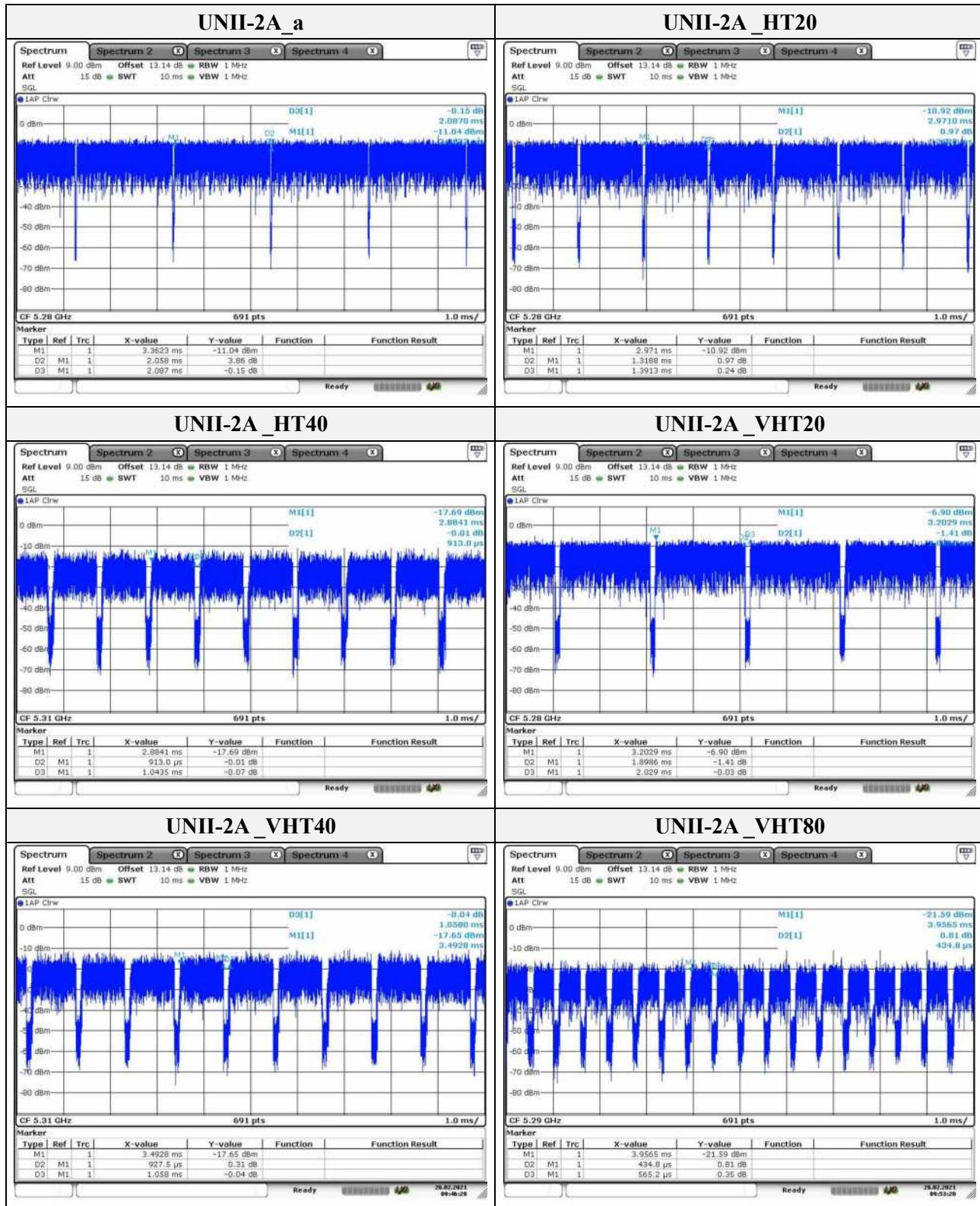


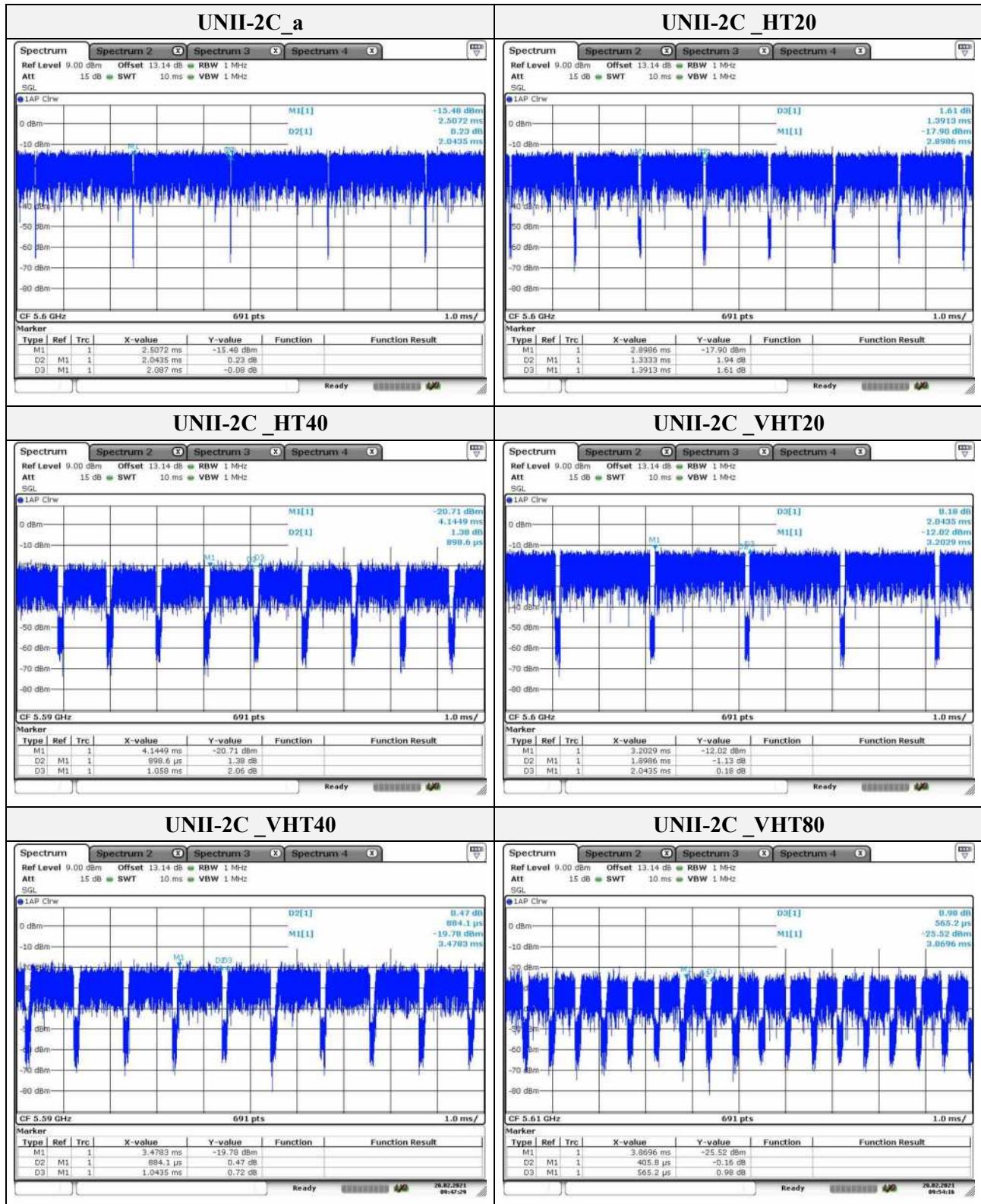
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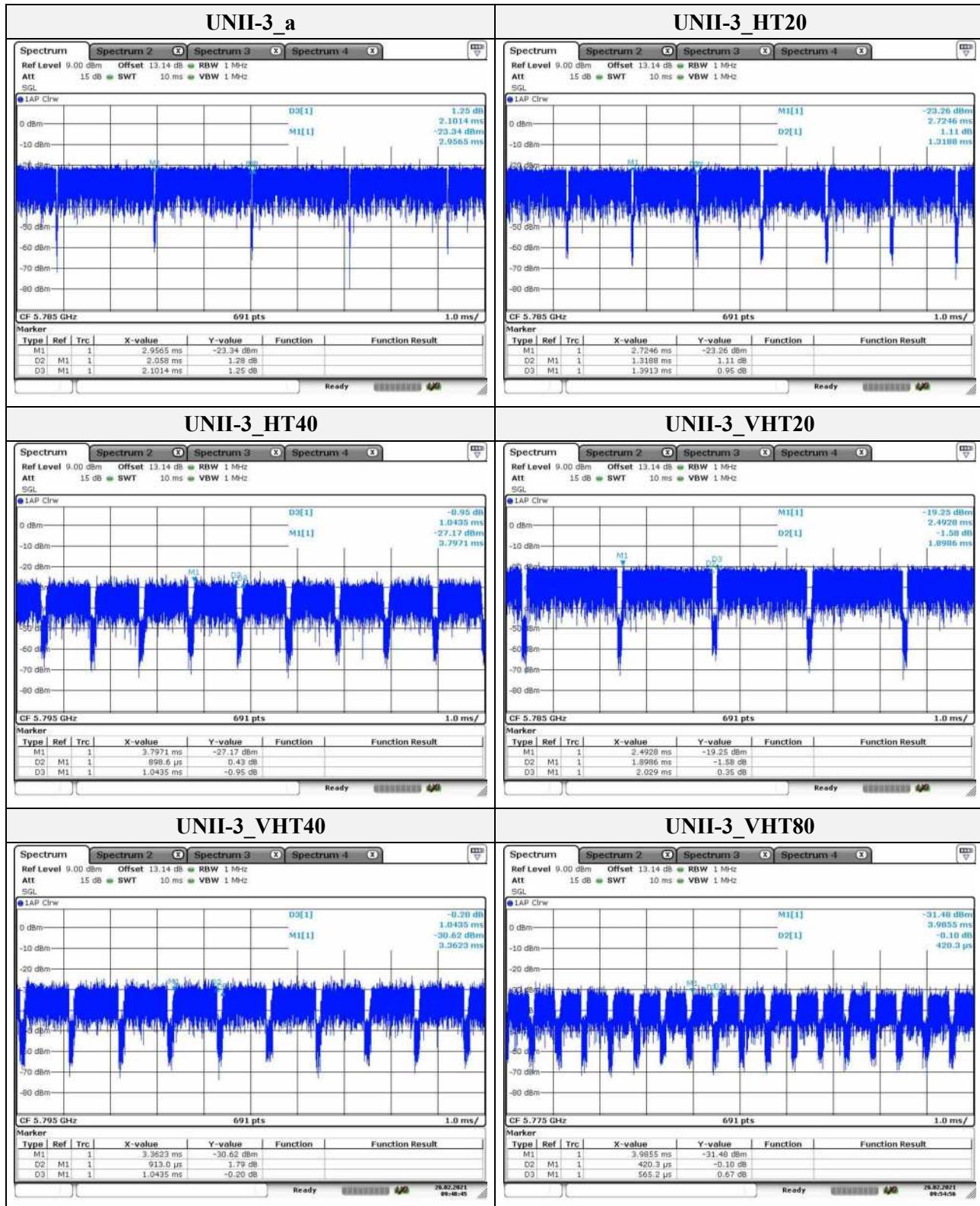


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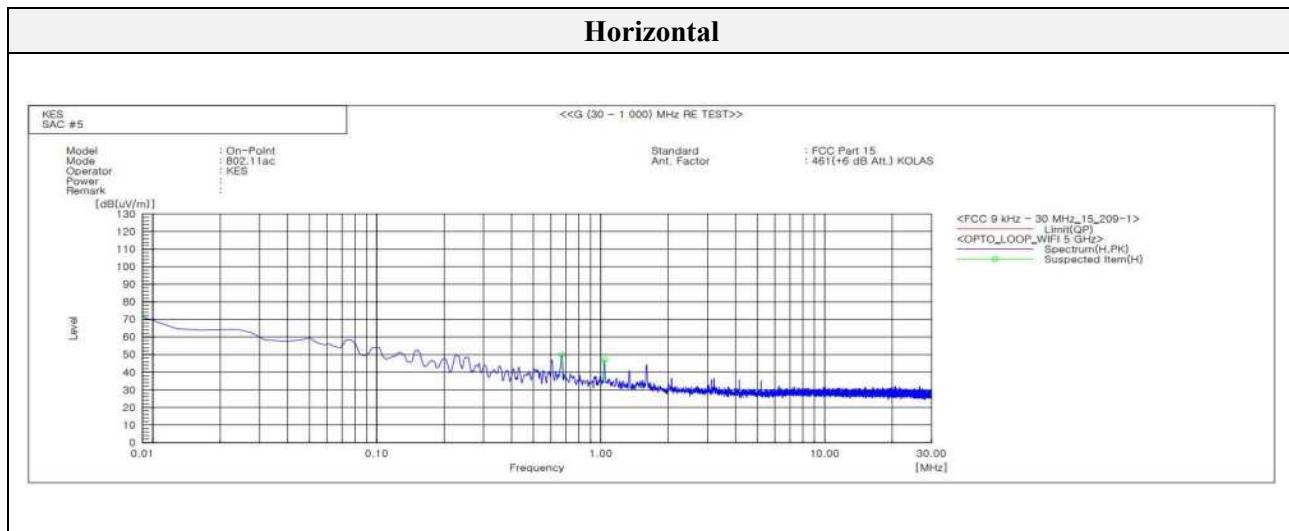


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Test results (Below 30 MHz) – Worst case

Mode: UNII-1 (11ac_VHT20)
 Distance of measurement: 3 meter
 Channel: 36

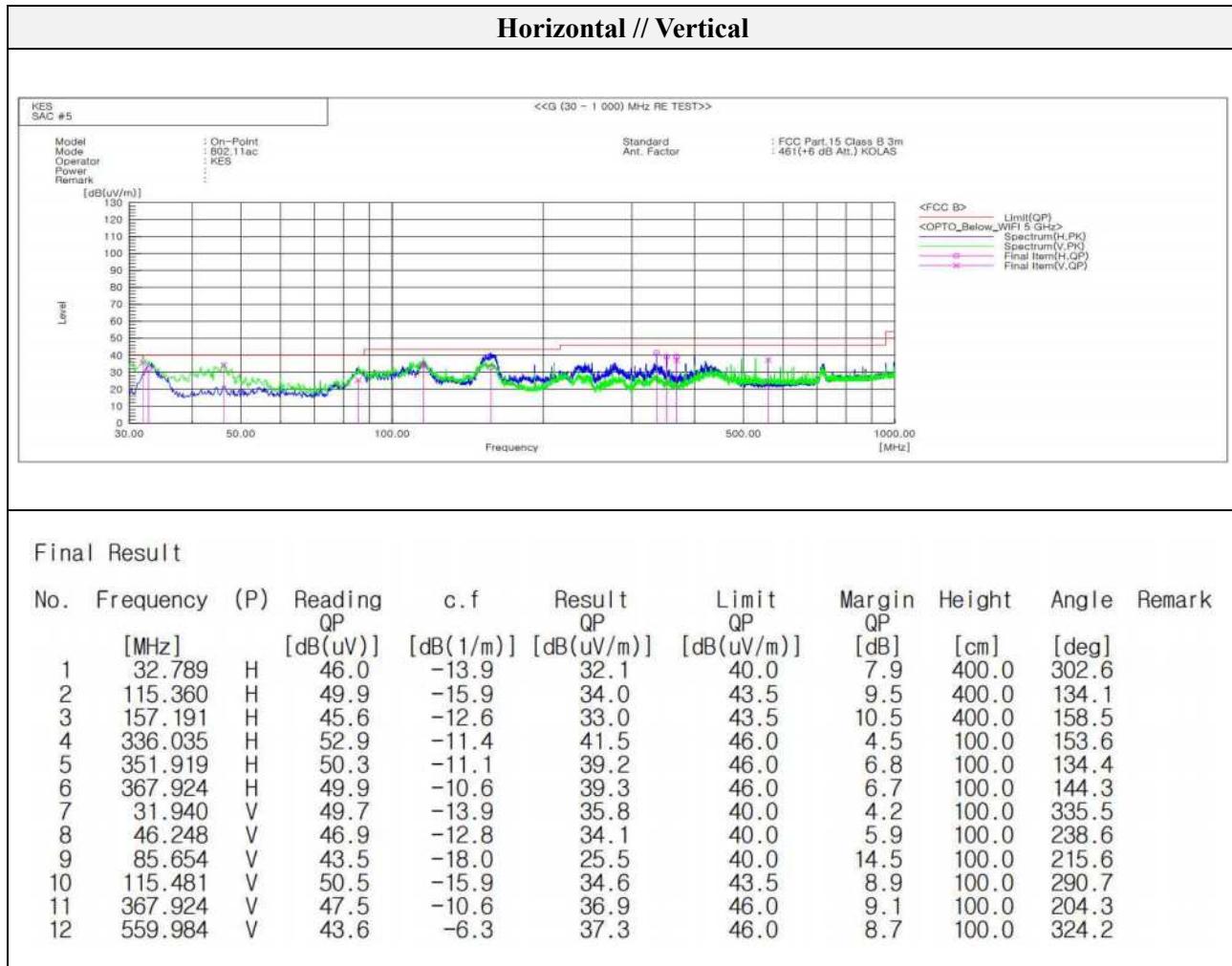
Frequency (MHz)	Level (dB μ V)	Ant. Pol. (H/V)	CF (dB)	Distance factor (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
0.009	52.10	H	19.30	-80.00	-8.60	48.50	57.10
0.673	29.50	H	20.40	-40.00	9.90	31.10	21.20
1.040	26.50	H	20.70	-40.00	7.20	27.30	20.10



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Test results (Below 1 000 MHz) – Worst case

Mode: UNII-1 (11ac_VHT20)
 Distance of measurement: 3 meter
 Channel: 36



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Test results (Above 1 000 MHz)

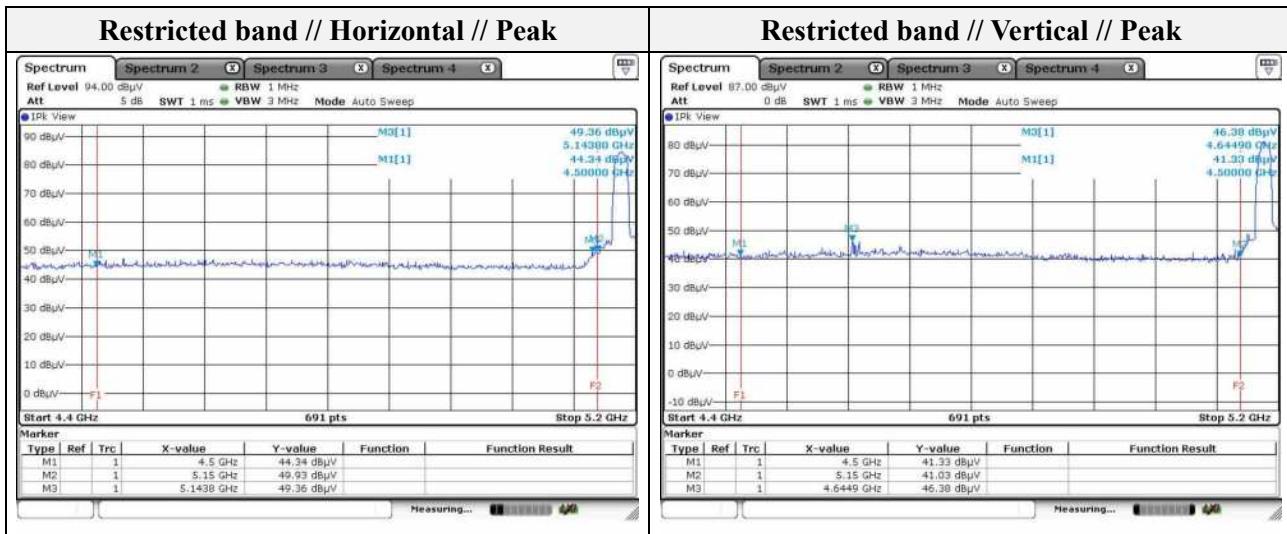
Mode: UNII-1
 Distance of measurement: 3 meter
 Channel: 36

- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 199.00	49.65	Peak	H	-8.09	-	41.56	74.00	32.44
1 662.10	52.86	Peak	H	-4.85	-	48.01	74.00	25.99

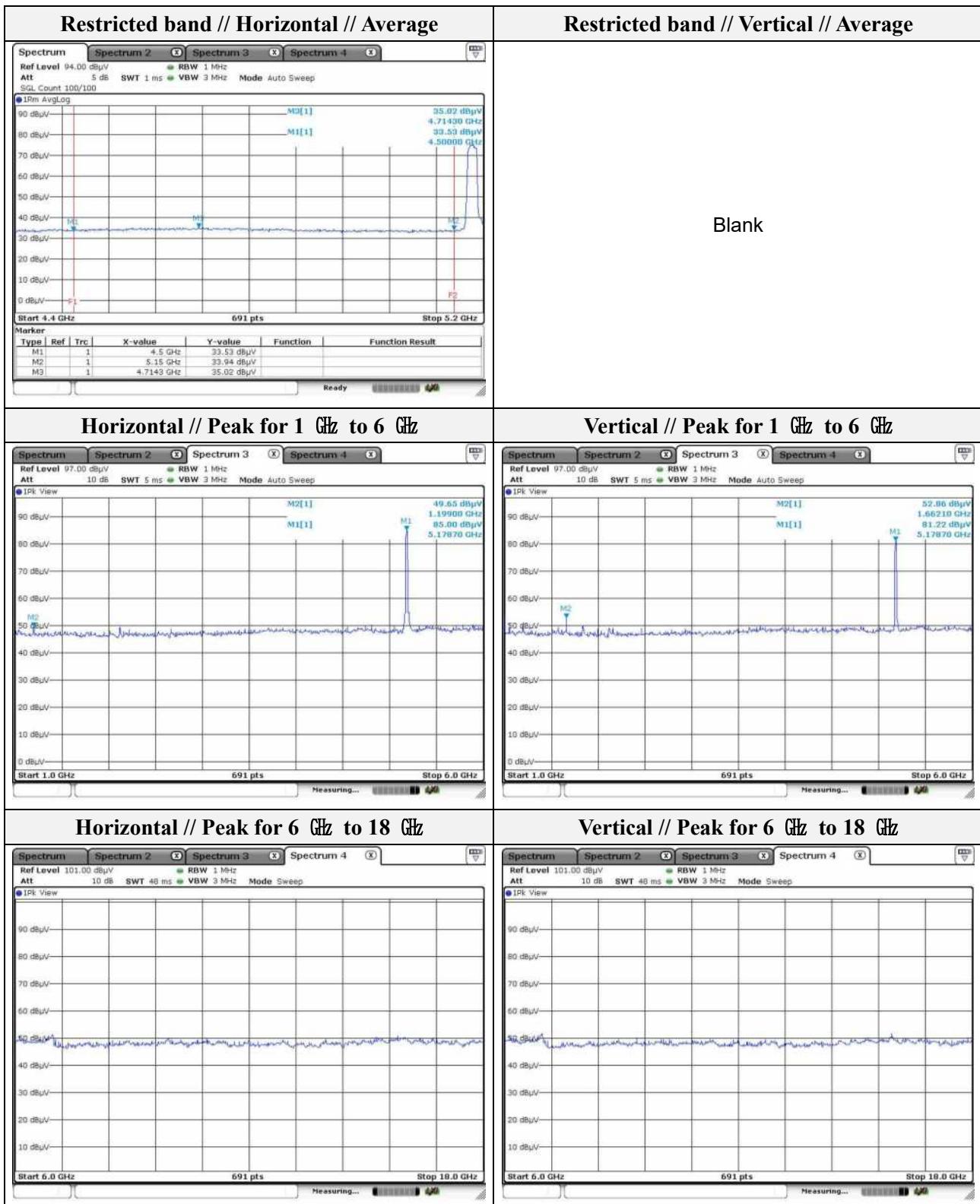
- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
5 143.80	49.36	Peak	H	8.75	-	58.11	74.00	15.89
4 644.90	46.38	Peak	V	5.90	-	52.28	74.00	21.72
4 714.30	35.02	Average	V	6.48	-	41.50	54.00	12.50



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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.

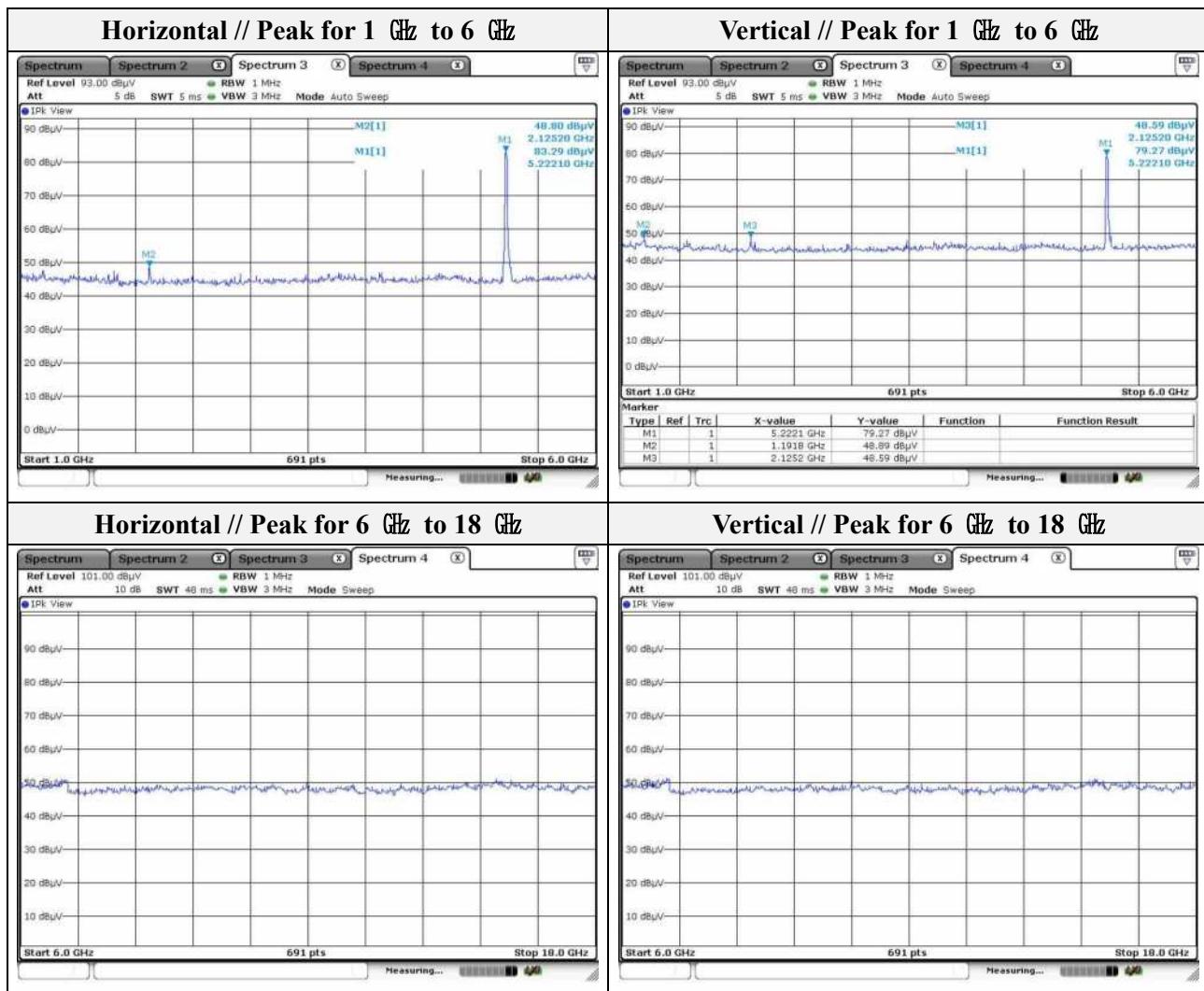
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Mode: UNII-1
 Distance of measurement: 3 meter
 Channel: 44

- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
2 125.20	48.80	Peak	H	-1.00	-	47.80	68.20	20.40
1 191.80	48.89	Peak	V	-8.13	-	40.76	74.00	33.24
2 125.20	48.59	Peak	V	-1.00	-	47.59	68.20	20.61


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.

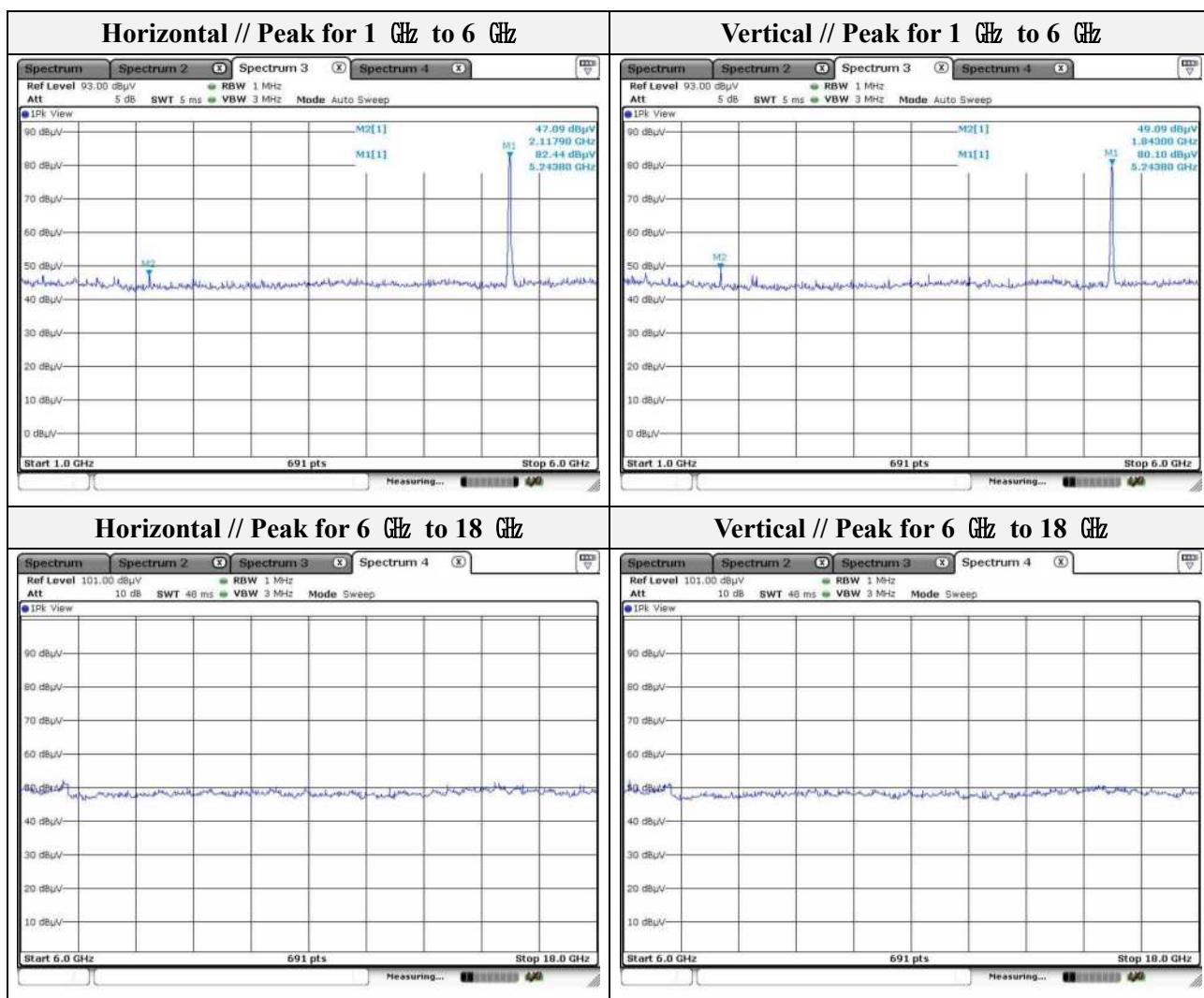
Mode: UNII-1

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 N/m)	Limit (dB μ N/m)	Margin (dB)
2 117.90	47.09	Peak	H	-1.01	-	46.08	68.20	22.12
1 843.00	49.09	Peak	H	-2.98	-	46.11	68.20	22.09



Note.

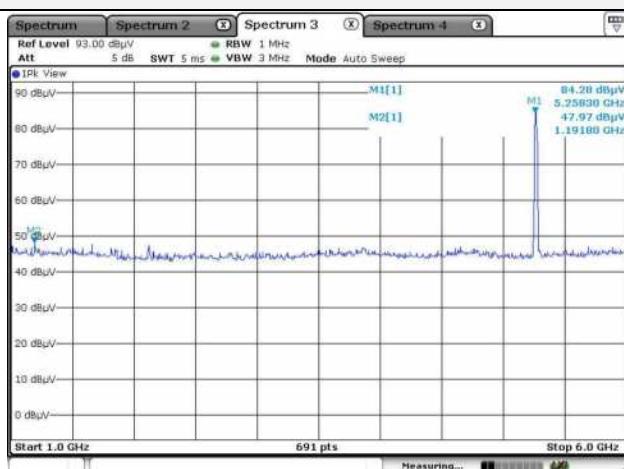
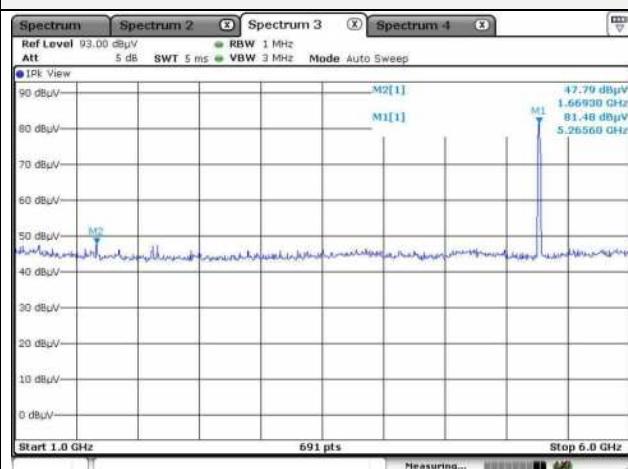
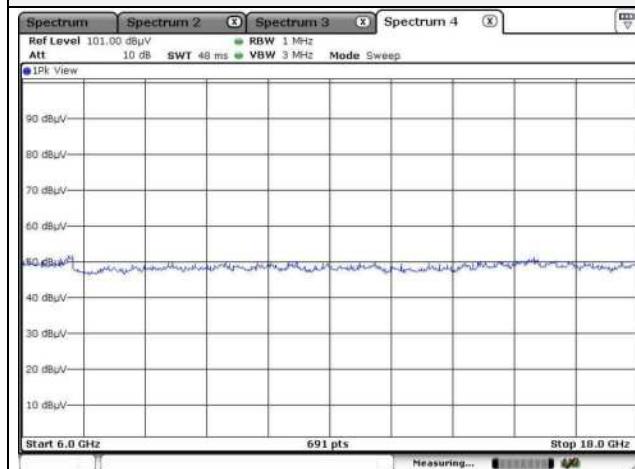
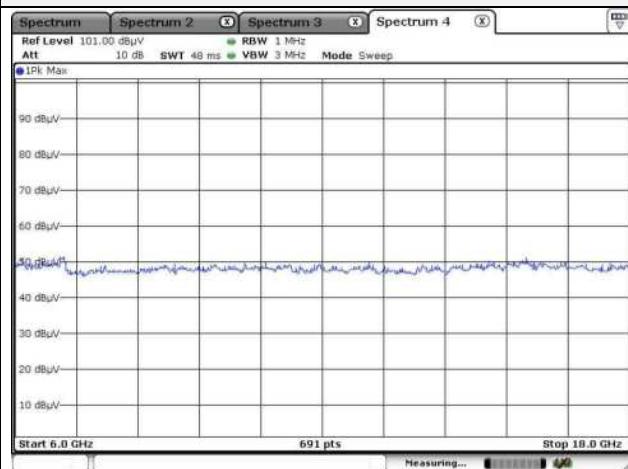
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.

Mode: UNII-2A

 Distance of measurement: 3 meter

 Channel: 52
- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 191.80	47.97	Peak	H	-8.13	-	39.84	74.00	34.16
1 669.30	47.79	Peak	V	-4.78	-	43.01	74.00	30.99

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.

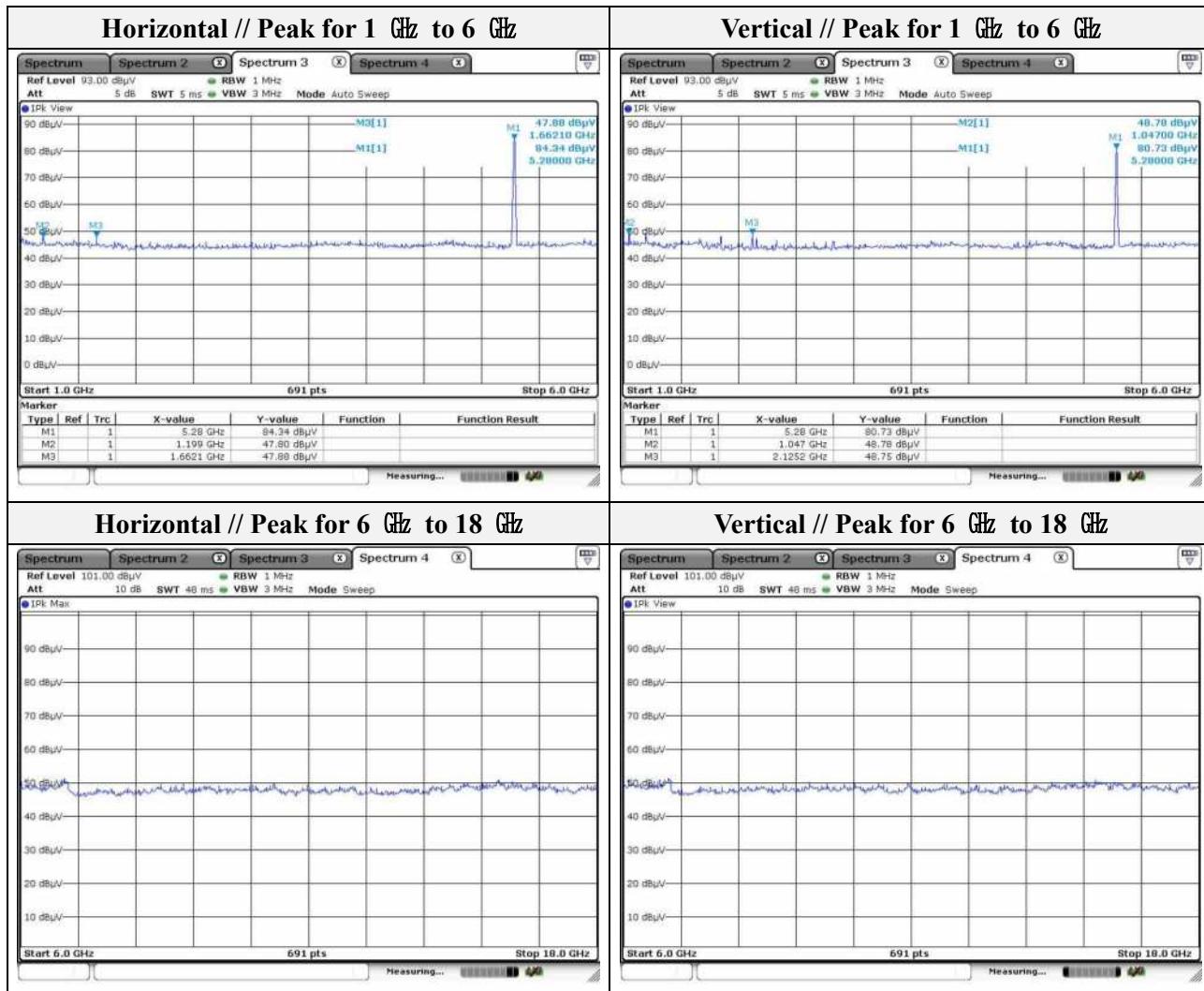
Mode: UNII-2A

Distance of measurement: 3 meter

Channel: 56

- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 199.00	47.80	Peak	H	-8.09	-	39.71	74.00	34.29
1 662.10	47.88	Peak	H	-4.85	-	43.03	74.00	30.97
1 047.00	48.78	Peak	V	-8.86	-	39.92	74.00	34.08
2 125.20	48.75	Peak	V	-1.00	-	47.75	68.20	20.45


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.

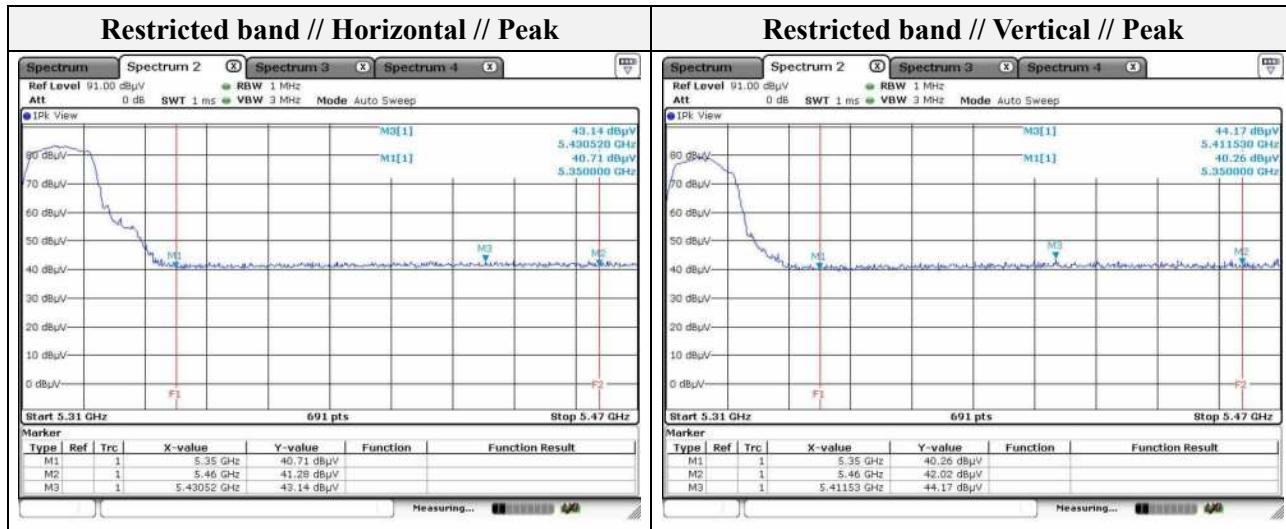
Mode: UNII-2A
 Distance of measurement: 3 meter
 Channel: 64

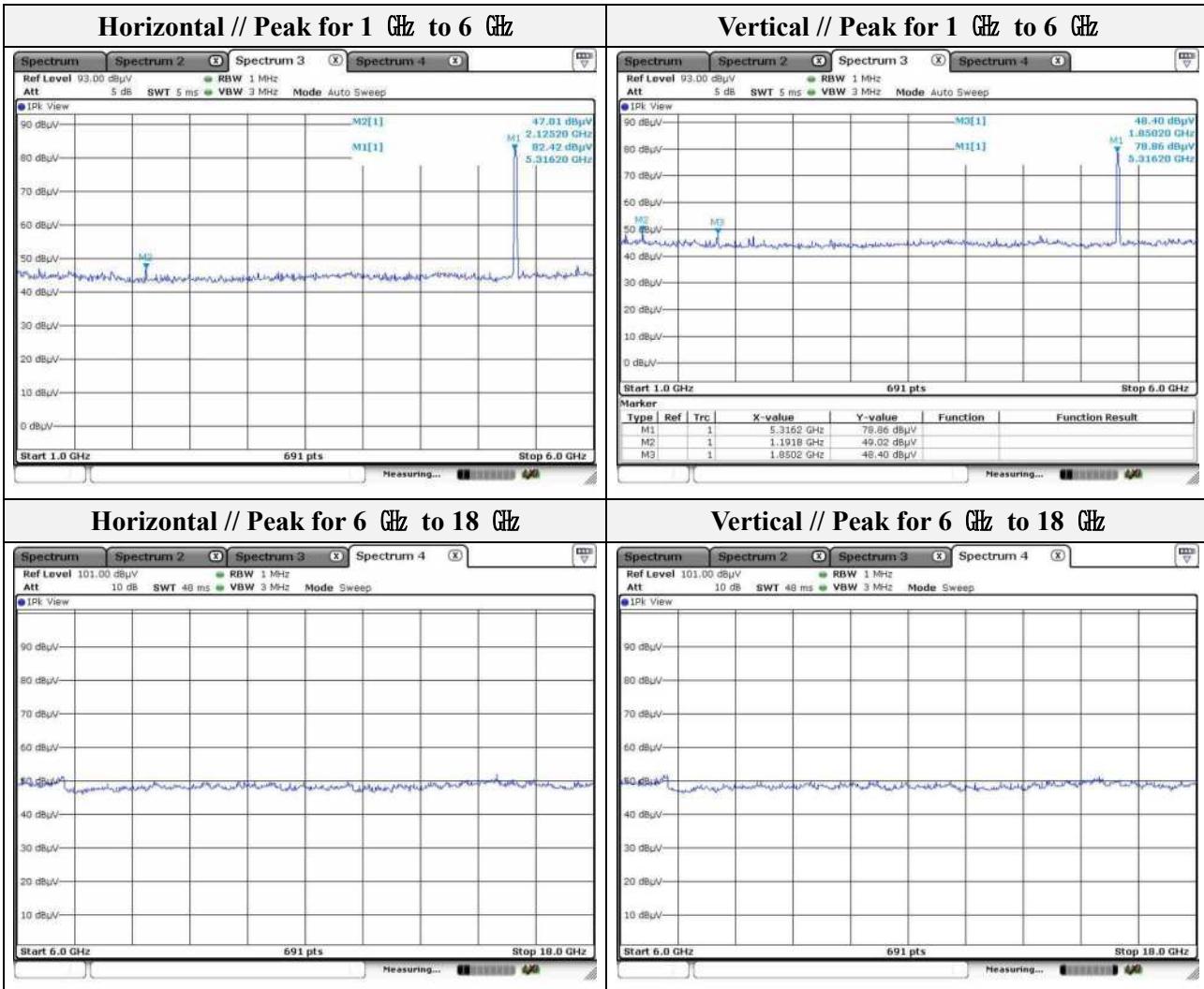
- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
2 125.20	47.01	Peak	H	-1.00	-	46.01	68.20	22.19
1 191.80	49.20	Peak	V	-8.13	-	41.07	74.00	32.93
1 850.20	48.40	Peak	V	-2.90	-	45.50	68.20	22.70

- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
5 430.52	43.14	Peak	H	8.56	-	51.70	74.00	22.30
5 411.53	44.17	Peak	V	8.58	-	52.75	74.00	21.25





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.

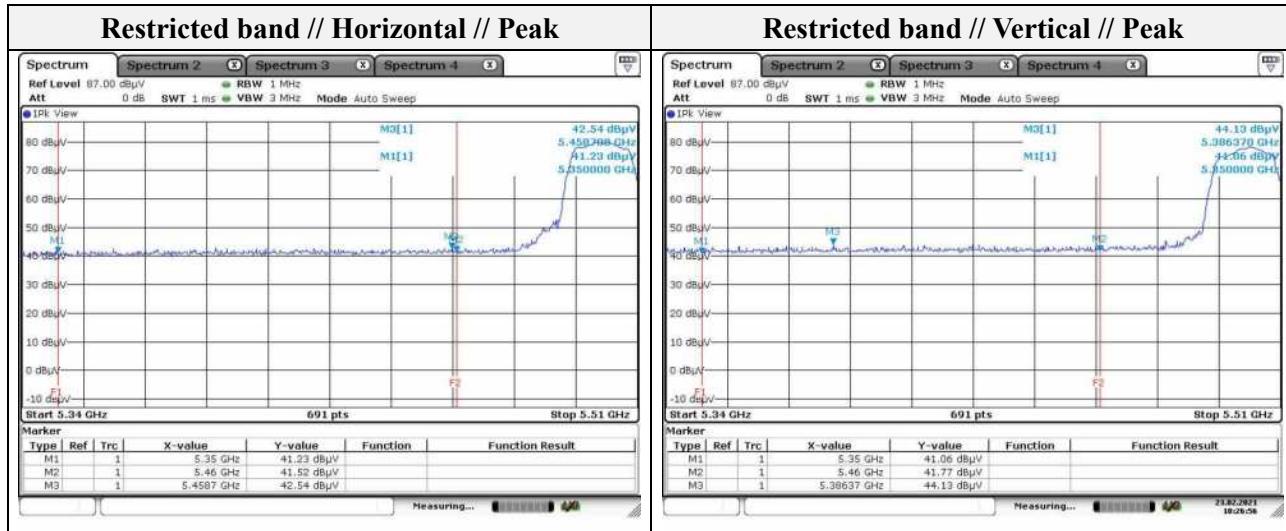
Mode: UNII-2C
 Distance of measurement: 3 meter
 Channel: 100

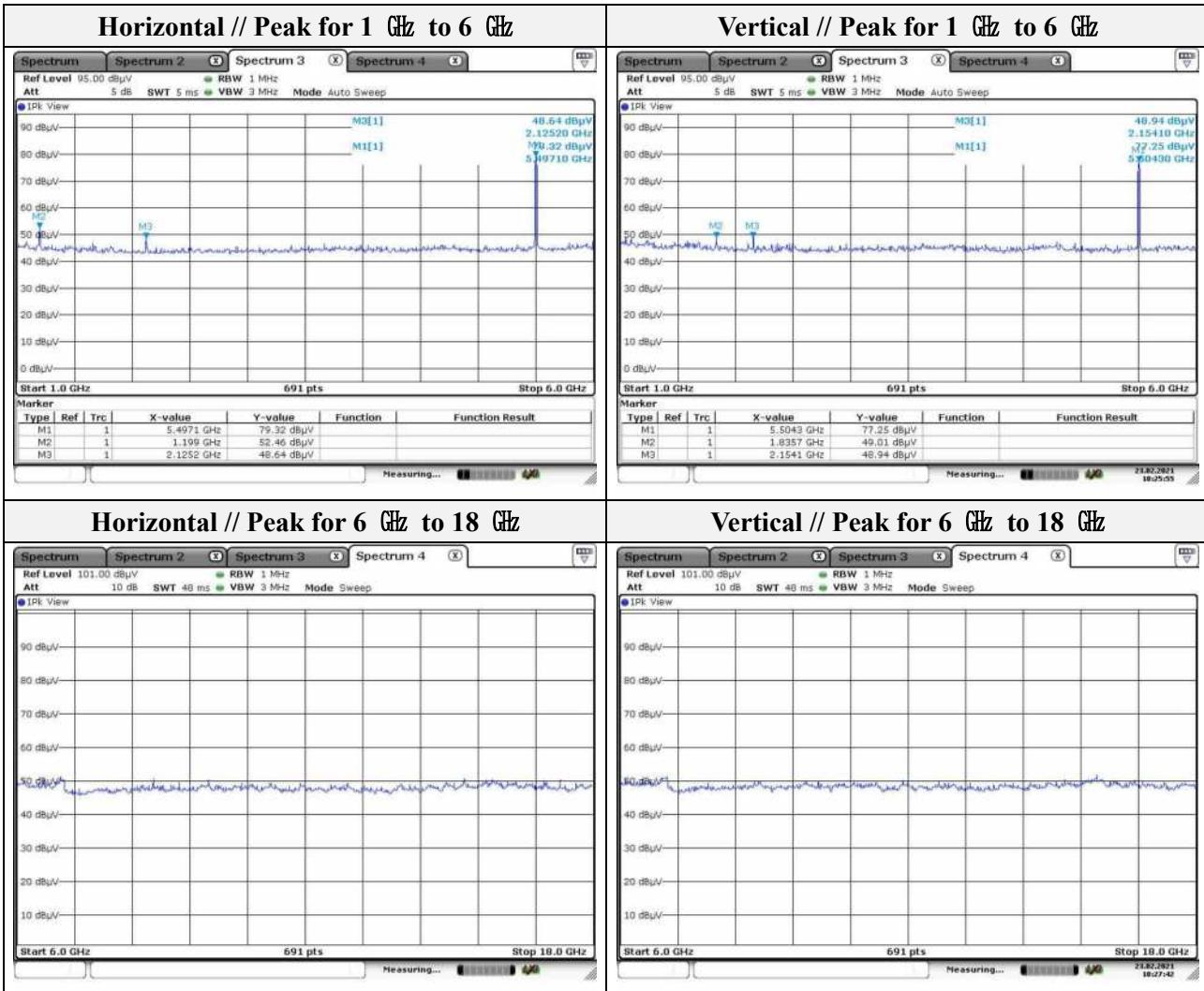
- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 199.00	52.46	Peak	H	-8.09	-	44.37	74.00	29.63
2 125.20	57.19	Peak	H	-1.00	-	47.64	68.20	20.56
1 835.70	49.01	Peak	V	-3.06	-	45.95	68.20	22.25
2 154.10	48.94	Peak	V	-0.94	-	48.00	68.20	20.20

- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
5 458.70	42.54	Peak	H	8.54	-	51.08	74.00	22.92
5 386.37	44.13	Peak	V	8.59	-	52.72	74.00	21.28





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.

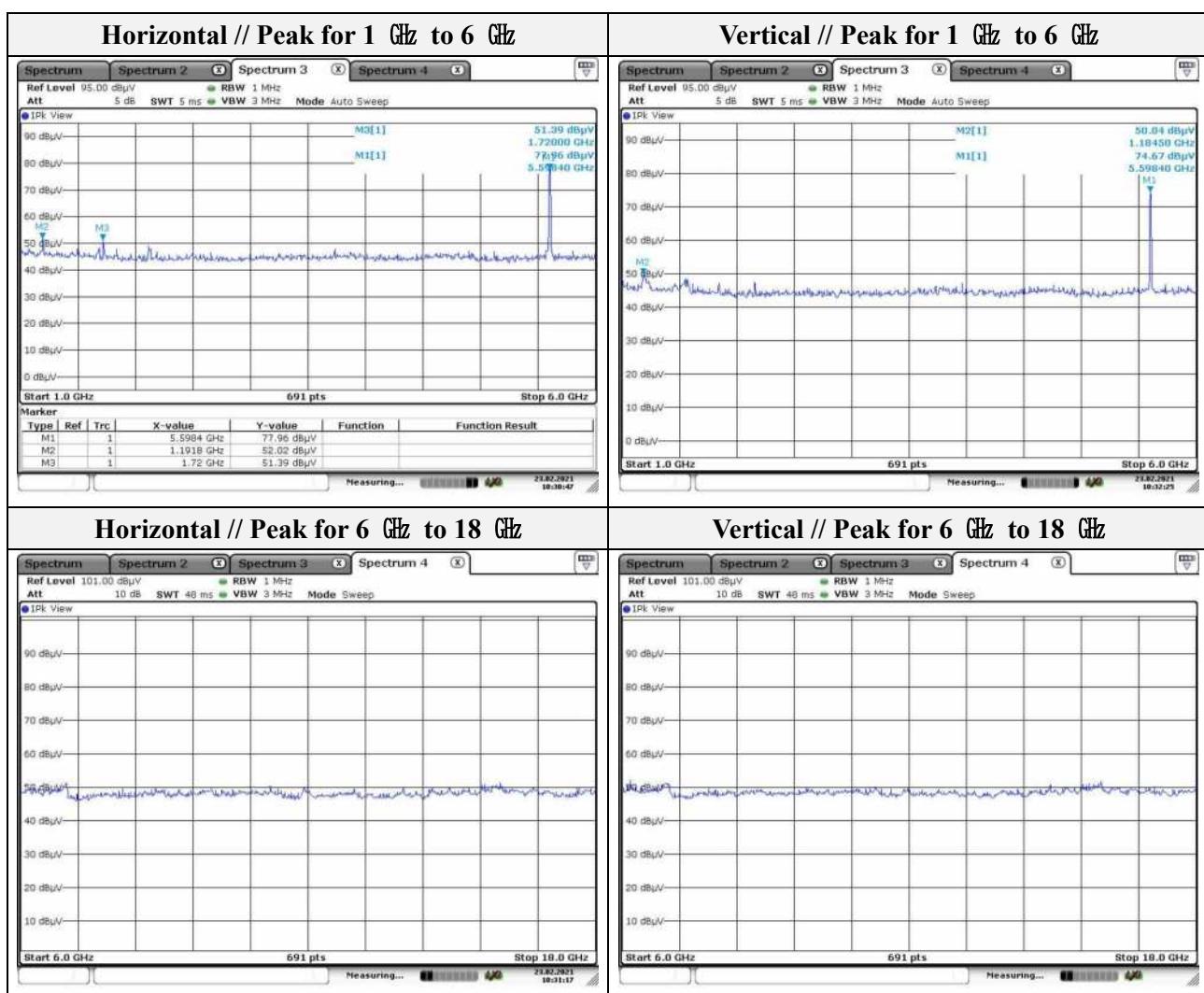
Mode: UNII-2C

Distance of measurement: 3 meter

Channel: 120

- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 191.80	52.02	Peak	H	-8.13	-	43.89	74.00	30.11
1 720.00	51.39	Peak	H	-4.27	-	47.12	74.00	26.88
1 184.50	50.04	Peak	V	-8.16	-	41.88	74.00	32.12



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.

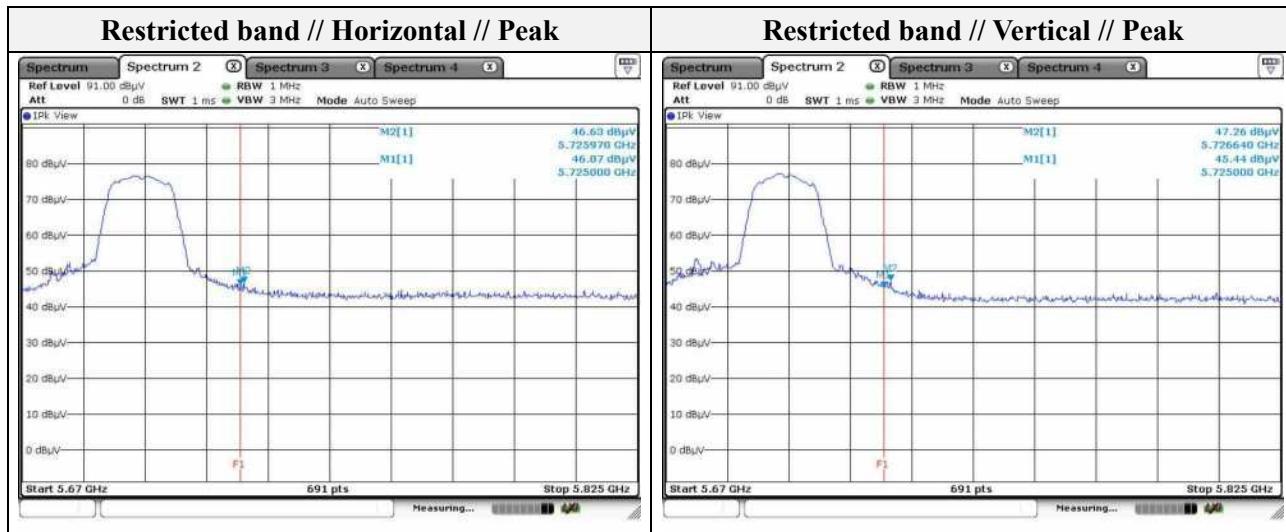
Mode: UNII-2C
 Distance of measurement: 3 meter
 Channel: 140

- Spurious

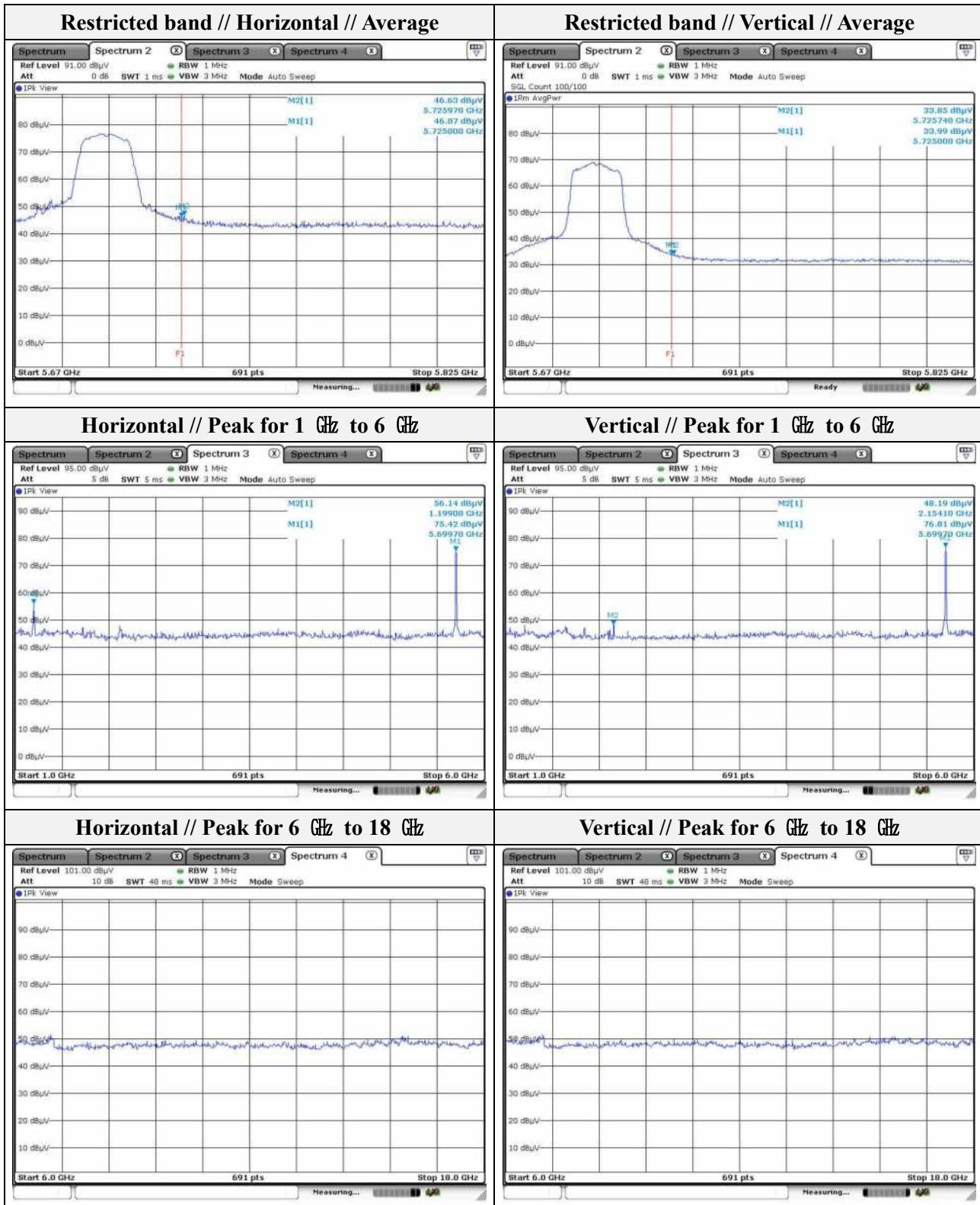
Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 199.00	56.14	Peak	H	-8.09	-	48.05	74.00	25.95
2 154.10	48.19	Peak	V	-0.94	-	47.25	68.20	20.95

- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
5 725.97	46.63	Peak	H	9.70	-	56.33	68.20	11.87
5 726.64	47.26	Peak	V	9.70	-	56.96	68.20	11.24
5 728.21	33.86	Average	H	9.71	0.09	43.66	68.20	14.54
5 725.74	33.85	Average	V	9.70	0.09	43.64	68.20	14.56



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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.

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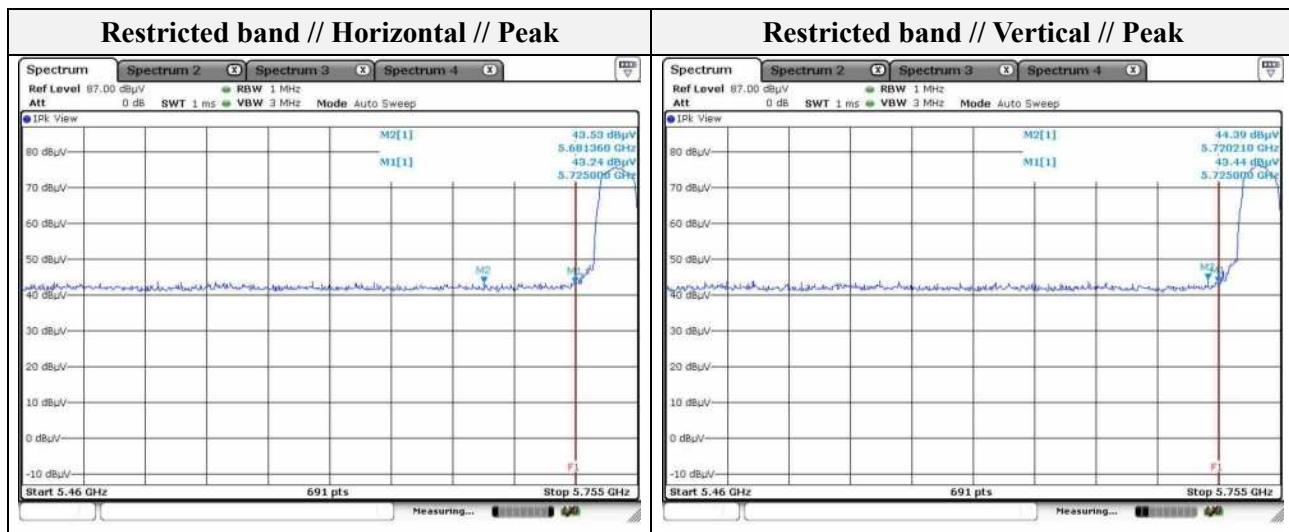
Mode: UNII-3
 Distance of measurement: 3 meter
 Channel: 149

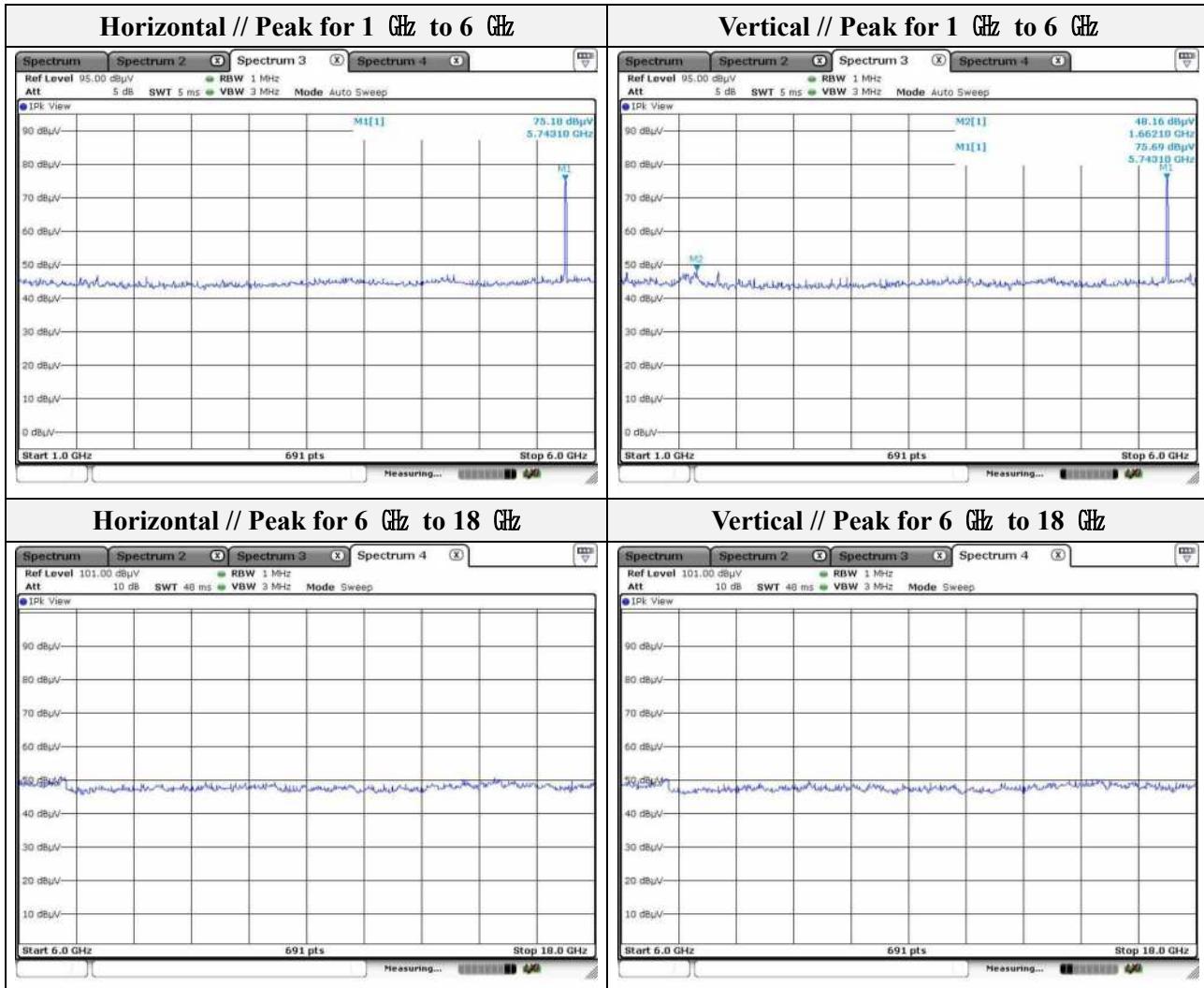
- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 662.10	48.16	Peak	V	-4.85	-	43.31	74.00	30.69

- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
5 681.36	43.53	Peak	H	10.33	-	53.86	91.44	37.58
5 725.00	43.24	Peak	H	10.26	-	53.50	122.23	68.73
5 720.21	44.39	Peak	V	10.25	-	54.64	111.31	56.67
5 725.00	43.44	Peak	V	10.26	-	53.70	122.23	68.53





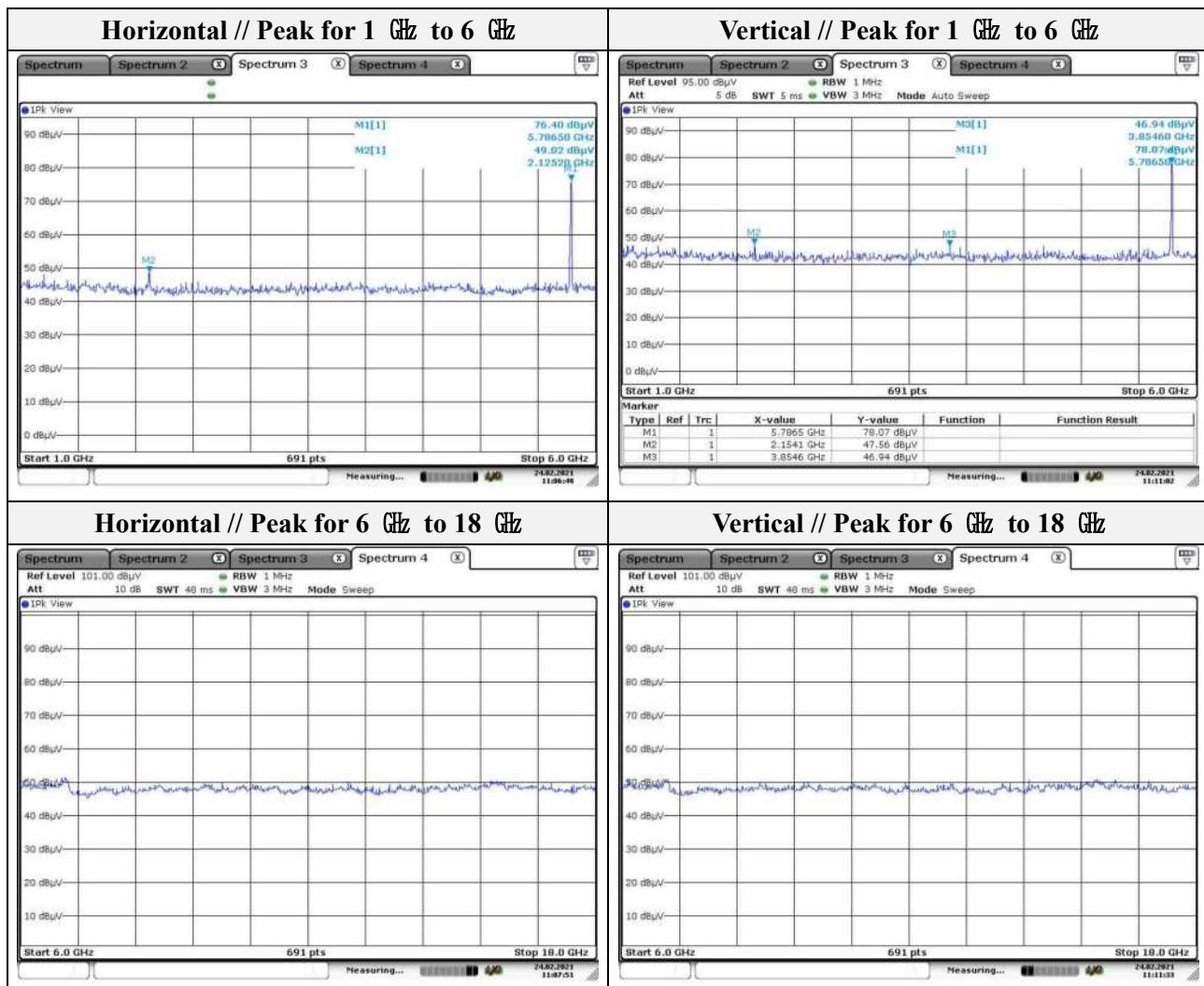
Note.

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: UNII-3
 Distance of measurement: 3 meter
 Channel: 157

- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
2 125.20	49.02	Peak	H	-1.00	-	48.02	68.20	20.18
2 154.10	47.56	Peak	V	-0.94	-	46.62	68.20	21.58
3 854.60	46.94	Peak	V	-2.87	-	49.81	74.00	24.19


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.

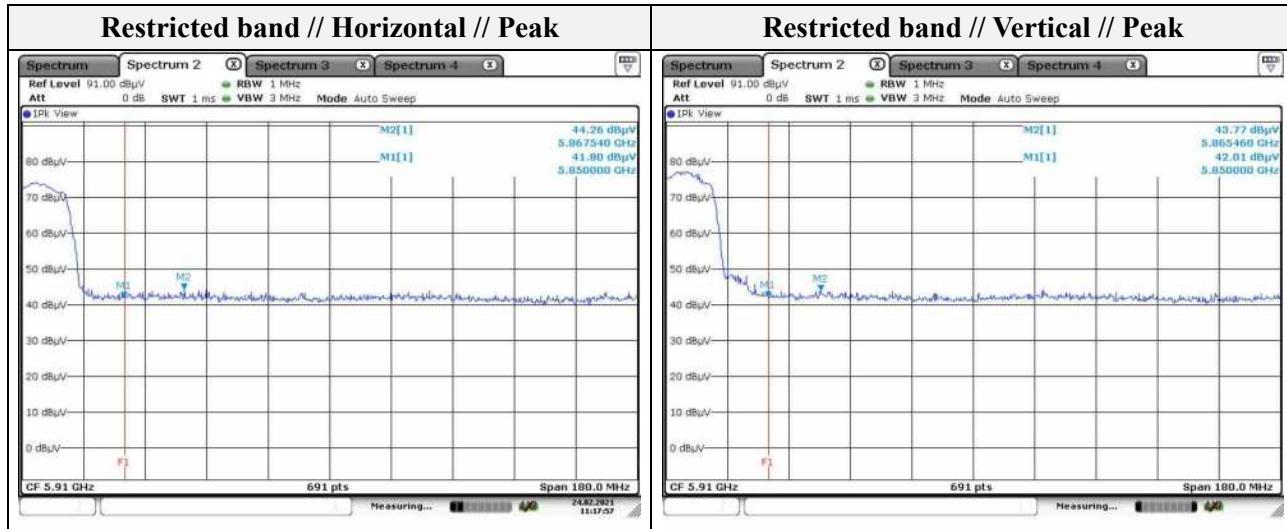
Mode: UNII-3
 Distance of measurement: 3 meter
 Channel: 165

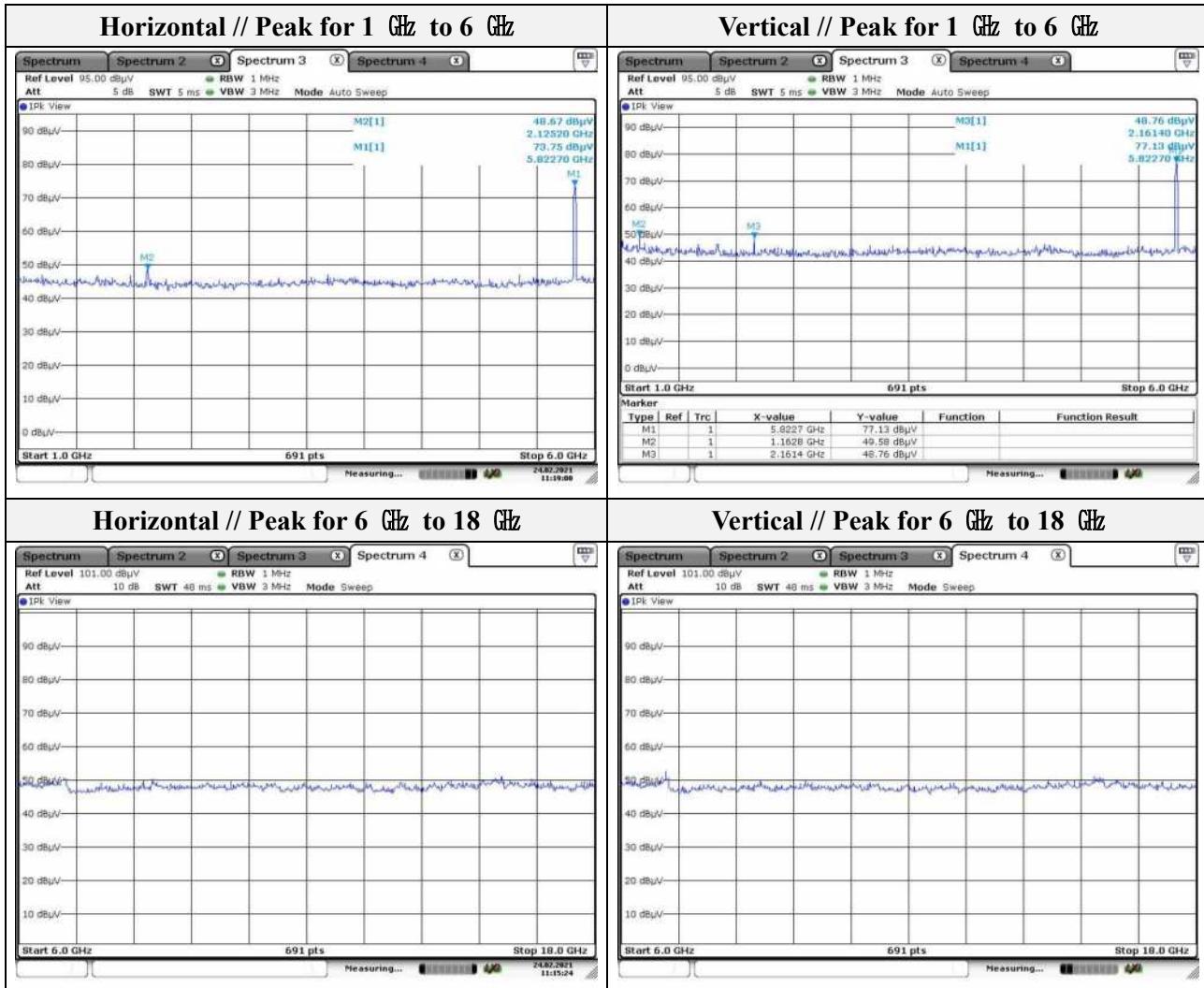
- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
2 152.20	48.67	Peak	H	-0.95	-	47.72	68.20	20.48
1 162.80	49.90	Peak	V	-8.27	-	41.63	74.00	32.37
2 161.40	48.76	Peak	V	-0.93	-	47.83	68.20	20.37

- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
5 850.00	41.80	Peak	H	10.55	-	52.35	122.23	69.88
5 867.54	44.26	Peak	H	10.51	-	54.77	89.49	34.72
5 850.00	42.01	Peak	V	10.55	-	52.56	122.23	69.67
5 857.90	43.77	Peak	V	10.53	-	54.30	93.06	38.76





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.

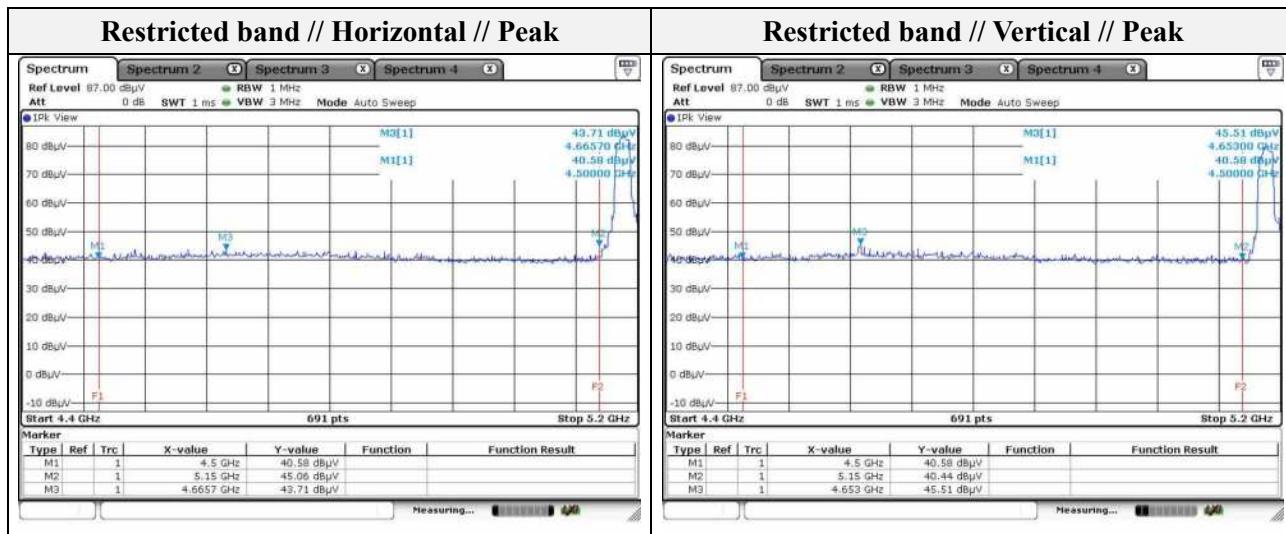
Mode: UNII-1(HT20)
 Distance of measurement: 3 meter
 Channel: 36

- 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)
1 191.80	49.47	Peak	H	-8.13	-	41.34	74.00	32.66
2 125.20	47.66	Peak	H	-1.00	-	46.66	68.20	21.54
1 199.00	47.78	Peak	V	-8.09	-	39.69	74.00	34.31
2 154.10	47.86	Peak	V	-0.94	-	46.92	68.20	21.28

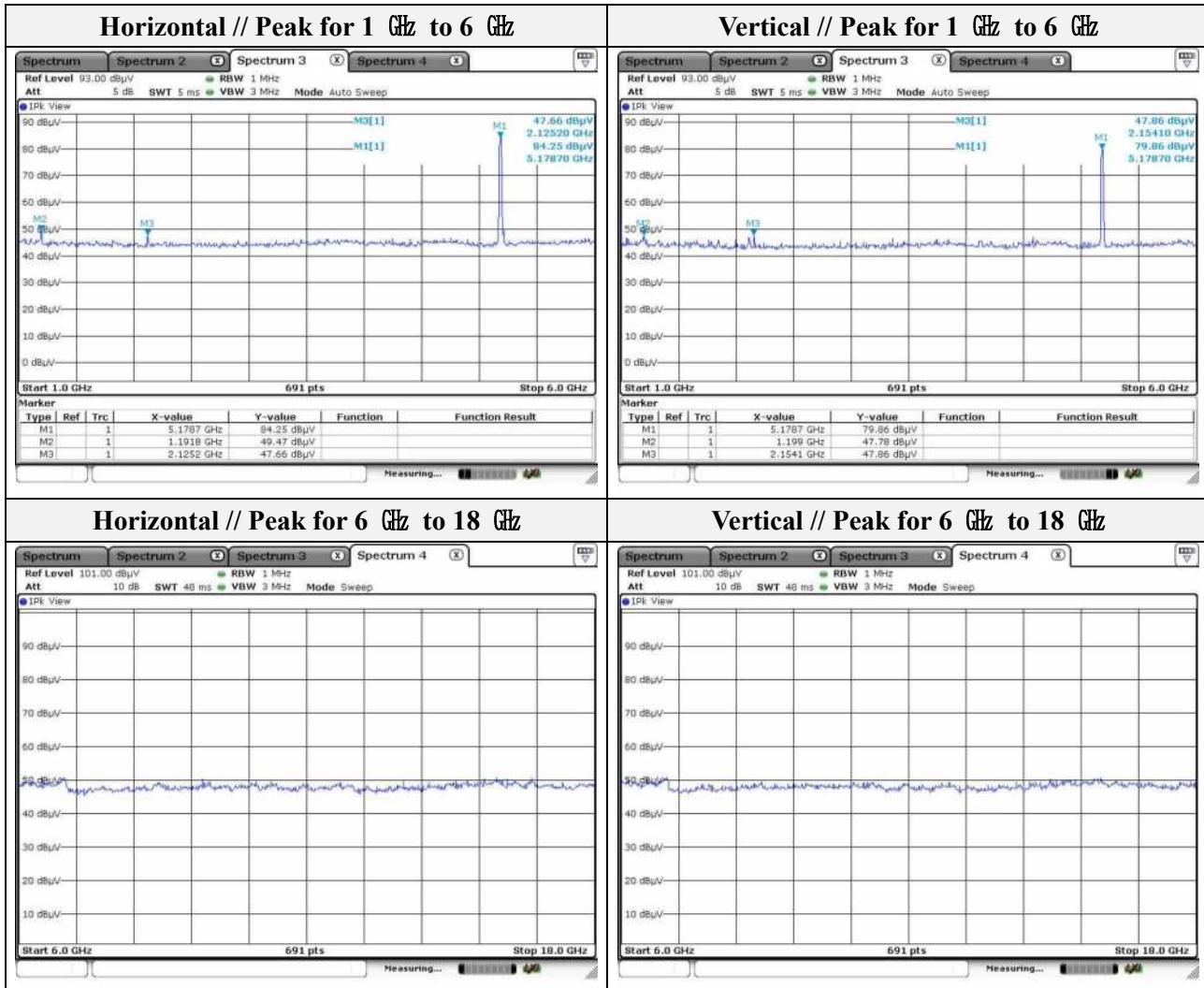
- Band edge

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)
4 665.70	43.71	Peak	H	6.08	-	49.79	74.00	24.21
4 653.00	45.51	Peak	V	5.97	-	51.48	74.00	22.52



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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.

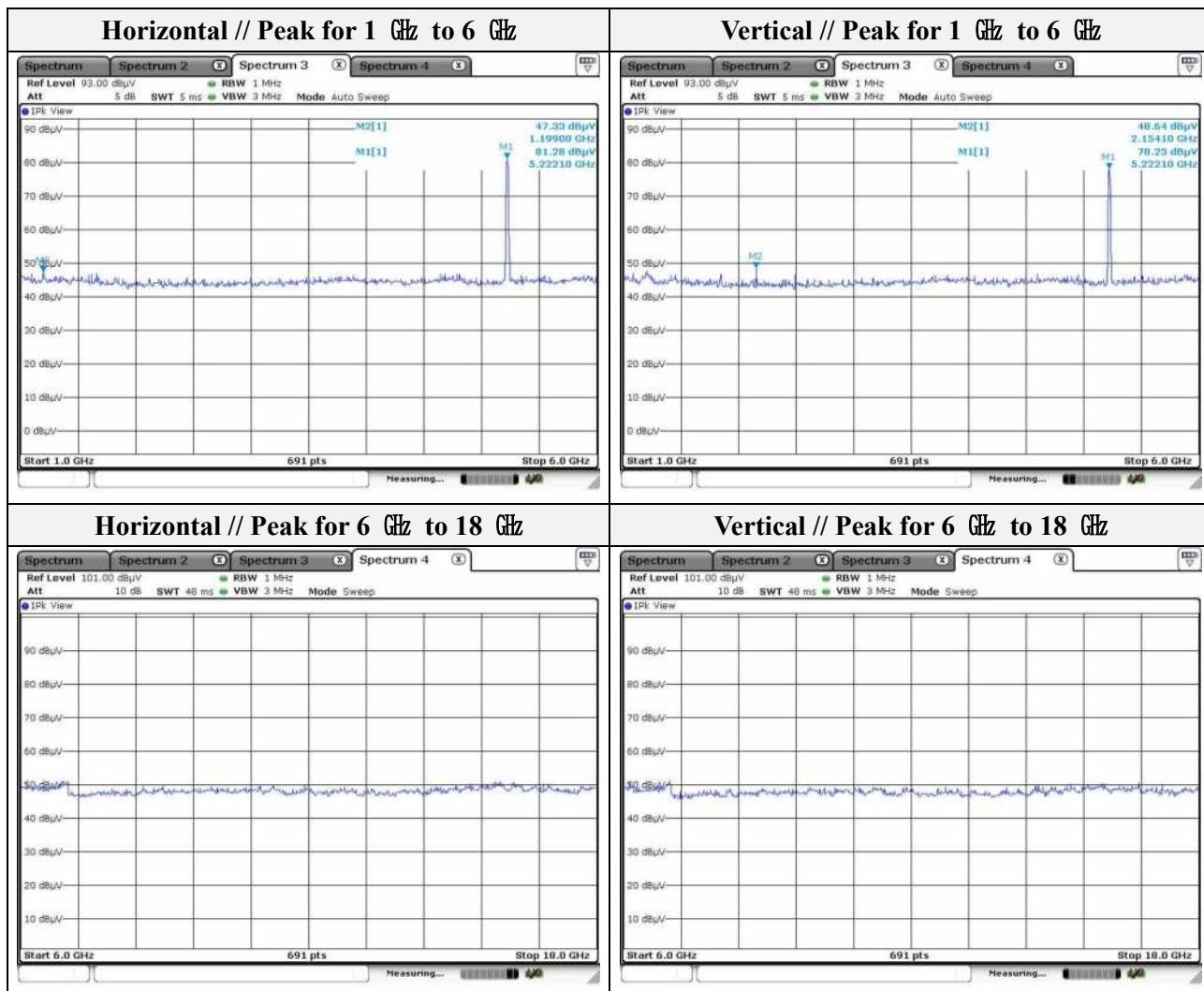
Mode: UNII-1(HT20)

Distance of measurement: 3 meter

Channel: 44

- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 199.00	47.33	Peak	H	-8.09	-	39.24	74.00	34.76
2 154.10	48.64	Peak	V	-0.94	-	47.70	68.20	20.50



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.

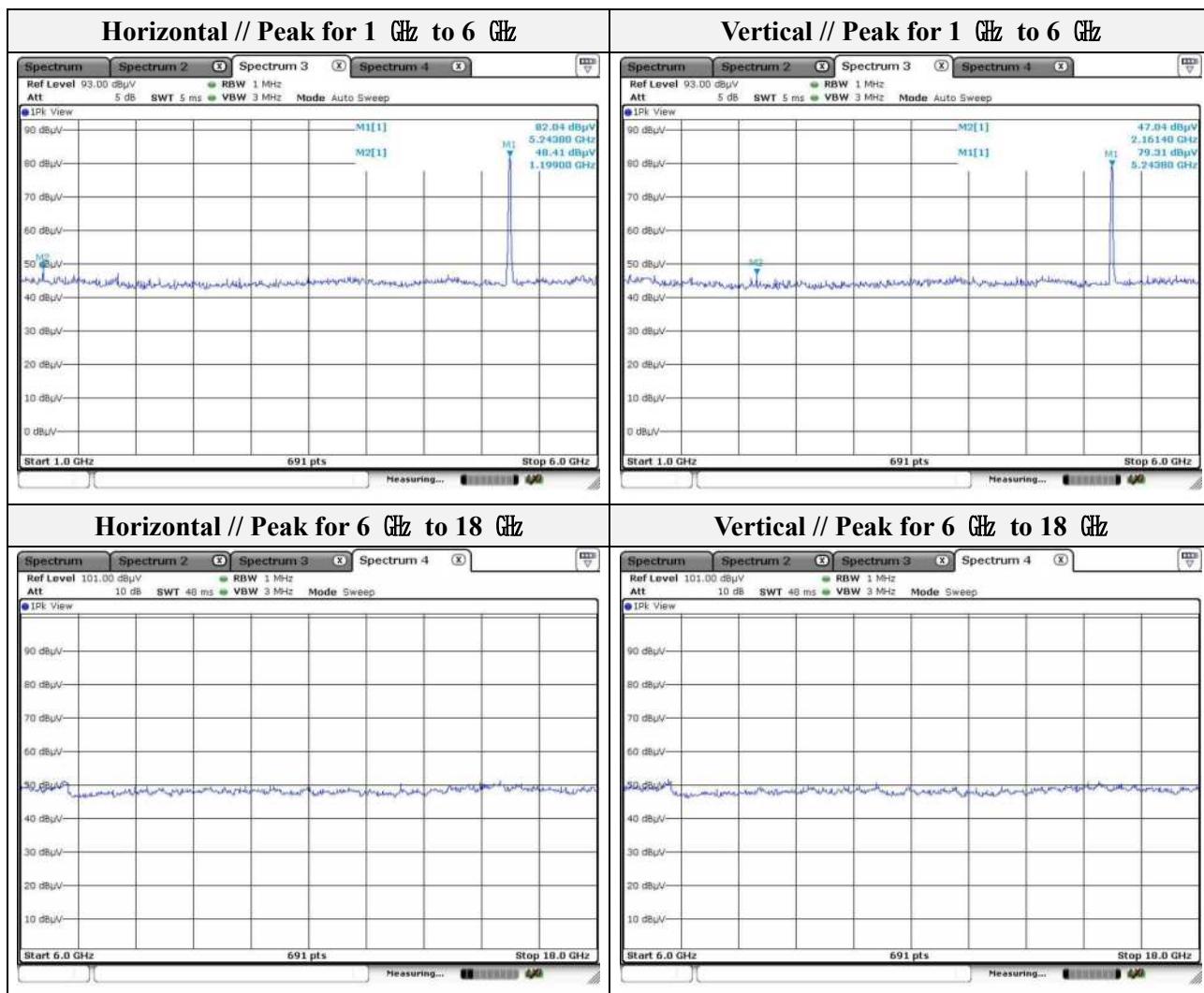
Mode: UNII-1(HT20)

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 N/m)	Limit (dB μ N/m)	Margin (dB)
1 119.00	48.41	Peak	H	-8.09	-	40.32	74.00	33.68
2 161.40	47.04	Peak	V	-0.93	-	46.11	68.20	22.09



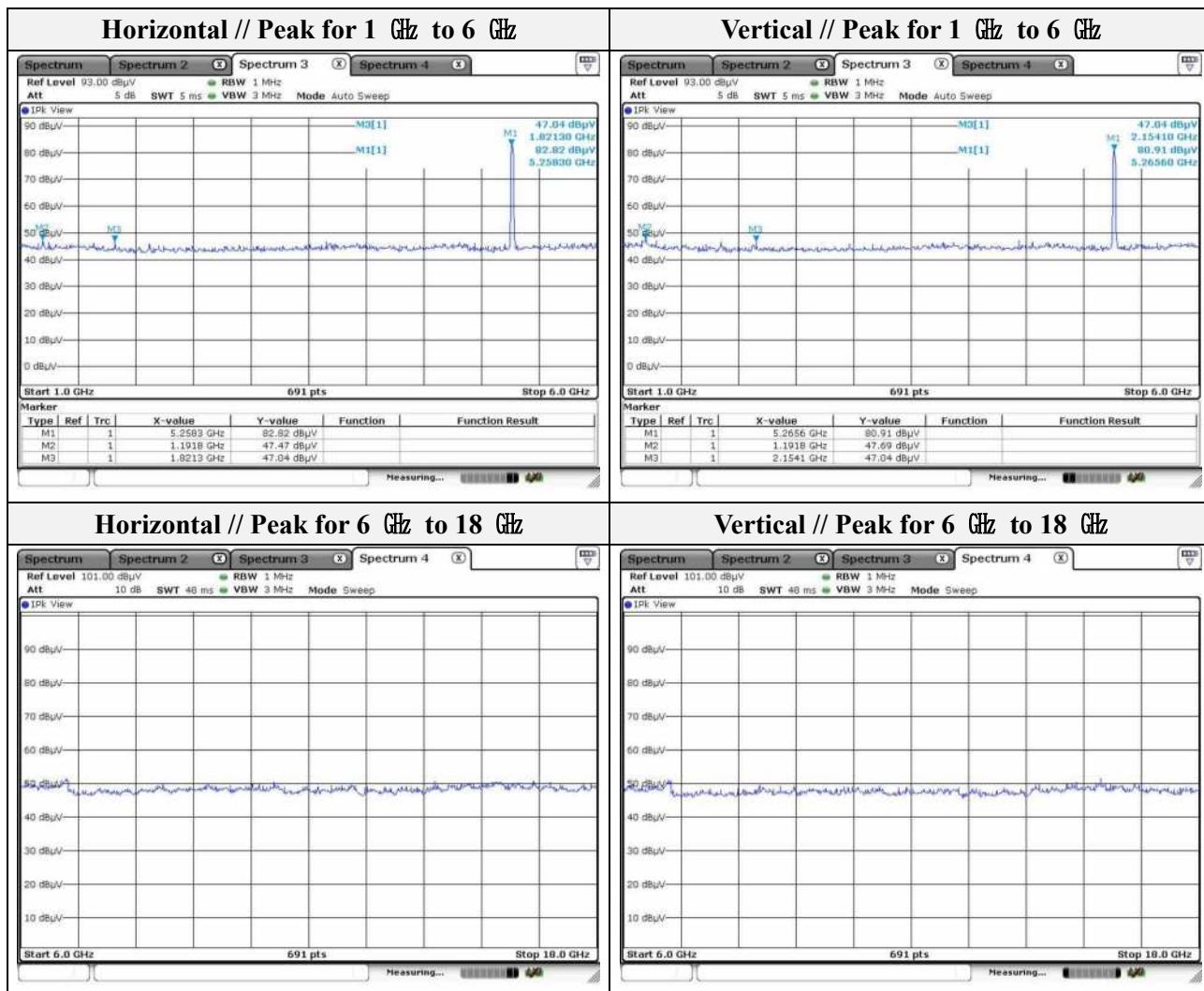
Note.

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: UNII-2A(HT20)
 Distance of measurement: 3 meter
 Channel: 52

- 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)
1 191.80	47.47	Peak	H	-8.13	-	39.34	74.00	34.66
1 821.30	47.04	Peak	H	-3.22	-	43.82	68.20	24.38
1 191.80	47.69	Peak	V	-8.13	-	39.56	74.00	34.44
2 154.10	47.04	Peak	V	-0.94	-	46.10	68.20	22.10



Note.

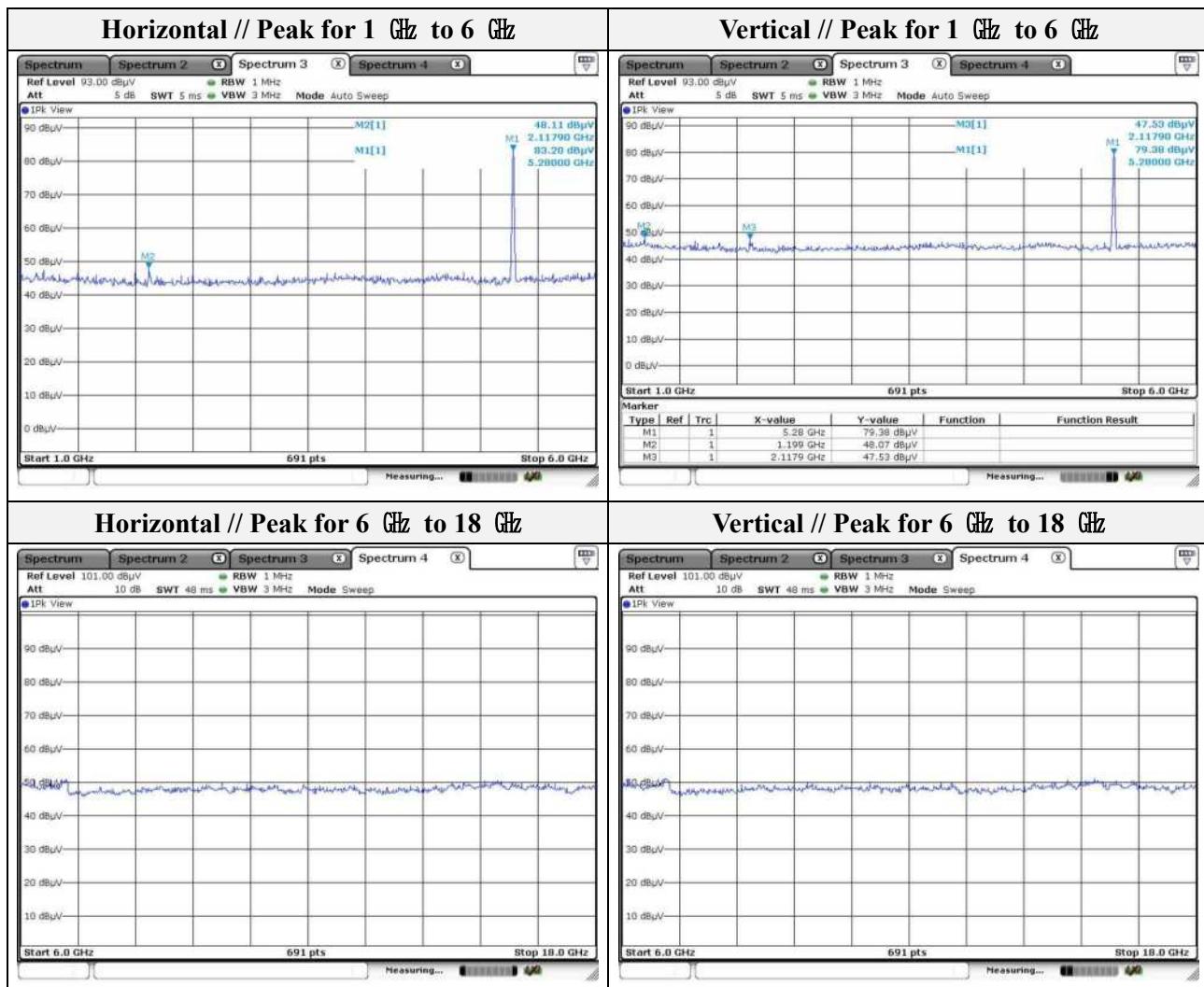
1. No spurious emission were detected above 6 GHz.
2. Average test would be performed if the peak result were greater than the average limit.

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 The authenticity of the test report, contact shchoi@kes.co.kr

Mode: UNII-2A(HT20)
 Distance of measurement: 3 meter
 Channel: 56

- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
2 117.90	48.11	Peak	H	-1.01	-	47.10	68.20	21.10
1 199.00	48.07	Peak	H	-8.09	-	39.98	74.00	34.02
2 117.90	47.53	Peak	H	-1.01	-	46.52	68.20	21.68


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.

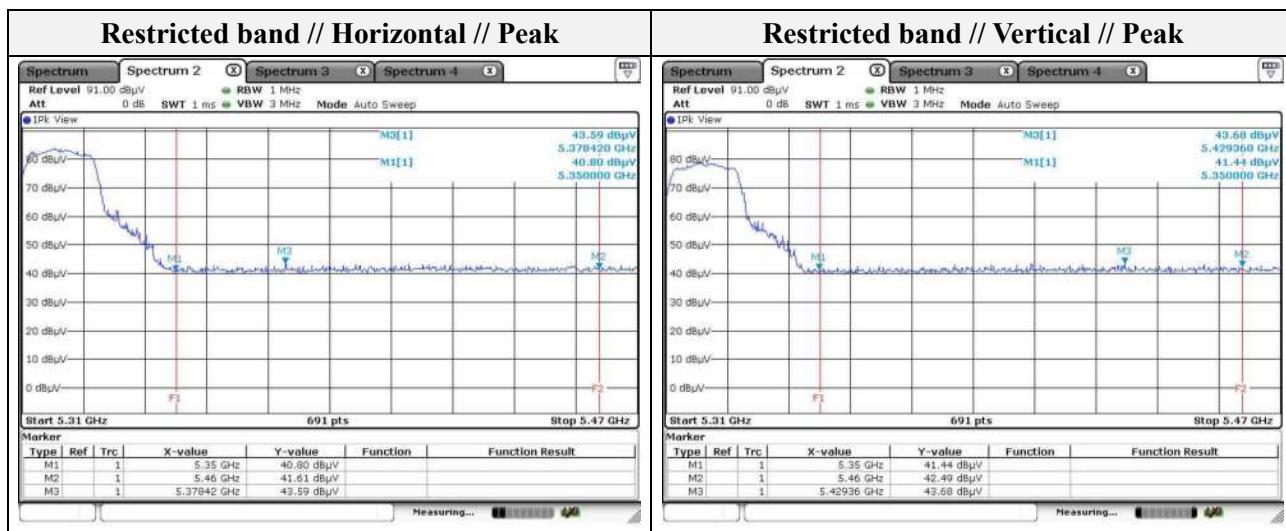
Mode: UNII-2A(HT20)
 Distance of measurement: 3 meter
 Channel: 64

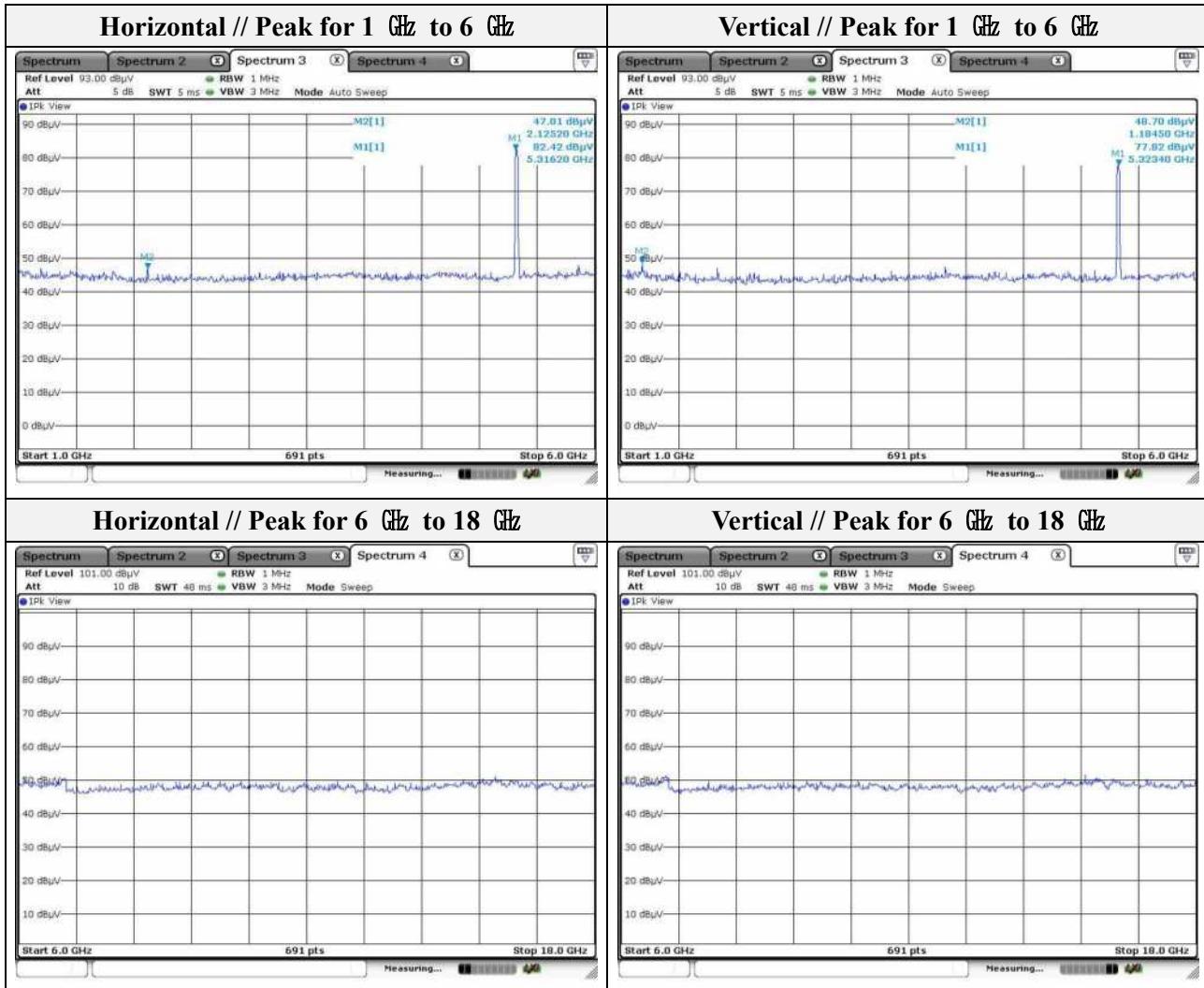
- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
2 125.20	47.01	Peak	H	-1.00	-	46.01	68.20	22.19
1 184.50	48.70	Peak	V	-8.16	-	40.54	74.00	33.46

- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
5 378.42	43.59	Peak	H	8.60	-	52.19	74.00	21.81
5 429.36	43.68	Peak	V	8.57	-	52.25	74.00	21.75





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.

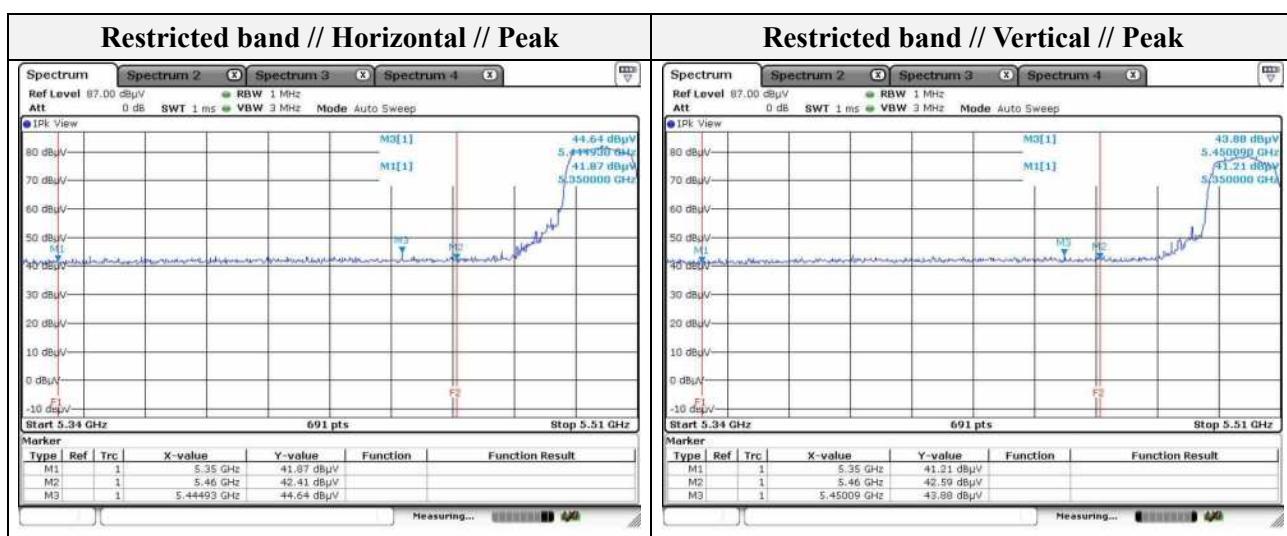
Mode: UNII-2C(HT20)
 Distance of measurement: 3 meter
 Channel: 100

- 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)
1 199.00	52.71	Peak	H	-8.09	-	44.62	74.00	29.38
1 054.30	49.38	Peak	V	-8.82	-	40.56	74.00	33.44
1 828.50	48.83	Peak	V	-3.14	-	45.69	68.20	22.51

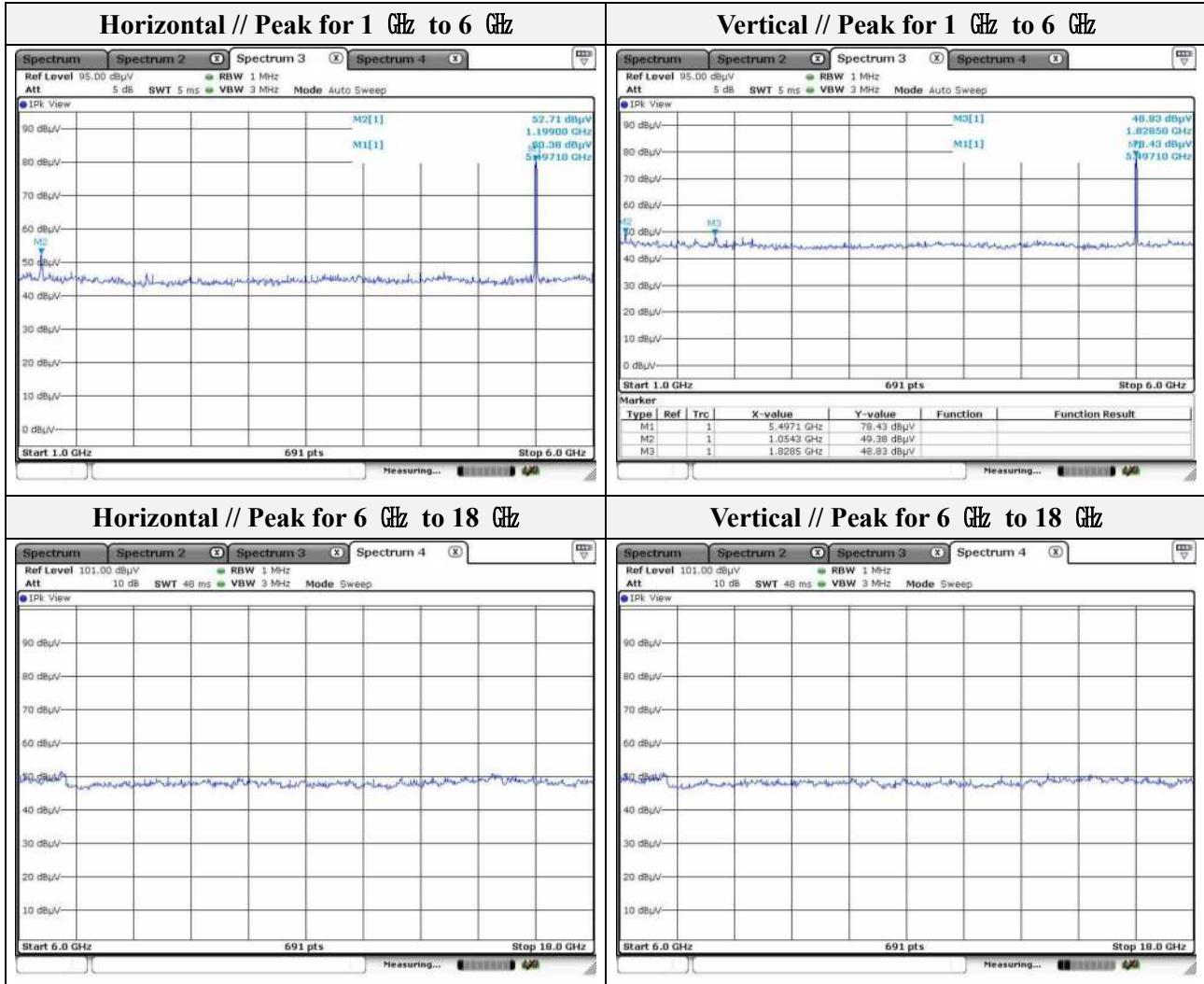
- Band edge

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)
5 444.93	44.64	Peak	H	8.55	-	53.19	74.00	20.81
5 450.09	43.88	Peak	V	8.55	-	52.43	74.00	21.57



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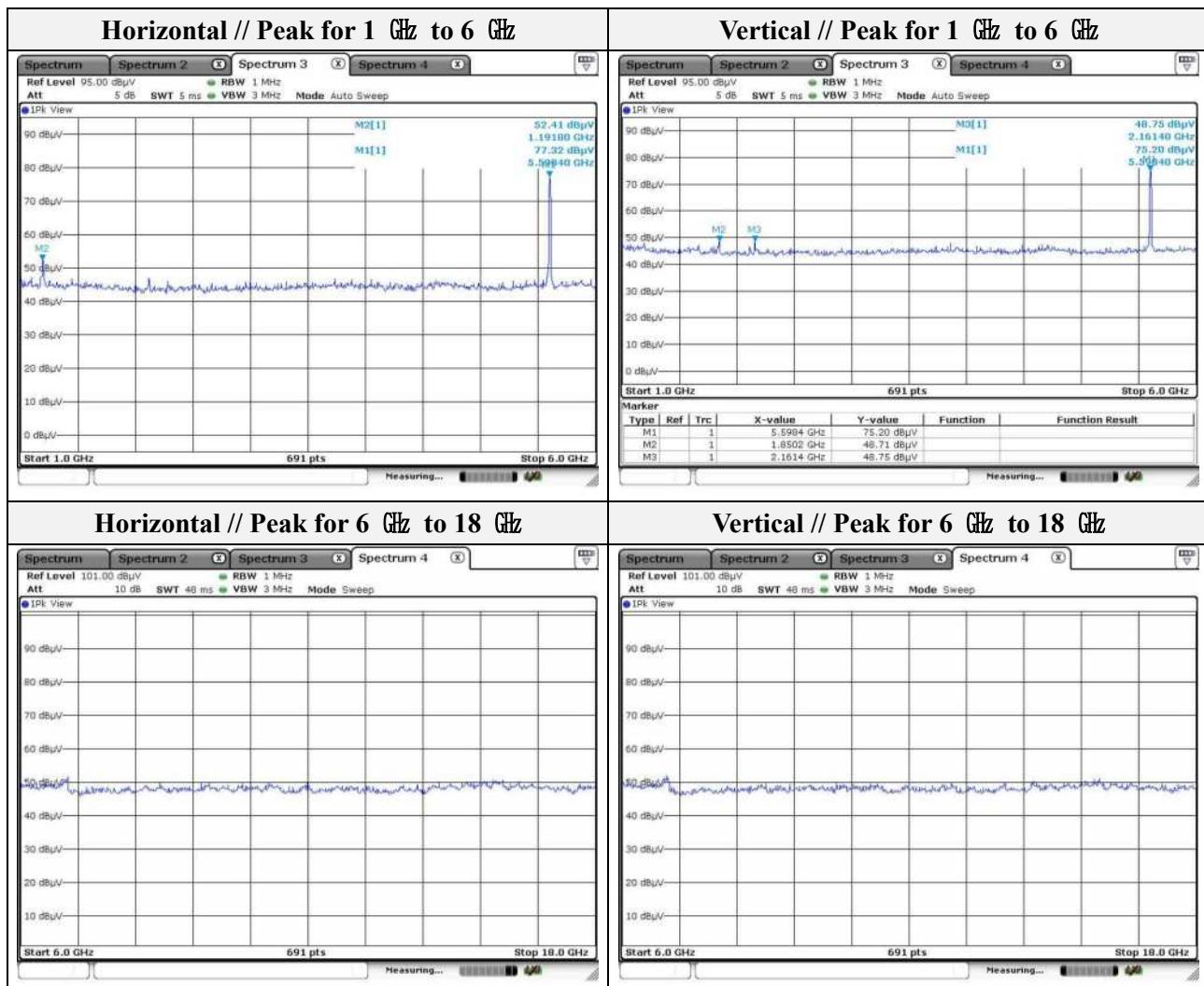
Note.

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: UNII-2C(HT20)
 Distance of measurement: 3 meter
 Channel: 120

- Spurious

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ N/m)	Limit (dB μ N/m)	Margin (dB)
1 191.80	52.41	Peak	H	-8.13	-	44.28	74.00	29.72
1 850.20	48.71	Peak	V	-2.90	-	45.81	68.20	22.39
2 161.40	48.75	Peak	V	-0.93	-	47.82	68.20	20.38


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.