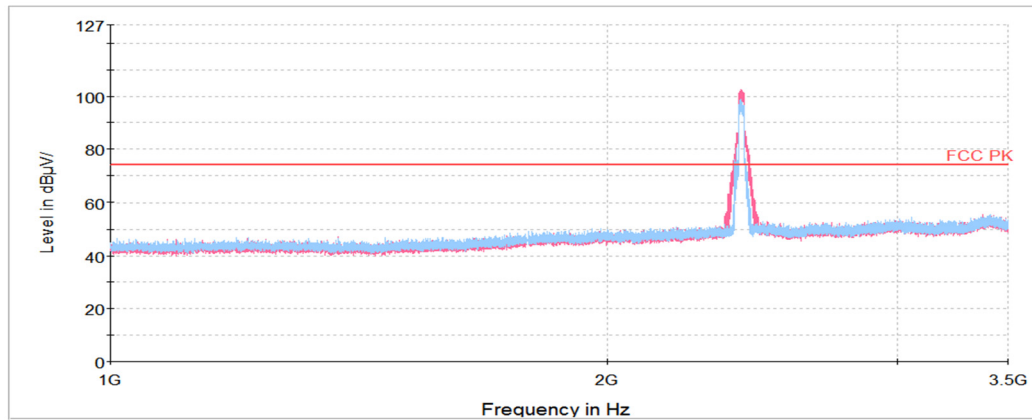
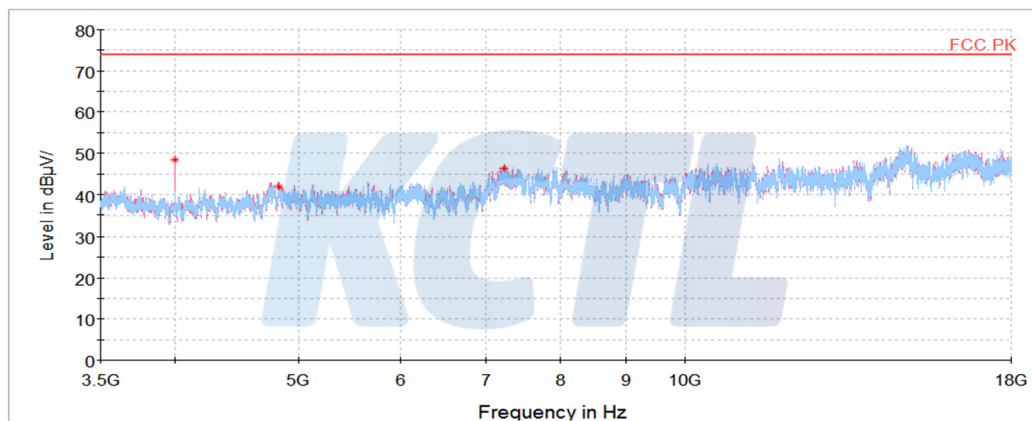
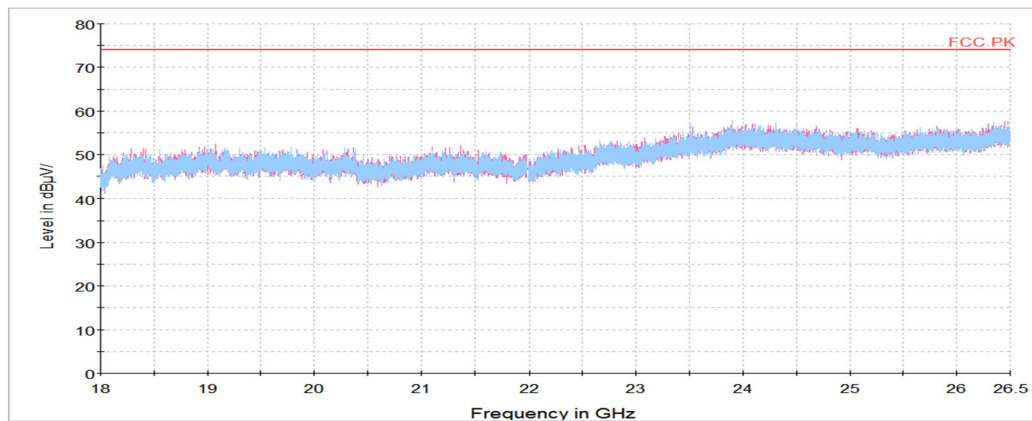
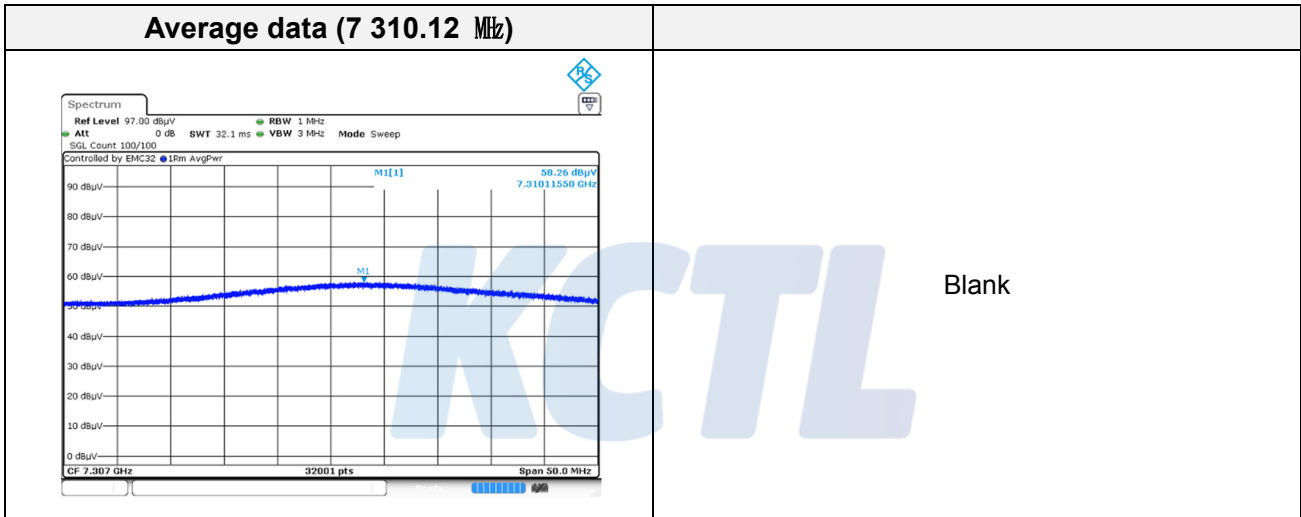
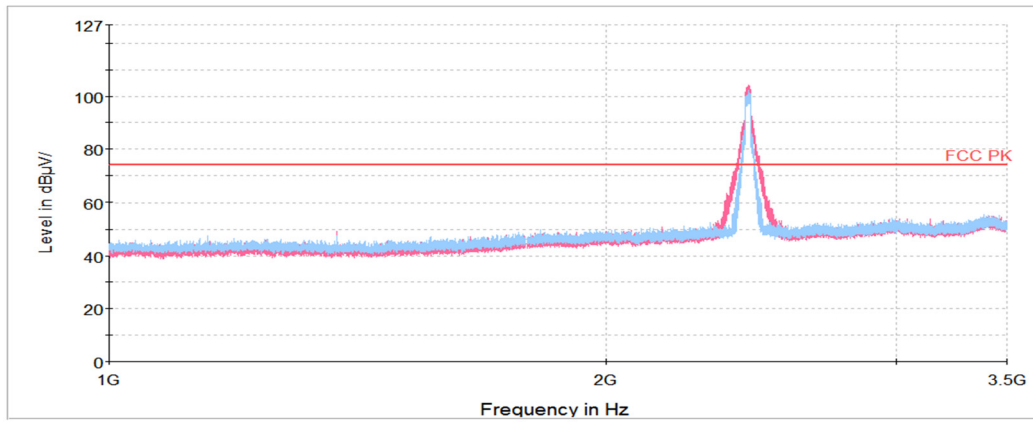
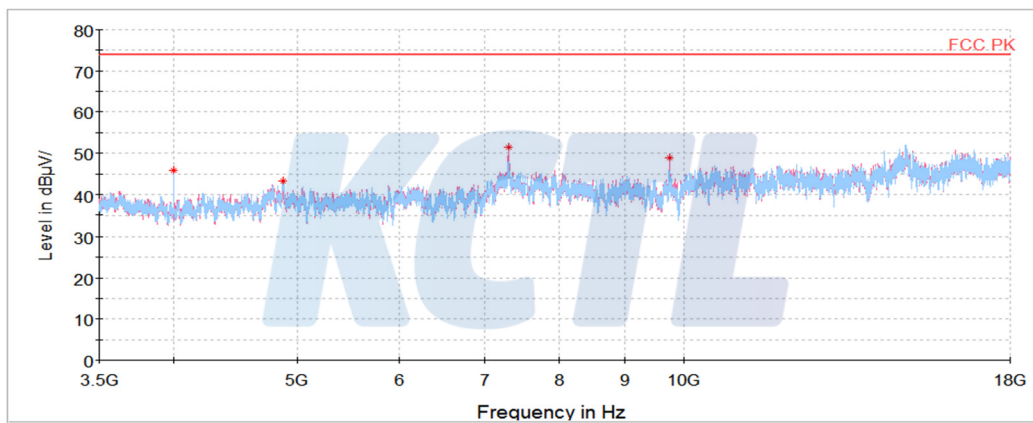
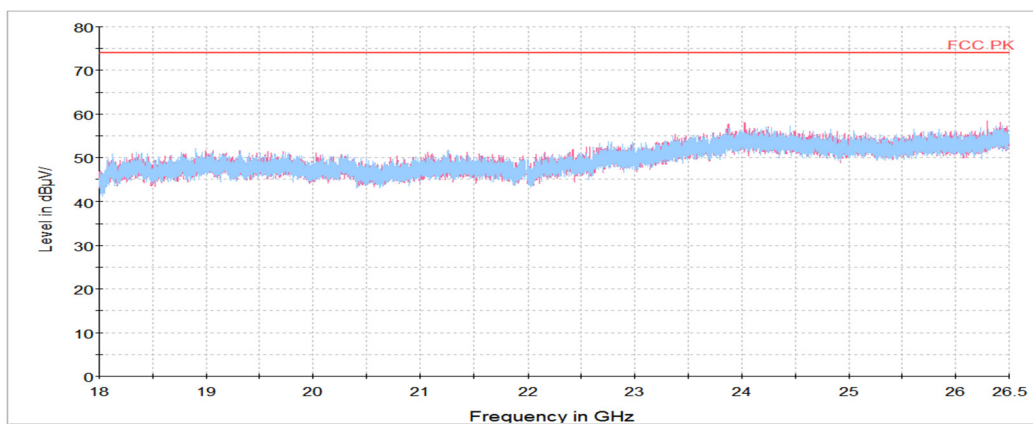


Horizontal/Vertical for 1 GHz ~ 3.5 GHz**Horizontal/Vertical for 3.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 26.5 GHz**

Middle Channel (2 437 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
4 000.25 ¹⁾	H	69.50	33.00	-56.65	-	45.85	74.00	28.15
4 875.69 ¹⁾	H	63.69	33.95	-54.25	-	43.39	74.00	30.61
7 310.12 ¹⁾	V	67.47	35.40	-51.51	-	51.36	74.00	22.64
9 749.95	V	64.66	36.70	-52.53	-	48.83	74.00	25.17
Average Data								
7 310.12 ¹⁾	H	58.60	35.40	-51.51	0.20	42.69	54.00	11.31



Horizontal/Vertical for 1 GHz ~ 3.5 GHz**Horizontal/Vertical for 3.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 26.5 GHz**

KCTL Inc.

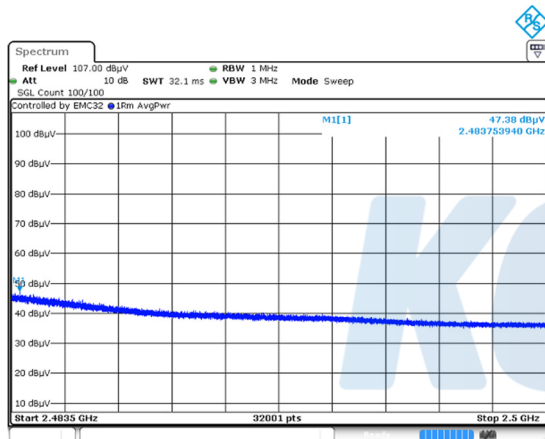
65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
TEL: 82-31-285-0894 FAX: 82-505-299-8311
www.kctl.co.kr

Report No.:
KR20-SRF0029-B

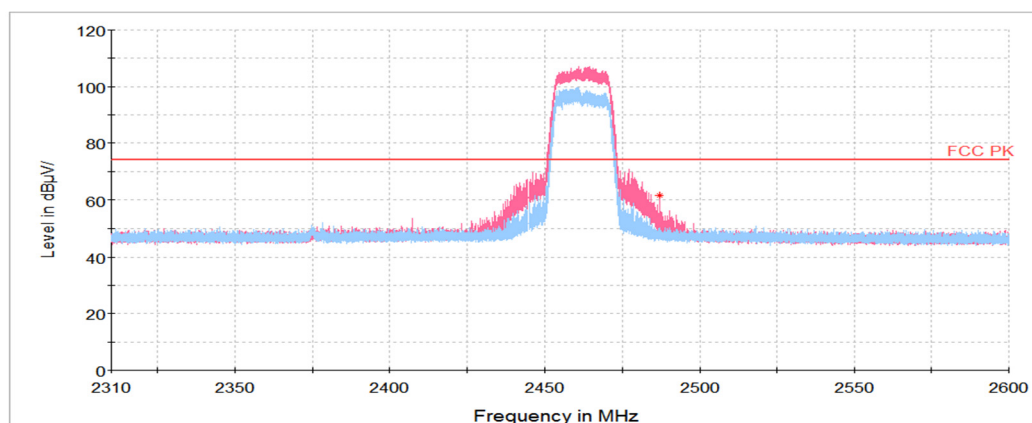
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KCTL**Highest Channel (2 462 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
2483.75	V	58.78	32.07	-29.21	-	61.64	74.00	12.36
3999.80	V	71.65	33.00	-56.65	-	48.00	74.00	26.00
4924.63	H	59.92	33.97	-54.87	-	39.02	74.00	34.98
7388.72	V	60.87	35.40	-51.12	-	45.15	74.00	28.85
Average Data								
2483.75	V	47.38	32.07	-29.21	0.20	50.44	54.00	3.56

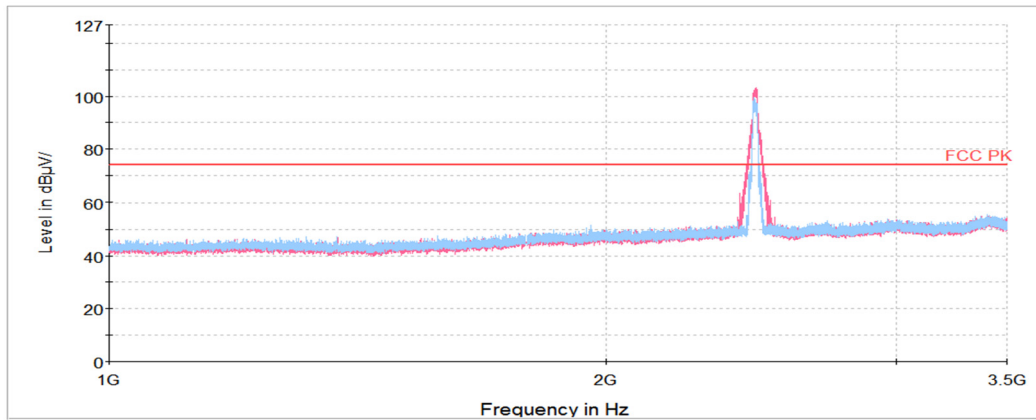
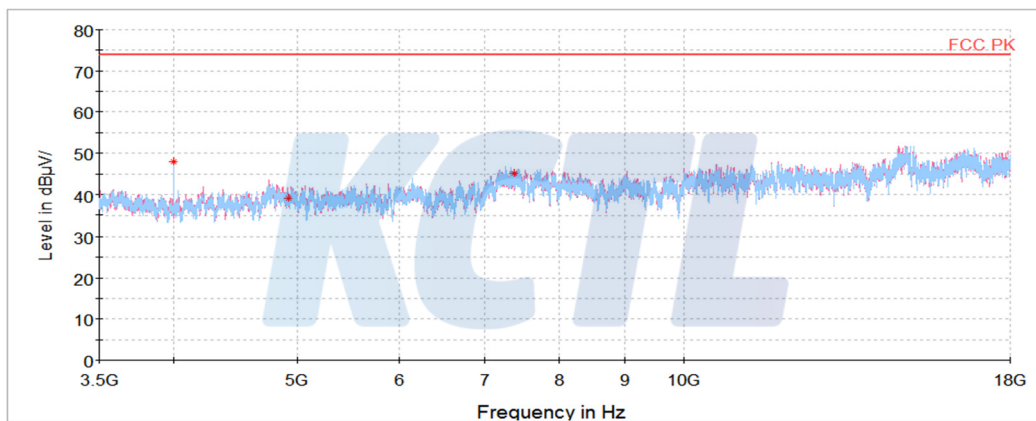
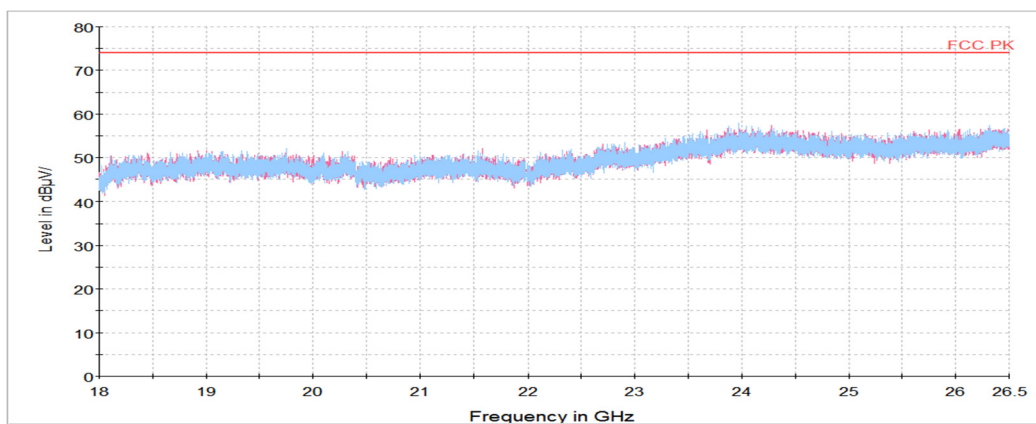
Average data (2 483.75 MHz)

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Horizontal/Vertical for Band-edge

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KCTL-TIR001-003/2

Horizontal/Vertical for 1 GHz ~ 3.5 GHz**Horizontal/Vertical for 3.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 26.5 GHz**

KCTL Inc.

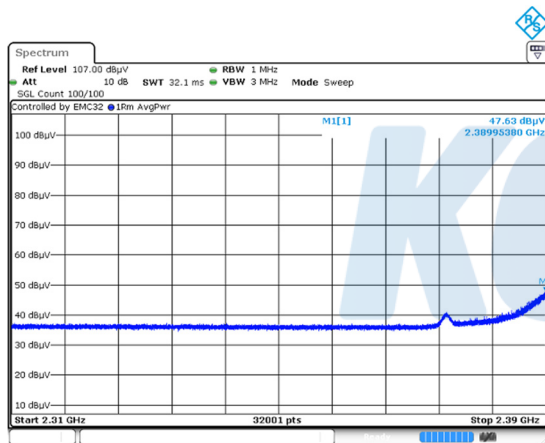
65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
TEL: 82-31-285-0894 FAX: 82-505-299-8311
www.kctl.co.kr

Report No.:
KR20-SRF0029-B

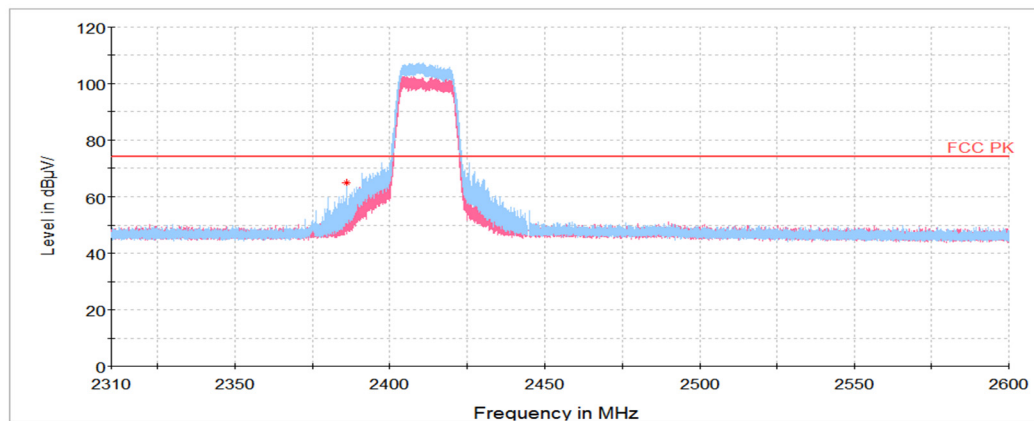
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KCTL**802.11n HT20 ANT 2****Lowest Channel (2 412 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 389.95 ¹⁾	H	61.85	31.88	-29.04	-	64.69	74.00	9.31
3 999.80 ¹⁾	V	68.16	33.00	-56.65	-	44.51	74.00	29.49
4 824.94 ¹⁾	V	60.42	33.93	-52.85	-	41.50	74.00	32.50
7 236.47	H	61.17	35.40	-51.87	-	44.70	74.00	29.30
Average Data								
2 389.95 ¹⁾	H	47.63	31.88	-29.04	0.20	50.67	54.00	3.33

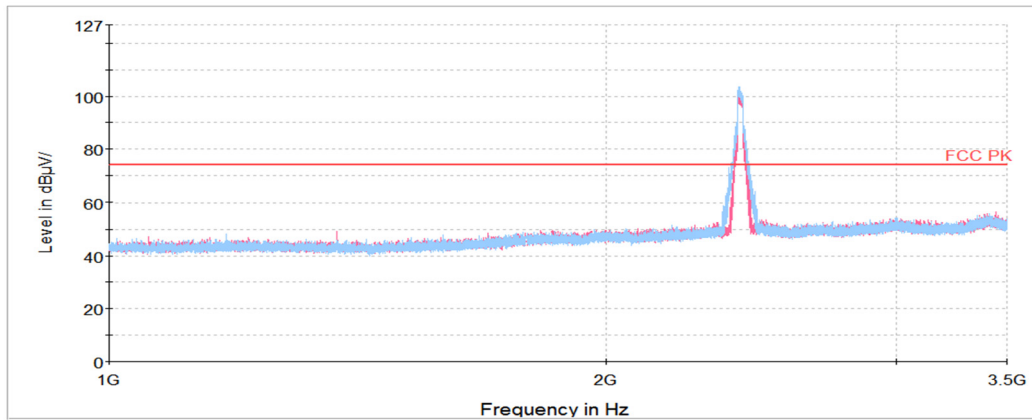
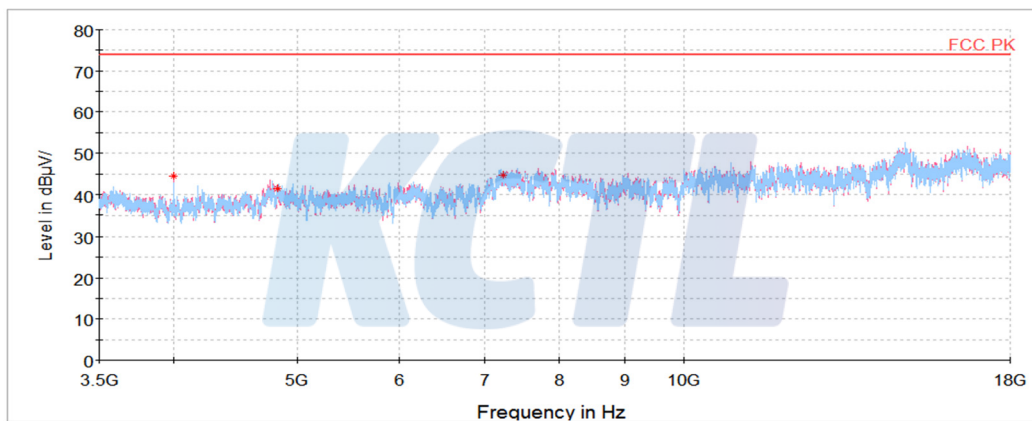
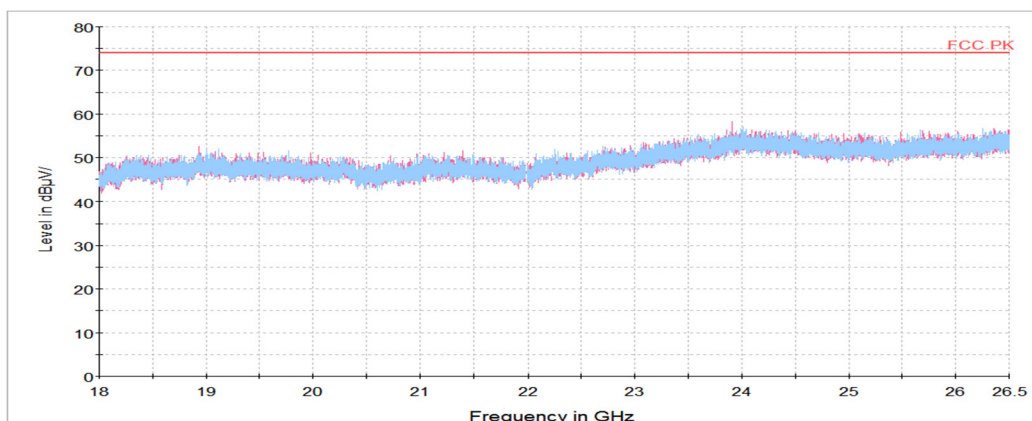
Average data (2 389.95 MHz)

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Horizontal/Vertical for Band-edge

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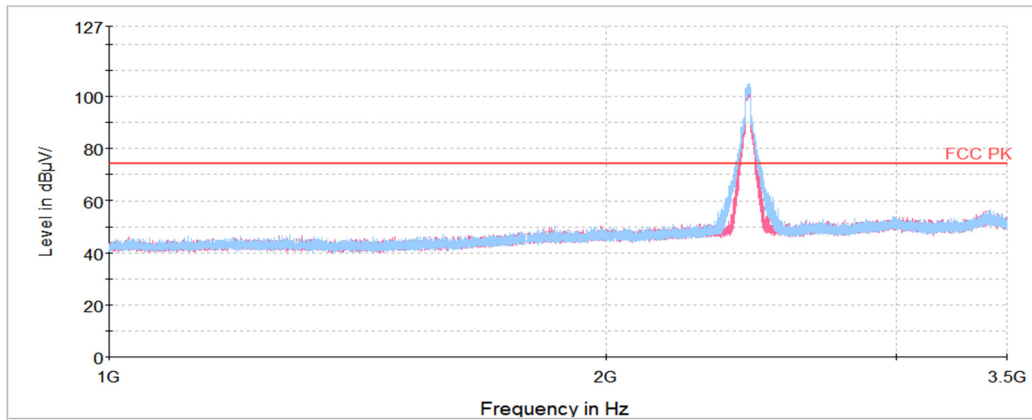
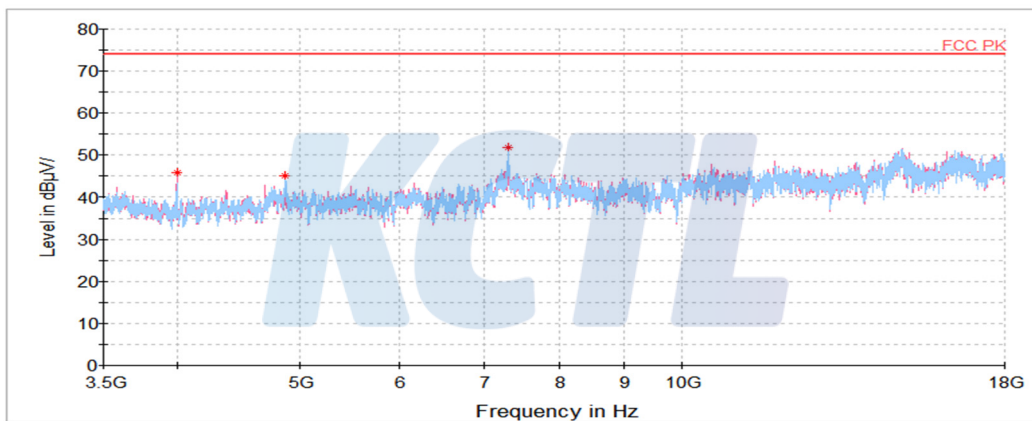
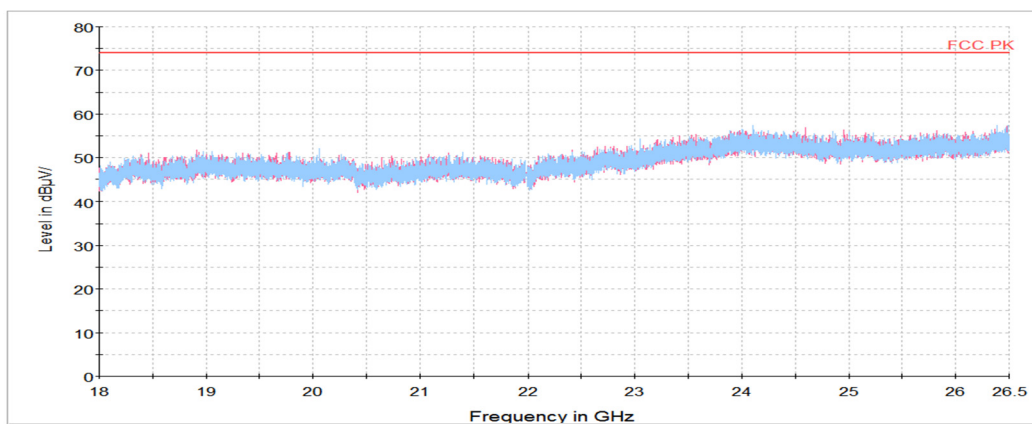
KCTL-TIR001-003/2

Horizontal/Vertical for 1 GHz ~ 3.5 GHz**Horizontal/Vertical for 3.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 26.5 GHz**

Middle Channel (2 437 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data								
4 000.25 ¹⁾	V	69.44	33.00	-56.65	-	45.79	74.00	28.21
4 871.61 ¹⁾	H	65.17	33.95	-54.14	-	44.98	74.00	29.02
7 311.26 ¹⁾	V	67.75	35.40	-51.50	-	51.65	74.00	22.35
Average Data								
7 311.26 ¹⁾	V	56.70	35.40	-51.50	0.20	40.80	54.00	13.20



Horizontal/Vertical for 1 GHz ~ 3.5 GHz**Horizontal/Vertical for 3.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 26.5 GHz**

KCTL Inc.

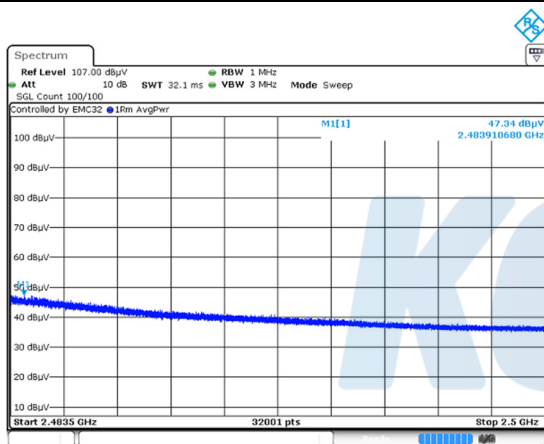
65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
TEL: 82-31-285-0894 FAX: 82-505-299-8311
www.kctl.co.kr

Report No.:
KR20-SRF0029-B

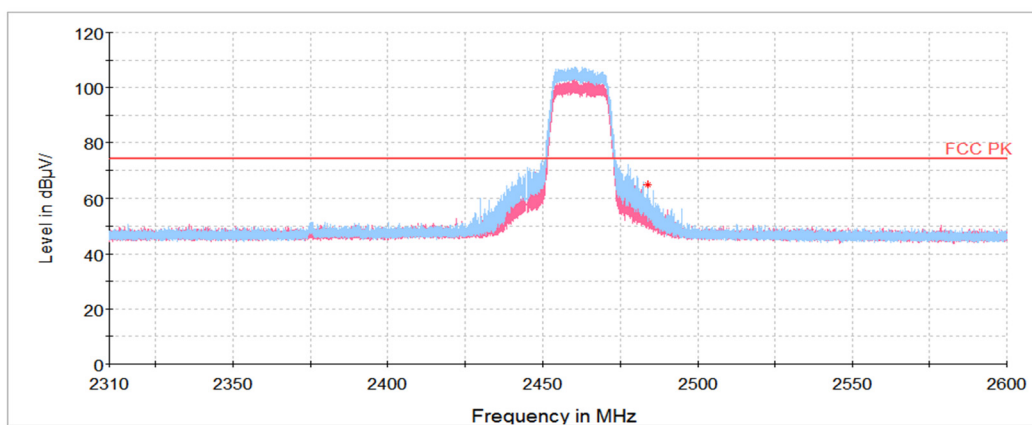
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KCTL**Highest Channel (2 462 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
2 483.91 ¹⁾	H	61.88	32.07	-29.21	-	64.74	74.00	9.26
4 000.25 ¹⁾	V	71.89	33.00	-56.65	-	48.24	74.00	25.76
4 924.17 ¹⁾	H	59.64	33.97	-54.88	-	38.73	74.00	35.27
7 385.55 ¹⁾	H	60.37	35.40	-51.13	-	44.64	74.00	29.36
Average Data								
2 483.91 ¹⁾	H	47.34	32.07	-29.21	0.20	50.40	54.00	3.60

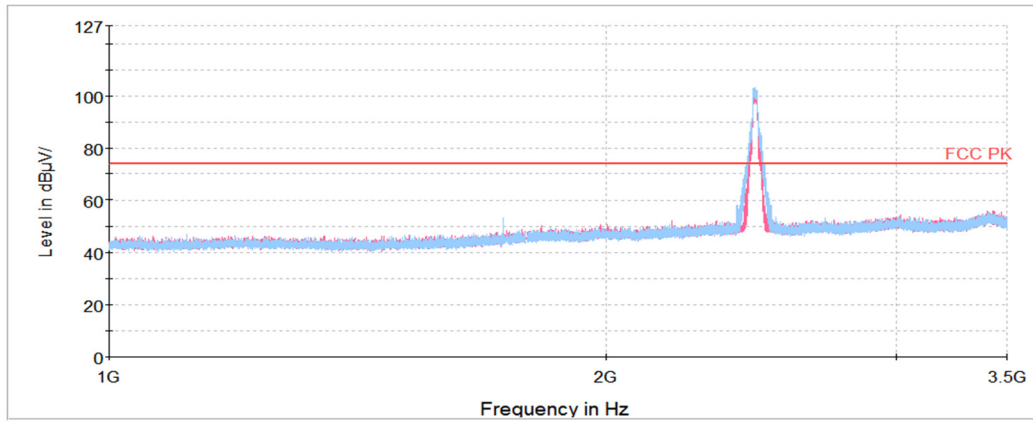
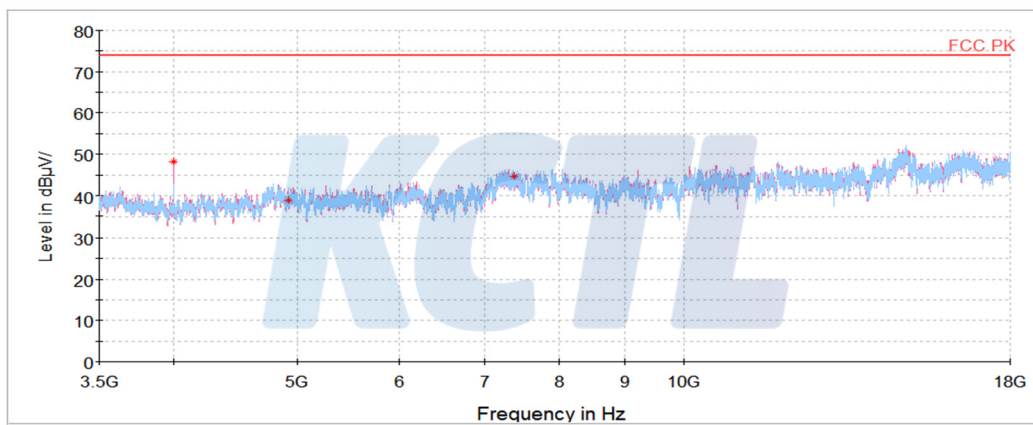
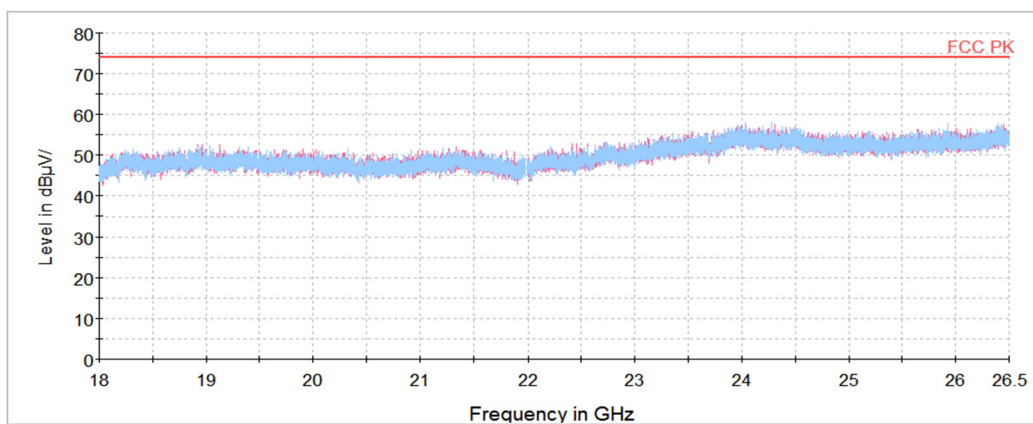
Average data (2 483.91 MHz)

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Horizontal/Vertical for Band-edge

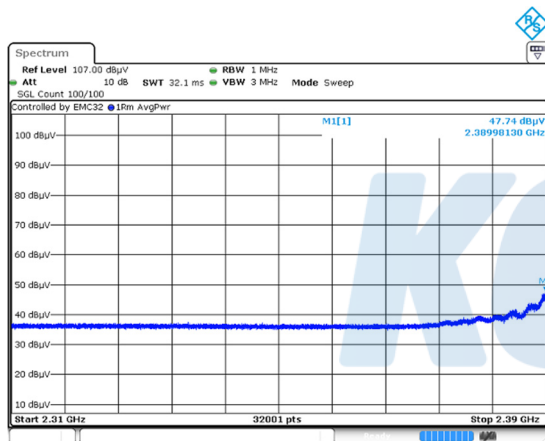
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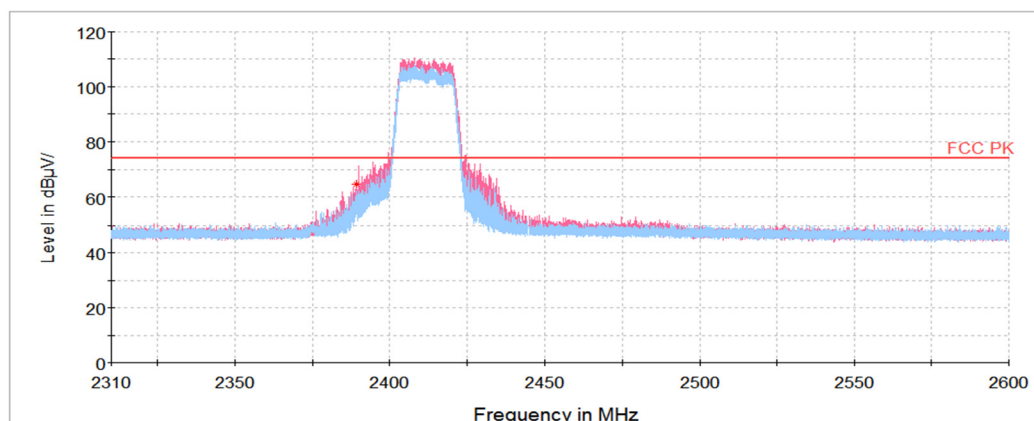
Horizontal/Vertical for 1 GHz ~ 3.5 GHz**Horizontal/Vertical for 3.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 26.5 GHz**

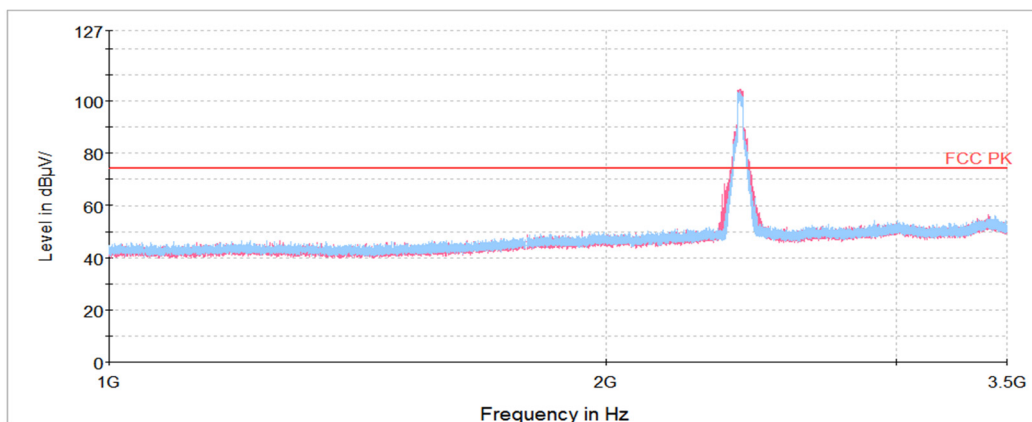
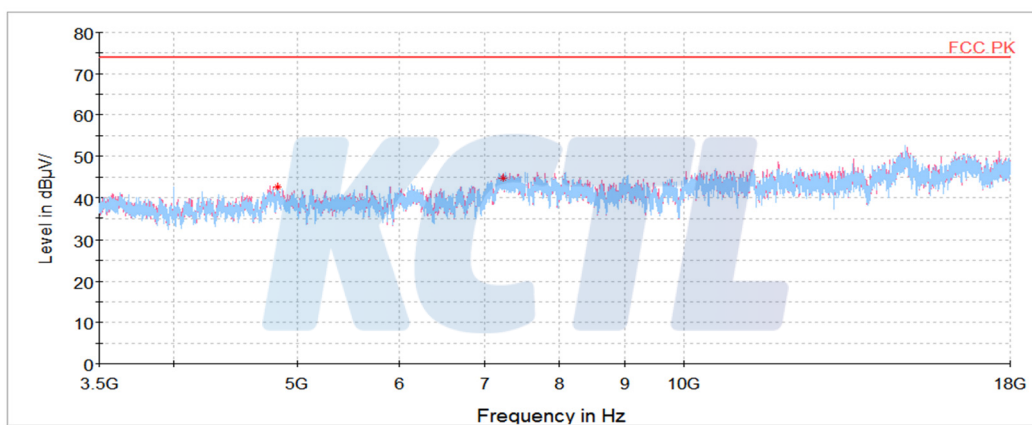
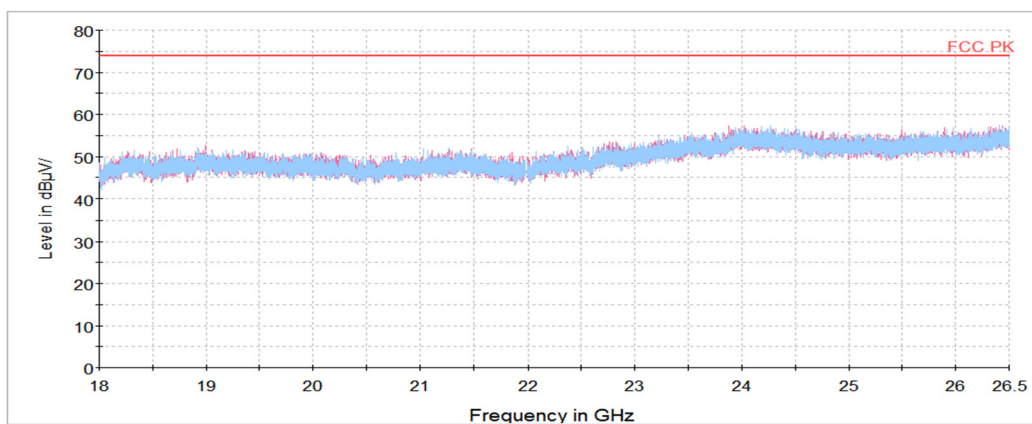
802.11n HT20 3TX MIMO**Lowest Channel (2 412 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 389.98 ¹⁾	V	61.77	31.88	-29.04	-	64.61	74.00	9.39
4 823.13 ¹⁾	V	61.42	33.93	-52.80	-	42.55	74.00	31.45
7 237.83	V	61.11	35.40	-51.86	-	44.65	74.00	29.35
Average Data								
2 389.98 ¹⁾	V	47.74	31.88	-29.04	0.20	50.78	54.00	3.22

Average data (2 389.98 MHz)

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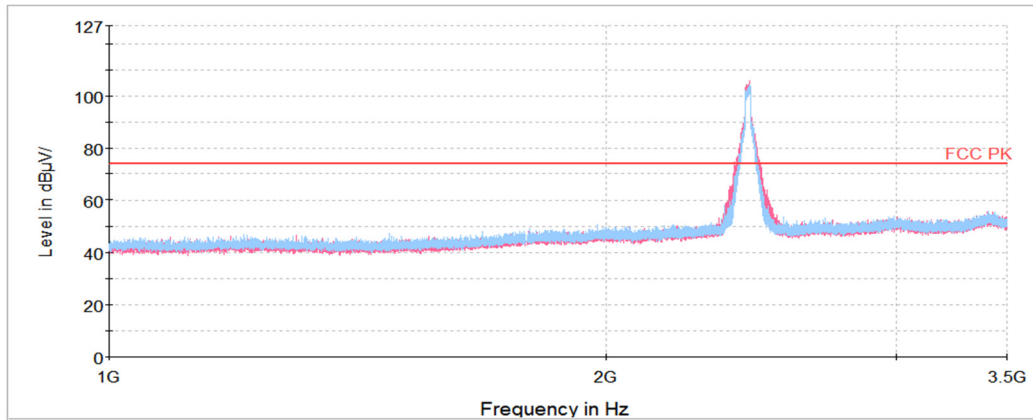
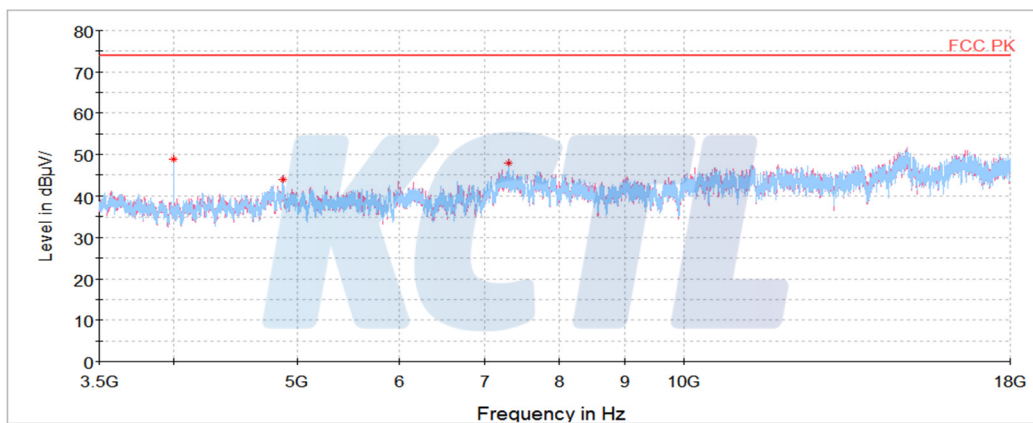
Horizontal/Vertical for Band-edge

Horizontal/Vertical for 1 GHz ~ 3.5 GHz**Horizontal/Vertical for 3.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 26.5 GHz**

Middle Channel (2 437 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data								
4 000.25 ¹⁾	H	72.47	33.00	-56.65	-	48.82	74.00	25.18
4 873.42 ¹⁾	H	64.08	33.95	-54.19	-	43.84	74.00	30.16
7 308.97 ¹⁾	H	63.95	35.40	-51.51	-	47.84	74.00	26.16
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****Horizontal/Vertical for 18 GHz ~ 26.5 GHz**