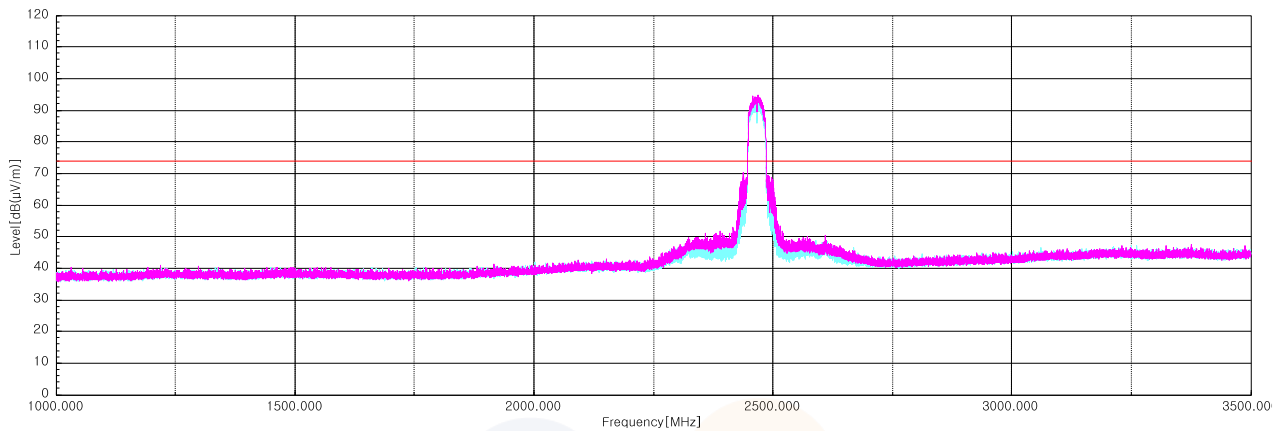
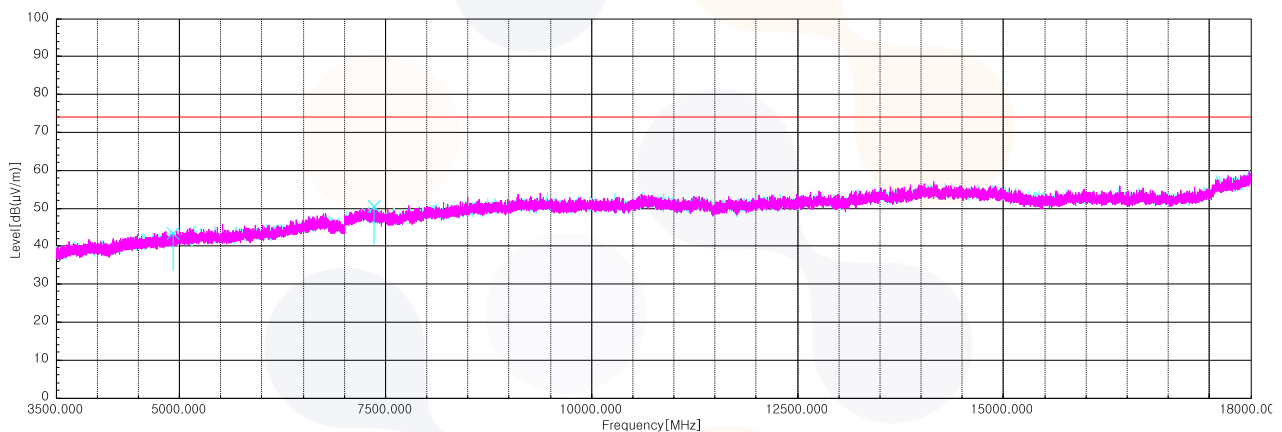


Horizontal/Vertical for 1 GHz ~ 3.5 GHz

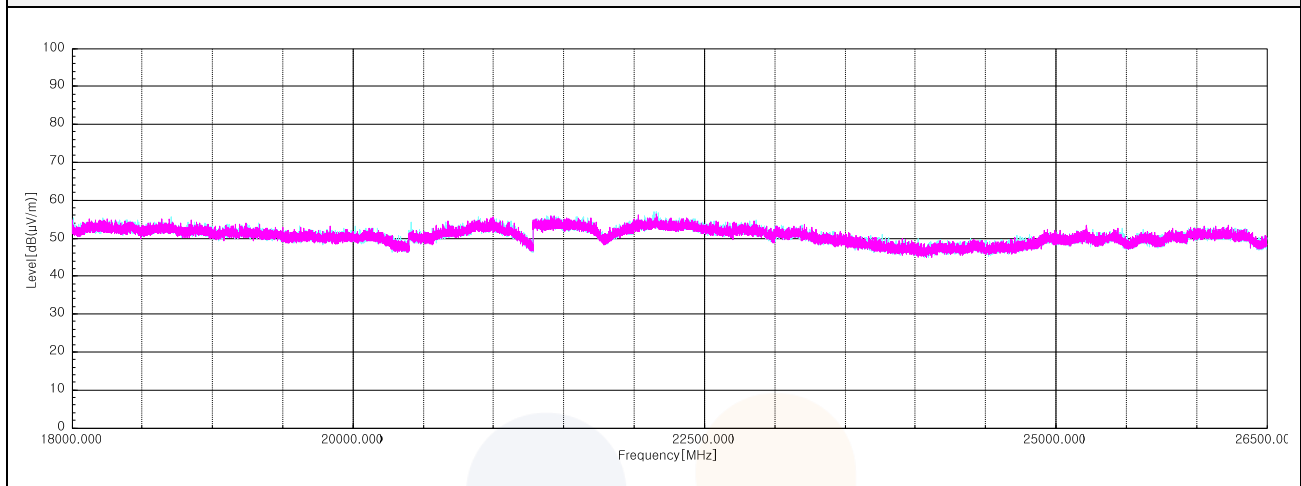


Horizontal/Vertical for 3.5 GHz ~ 18 GHz



Test results (Above 18 GHz) – Worst case: 802.11g / 2 472 MHz

Horizontal/Vertical for 18 GHz ~ 26.5 GHz



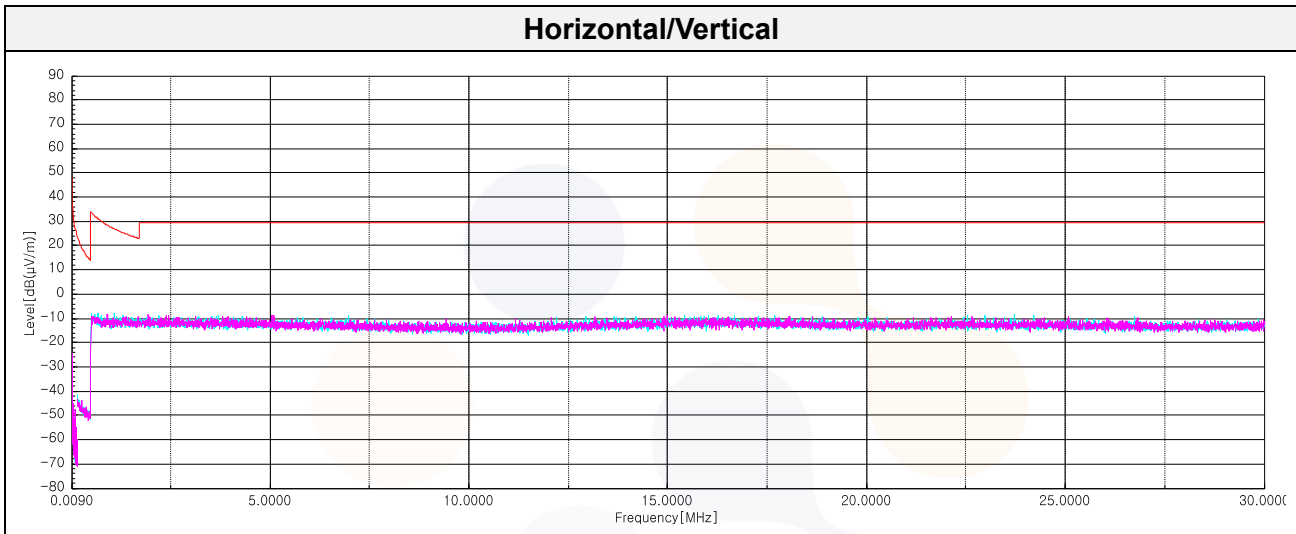
Note:

The Worst case was based on the lowest margin condition considering Harmonic and Spurious Emission

[DC 12 V]

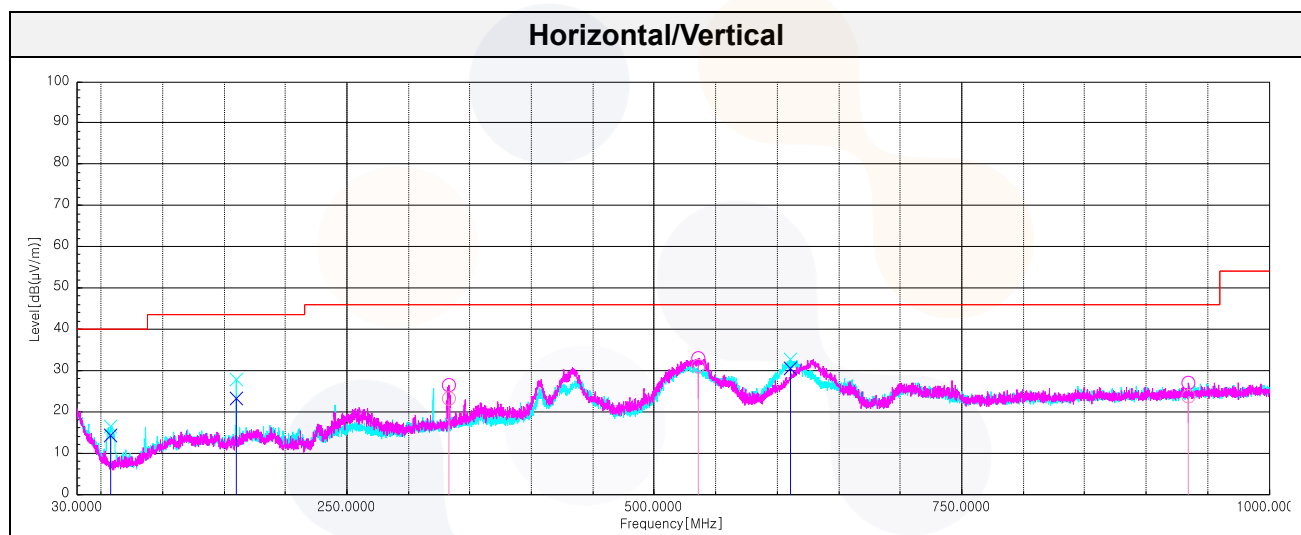
Test results (Below 30 MHz) – Worst case: 802.11g_2 412 MHz

Frequency	Pol.	Reading	Antenna Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Quasi peak data								
No spurious emissions were detected within 20 dB of the limit.								



Test results (Below 1 000 MHz) – Worst case: 802.11g_2 412 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)
Quasi peak data								
58.01	V	33.80	12.20	-31.88	-	14.12	40.00	25.88
159.98	V	38.60	16.00	-31.35	-	23.25	43.52	20.27
332.88 ¹⁾	H	34.10	19.70	-30.73	-	23.07	46.02	22.95
535.98	H	37.60	23.60	-30.27	-	30.93	46.02	15.09
610.67 ¹⁾	V	35.70	24.63	-29.77	-	30.56	46.02	15.46
934.65	H	24.90	26.63	-27.76	-	23.77	46.02	22.25



Test results (Above 1 000 MHz)

802.11b_2 412 MHz

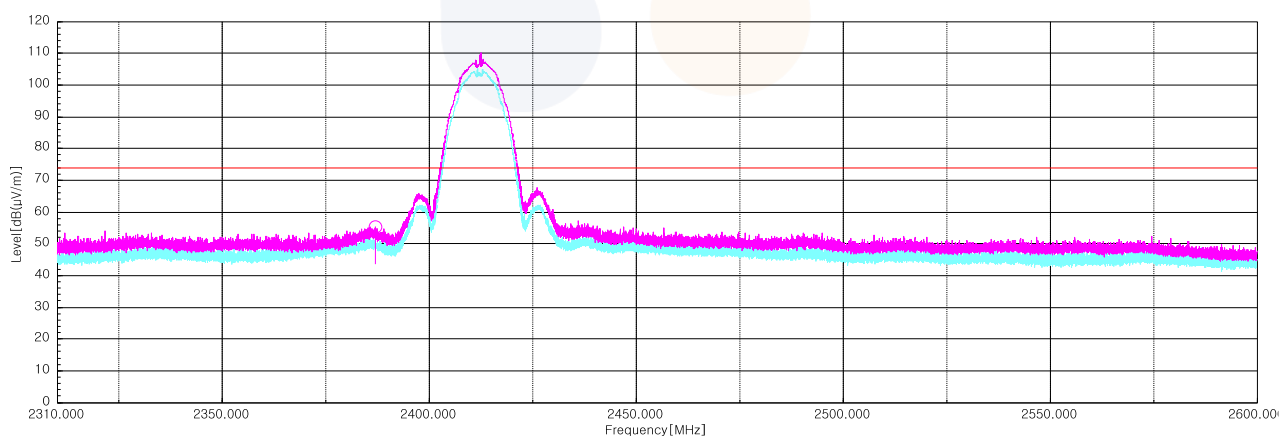
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
2 385.55 ¹⁾	H	57.20	27.16	-29.03	-	55.33	74.00	18.67
4 823.85 ¹⁾	H	57.80	32.25	-44.76	-	45.29	74.00	28.71
7 229.40	H	55.00	37.06	-42.64	-	49.42	74.00	24.58
Average Data								
2 385.55 ¹⁾	H	47.44	27.16	-29.03	0.09	45.66	54.00	8.34

Average data

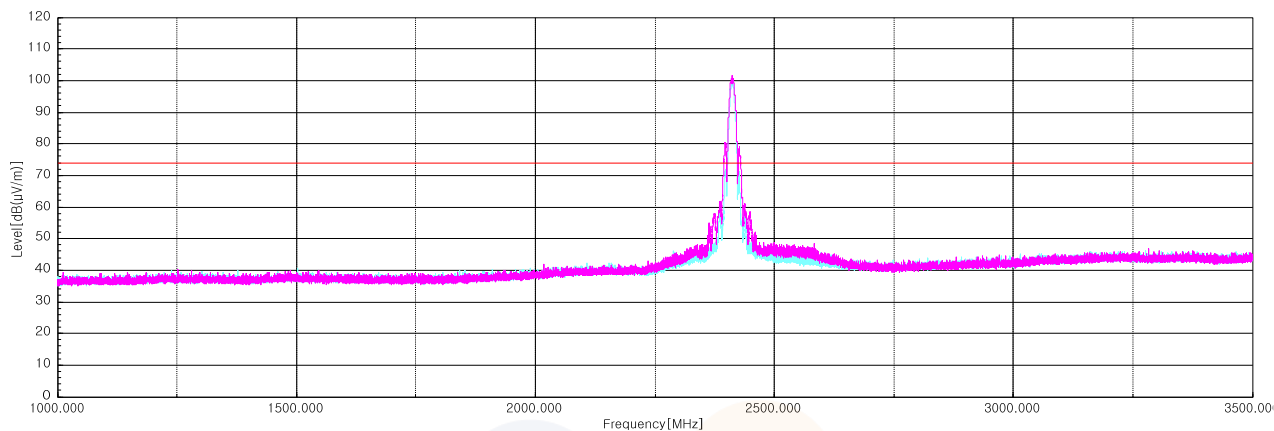


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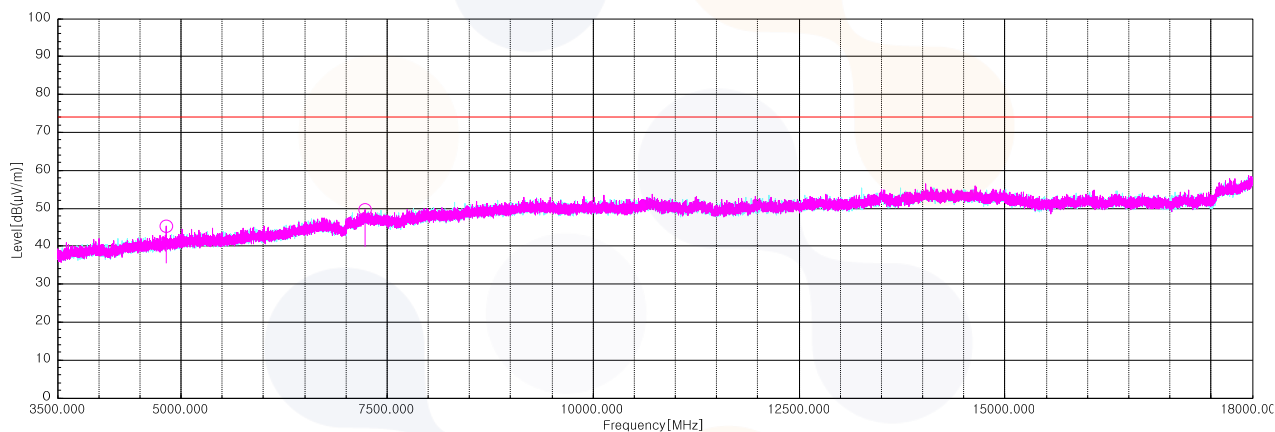
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



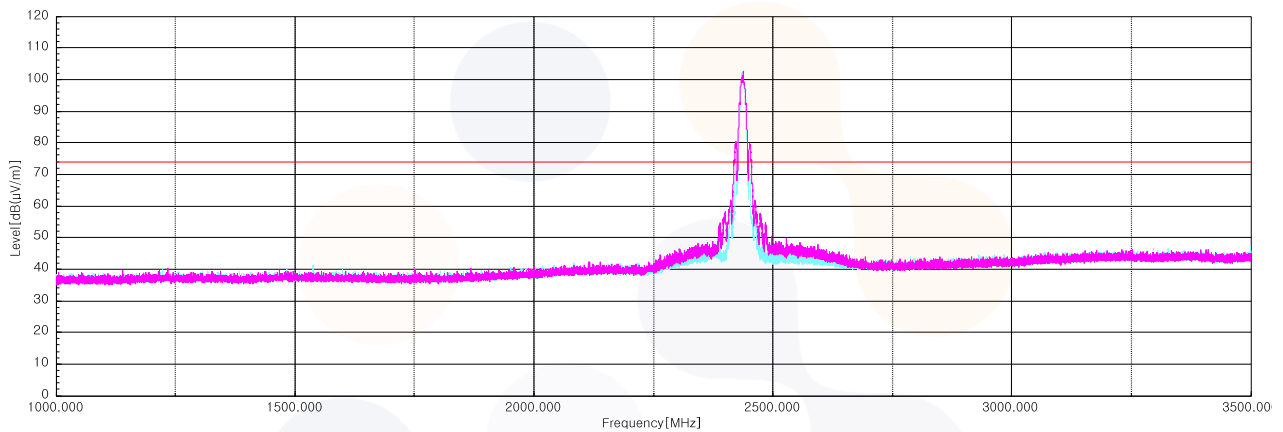
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



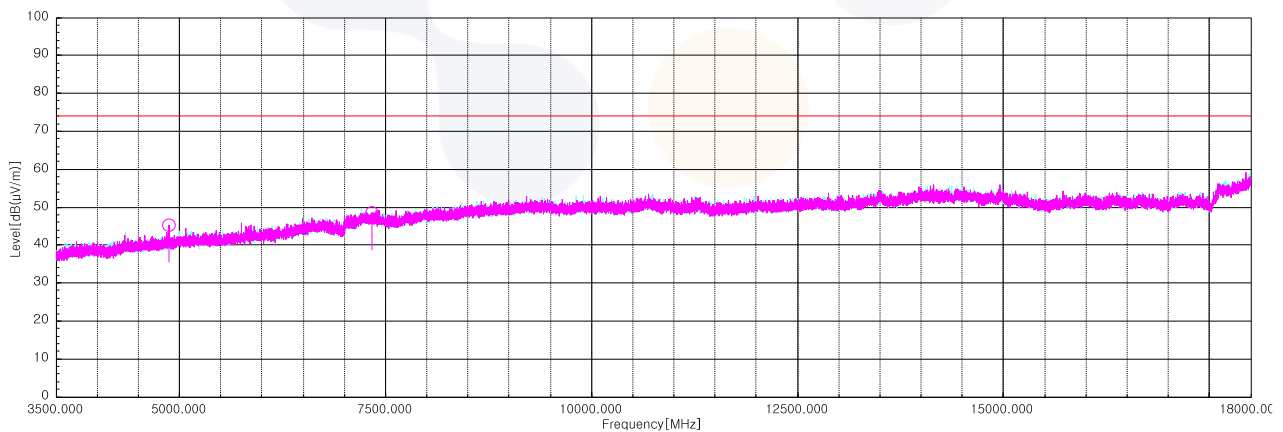
802.11b_2 437 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
4 873.63 ¹⁾	H	57.30	32.49	-44.54	-	45.25	74.00	28.75
7 333.32 ¹⁾	H	54.00	36.87	-42.52	-	48.35	74.00	25.65
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for 1 GHz ~ 3.5 GHz



Horizontal/Vertical for 3.5 GHz ~ 18 GHz



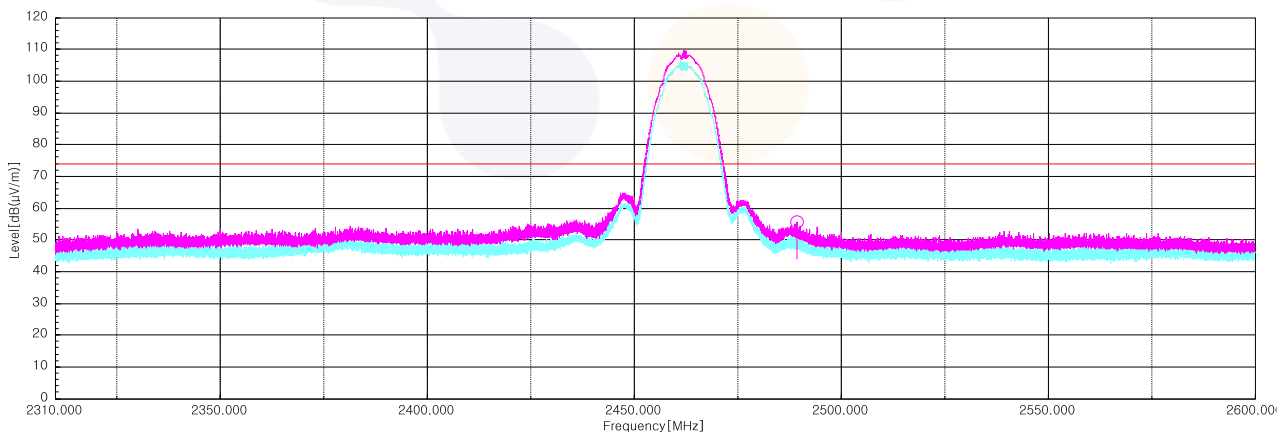
802.11b_2 462 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 488.36 ¹⁾	H	56.50	27.78	-28.83	-	55.45	74.00	18.55
4 923.42 ¹⁾	H	56.90	32.84	-44.32	-	45.42	74.00	28.58
7 376.82 ¹⁾	V	54.30	36.85	-42.46	-	48.69	74.00	25.31
Average Data								
2 488.36 ¹⁾	H	42.54	27.78	-28.83	0.09	41.58	54.00	12.42

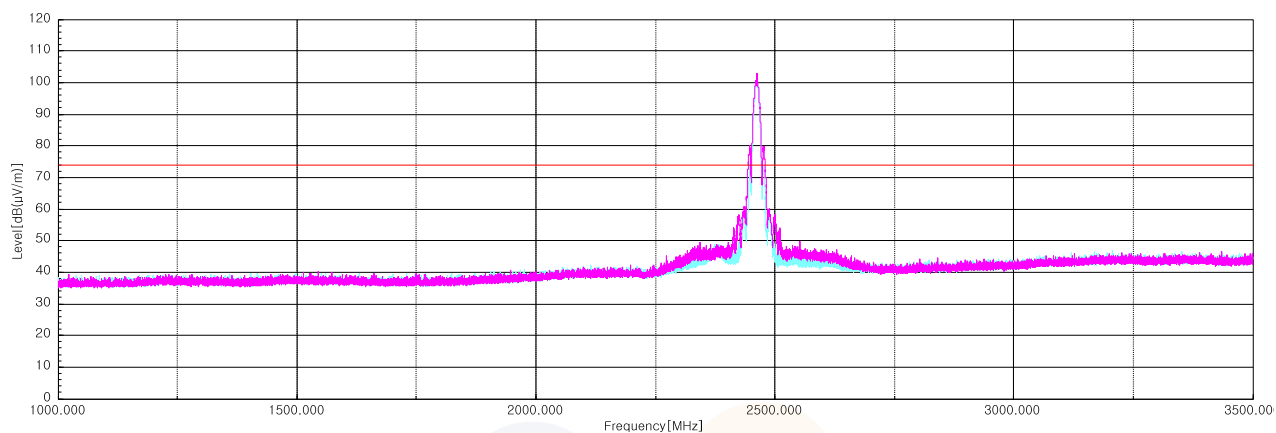
Average data



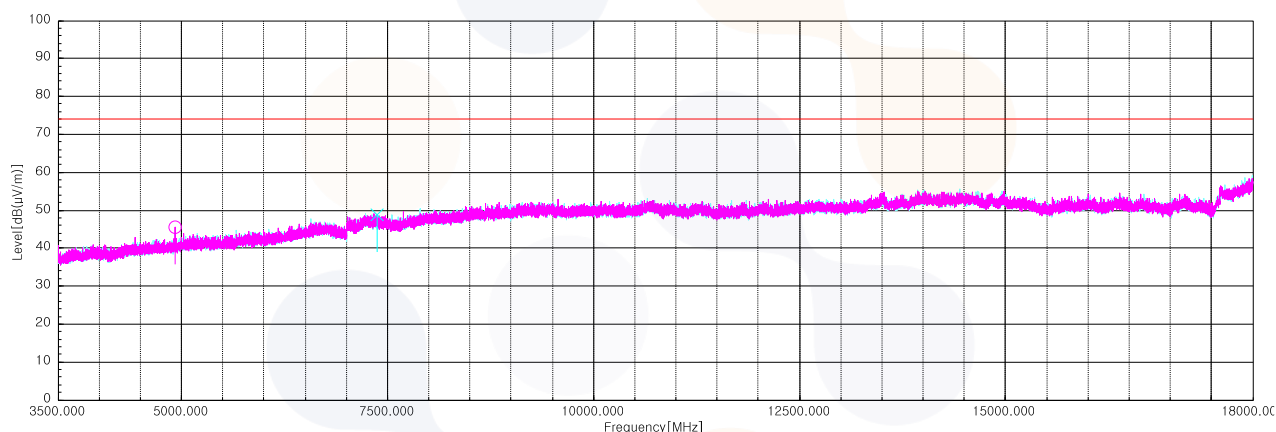
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



Horizontal/Vertical for 3.5 GHz ~ 18 GHz



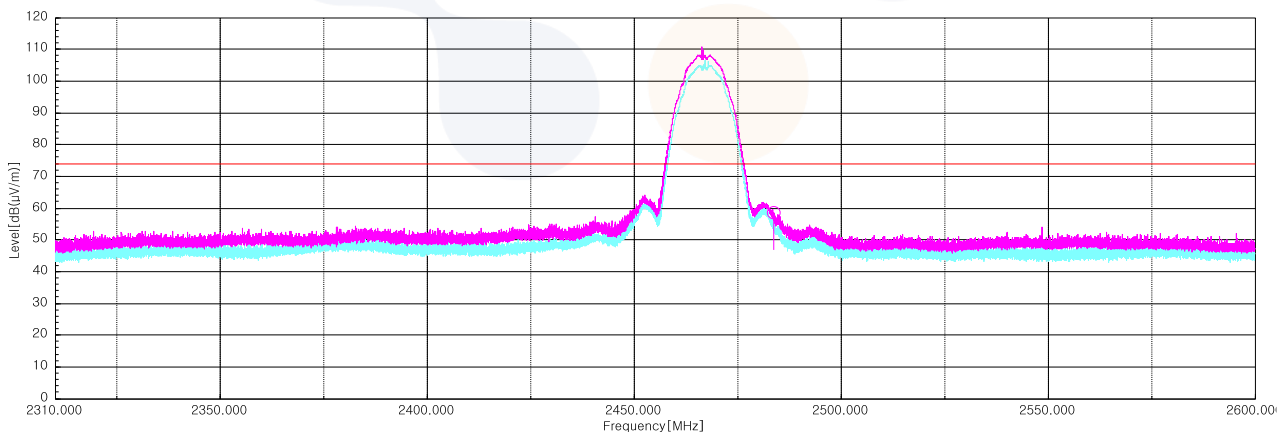
802.11b_2 467 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 483.50 ¹⁾	H	59.70	27.74	-28.84	-	58.60	74.00	15.40
4 933.57 ¹⁾	H	57.70	32.90	-44.27	-	46.33	74.00	27.67
7 398.57 ¹⁾	V	54.70	36.80	-42.42	-	49.08	74.00	24.92
Average Data								
2 483.50 ¹⁾	H	48.79	27.74	-28.84	0.09	47.78	54.00	6.22

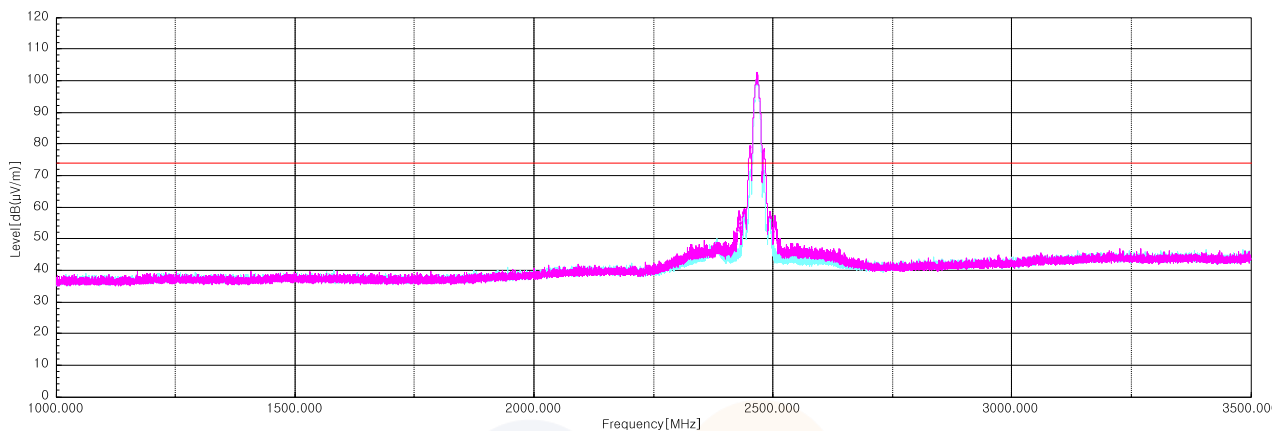
Average data



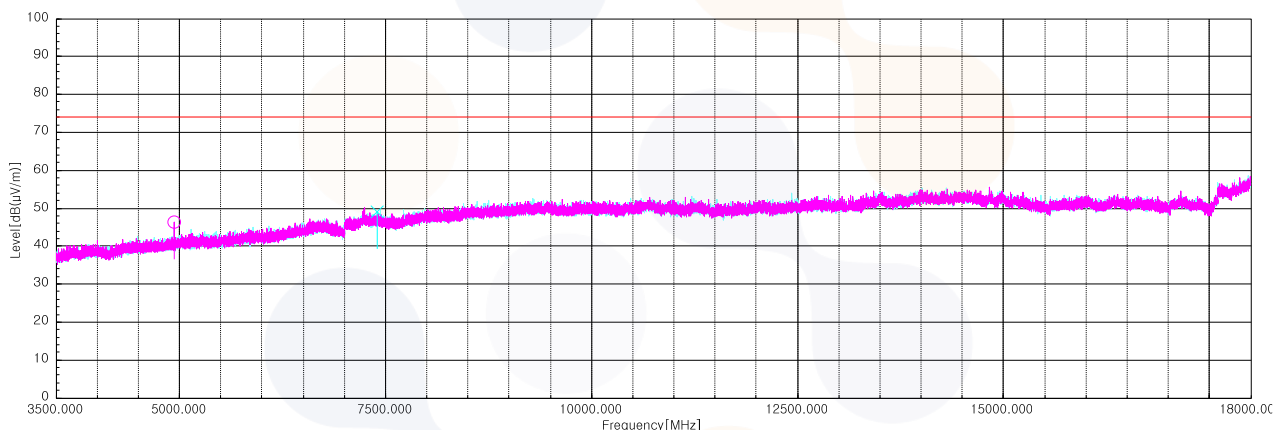
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



Horizontal/Vertical for 3.5 GHz ~ 18 GHz



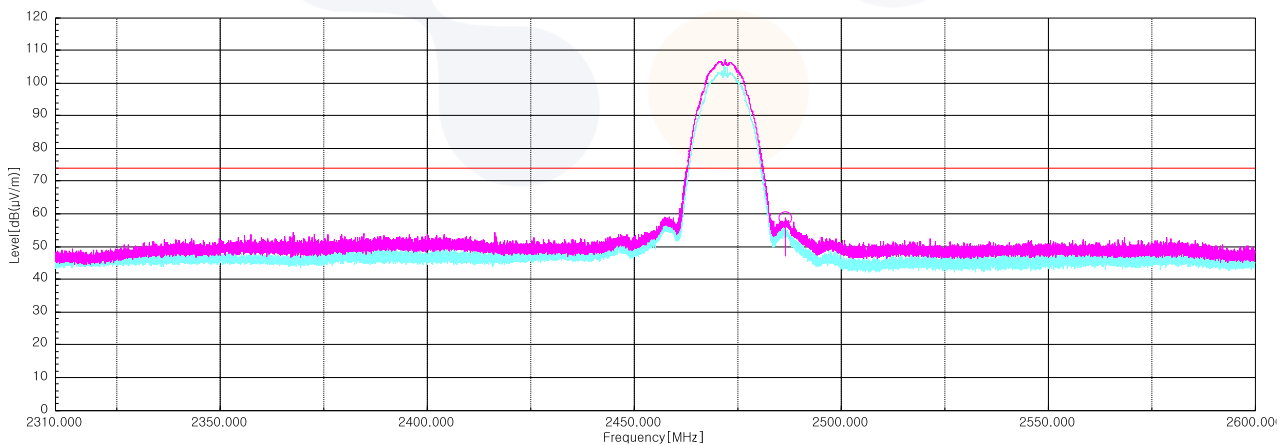
802.11b_2 472 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 486.12 ¹⁾	H	59.80	27.76	-28.84	-	58.72	74.00	15.28
4 943.72 ¹⁾	H	56.90	32.96	-44.23	-	45.63	74.00	28.37
7 416.45 ¹⁾	V	53.80	36.77	-42.40	-	48.17	74.00	25.83
Average Data								
2 486.12 ¹⁾	H	52.82	27.76	-28.84	0.09	51.83	54.00	2.17

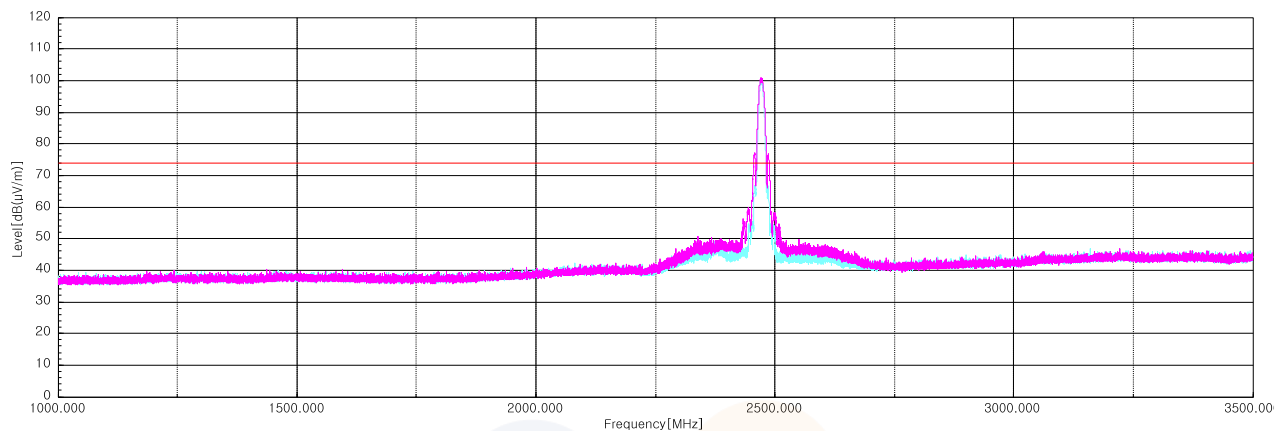
Average data



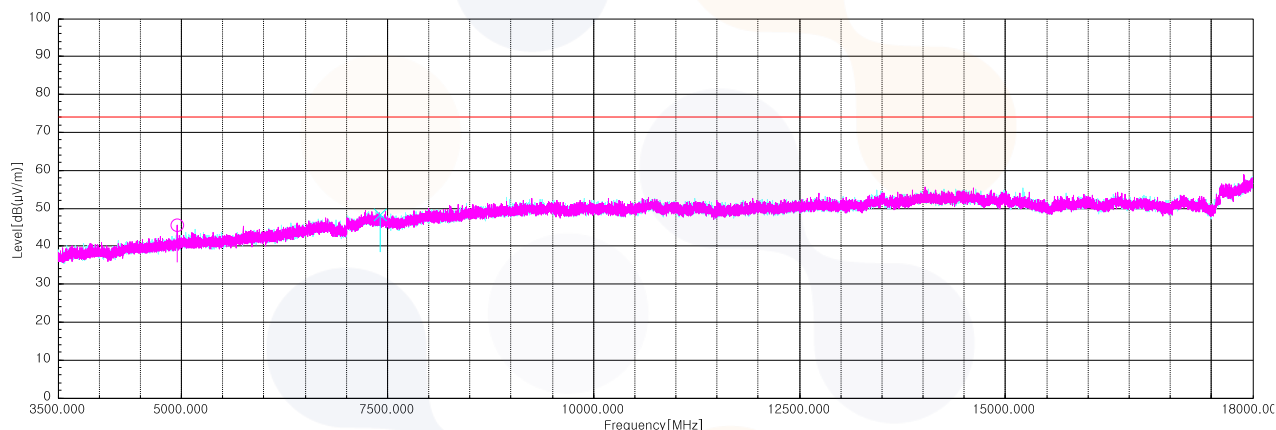
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



Horizontal/Vertical for 3.5 GHz ~ 18 GHz



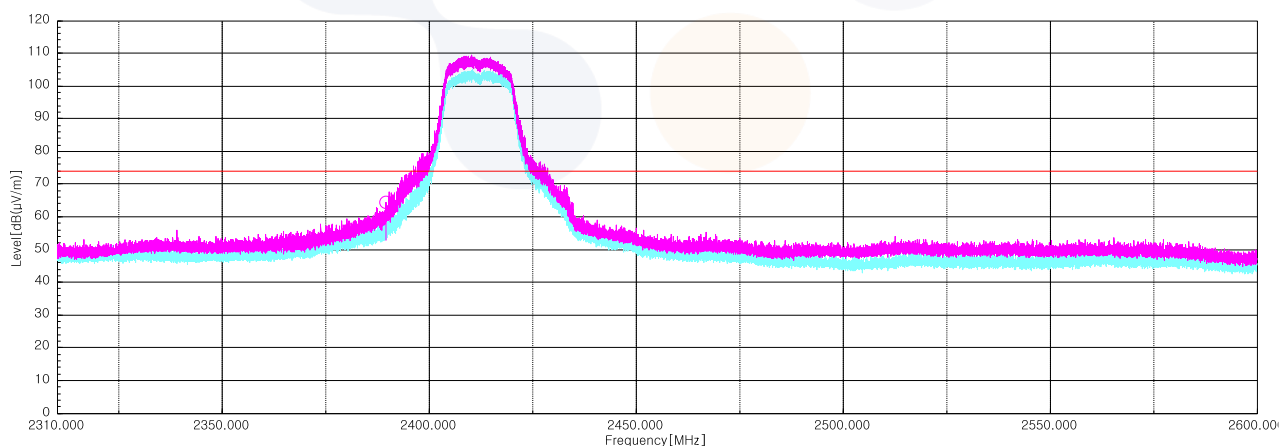
802.11g_2 412 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 389.99 ¹⁾	H	66.30	27.20	-29.02	-	64.48	74.00	9.52
4 823.37 ¹⁾	H	56.40	32.25	-44.76	-	43.89	74.00	30.11
7 234.23	V	55.40	37.07	-42.64	-	49.83	74.00	24.17
Average Data								
2 389.99 ¹⁾	H	52.36	27.20	-29.02	-	50.54	54.00	3.46

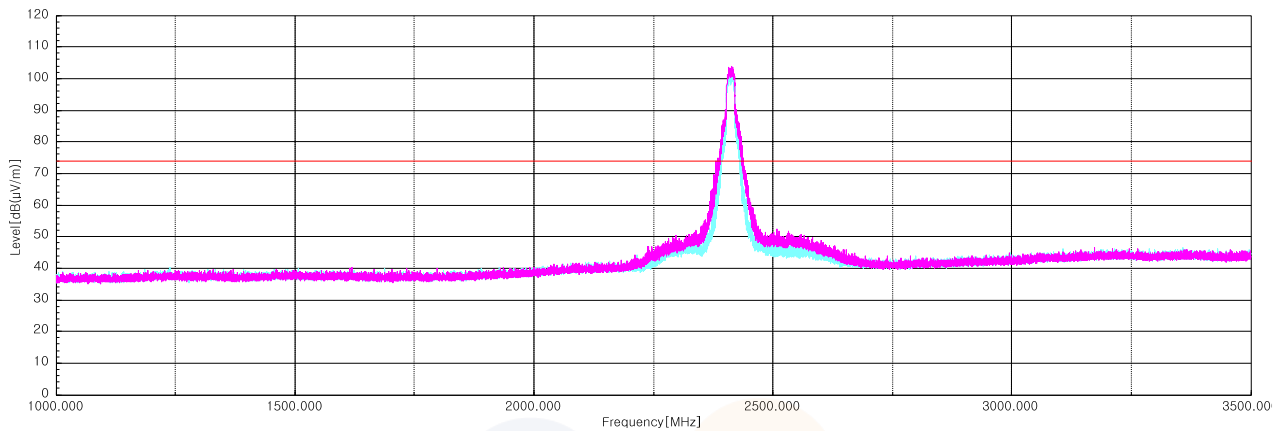
Average data



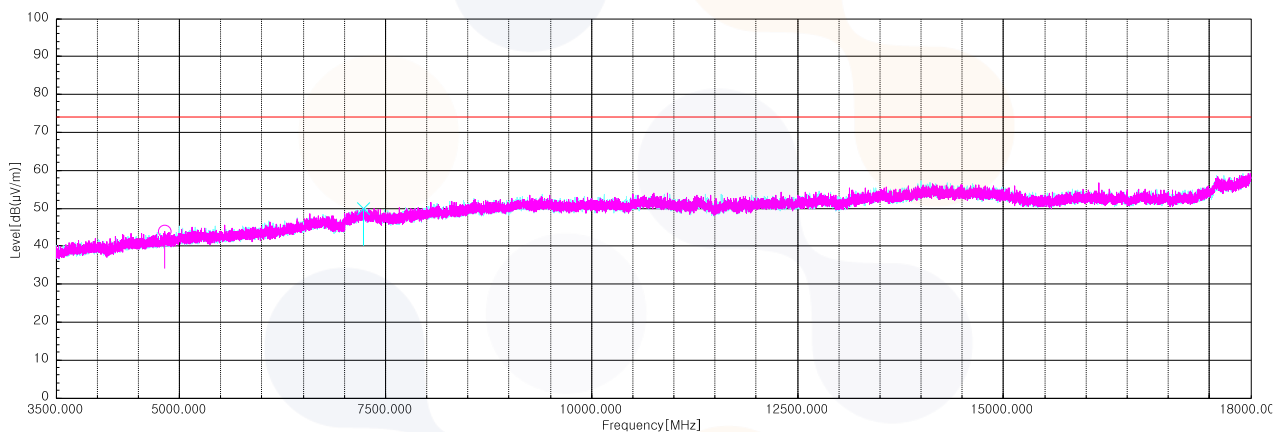
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



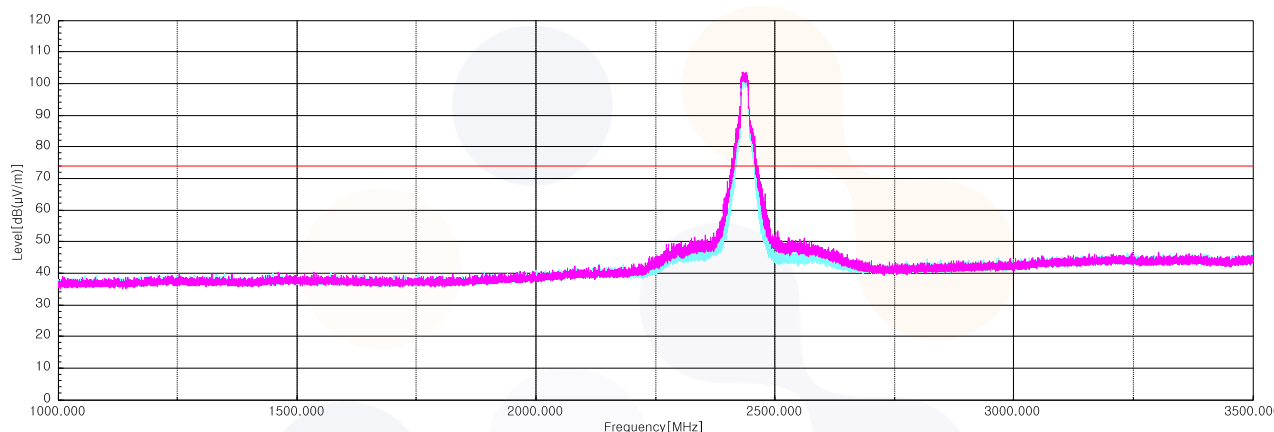
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



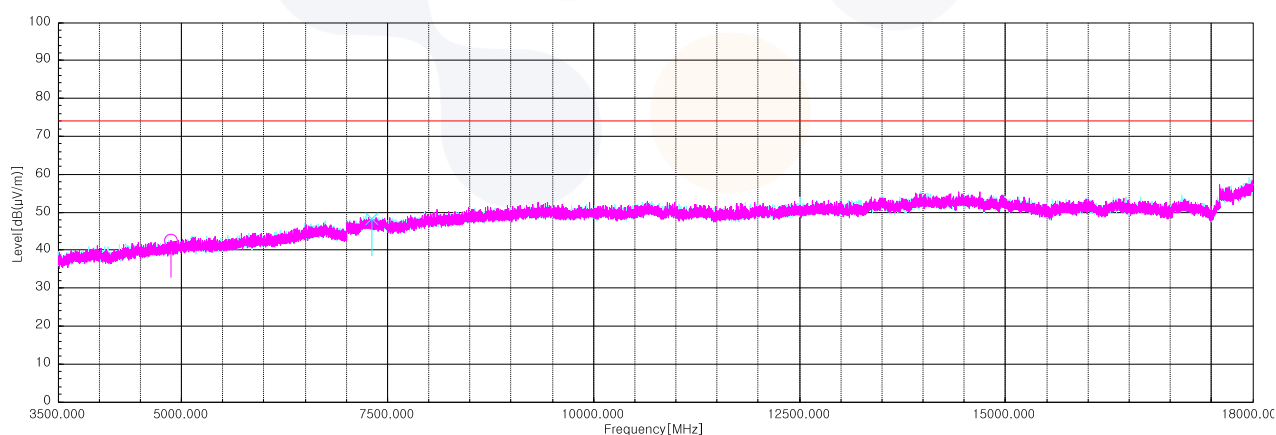
802.11g_2 437 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
4 866.38 ¹⁾	H	54.70	32.47	-44.57	-	42.60	74.00	31.40
7 308.18 ¹⁾	V	53.80	36.97	-42.56	-	48.21	74.00	25.79
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for 1 GHz ~ 3.5 GHz



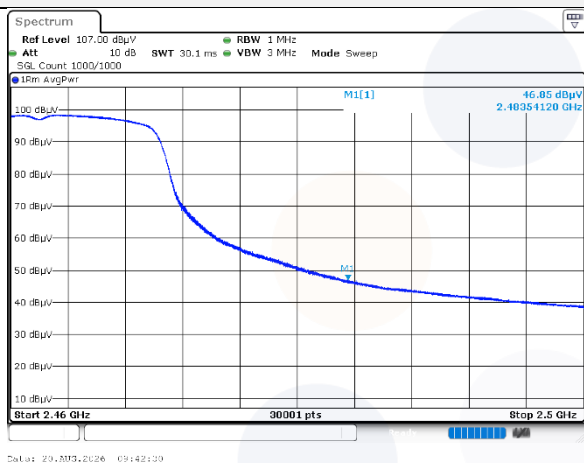
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



802.11g_2 462 MHz

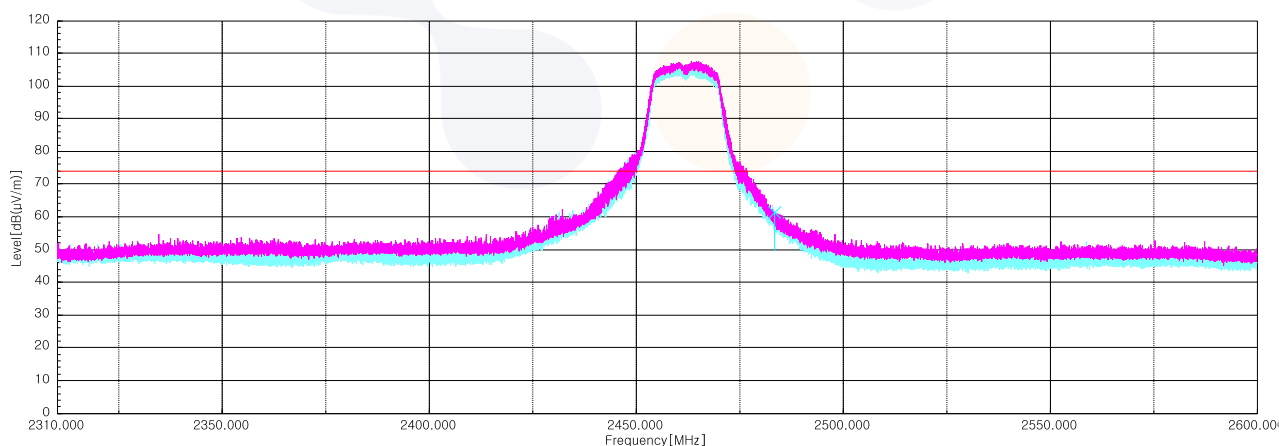
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 483.54 ¹⁾	V	62.40	27.74	-28.84	-	61.30	74.00	12.70
4 922.45 ¹⁾	H	55.60	32.83	-44.32	-	44.11	74.00	29.89
7 409.20 ¹⁾	V	55.20	36.78	-42.41	-	49.57	74.00	24.43
Average Data								
2 483.54 ¹⁾	V	46.85	27.74	-28.84	-	45.75	54.00	8.25

Average data

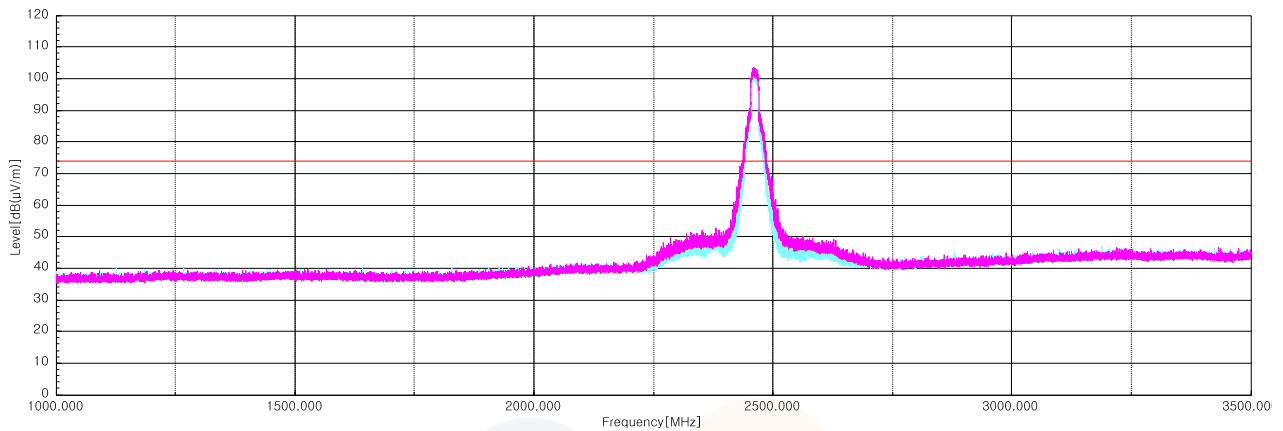


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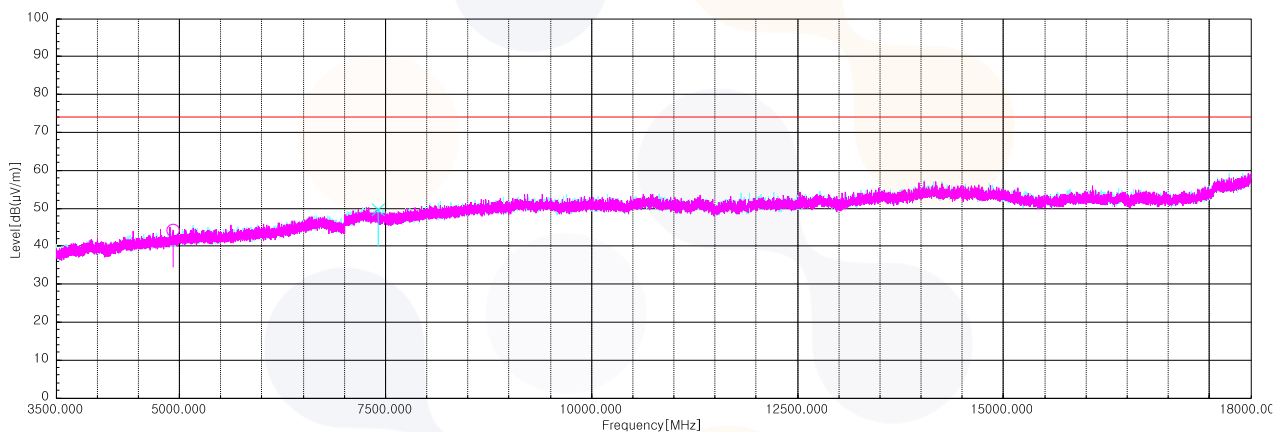
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



Horizontal/Vertical for 3.5 GHz ~ 18 GHz



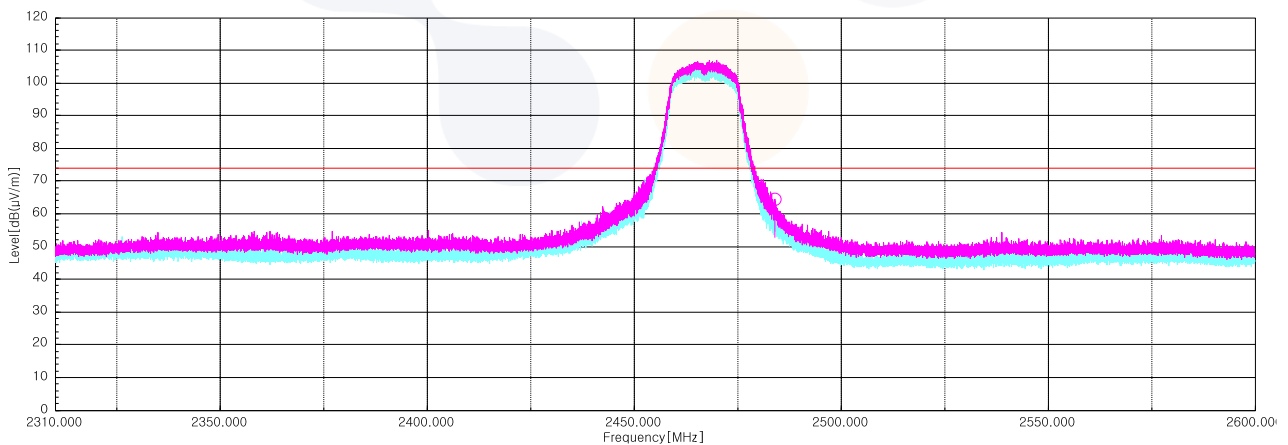
802.11g_2 467 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 483.59 ¹⁾	H	65.50	27.74	-28.84	-	64.40	74.00	9.60
4 933.08 ¹⁾	H	57.00	32.90	-44.27	-	45.63	74.00	28.37
7 411.13 ¹⁾	H	55.40	36.78	-42.41	-	49.77	74.00	24.23
Average Data								
2 483.53 ¹⁾	H	52.25	27.74	-28.84	-	51.15	54.00	2.85

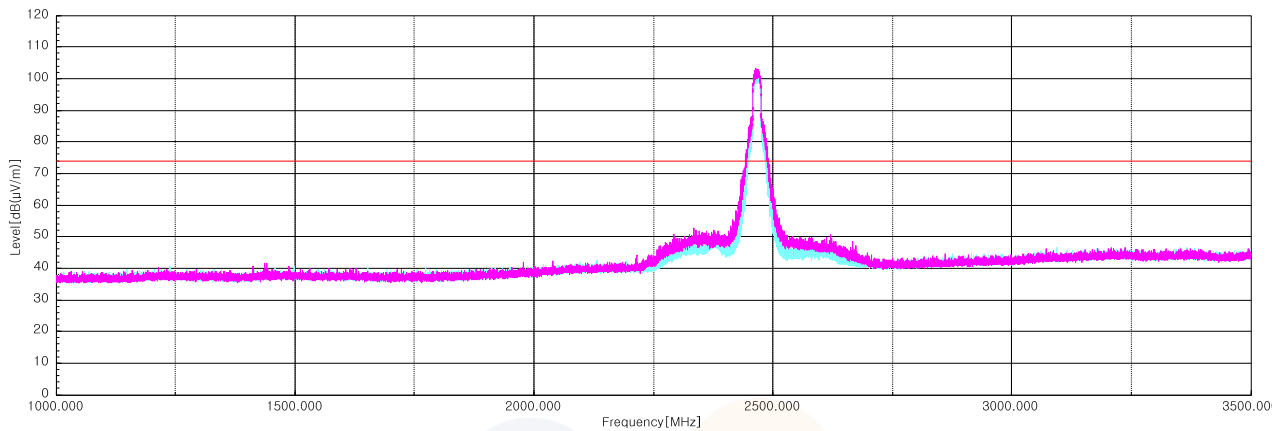
Average data



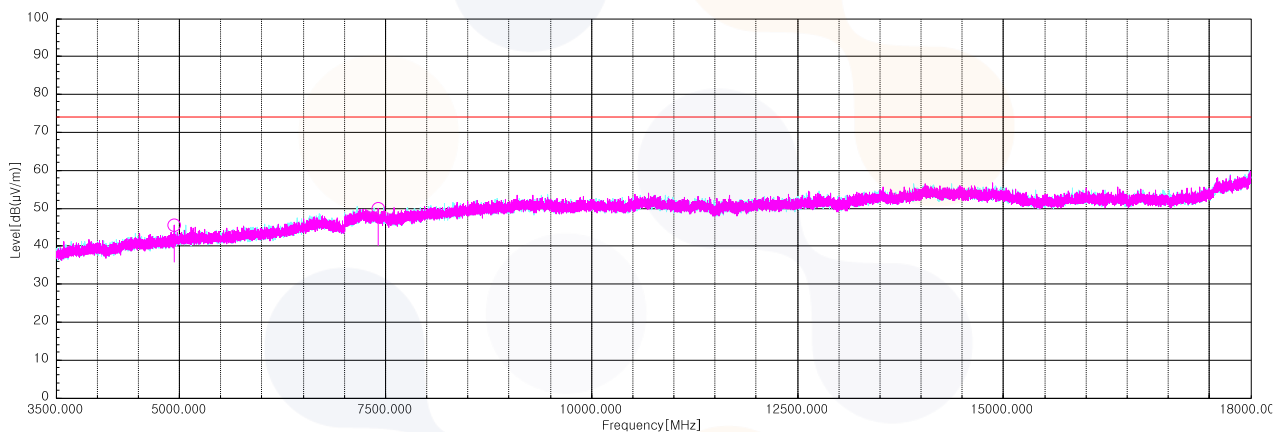
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



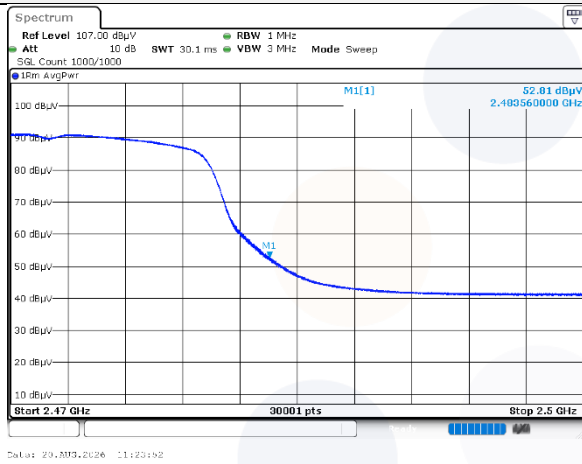
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



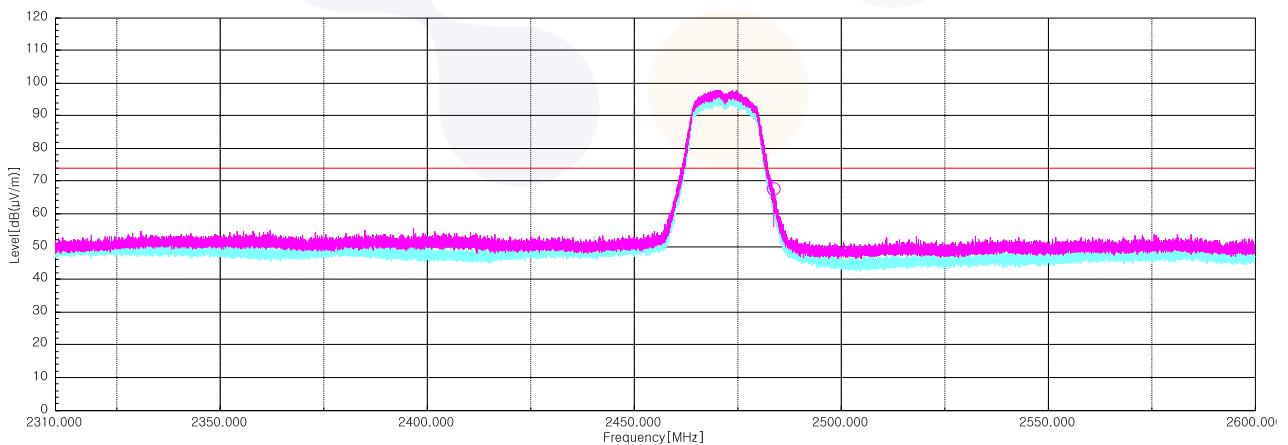
802.11g_2 472 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 483.66 ¹⁾	H	68.80	27.74	-28.84	-	67.70	74.00	6.30
4 940.33 ¹⁾	V	55.80	32.94	-44.24	-	44.50	74.00	29.50
7 393.73 ¹⁾	V	55.30	36.81	-42.43	-	49.68	74.00	24.32
Average Data								
2 483.56 ¹⁾	H	52.81	27.74	-28.84	-	51.71	54.00	2.29

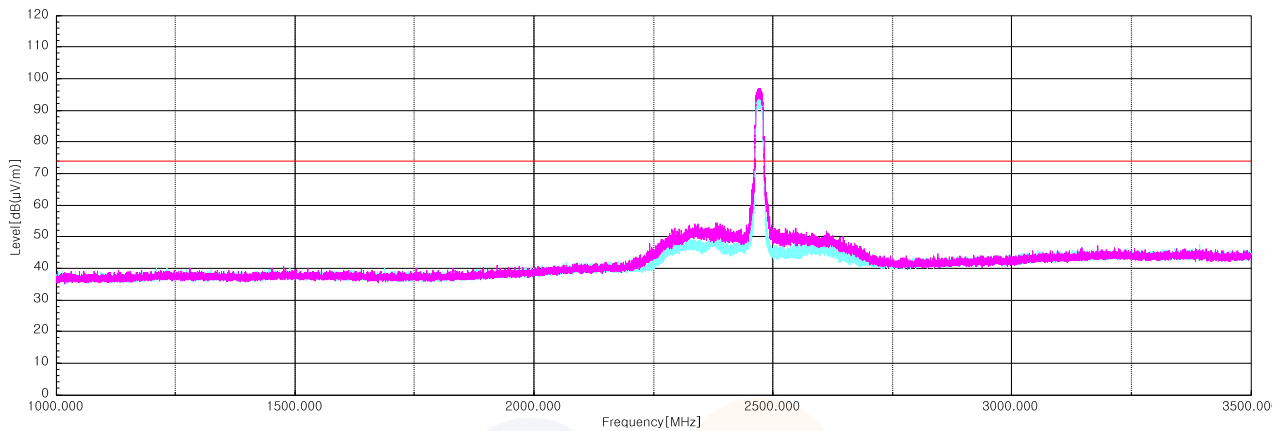
Average data



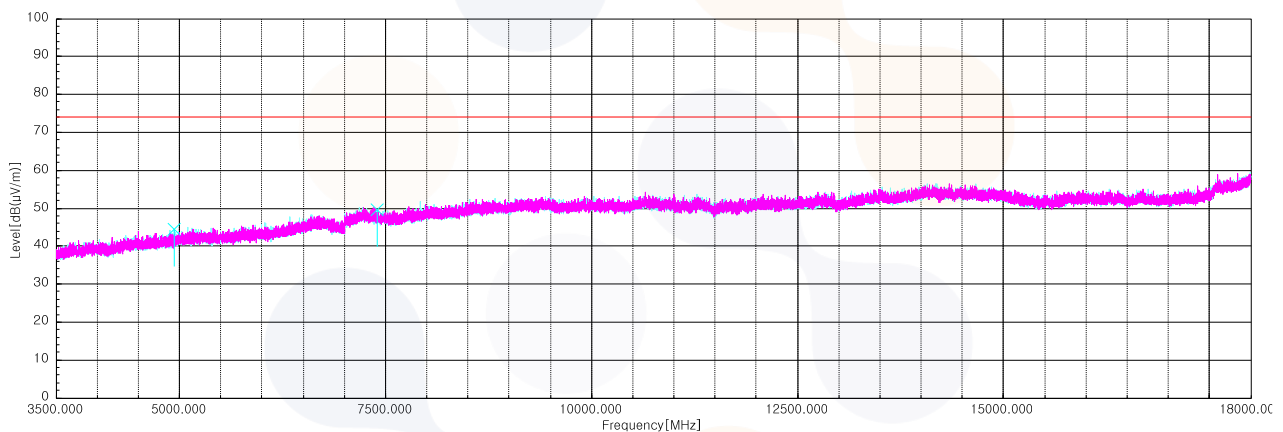
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



Horizontal/Vertical for 3.5 GHz ~ 18 GHz



802.11n HT20_2 412 MHz

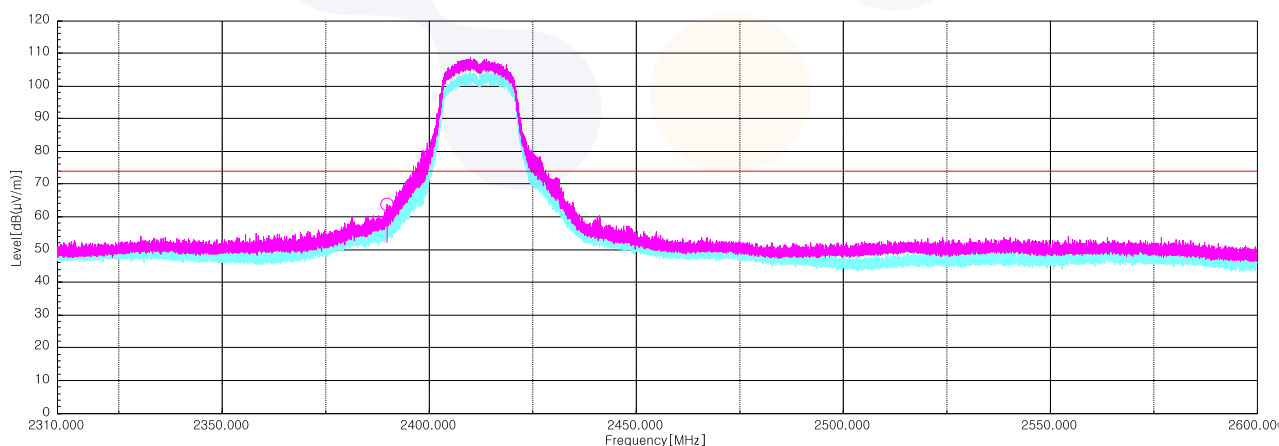
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 389.93 ¹⁾	H	65.50	27.20	-29.02	-	63.68	74.00	10.32
4 827.23 ¹⁾	H	55.20	32.25	-44.74	-	42.71	74.00	31.29
7 223.12	H	55.60	37.05	-42.63	-	50.02	74.00	23.98
Average Data								
2 389.93 ¹⁾	H	52.41	27.20	-29.02	-	50.59	54.00	3.41

Average data

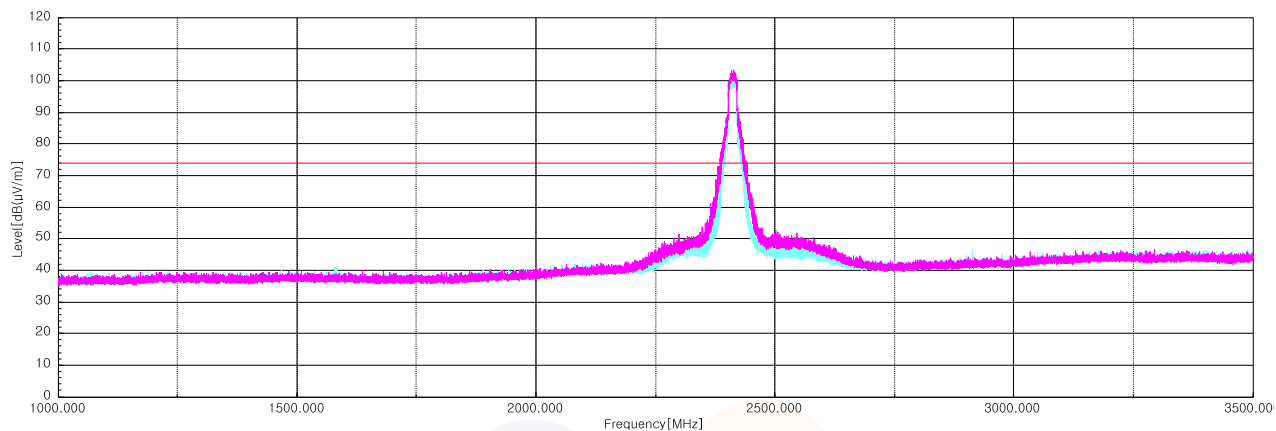


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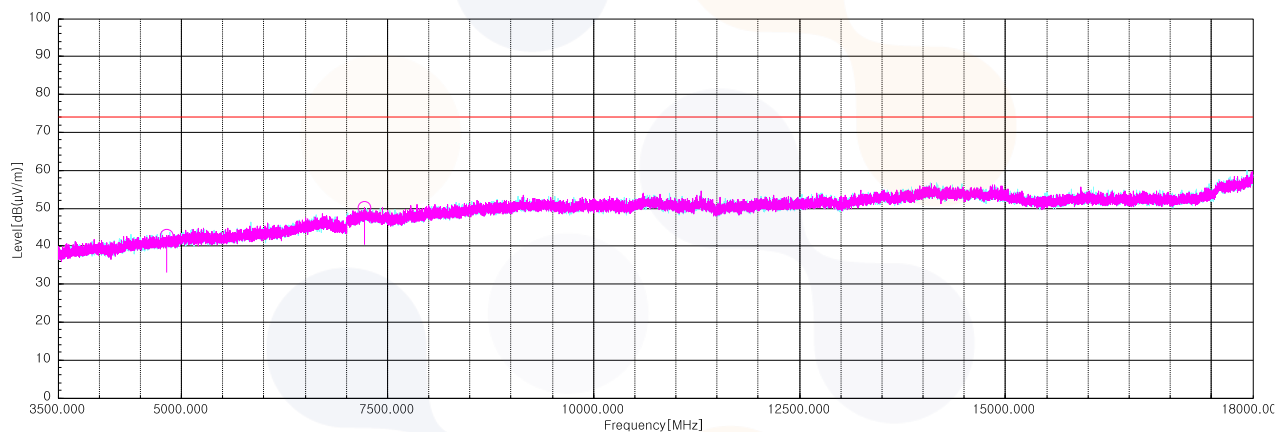
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



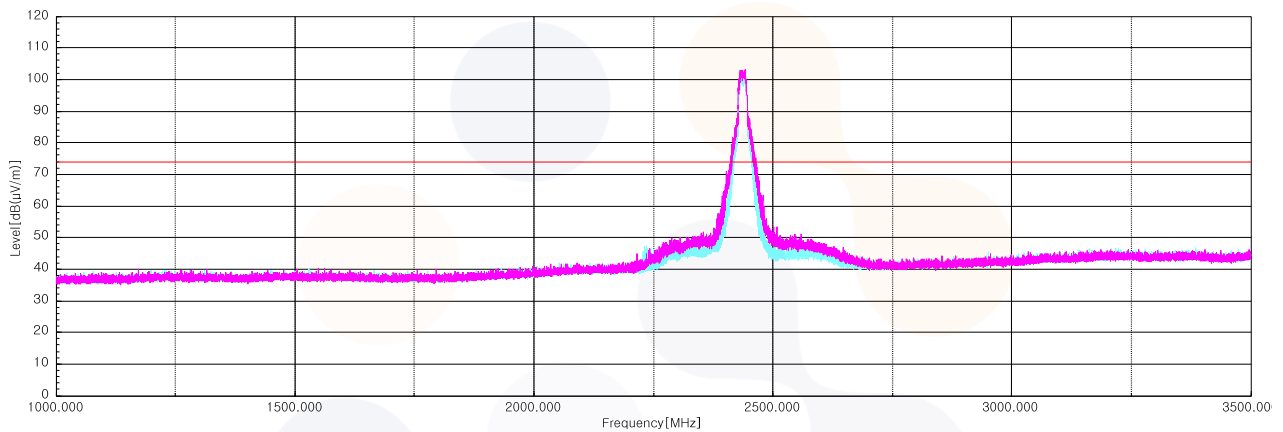
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



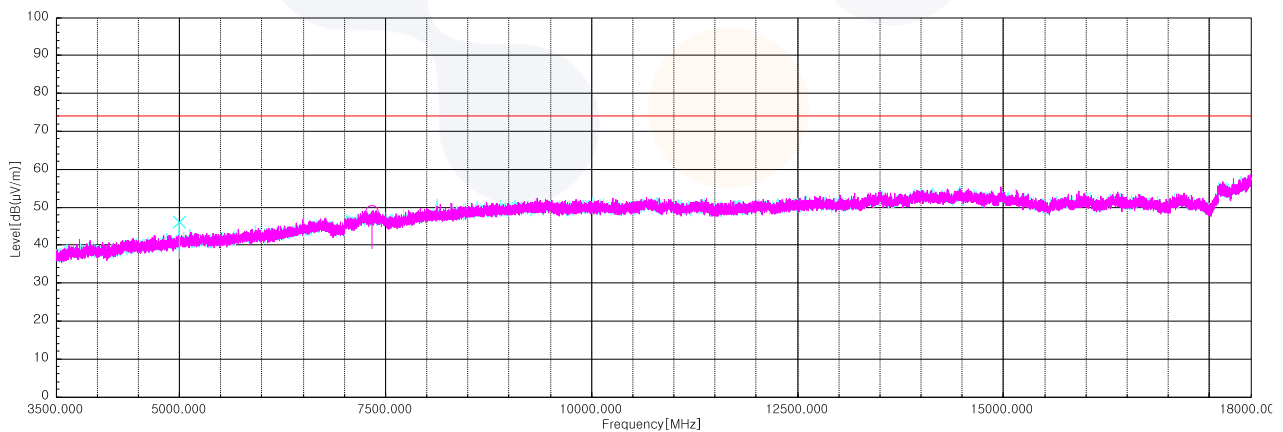
802.11n HT20_2 437 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
4 996.40 ¹⁾	V	56.90	33.09	-44.00		45.99	74.00	28.01
7 330.90 ¹⁾	H	54.30	36.88	-42.53		48.65	74.00	25.35
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for 1 GHz ~ 3.5 GHz



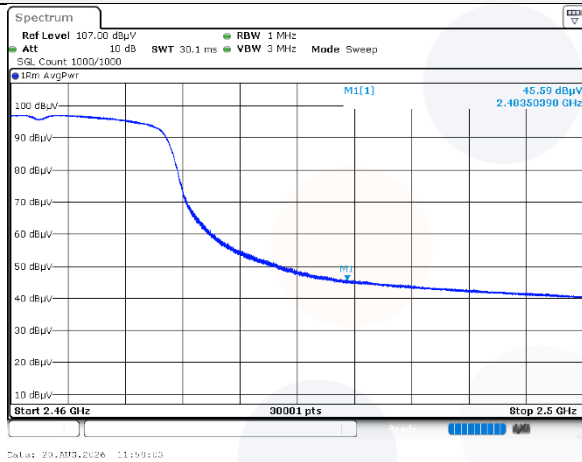
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



802.11n HT20_2 462 MHz

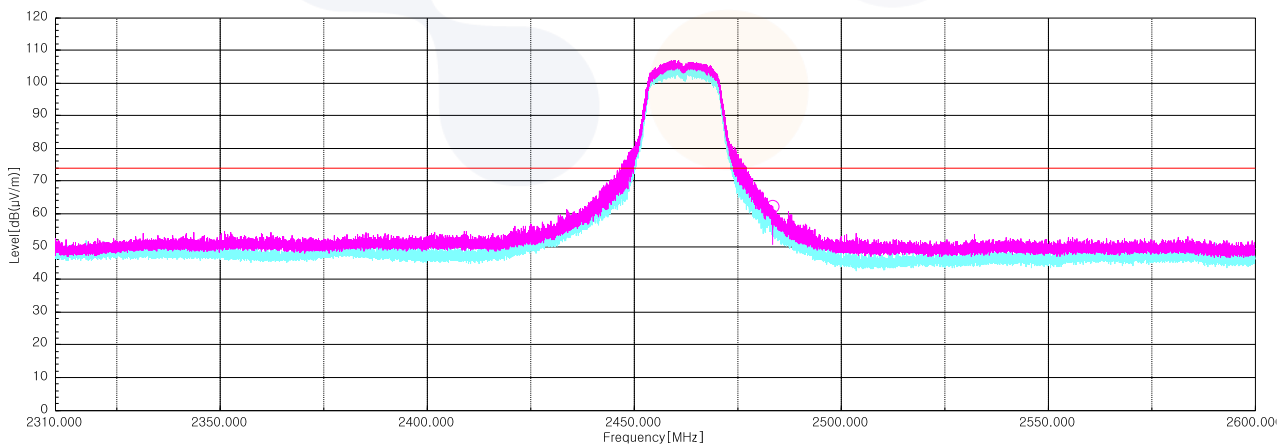
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 483.50 ¹⁾	H	63.30	27.74	-28.84	-	62.20	74.00	11.80
4 935.02 ¹⁾	H	55.80	32.91	-44.27	-	44.44	74.00	29.56
7 376.82 ¹⁾	V	54.80	36.85	-42.46	-	49.19	74.00	24.81
Average Data								
2 483.50 ¹⁾	H	45.59	27.74	-28.84	-	44.49	54.00	9.51

Average data

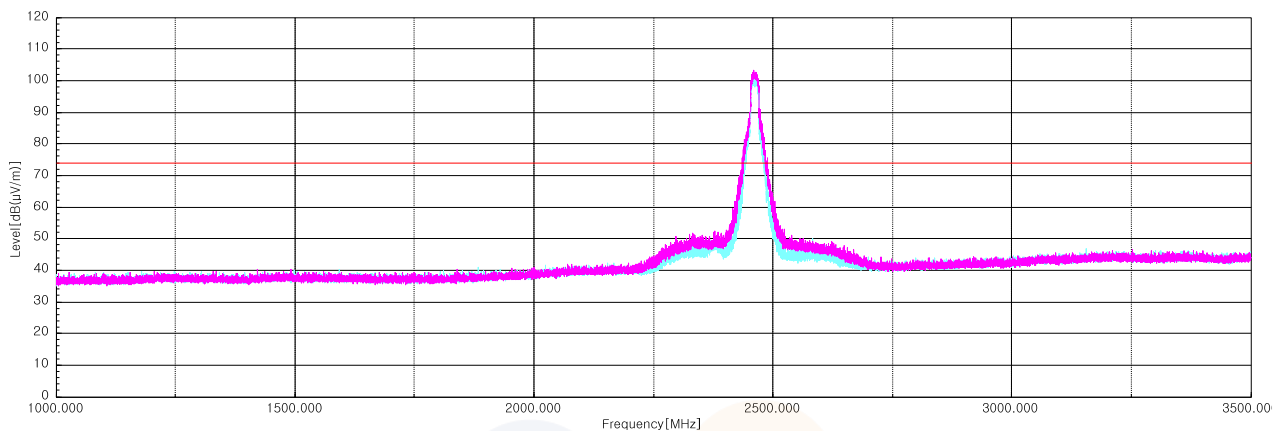


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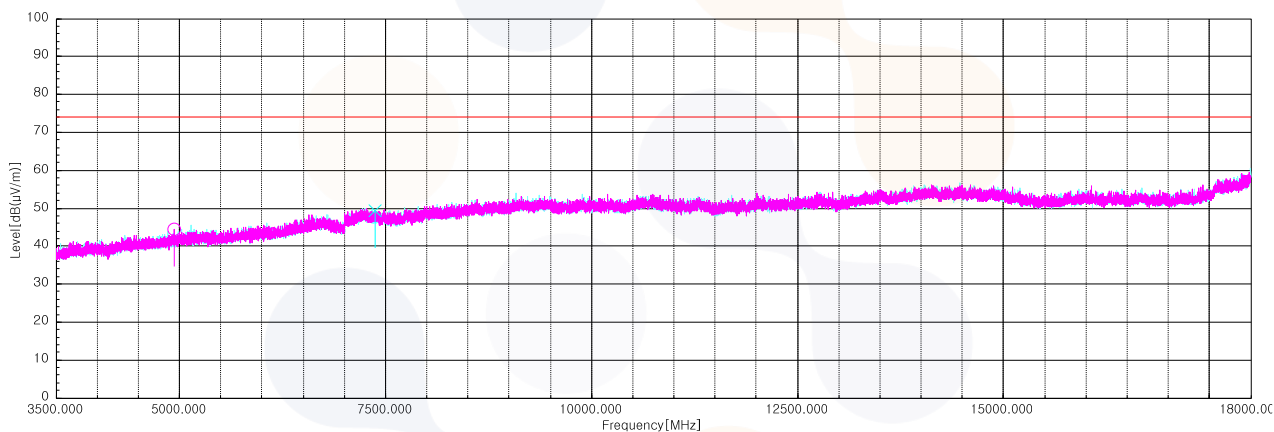
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



Horizontal/Vertical for 3.5 GHz ~ 18 GHz



802.11n HT20_2 467 MHz

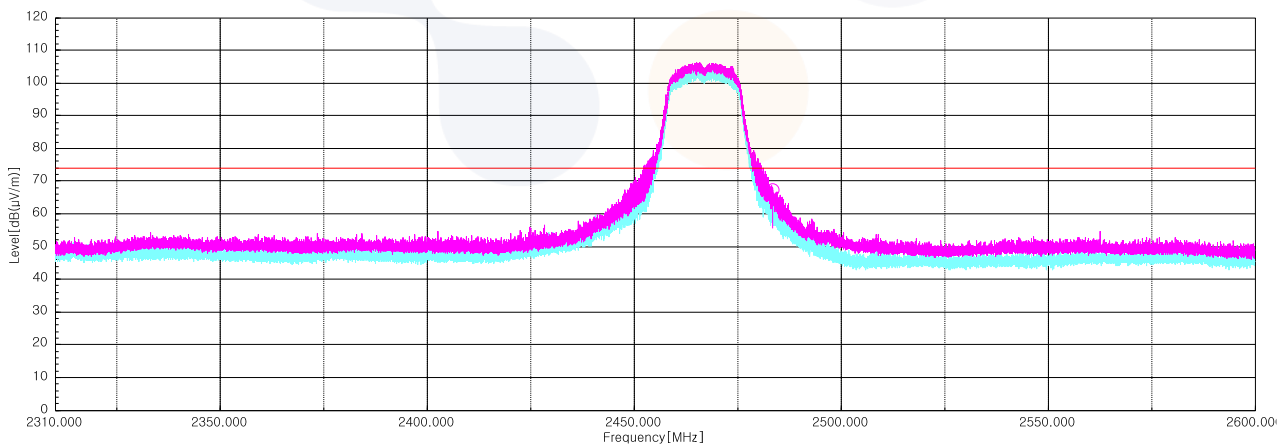
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 483.51 ¹⁾	H	68.40	27.74	-28.84	-	67.30	74.00	6.70
4 931.63 ¹⁾	H	55.50	32.89	-44.28	-	44.11	74.00	29.89
7 391.80 ¹⁾	H	55.50	36.82	-42.43	-	49.89	74.00	24.11
Average Data								
2 483.51 ¹⁾	H	52.98	27.74	-28.84	-	51.88	54.00	2.12

Average data

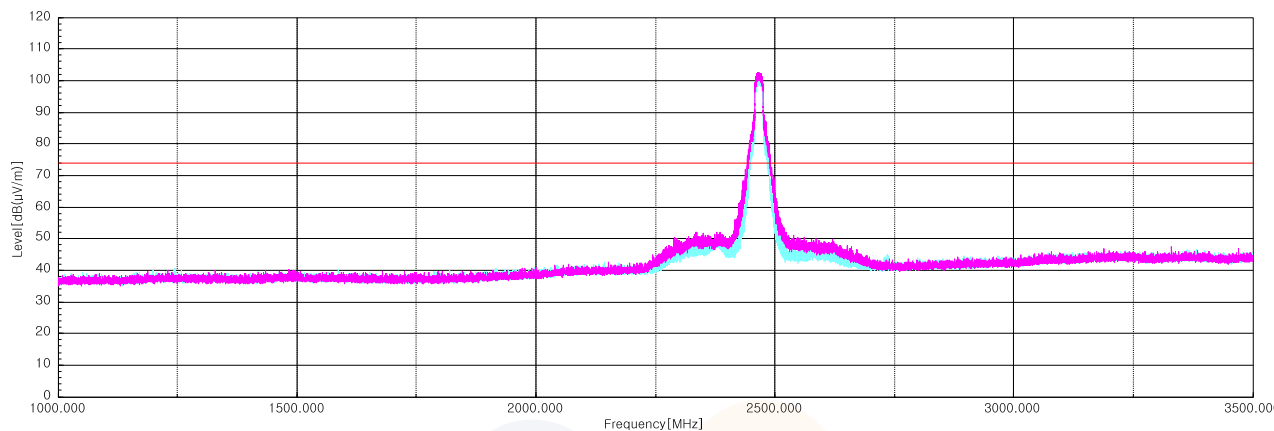


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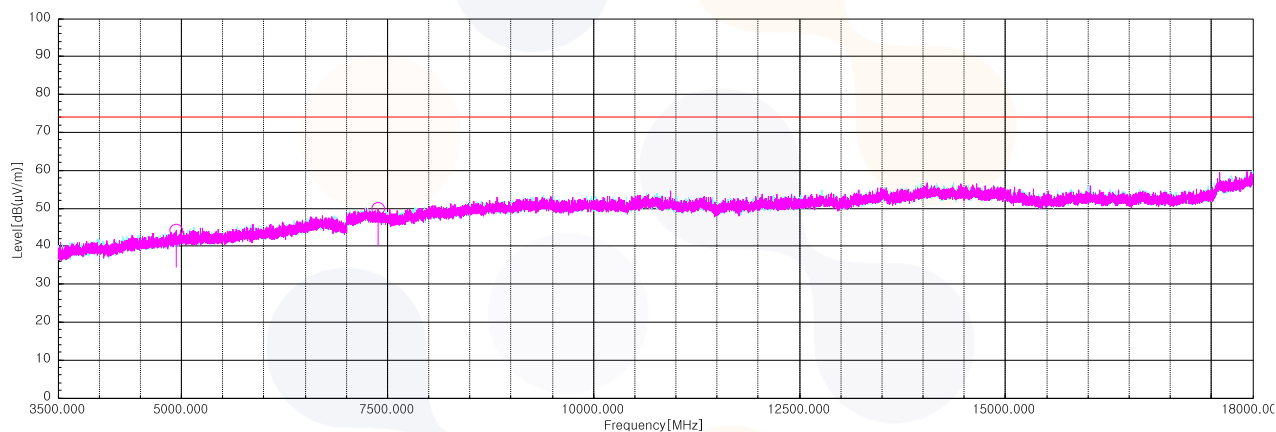
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



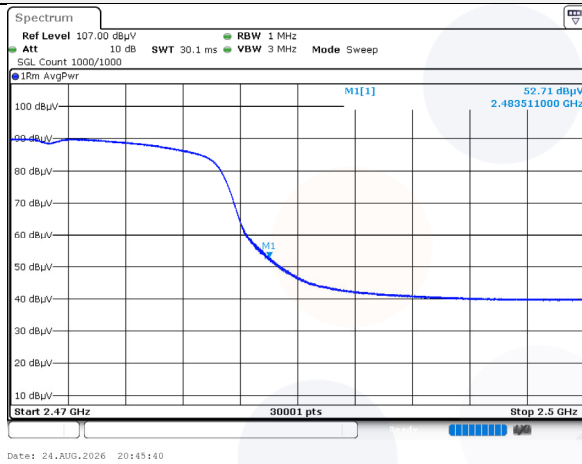
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



802.11n HT20_2 472 MHz

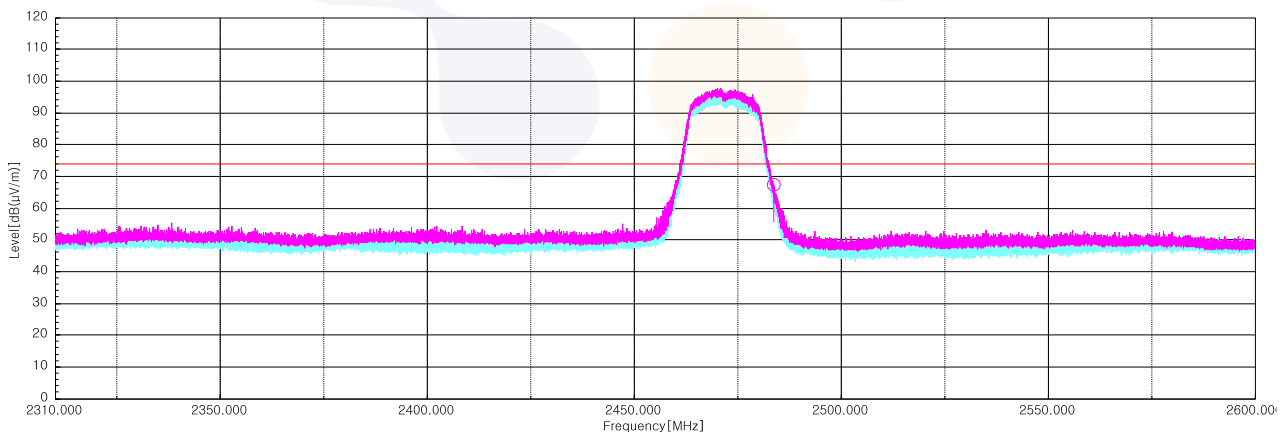
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 483.51 ¹⁾	H	68.40	27.74	-28.84	-	67.30	74.00	6.70
4 931.63 ¹⁾	V	54.60	32.89	-44.28	-	43.21	74.00	30.79
7 420.32 ¹⁾	V	55.80	36.76	-42.39	-	50.17	74.00	23.83
Average Data								
2 483.51 ¹⁾	H	52.71	27.74	-28.84	-	51.61	54.00	2.39

Average data

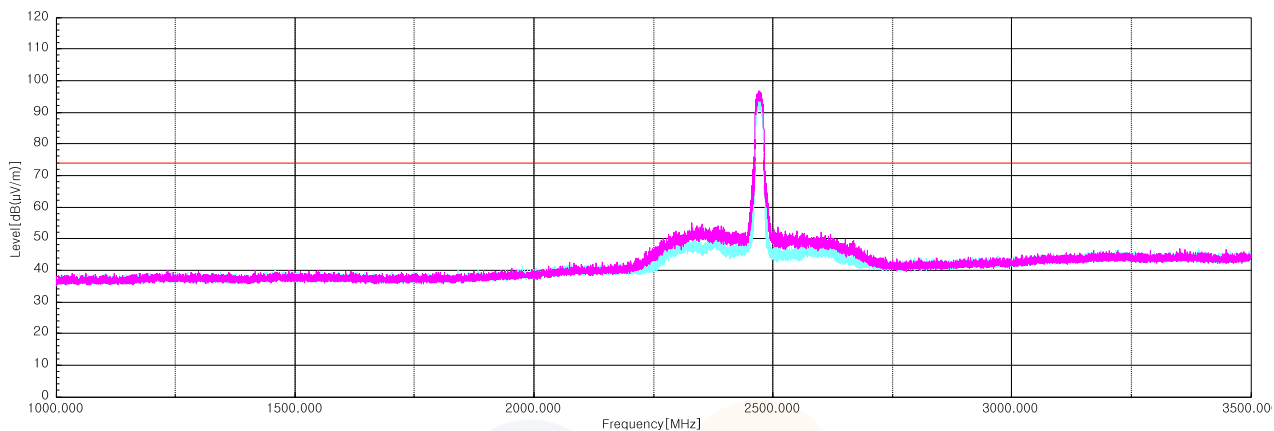


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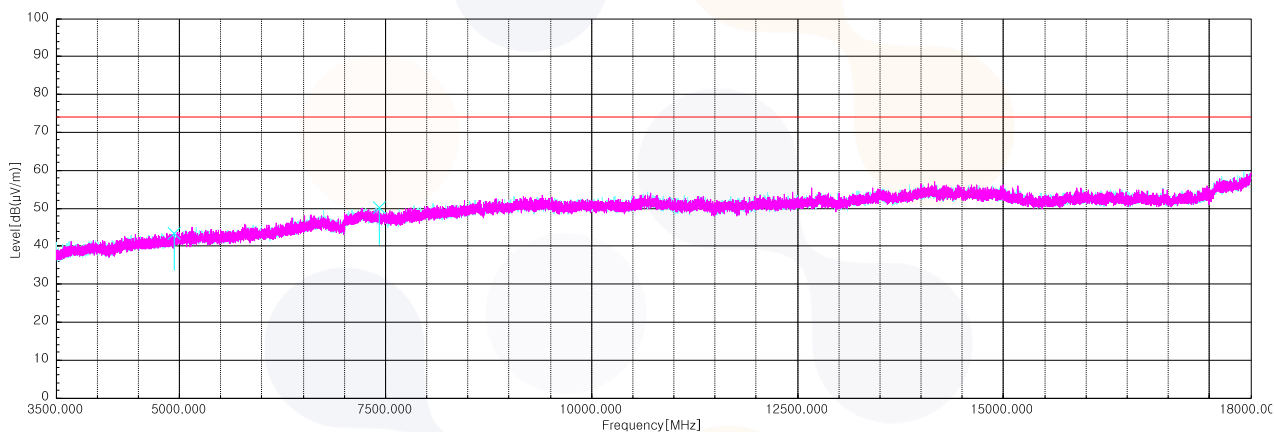
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



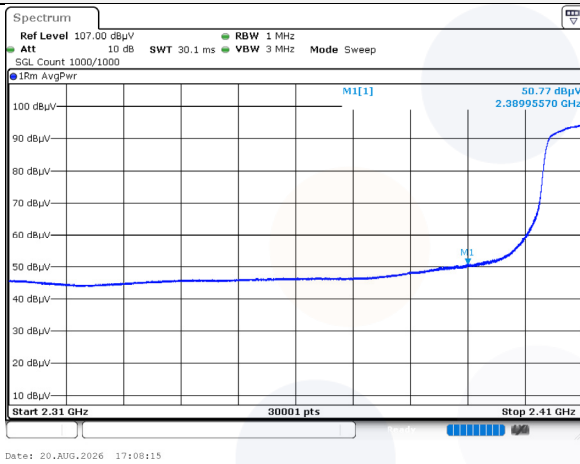
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



802.11n HT40_2 422 MHz

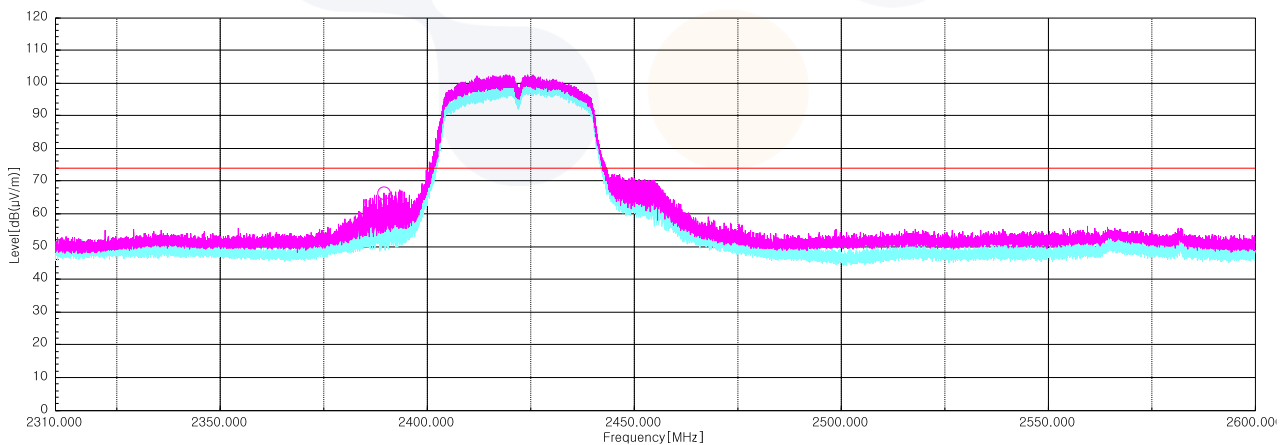
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 389.46 ¹⁾	H	68.20	27.19	-29.02	-	66.37	74.00	7.63
4 841.73 ¹⁾	V	55.50	32.28	-44.68	-	43.10	74.00	30.90
7 287.40 ¹⁾	V	55.90	37.35	-42.59	-	50.66	74.00	23.34
Average Data								
2 389.96 ¹⁾	H	50.77	27.20	-29.02	-	48.95	54.00	5.05

Average data

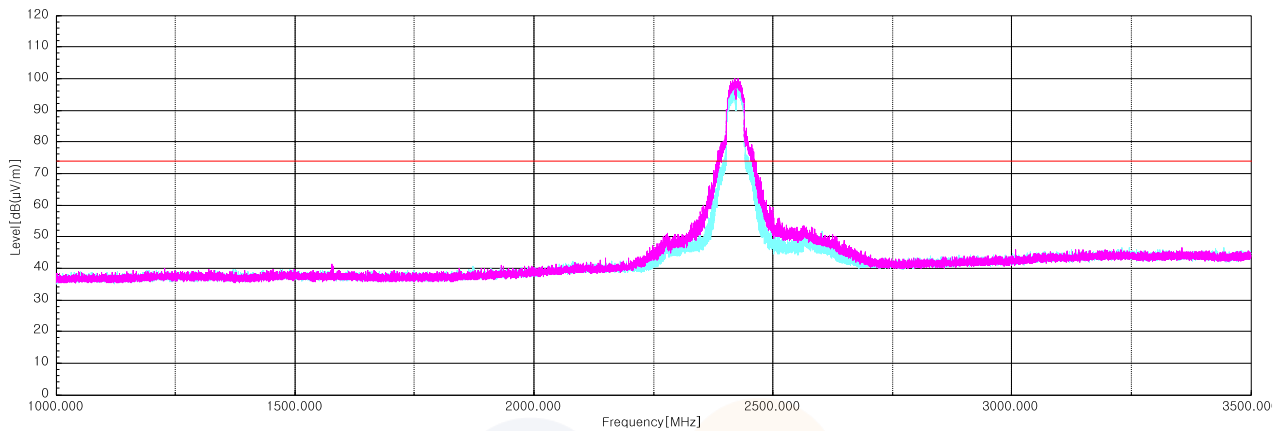


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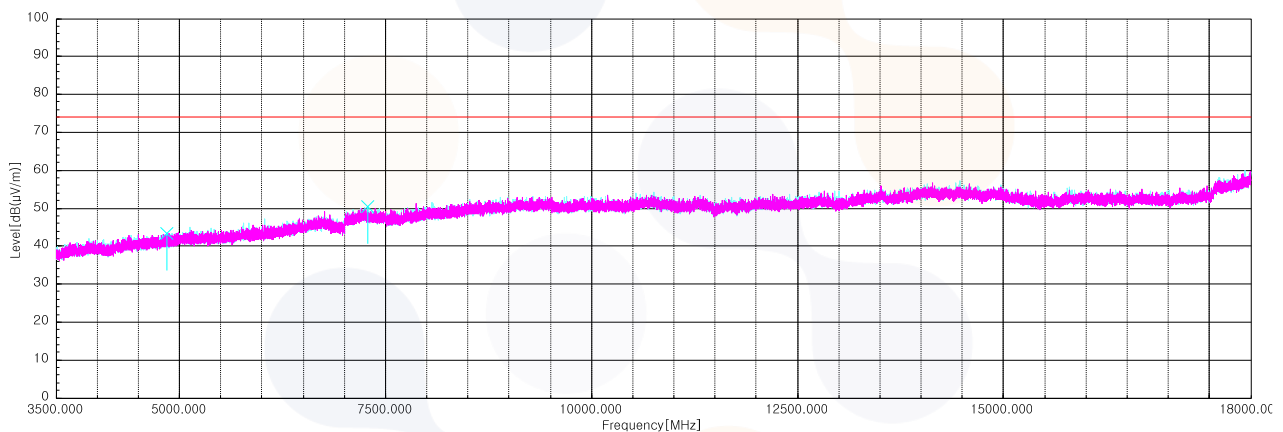
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



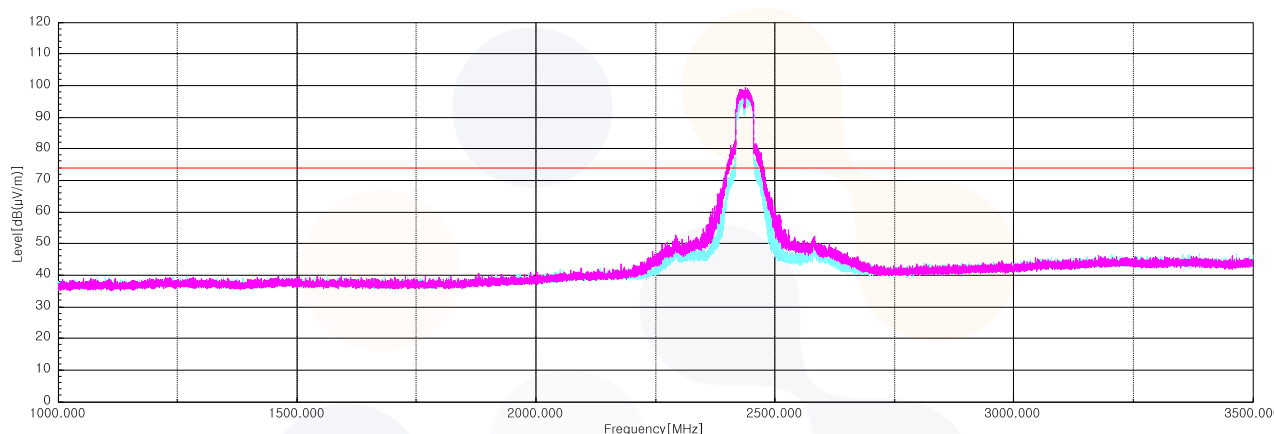
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



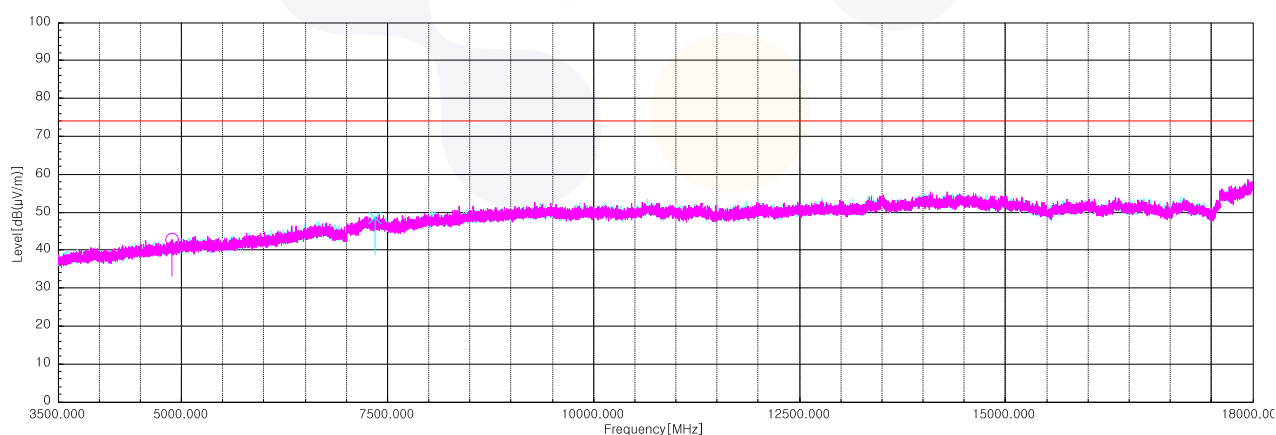
802.11n HT40_2 437 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
4 891.03 ¹⁾	H	54.60	32.56	-44.46	-	42.70	74.00	31.30
7 346.85 ¹⁾	V	54.20	36.81	-42.50	-	48.51	74.00	25.49
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for 1 GHz ~ 3.5 GHz



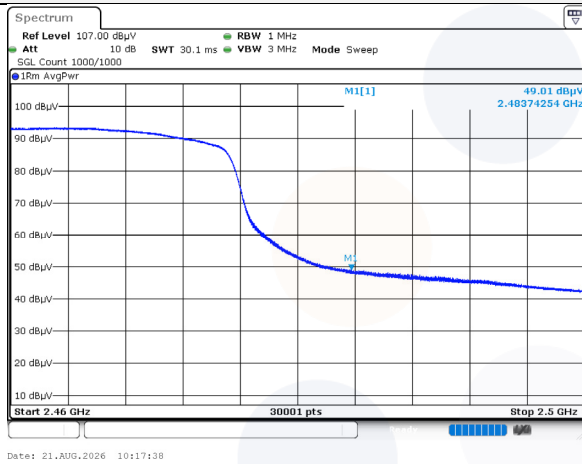
Horizontal/Vertical for 3.5 GHz ~ 18 GHz



802.11n HT40_2 452 MHz

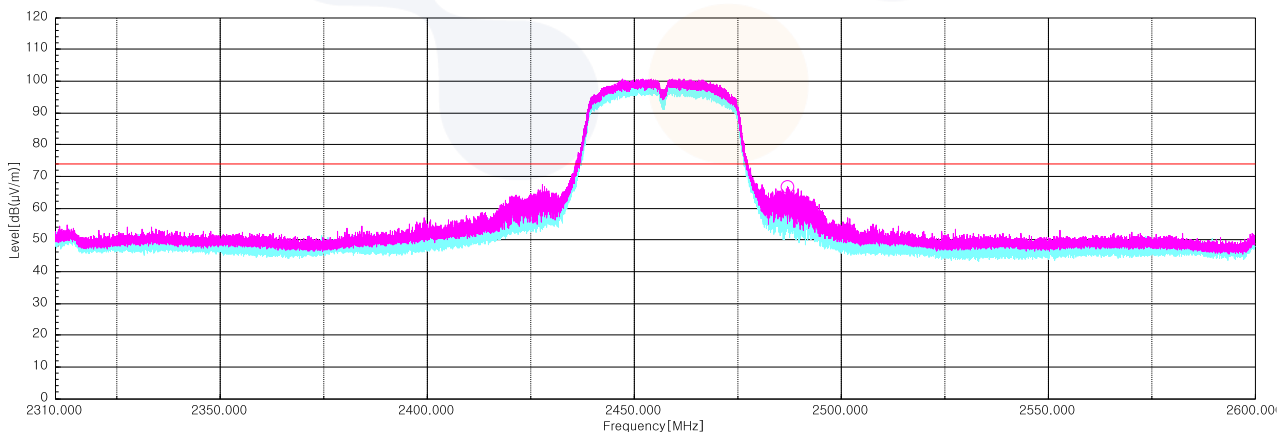
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
2 483.74 ¹⁾	H	67.70	27.74	-28.84	-	66.60	74.00	7.40
4 889.10 ¹⁾	V	55.20	32.56	-44.47	-	43.29	74.00	30.71
7 387.93 ¹⁾	V	54.90	36.82	-42.44	-	49.28	74.00	24.72
Average Data								
2 483.74 ¹⁾	H	49.01	27.74	-28.84	-	47.91	54.00	6.09

Average data

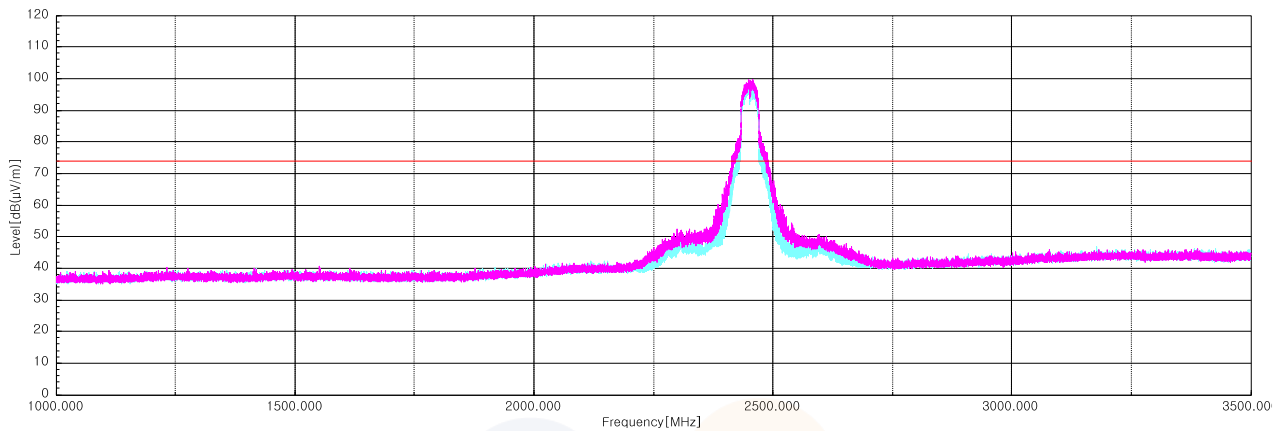


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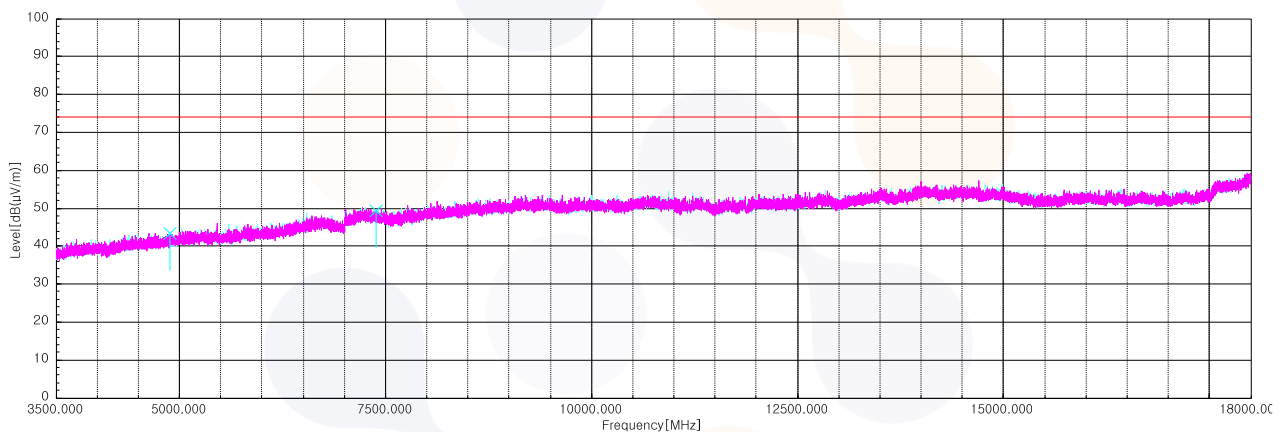
Horizontal/Vertical for Band-edge



Horizontal/Vertical for 1 GHz ~ 3.5 GHz

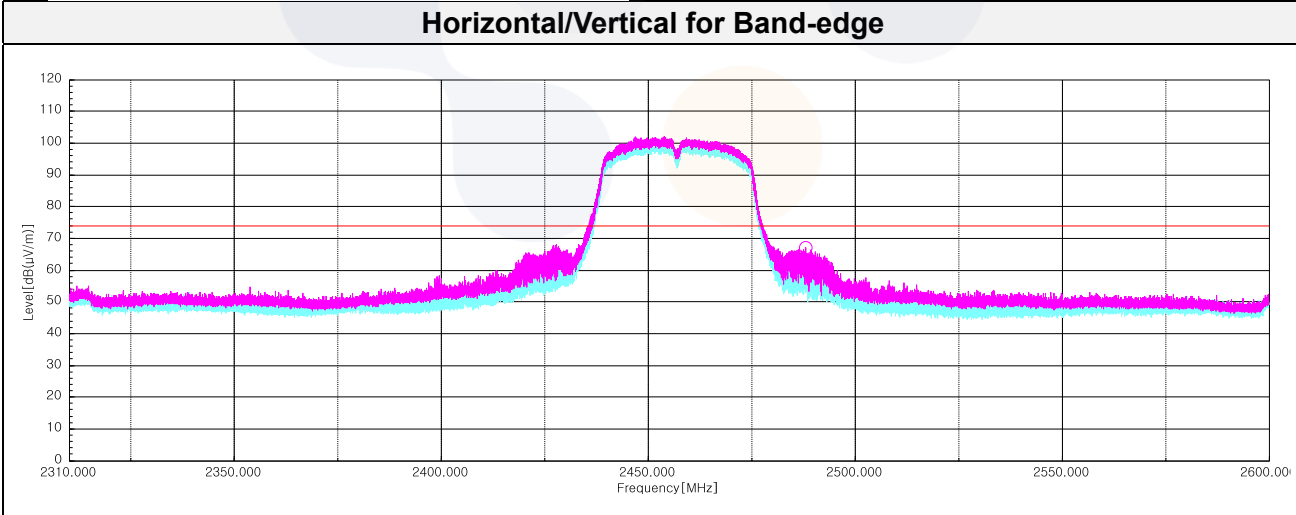
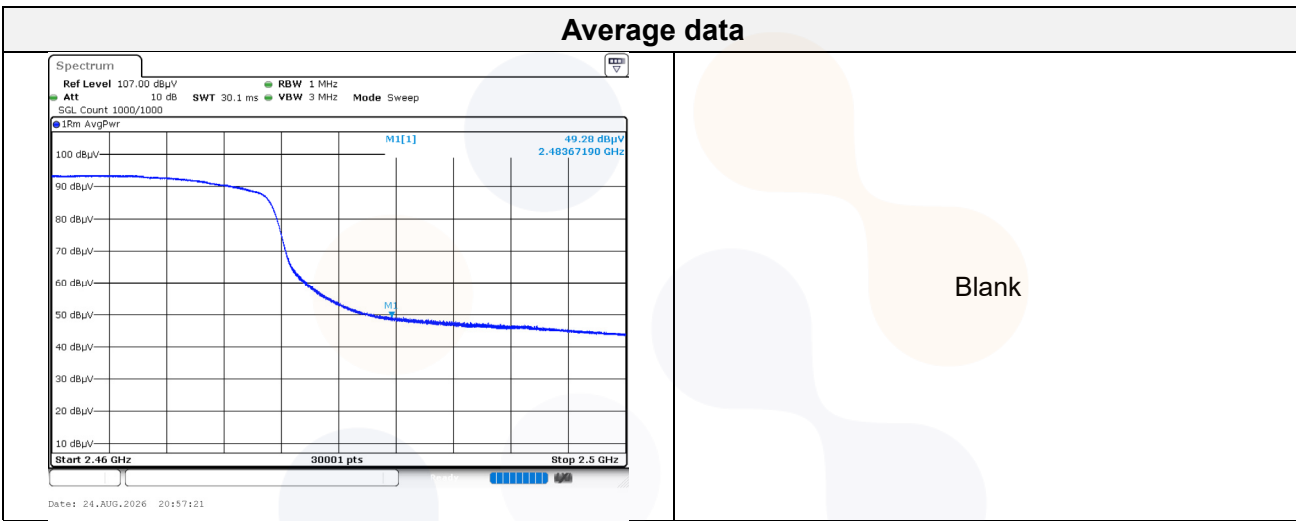


Horizontal/Vertical for 3.5 GHz ~ 18 GHz

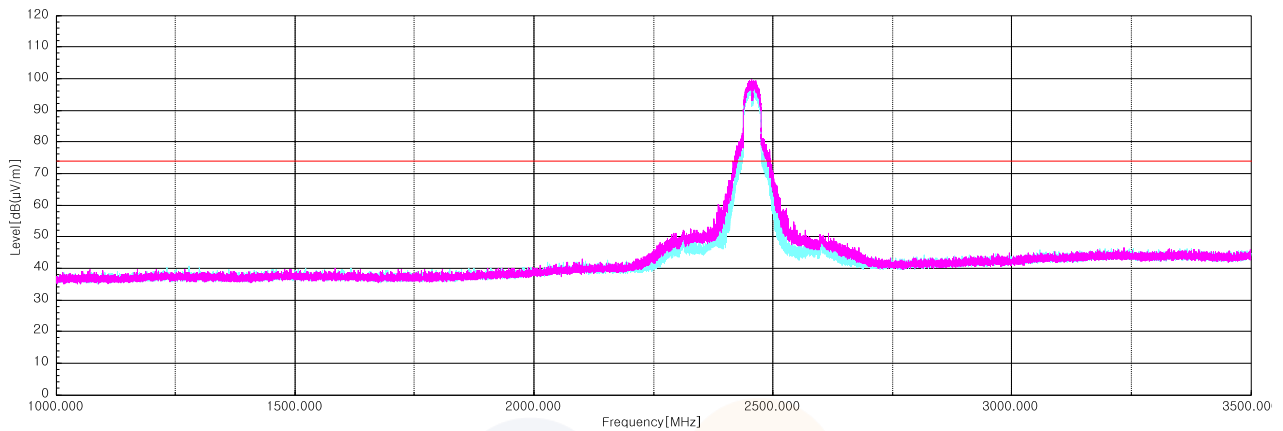


802.11n HT40_2 457 MHz

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 483.67 ¹⁾	H	68.10	27.74	-28.84	-	67.00	74.00	7.00
4 930.18 ¹⁾	H	54.80	32.88	-44.29	-	43.39	74.00	30.61
7 386.00 ¹⁾	V	55.60	36.83	-42.44	-	49.99	74.00	24.01
Average Data								
2 483.67 ¹⁾	H	49.28	27.74	-28.84	-	48.18	54.00	5.82



Horizontal/Vertical for 1 GHz ~ 3.5 GHz



Horizontal/Vertical for 3.5 GHz ~ 18 GHz

