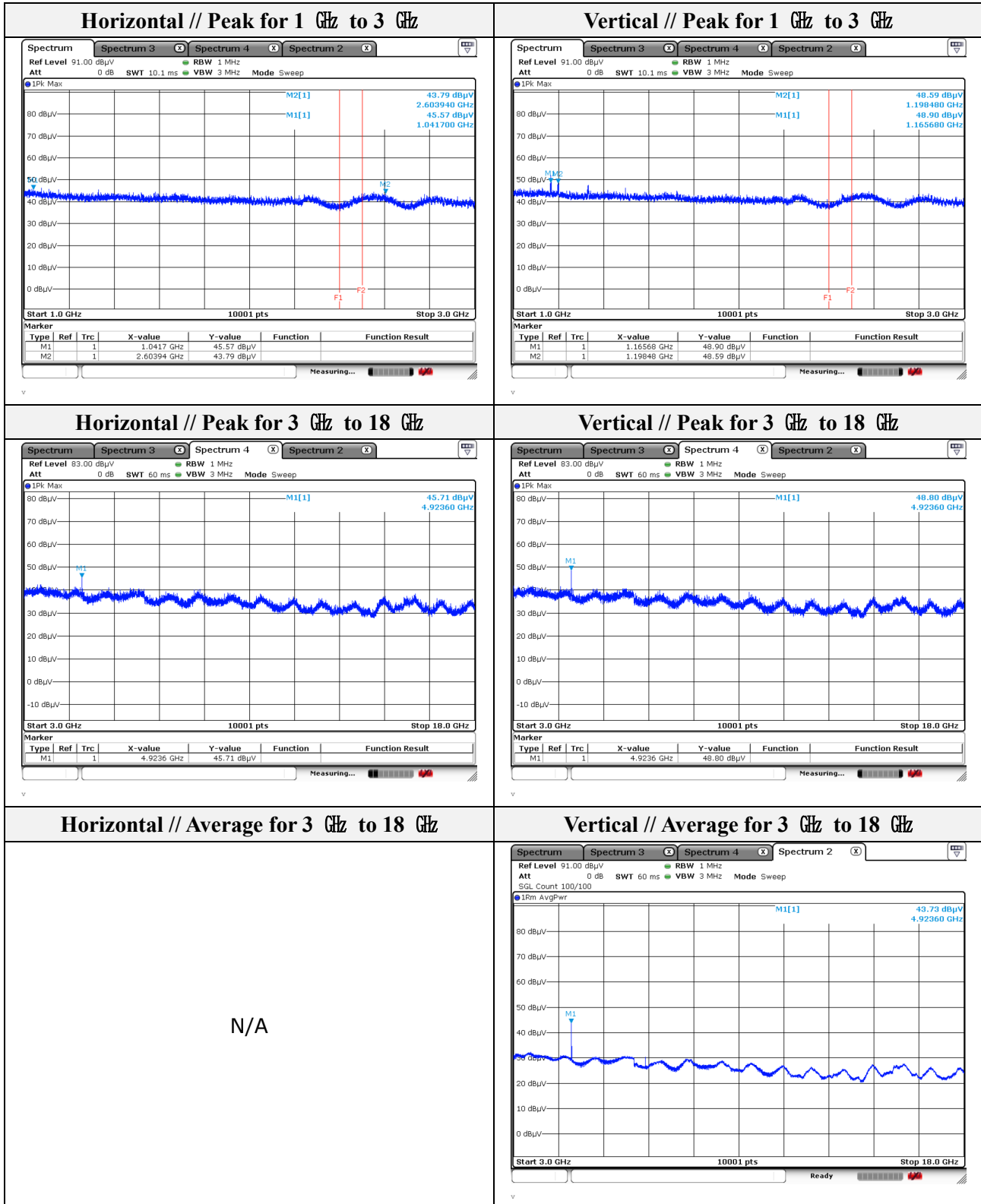




Note.

1. Average test would be performed if the peak result were greater than the average limit.

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Test results (Above 1 000 MHz)

Mode: 802.11g

Distance of measurement: 3 meter

Channel: 1

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 004.30	45.50	Peak	H	-10.39	-	35.11	74.00	38.89
1 035.30	46.62	Peak	V	-10.20	-	36.42	74.00	37.58
1 327.87	45.21	Peak	V	-8.41	-	36.80	74.00	37.20
2 521.55	43.64	Peak	H	-1.60	-	42.04	74.00	31.96
4 820.10	47.52	Peak	V	4.82	-	52.34	74.00	21.66
4 824.60	44.05	Peak	H	4.86	-	48.91	74.00	25.09

- 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)
2 386.62	58.64	Peak	V	-1.69	-	56.95	74.00	17.05
2 386.62	40.89	Average	V	-1.69	0.22	39.42	54.00	14.58
2 386.99	66.75	Peak	H	-1.69	-	65.06	74.00	8.94
2 386.99	48.35	Average	H	-1.69	0.22	46.88	54.00	7.12
2 389.03	68.49	Peak	H	-1.69	-	66.8	74.00	7.20
2 389.03	49.85	Average	H	-1.69	0.22	48.38	54.00	5.62
2 389.04	60.60	Peak	V	-1.69	-	58.91	74.00	15.09
2 389.04	42.95	Average	V	-1.69	0.22	41.48	54.00	12.52

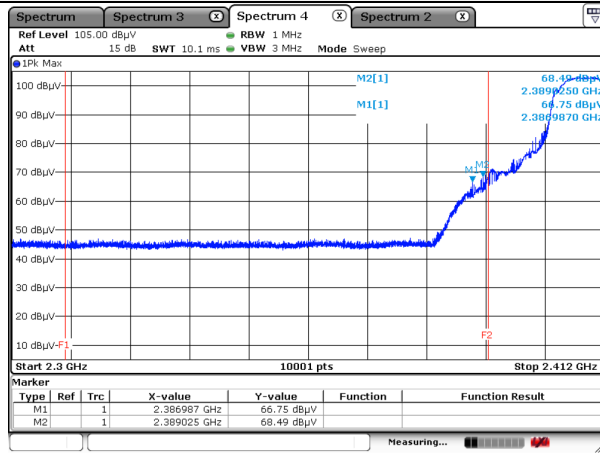
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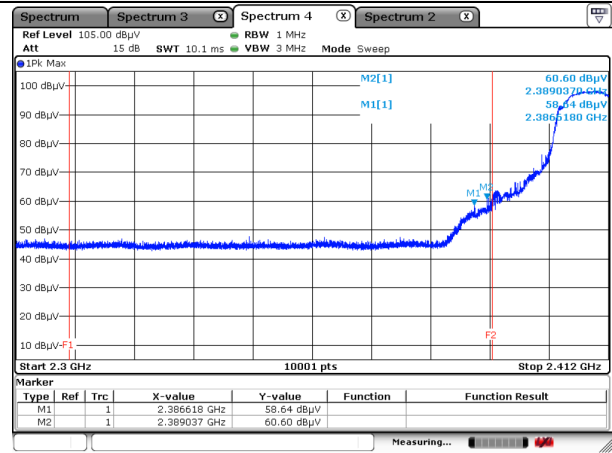
The authenticity of the test report, contact kes@kes.co.kr



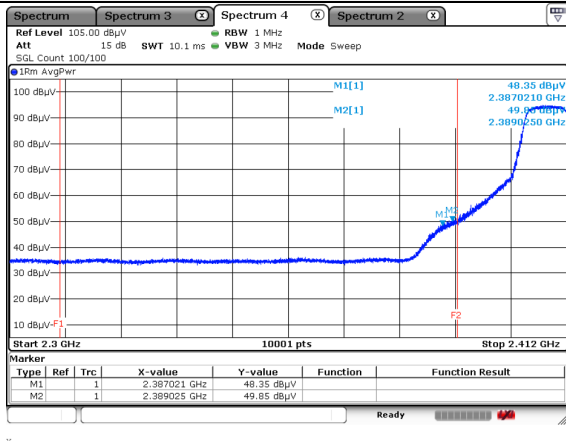
Restricted band // Horizontal // Peak



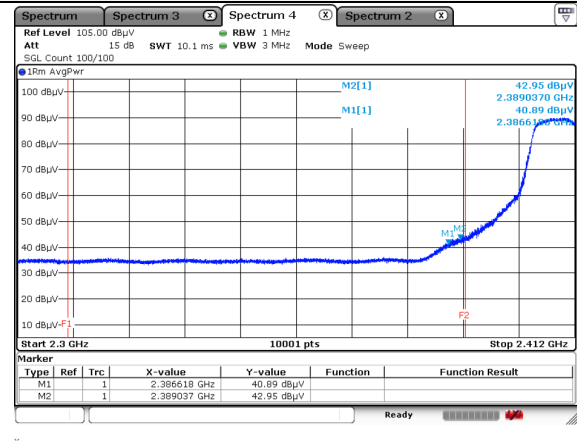
Restricted band // Vertical // Peak



Restricted band // Horizontal // Average



Restricted band // Vertical // Average





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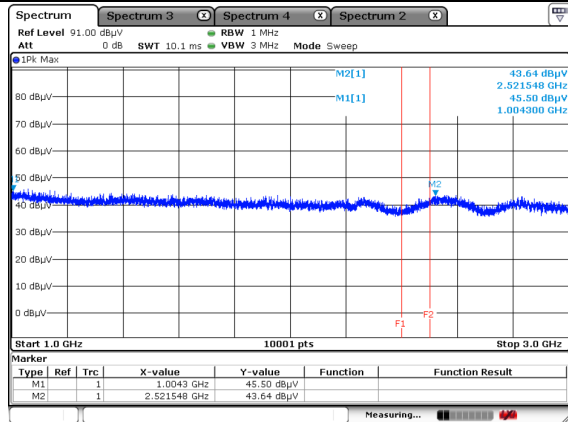
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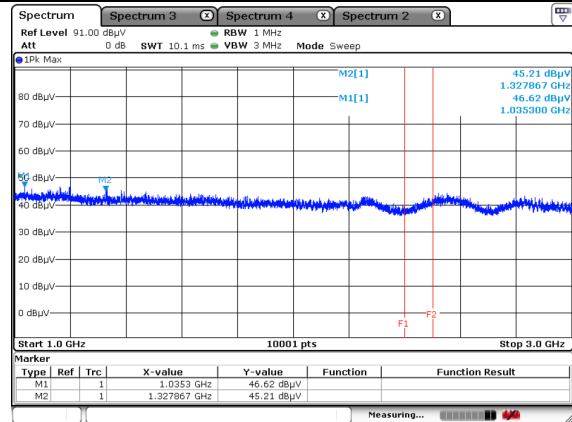
KES-RF-23T0014

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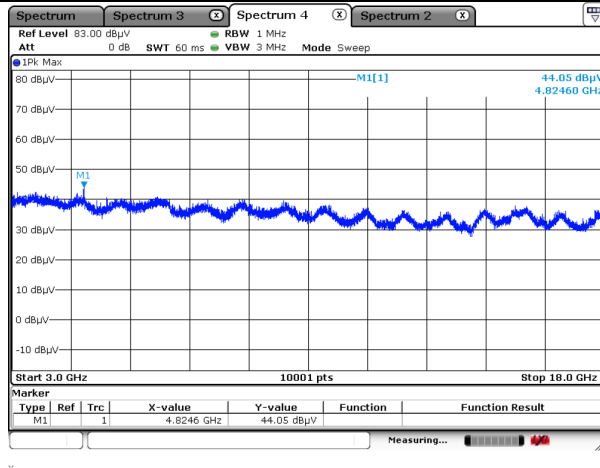
Horizontal // Peak for 1 GHz to 3 GHz



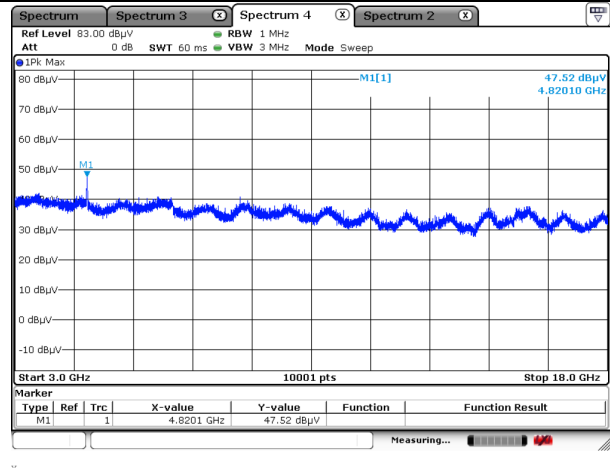
Vertical // Peak for 1 GHz to 3 GHz



Horizontal // Peak for 3 GHz to 18 GHz



Vertical // Peak for 3 GHz to 18 GHz



Note.

1. Average test would be performed if the peak result were greater than the average limit.

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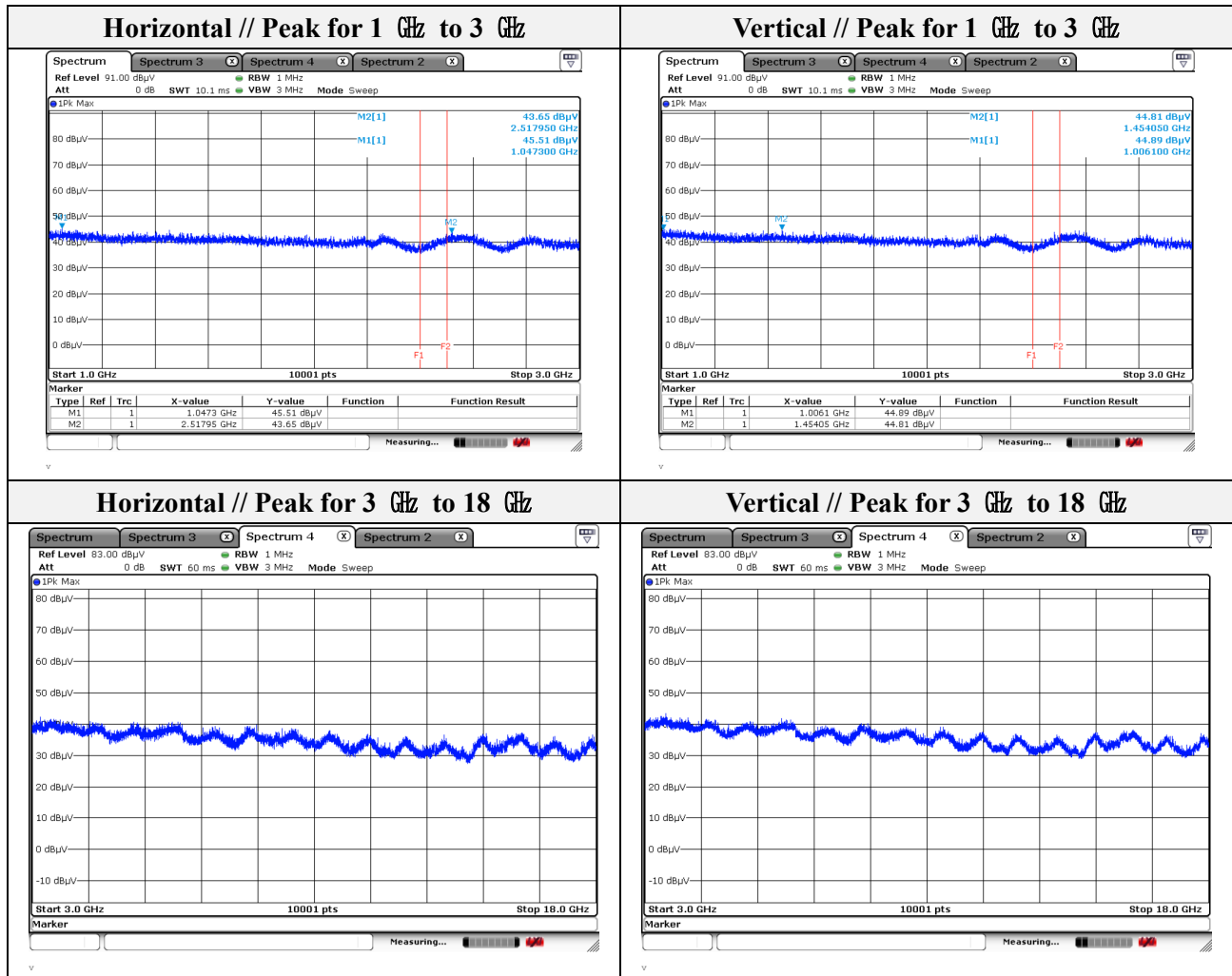
Mode: 802.11g

Distance of measurement: 3 meter

Channel: 6

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 006.10	44.89	Peak	V	-10.38	-	34.51	74.00	39.49
1 047.30	45.51	Peak	H	-10.13	-	35.38	74.00	38.62
1 454.05	44.81	Peak	V	-7.68	-	37.13	74.00	36.87
2 517.95	43.65	Peak	H	-1.61	-	42.04	74.00	31.96



Note.

1. No spurious emission were detected above 3 GHz.
2. Average test would be performed if the peak result were greater than the average limit.

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Mode: 802.11g
Distance of measurement: 3 meter
Channel: 11

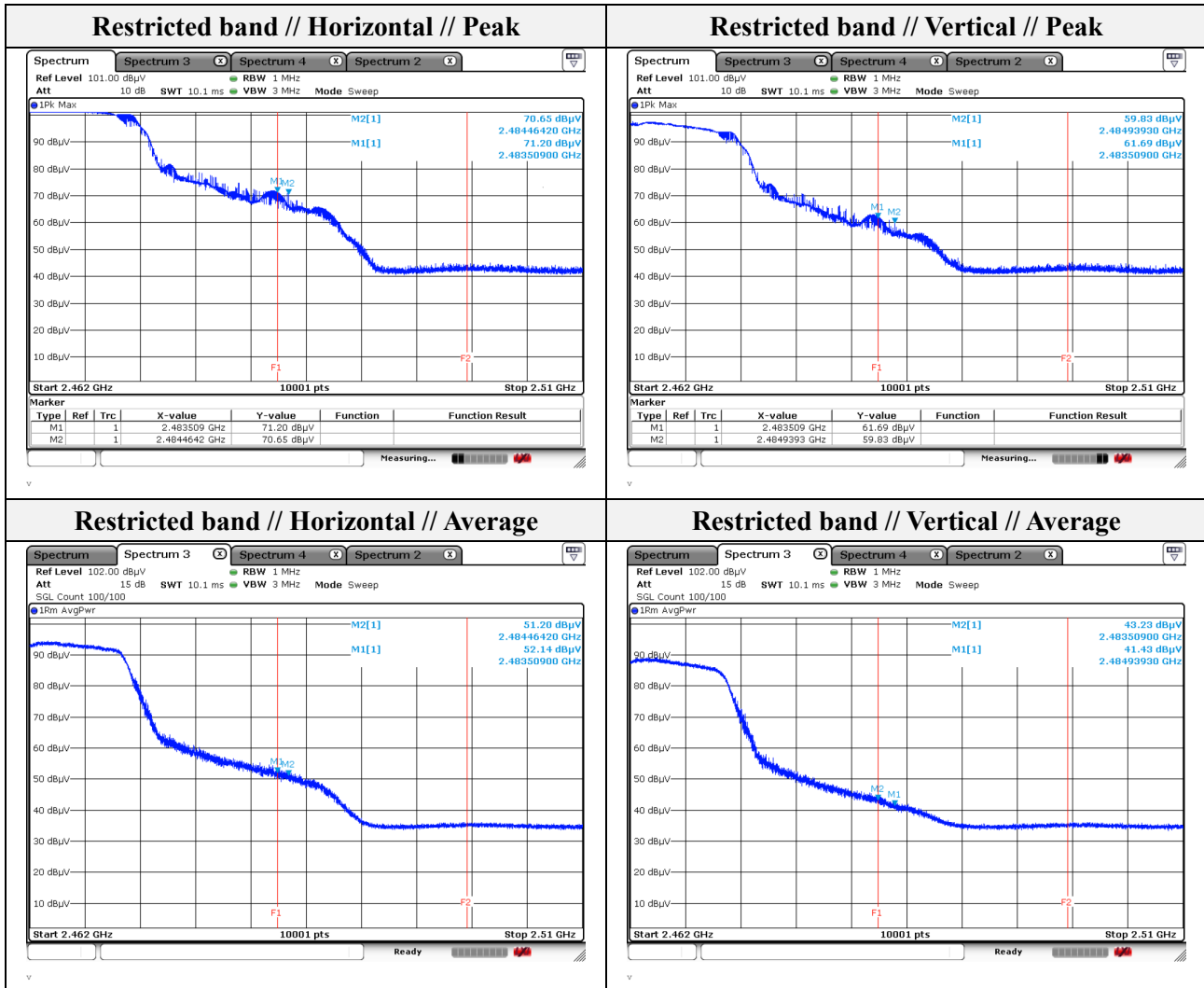
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 027.70	45.86	Peak	H	-10.25	-	35.61	74.00	38.39
1 033.10	45.36	Peak	V	-10.22	-	35.14	74.00	38.86
2 513.55	44.15	Peak	V	-1.62	-	42.53	74.00	31.47
2 544.55	44.63	Peak	H	-1.53	-	43.10	74.00	30.90
4 926.60	42.39	Peak	V	5.64	-	48.03	74.00	25.97

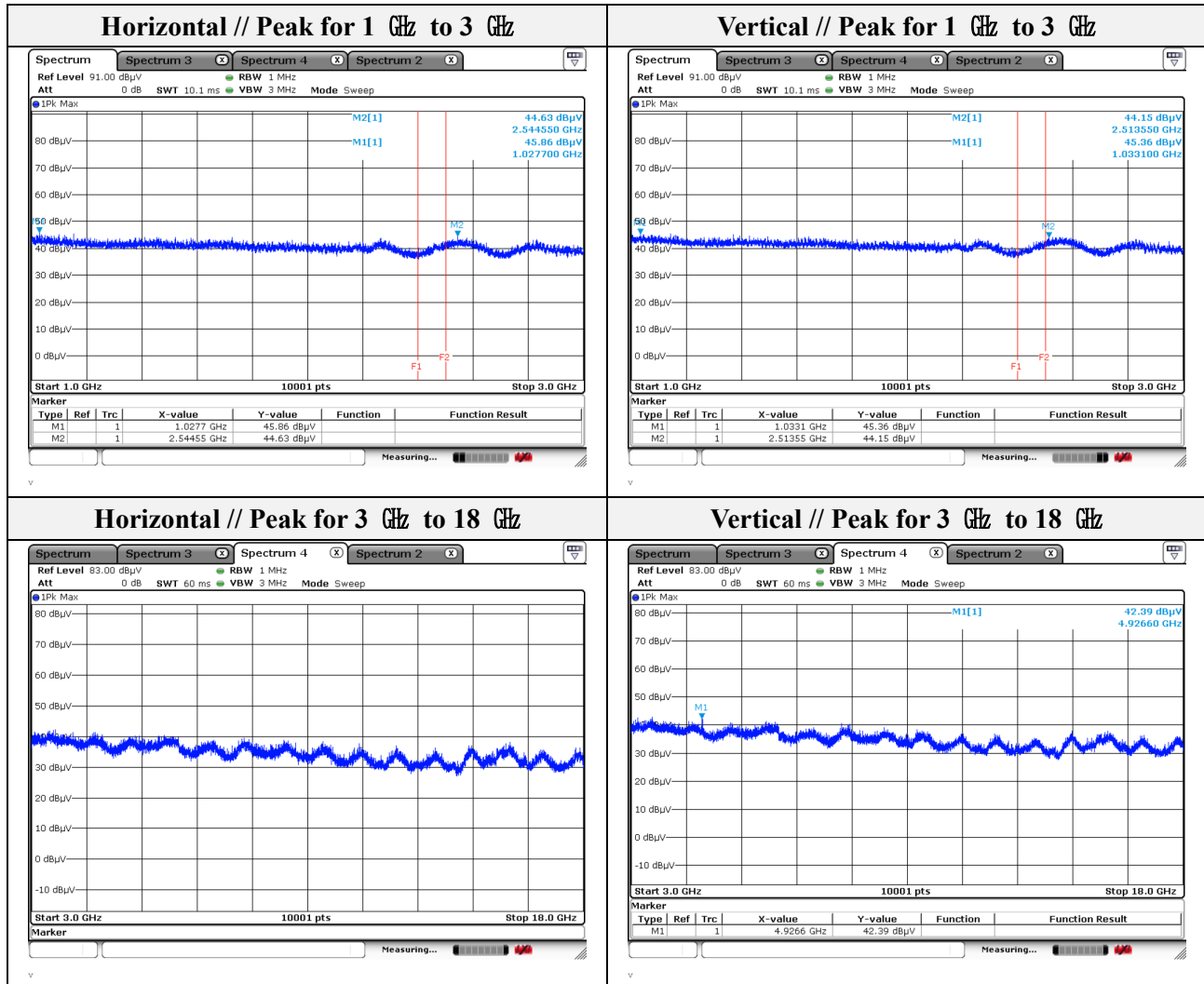
- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2 483.51	71.20	Peak	H	-1.67	-	69.53	74.00	4.47
2 483.51	52.14	Average	H	-1.67	0.22	50.69	54.00	3.31
2 483.51	61.69	Peak	V	-1.67	-	60.69	74.00	13.31
2 483.51	43.23	Average	V	-1.67	0.22	41.78	54.00	12.22
2 484.46	70.65	Peak	H	-1.67	-	68.98	74.00	5.02
2 484.46	51.20	Average	H	-1.67	0.22	49.75	54.00	4.25
2 484.94	59.83	Peak	V	-1.67	-	58.16	74.00	15.84
2 484.94	41.43	Average	V	-1.67	0.22	39.98	54.00	14.02

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Note.

1. Average test would be performed if the peak result were greater than the average limit.

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Mode: 802.11n_HT20
Distance of measurement: 3 meter
Channel: 1

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 005.50	45.49	Peak	H	-10.39	-	35.10	74.00	38.90
1 164.48	46.62	Peak	V	-9.42	-	37.20	74.00	36.80
1 331.67	46.20	Peak	V	-8.39	-	37.81	74.00	36.19
2 555.34	44.88	Peak	H	-1.50	-	43.38	74.00	30.62
4 823.10	42.61	Peak	H	4.85	-	47.46	74.00	26.54
4 826.10	45.65	Peak	V	4.87	-	50.52	74.00	23.48

- 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)
2 387.97	60.38	Peak	V	-1.69	-	58.69	74.00	15.31
2 387.97	39.96	Average	V	-1.69	0.12	38.39	54.00	15.61
2 388.00	67.69	Peak	H	-1.69	-	66	74.00	8.00
2 388.00	48.04	Average	H	-1.69	0.12	46.47	54.00	7.53
2 388.66	67.54	Peak	H	-1.69	-	65.85	74.00	8.15
2 388.66	46.05	Average	H	-1.69	0.12	44.48	54.00	9.52
2 388.86	59.39	Peak	V	-1.69	-	57.7	74.00	16.30
2 388.86	40.51	Average	V	-1.69	0.12	38.94	54.00	15.06

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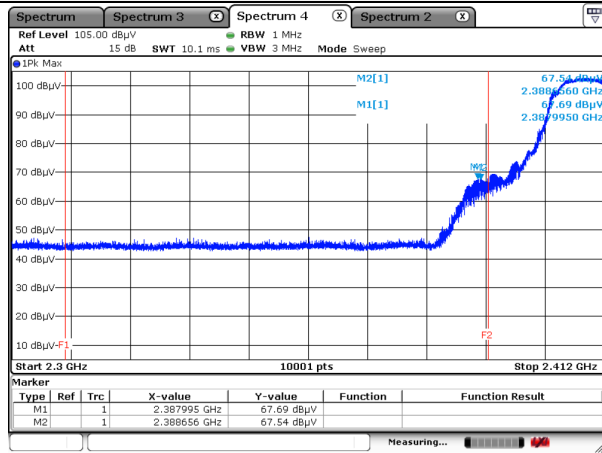
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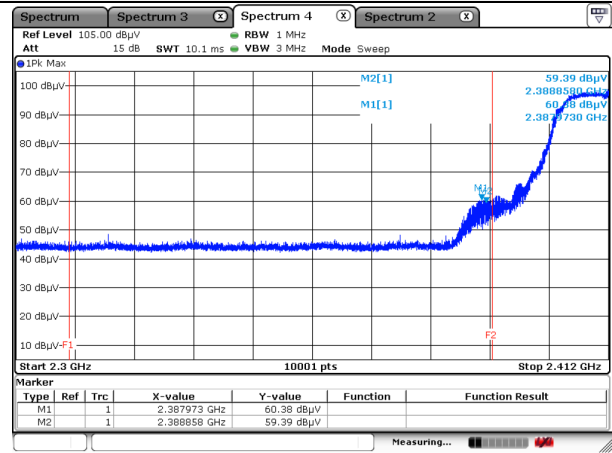
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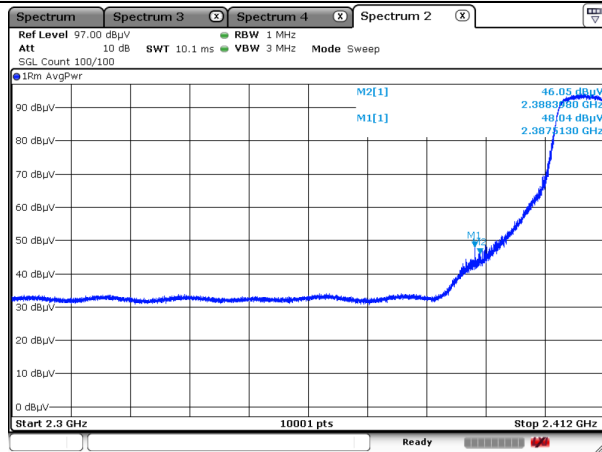
Restricted band // Horizontal // Peak



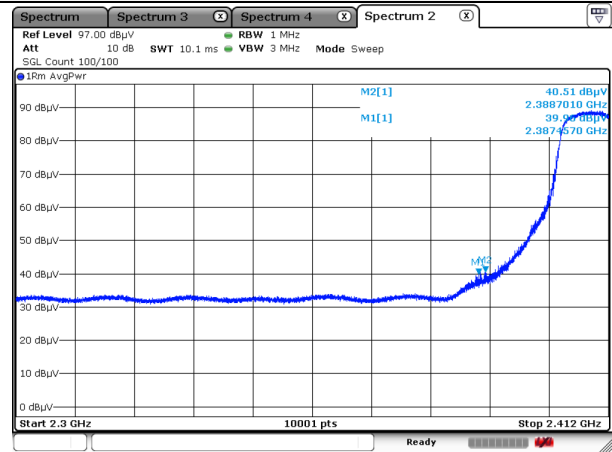
Restricted band // Vertical // Peak



Restricted band // Horizontal // Average



Restricted band // Vertical // Average



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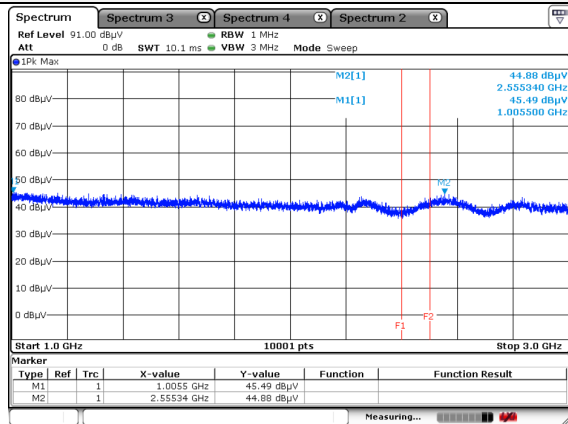
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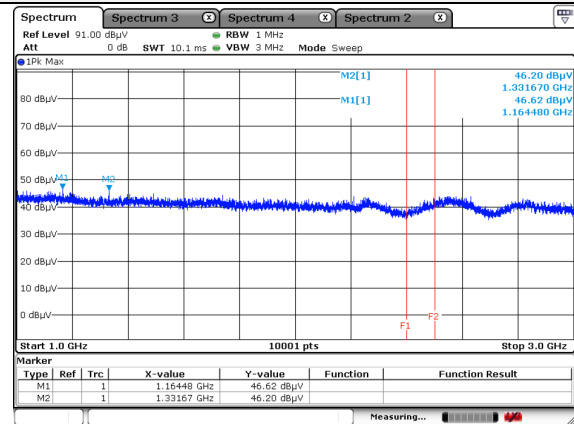
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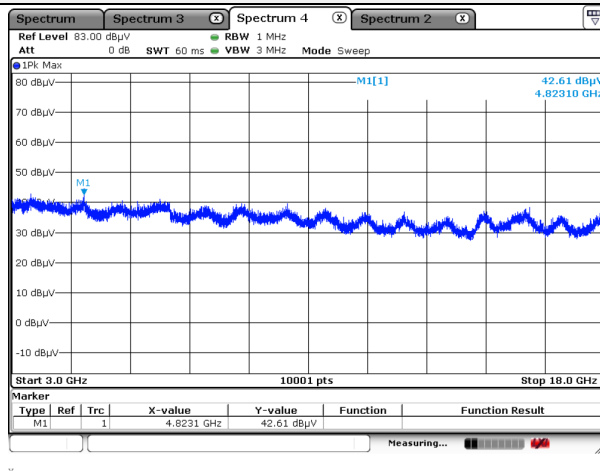
Horizontal // Peak for 1 GHz to 3 GHz



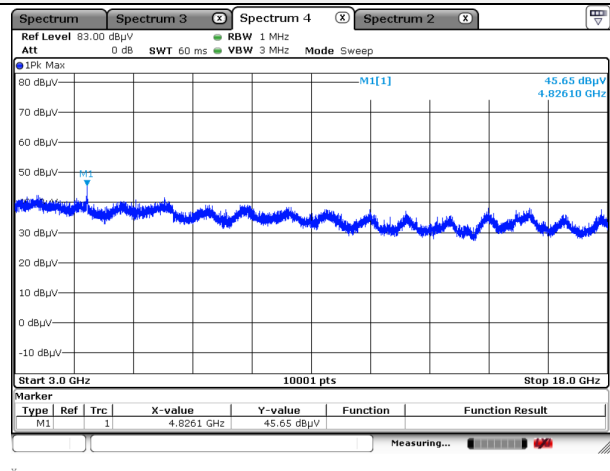
Vertical // Peak for 1 GHz to 3 GHz



Horizontal // Peak for 3 GHz to 18 GHz



Vertical // Peak for 3 GHz to 18 GHz



Note.

1. Average test would be performed if the peak result were greater than the average limit.

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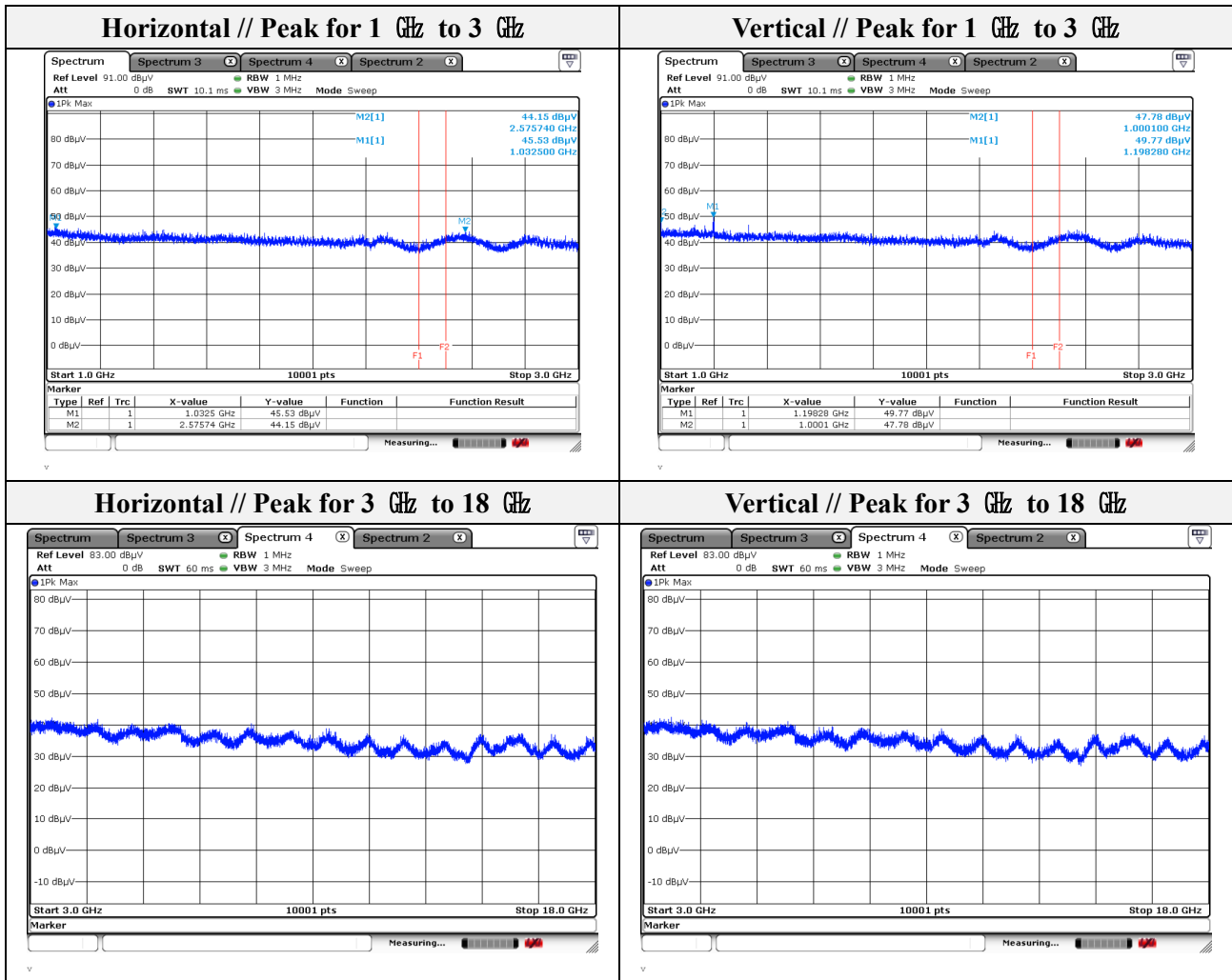
Mode: 802.11n_HT20

Distance of measurement: 3 meter

Channel: 6

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.10	47.78	Peak	V	-10.42	-	37.36	74.00	36.64
1 032.50	45.53	Peak	H	-10.22	-	35.31	74.00	38.69
1 198.28	49.77	Peak	V	-9.21	-	40.56	74.00	33.44
2 575.74	44.15	Peak	H	-1.44	-	42.71	74.00	31.29



Note.

1. No spurious emission were detected above 3 GHz.
2. Average test would be performed if the peak result were greater than the average limit.

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Mode: 802.11n_HT20
Distance of measurement: 3 meter
Channel: 11

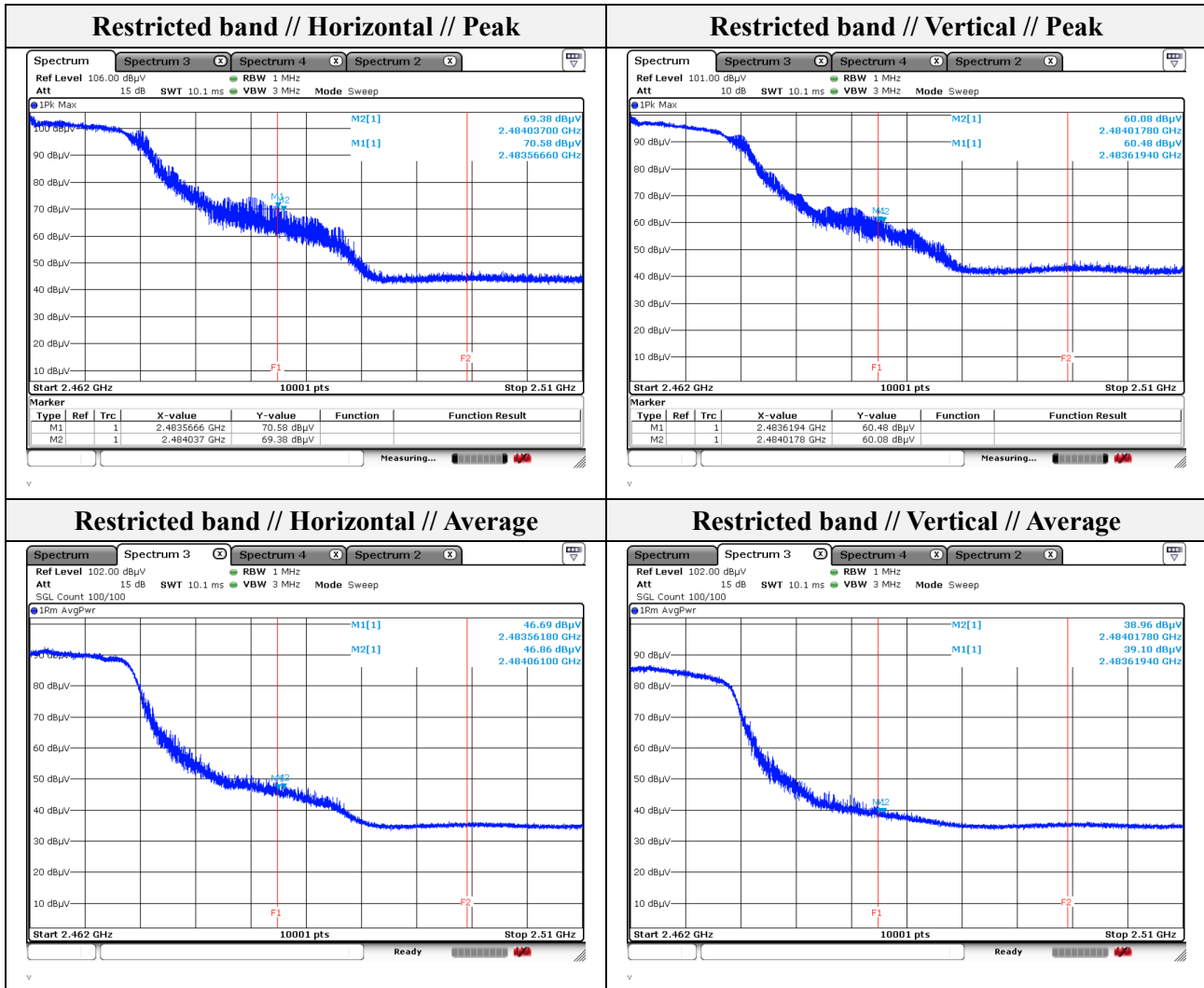
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 049.90	46.29	Peak	H	-10.11	-	36.18	74.00	37.82
1 200.08	48.87	Peak	V	-9.20	-	39.67	74.00	34.33
1 329.47	47.24	Peak	V	-8.40	-	38.84	74.00	35.16
2 516.35	43.96	Peak	H	-1.62	-	42.34	74.00	31.66
4 923.60	43.80	Peak	V	5.62	-	49.42	74.00	24.58

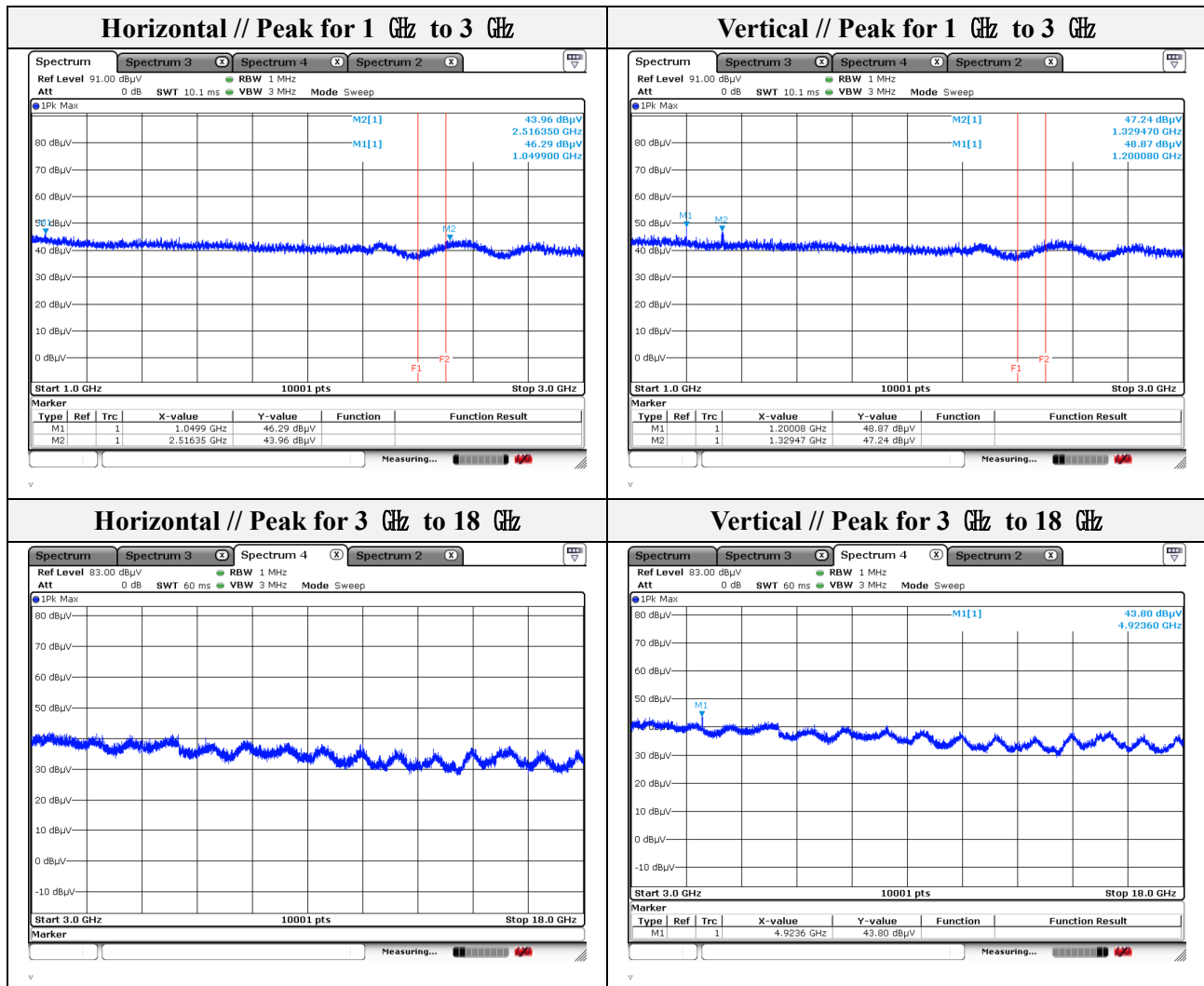
- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2 483.57	70.58	Peak	H	-1.67	-	68.91	74.00	5.09
2 483.57	46.69	Average	H	-1.67	0.12	45.14	54.00	8.86
2 483.62	60.48	Peak	V	-1.67	-	59.48	74.00	14.52
2 483.62	39.10	Average	V	-1.67	0.12	37.55	54.00	16.45
2 484.02	60.08	Peak	V	-1.67	-	58.41	74.00	15.59
2 484.02	38.96	Average	V	-1.67	0.12	37.41	54.00	16.59
2 484.04	69.38	Peak	H	-1.67	-	67.71	74.00	6.29
2 484.04	46.86	Average	H	-1.67	0.12	45.31	54.00	8.69

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Note.

1. Average test would be performed if the peak result were greater than the average limit.

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Report No.:

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Mode: 802.11n_HT40
Distance of measurement: 3 meter
Channel: 3

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 120.09	46.12	Peak	H	-9.69	-	36.43	74.00	37.57
1 162.68	48.31	Peak	V	-9.43	-	38.88	74.00	35.12
1 329.70	46.60	Peak	V	-8.40	-	38.20	74.00	35.80
2 562.54	45.14	Peak	H	-1.48	-	43.66	74.00	30.34

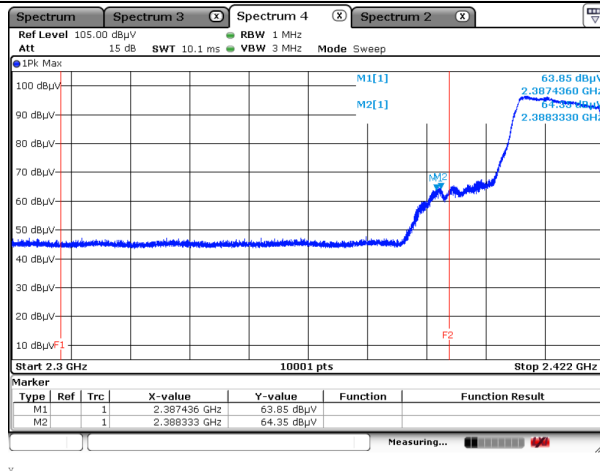
- Band edge

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2 386.33	56.44	Peak	V	-1.69	-	54.75	74.00	19.25
2 386.33	37.65	Average	V	-1.69	0.23	36.19	54.00	17.81
2 387.44	63.85	Peak	H	-1.69	-	62.16	74.00	11.84
2 387.44	45.15	Average	H	-1.69	0.23	43.69	54.00	10.31
2 387.68	57.04	Peak	V	-1.69	-	55.35	74.00	18.65
2 387.68	39.54	Average	V	-1.69	0.23	38.08	54.00	15.92
2 388.33	64.35	Peak	H	-1.69	-	62.66	74.00	11.34
2 388.33	45.44	Average	H	-1.69	0.23	43.98	54.00	10.02

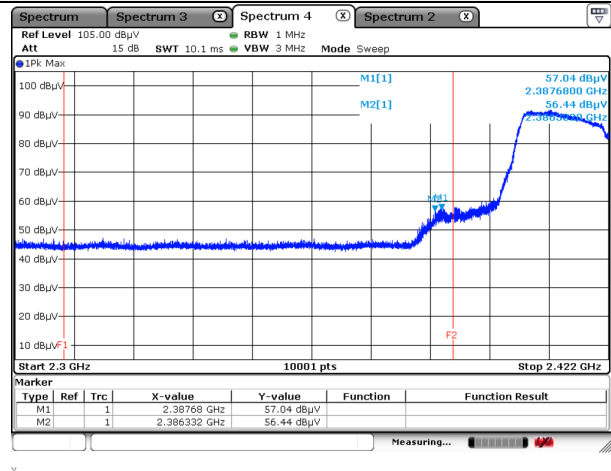
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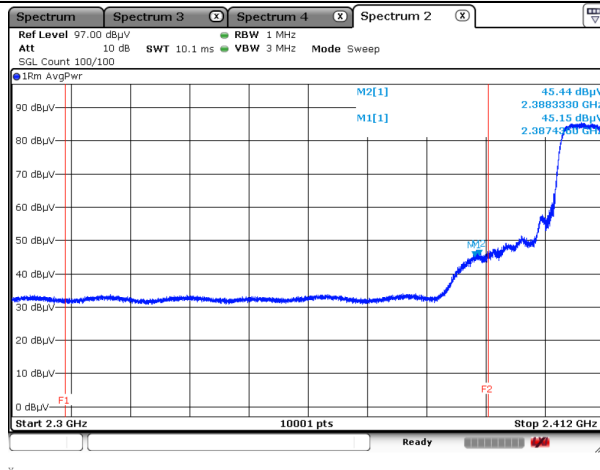
Restricted band // Horizontal // Peak



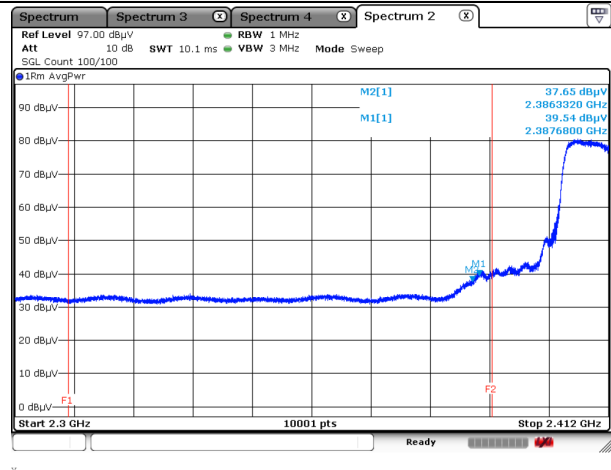
Restricted band // Vertical // Peak

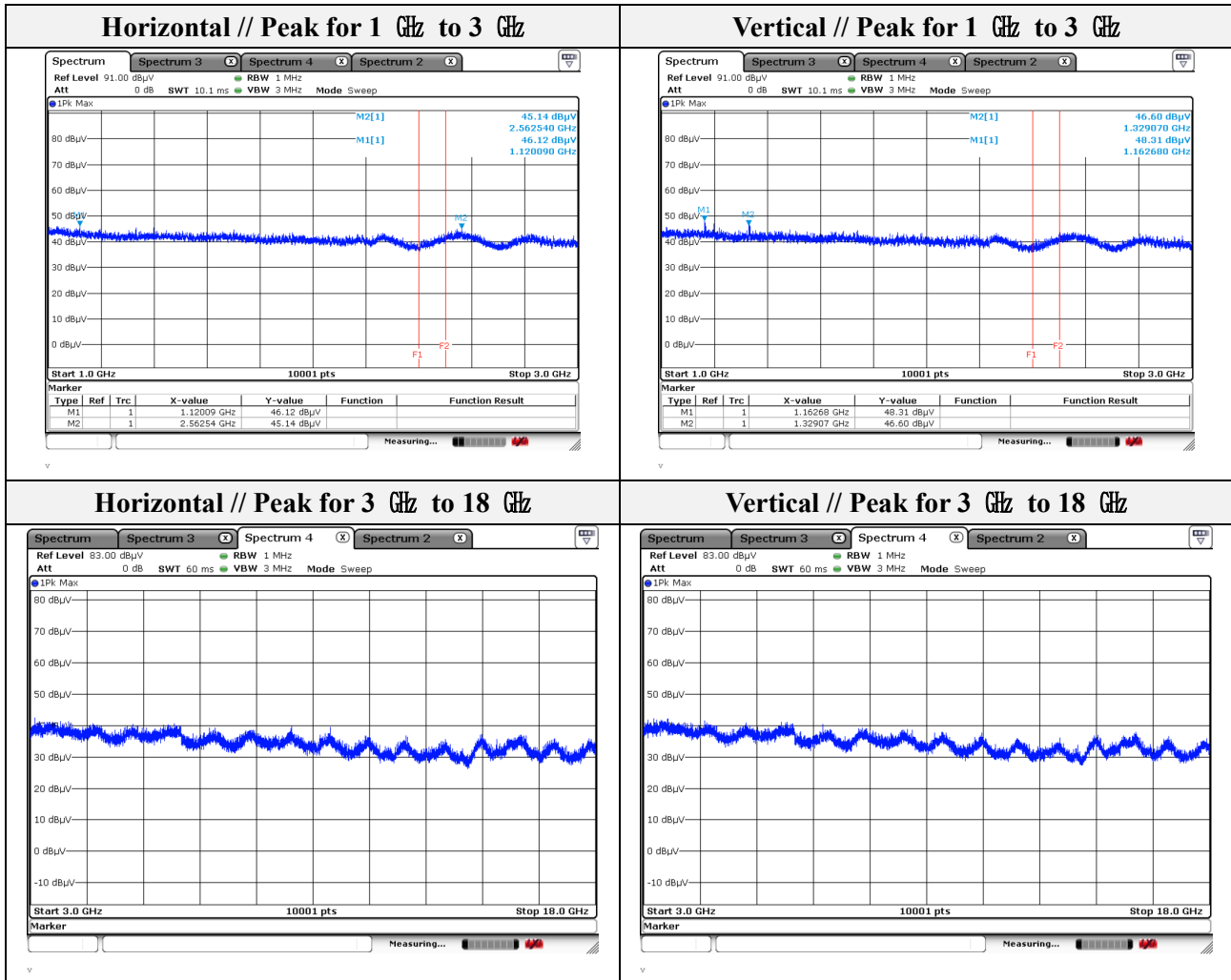


Restricted band // Horizontal // Average



Restricted band // Vertical // Average





Note.

1. No spurious emission were detected above 3 GHz.
2. Average test would be performed if the peak result were greater than the average limit.



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Mode: 802.11n_HT40

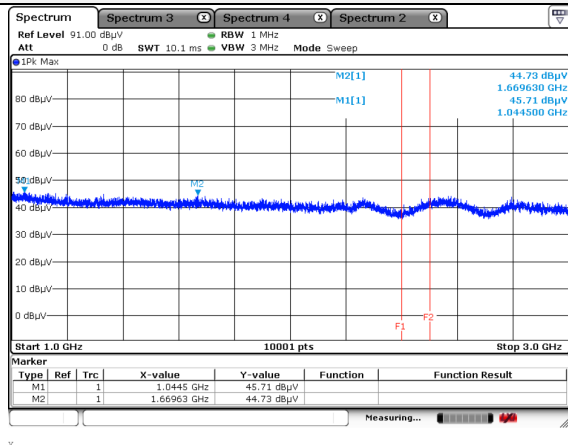
Distance of measurement: 3 meter

Channel: 6

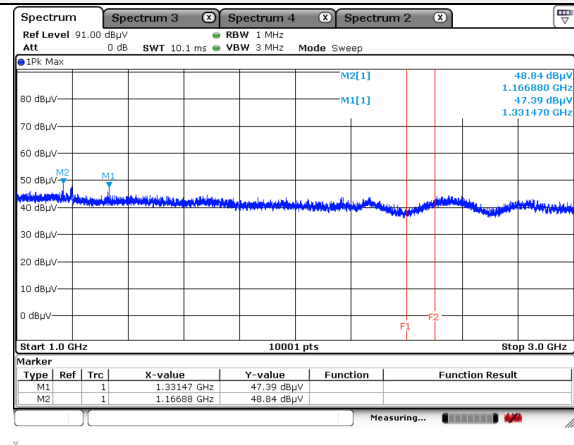
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 044.50	45.71	Peak	H	-10.15	-	35.56	74.00	38.44
1 166.88	48.84	Peak	V	-9.40	-	39.44	74.00	34.56
1 331.47	47.39	Peak	V	-8.39	-	39.00	74.00	35.00
1 669.63	44.73	Peak	H	-5.61	-	39.12	74.00	34.88

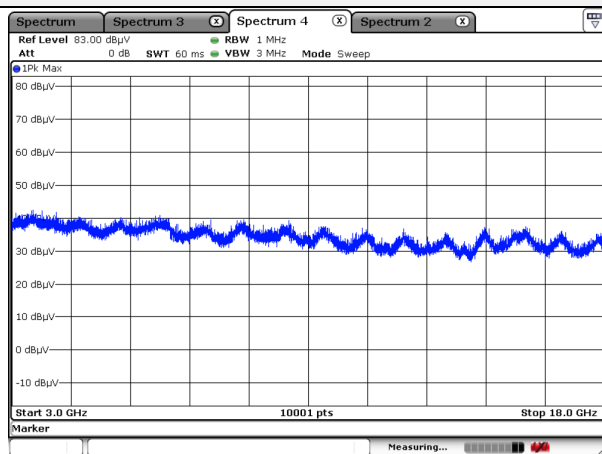
Horizontal // Peak for 1 GHz to 3 GHz



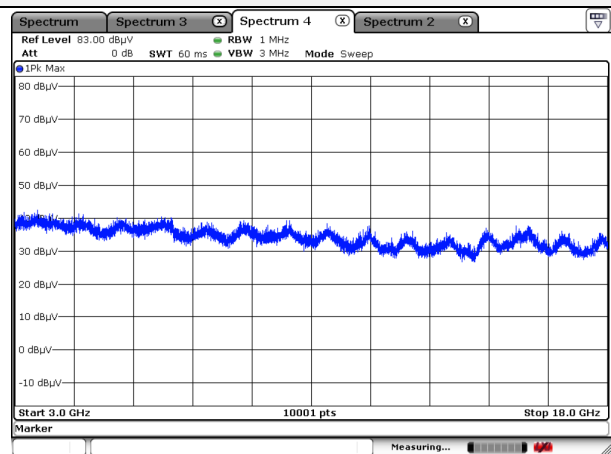
Vertical // Peak for 1 GHz to 3 GHz



Horizontal // Peak for 3 GHz to 18 GHz



Vertical // Peak for 3 GHz to 18 GHz



Note.

1. No spurious emission were detected above 3 GHz.
2. Average test would be performed if the peak result were greater than the average limit.

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The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
The authenticity of the test report, contact kes@kes.co.kr

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Mode: 802.11n_HT40
Distance of measurement: 3 meter
Channel: 9

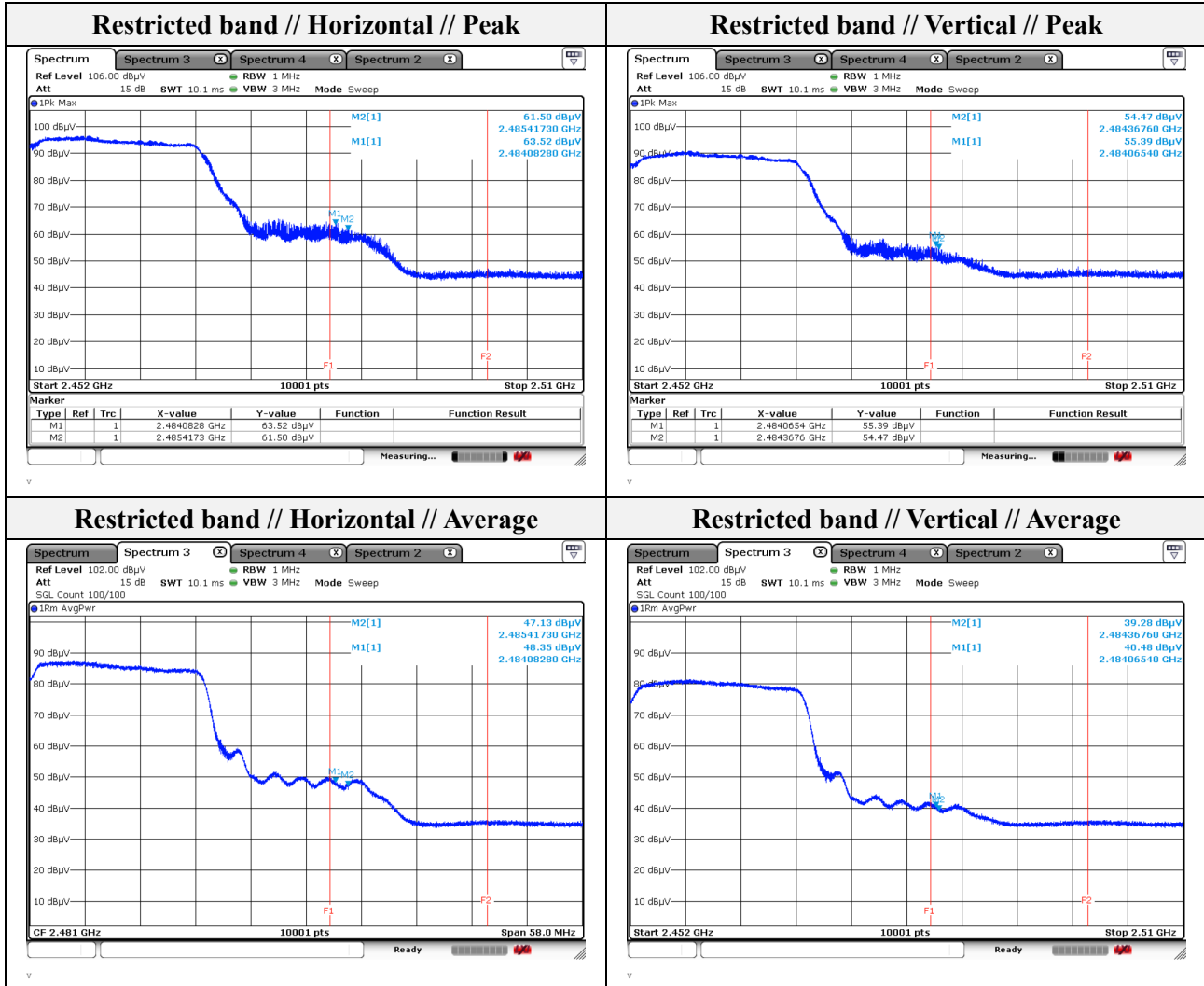
- Spurious

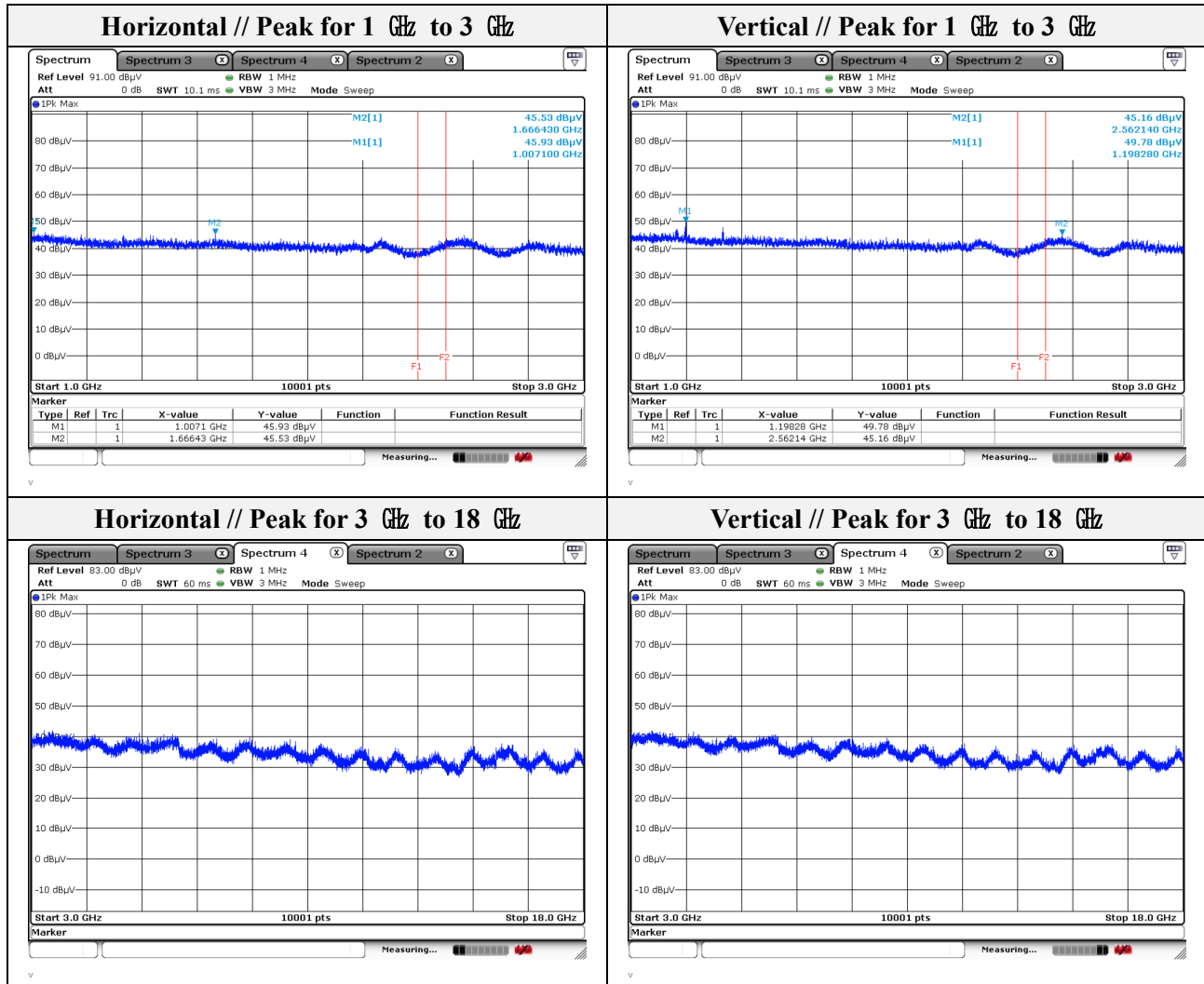
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 007.10	45.93	Peak	H	-10.38	-	35.55	74.00	38.45
1 198.28	49.78	Peak	V	-9.21	-	40.57	74.00	33.43
1 666.43	45.53	Peak	H	-5.65	-	39.88	74.00	34.12
2 562.14	45.16	Peak	V	-1.48	-	43.68	74.00	30.32

- 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)
2 484.07	55.39	Peak	V	-1.67	-	53.72	74.00	20.28
2 484.07	40.48	Average	V	-1.67	0.23	39.04	54.00	14.96
2 484.08	63.52	Peak	H	-1.67	-	62.52	74.00	11.48
2 484.08	48.35	Average	H	-1.67	0.23	46.91	54.00	7.09
2 484.37	54.47	Peak	V	-1.67	-	52.8	74.00	21.20
2 484.37	39.28	Average	V	-1.67	0.23	37.84	54.00	16.16
2 485.42	61.50	Peak	H	-1.67	-	59.83	74.00	14.17
2 485.42	47.13	Average	H	-1.67	0.23	45.69	54.00	8.31

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Note.

1. No spurious emission were detected above 3 GHz.
2. Average test would be performed if the peak result were greater than the average limit.