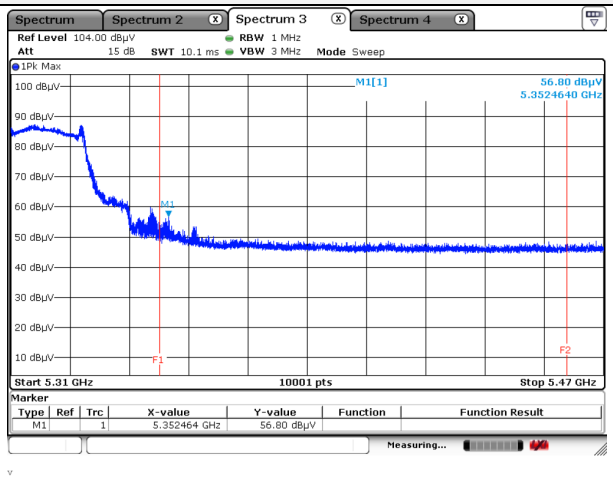
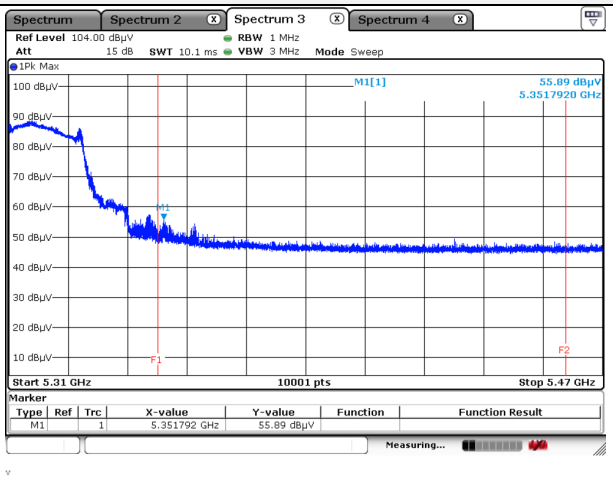
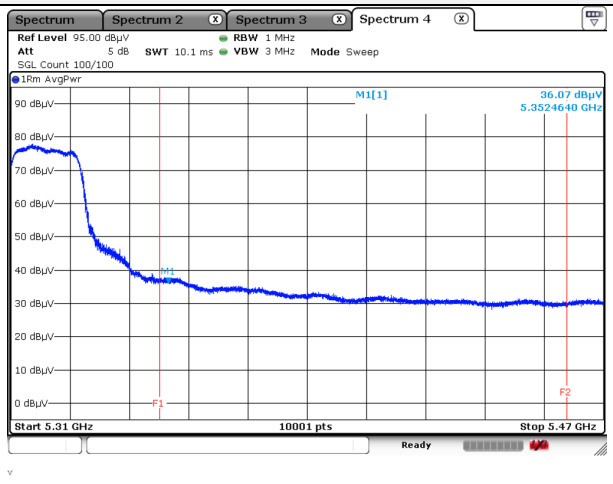
Restricted band // Horizontal // Peak



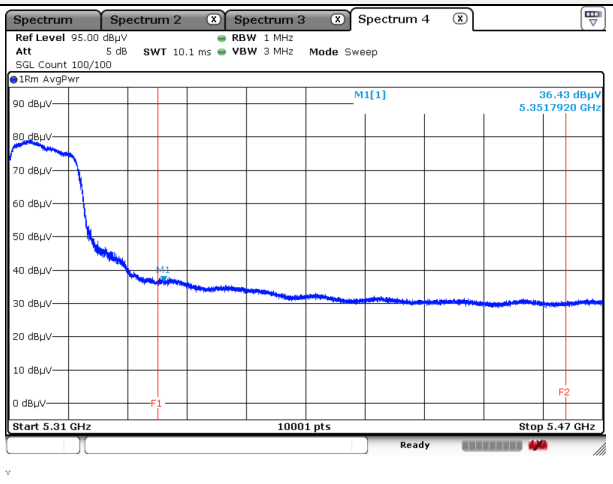
Restricted band // Vertical // Peak



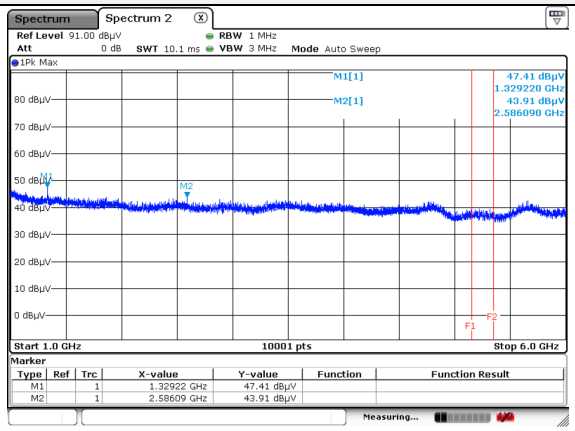
Restricted band // Horizontal // Average



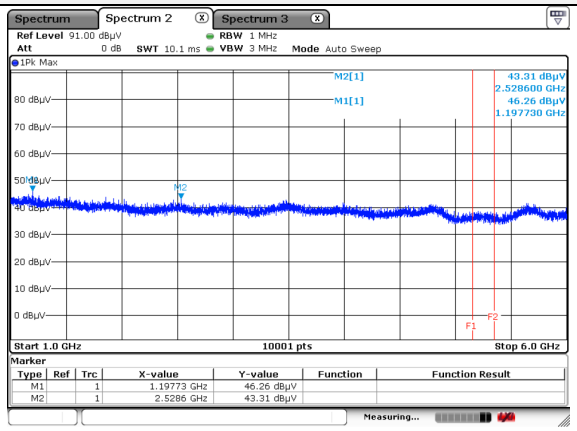
Restricted band // Vertical // Average



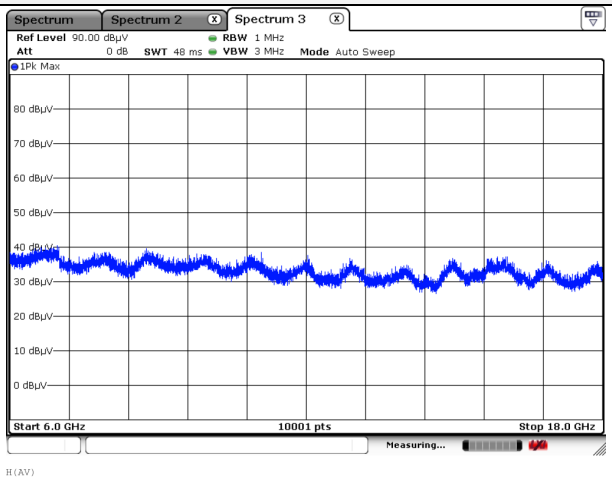
Horizontal // Peak for 1 ㎓ to 6 ㎓



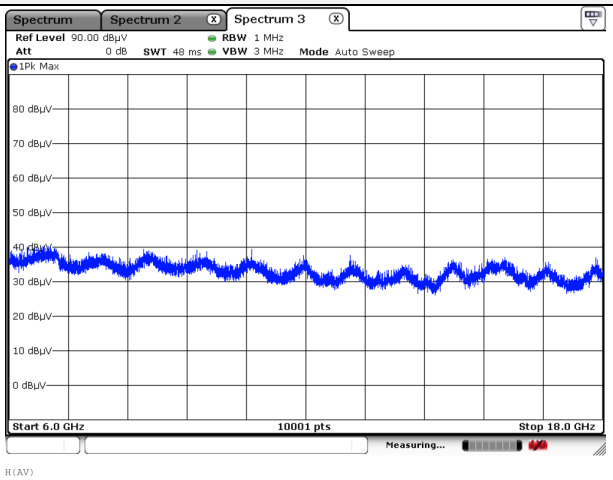
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



Note.
1. No spurious emission were detected above 6 ㎓.
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 kes@kes.co.kr

Mode: 802.11a
Band: UNII-2C
Distance of measurement: 3 meter
Channel: 100

- **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	46.92	Peak	H	-10.42	-	36.50	74.00	37.50
1 355.71	45.14	Peak	V	-8.24	-	36.90	74.00	37.10
2 503.10	42.89	Peak	V	-1.66	-	41.23	68.20	26.97
3 666.98	45.41	Peak	H	0.71	-	46.12	74.00	27.88

- **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)
5 459.66	51.60	Peak	V	6.55	-	58.15	74.00	15.85
5 459.66	34.50	Average	V	6.55	0.18	41.23	54.00	12.77
5 459.70	52.34	Peak	H	6.55	-	58.89	74.00	15.11
5 459.70	35.09	Average	H	6.55	0.18	41.82	54.00	12.18

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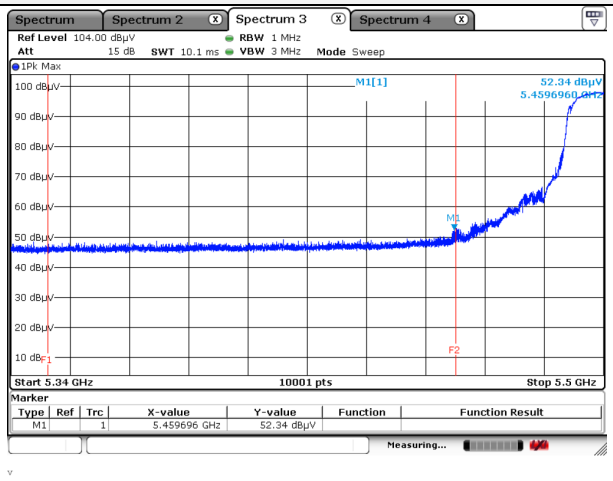
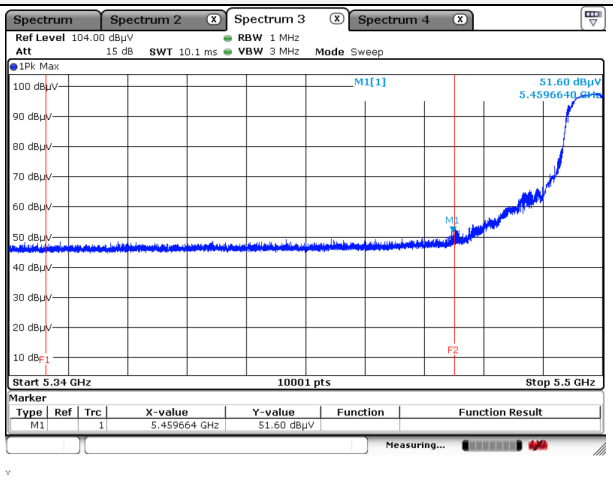
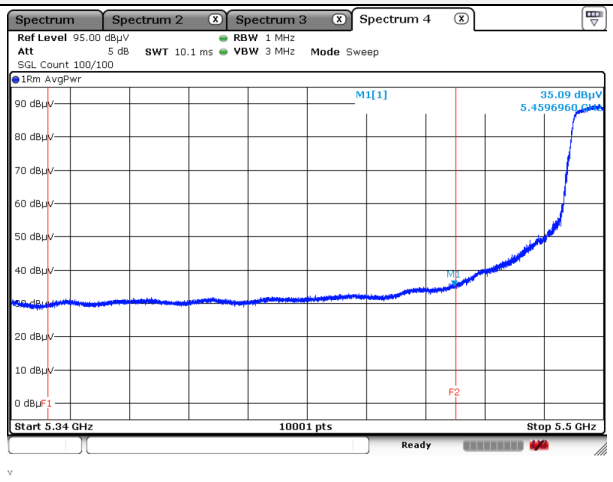
Restricted band // Horizontal // Peak



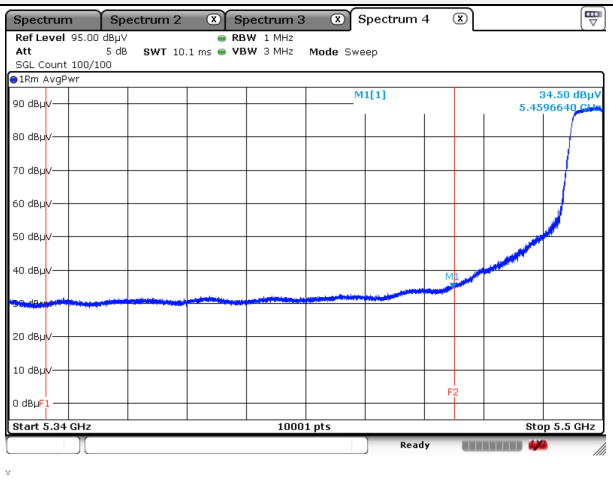
Restricted band // Vertical // Peak



Restricted band // Horizontal // Average



Restricted band // Vertical // Average



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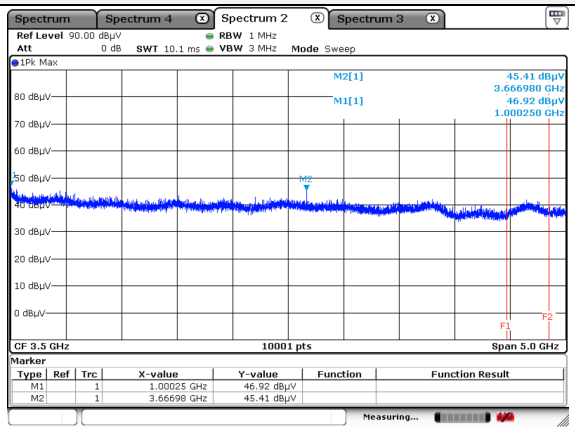
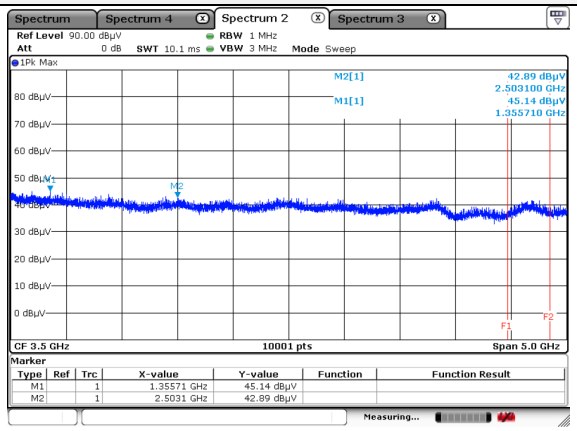
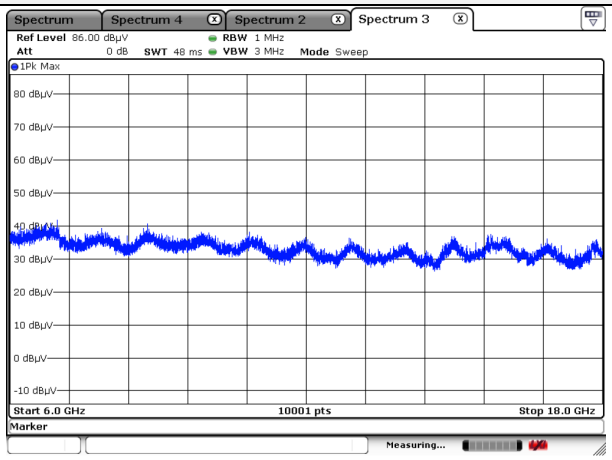
Horizontal // Peak for 1 ㎓ to 6 ㎓



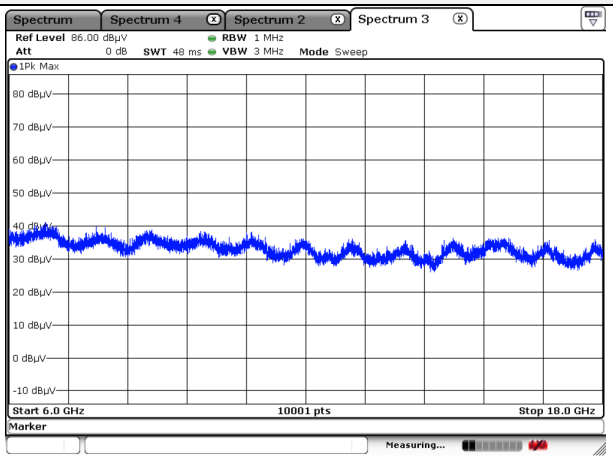
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



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

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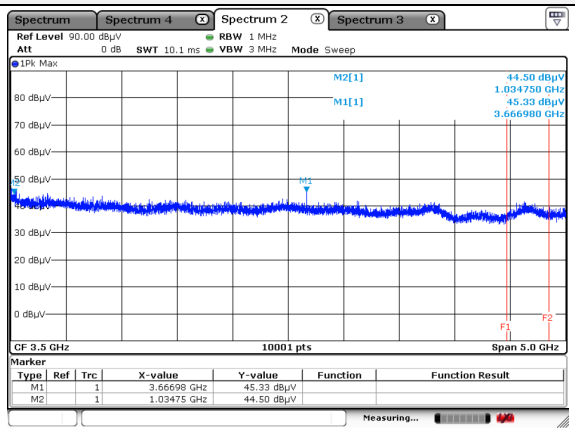
Mode:	802.11a
Band:	UNII-2C
Distance of measurement:	3 meter
Channel:	120

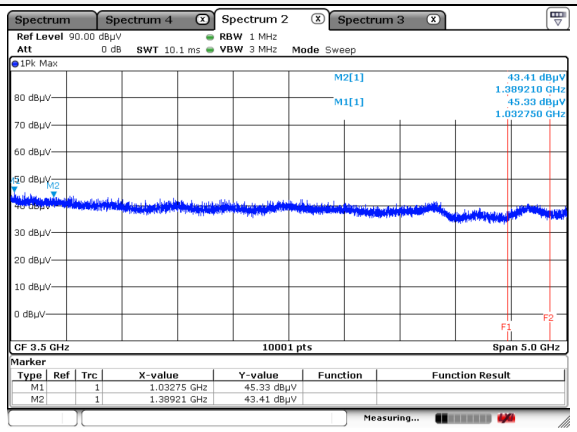
- **Spurious**

Frequency (㎒)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 032.75	45.33	Peak	V	-10.22	-	35.11	74.00	38.89
1 034.75	44.50	Peak	H	-10.21	-	34.29	74.00	39.71
1 389.21	43.41	Peak	V	-8.03	-	35.38	74.00	38.62
3 666.98	45.33	Peak	H	0.71	-	46.04	74.00	27.96

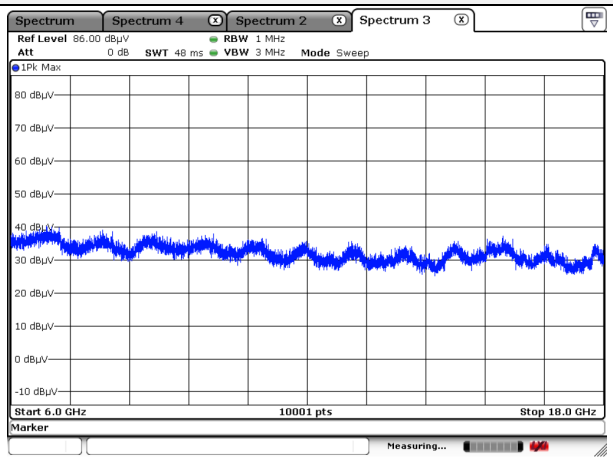
Horizontal // Peak for 1 ㎓ to 6 ㎓



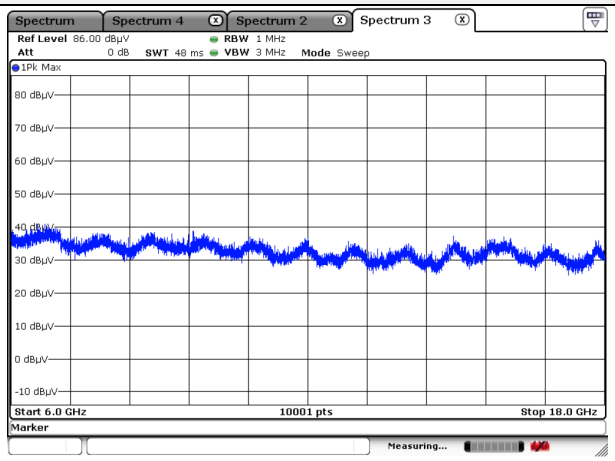
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



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

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Mode: 802.11a
Band: UNII-2C
Distance of measurement: 3 meter
Channel: 140

- **Spurious**

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 013.75	43.78	Peak	V	1013.75	-	33.44	74.00	40.56
1 053.74	43.74	Peak	H	1053.74	-	33.65	74.00	40.35
2 421.61	43.20	Peak	V	2421.61	-	41.53	68.20	26.67
3 800.47	43.47	Peak	H	3800.47	-	44.79	74.00	29.21

- **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)
5 725.82	53.27	Peak	V	7.28	-	60.55	68.20	7.65
5 725.82	37.32	Average	V	7.28	0.18	44.78	48.20	3.42
5 725.93	55.19	Peak	H	7.28	-	63.14	68.20	5.06
5 725.93	37.36	Average	H	7.28	0.18	44.82	48.20	3.38

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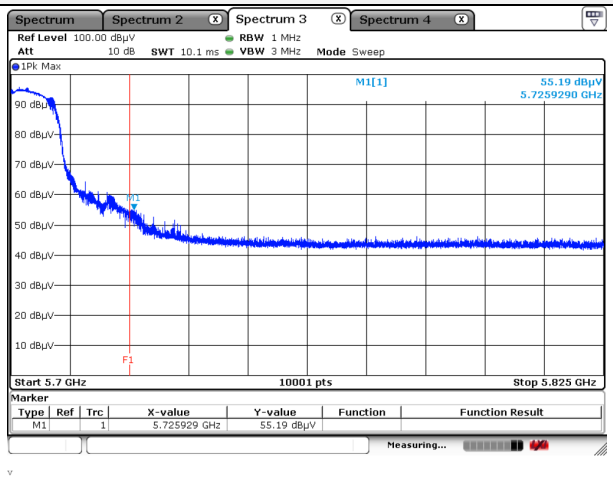
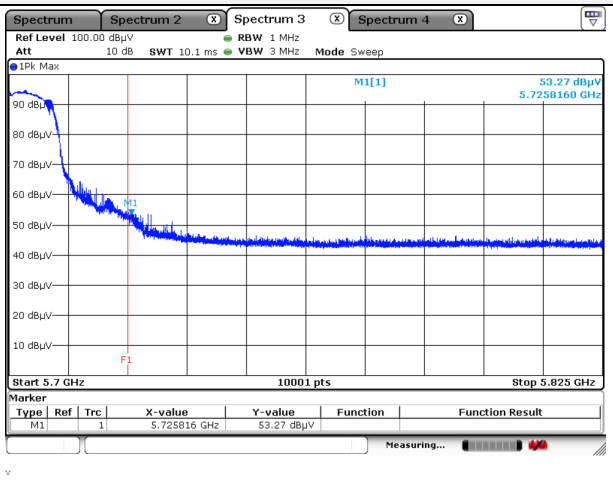
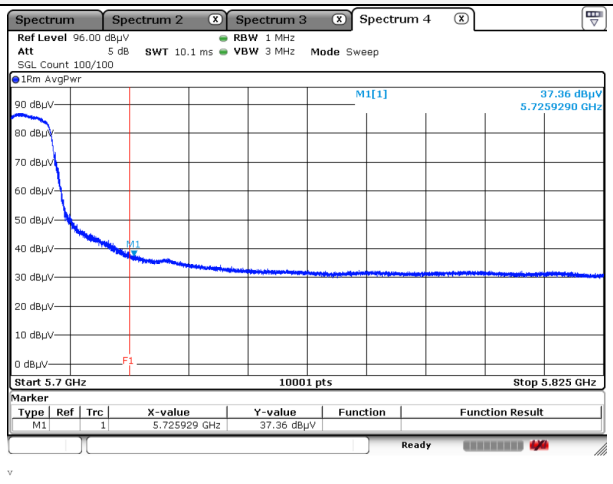
Restricted band // Horizontal // Peak



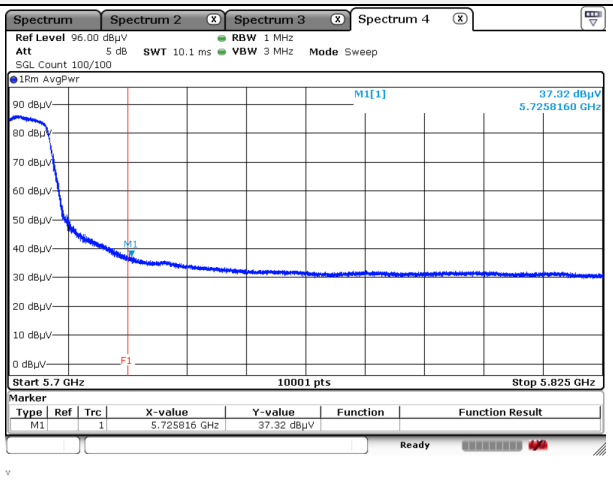
Restricted band // Vertical // Peak



Restricted band // Horizontal // Average



Restricted band // Vertical // Average



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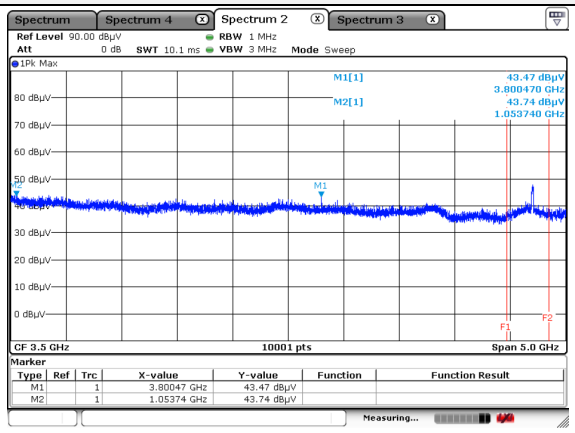
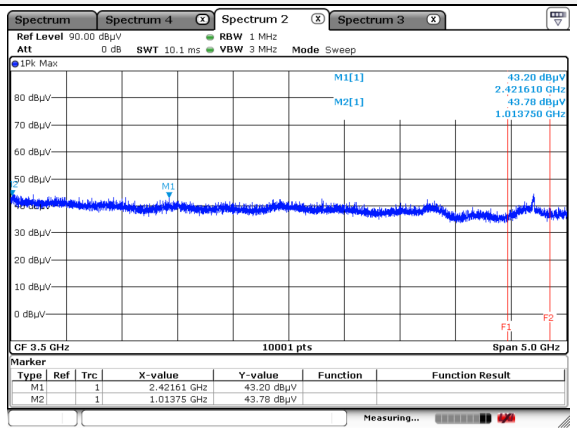
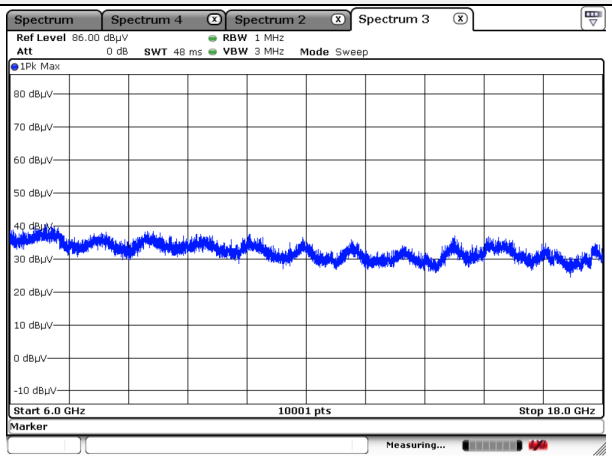
Horizontal // Peak for 1 ㎓ to 6 ㎓



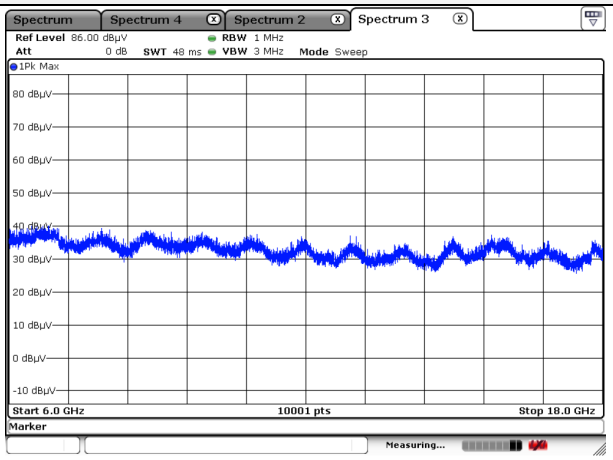
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



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

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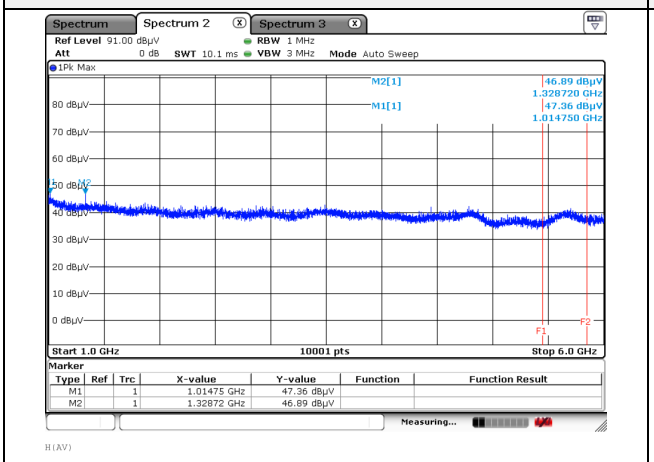
Mode:	802.11a
Band:	UNII-2C
Distance of measurement:	3 meter
Channel:	144

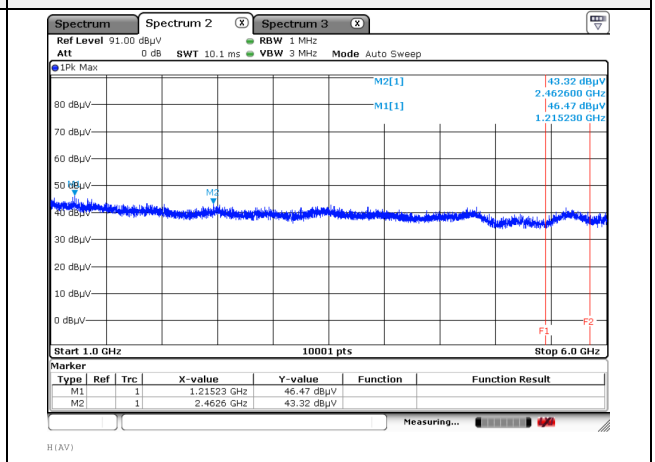
- **Spurious**

Frequency (㎒)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 014.75	47.36	Peak	H	-10.33	-	37.03	74.00	36.97
1 215.23	46.47	Peak	V	-9.11	-	37.36	74.00	36.64
1 328.72	46.89	Peak	H	-8.40	-	38.49	68.20	29.71
2 462.60	43.32	Peak	V	-1.67	-	41.65	74.00	32.35

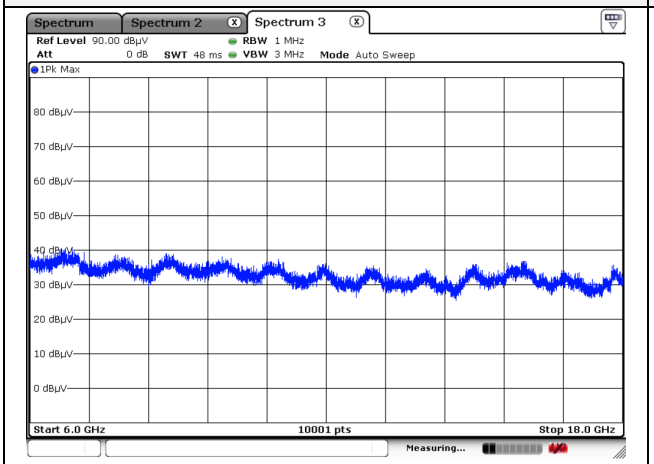
Horizontal // Peak for 1 ㎓ to 6 ㎓



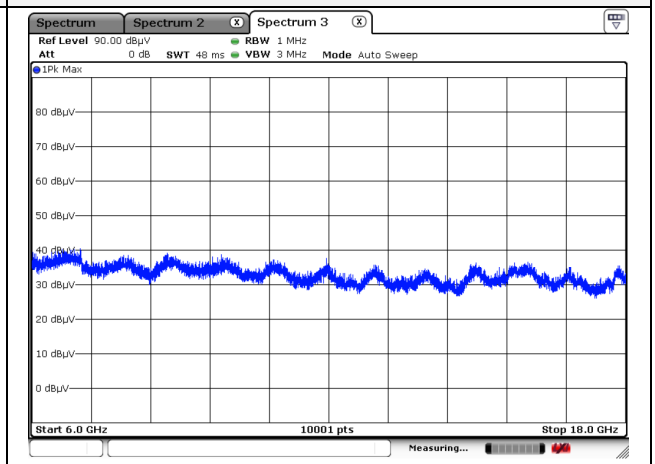
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



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

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Mode: 802.11n_HT20
Band: UNII-2C
Distance of measurement: 3 meter
Channel: 100

- **Spurious**

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 007.25	44.96	Peak	H	-10.37	-	34.59	74.00	39.41
1 009.25	44.38	Peak	V	-10.36	-	34.02	74.00	39.98
2 037.15	42.78	Peak	V	-2.02	-	40.76	68.20	27.44
3 666.98	44.78	Peak	H	0.71	-	45.49	74.00	28.51

- **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)
5 454.72	53.24	Peak	V	6.57	-	59.81	74.00	14.19
5 454.72	34.49	Average	V	6.57	0.04	41.10	54.00	12.90
5 458.34	52.30	Peak	H	6.56	-	58.86	74.00	15.14
5 458.34	35.23	Average	H	6.56	0.04	41.83	54.00	12.17

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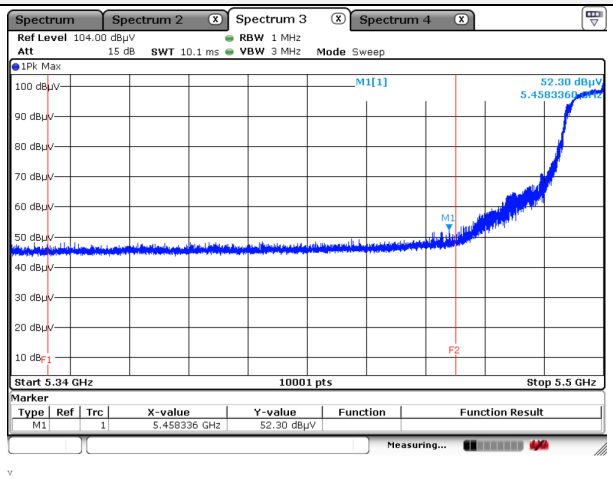
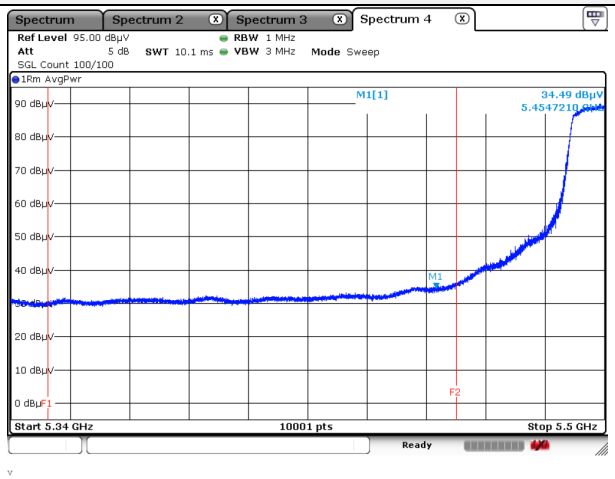
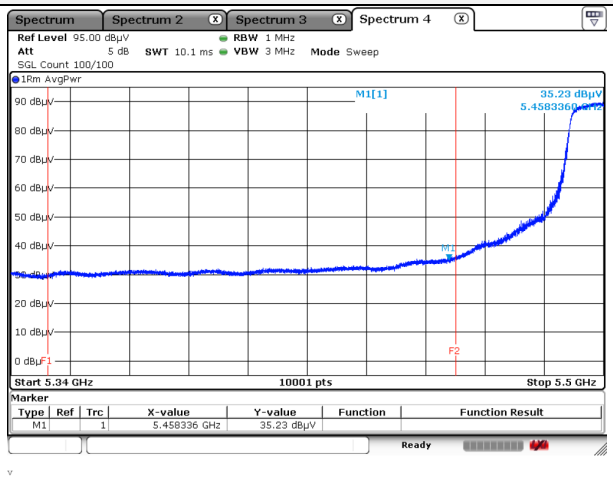
Restricted band // Horizontal // Peak



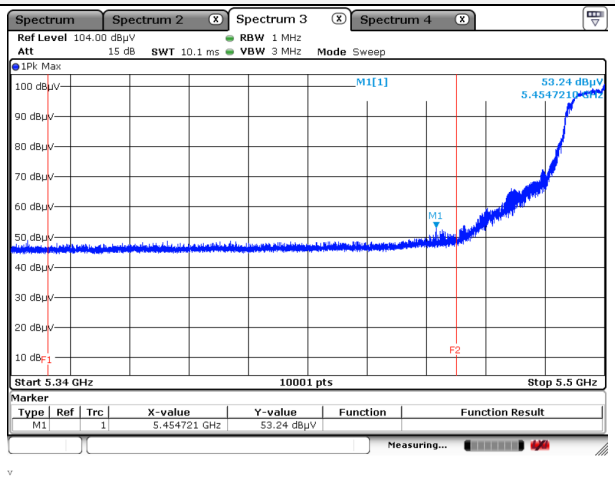
Restricted band // Vertical // Peak



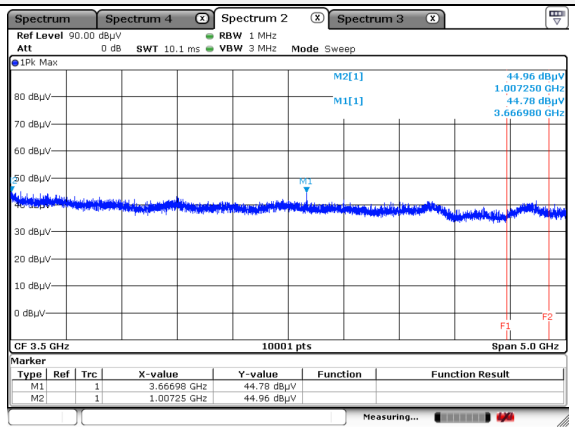
Restricted band // Horizontal // Average



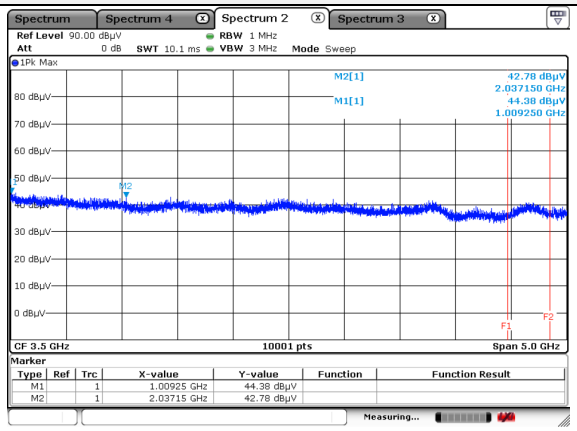
Restricted band // Vertical // Average



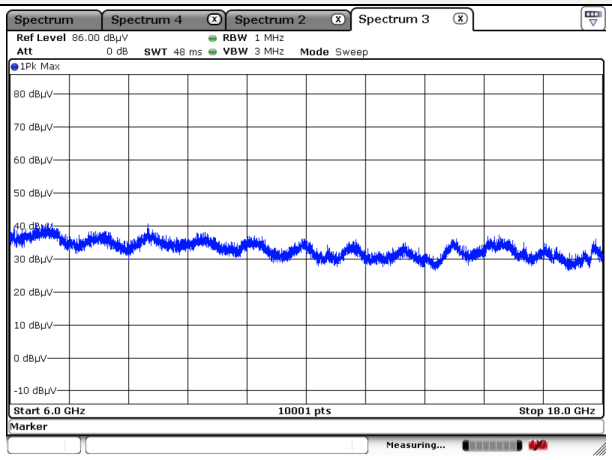
Horizontal // Peak for 1 ㎓ to 6 ㎓



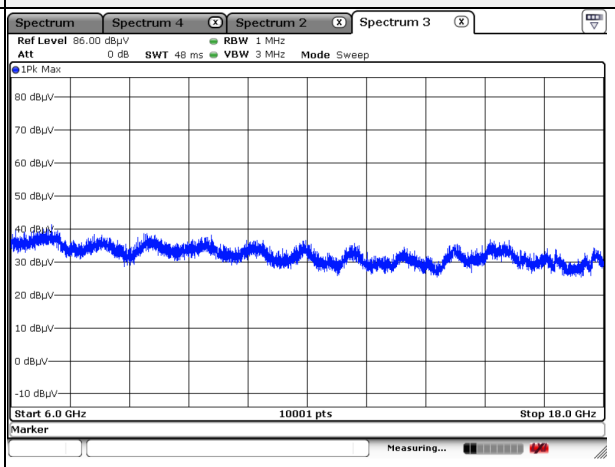
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



NN

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

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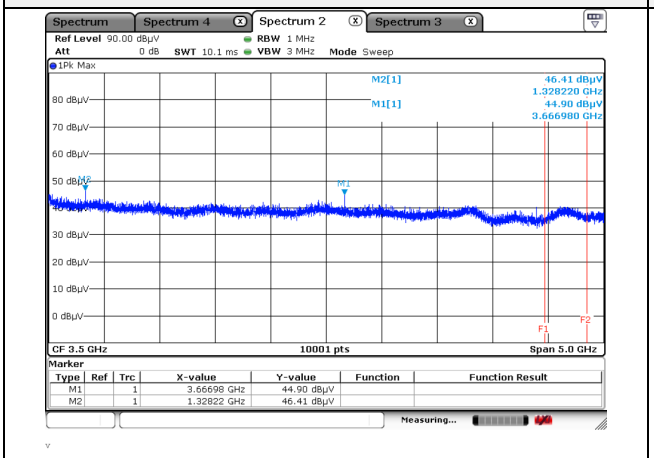
Mode:	802.11n_HT20
Band:	UNII-2C
Distance of measurement:	3 meter
Channel:	120

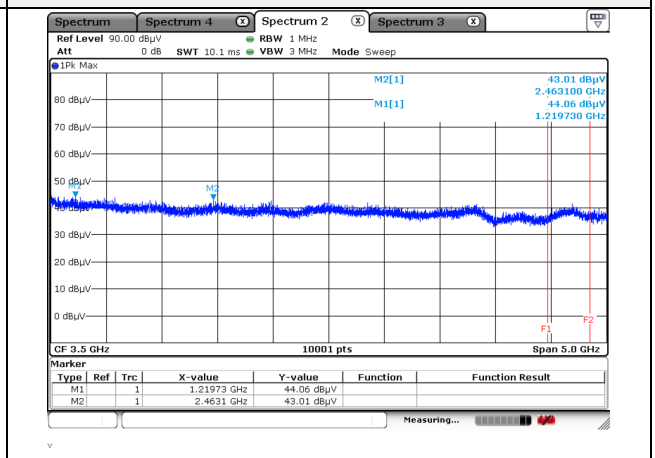
- **Spurious**

Frequency (㎒)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 219.73	44.06	Peak	V	-9.08	-	34.98	74.00	39.02
1 328.22	46.41	Peak	H	-8.41	-	38.00	74.00	36.00
2 463.10	43.01	Peak	V	-1.67	-	41.34	68.20	26.86
3 666.98	44.90	Peak	H	0.71	-	45.61	74.00	28.39

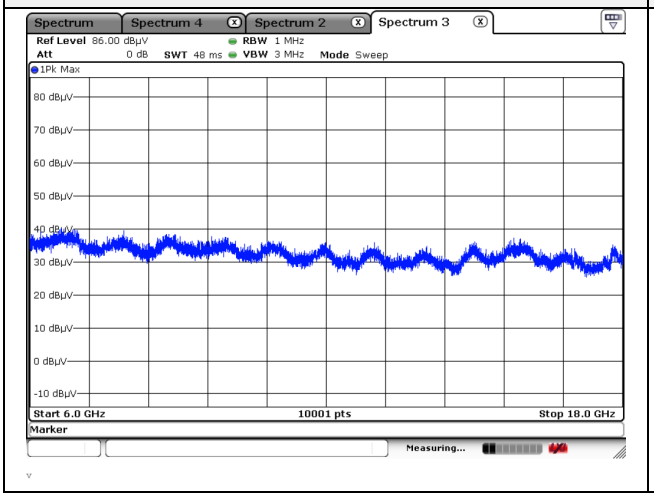
Horizontal // Peak for 1 ㎓ to 6 ㎓



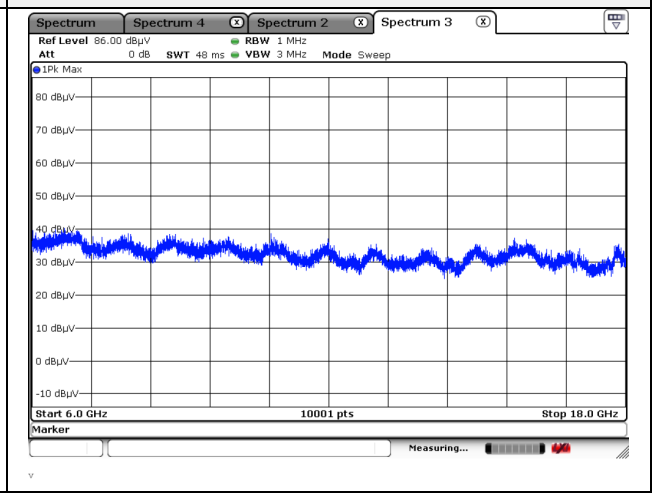
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



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

Mode: 802.11n_HT20
Band: UNII-2C
Distance of measurement: 3 meter
Channel: 140

- **Spurious**

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 009.25	44.20	Peak	V	-10.36	-	33.84	74.00	40.16
1 037.25	43.93	Peak	H	-10.19	-	33.74	74.00	40.26
2 519.60	43.38	Peak	V	-1.61	-	41.77	68.20	26.43
3 851.46	43.23	Peak	H	1.55	-	44.78	74.00	29.22

- **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)
5 725.23	58.50	Peak	H	7.28	-	65.78	68.20	2.42
5 725.23	38.11	Average	H	7.28	0.04	45.43	48.20	2.77
5 725.24	57.33	Peak	V	7.28	-	65.28	68.20	2.92
5 725.24	37.29	Average	V	7.28	0.04	44.61	48.20	3.59

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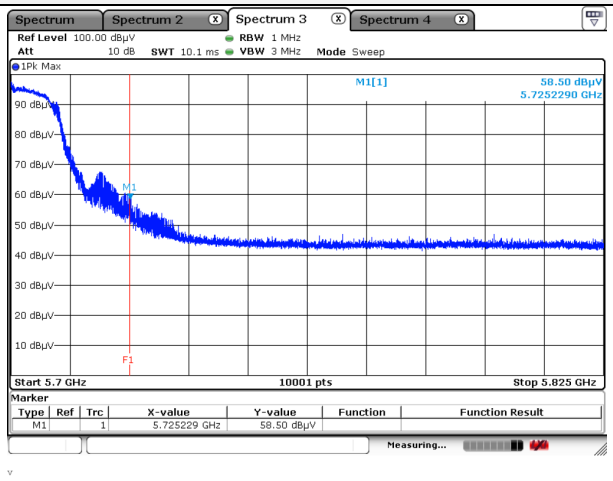
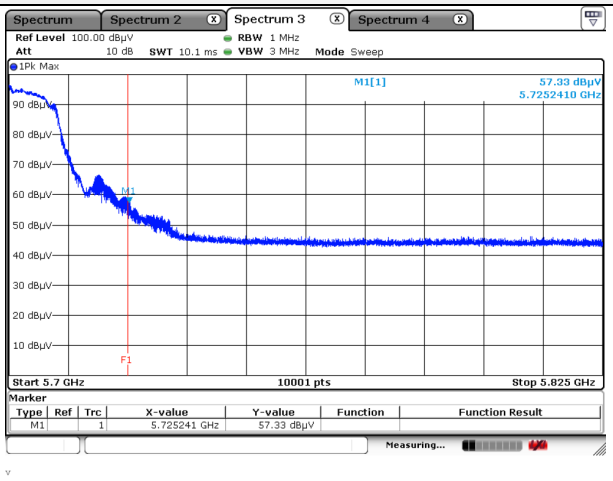
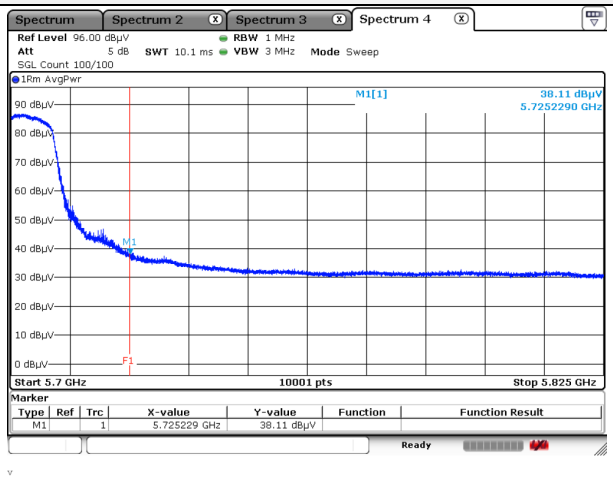
Restricted band // Horizontal // Peak



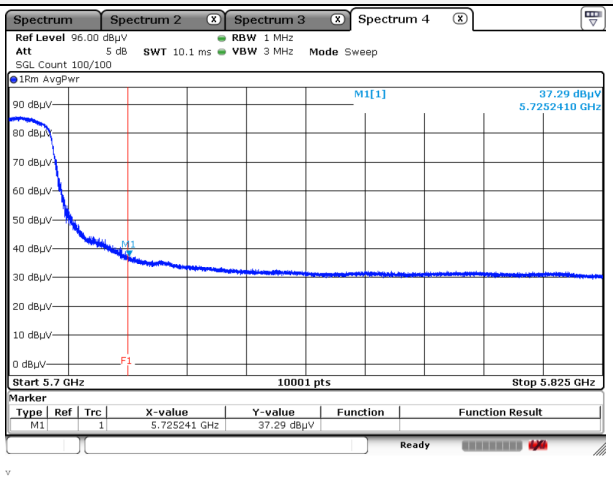
Restricted band // Vertical // Peak



Restricted band // Horizontal // Average



Restricted band // Vertical // Average



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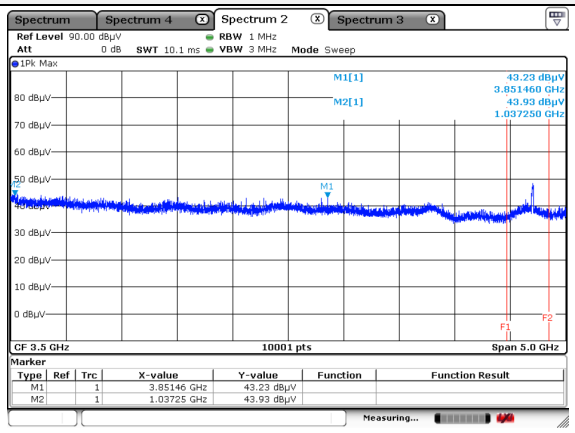
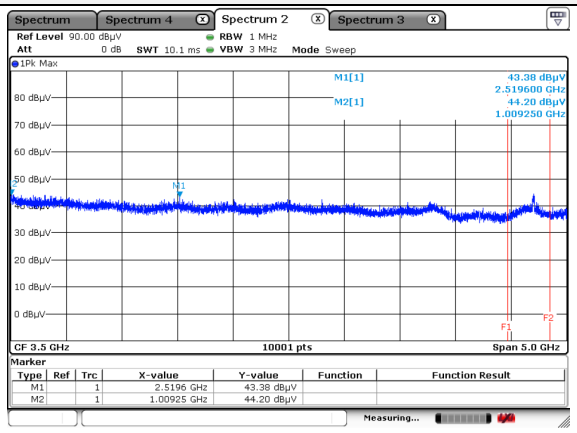
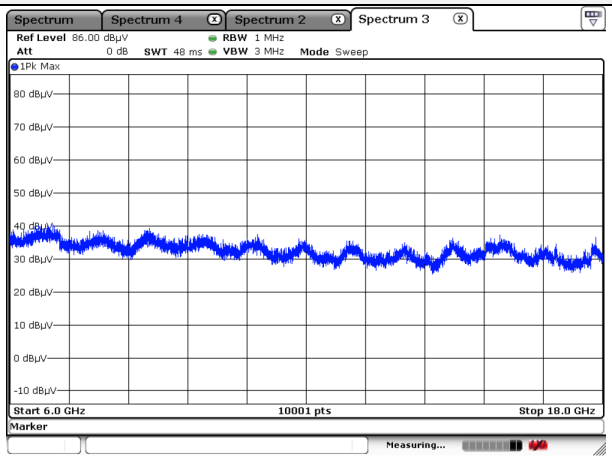
Horizontal // Peak for 1 ㎓ to 6 ㎓



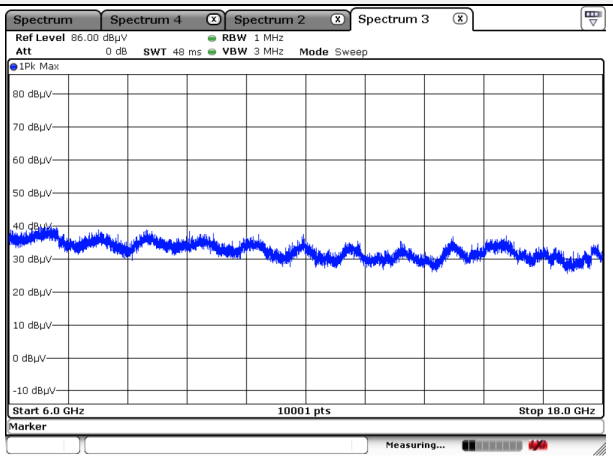
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



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

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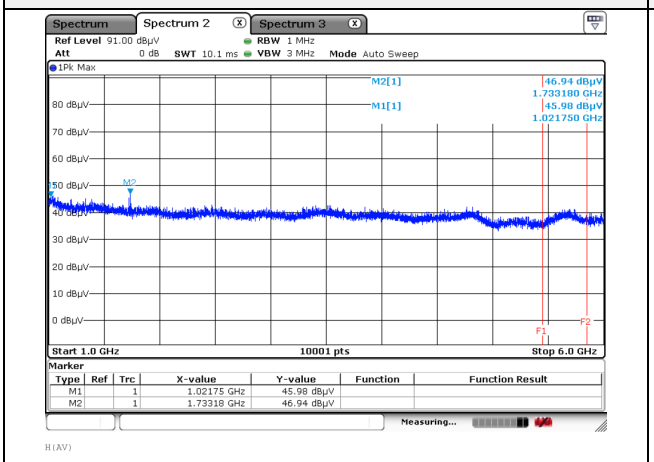
Mode:	802.11n_HT20
Band:	UNII-2C
Distance of measurement:	3 meter
Channel:	144

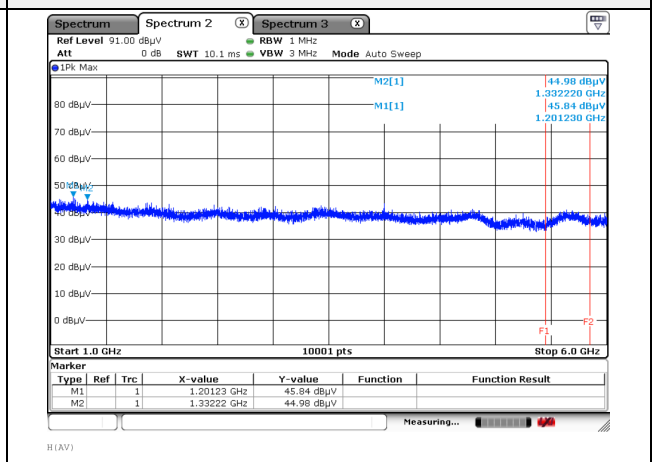
- **Spurious**

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 021.75	45.98	Peak	H	-10.29	-	35.69	74.00	38.31
1 201.23	45.84	Peak	V	-9.19	-	36.65	74.00	37.35
1 332.22	44.98	Peak	V	-8.38	-	36.60	68.20	31.60
1 733.18	46.94	Peak	H	-4.88	-	42.06	74.00	31.94

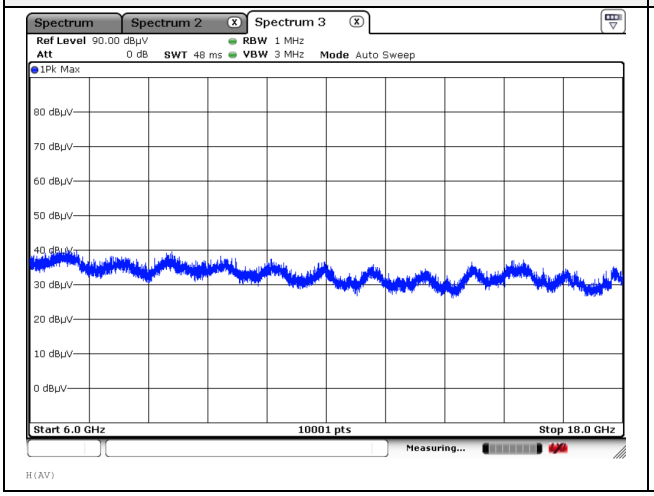
Horizontal // Peak for 1 GHz to 6 GHz



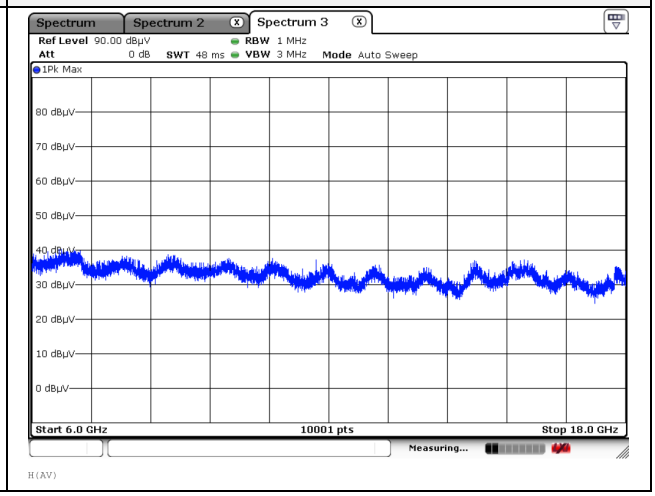
Vertical // Peak for 1 GHz to 6 GHz



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.

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Mode: 802.11n_HT40
Band: UNII-2C
Distance of measurement: 3 meter
Channel: 102

- **Spurious**

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 006.25	45.78	Peak	H	-10.38	-	35.40	74.00	38.60
1 007.75	44.29	Peak	V	-10.37	-	33.92	74.00	40.08
1 876.16	42.77	Peak	V	-3.32	-	39.45	68.20	28.75
3 672.98	44.30	Peak	H	0.74	-	45.04	74.00	28.96

- **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)
5 459.41	54.30	Peak	V	6.56	-	60.86	74.00	13.14
5 459.41	38.88	Average	V	6.56	0.27	45.71	54.00	8.29
5 459.61	54.62	Peak	H	6.55	-	61.17	74.00	12.83
5 459.61	39.17	Average	H	6.55	0.27	45.99	54.00	8.01

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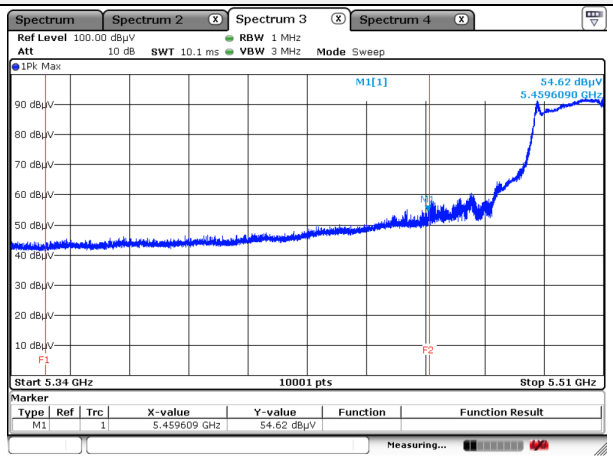
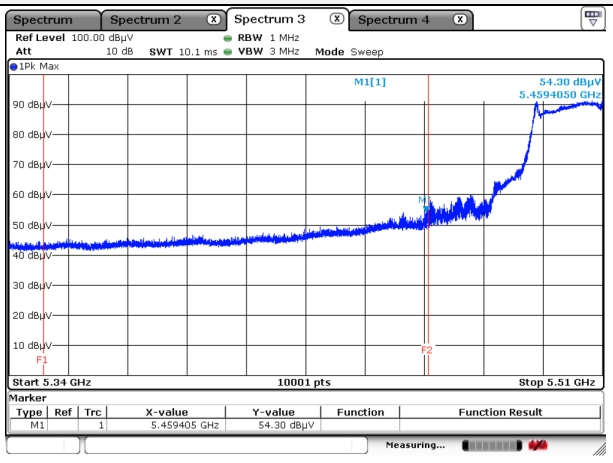
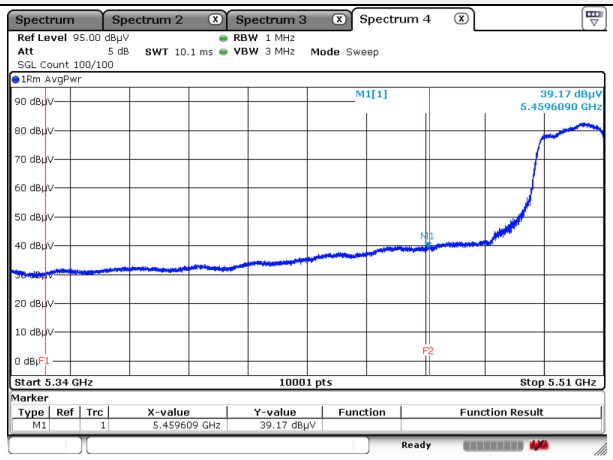
Restricted band // Horizontal // Peak



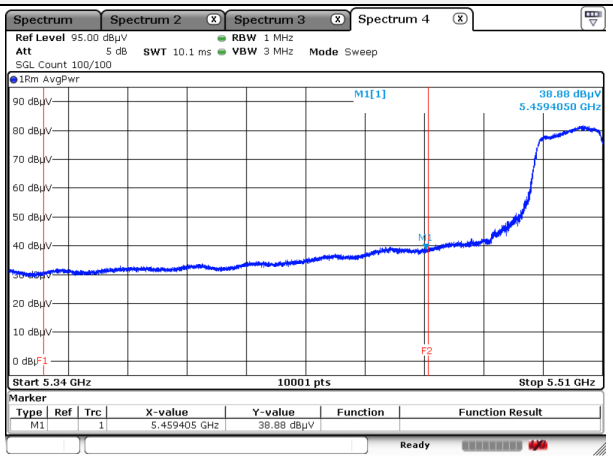
Restricted band // Vertical // Peak



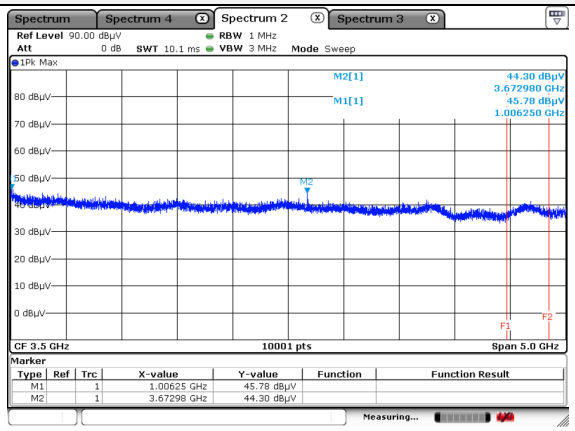
Restricted band // Horizontal // Average



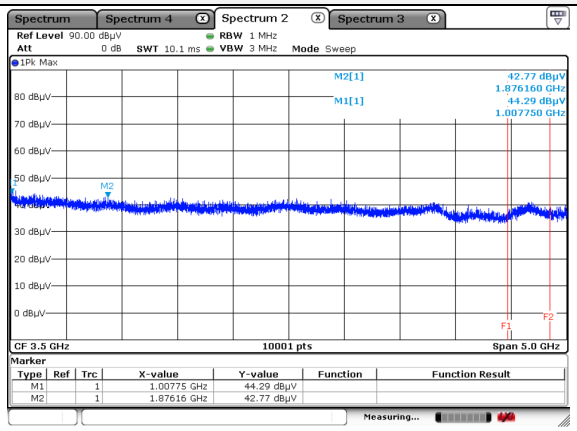
Restricted band // Vertical // Average



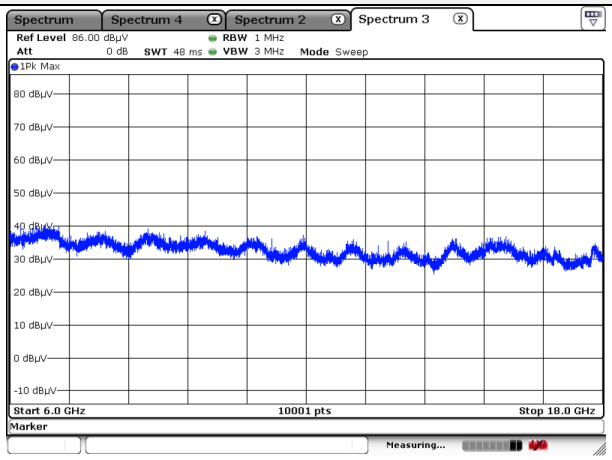
Horizontal // Peak for 1 ㎓ to 6 ㎓



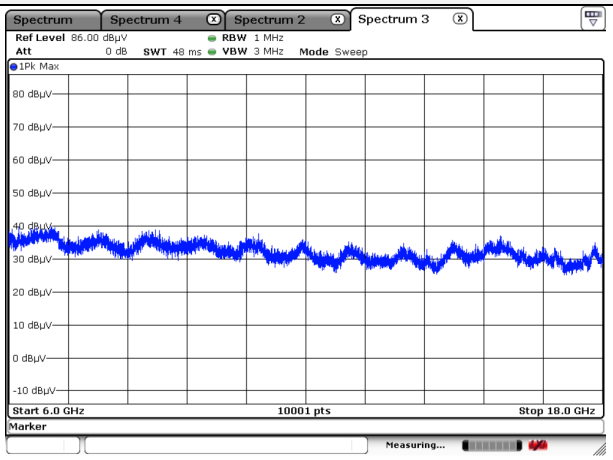
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



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

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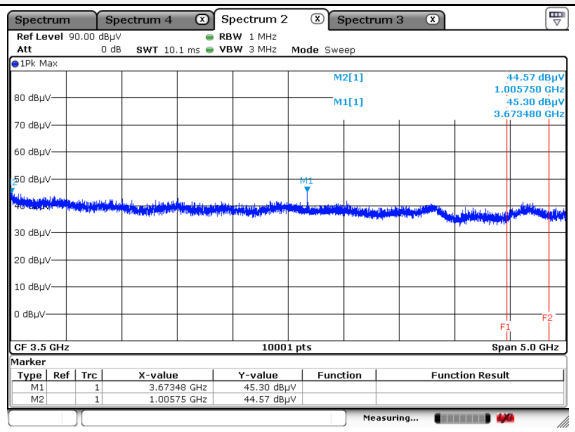
Mode:	802.11n_HT40
Band:	UNII-2C
Distance of measurement:	3 meter
Channel:	118

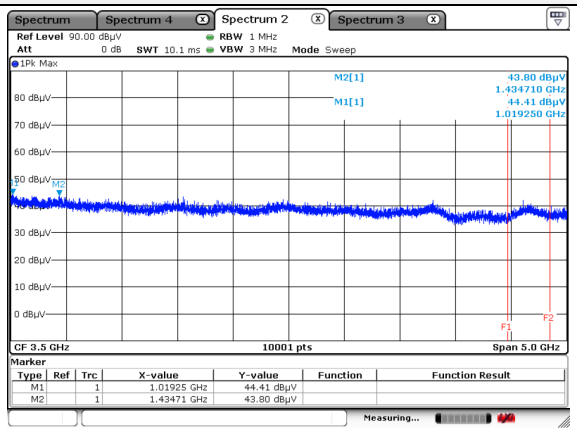
- **Spurious**

Frequency (㎒)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 005.75	44.57	Peak	H	-10.38	-	34.19	74.00	39.81
1 019.25	44.41	Peak	V	-10.30	-	34.11	74.00	39.89
1 434.71	43.80	Peak	V	-7.78	-	36.02	68.20	32.18
3 673.48	45.30	Peak	H	0.74	-	46.04	74.00	27.96

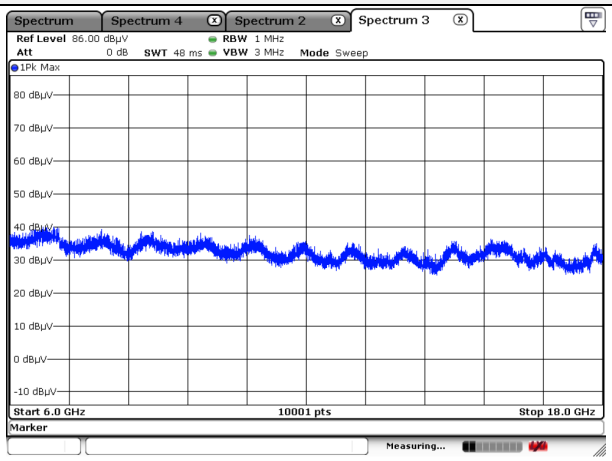
Horizontal // Peak for 1 ㎓ to 6 ㎓



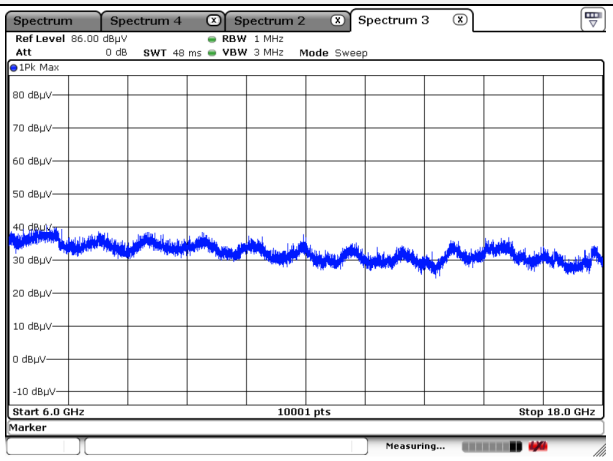
Vertical // Peak for 1 ㎓ to 6 ㎓



Horizontal // Peak for 6 ㎓ to 18 ㎓



Vertical // Peak for 6 ㎓ to 18 ㎓



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

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