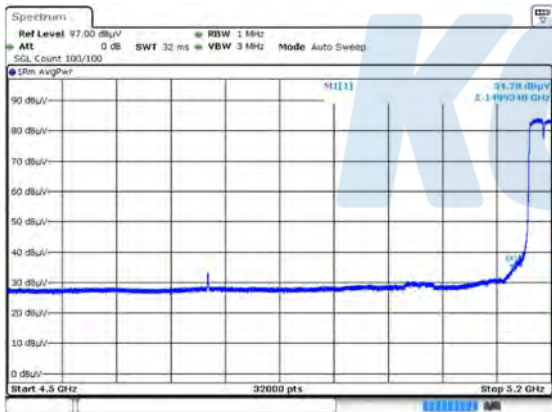


**802.11n HT40 UNII 1 ANT 2**

**Lowest Channel (5 190 MHz)**

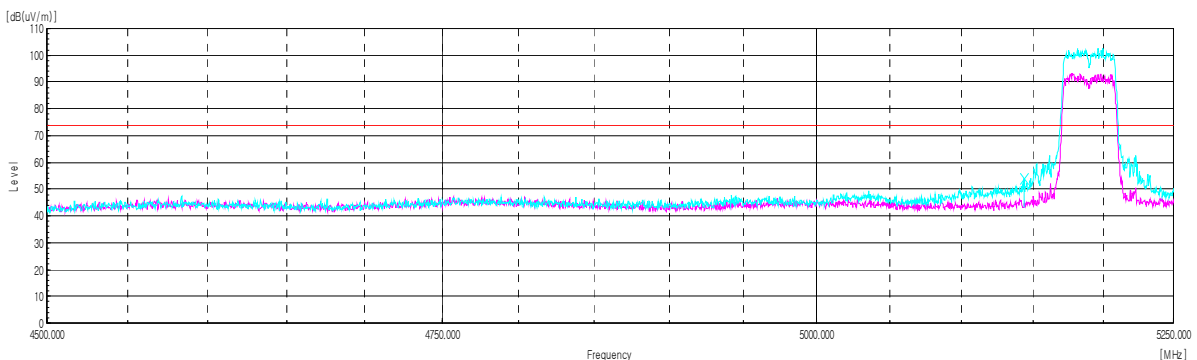
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 149.93 <sup>1)</sup>	V	43.52	34.31	-23.73	-	54.10	74.00	19.90
5 623.01	V	60.82	34.92	-42.34	-	53.40	68.20	14.80
5 766.63	V	63.94	35.07	-42.31	-	56.70	68.20	11.50
6 920.41	V	65.64	35.60	-50.74	-	50.50	68.20	17.70
10 380.19	H	53.13	37.60	-47.93	-	42.80	68.20	25.40
15 572.08 <sup>1)</sup>	H	46.04	40.43	-40.97	-	45.50	74.00	28.50
<b>Average Data</b>								
5 149.93 <sup>1)</sup>	V	34.28	34.31	-23.73	0.44	45.30	54.00	8.70

**Average data (5 149.93 MHz)**

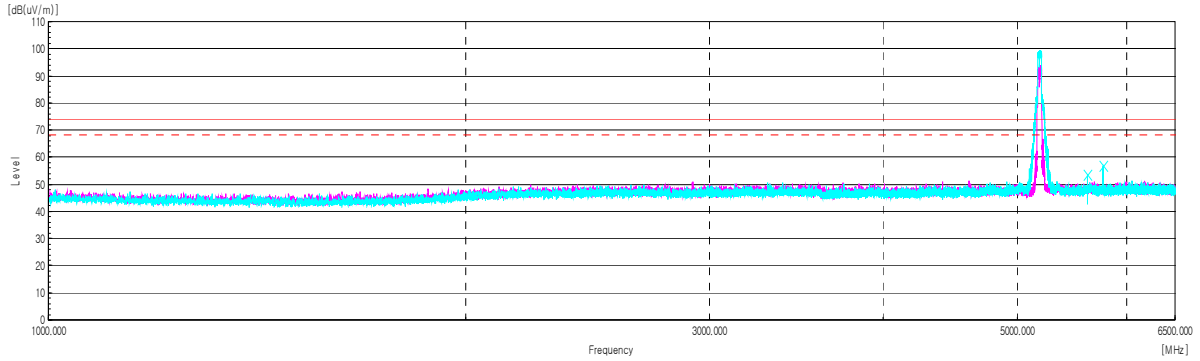


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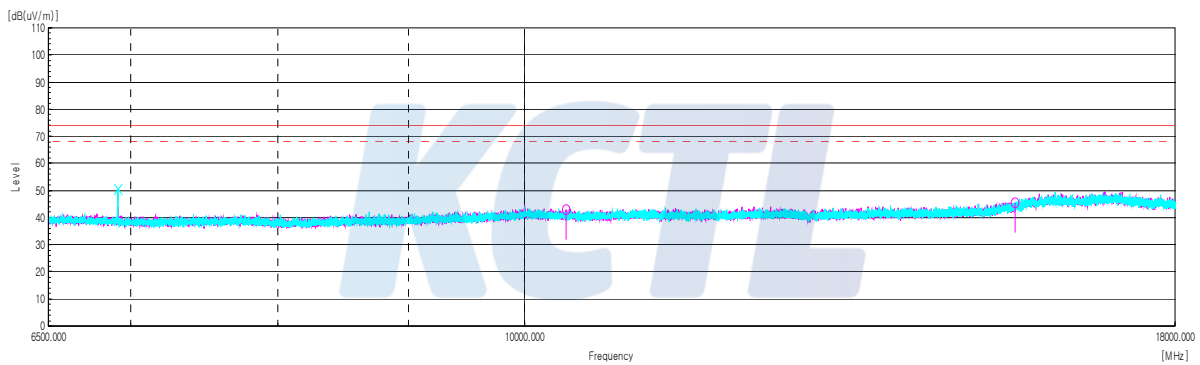
**Horizontal/Vertical for Band-edge**



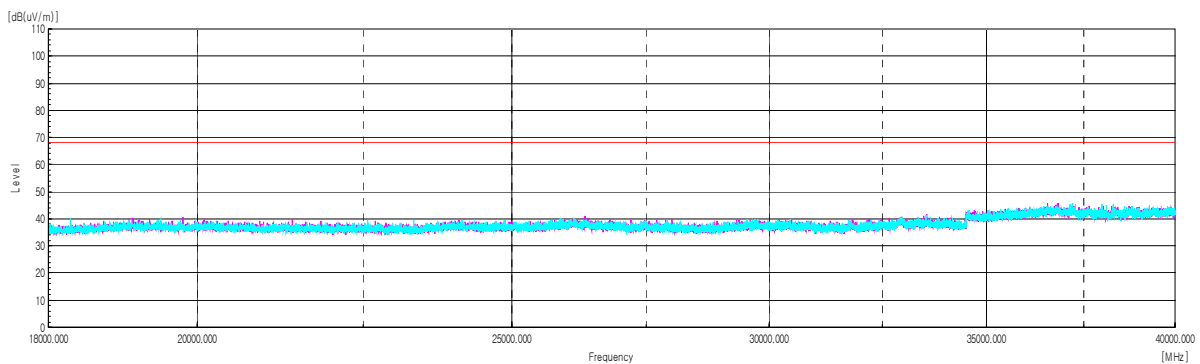
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

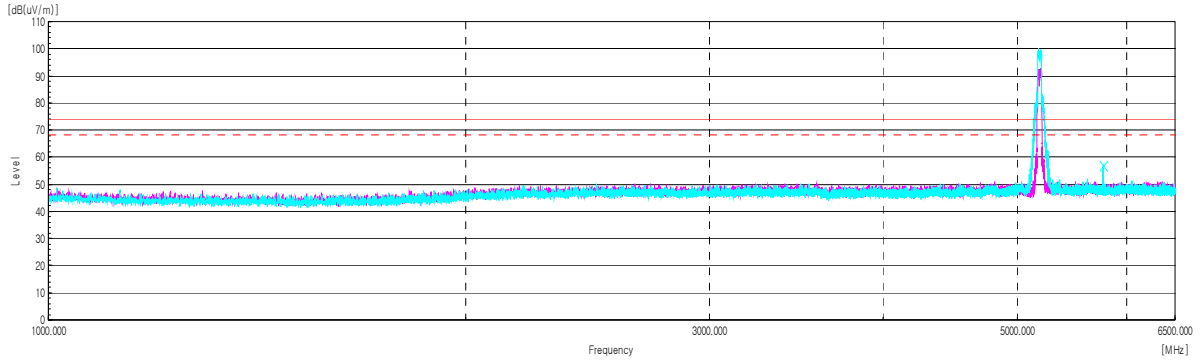


**Highest Channel (5 230 MHz)**

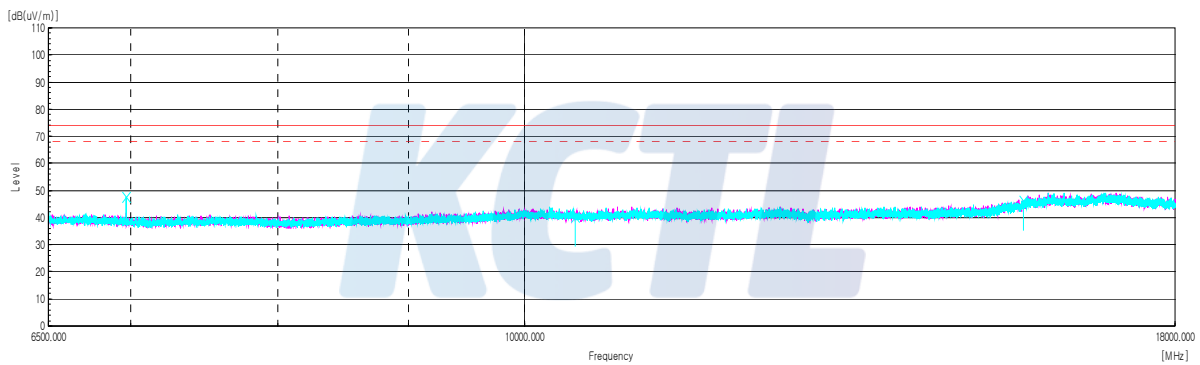
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu V$ ))	Antenna Factor (dB)	Amp. + Cable (dB)	DCF (dB)	Result (dB( $\mu V/m$ ))	Limit (dB( $\mu V/m$ ))	Margin (dB)
<b>Peak data</b>								
5 766.63	V	63.94	35.07	-42.31	-	56.70	68.20	11.50
6 973.44	V	62.95	35.60	-50.75	-	47.80	68.20	20.40
10 462.61	V	50.48	37.60	-47.88	-	40.20	68.20	28.00
15 689.65 <sup>1)</sup>	V	46.04	40.48	-40.42	-	46.10	74.00	27.90
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

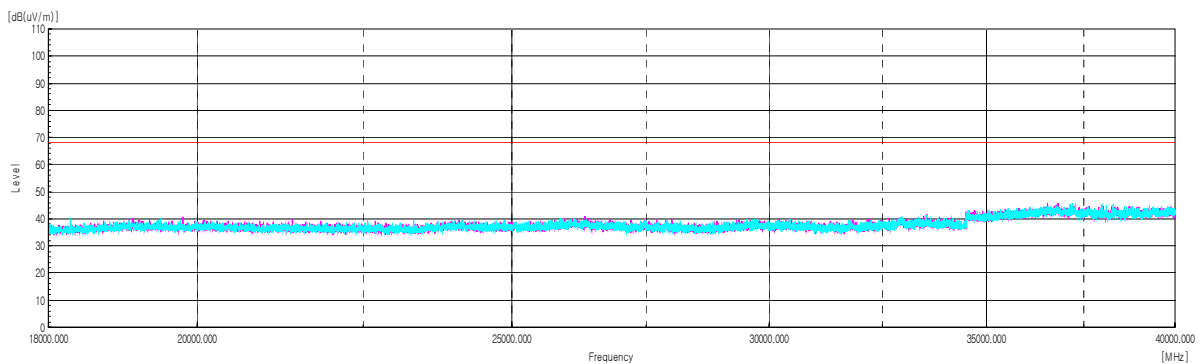
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

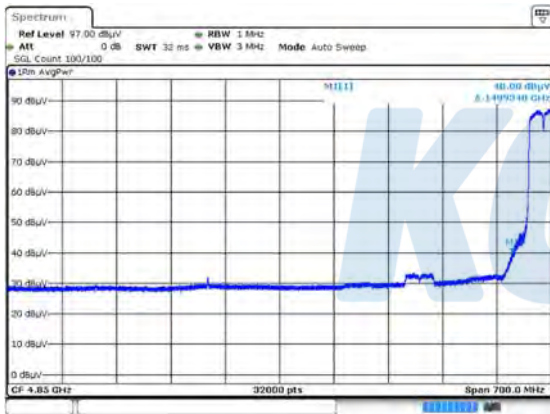


**802.11n HT40 UNII 1 ANT 3**

**Lowest Channel (5 190 MHz)**

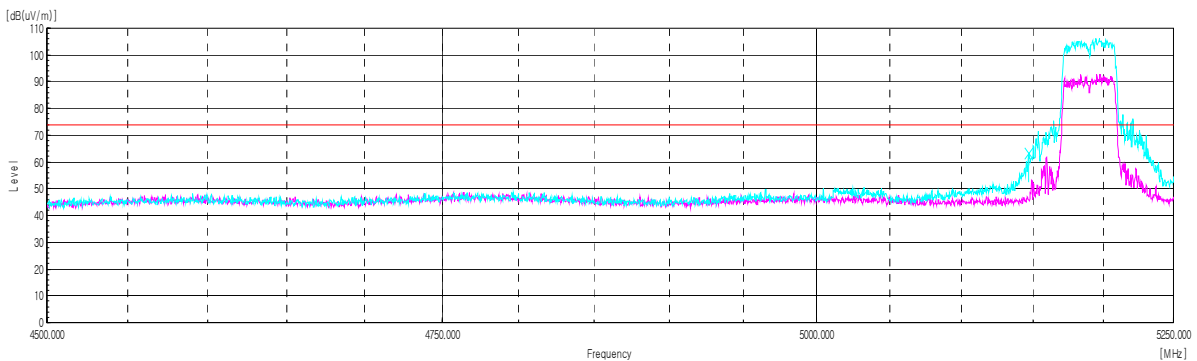
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu V$ ))	(dB)	(dB)	(dB)	(dB( $\mu V/m$ ))	(dB( $\mu V/m$ ))	(dB)
<b>Peak data</b>								
5 149.93 <sup>1)</sup>	V	52.72	34.31	-23.73	-	63.30	74.00	10.70
5 766.63	V	60.44	35.07	-42.31	-	53.20	68.20	15.00
10 394.24	V	58.62	37.60	-47.92	-	48.30	68.20	19.90
15 586.14 <sup>1)</sup>	V	43.68	40.43	-40.91	-	43.20	74.00	30.80
<b>Average Data</b>								
5 149.93 <sup>1)</sup>	V	40.00	34.31	-23.73	0.44	51.02	54.00	2.98

**Average data (5 149.93 MHz)**

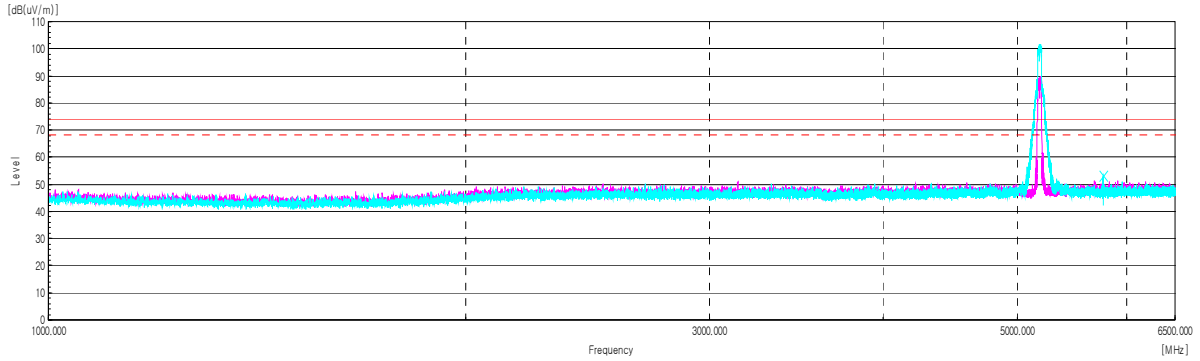


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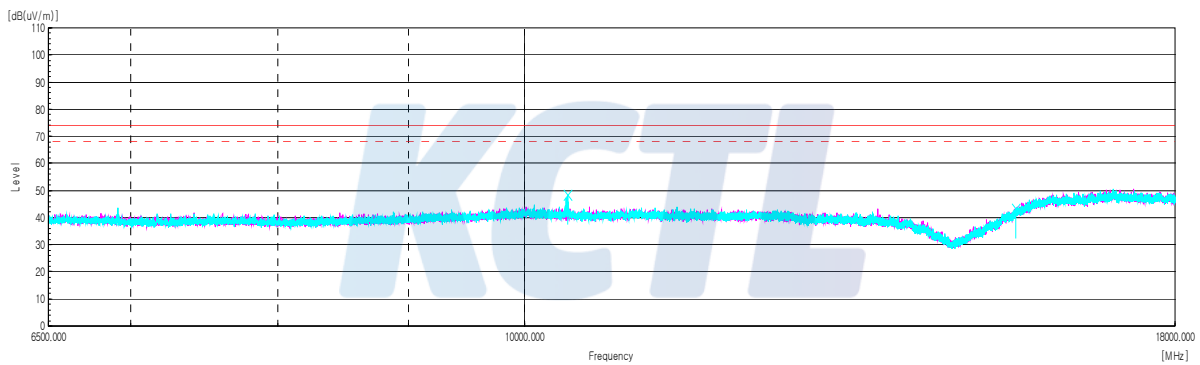
**Horizontal/Vertical for Band-edge**



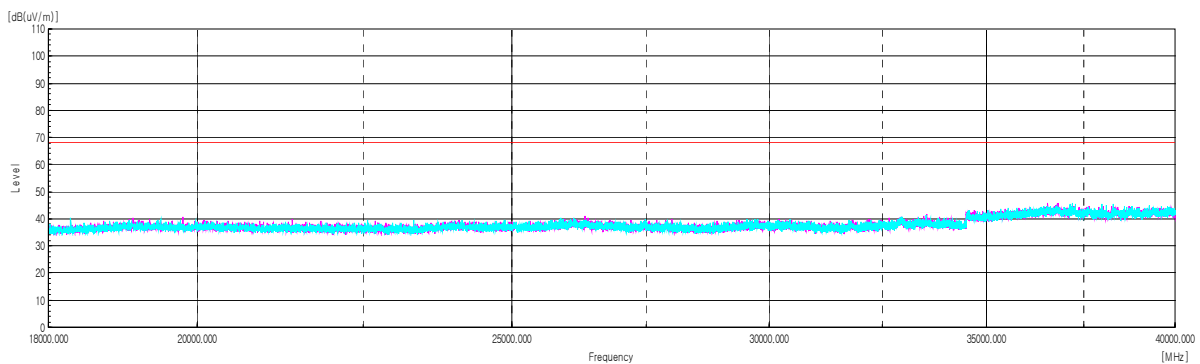
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

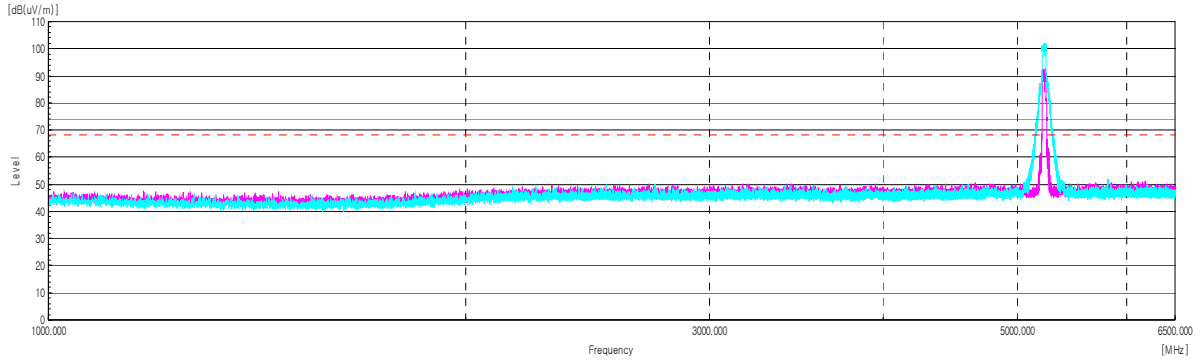


**Highest Channel (5 230 MHz)**

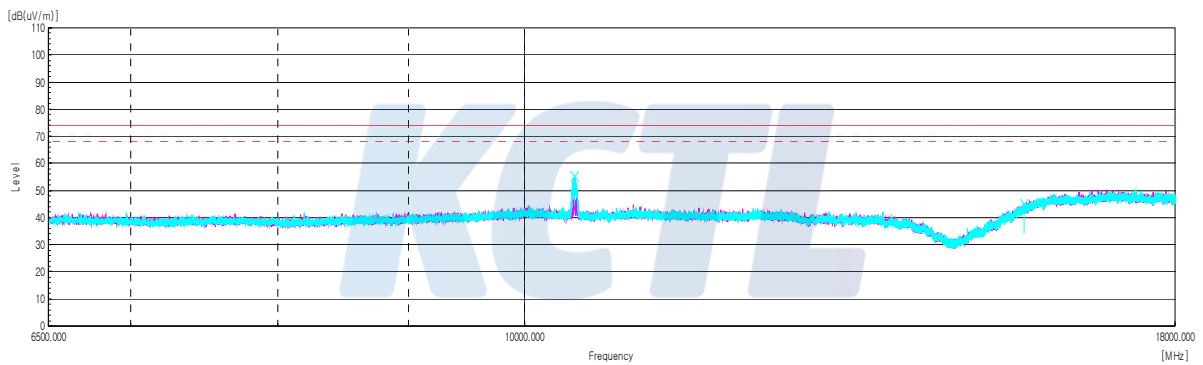
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu V$ ))	Antenna Factor (dB)	Amp. + Cable (dB)	DCF (dB)	Result (dB( $\mu V/m$ ))	Limit (dB( $\mu V/m$ ))	Margin (dB)
<b>Peak data</b>								
10 459.41	V	65.48	37.60	-47.88	-	55.20	68.20	13.00
15 699.23 <sup>1)</sup>	V	45.19	40.48	-40.37	-	45.30	74.00	28.70
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

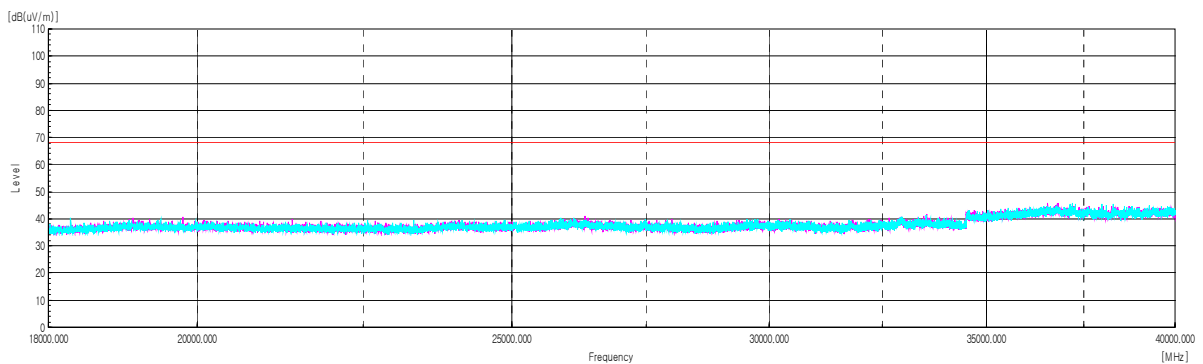
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**



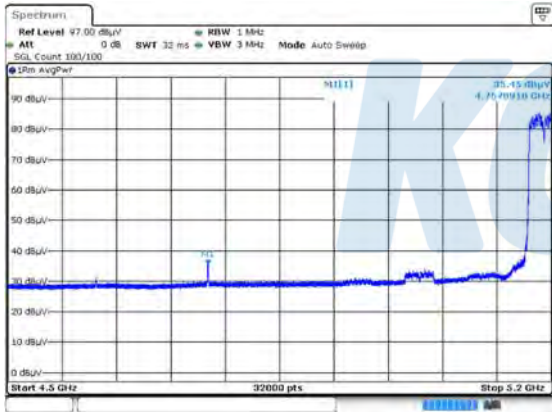


**802.11n HT40 UNII 1 4TX MIMO**

**Lowest Channel (5 190 MHz)**

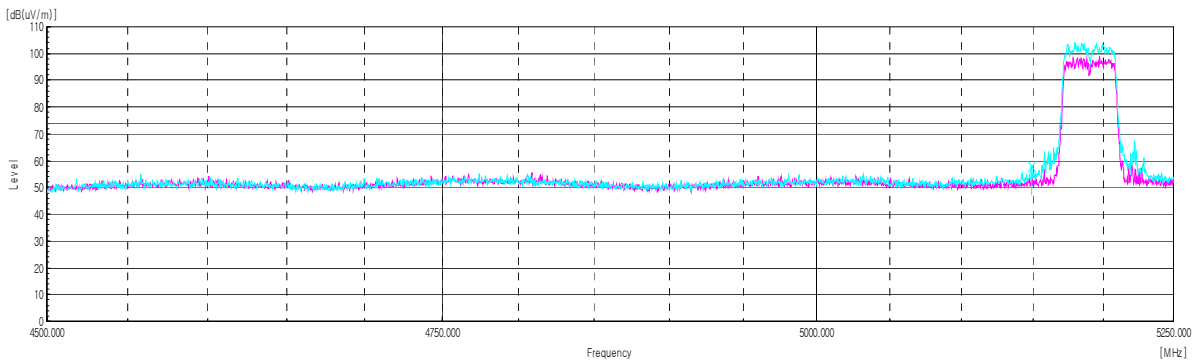
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
4 757.89 <sup>1)</sup>	V	47.65	34.15	-24.00	-	57.80	74.00	16.20
5 766.63	V	68.84	35.07	-42.31	-	61.60	68.20	6.60
6 920.41	V	65.14	35.60	-50.74	-	50.00	68.20	18.20
10 385.30	V	52.53	37.60	-47.93	-	42.20	68.20	26.00
15 543.97 <sup>1)</sup>	V	42.58	40.42	-41.10	-	41.90	74.00	32.10
<b>Average Data</b>								
4 757.89 <sup>1)</sup>	V	35.45	34.15	-24.00	0.44	46.04	54.00	7.96

**Average data (4 757.89 MHz)**

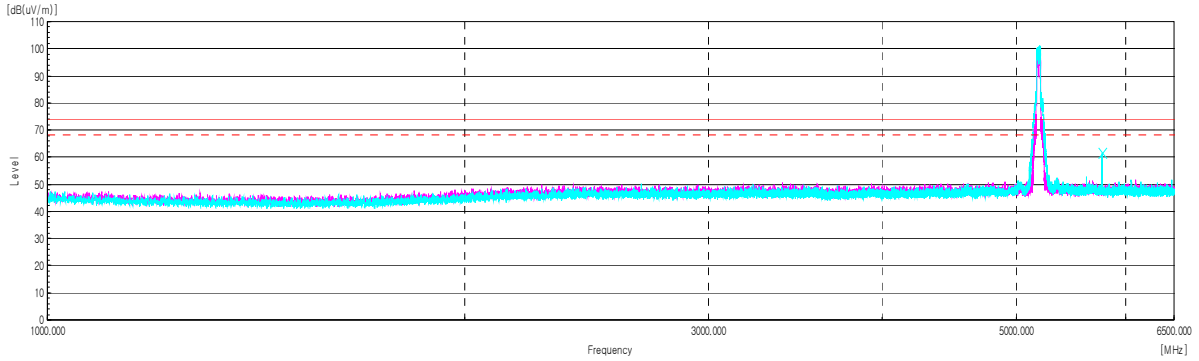


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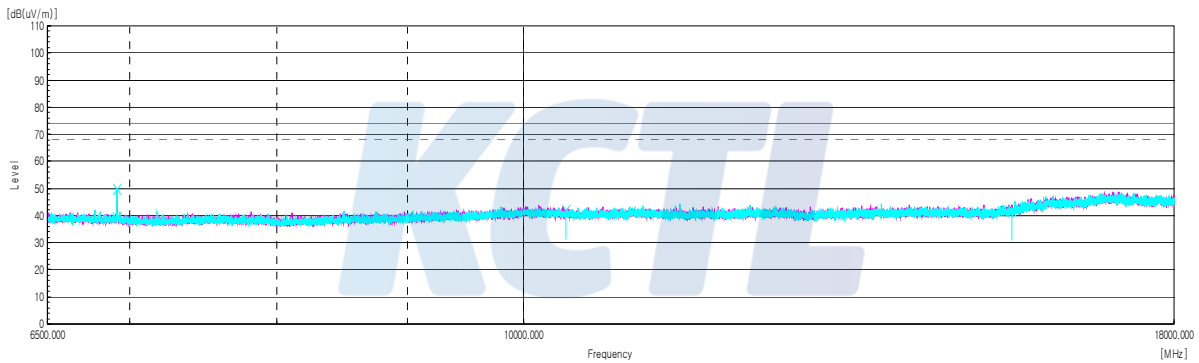
**Horizontal/Vertical for Band-edge**



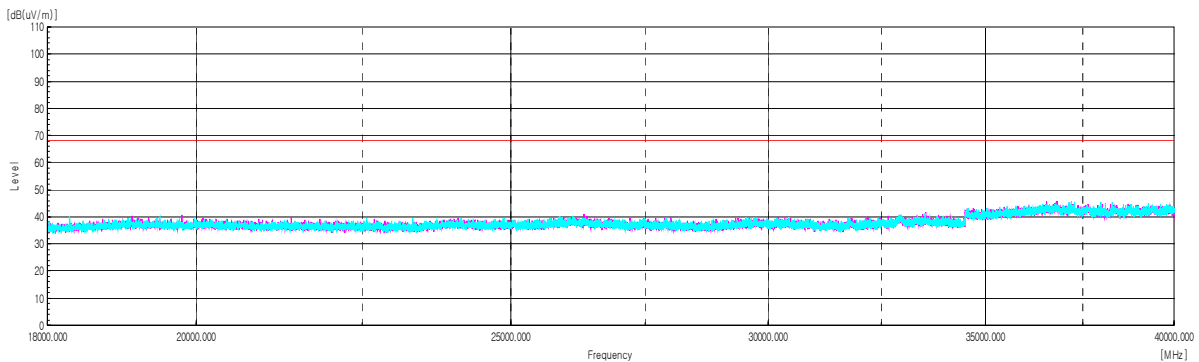
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

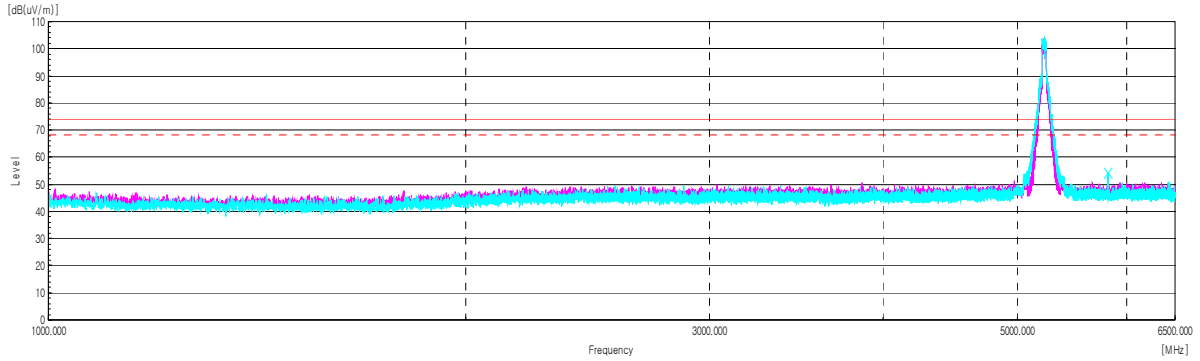


**Highest Channel (5 230 MHz)**

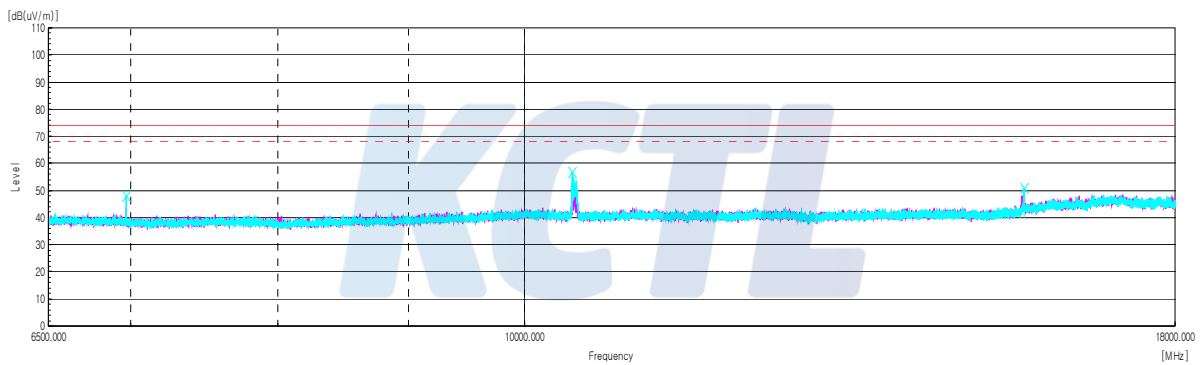
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu$ V))	Antenna Factor (dB)	Amp. + Cable (dB)	DCF (dB)	Result (dB( $\mu$ V/m))	Limit (dB( $\mu$ V/m))	Margin (dB)
<b>Peak data</b>								
5 810.93	V	61.65	35.11	-42.36	-	54.40	68.20	13.80
6 973.44	V	63.15	35.60	-50.75	-	48.00	68.20	20.20
10 438.33	V	67.00	37.60	-47.90	-	56.70	68.20	11.50
15 700.51 <sup>1)</sup>	V	50.79	40.48	-40.37	-	50.90	74.00	23.10
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

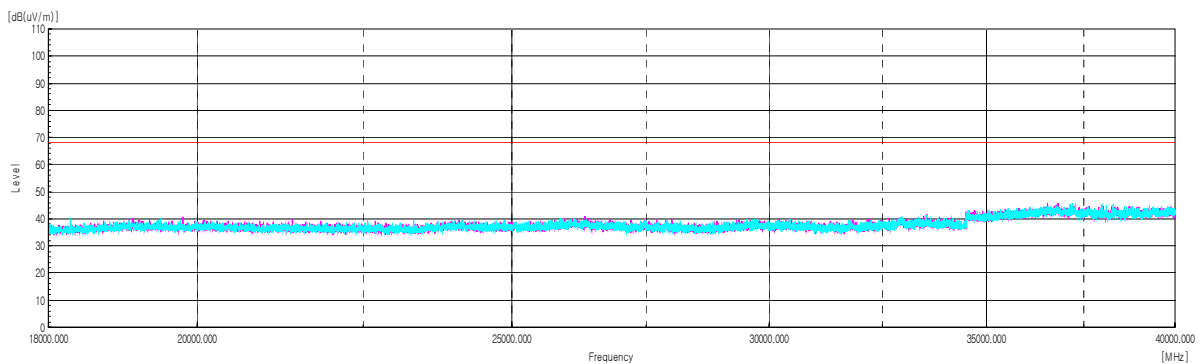
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

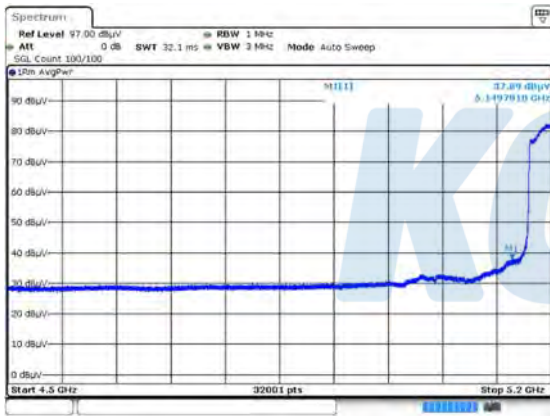


**802.11ac VHT80 UNII 1 ANT 0**

**Middle Channel (5 210 MHz)**

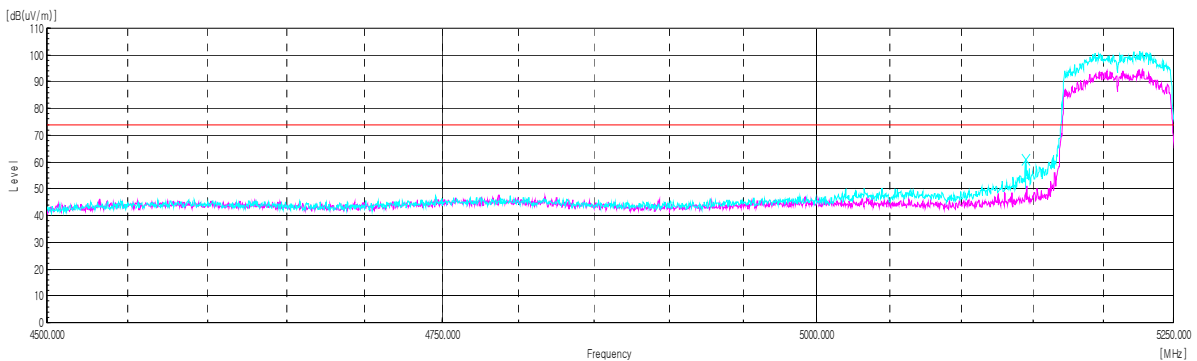
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 149.78 <sup>1)</sup>	V	50.52	34.31	-23.73	-	61.10	74.00	12.90
6 946.61	V	59.85	35.60	-50.75	-	44.70	68.20	23.50
10 391.05	V	54.23	37.60	-47.93	-	43.90	68.20	24.30
15 634.06 <sup>1)</sup>	H	40.83	40.45	-40.68	-	40.60	74.00	33.40
<b>Average Data</b>								
5 149.78 <sup>1)</sup>	V	37.89	34.31	-23.73	0.27	48.74	54.00	5.26

**Average data (5 149.78 MHz)**

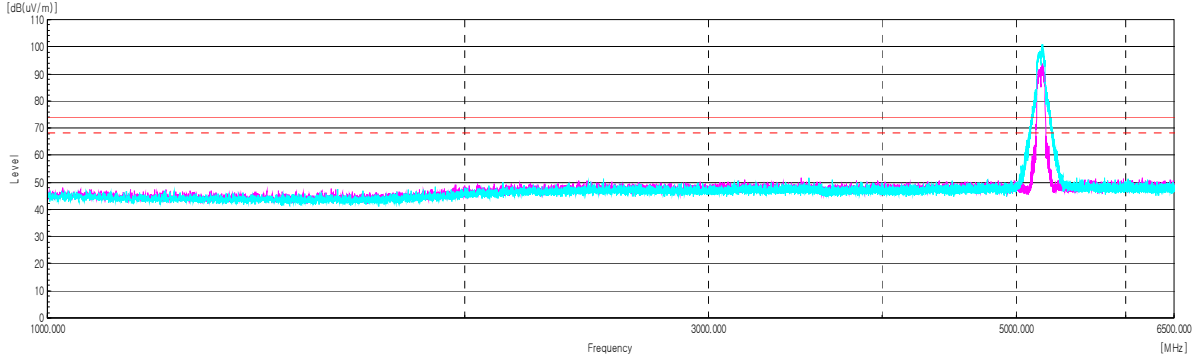


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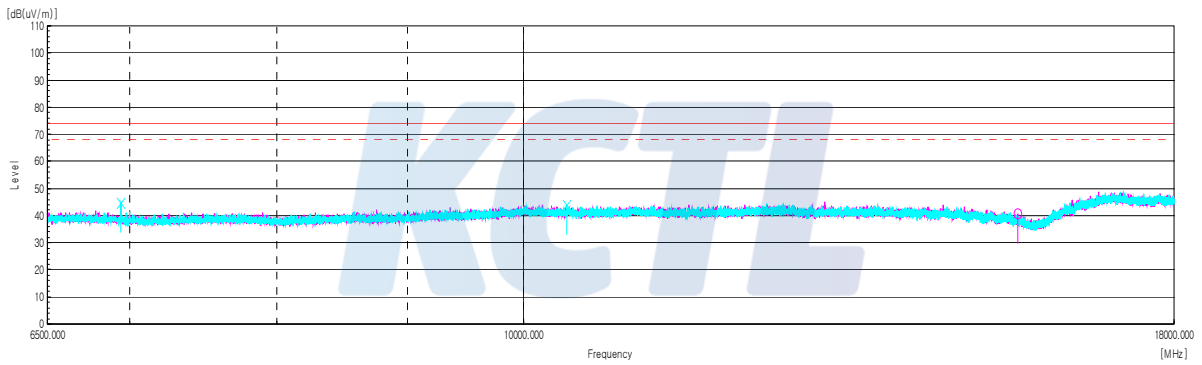
**Horizontal/Vertical for Band-edge**



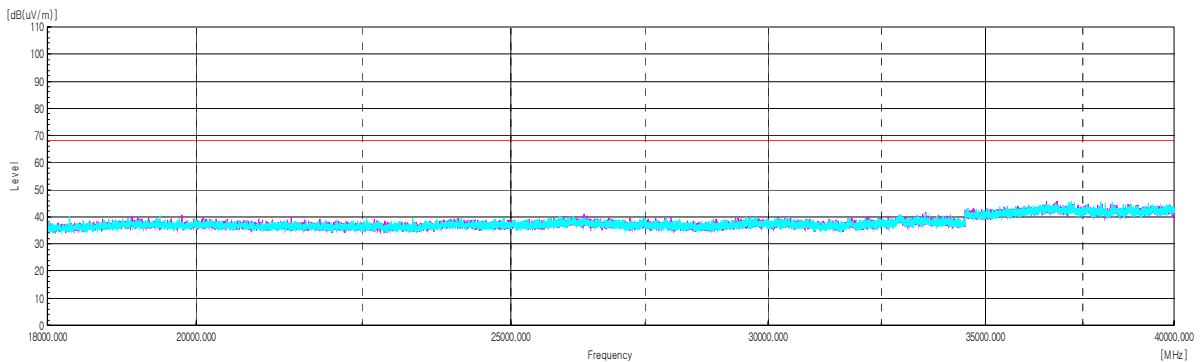
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

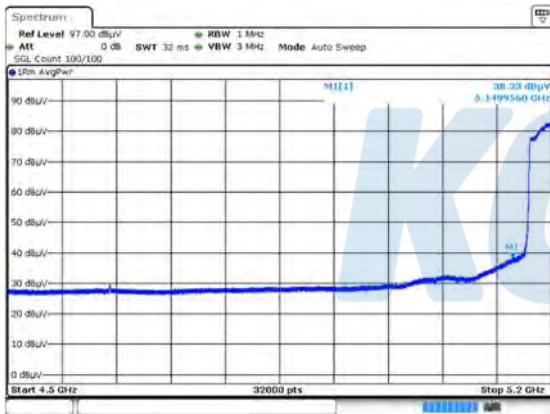


**802.11ac VHT80 UNII 1 ANT 1**

**Middle Channel (5 210 MHz)**

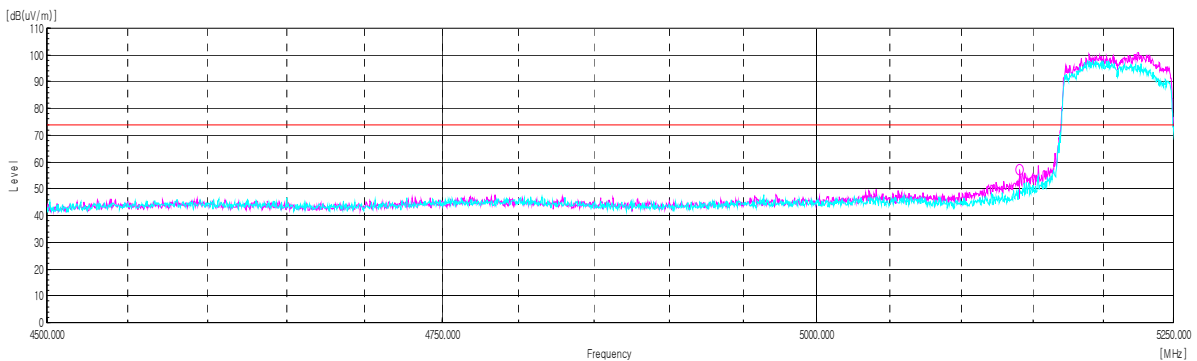
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu V$ ))	(dB)	(dB)	(dB)	(dB( $\mu V/m$ ))	(dB( $\mu V/m$ ))	(dB)
<b>Peak data</b>								
5 149.96 <sup>1)</sup>	H	46.62	34.31	-23.73	-	57.20	74.00	16.80
6 946.61	H	63.95	35.60	-50.75	-	48.80	68.20	19.40
10 421.72	H	53.41	37.60	-47.91	-	43.10	68.20	25.10
15 639.17 <sup>1)</sup>	H	38.50	40.46	-40.66	-	38.30	74.00	35.70
<b>Average Data</b>								
5 149.96 <sup>1)</sup>	H	38.33	34.31	-23.73	0.27	49.18	54.00	4.82

**Average data (5 149.96 MHz)**

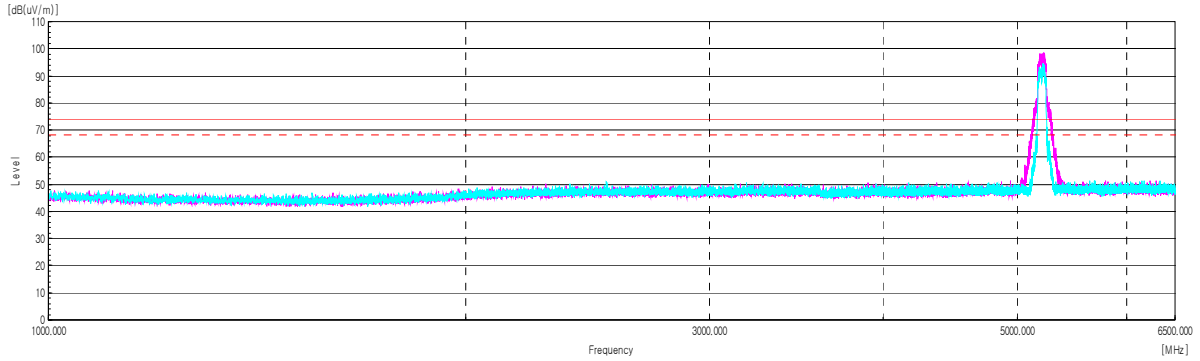


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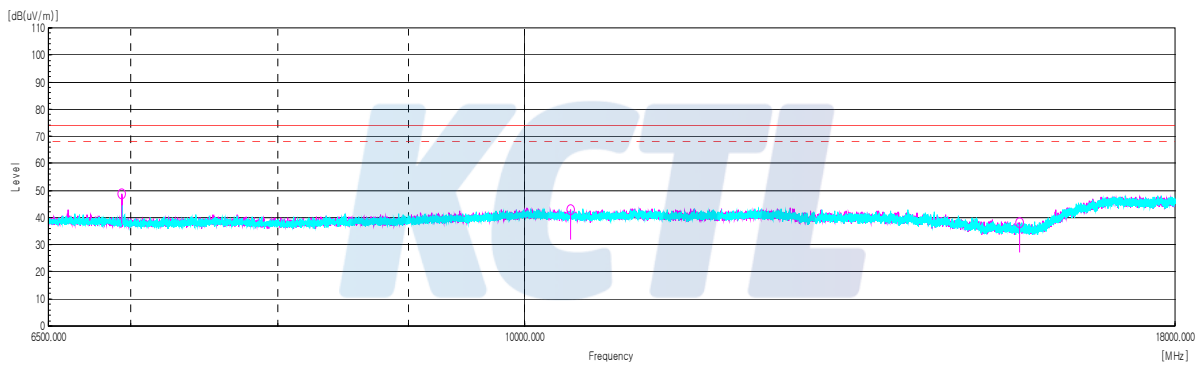
**Horizontal/Vertical for Band-edge**



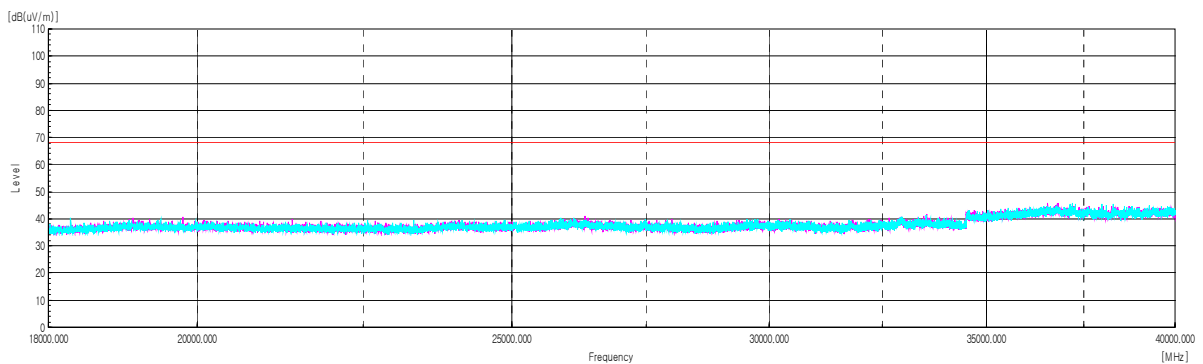
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**



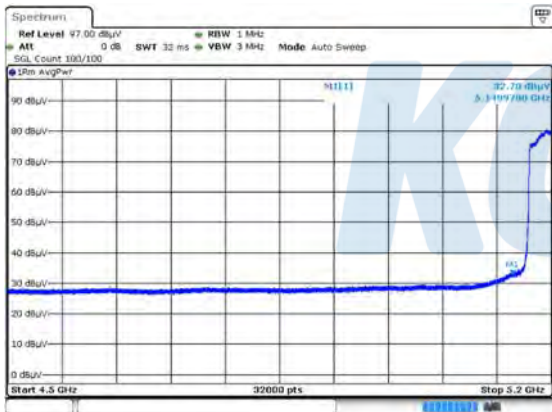


**802.11ac VHT80 UNII 1 ANT 2**

**Middle Channel (5 210 MHz)**

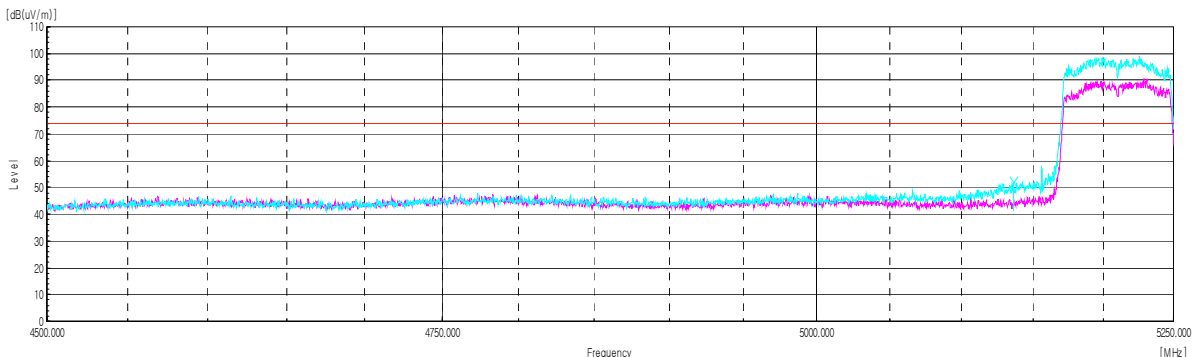
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 149.98 <sup>1)</sup>	V	41.62	34.31	-23.73	-	52.20	74.00	21.80
5 788.63	V	61.66	35.09	-42.35	-	54.40	68.20	13.80
6 946.61	V	64.45	35.60	-50.75	-	49.30	68.20	18.90
10 434.50	V	51.80	37.60	-47.90	-	41.50	68.20	26.70
15 690.29 <sup>1)</sup>	H	47.44	40.48	-40.42	-	47.50	74.00	26.50
<b>Average Data</b>								
5 149.98 <sup>1)</sup>	V	32.70	34.31	-23.73	0.27	43.55	54.00	10.45

**Average data (5 149.98 MHz)**

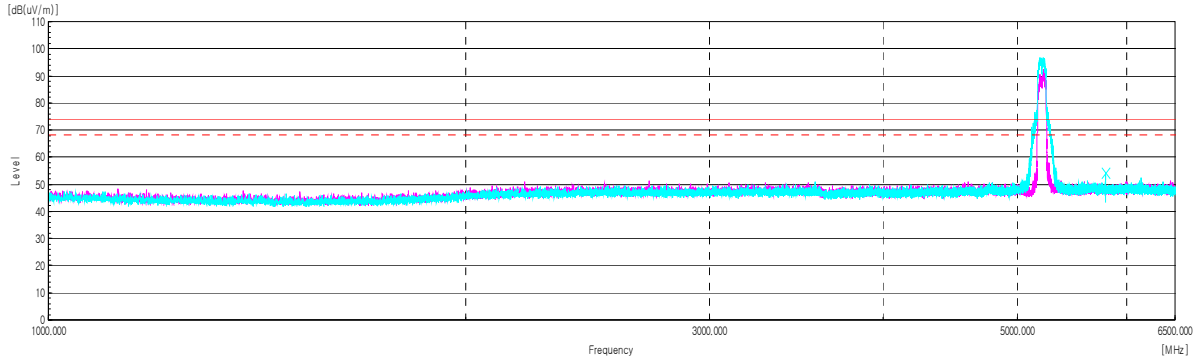


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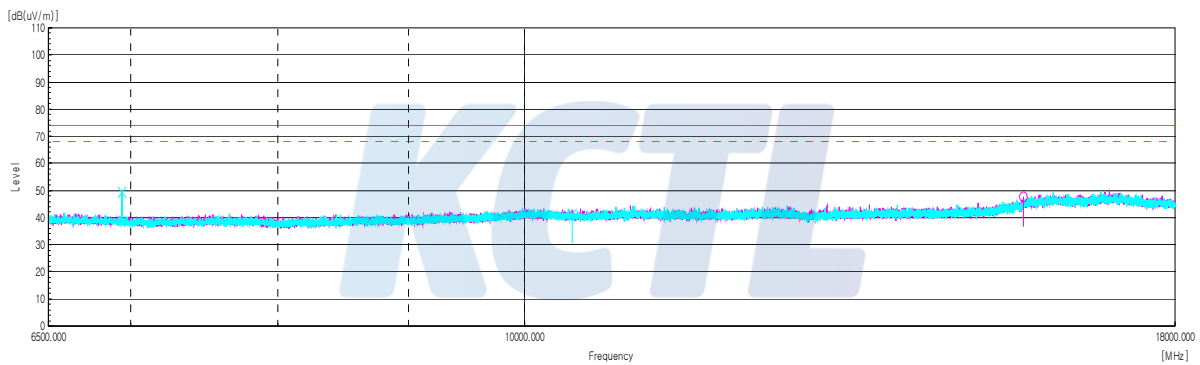
**Horizontal/Vertical for Band-edge**



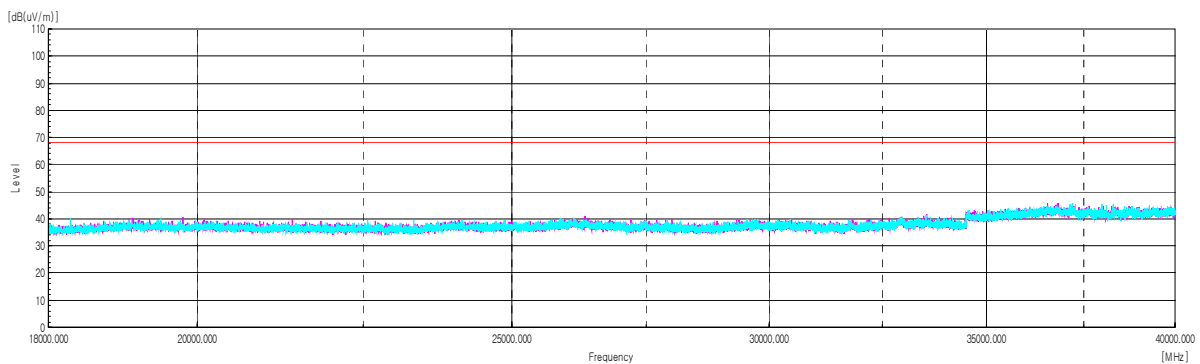
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

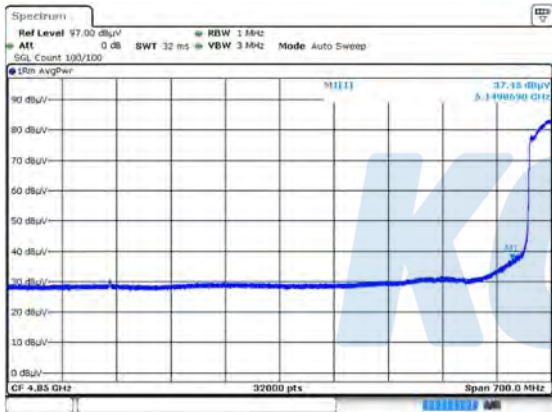


**802.11ac VHT80 UNII 1 ANT 3**

**Middle Channel (5 210 MHz)**

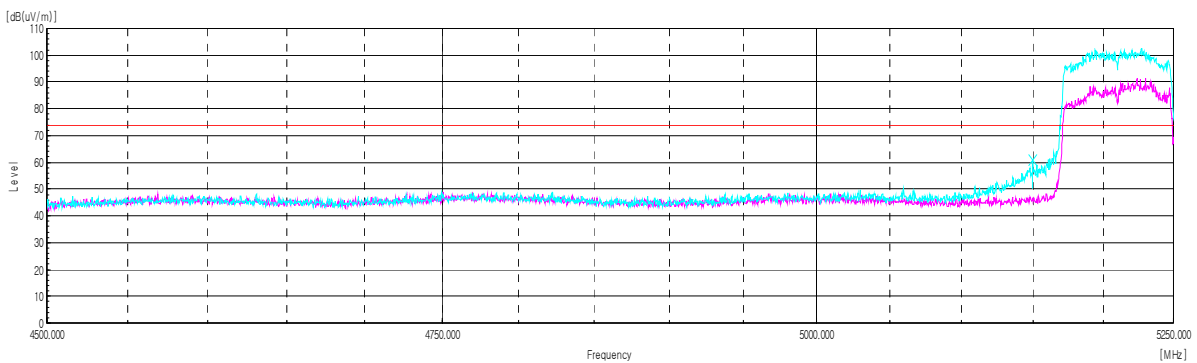
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 149.87 <sup>1)</sup>	V	50.52	34.31	-23.73	-	61.10	74.00	12.90
10 456.22	V	55.09	37.60	-47.89	-	44.80	68.20	23.40
15 694.76 <sup>1)</sup>	V	44.51	40.48	-40.39	-	44.60	74.00	29.40
<b>Average Data</b>								
5 149.87 <sup>1)</sup>	V	37.45	34.31	-23.73	0.27	48.30	54.00	5.70

**Average data (5 149.87 MHz)**

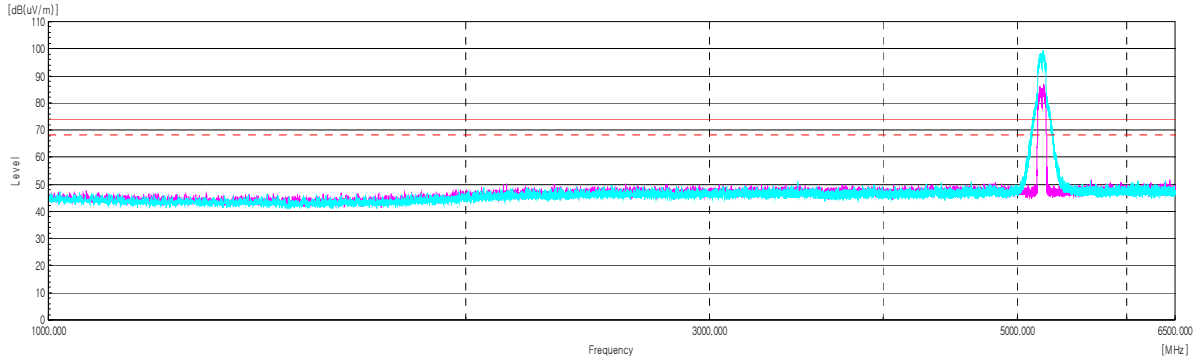


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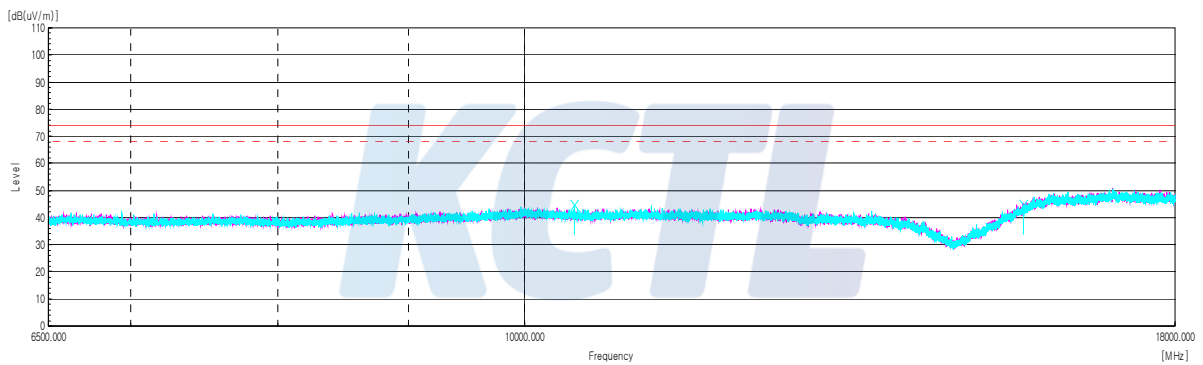
**Horizontal/Vertical for Band-edge**



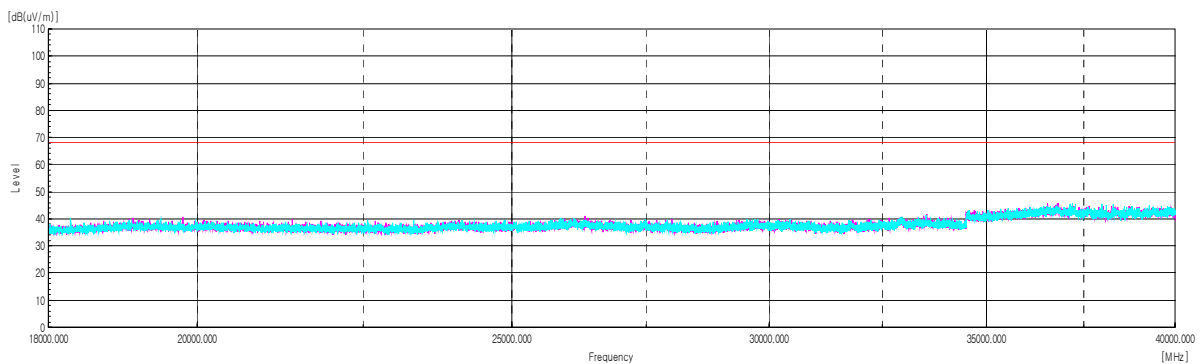
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

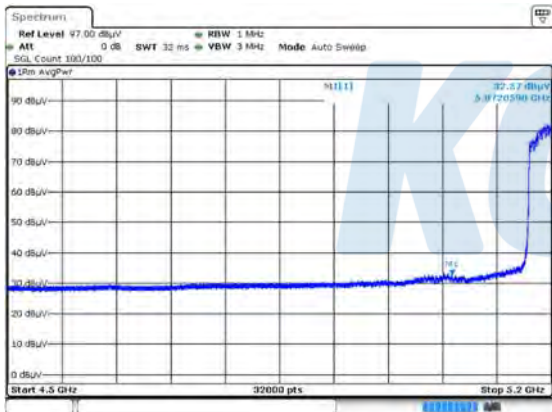


**802.11ac VHT80 UNII 1 4TX MIMO**

**Middle Channel (5 210 MHz)**

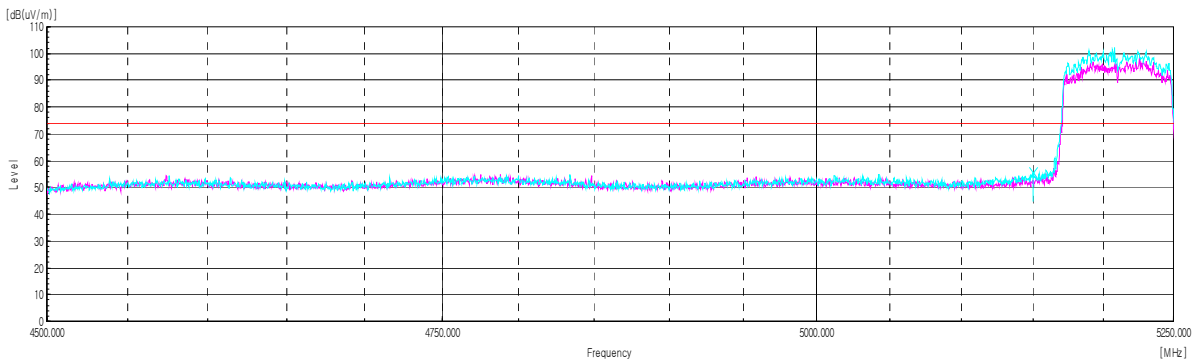
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 072.06 <sup>1)</sup>	V	43.46	34.20	-23.96	-	53.70	74.00	20.30
5 788.93	V	61.37	35.09	-42.36	-	54.10	68.20	14.10
6 946.61	V	64.55	35.60	-50.75	-	49.40	68.20	18.80
10 419.80	V	50.91	37.60	-47.91	-	40.60	68.20	27.60
15 639.17 <sup>1)</sup>	H	43.00	40.46	-40.66	-	42.80	74.00	31.20
<b>Average Data</b>								
5 072.06 <sup>1)</sup>	V	32.57	34.20	-23.96	0.27	43.08	54.00	10.92

**Average data (5 072.06 MHz)**

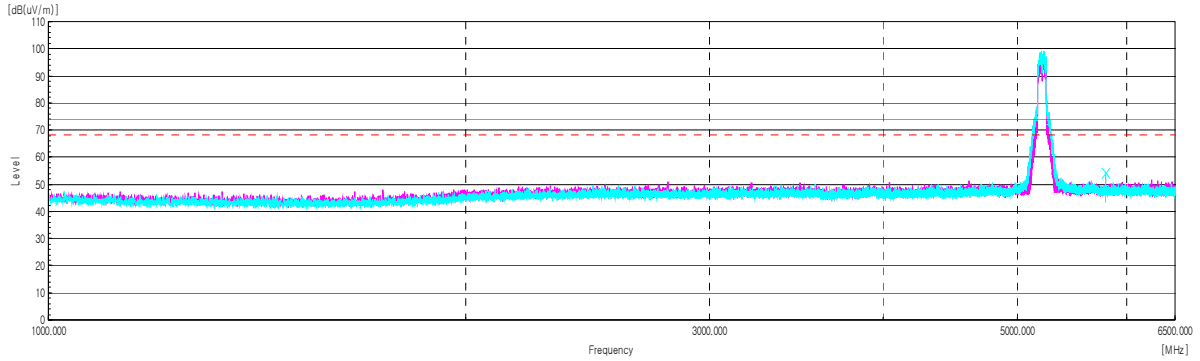


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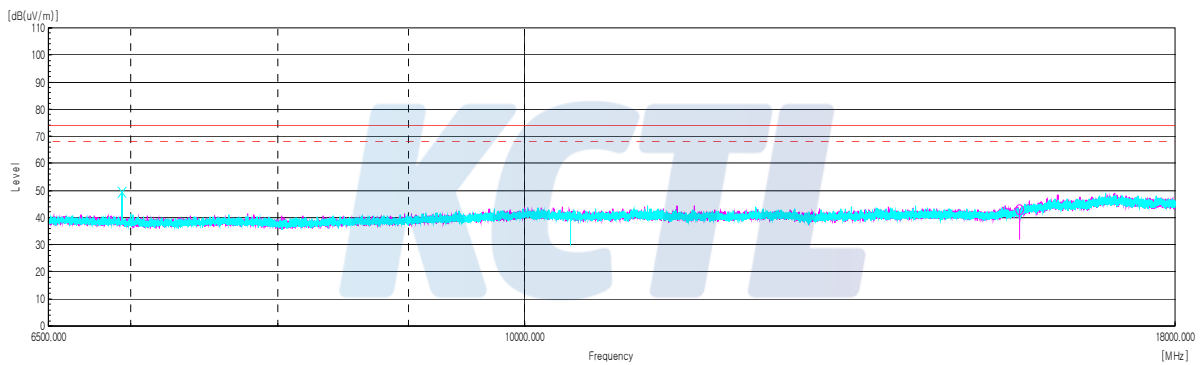
**Horizontal/Vertical for Band-edge**



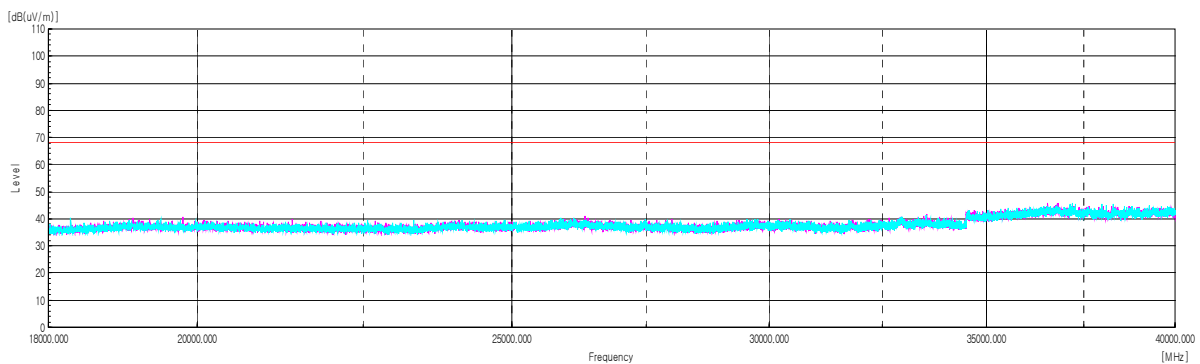
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

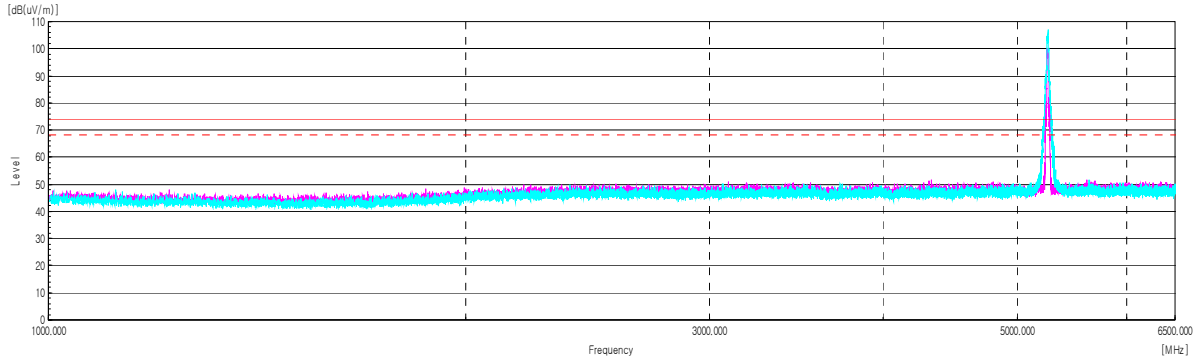


**802.11a UNII 2A ANT 0****Lowest Channel (5 260 MHz)**

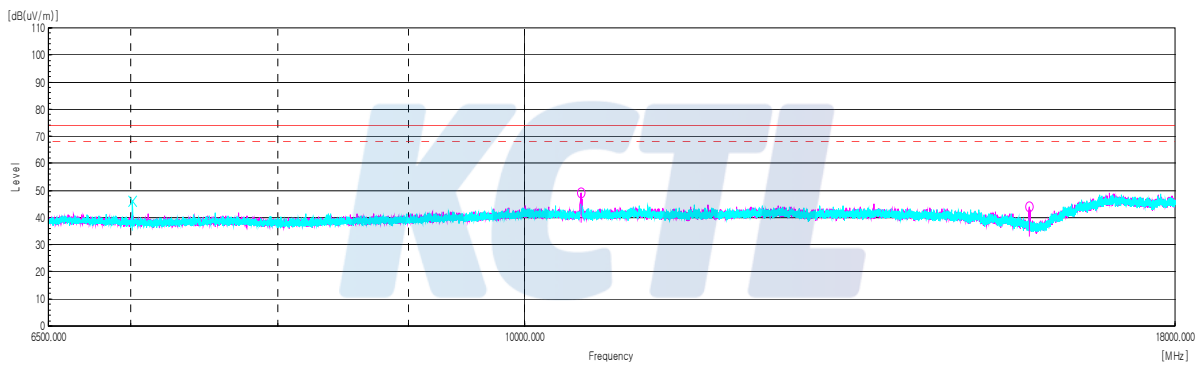
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu V$ ))	Antenna Factor (dB)	Amp. + Cable (dB)	DCF (dB)	Result (dB( $\mu V/m$ ))	Limit (dB( $\mu V/m$ ))	Margin (dB)
<b>Peak data</b>								
7 013.06	V	61.44	35.60	-50.74	-	46.30	68.20	21.90
10 520.11	H	59.52	37.62	-47.84	-	49.30	68.20	18.90
15 773.99 <sup>1)</sup>	H	43.71	40.51	-40.02	-	44.20	74.00	29.80
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

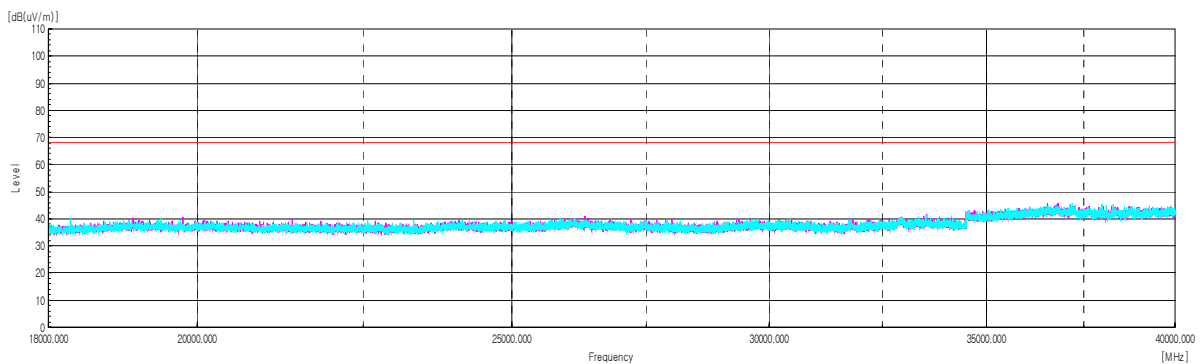
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**



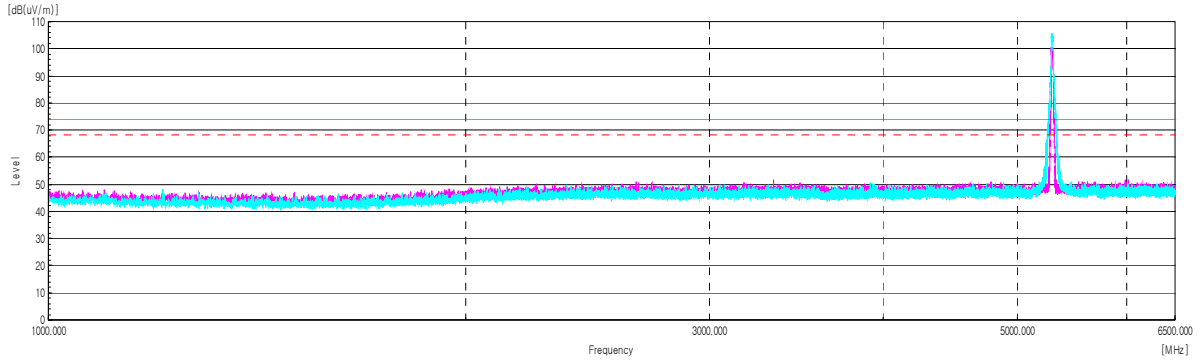


**Middle Channel (5 300 MHz)**

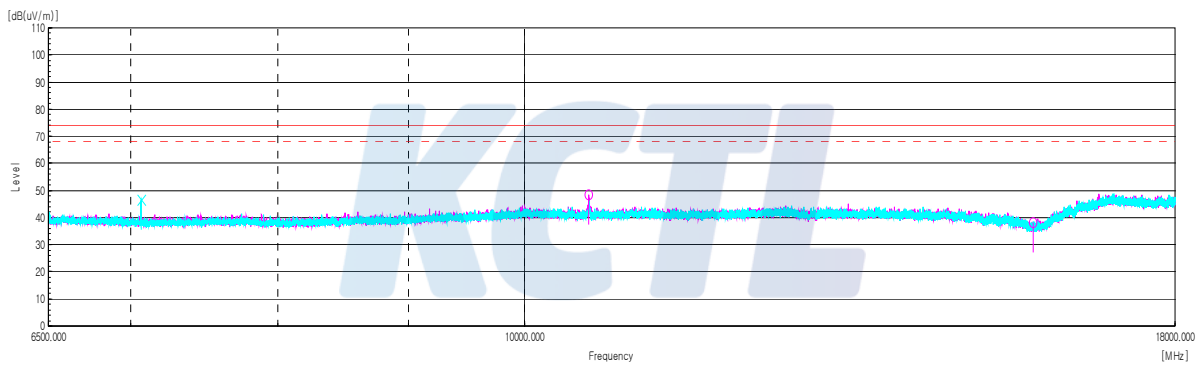
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu V$ ))	Antenna Factor (dB)	Amp. + Cable (dB)	DCF (dB)	Result (dB( $\mu V/m$ ))	Limit (dB( $\mu V/m$ ))	Margin (dB)
<b>Peak data</b>								
7 066.73	V	61.76	35.61	-50.67	-	46.70	68.20	21.50
10 591.03	H	58.38	37.67	-47.75	-	48.30	68.20	19.90
15 830.21 <sup>1)</sup>	H	37.23	40.53	-39.76	-	38.00	74.00	36.00
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

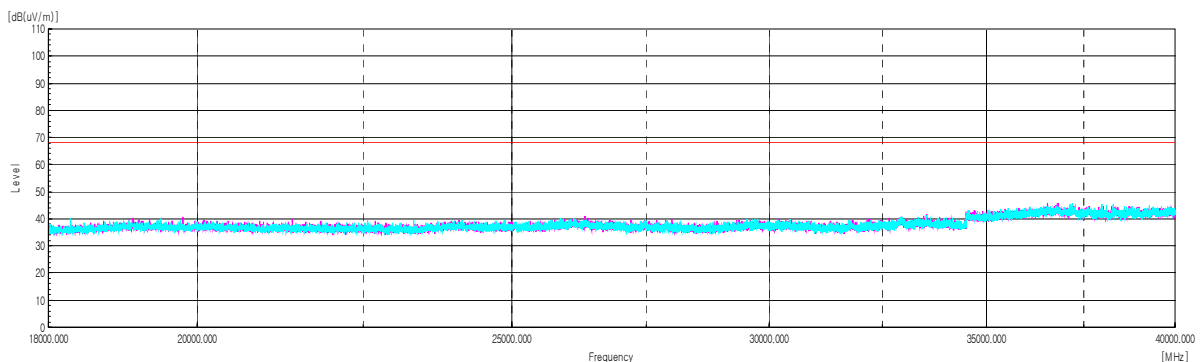
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



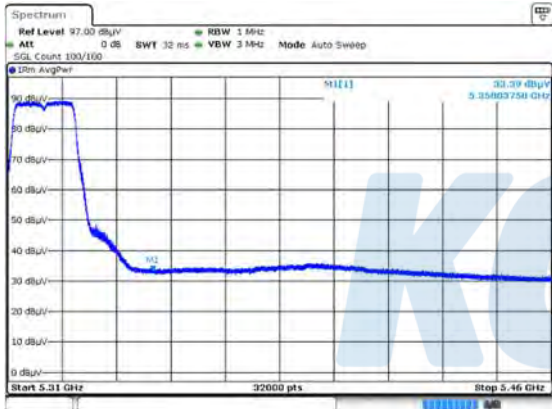
**Horizontal/Vertical for 18 GHz ~ 40 GHz**



**Highest Channel (5 320 MHz)**

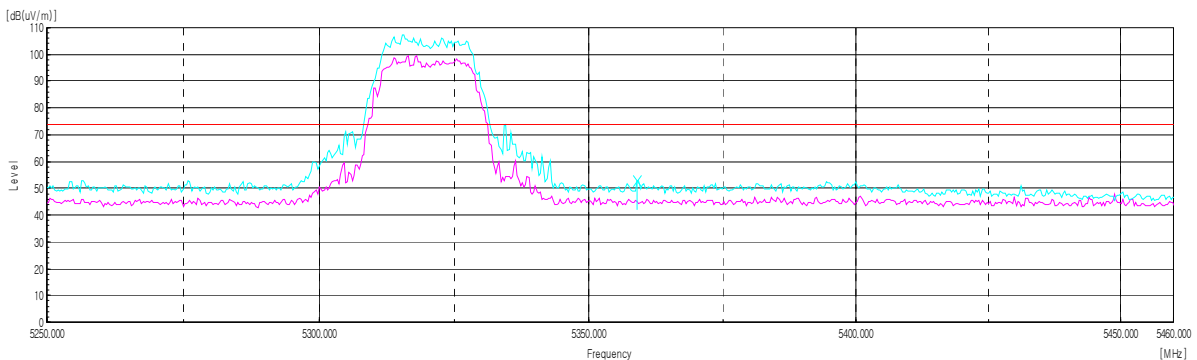
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 350.04 <sup>1)</sup>	V	42.00	34.59	-23.89	-	52.70	74.00	21.30
7 092.92	V	61.61	35.62	-50.63	-	46.60	68.20	21.60
10 647.90 <sup>1)</sup>	H	54.37	37.72	-47.69	-	44.40	74.00	29.60
15 977.80 <sup>1)</sup>	V	37.57	40.59	-39.06	-	39.10	74.00	34.90
<b>Average Data</b>								
5 350.04 <sup>1)</sup>	V	33.39	34.59	-23.89	0.22	44.31	54.00	9.69

**Average data (5 350.04 MHz)**

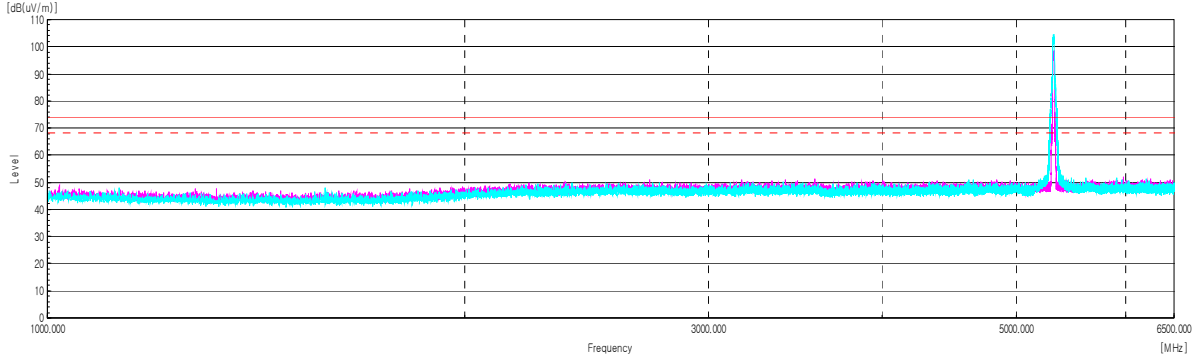


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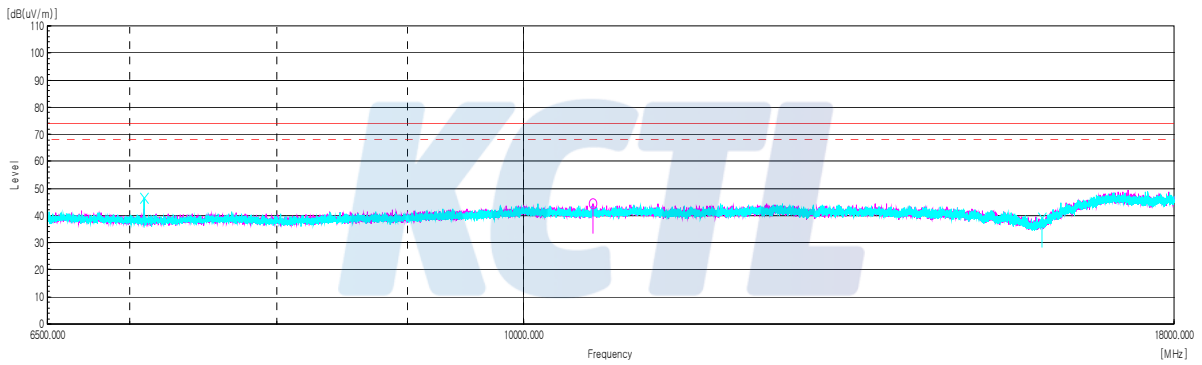
**Horizontal/Vertical for Band-edge**



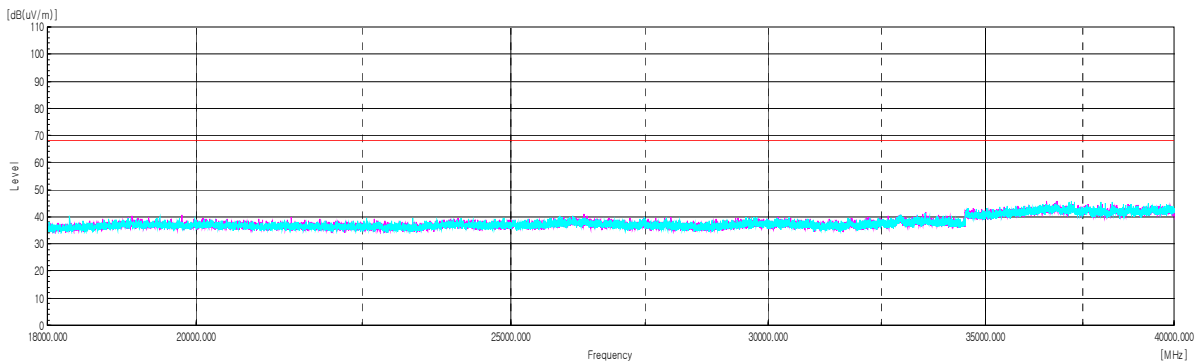
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

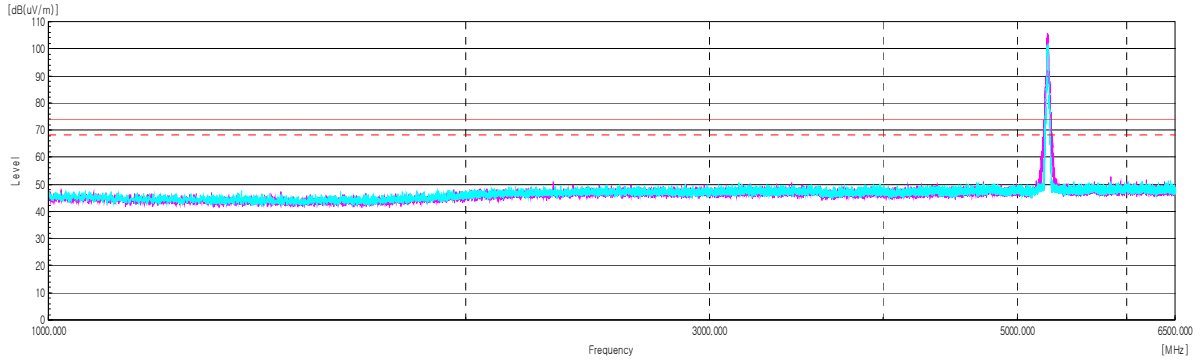


**802.11a UNII 2A ANT 1****Lowest Channel (5 260 MHz)**

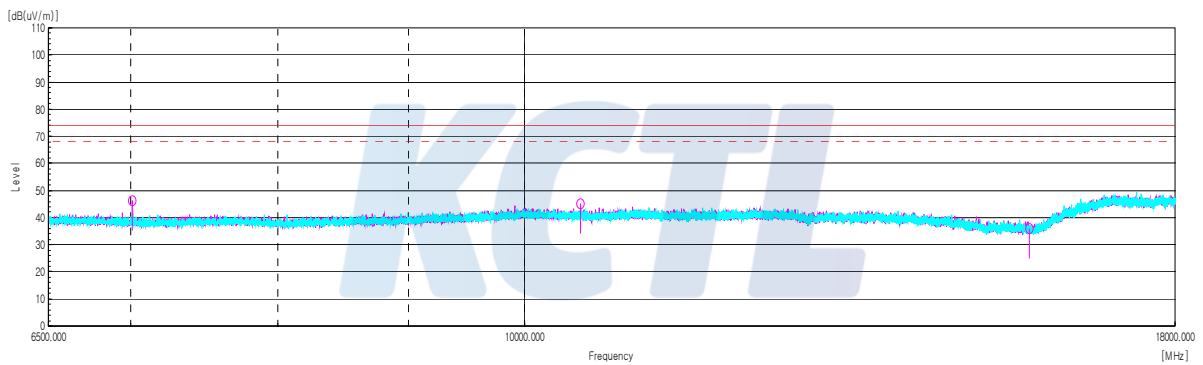
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu V$ ))	Antenna Factor (dB)	Amp. + Cable (dB)	DCF (dB)	Result (dB( $\mu V/m$ ))	Limit (dB( $\mu V/m$ ))	Margin (dB)
<b>Peak data</b>								
7 013.70	H	61.44	35.60	-50.74	-	46.30	68.20	21.90
10 518.19	H	55.43	37.61	-47.84	-	45.20	68.20	23.00
15 779.74 <sup>1)</sup>	H	35.49	40.51	-40.00	-	36.00	74.00	38.00
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

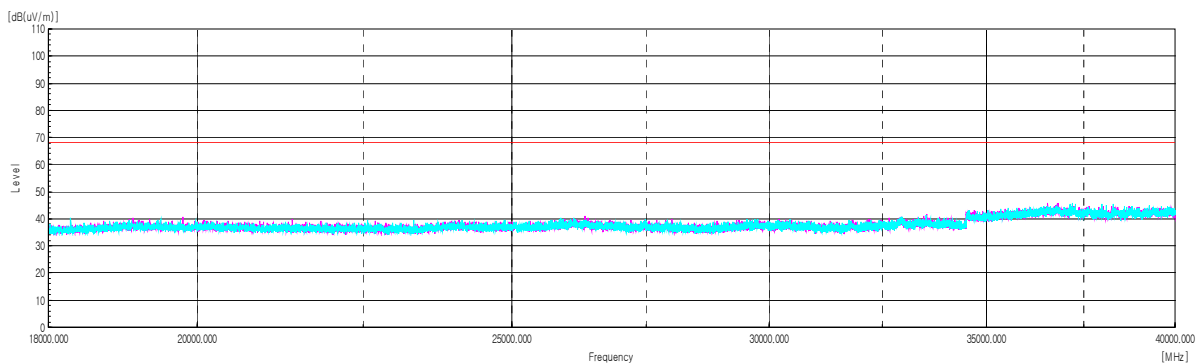
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

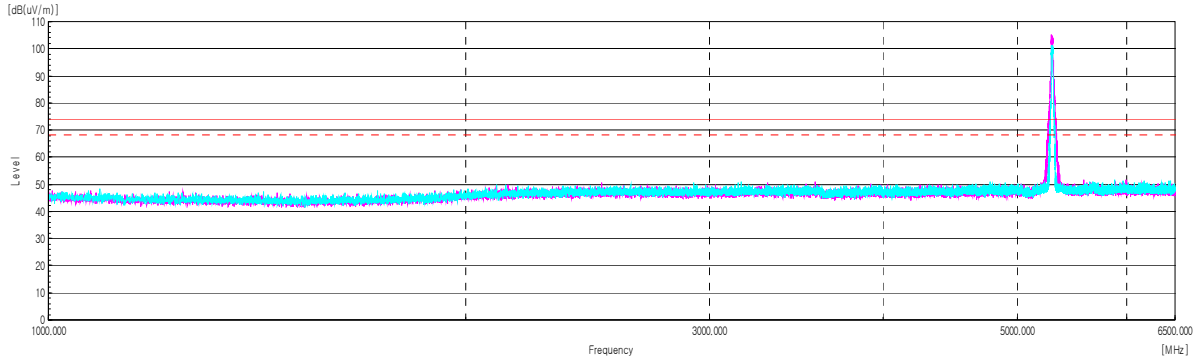


**Middle Channel (5 300 MHz)**

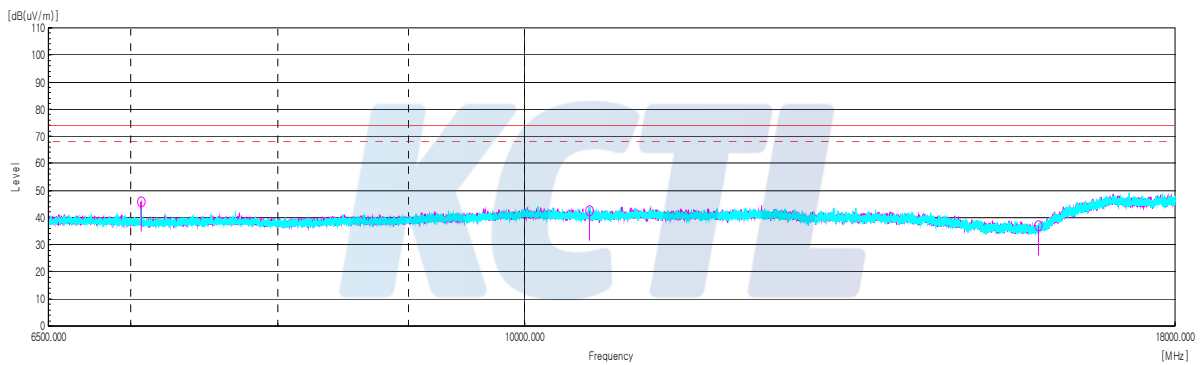
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu V$ ))	(dB)	(dB)	(dB)	(dB( $\mu V/m$ ))	(dB( $\mu V/m$ ))	(dB)
<b>Peak data</b>								
7 066.73	H	60.76	35.61	-50.67	-	45.70	68.20	22.50
10 599.34	H	52.76	37.68	-47.74	-	42.70	68.20	25.50
15 906.88 <sup>1)</sup>	V	36.04	40.56	-39.40	-	37.20	74.00	36.80
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

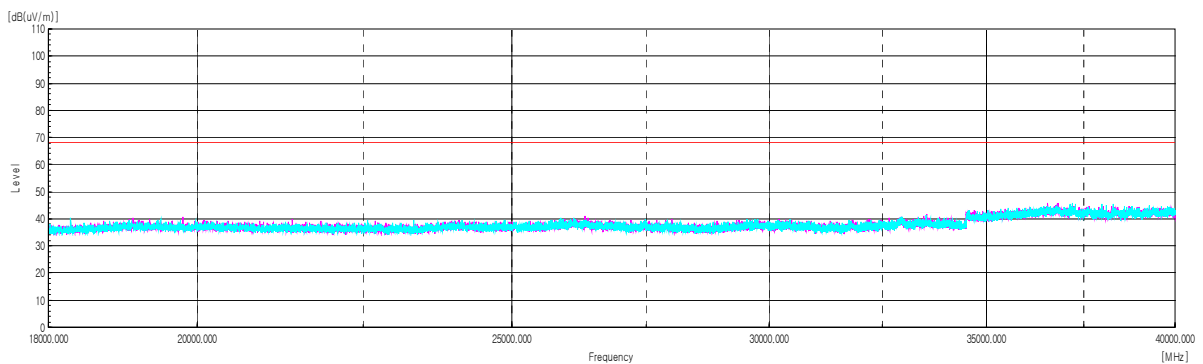
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

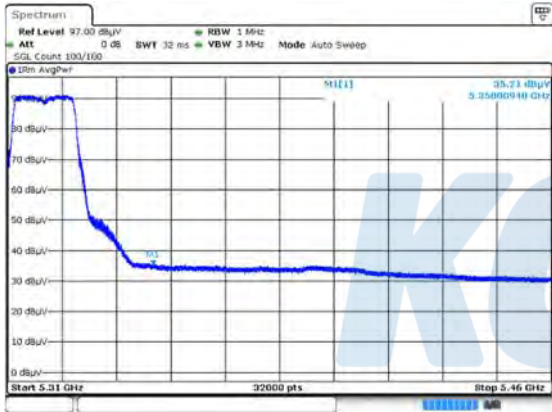




**Highest Channel (5 320 MHz)**

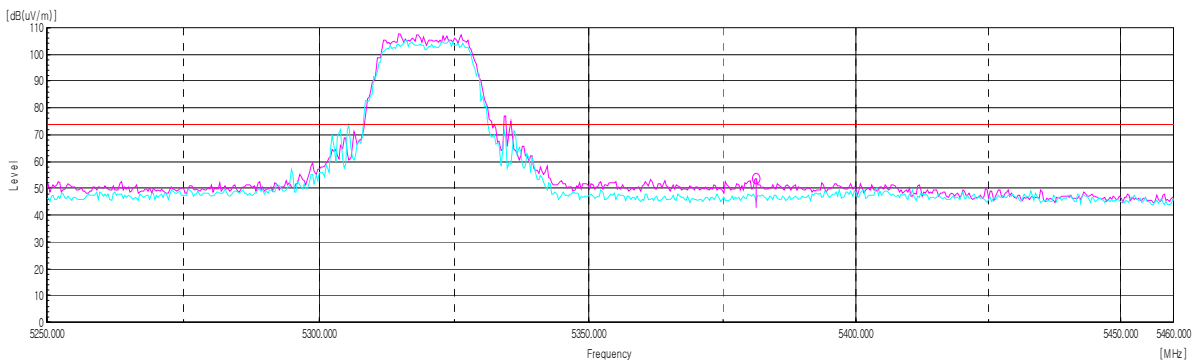
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 350.01 <sup>1)</sup>	H	42.80	34.59	-23.89	-	53.50	74.00	20.50
7 093.56	H	60.21	35.62	-50.63	-	45.20	68.20	23.00
10 644.70 <sup>1)</sup>	H	52.17	37.72	-47.69	-	42.20	74.00	31.80
15 956.08 <sup>1)</sup>	H	36.49	40.58	-39.17	-	37.90	74.00	36.10
<b>Average Data</b>								
5 350.01 <sup>1)</sup>	H	35.21	34.59	-23.89	0.22	46.13	54.00	7.87

**Average data (5 350.01 MHz)**

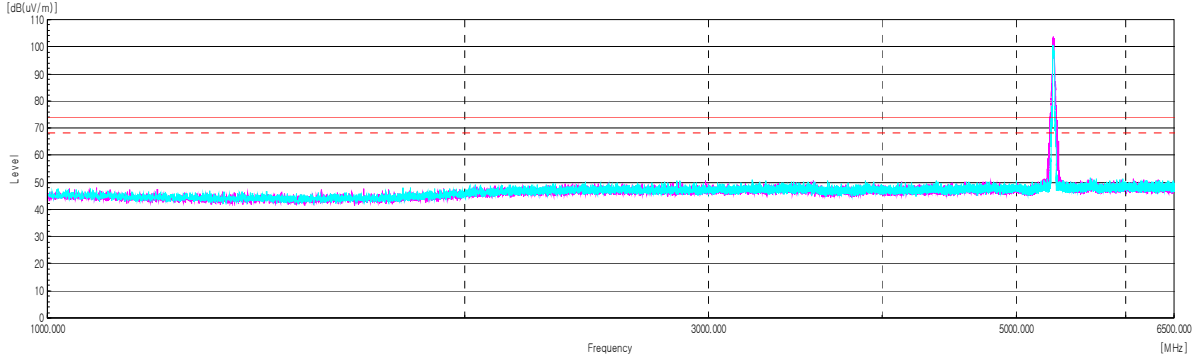


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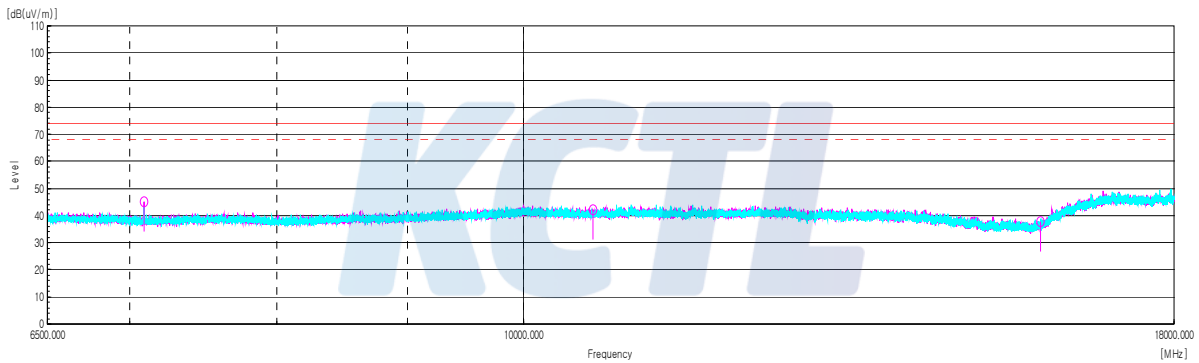
**Horizontal/Vertical for Band-edge**



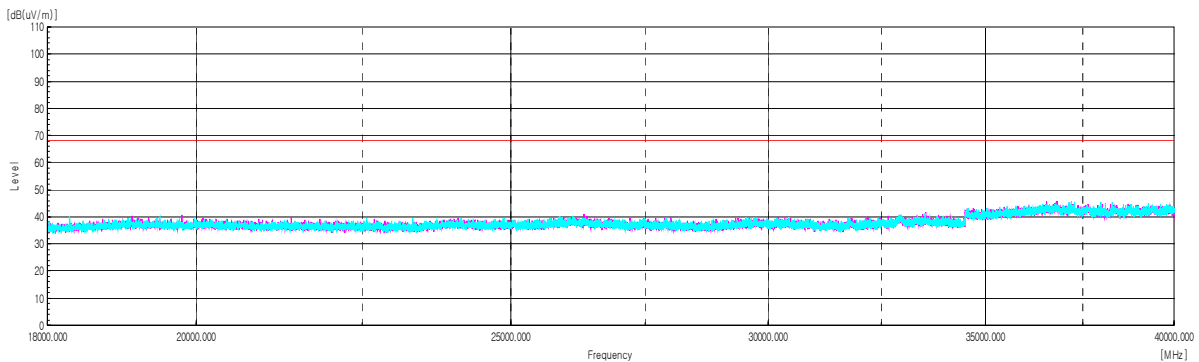
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

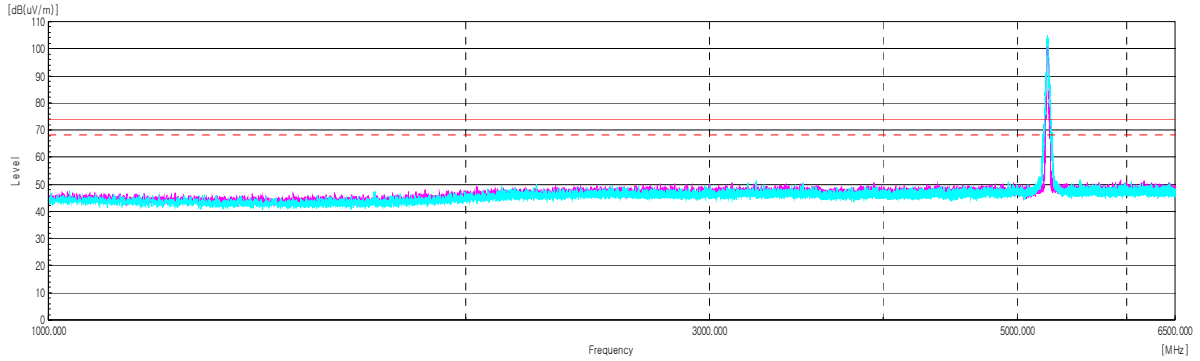


**802.11a UNII 2A ANT 2****Lowest Channel (5 260 MHz)**

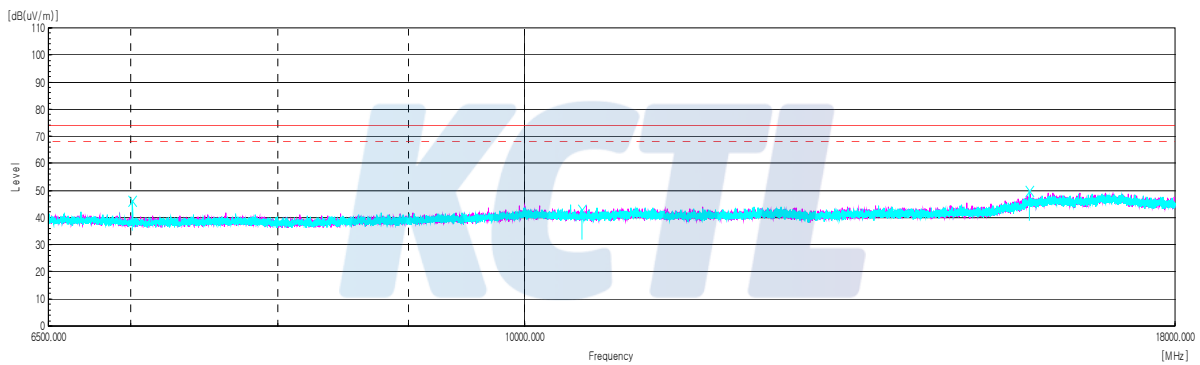
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu V$ ))	Antenna Factor (dB)	Amp. + Cable (dB)	DCF (dB)	Result (dB( $\mu V/m$ ))	Limit (dB( $\mu V/m$ ))	Margin (dB)
<b>Peak data</b>								
7 013.06	V	61.44	35.60	-50.74	-	46.30	68.20	21.90
10 530.97	V	53.10	37.62	-47.82	-	42.90	68.20	25.30
15 778.46 <sup>1)</sup>	V	49.49	40.51	-40.00	-	50.00	74.00	24.00
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

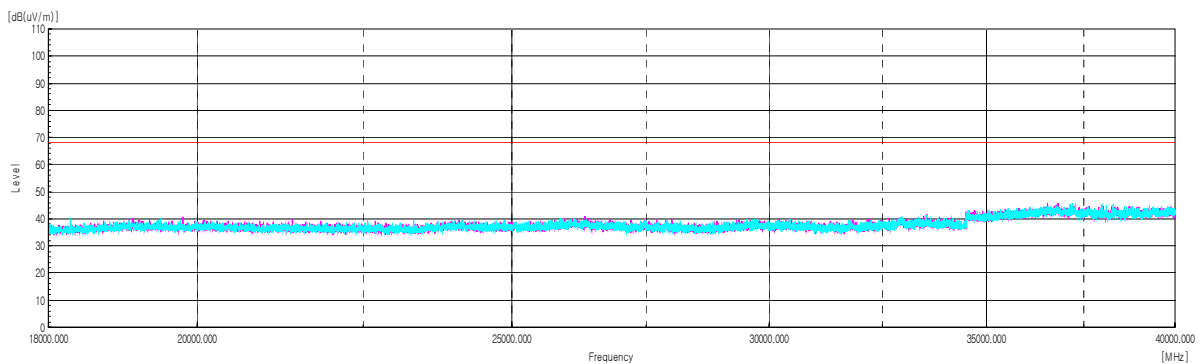
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



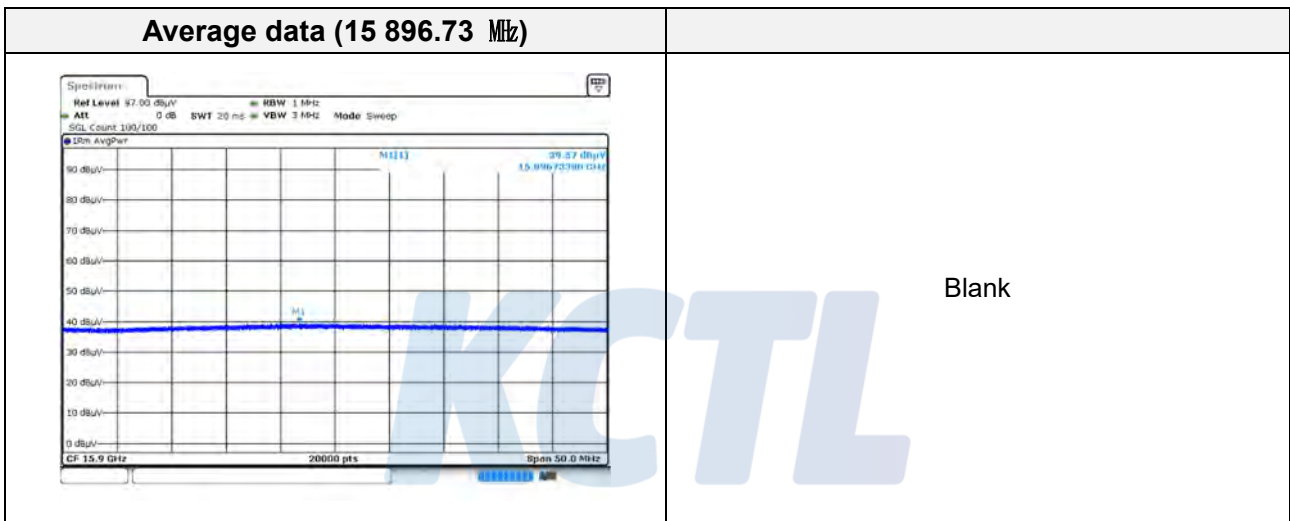
**Horizontal/Vertical for 18 GHz ~ 40 GHz**



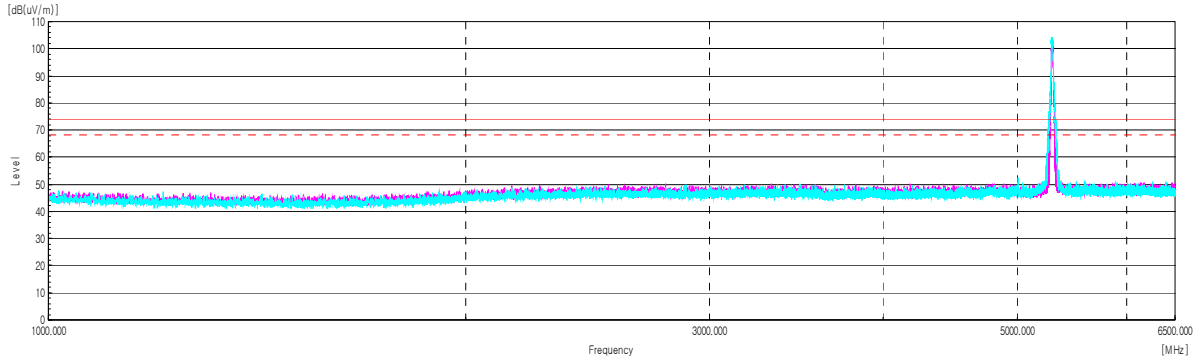
**Middle Channel (5 300 MHz)**

Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
7 066.73	V	60.16	35.61	-50.67	-	45.10	68.20	23.10
10 601.25 <sup>1)</sup>	V	55.36	37.68	-47.74	-	45.30	74.00	28.70
15 896.73 <sup>1)</sup>	V	50.39	40.56	-39.45	-	51.50	74.00	22.50
<b>Average Data</b>								
15 896.73 <sup>1)</sup>	V	39.57	40.56	-39.45	0.22	40.90	54.00	13.10

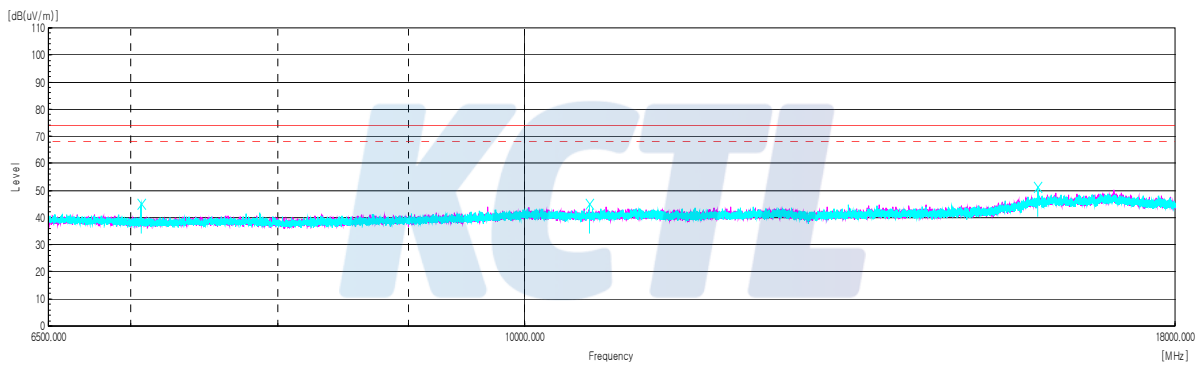
**Average data (15 896.73 MHz)**



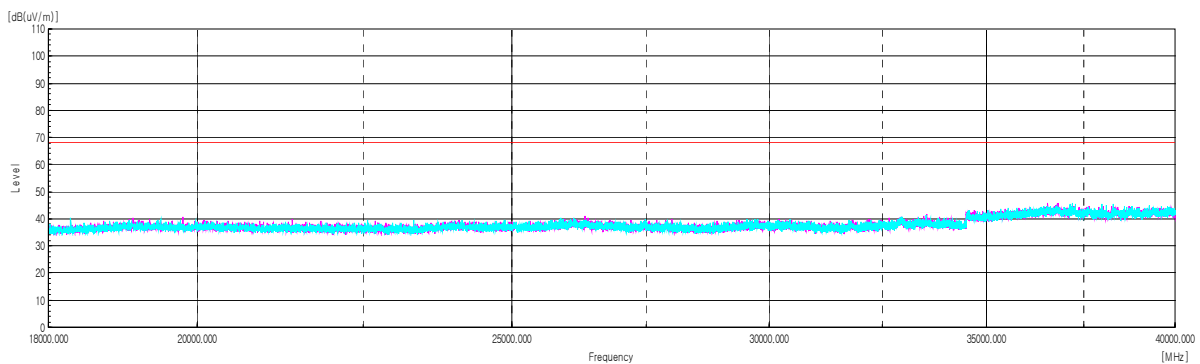
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



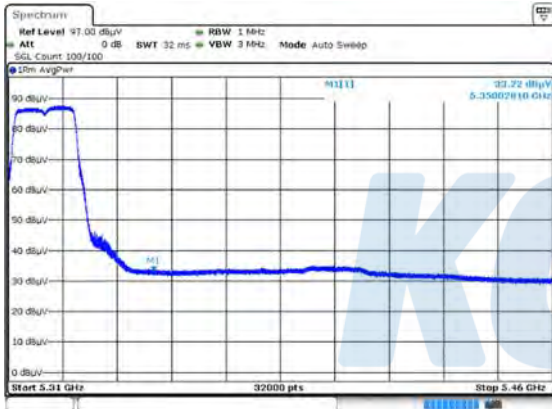
**Horizontal/Vertical for 18 GHz ~ 40 GHz**



**Highest Channel (5 320 MHz)**

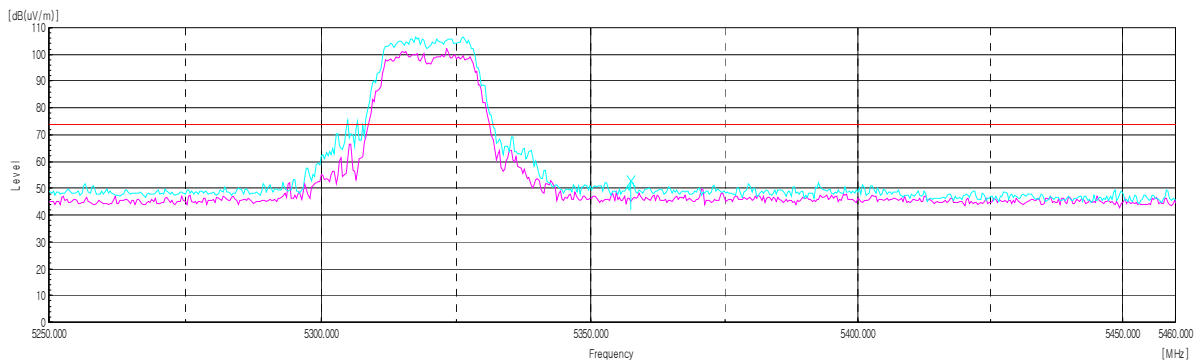
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 350.03 <sup>1)</sup>	V	42.00	34.59	-23.89	-	52.70	74.00	21.30
7 092.92	V	59.61	35.62	-50.63	-	44.60	68.20	23.60
10 642.15 <sup>1)</sup>	V	52.09	37.71	-47.70	-	42.10	74.00	31.90
15 962.47 <sup>1)</sup>	V	44.36	40.58	-39.14	-	45.80	74.00	28.20
<b>Average Data</b>								
5 350.03 <sup>1)</sup>	V	33.22	34.59	-23.89	0.22	44.14	54.00	9.86

**Average data (5 350.03 MHz)**

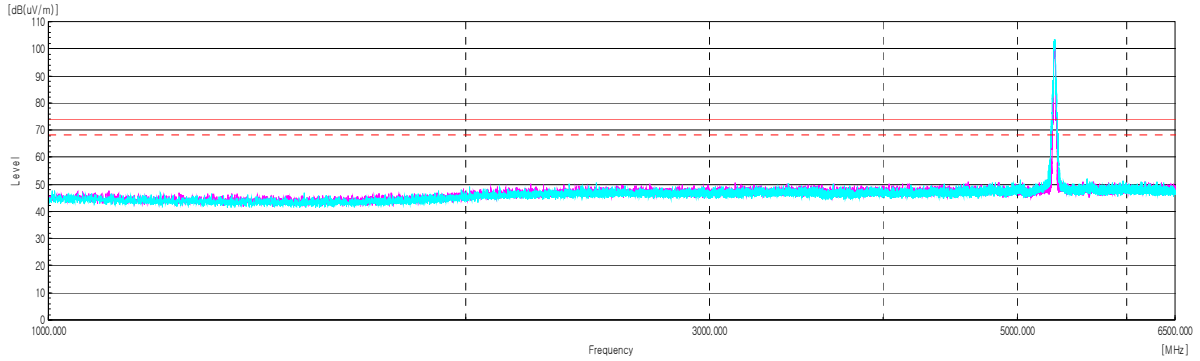


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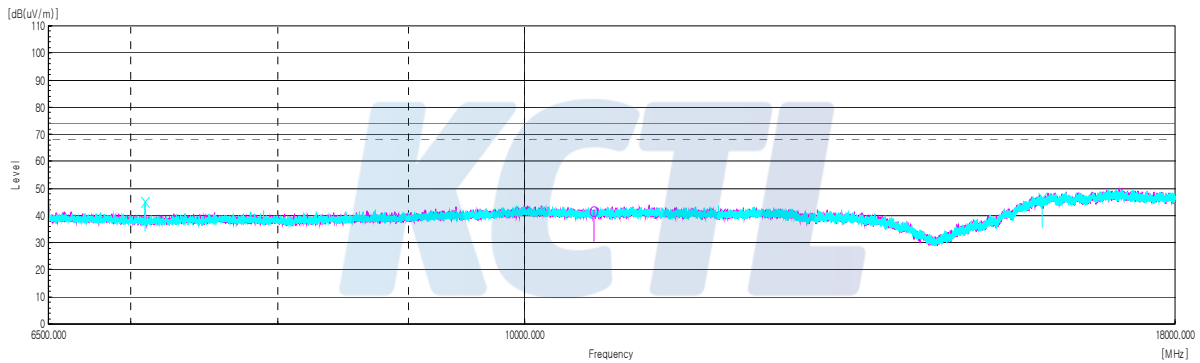
**Horizontal/Vertical for Band-edge**



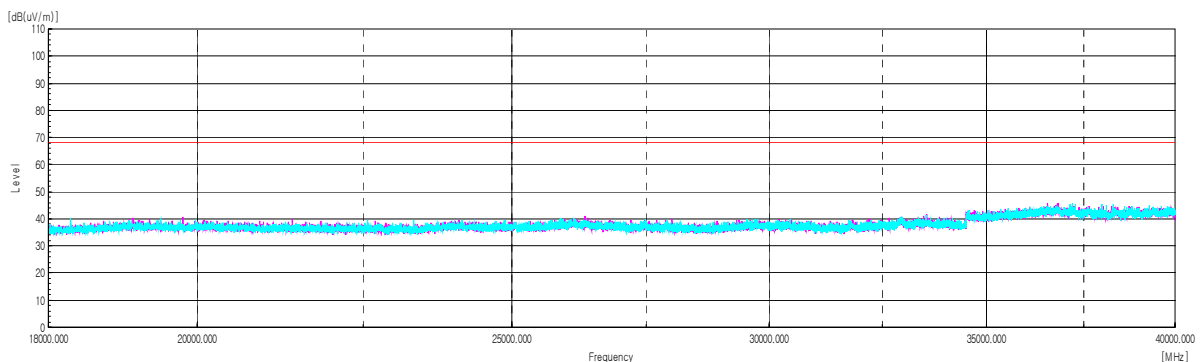
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



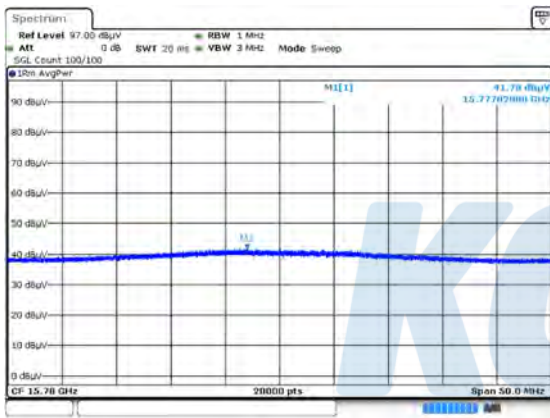
**Horizontal/Vertical for 18 GHz ~ 40 GHz**





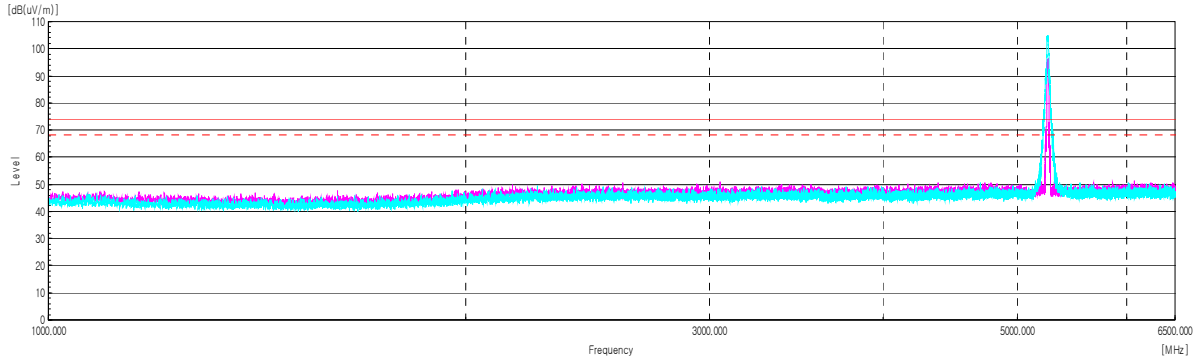
**802.11a UNII 2A ANT 3****Lowest Channel (5 260 MHz)**

Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu V$ ))	(dB)	(dB)	(dB)	(dB( $\mu V/m$ ))	(dB( $\mu V/m$ ))	(dB)
<b>Peak data</b>								
10 525.22	V	72.21	37.62	-47.83	-	62.00	68.20	6.20
15 777.03 <sup>1)</sup>	V	52.00	40.51	-40.01	-	52.50	74.00	21.50
<b>Average Data</b>								
15 777.03 <sup>1)</sup>	V	41.78	40.51	-40.01	0.22	42.50	54.00	11.50

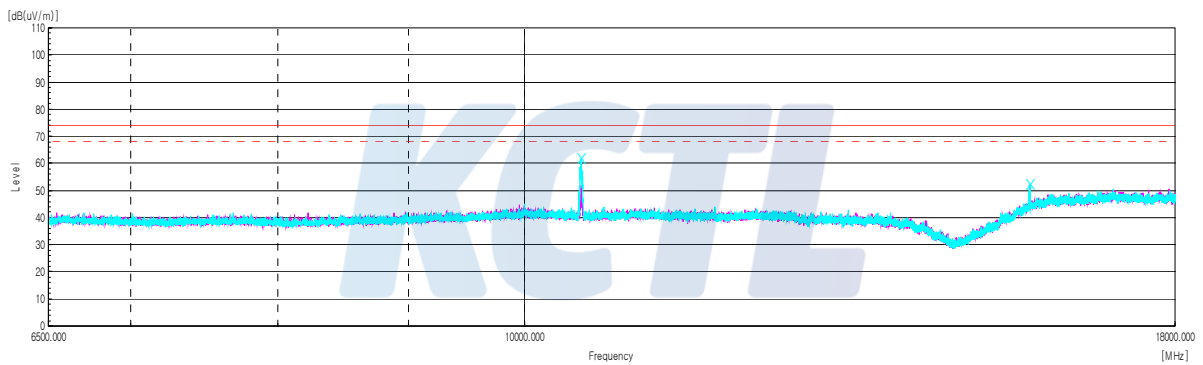
**Average data (15 777.03 MHz)**

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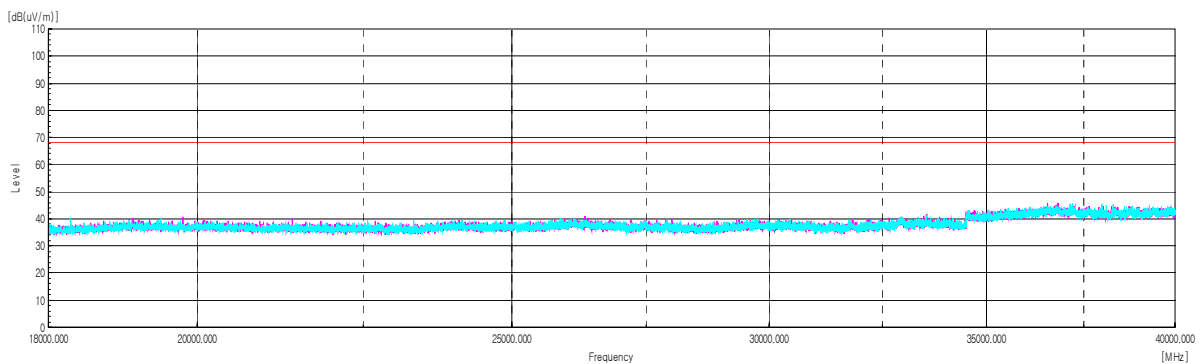
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



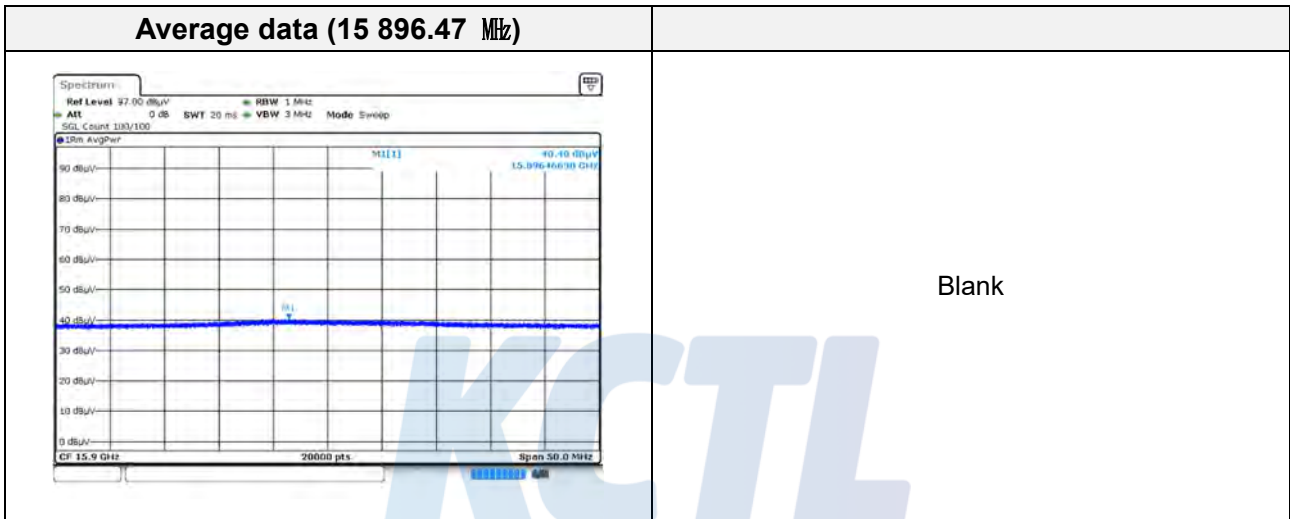
**Horizontal/Vertical for 18 GHz ~ 40 GHz**



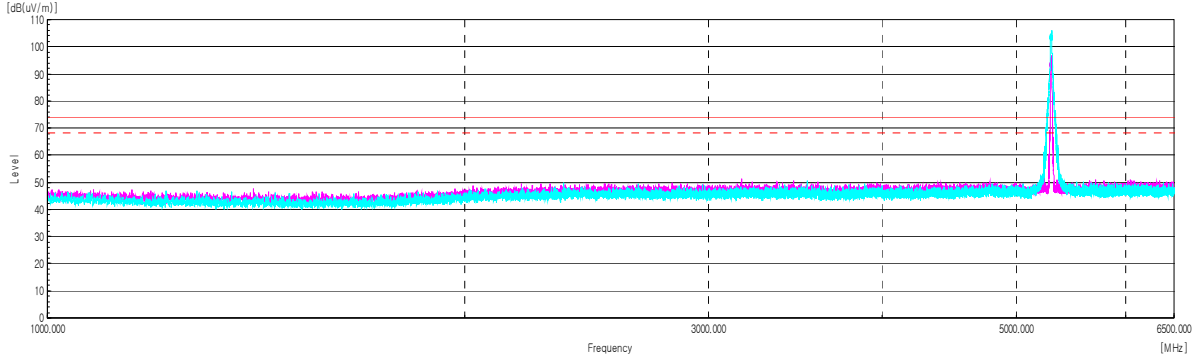
**Middle Channel (5 300 MHz)**

Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
10 598.70	V	68.77	37.68	-47.75	-	58.70	68.20	9.50
15 896.47 <sup>1)</sup>	V	53.79	40.56	-39.45	-	54.90	74.00	19.10
<b>Average Data</b>								
15 896.47 <sup>1)</sup>	V	40.40	40.56	-39.45	0.22	41.73	54.00	12.27

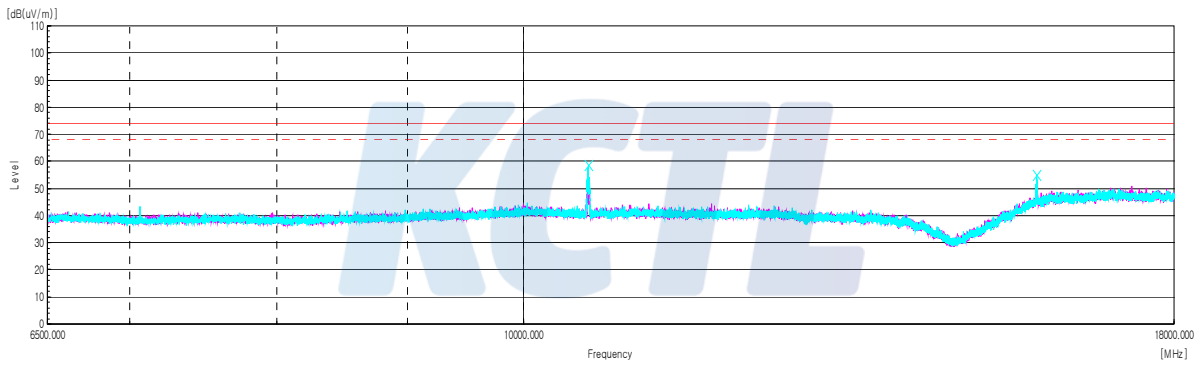
**Average data (15 896.47 MHz)**



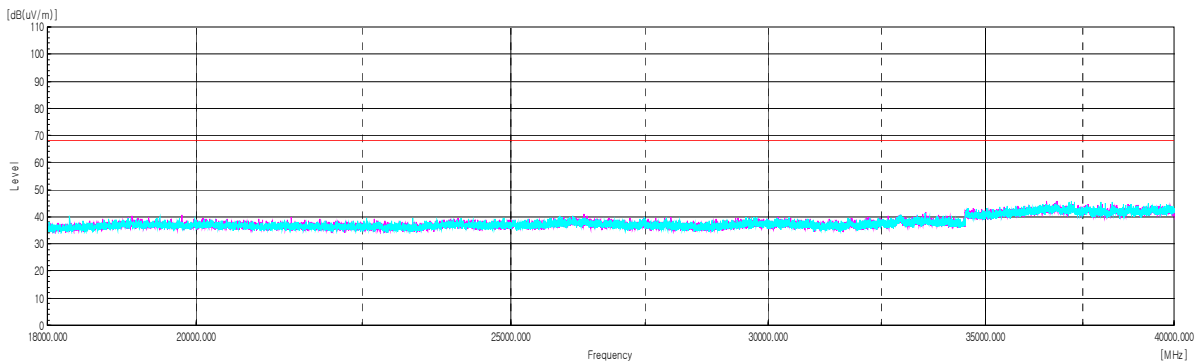
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

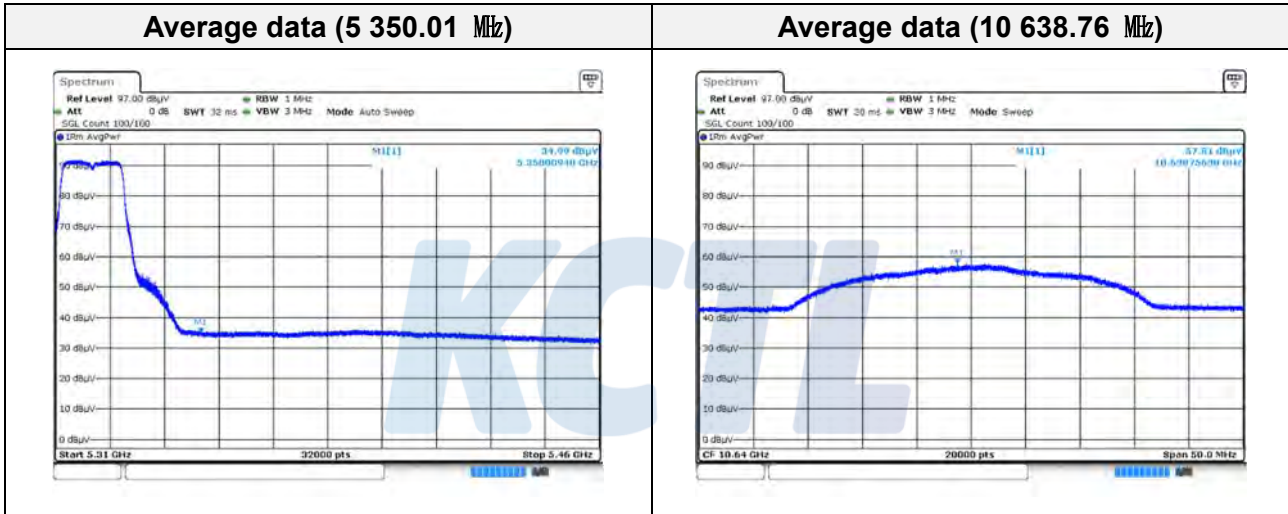


**Horizontal/Vertical for 18 GHz ~ 40 GHz**

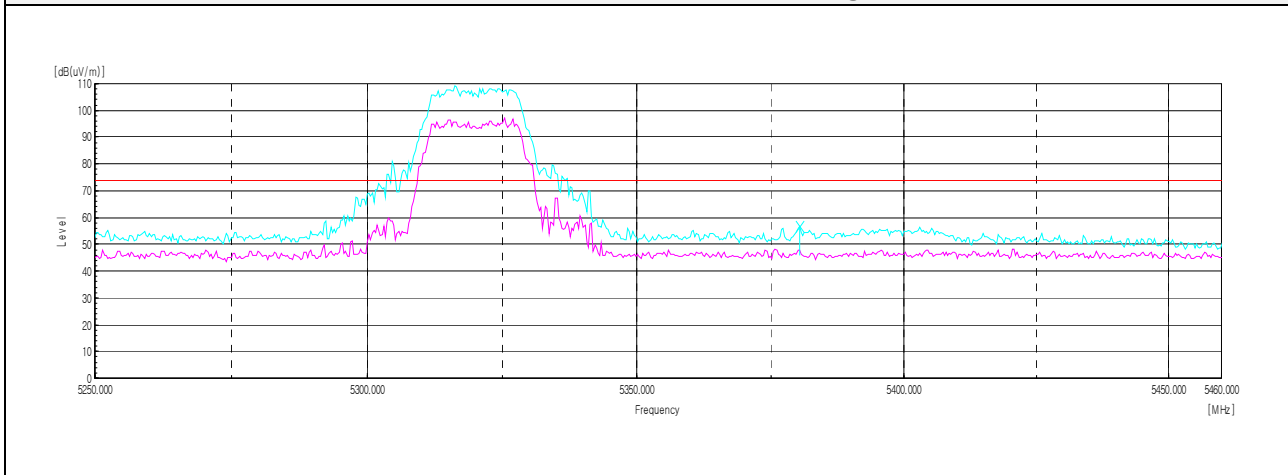


**Highest Channel (5 320 MHz)**

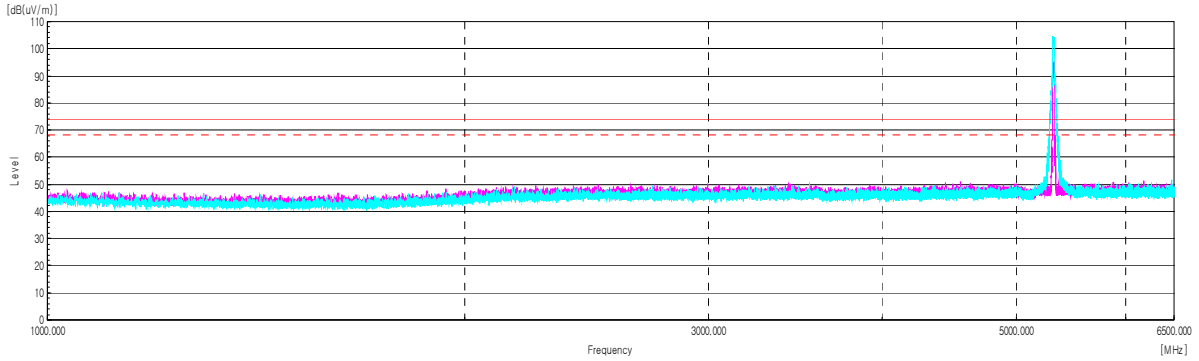
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 350.01 <sup>1)</sup>	V	46.00	34.59	-23.89	-	56.70	74.00	17.30
10 638.76 <sup>1)</sup>	V	65.19	37.71	-47.70	-	55.20	74.00	18.80
15 959.27 <sup>1)</sup>	V	46.47	40.58	-39.15	-	47.90	74.00	26.10
<b>Average Data</b>								
5 350.01 <sup>1)</sup>	V	34.99	34.59	-23.89	0.22	45.91	54.00	8.09
10 638.76 <sup>1)</sup>	V	57.81	37.71	-47.70	0.22	48.04	54.00	5.96



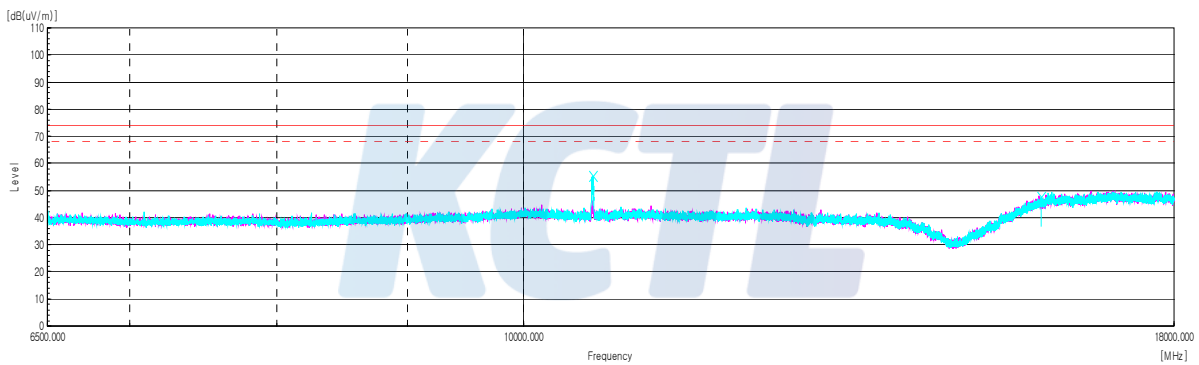
**Horizontal/Vertical for Band-edge**



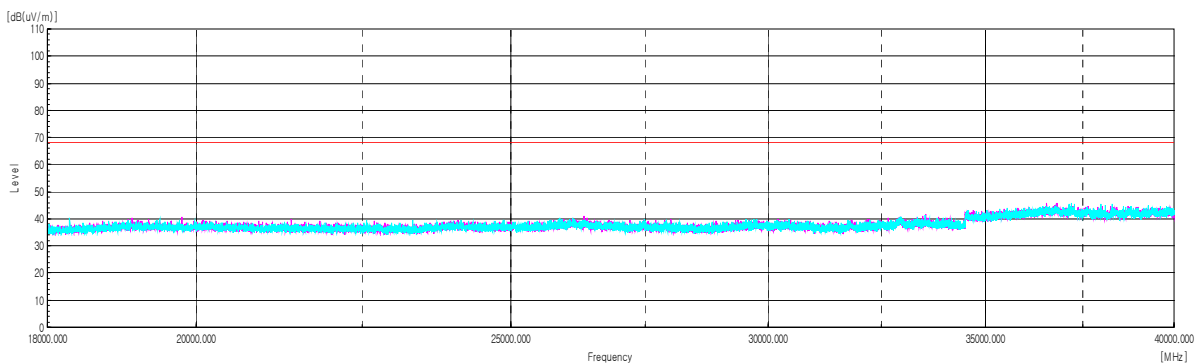
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

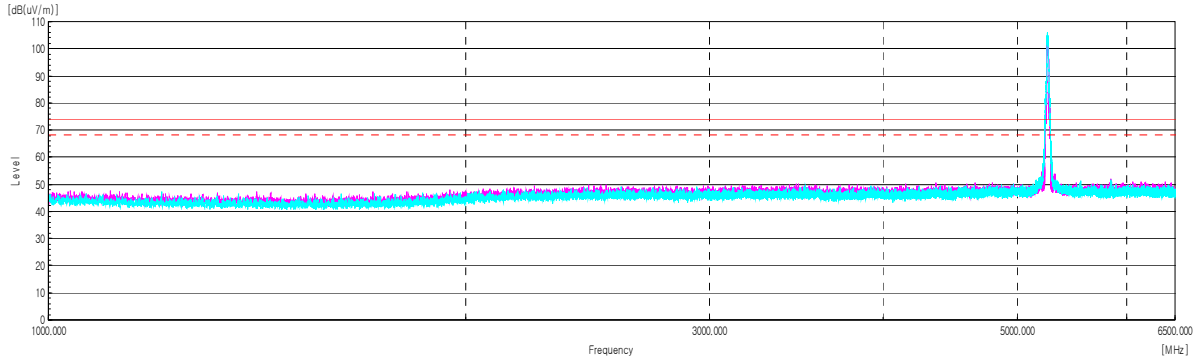


**802.11a UNII 2A 4TX MIMO****Lowest Channel (5 260 MHz)**

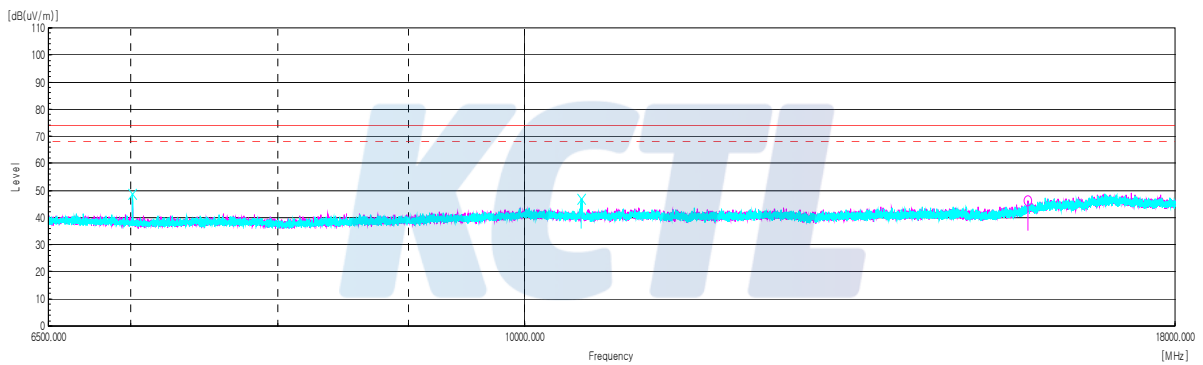
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu V$ ))	Antenna Factor (dB)	Amp. + Cable (dB)	DCF (dB)	Result (dB( $\mu V/m$ ))	Limit (dB( $\mu V/m$ ))	Margin (dB)
<b>Peak data</b>								
7 013.69	V	64.04	35.60	-50.74	-	48.90	68.20	19.30
10 522.67	V	57.31	37.62	-47.83	-	47.10	68.20	21.10
15 763.12 <sup>1)</sup>	H	45.66	40.51	-40.07	-	46.10	74.00	27.90
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

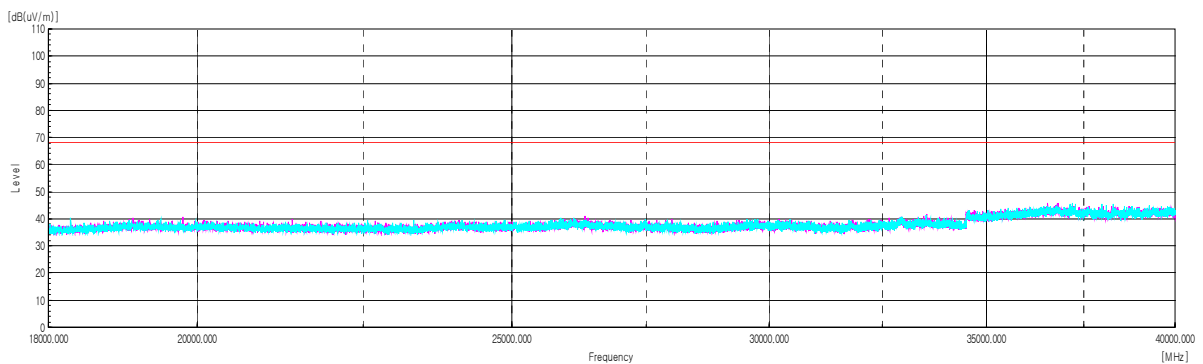
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**



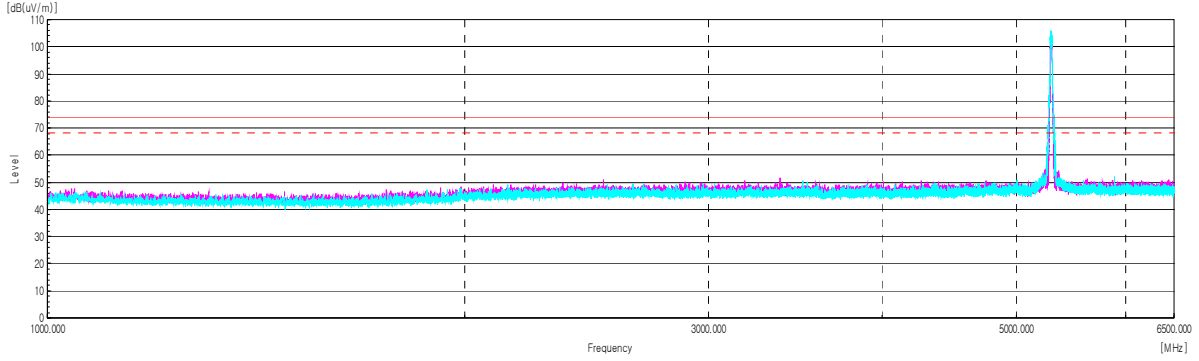


**Middle Channel (5 300 MHz)**

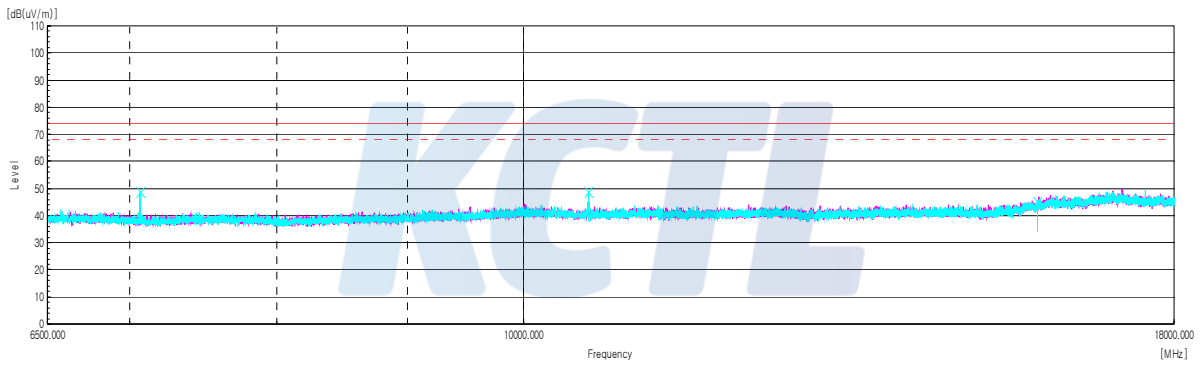
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu V$ ))	(dB)	(dB)	(dB)	(dB( $\mu V/m$ ))	(dB( $\mu V/m$ ))	(dB)
<b>Peak data</b>								
7 066.73	V	63.96	35.61	-50.67	-	48.90	68.20	19.30
10 603.17 <sup>1)</sup>	V	58.96	37.68	-47.74	-	48.90	74.00	25.10
15 910.08 <sup>1)</sup>	V	44.12	40.56	-39.38	-	45.30	74.00	28.70
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

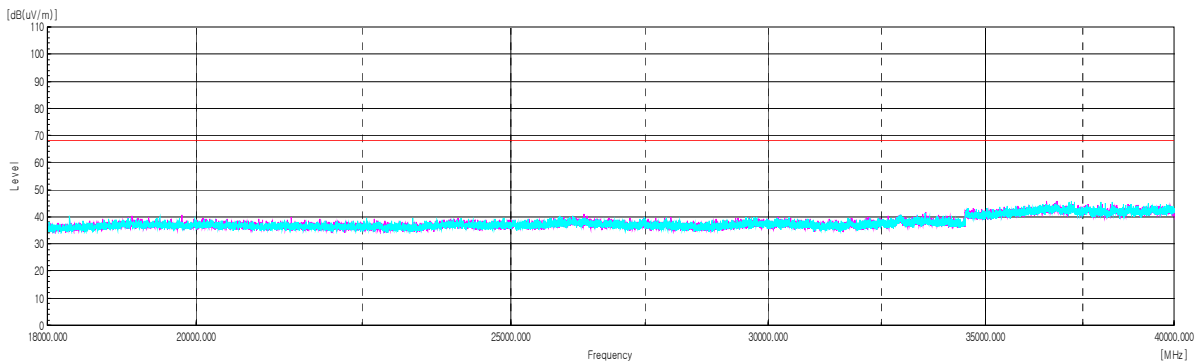
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



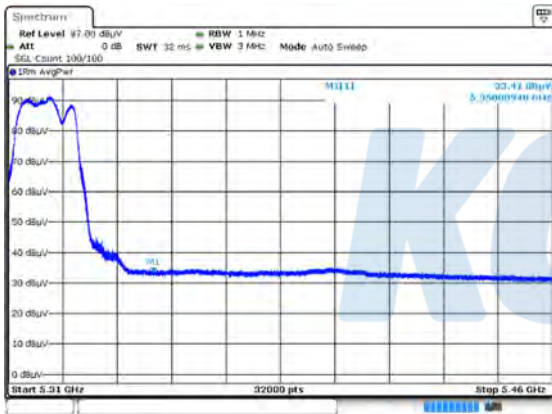
**Horizontal/Vertical for 18 GHz ~ 40 GHz**



**Highest Channel (5 320 MHz)**

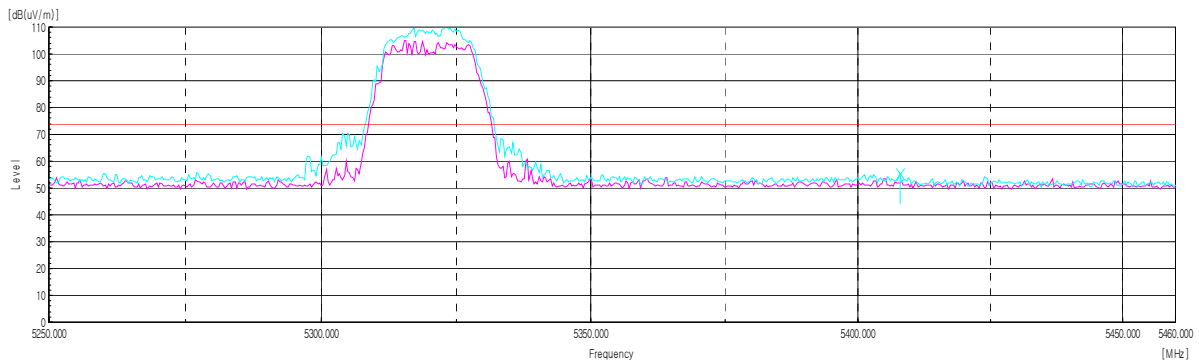
Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
<b>Peak data</b>								
5 350.01 <sup>1)</sup>	V	44.60	34.59	-23.89	-	55.30	74.00	18.70
5 910.86	V	62.38	35.21	-42.19	-	55.40	68.20	12.80
7 093.56	V	62.31	35.62	-50.63	-	47.30	68.20	20.90
10 640.23 <sup>1)</sup>	V	58.29	37.71	-47.70	-	48.30	74.00	25.70
15 955.44 <sup>1)</sup>	V	42.89	40.58	-39.17	-	44.30	74.00	29.70
<b>Average Data</b>								
5 350.01 <sup>1)</sup>	V	33.41	34.59	-23.89	0.22	44.33	54.00	9.67

**Average data (5 350.01 MHz)**

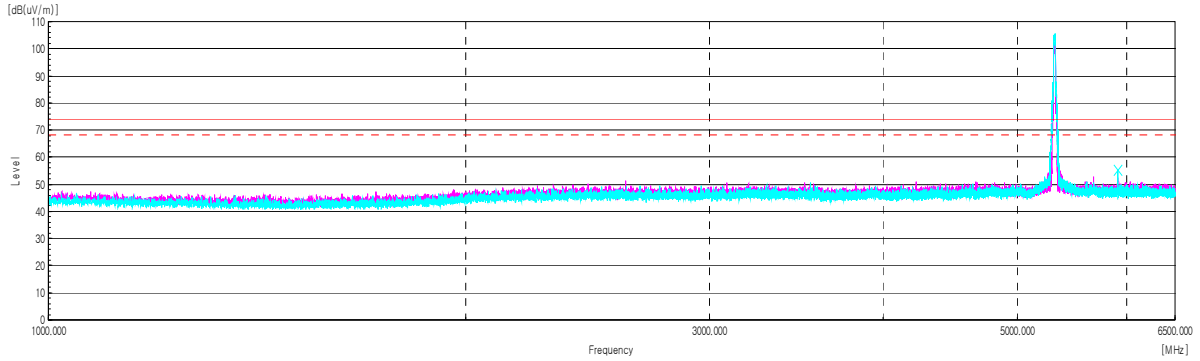


Blank

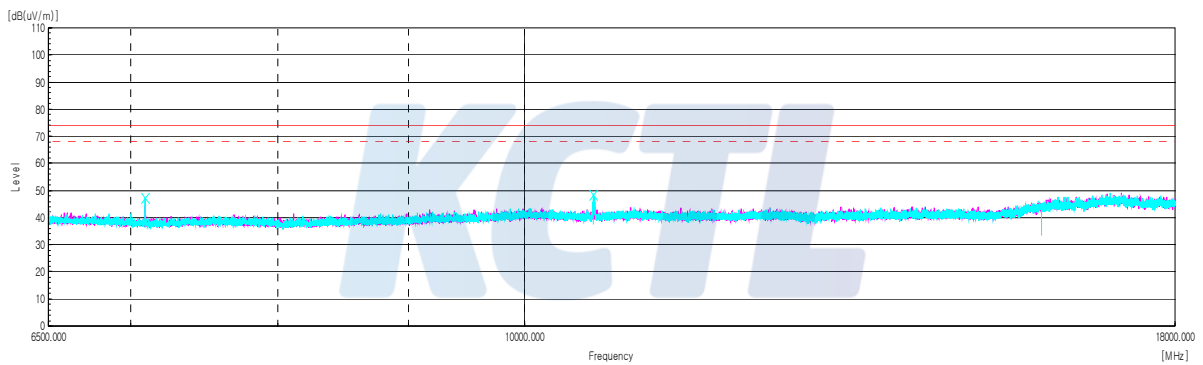
**Horizontal/Vertical for Band-edge**



**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



**Horizontal/Vertical for 6.5 GHz ~ 18 GHz**



**Horizontal/Vertical for 18 GHz ~ 40 GHz**

