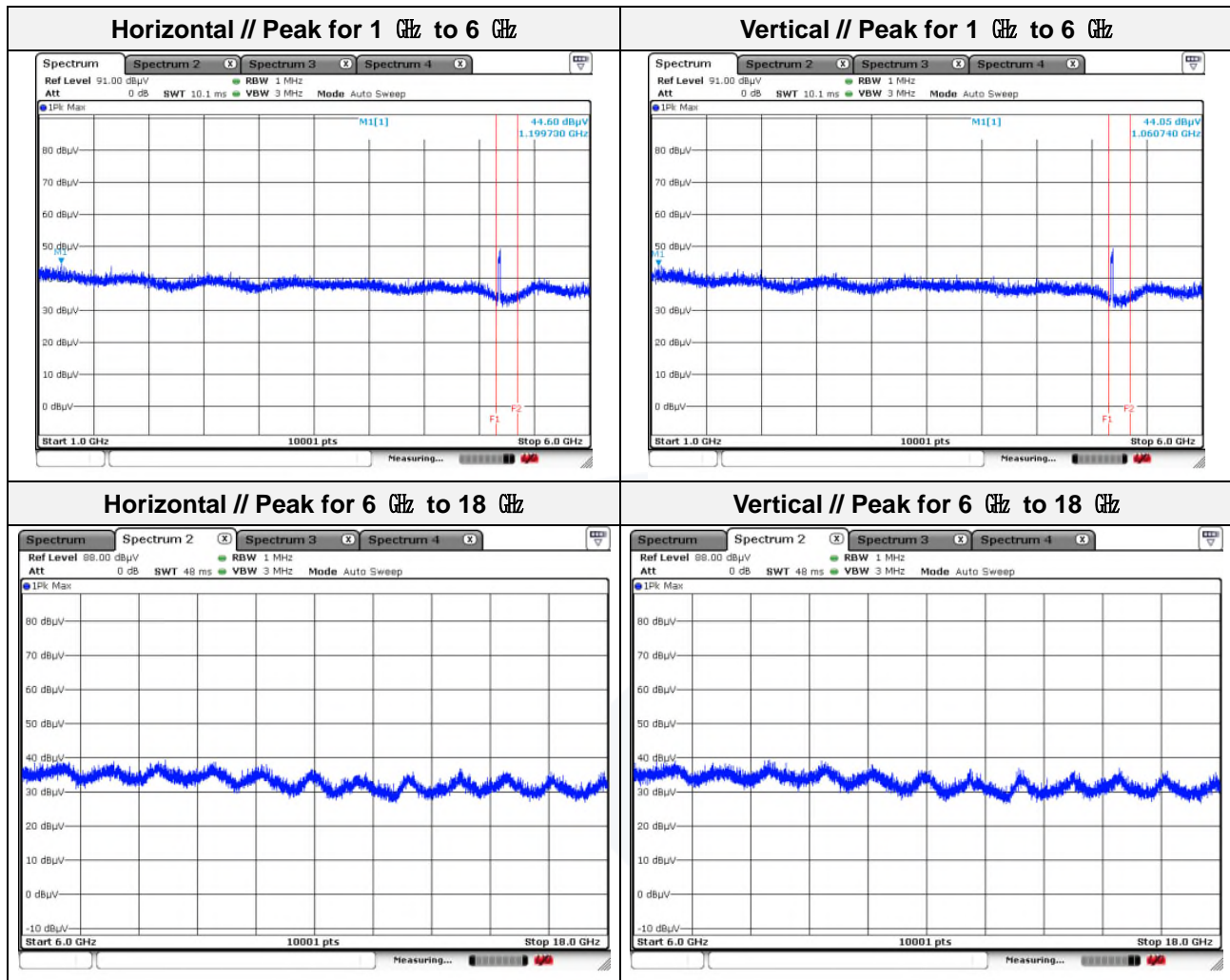
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 031.25	44.72	Peak	H	-8.04	-	36.68	74.00	37.32
1 091.74	44.03	Peak	V	-7.73	-	36.30	74.00	37.70



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.



Note.

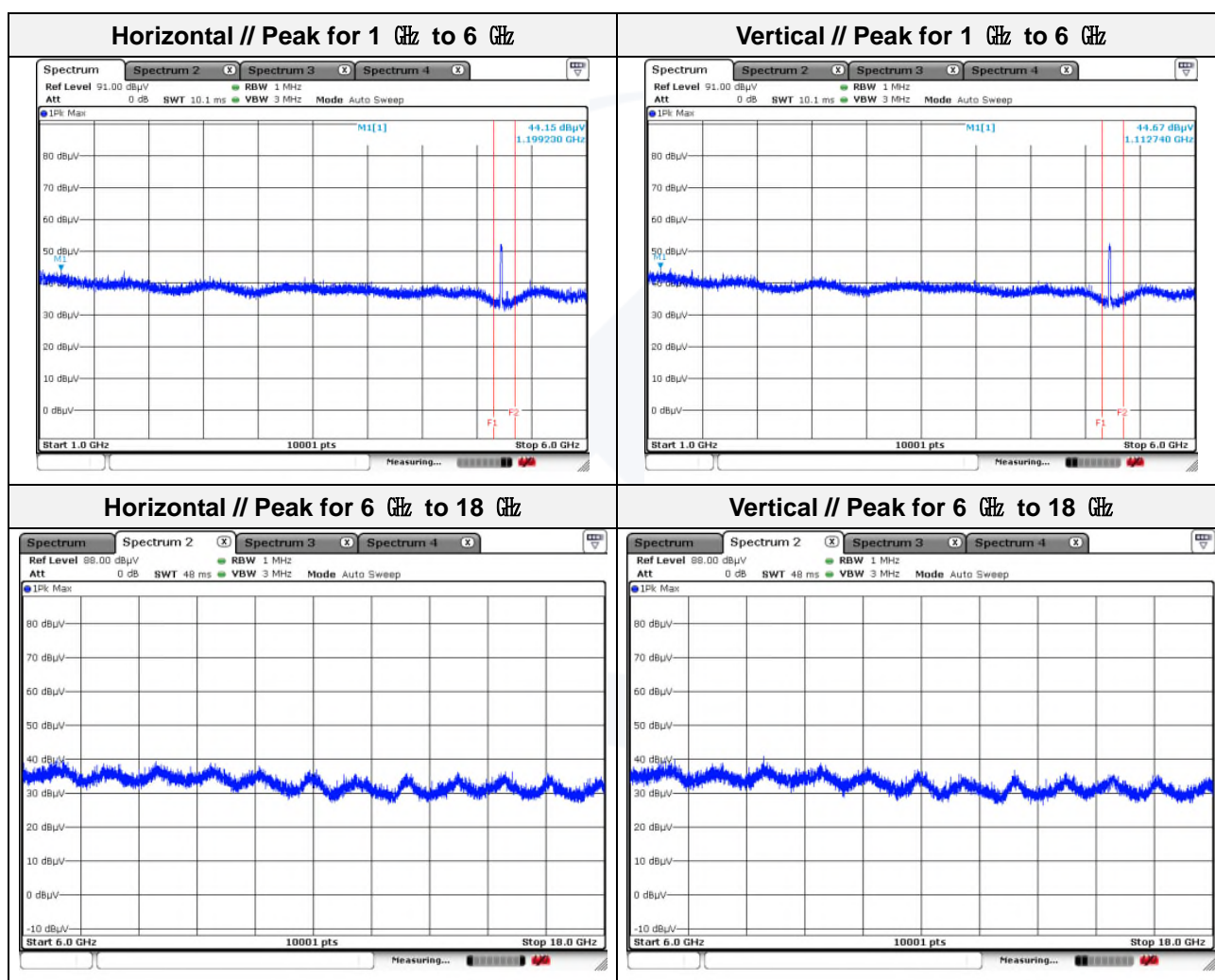
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ac_VHT20 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 44

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 112.74	44.67	Peak	V	-7.62	-	37.05	74.00	36.95
1 199.23	44.15	Peak	H	-7.17	-	36.98	74.00	37.02

**Note.**

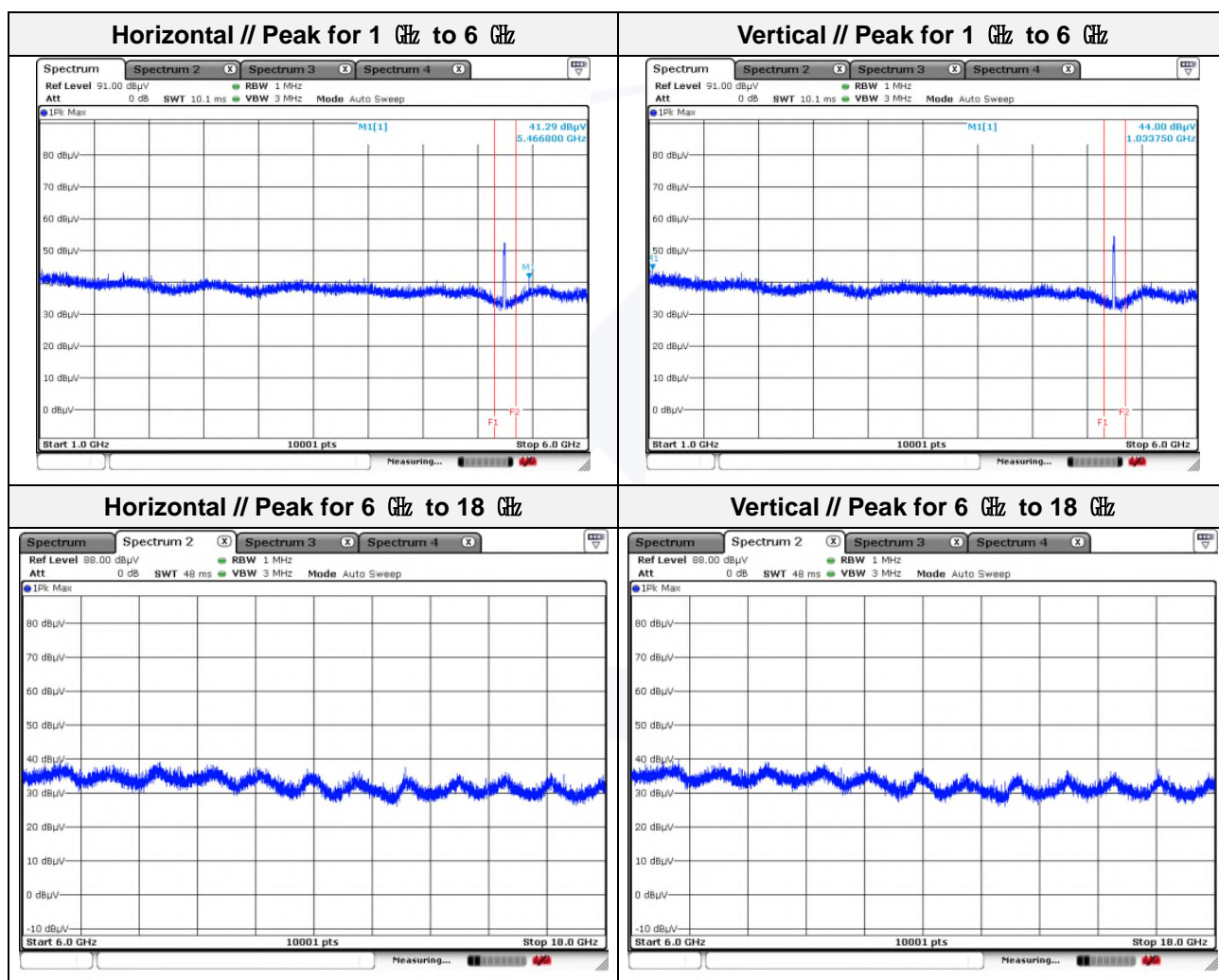
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ac_VHT20 (MCS0)
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)
1 033.75	44.00	Peak	H	-8.03	-	35.97	74.00	38.03
5 466.80	41.29	Peak	V	6.27	-	47.56	68.20	20.64



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.



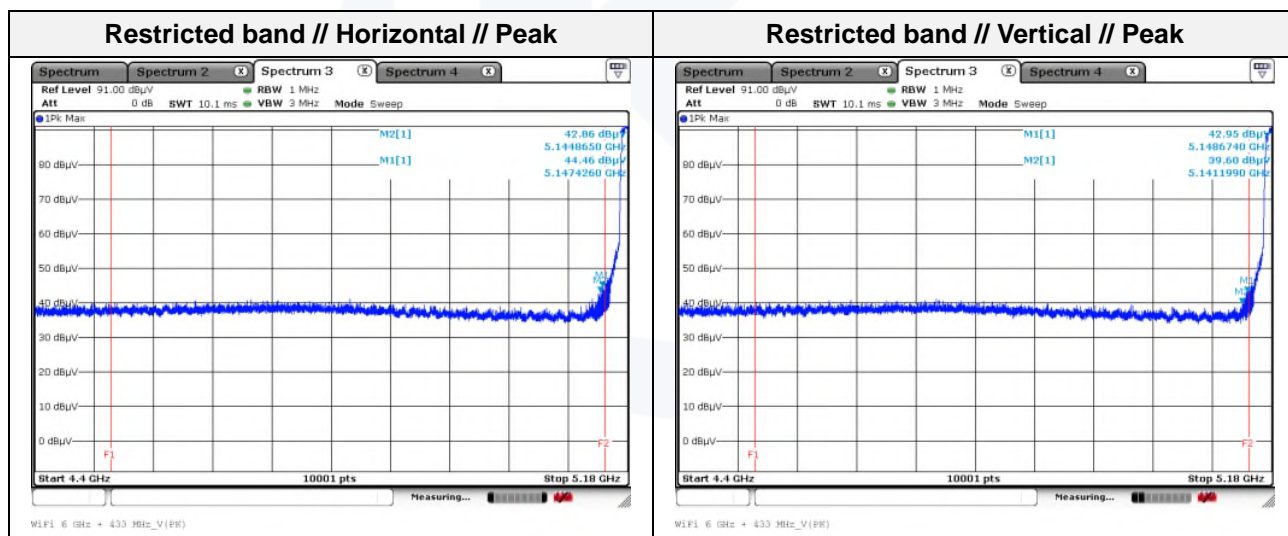
Mode: 802.11ax_HE20 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 36

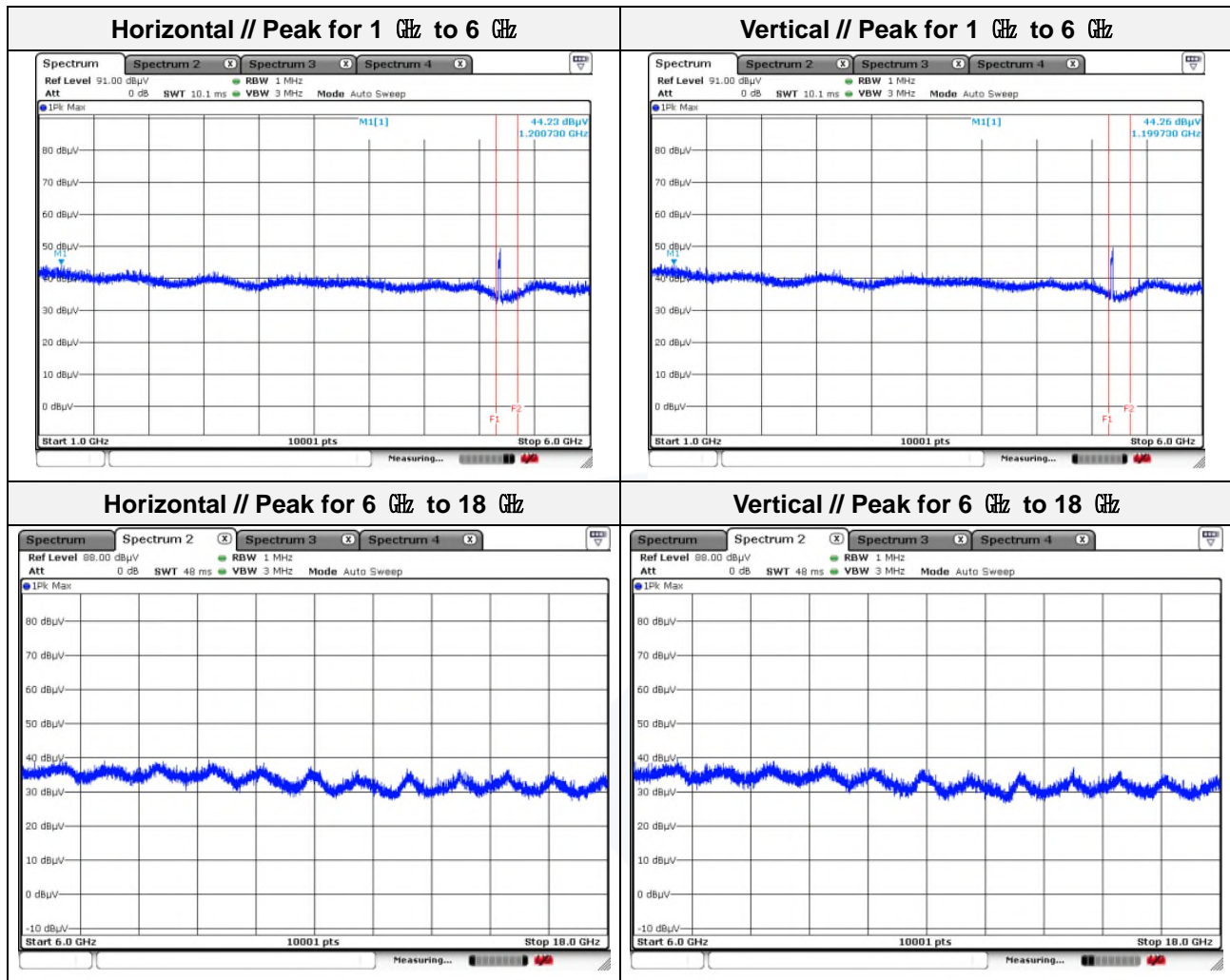
- Spurious

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)
1 199.73	44.26	Peak	V	-7.17	-	37.09	74.00	36.91
1 200.73	44.23	Peak	H	-7.17	-	37.06	74.00	36.94

- 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)
5 141.20	39.60	Peak	V	6.22	-	45.82	74.00	28.18
5 144.87	42.86	Peak	H	6.22	-	49.08	74.00	24.92
5 147.43	44.46	Peak	H	6.22	-	50.68	74.00	23.32
5 148.67	42.95	Peak	V	6.22	-	49.17	74.00	24.83





Note.

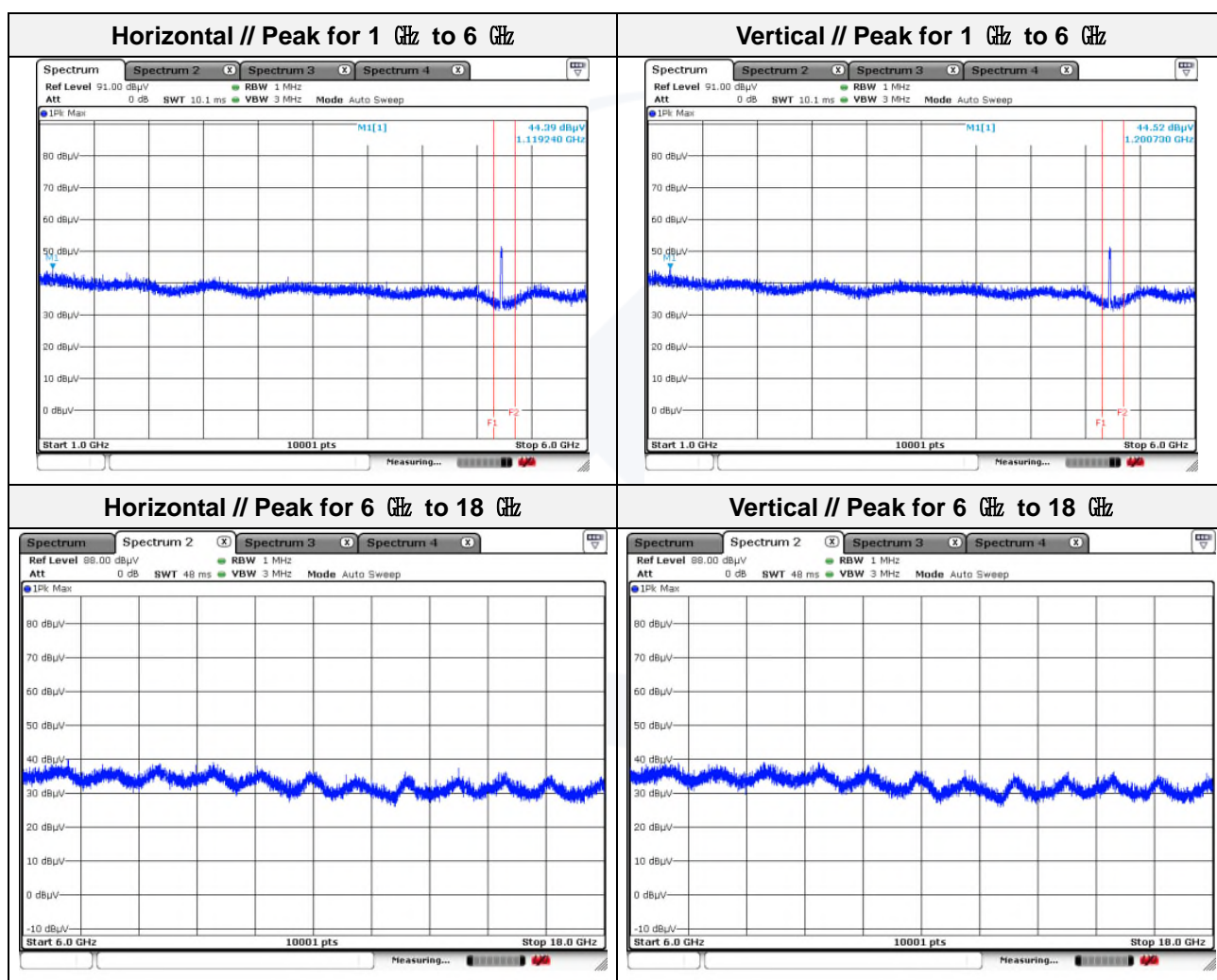
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ax_HE20 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 44

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 192.40	44.39	Peak	H	-7.21	-	37.18	74.00	36.82
1 200.73	44.52	Peak	V	-7.17	-	37.35	74.00	36.65



Note.

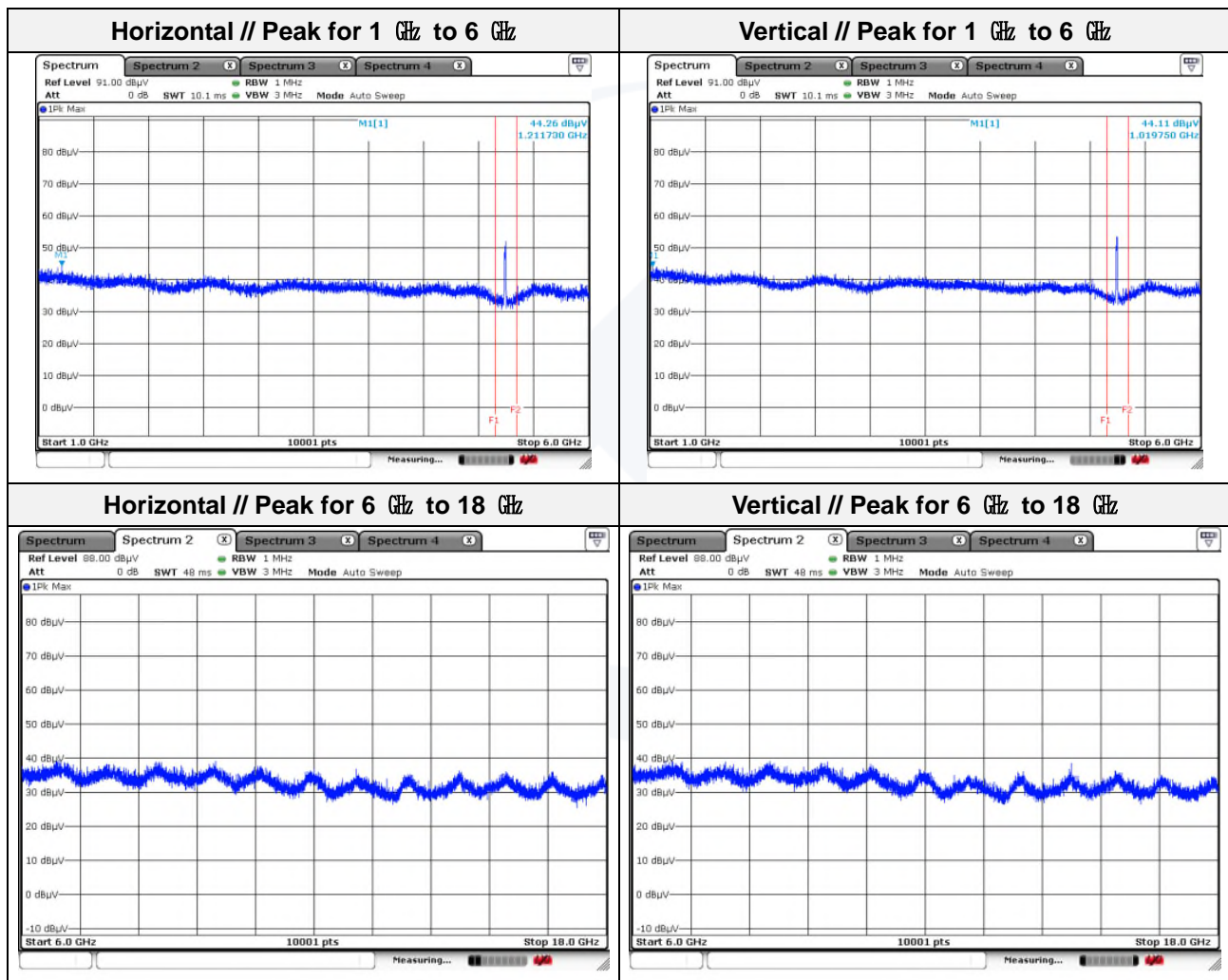
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ax_HE20 (MCS0)
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	44.11	Peak	V	-8.10	-	36.01	74.00	37.99
1 211.73	44.26	Peak	H	-7.11	-	37.15	74.00	36.85



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.



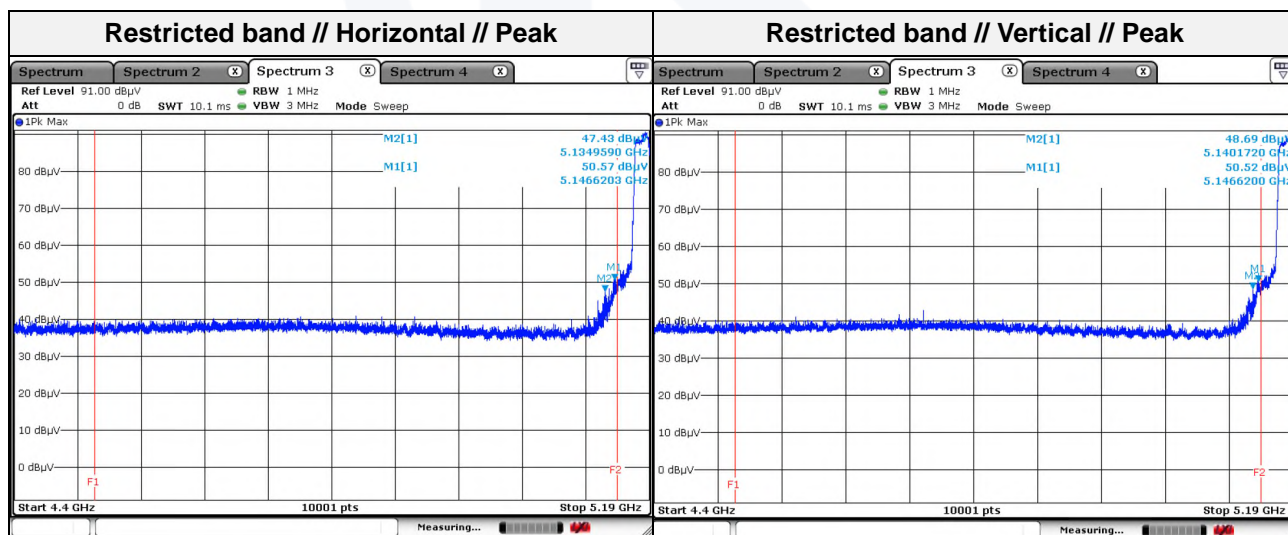
Mode: 802.11n_HT40 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 38

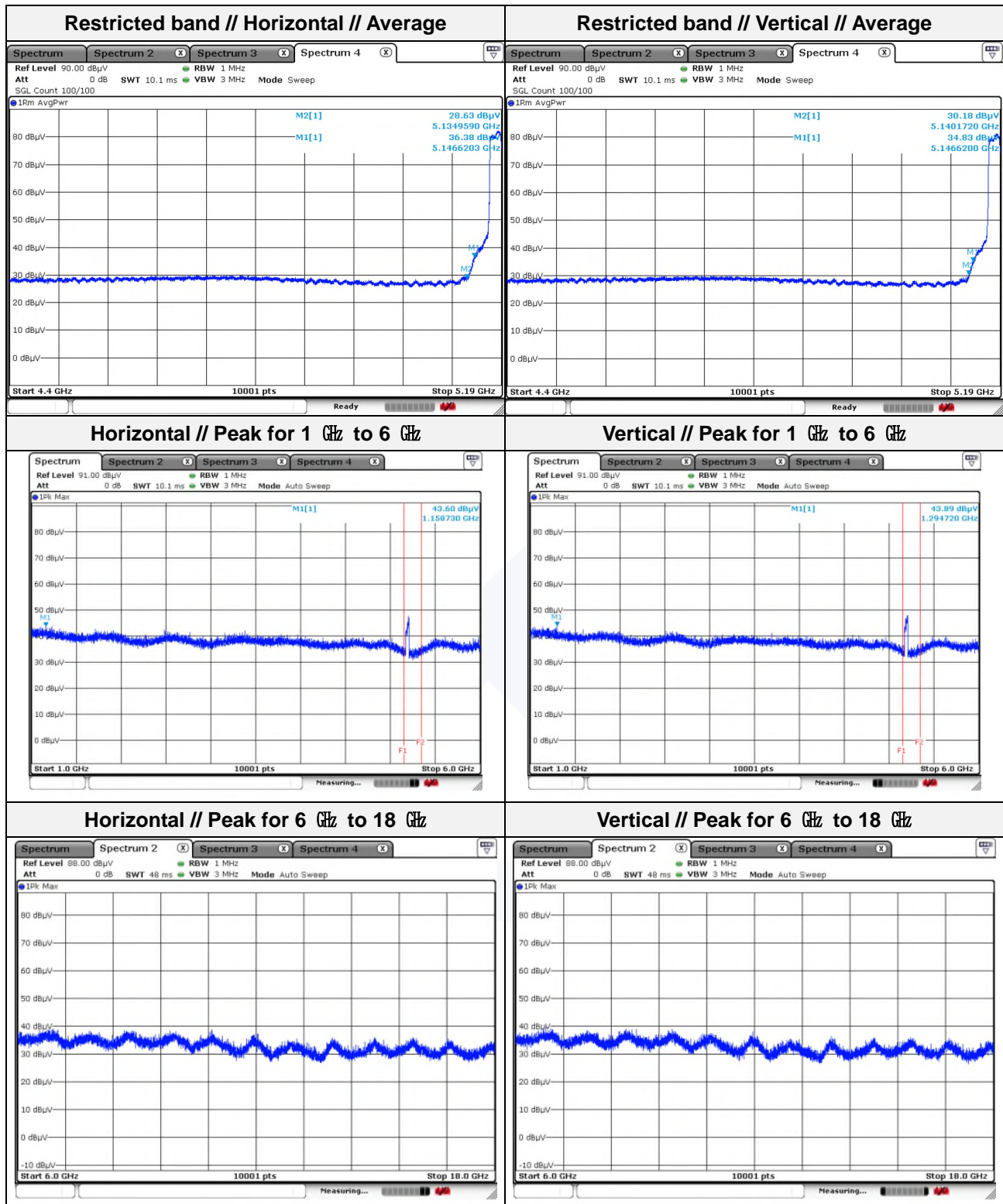
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 158.73	43.60	Peak	H	-7.38	-	36.22	74.00	37.78
1 294.72	43.89	Peak	V	-6.70	-	37.19	74.00	36.81

- 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)
5 134.96	47.43	Peak	H	6.22	-	53.65	74.00	20.35
5 140.17	48.69	Peak	V	6.22	-	54.91	74.00	19.09
5 140.17	30.18	Average	V	6.22	-	36.40	54.00	17.60
5 146.62	50.57	Peak	H	6.22	-	56.79	74.00	17.21
5 146.62	36.38	Average	H	6.22	-	42.60	54.00	11.40
5 146.62	50.52	Peak	V	6.22	-	56.74	74.00	17.26
5 146.62	34.83	Average	V	6.22	-	41.05	54.00	12.95





Note.

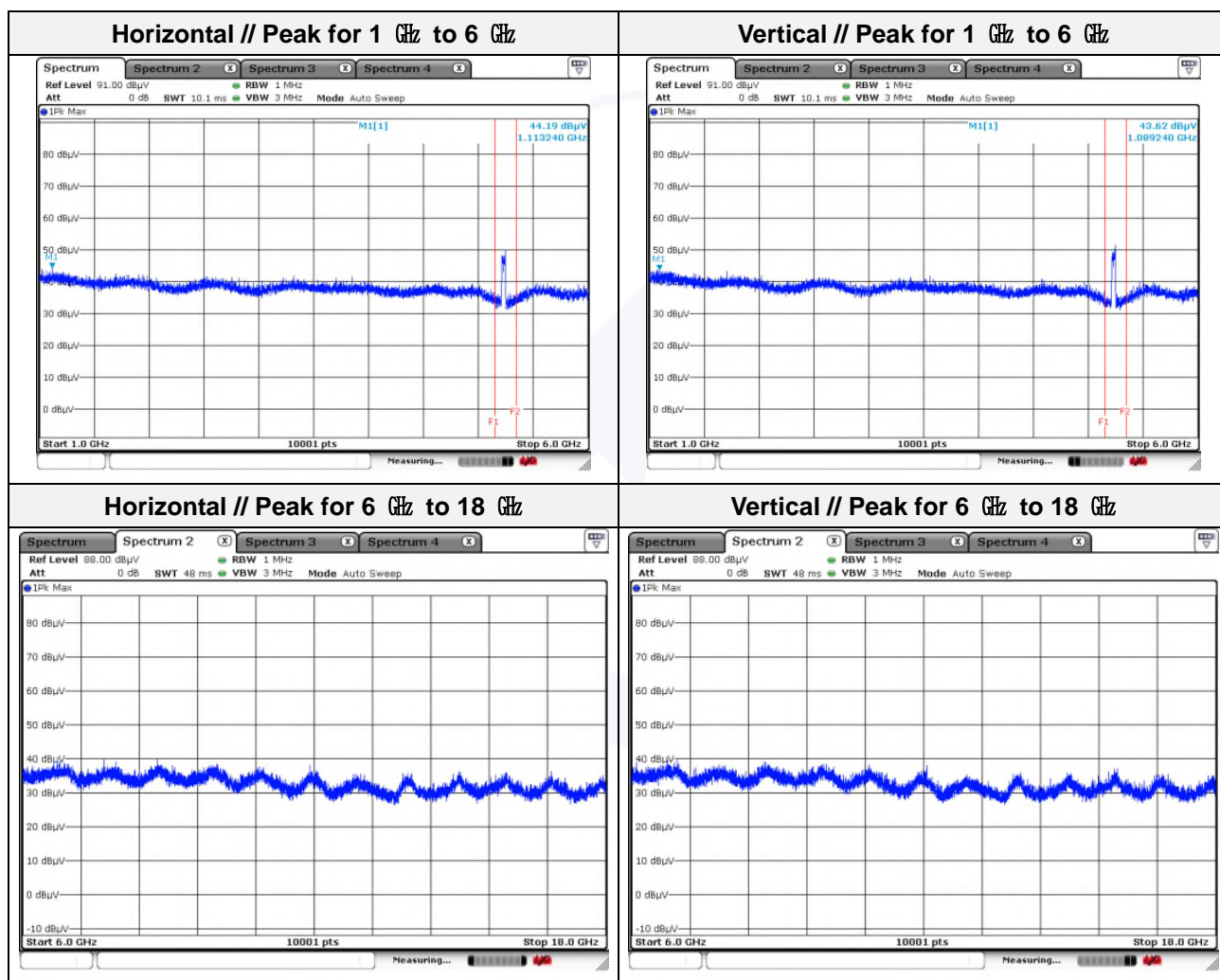
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11n_HT40 (MCS0)
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)
1 089.24	43.62	Peak	V	-7.74	-	35.88	74.00	38.12
1 113.24	44.19	Peak	H	-7.62	-	36.57	74.00	37.43

**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.



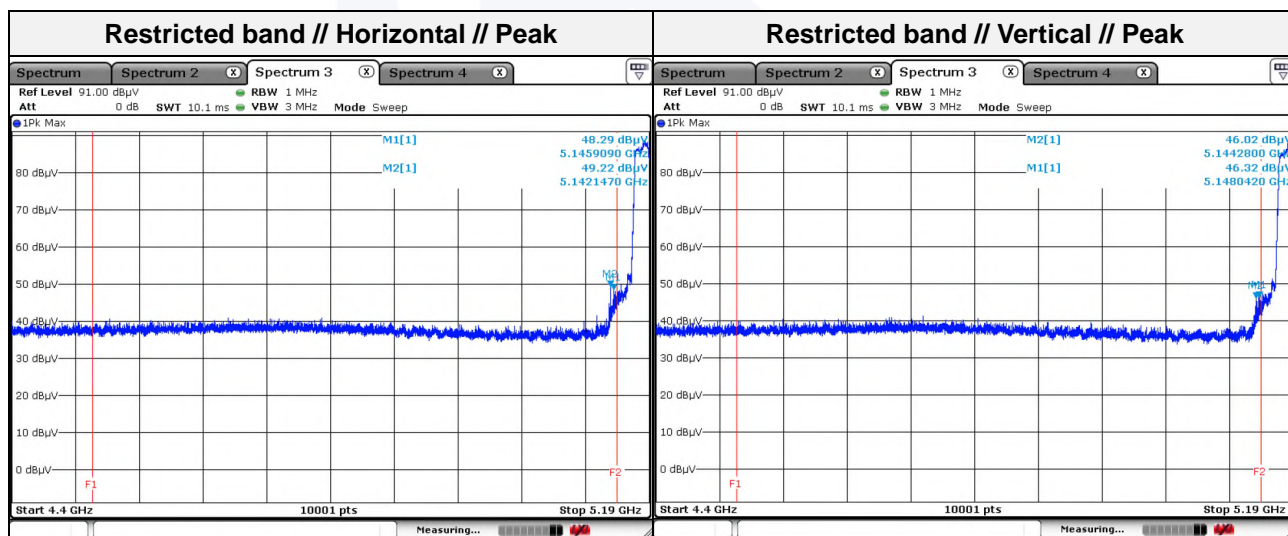
Mode: 802.11ac_VHT40 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 38

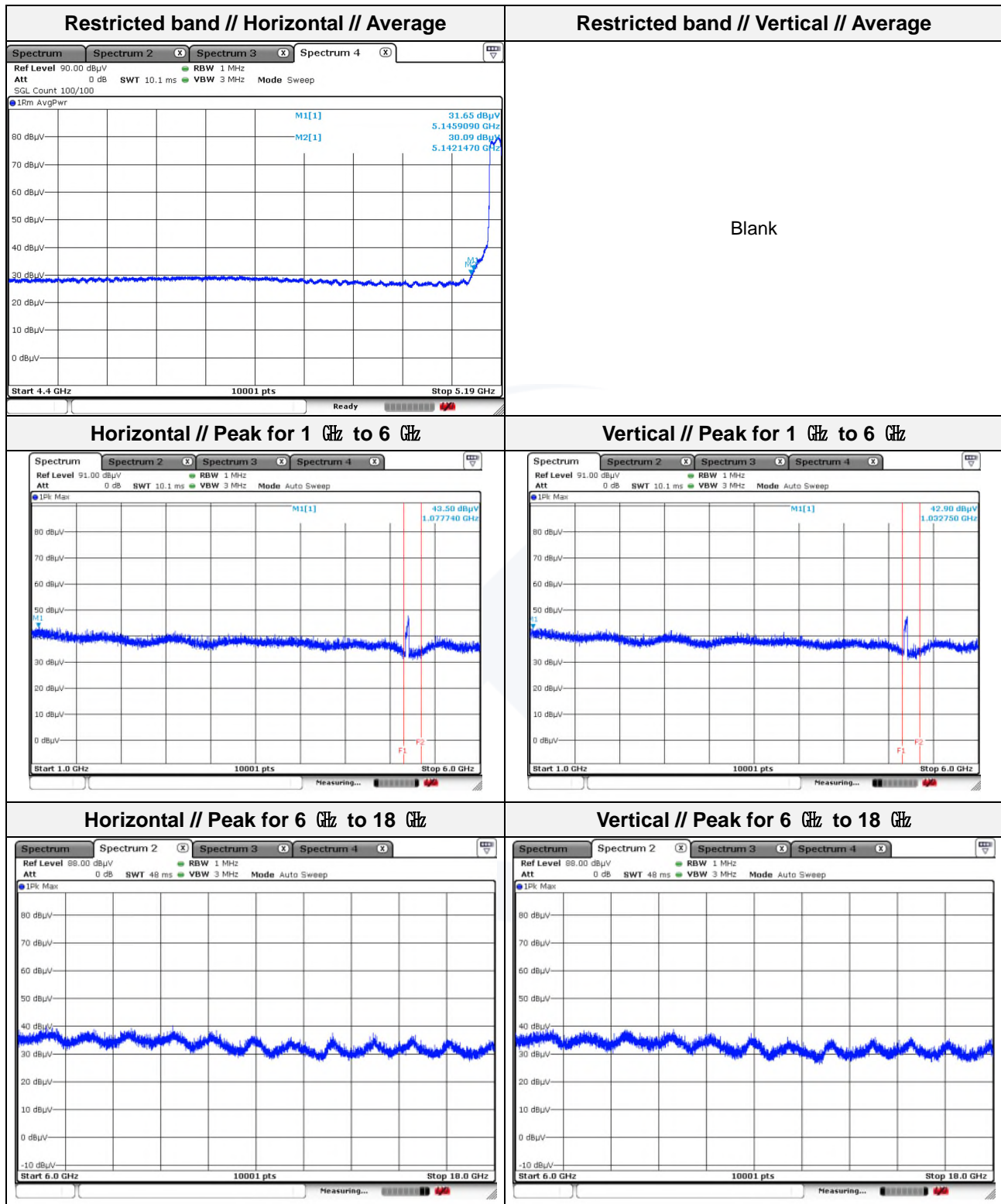
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 032.75	42.90	Peak	V	-8.03	-	34.87	74.00	39.13
1 077.74	43.50	Peak	H	-7.80	-	35.70	74.00	38.30

- 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)
5 142.15	49.22	Peak	H	6.22	-	55.44	74.00	18.56
5 142.15	30.09	Average	H	6.22	0.13	36.44	54.00	17.56
5 144.28	46.02	Peak	V	6.22	-	52.24	74.00	21.76
5 145.91	48.29	Peak	H	6.22	-	54.51	74.00	19.49
5 145.91	31.65	Average	H	6.22	0.13	38.00	54.00	16.00
5 148.04	46.32	Peak	V	6.22	-	52.54	74.00	21.46





Note.

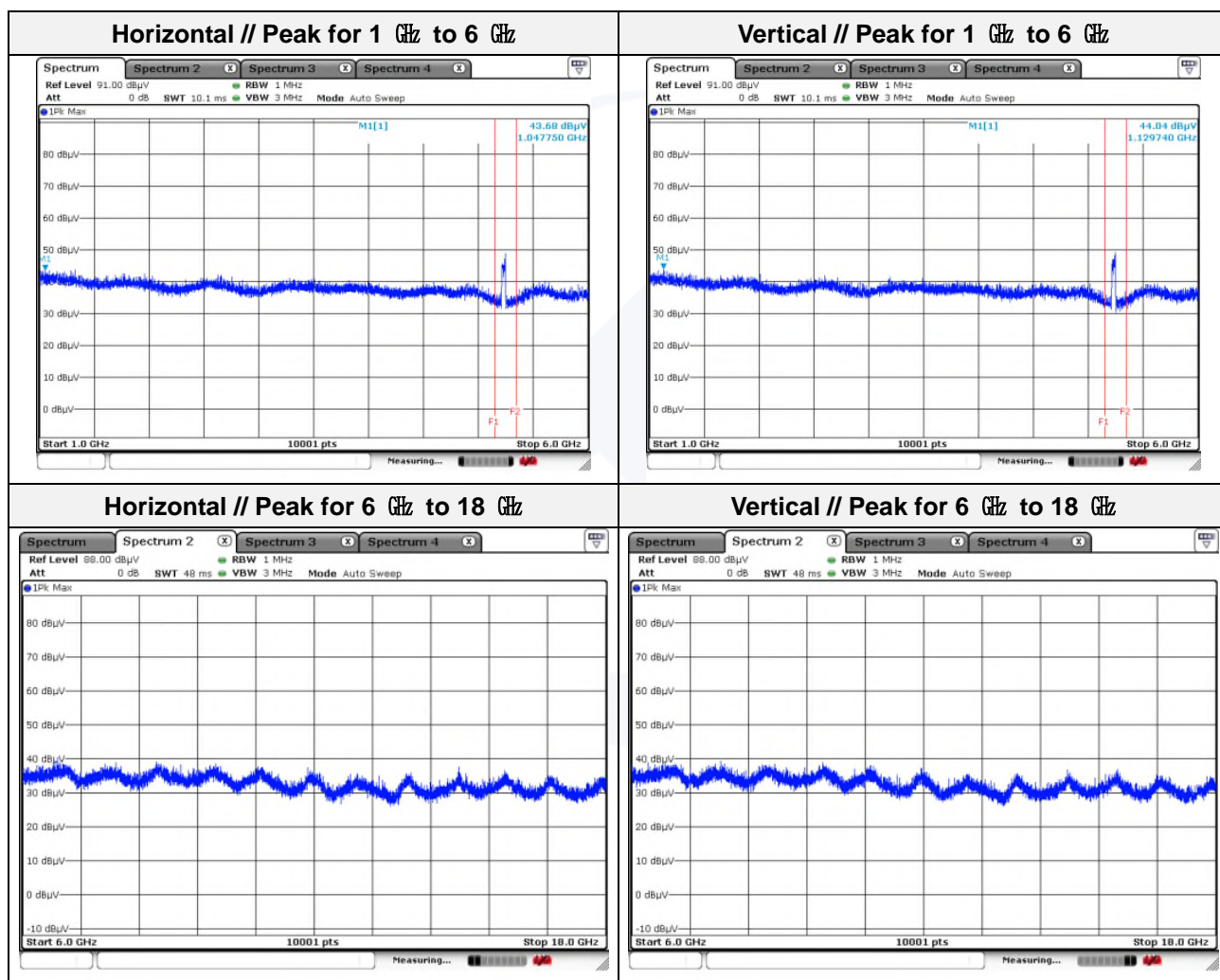
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ac_VHT40 (MCS0)
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)
1 047.75	43.68	Peak	H	-7.95	-	35.73	74.00	38.27
1 129.74	44.04	Peak	V	-7.53	-	36.51	74.00	37.49



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.



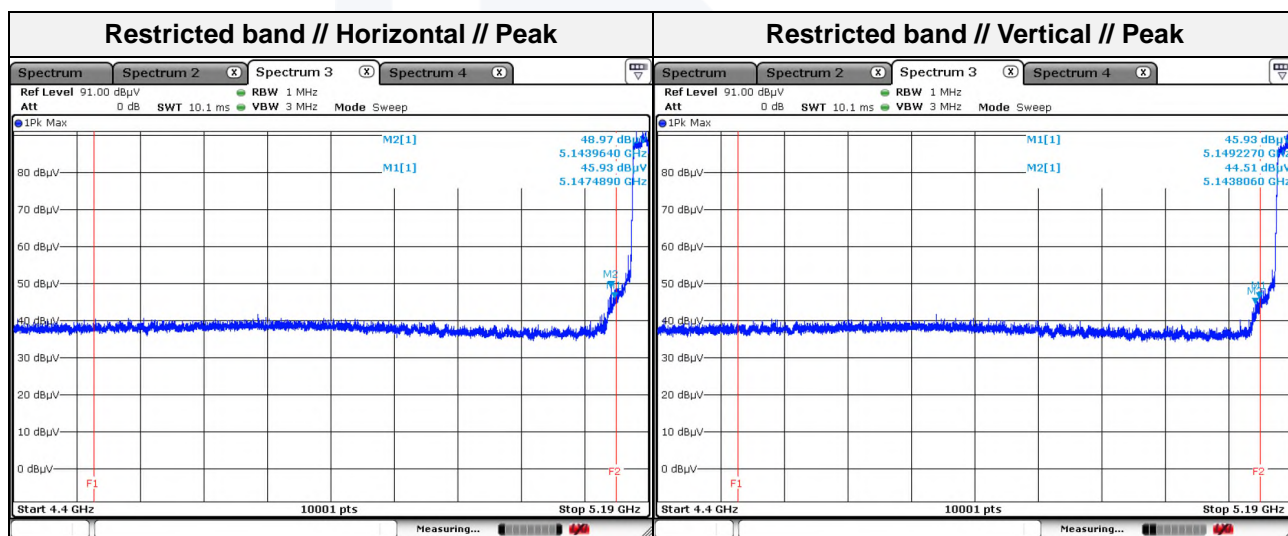
Mode: 802.11ax_HE40 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 38

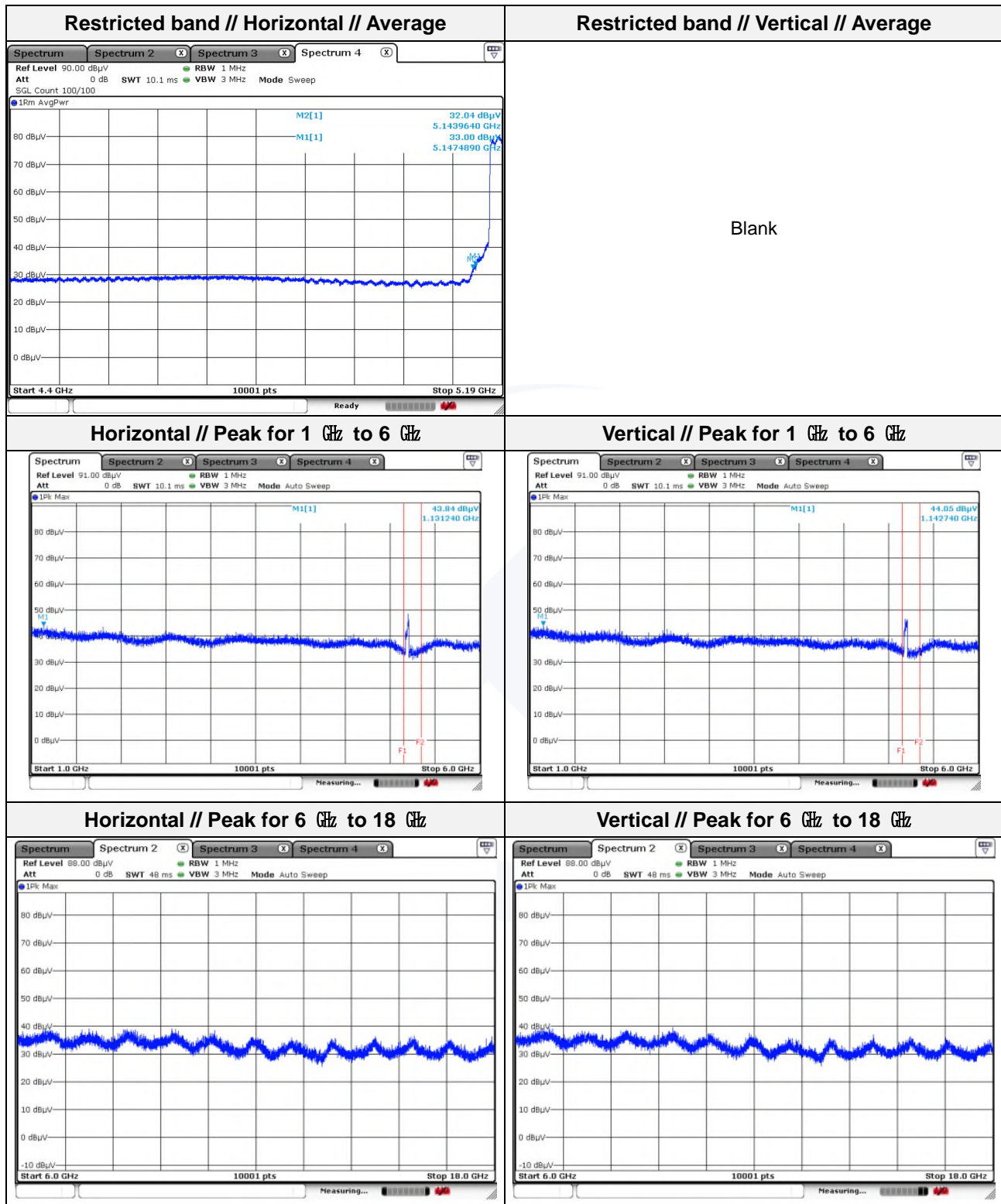
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 131.24	43.84	Peak	H	1131.24	-	36.32	74.00	37.68
1 142.74	44.05	Peak	V	1142.74	-	36.58	74.00	37.42

- 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)
5 143.81	44.51	Peak	V	6.22	-	50.73	74.00	23.27
5 143.96	48.97	Peak	H	6.22	-	55.19	74.00	18.81
5 143.96	32.04	Average	H	6.22	0.18	38.44	54.00	15.56
5 147.49	45.93	Peak	H	6.22	-	52.15	74.00	21.85
5 149.23	45.93	Peak	V	6.22	-	52.15	74.00	21.85





Note.

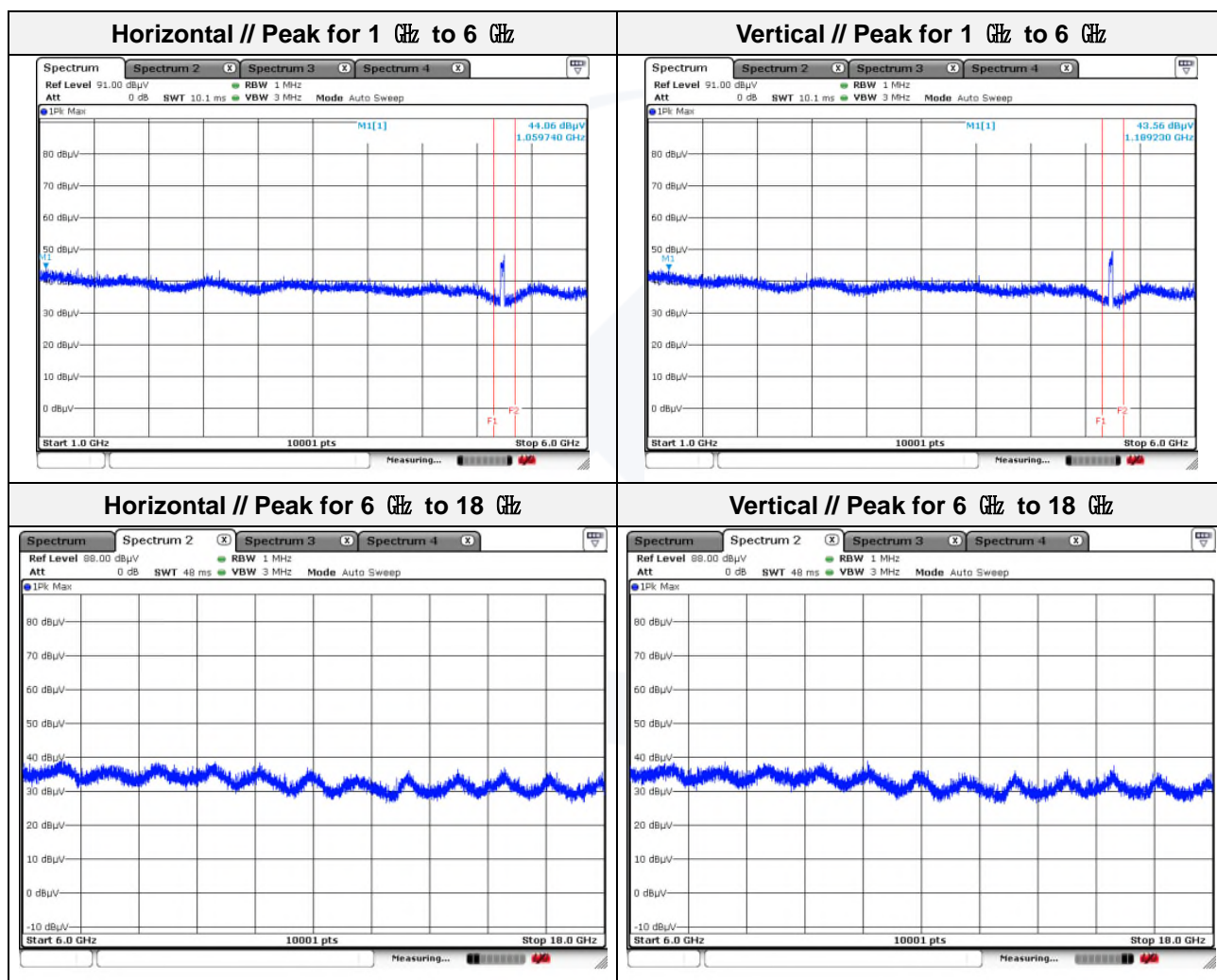
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11ax_HE40 (MCS0)
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)
1 059.74	44.06	Peak	H	-7.89	-	36.17	74.00	37.83
1 189.23	43.56	Peak	V	-7.23	-	36.33	74.00	37.67



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.



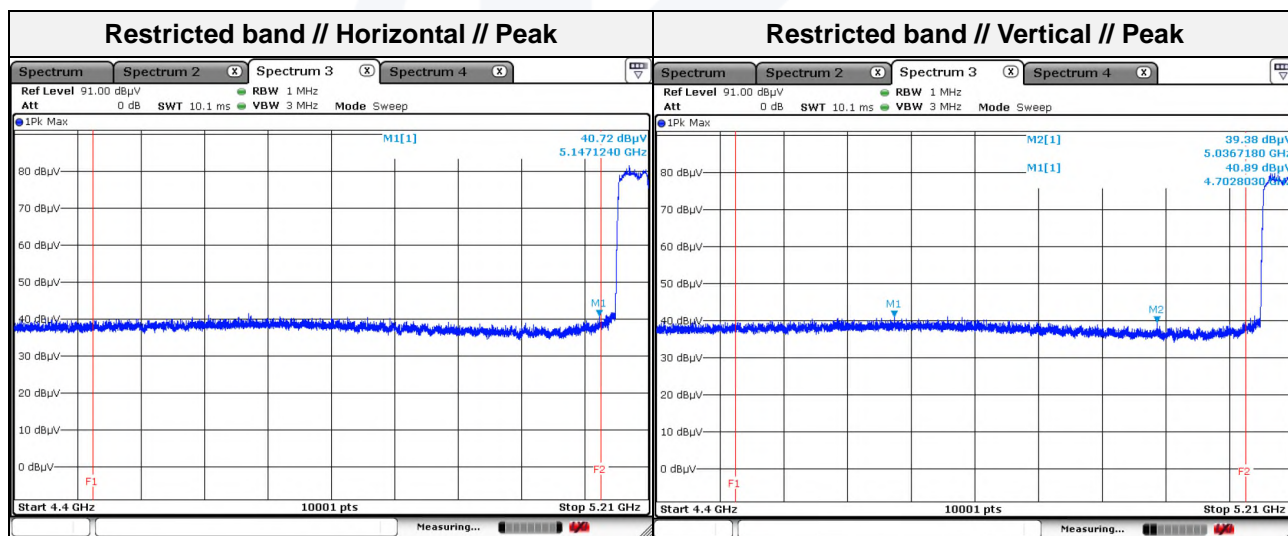
Mode: 802.11ac_VHT80 (MCS0)
Band: UNII-1
Distance of measurement: 3 meter
Channel: 42

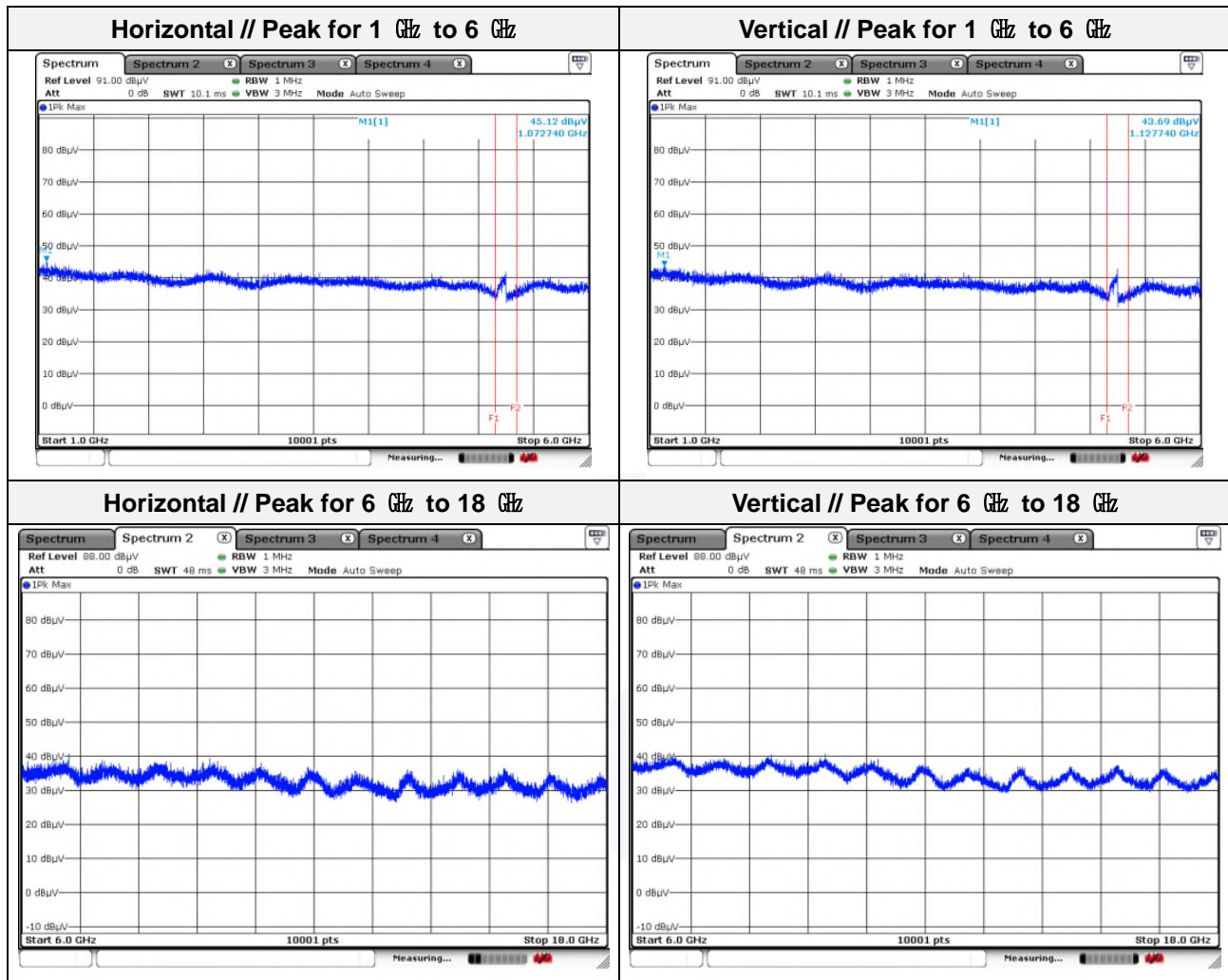
- Spurious

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)
1 072.74	45.12	Peak	H	-7.83	-	37.29	74.00	36.71
1 127.74	43.69	Peak	V	-7.54	-	36.15	74.00	37.85

- Band edge

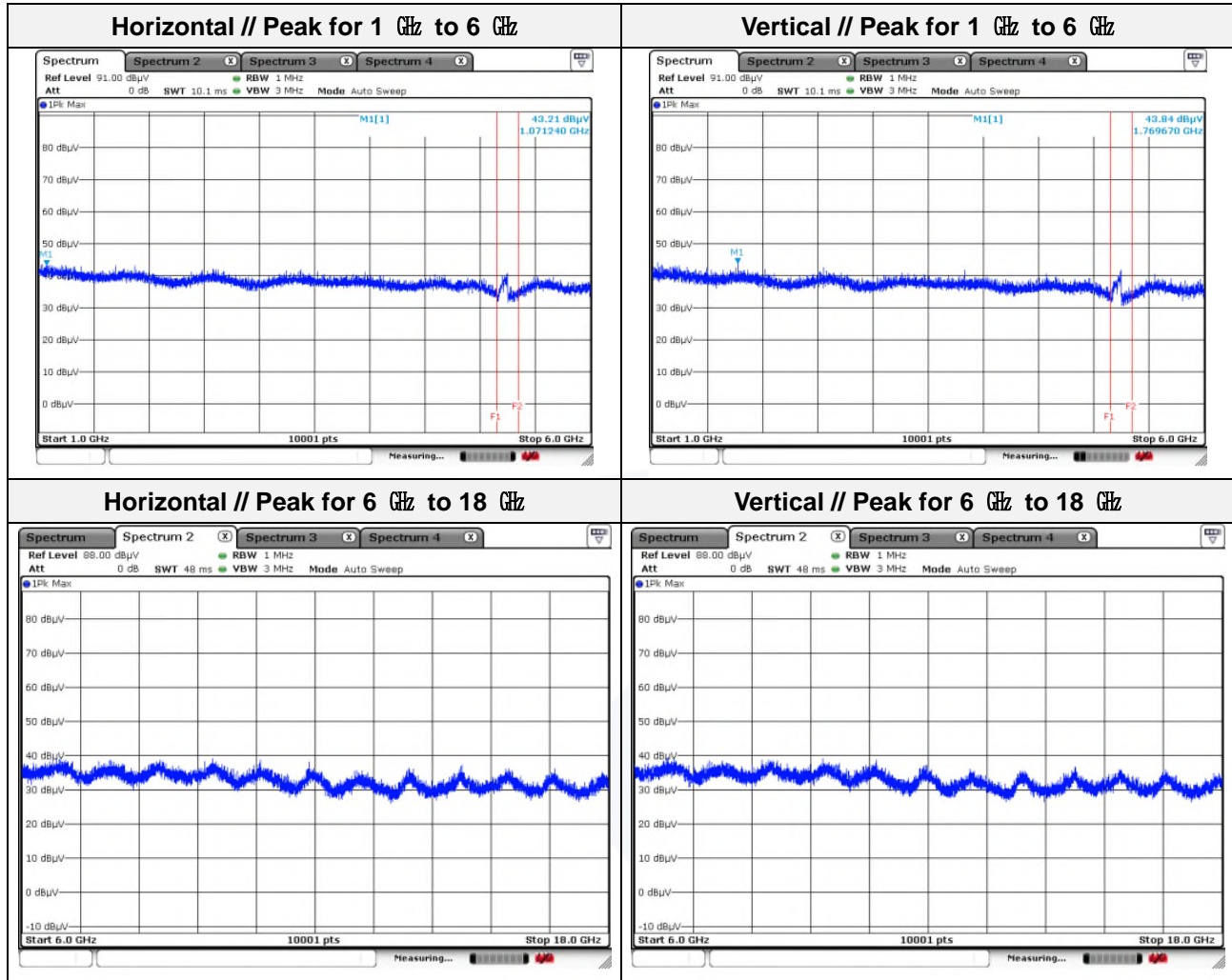
Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
4 702.80	40.89	Peak	V	4.44	-	45.33	74.00	28.67
5 036.72	39.38	Peak	V	6.22	-	45.60	74.00	28.40
5 147.12	40.72	Peak	H	6.22	-	46.94	74.00	27.06





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.



Note.

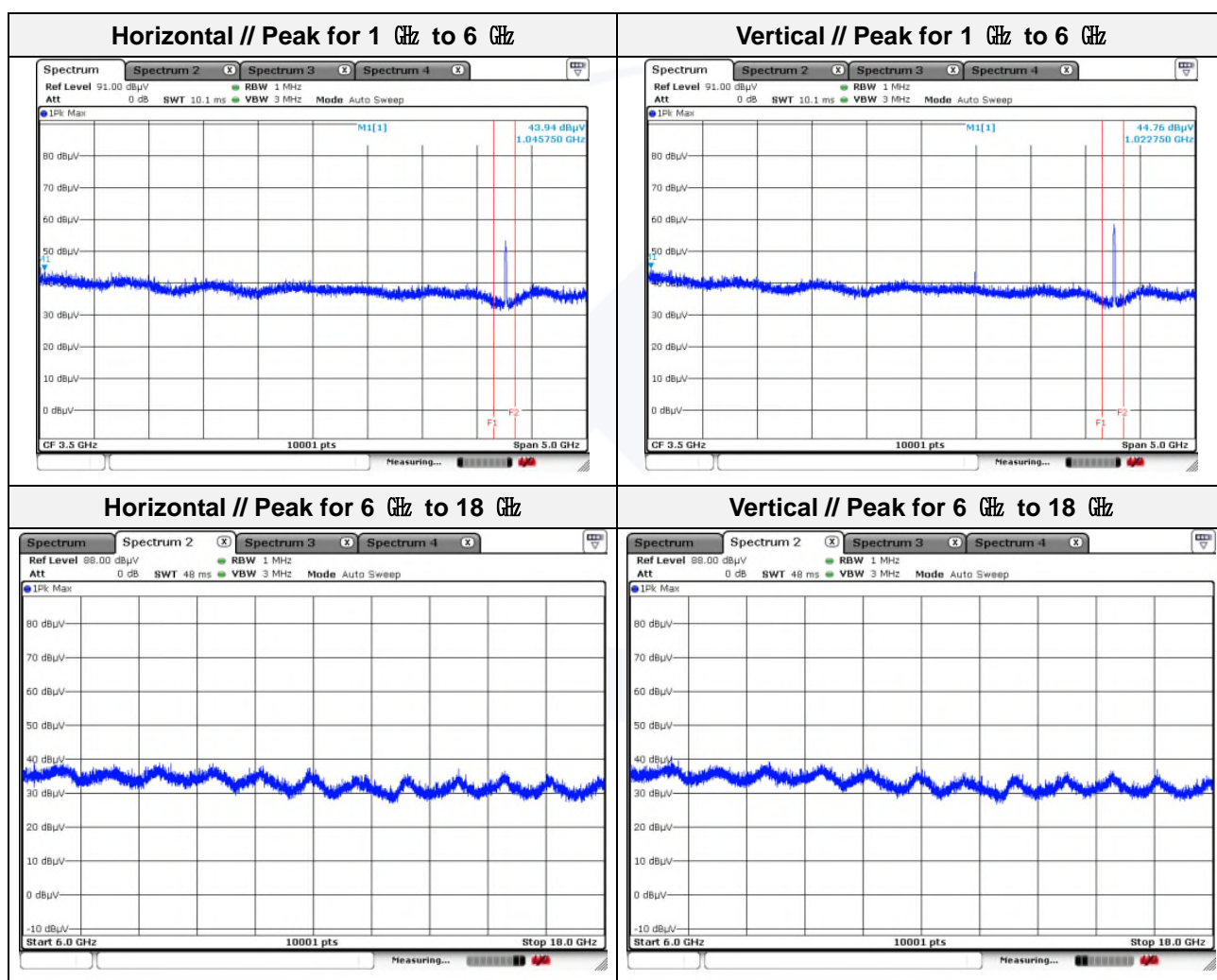
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode:	802.11a (6 Mbps)
Band:	UNII-2A
Distance of measurement:	3 meter
Channel:	52

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 022.75	44.76	Peak	V	-8.08	-	36.68	74.00	37.32
1 045.75	43.94	Peak	H	-7.97	-	35.97	74.00	38.03



Note.

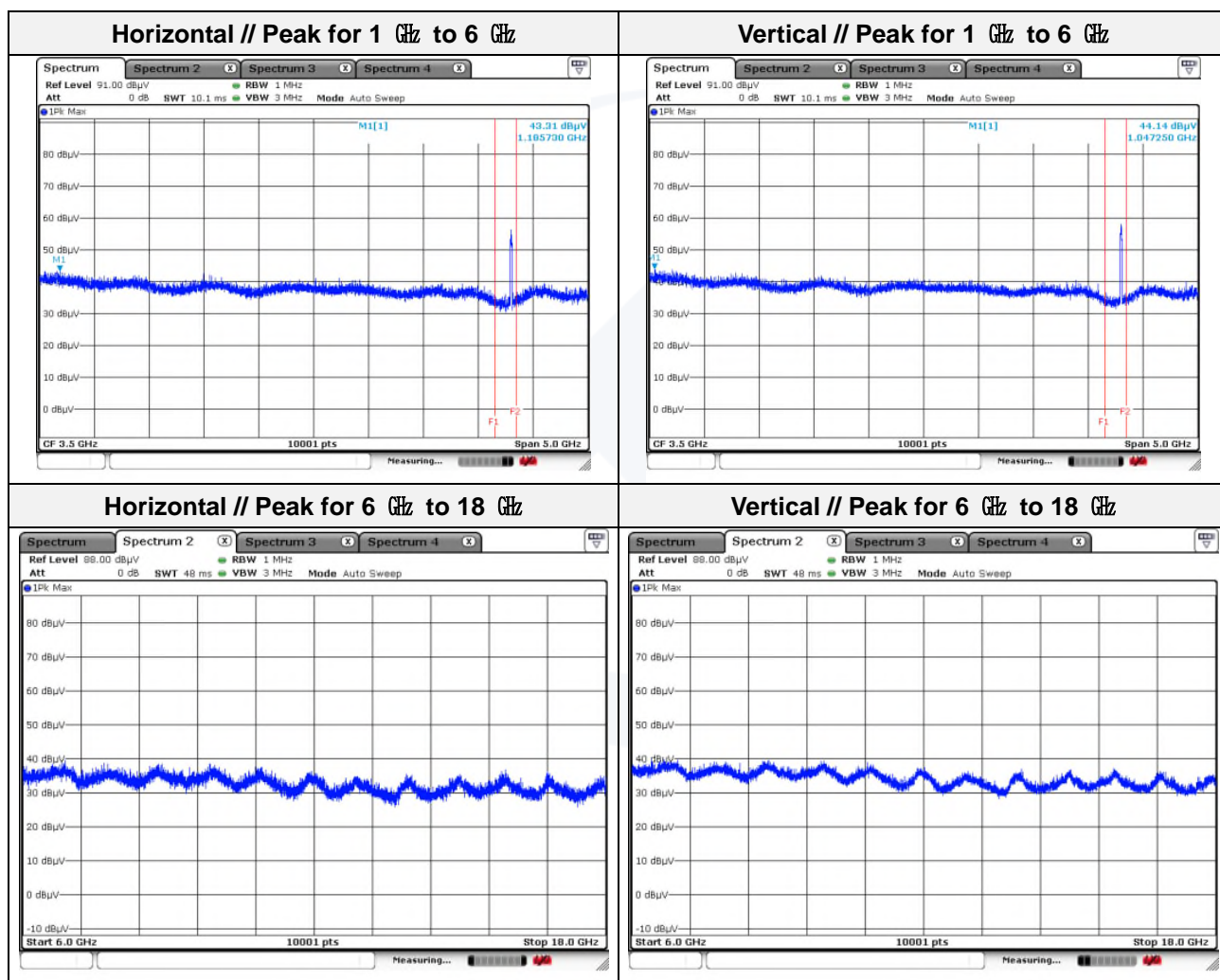
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11a (6 Mbps)
Band: UNII-2A
Distance of measurement: 3 meter
Channel: 56

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 047.25	44.14	Peak	V	-7.96	-	36.18	74.00	37.82
1 185.73	43.31	Peak	H	-7.24	-	36.07	74.00	37.93



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.



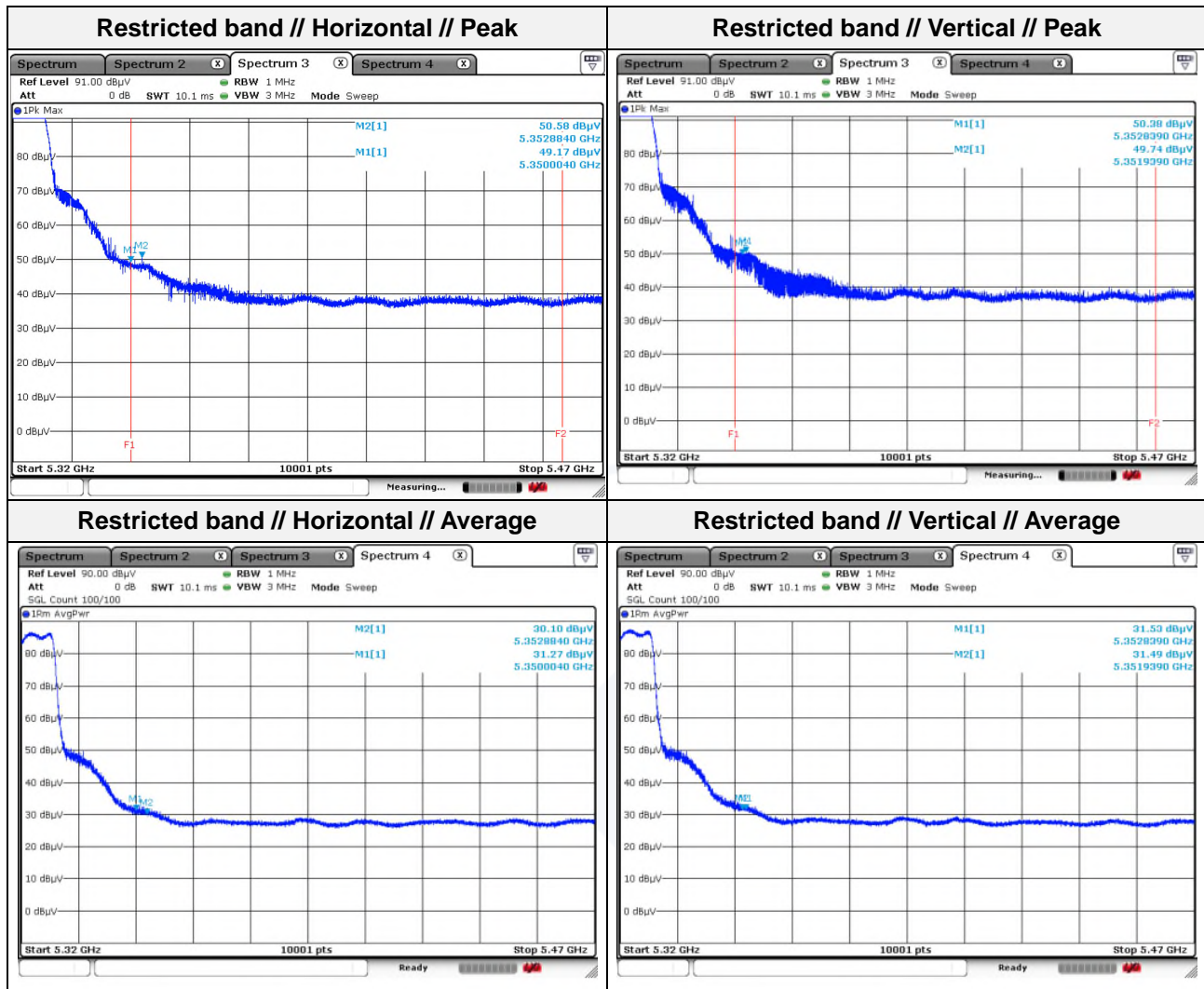
Mode: 802.11a (6 Mbps)
Band: UNII-2A
Distance of measurement: 3 meter
Channel: 64

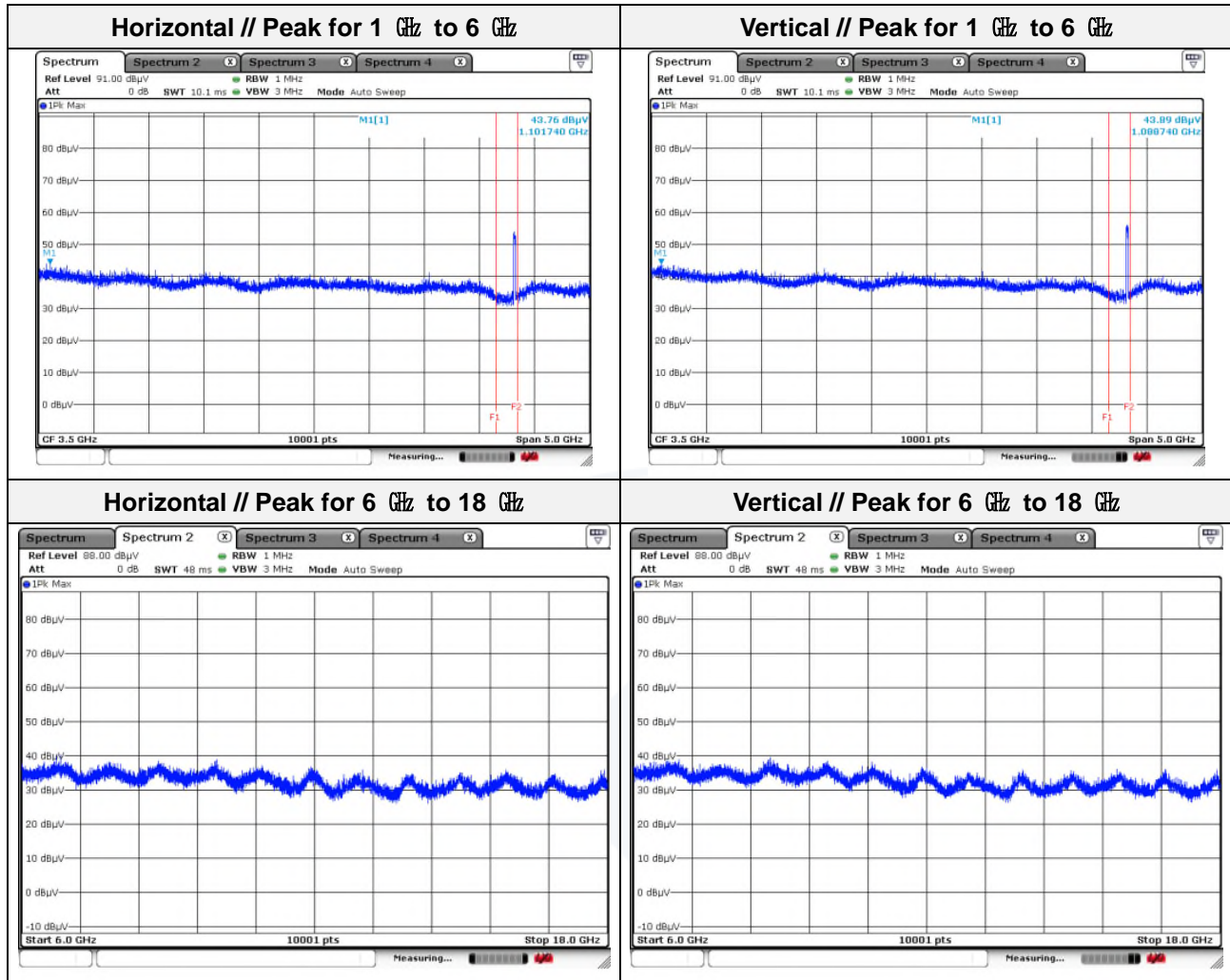
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 088.74	43.89	Peak	V	-7.74	-	36.15	74.00	37.85
1 101.74	43.76	Peak	H	-7.68	-	36.08	74.00	37.92

- 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)
5 350.00	49.17	Peak	H	6.23	-	55.40	74.00	18.60
5 350.00	31.27	Average	H	6.23	-	37.50	54.00	16.50
5 351.94	49.74	Peak	V	6.23	-	55.97	74.00	18.03
5 351.94	31.49	Average	V	6.23	-	37.72	54.00	16.28
5 352.88	50.58	Peak	H	6.23	-	56.81	74.00	17.19
5 352.88	30.10	Average	H	6.23	-	36.33	54.00	17.67
5 352.84	50.38	Peak	V	6.23	-	56.61	74.00	17.39
5 352.84	31.53	Average	V	6.23	-	37.76	54.00	16.24





Note.

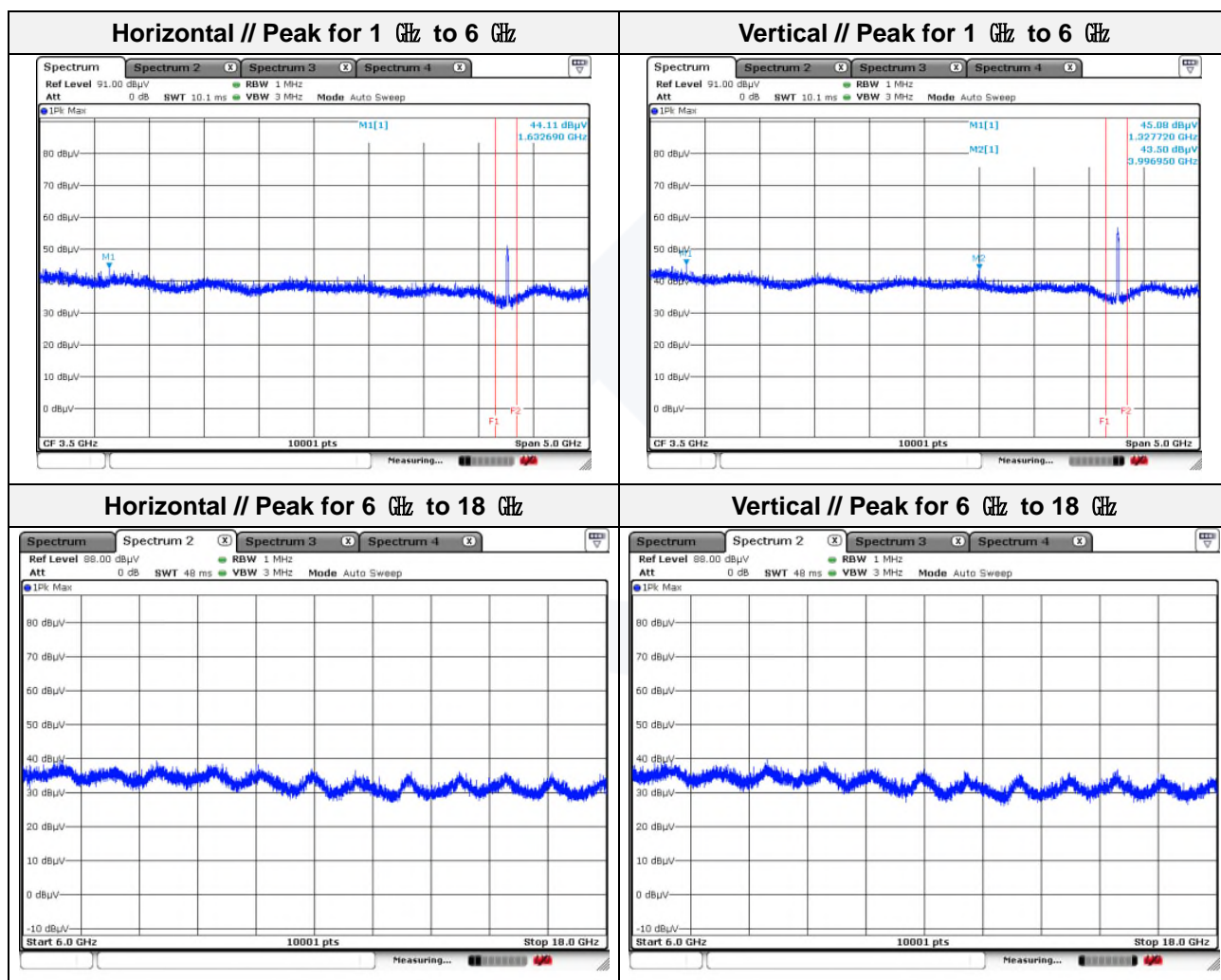
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: 802.11n_HT20 (MCS0)
Band: UNII-2A
Distance of measurement: 3 meter
Channel: 52

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 327.72	45.08	Peak	V	-6.53	-	38.55	74.00	35.45
1 632.69	44.11	Peak	H	-5.11	-	39.00	68.20	29.20
3 996.95	43.50	Peak	V	2.09	-	45.59	74.00	28.41



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.