



Report No. : KES-RF250856

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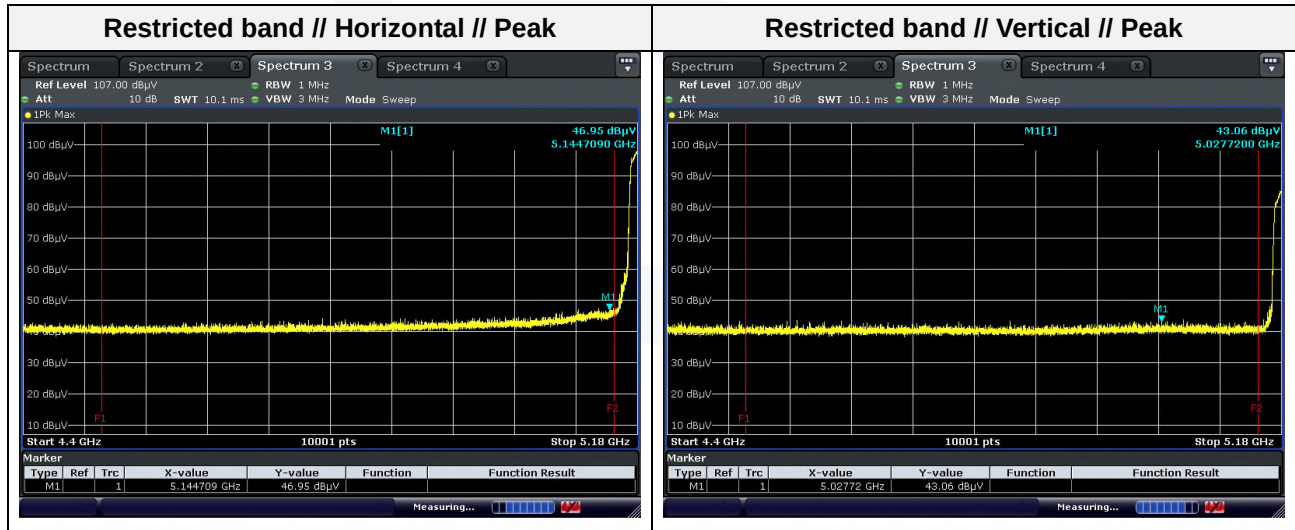
Mode: SISO_802.11ac_VHT20_Ant 2
Distance of measurement: 3 meter
Channel: UNII-1 / 36

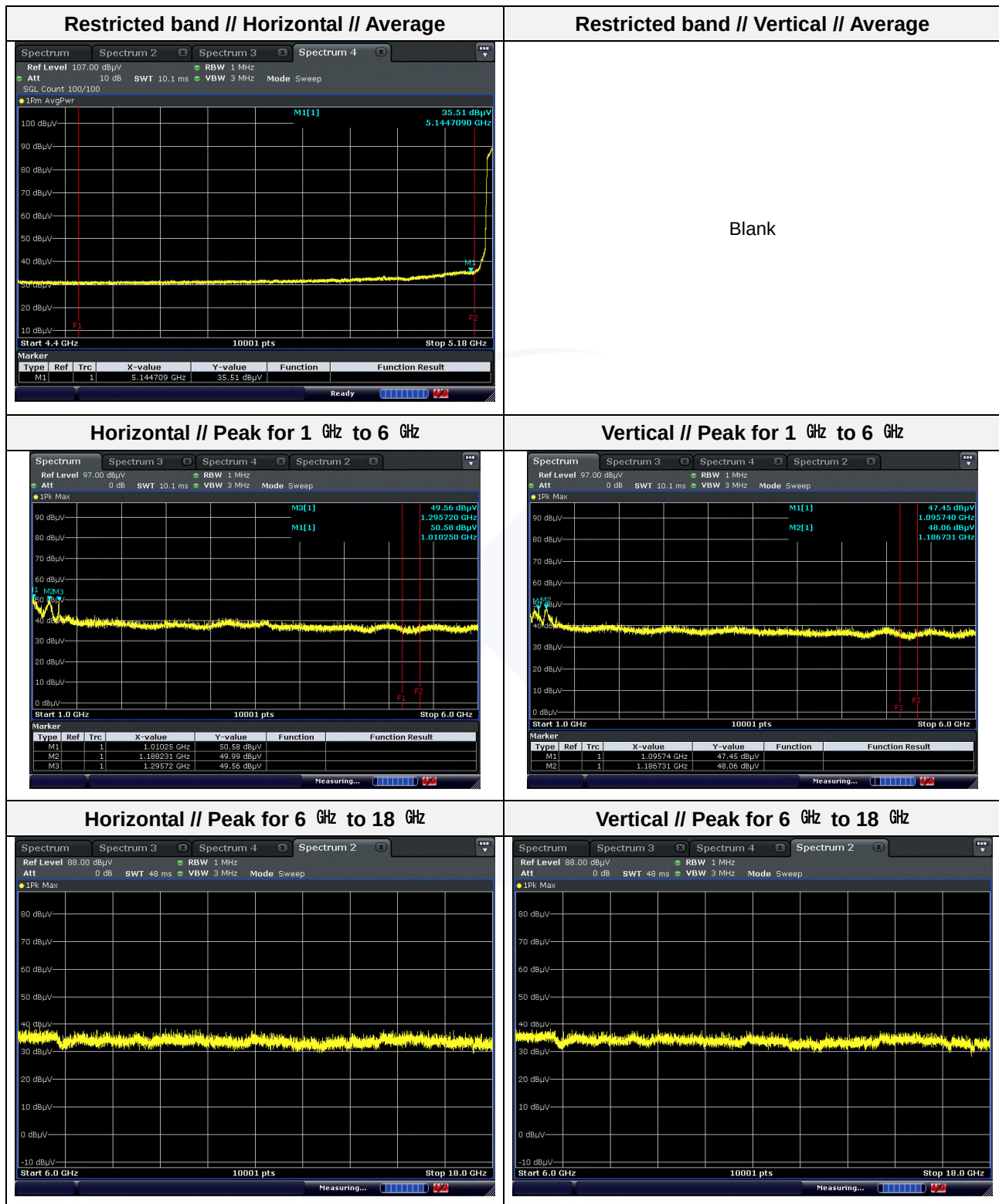
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 010.25	50.58	Peak	H	-8.08	-	42.50	74.00	31.50
1 095.74	47.45	Peak	V	-7.58	-	39.87	74.00	34.13
1 186.73	48.06	Peak	V	-7.03	-	41.03	74.00	32.97
1 188.23	49.99	Peak	H	-7.03	-	42.96	74.00	31.04
1 295.72	49.56	Peak	H	-6.26	-	43.30	74.00	30.70

- 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)
5 027.72	43.06	Peak	V	7.29	-	50.35	74.00	23.65
5 144.71	46.95	Peak	H	7.53	-	54.48	74.00	19.52
5 144.71	35.51	Average	H	7.53	0.46	43.50	54.00	10.50





Note.

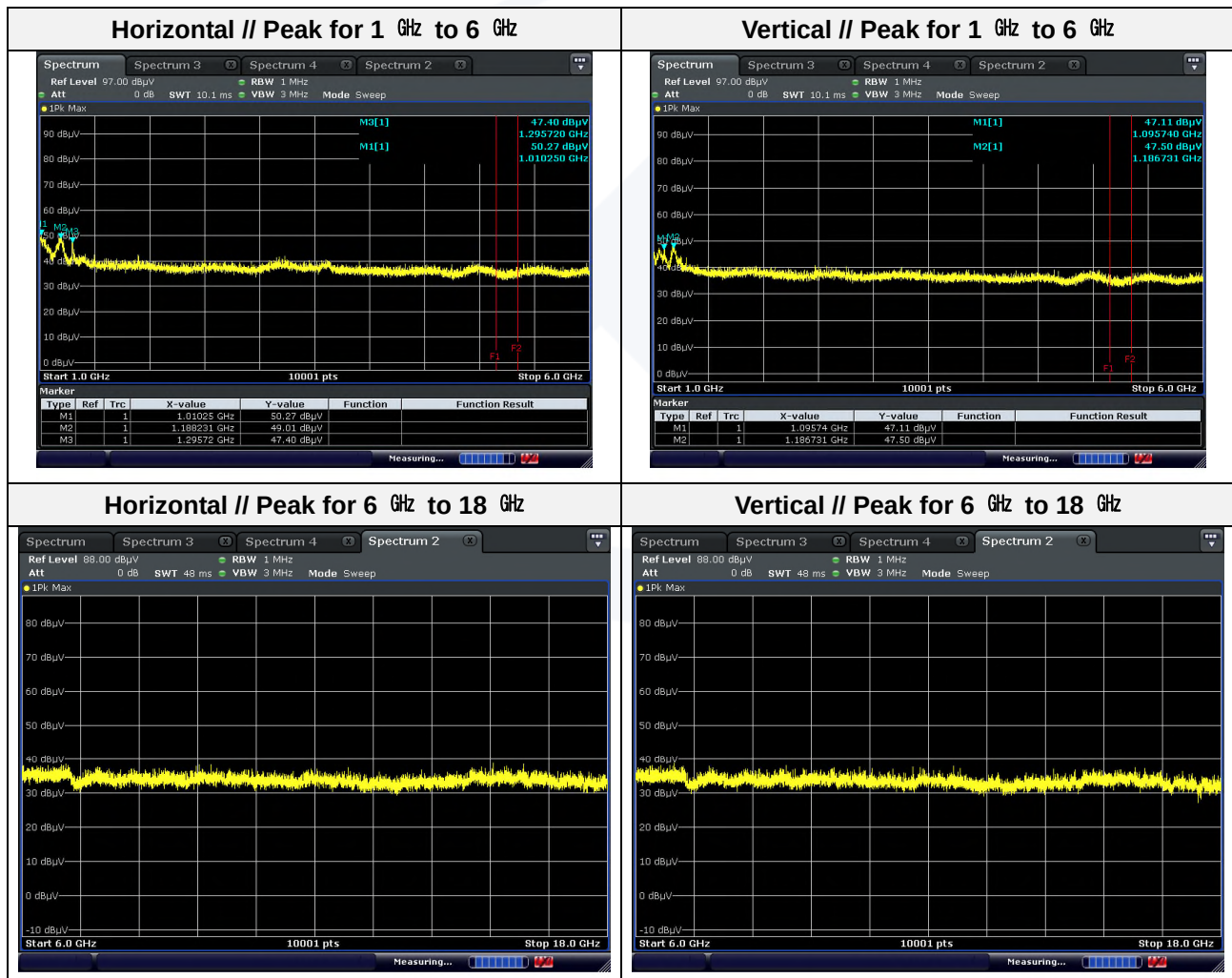
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: SISO_802.11ac_VHT20_Ant 2
Distance of measurement: 3 meter
Channel: UNII-1 / 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)
1 010.25	50.27	Peak	H	-8.08	-	42.19	74.00	31.81
1 095.74	47.11	Peak	V	-7.58	-	39.53	74.00	34.47
1 186.73	47.50	Peak	V	-7.03	-	40.47	74.00	33.53
1 188.23	49.01	Peak	H	-7.03	-	41.98	74.00	32.02
1 295.72	47.40	Peak	H	-6.26	-	41.14	74.00	32.86



Note.

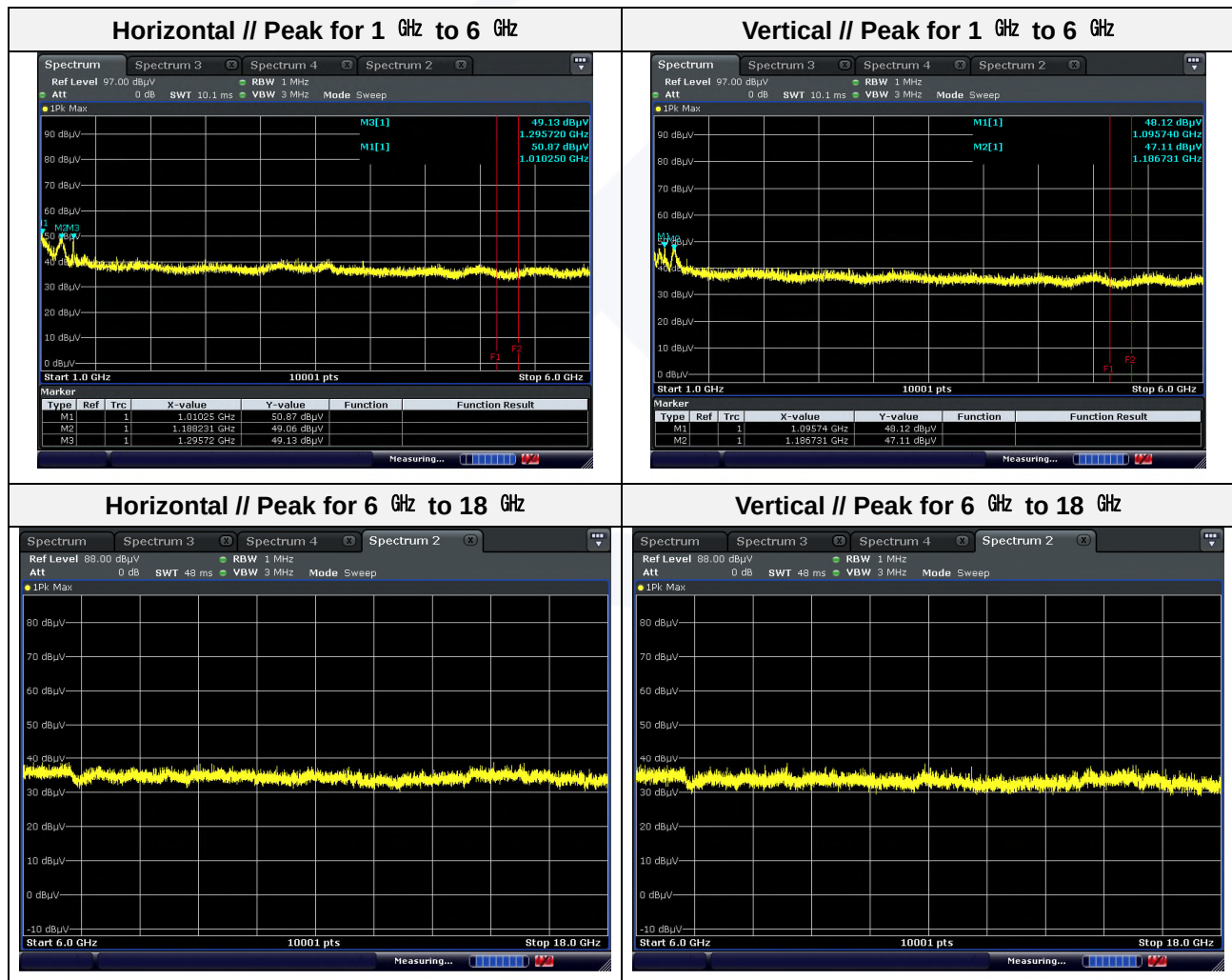
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: SISO_802.11ac_VHT20_Ant 2
Distance of measurement: 3 meter
Channel: UNII-1 / 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)
1 010.25	50.87	Peak	H	-8.08	-	42.79	74.00	31.21
1 095.74	48.12	Peak	V	-7.58	-	40.54	74.00	33.46
1 186.73	47.11	Peak	V	-7.03	-	40.08	74.00	33.92
1 188.23	49.06	Peak	H	-7.03	-	42.03	74.00	31.97
1 295.72	49.13	Peak	H	-6.26	-	42.87	74.00	31.13



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: MIMO_802.11ac_VHT20

Distance of measurement: 3 meter

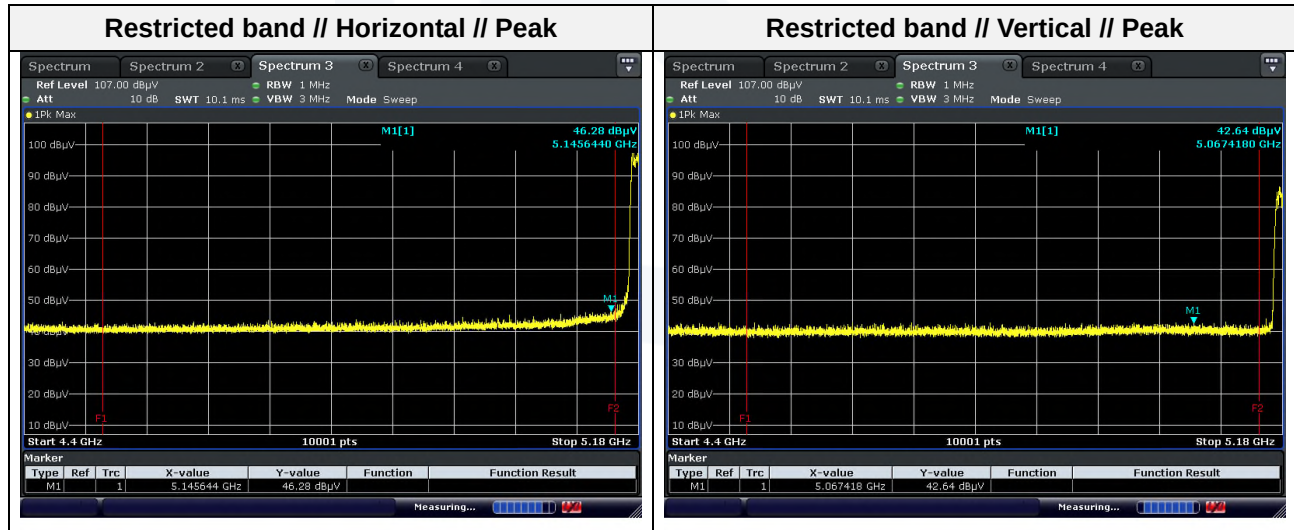
Channel: UNII-1 / 36

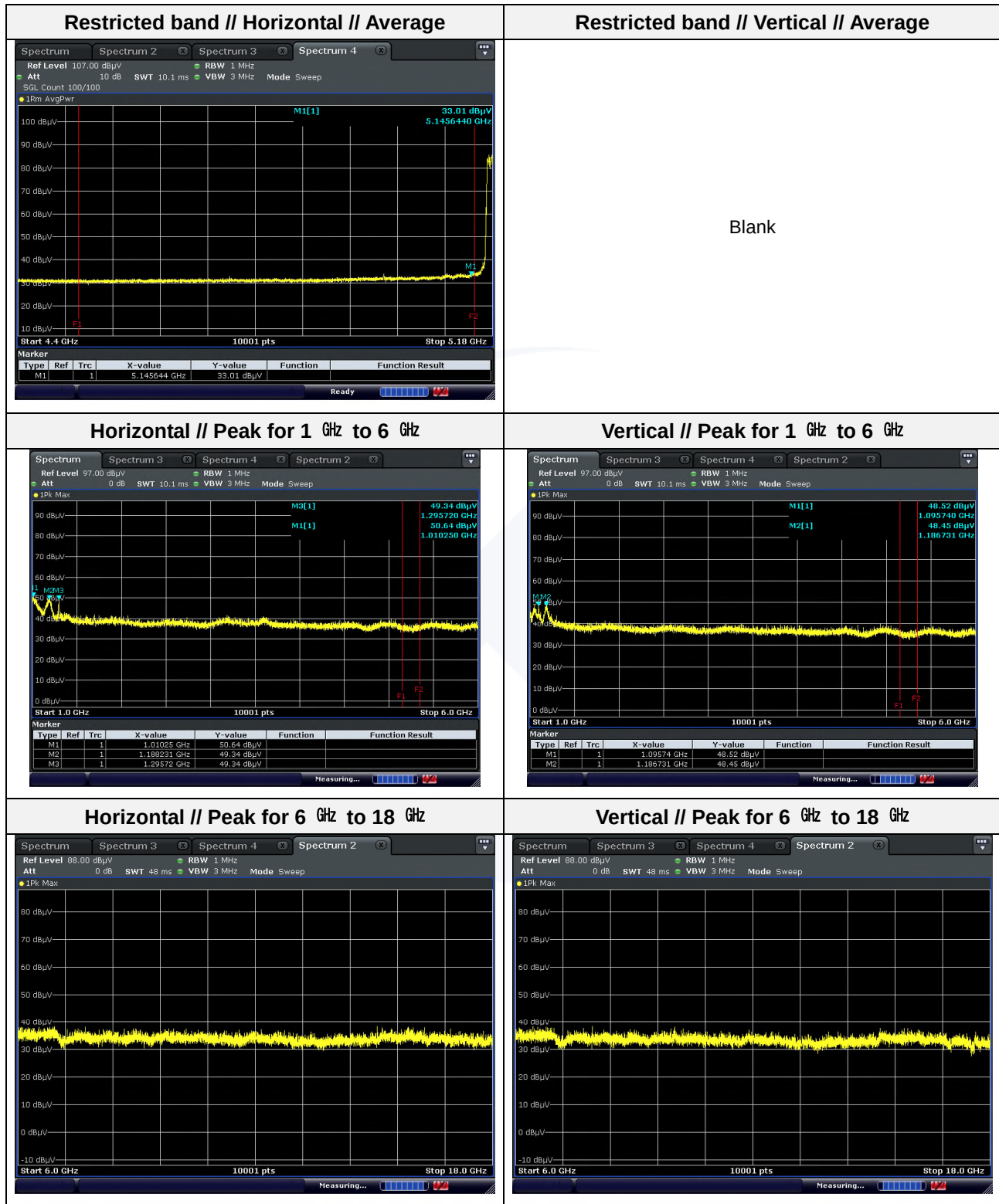
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 010.25	50.64	Peak	H	-8.08	-	42.56	74.00	31.44
1 095.74	48.52	Peak	V	-7.58	-	40.94	74.00	33.06
1 186.73	48.45	Peak	V	-7.03	-	41.42	74.00	32.58
1 188.23	49.34	Peak	H	-7.03	-	42.31	74.00	31.69
1 295.72	49.34	Peak	H	-6.26	-	43.08	74.00	30.92

- 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)
5 067.42	42.64	Peak	V	7.37	-	50.01	74.00	23.99
5 145.64	46.28	Peak	H	7.53	-	53.81	74.00	20.19
5 145.64	33.01	Average	H	7.53	3.28	43.82	54.00	10.18





Note.

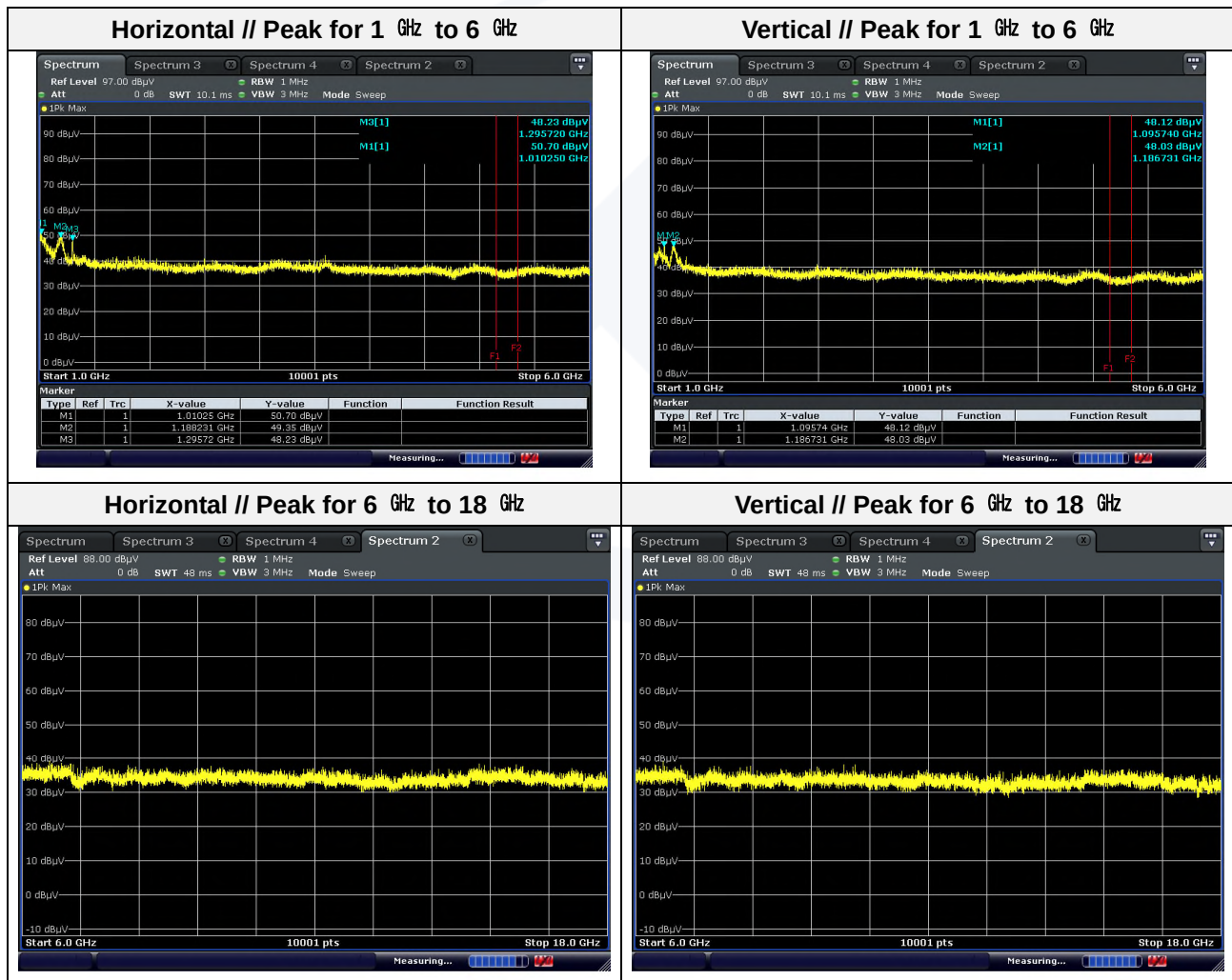
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: MIMO_802.11ac_VHT20
Distance of measurement: 3 meter
Channel: UNII-1 / 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)
1 010.25	50.70	Peak	H	-8.08	-	42.62	74.00	31.38
1 095.74	48.12	Peak	V	-7.58	-	40.54	74.00	33.46
1 186.73	48.03	Peak	V	-7.03	-	41.00	74.00	33.00
1 188.23	49.35	Peak	H	-7.03	-	42.32	74.00	31.68
1 295.72	48.23	Peak	H	-6.26	-	41.97	74.00	32.03



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: MIMO_802.11ac_VHT20

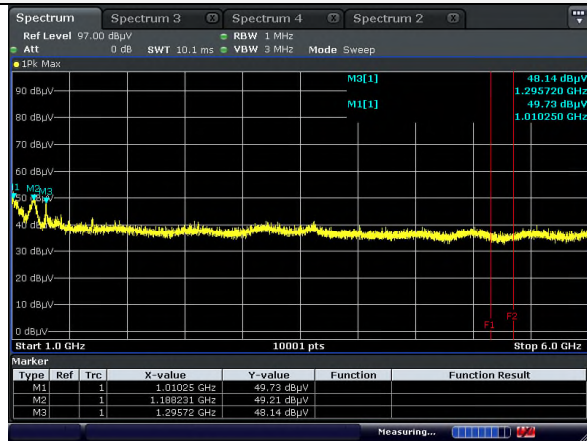
Distance of measurement: 3 meter

Channel: UNII-1 / 48

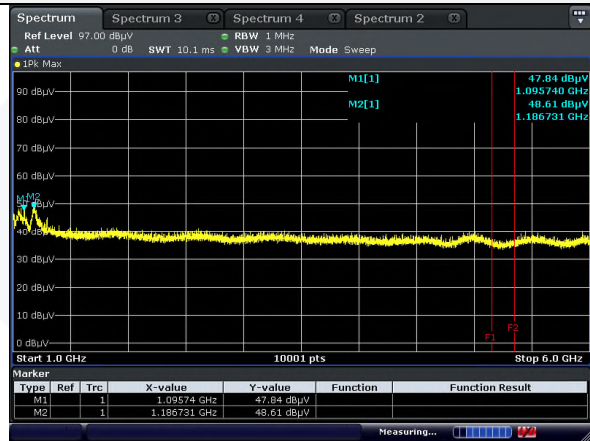
- Spurious

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)
1 010.25	49.73	Peak	H	-8.08	-	41.65	74.00	32.35
1 095.74	47.84	Peak	V	-7.58	-	40.26	74.00	33.74
1 186.73	48.61	Peak	V	-7.03	-	41.58	74.00	32.42
1 188.23	49.21	Peak	H	-7.03	-	42.18	74.00	31.82
1 295.72	48.14	Peak	H	-6.26	-	41.88	74.00	32.12

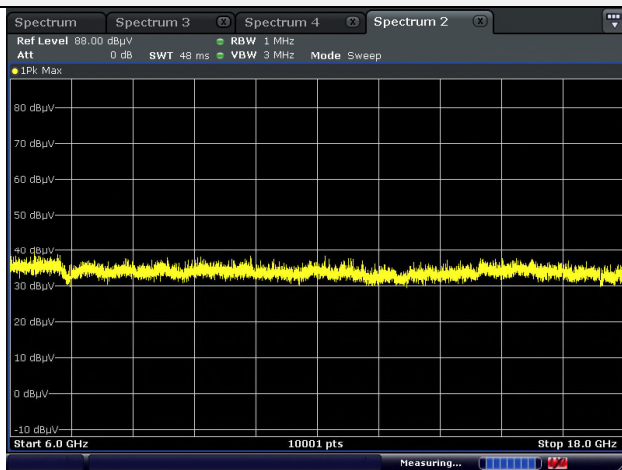
Horizontal // Peak for 1 GHz to 6 GHz



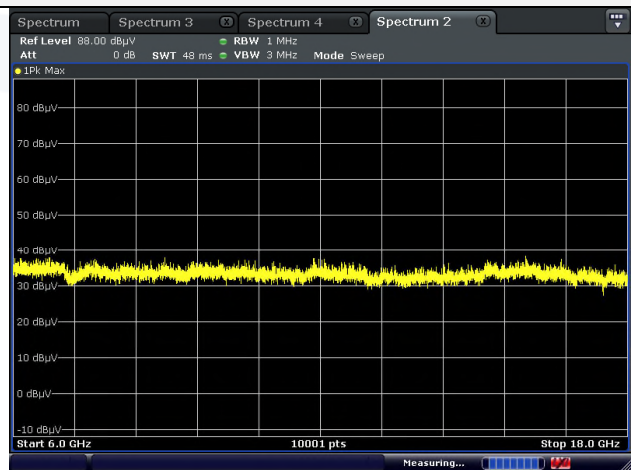
Vertical // Peak for 1 GHz to 6 GHz



Horizontal // Peak for 6 GHz to 18 GHz



Vertical // Peak for 6 GHz to 18 GHz



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.



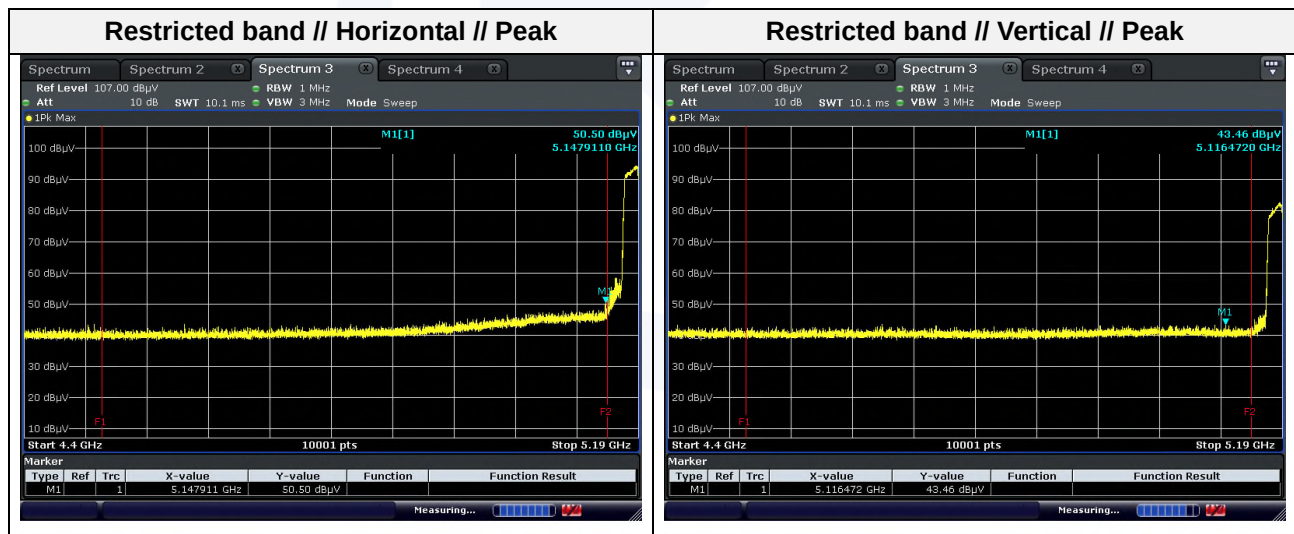
Mode: SISO_802.11n_HT40_Ant 1
Distance of measurement: 3 meter
Channel: UNII-1 / 38

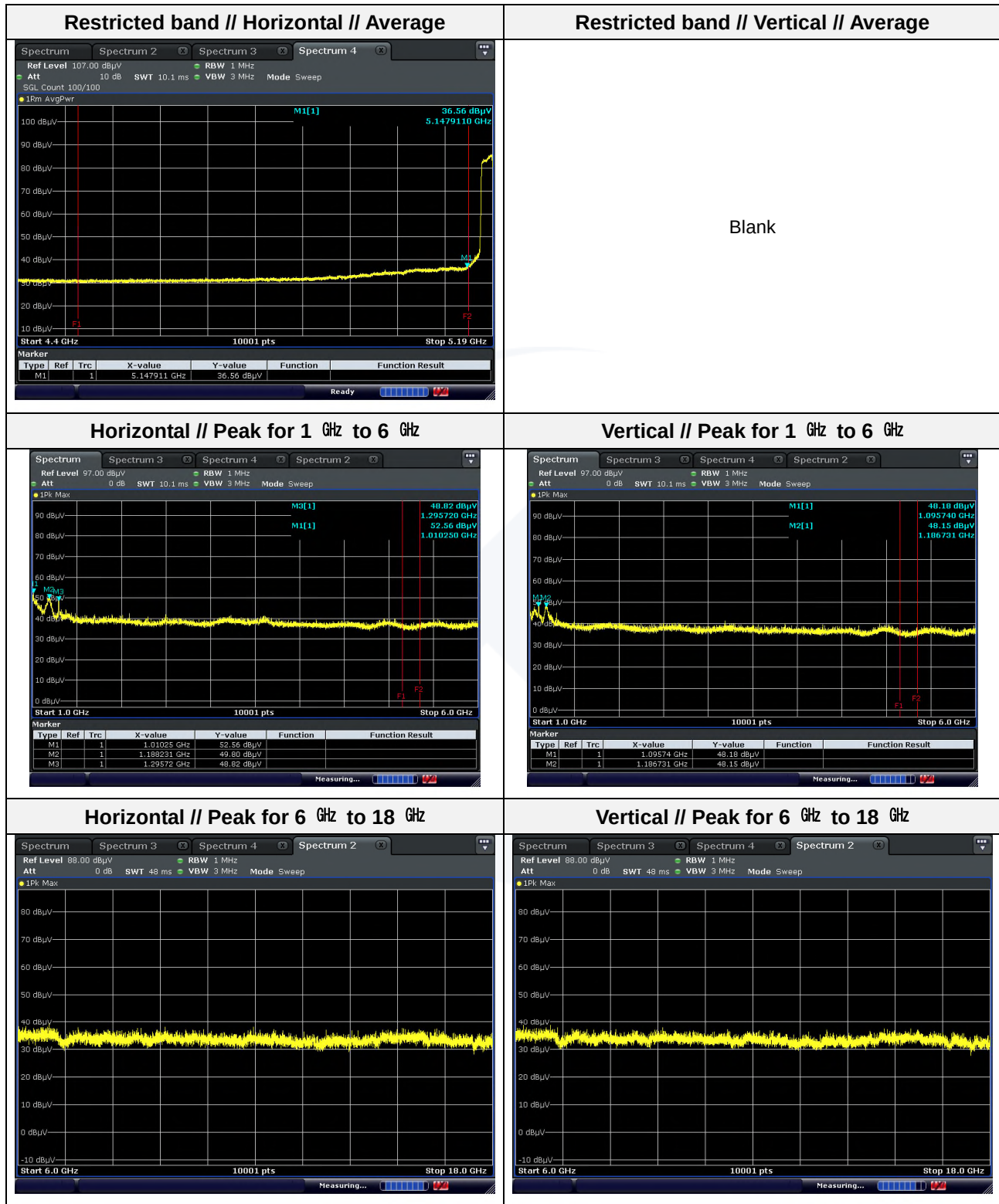
- Spurious

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)
1 010.25	52.56	Peak	H	-8.08	-	44.48	74.00	29.52
1 095.74	48.18	Peak	V	-7.58	-	40.60	74.00	33.40
1 186.73	48.15	Peak	V	-7.03	-	41.12	74.00	32.88
1 188.23	49.80	Peak	H	-7.03	-	42.77	74.00	31.23
1 295.72	48.82	Peak	H	-6.26	-	42.56	74.00	31.44

- 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)
5 116.47	43.46	Peak	V	7.47	-	50.93	74.00	23.07
5 147.91	50.50	Peak	H	7.54	-	58.04	74.00	15.96
5 147.91	36.56	Average	H	7.54	0.86	44.96	54.00	9.04





Note.

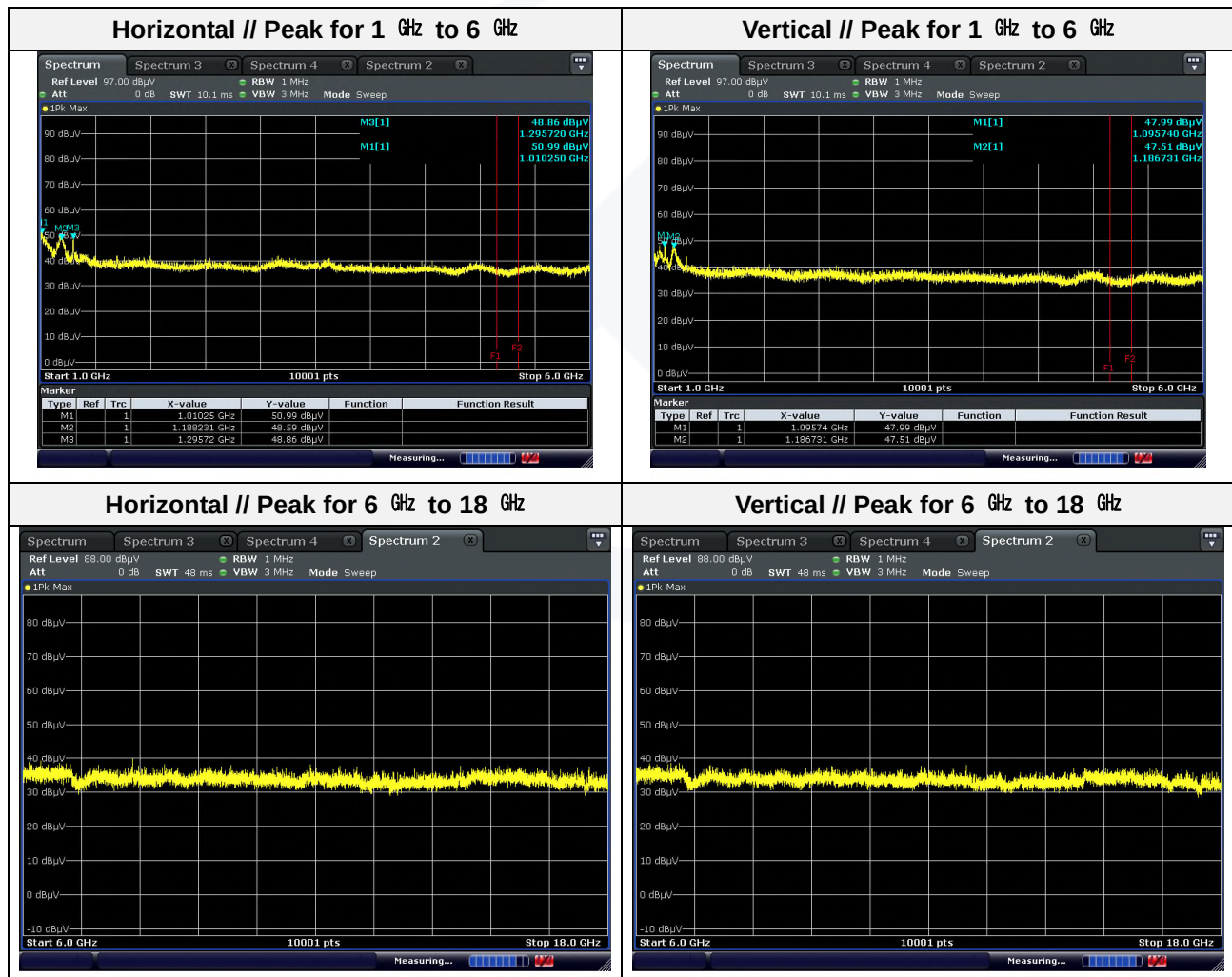
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



Mode: SISO_802.11n_HT40_Ant 1
Distance of measurement: 3 meter
Channel: UNII-1 / 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)
1 010.25	50.99	Peak	H	-8.08	-	42.91	74.00	31.09
1 095.74	47.99	Peak	V	-7.58	-	40.41	74.00	33.59
1 186.73	47.51	Peak	V	-7.03	-	40.48	74.00	33.52
1 188.23	48.59	Peak	H	-7.03	-	41.56	74.00	32.44
1 295.72	48.86	Peak	H	-6.26	-	42.60	74.00	31.40



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.



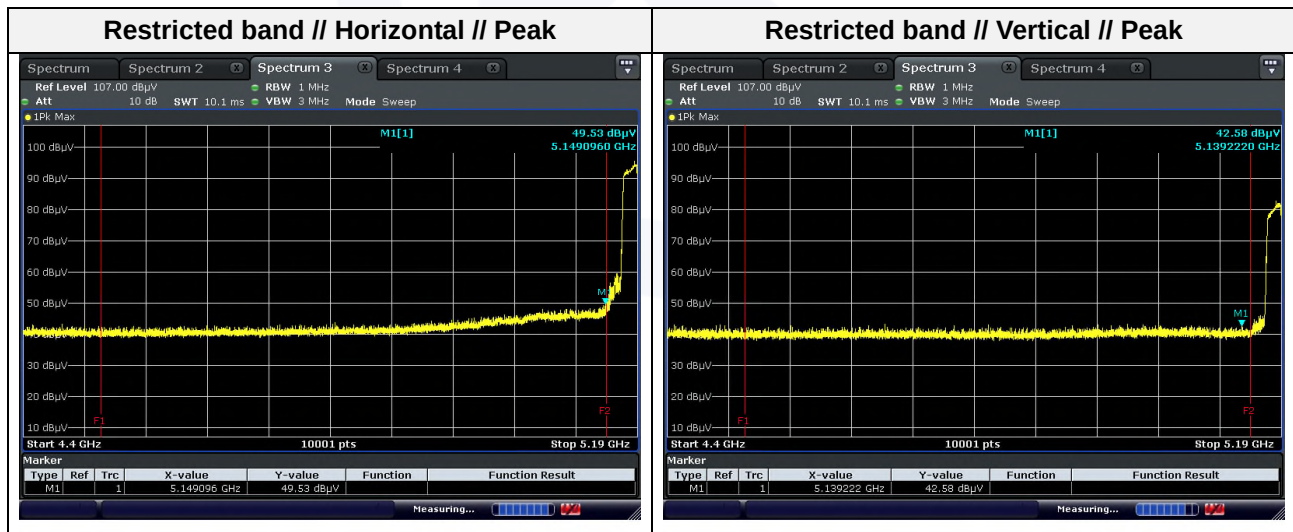
Mode: SISO_802.11n_HT40_Ant 2
Distance of measurement: 3 meter
Channel: UNII-1 / 38

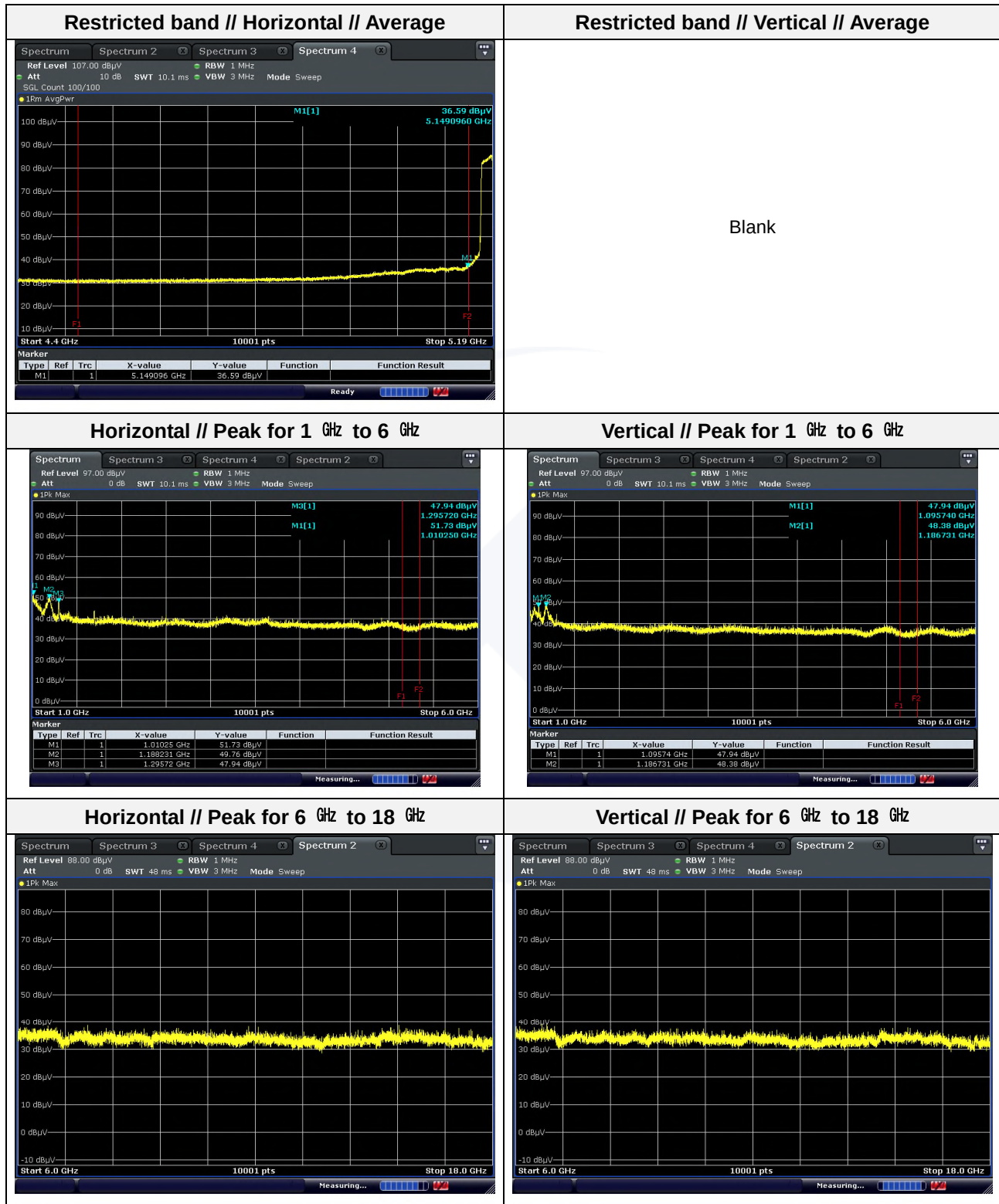
- Spurious

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)
1 010.25	51.73	Peak	H	-8.08	-	43.65	74.00	30.35
1 095.74	47.94	Peak	V	-7.58	-	40.36	74.00	33.64
1 186.73	48.38	Peak	V	-7.03	-	41.35	74.00	32.65
1 188.23	49.76	Peak	H	-7.03	-	42.73	74.00	31.27
1 295.72	47.94	Peak	H	-6.26	-	41.68	74.00	32.32

- 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)
5 139.22	42.58	Peak	V	7.52	-	50.10	74.00	23.90
5 149.10	49.53	Peak	H	7.54	-	57.07	74.00	16.93
5 149.10	36.59	Average	H	7.54	0.86	44.99	54.00	9.01





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.