

KCTL Inc.

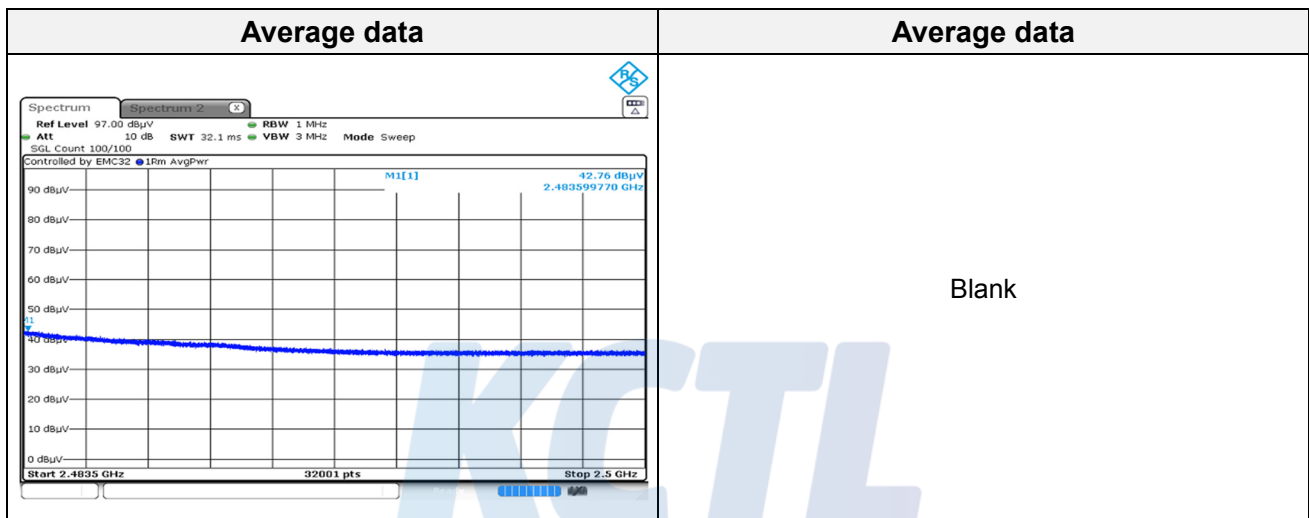
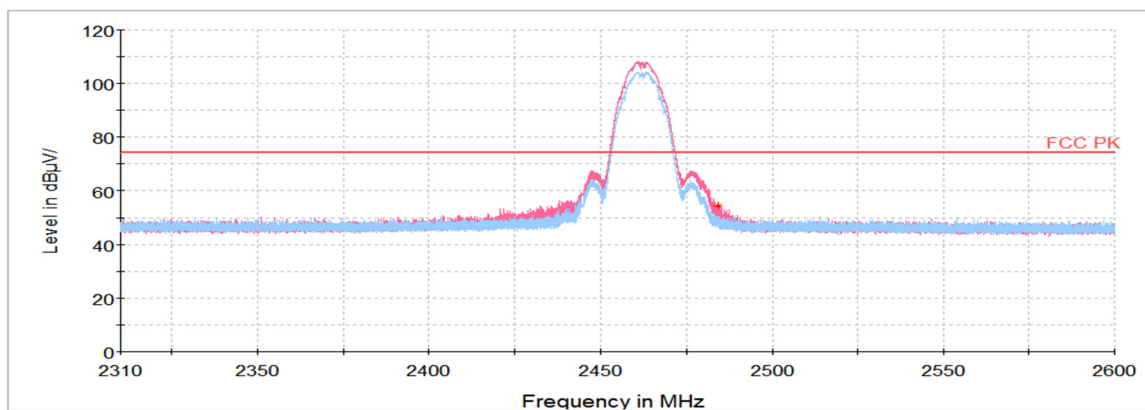
65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
TEL: 82-31-285-0894 FAX: 82-505-299-8311
www.kctl.co.kr

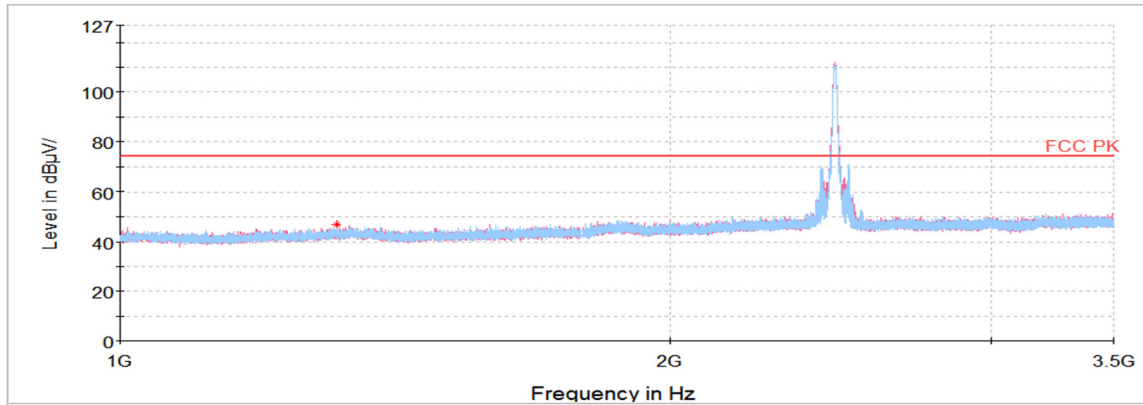
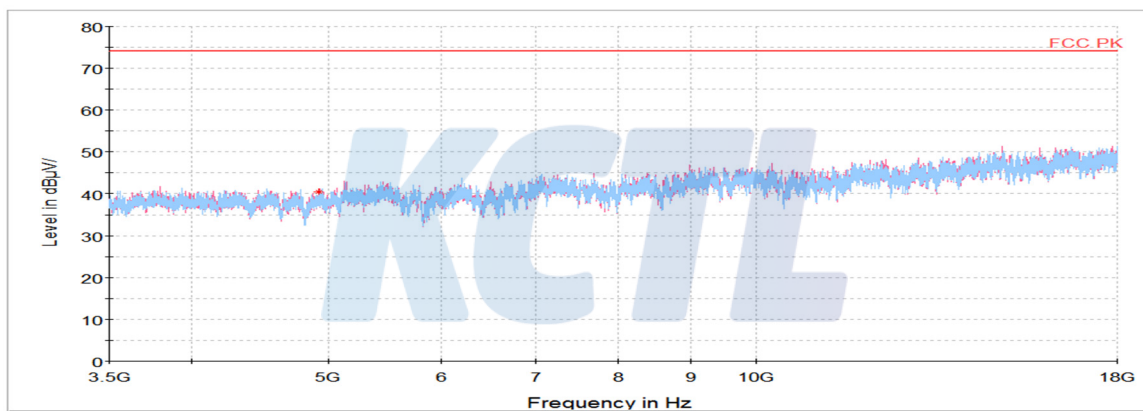
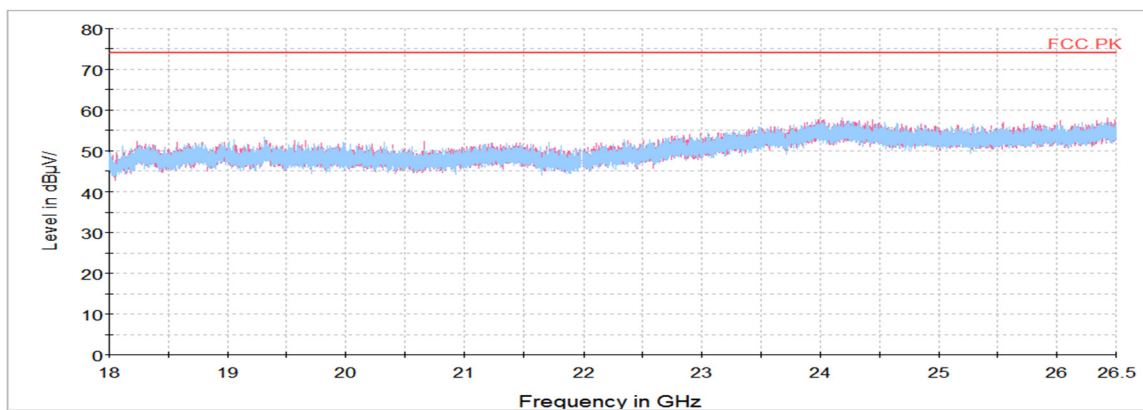
Report No.:
KR19-SRF0116-B

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KCTL**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								
2 483.60 ¹⁾	V	51.25	32.09	-29.21	-	54.13	74.00	19.87
4 922.36 ¹⁾	H	61.34	33.85	-54.81	-	40.38	74.00	33.62
Average Data								
2 483.60	V	42.76	32.09	-29.21	0.05	45.69	54.00	8.31

**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**

KCTL Inc.

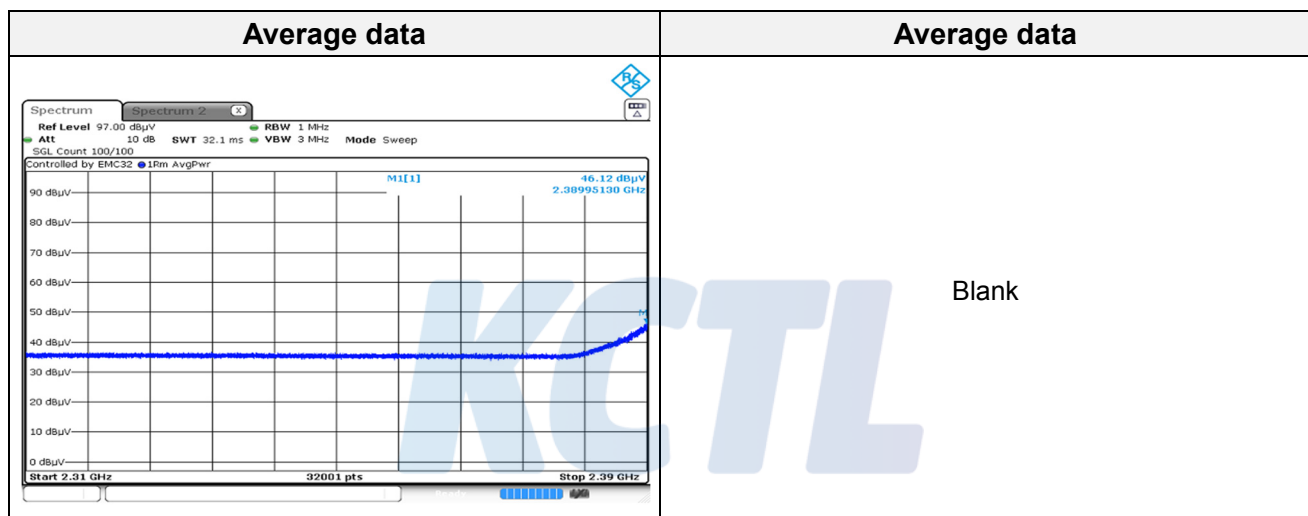
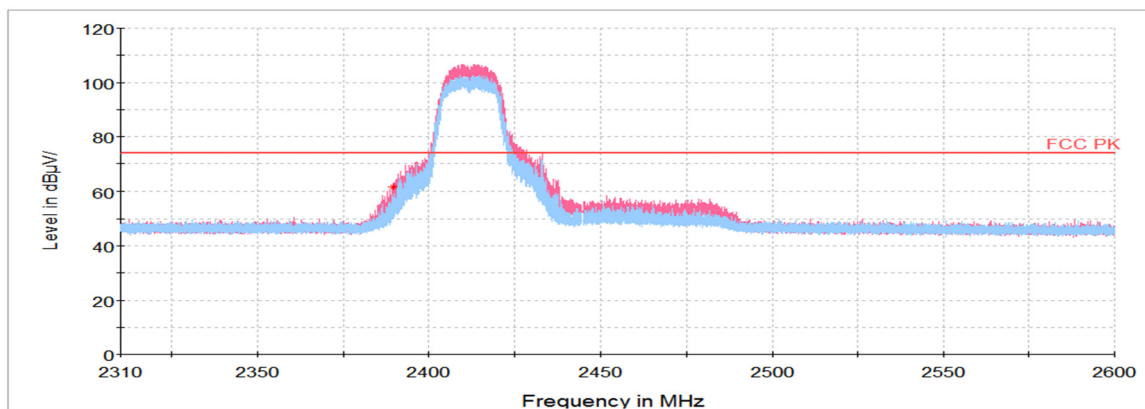
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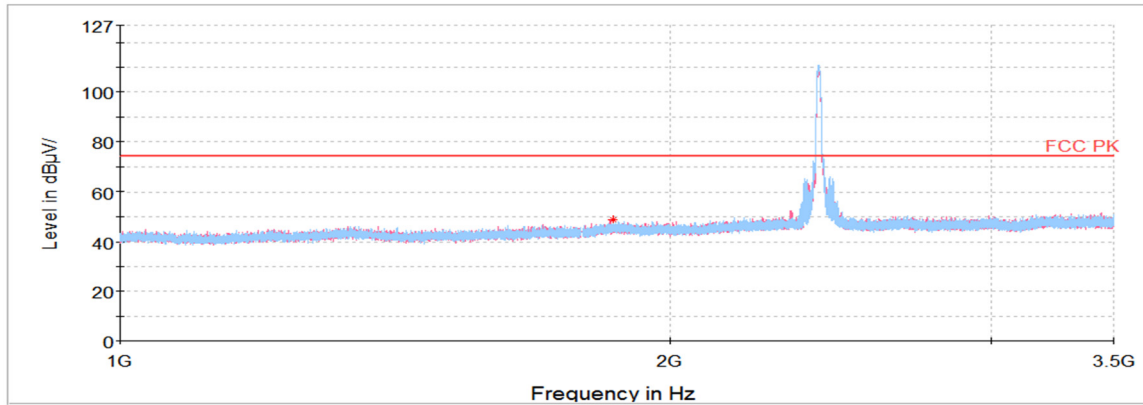
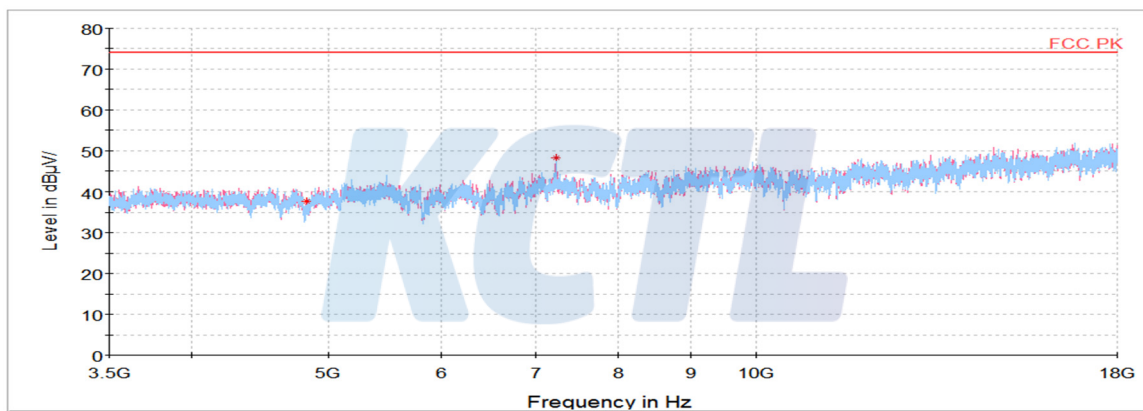
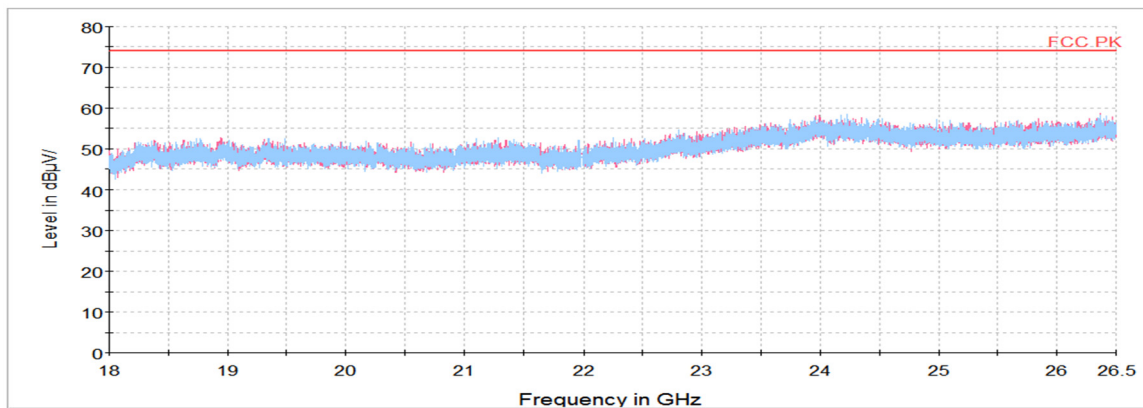
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KCTL**802.11g****2 412 MHz**

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⁾	V	58.33	32.01	-29.04	-	61.30	74.00	12.70
4 824.94 ¹⁾	H	57.20	33.79	-53.52	-	37.47	74.00	36.53
Average Data								
2 389.95 ¹⁾	V	46.12	32.01	-29.04	0.37	49.46	54.00	4.54

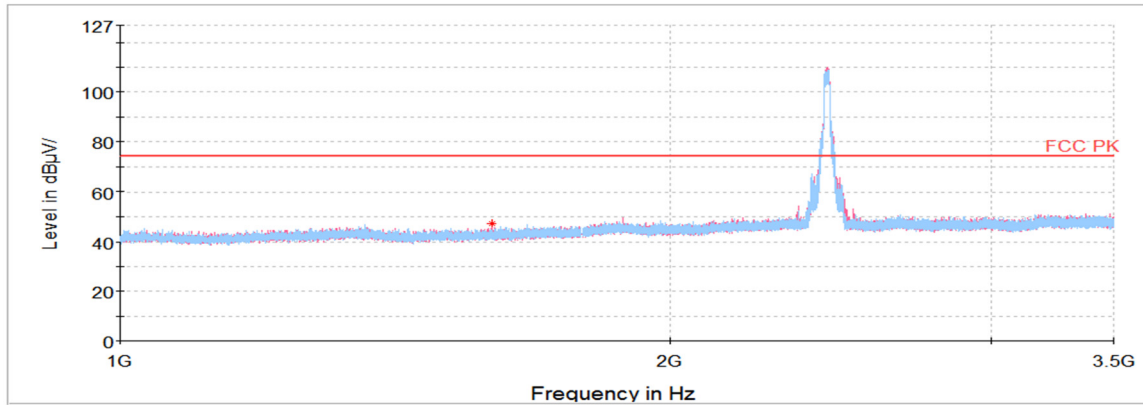
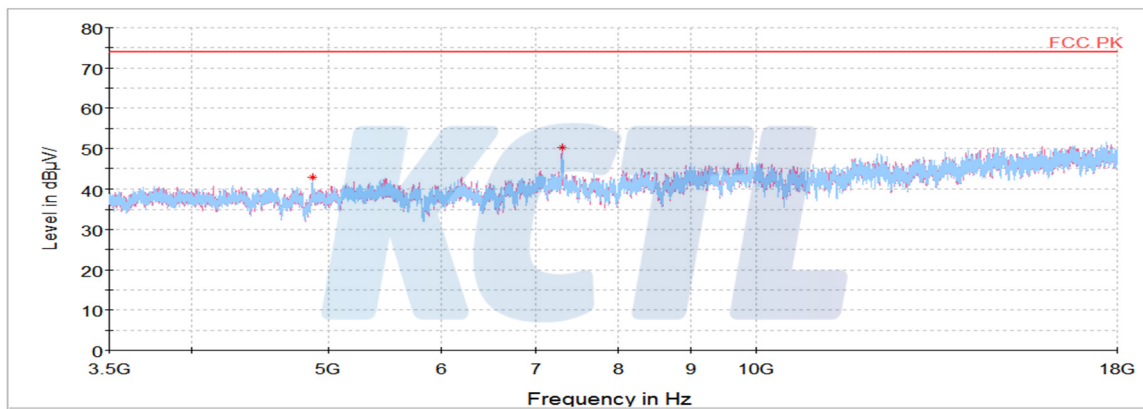
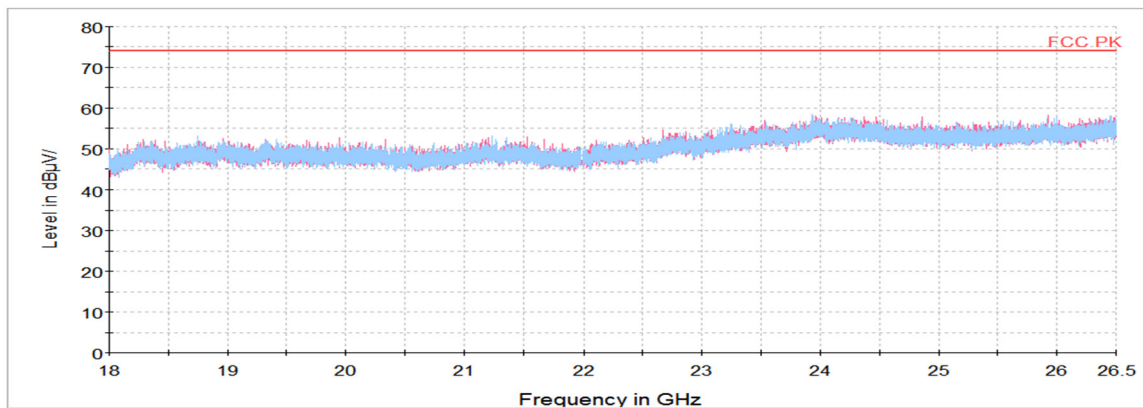
**Horizontal/Vertical for Band-edge**

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

2 437 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								
4 869.80 ¹⁾	V	63.42	33.82	-54.37	-	42.87	74.00	31.13
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

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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**

KCTL Inc.

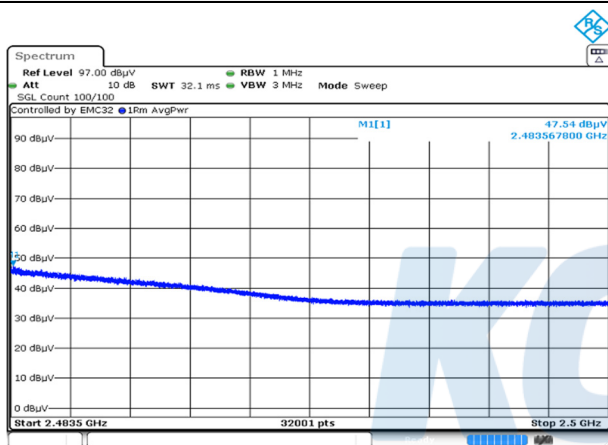
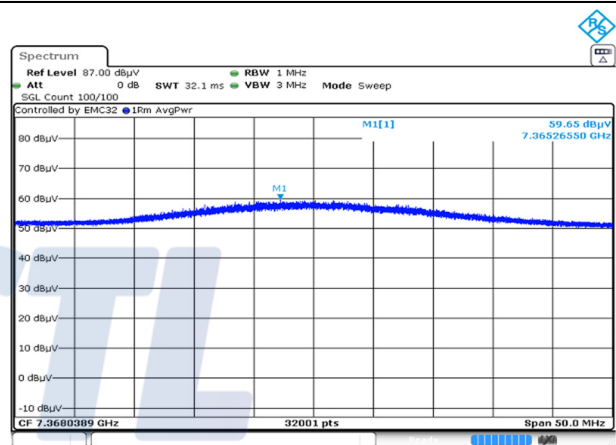
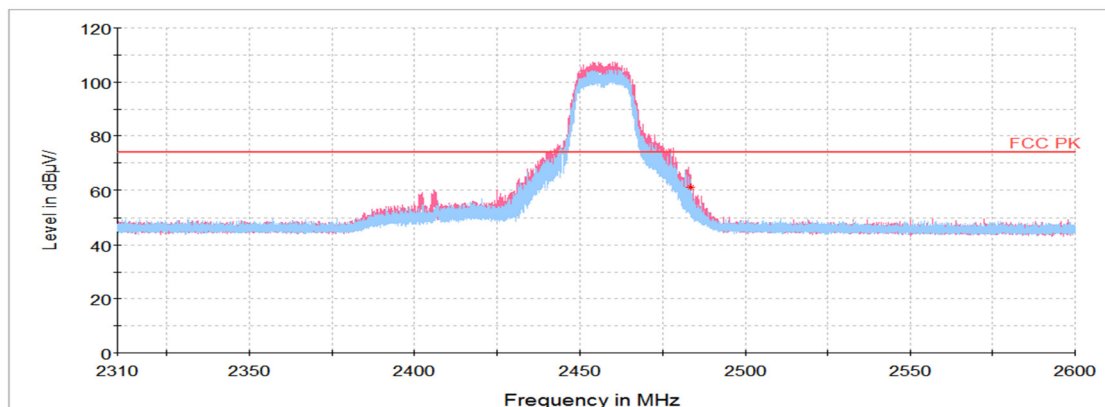
65, Sinwon-ro, Yeongtong-gu,
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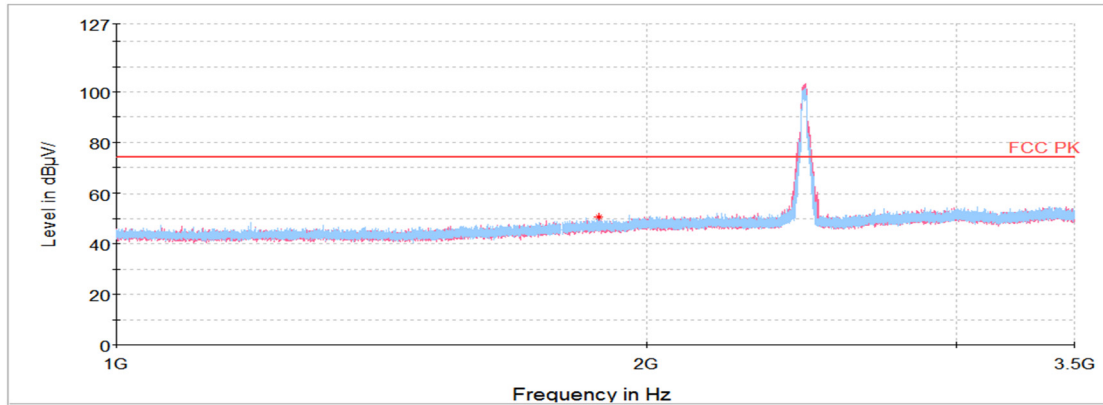
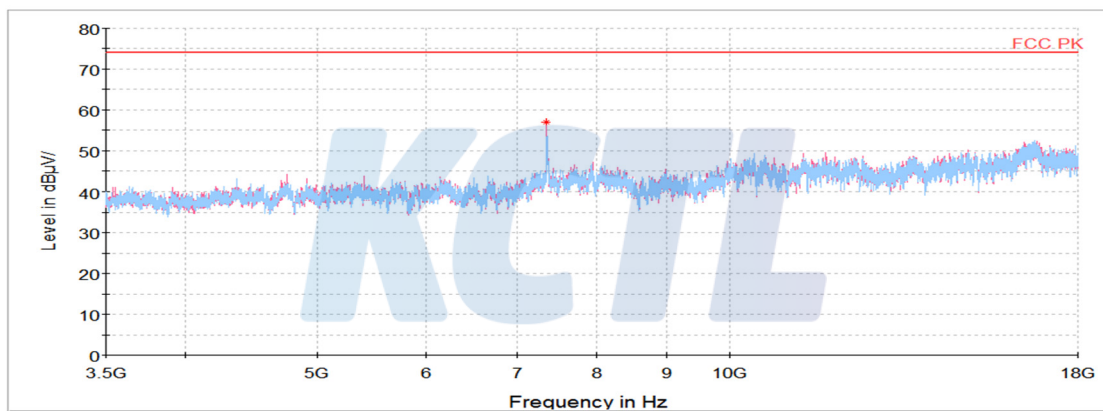
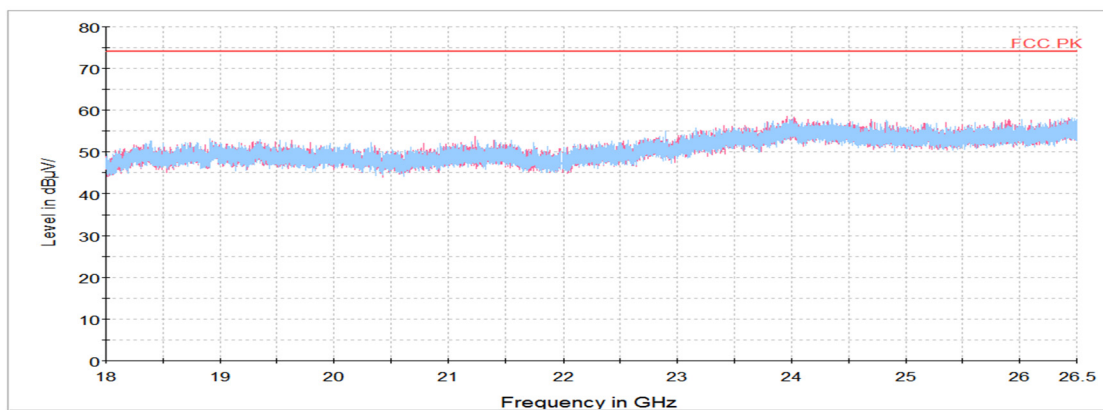
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KCTL**2 457 MHz**

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								
2 483.57 ¹⁾	V	61.90	32.09	-29.21	-	64.78	74.00	9.22
7 365.27 ¹⁾	H	73.64	35.50	-52.28	-	56.86	74.00	17.14
Average Data								
2 483.57 ¹⁾	V	47.54	32.09	-29.21	0.37	50.79	54.00	3.21
7 365.27 ¹⁾	H	59.65	35.50	-52.28	0.37	43.24	54.00	10.76

Average data**Average data****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**

KCTL Inc.

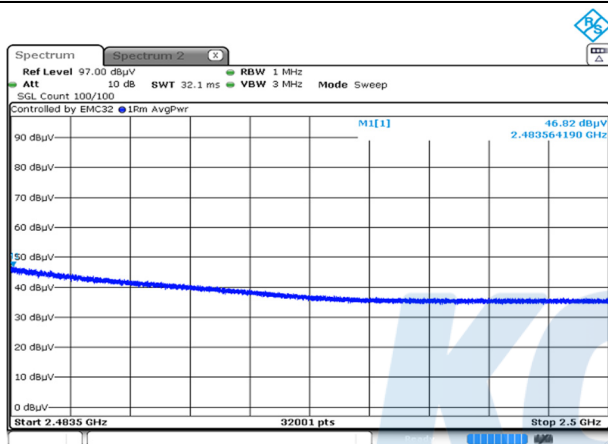
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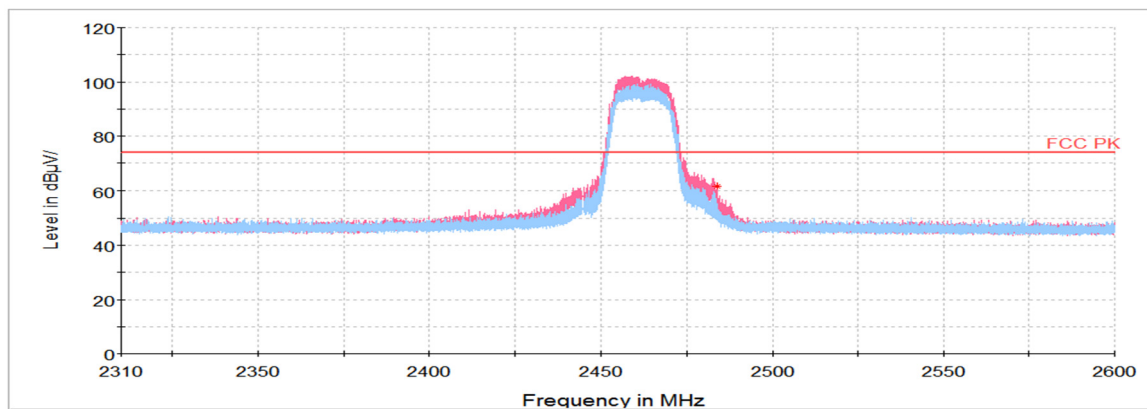
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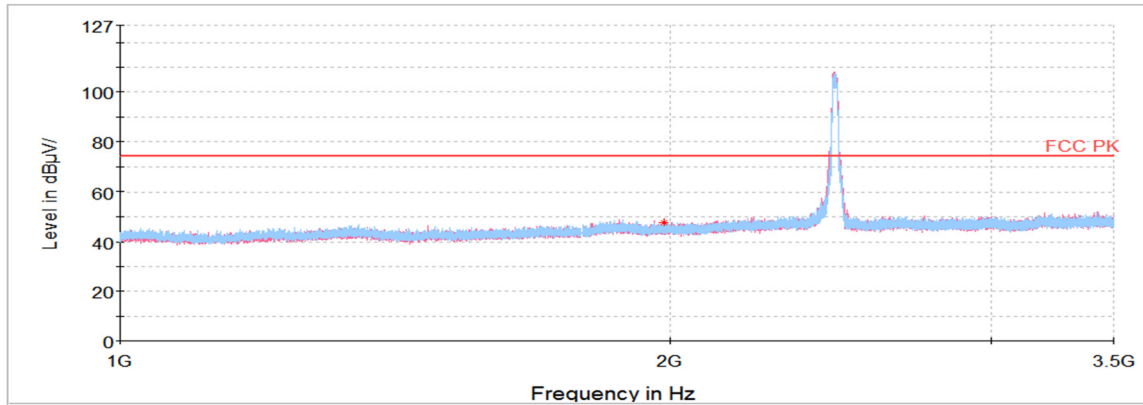
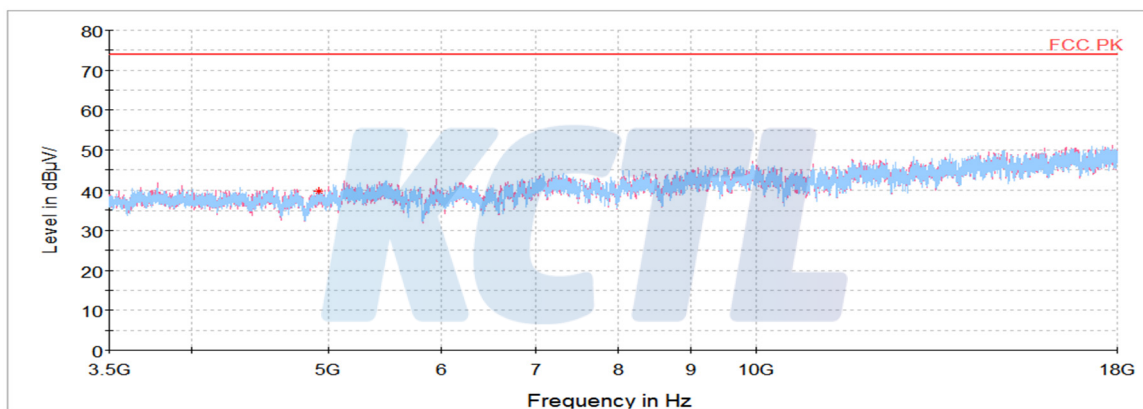
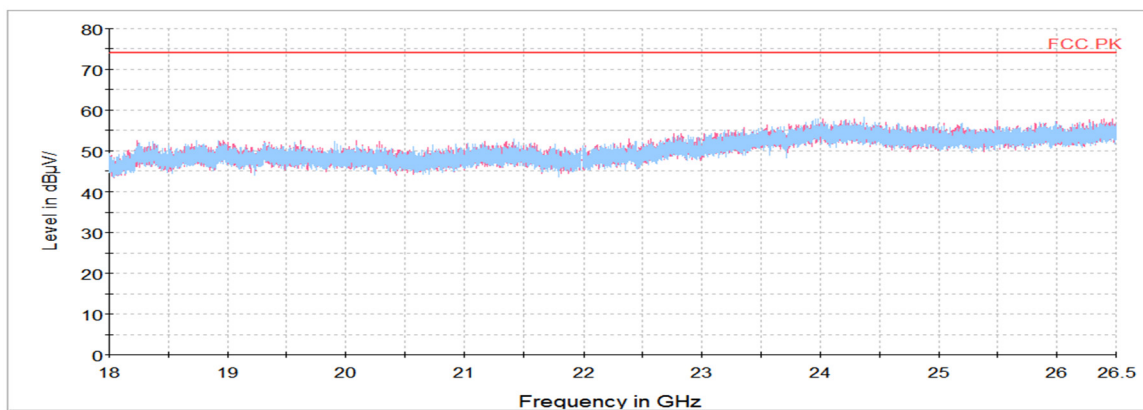
KCTL**2 462 MHz**

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								
2 483.56 ¹⁾	V	58.47	32.09	-29.21	-	61.35	74.00	12.65
4 926.44 ¹⁾	H	60.58	33.86	-54.78	-	39.66	74.00	34.34
Average Data								
2 483.56 ¹⁾	V	46.82	32.09	-29.21	0.37	50.07	54.00	3.93

Average data**Average data**

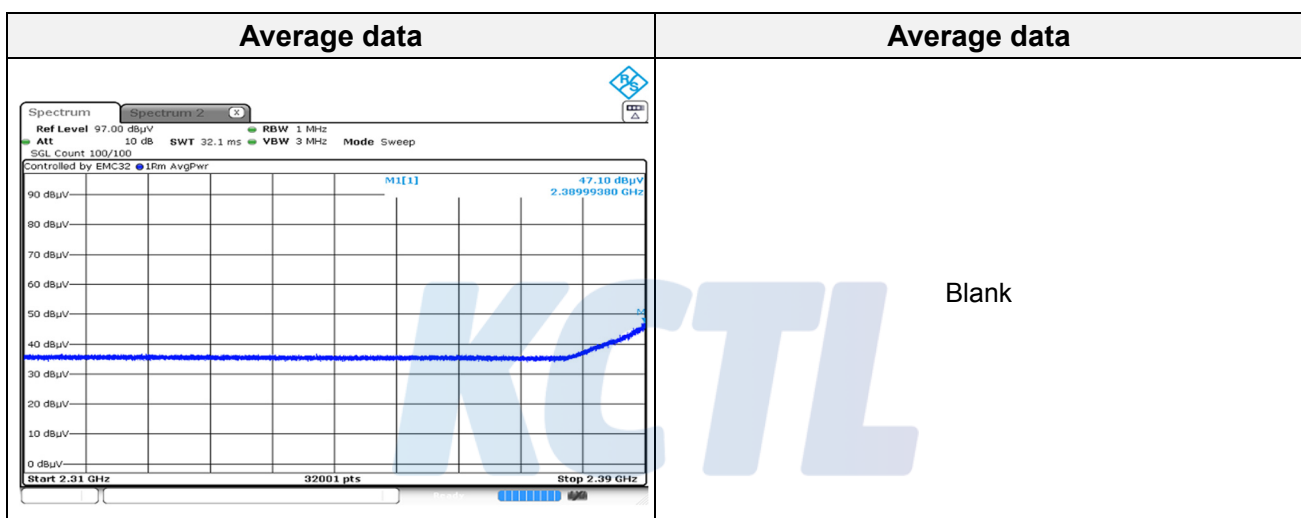
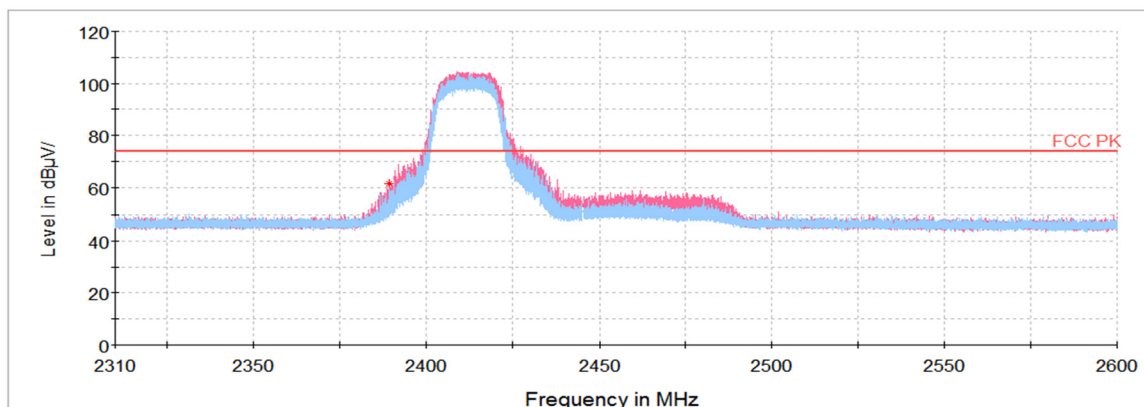
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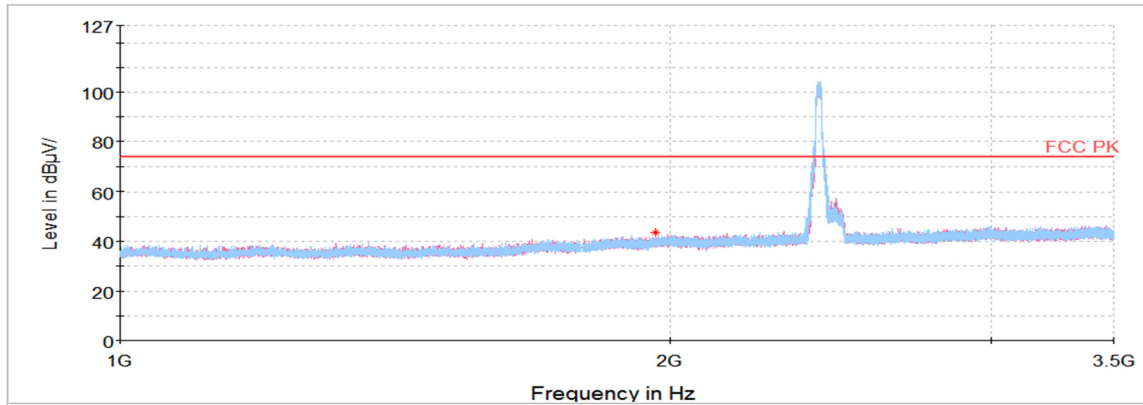
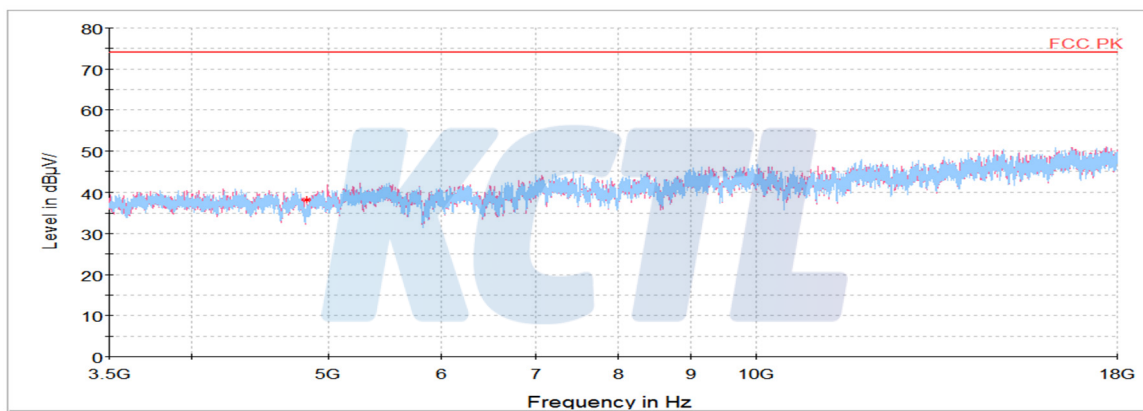
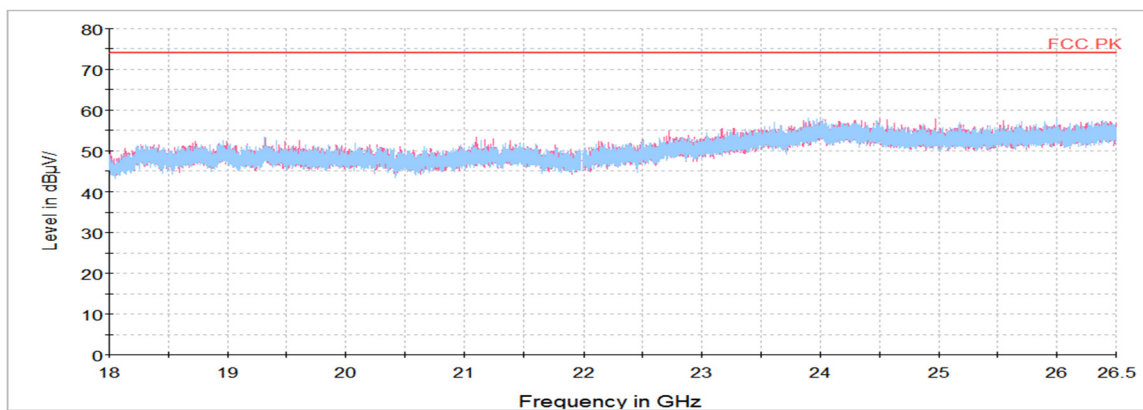
Horizontal/Vertical for Band-edge

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

802.11n HT20**2 412 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								
2 389.99 ¹⁾	V	58.42	32.01	-29.04	-	61.39	74.00	12.61
4 827.20 ¹⁾	H	57.78	33.80	-53.57	-	38.01	74.00	35.99
Average Data								
2 389.99 ¹⁾	V	47.10	32.01	-29.04	0.40	50.47	54.00	3.53

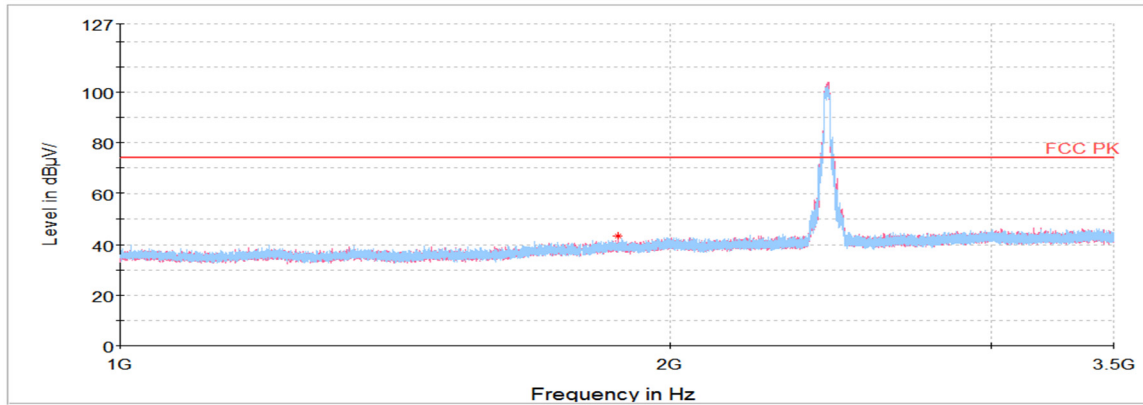
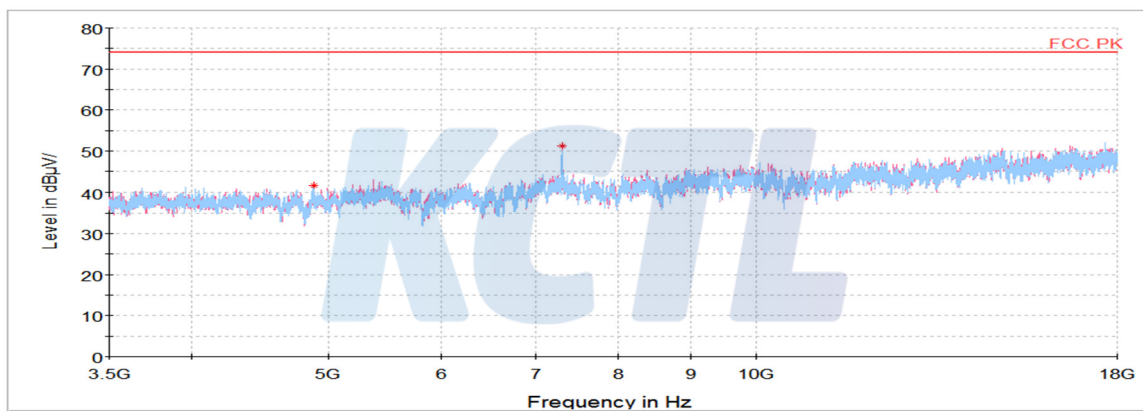
**Horizontal/Vertical for Band-edge**

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

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								
4 879.31 ¹⁾	H	62.24	33.83	-54.54	-	41.53	74.00	32.47
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

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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**