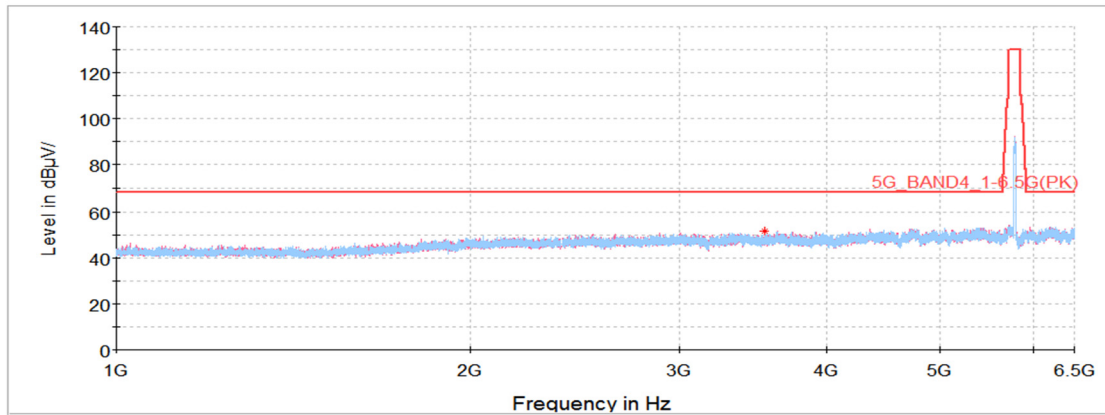
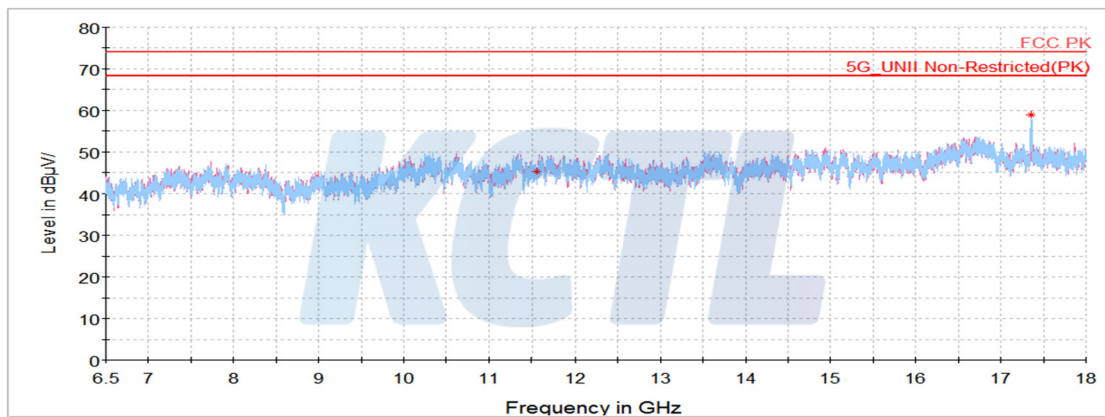
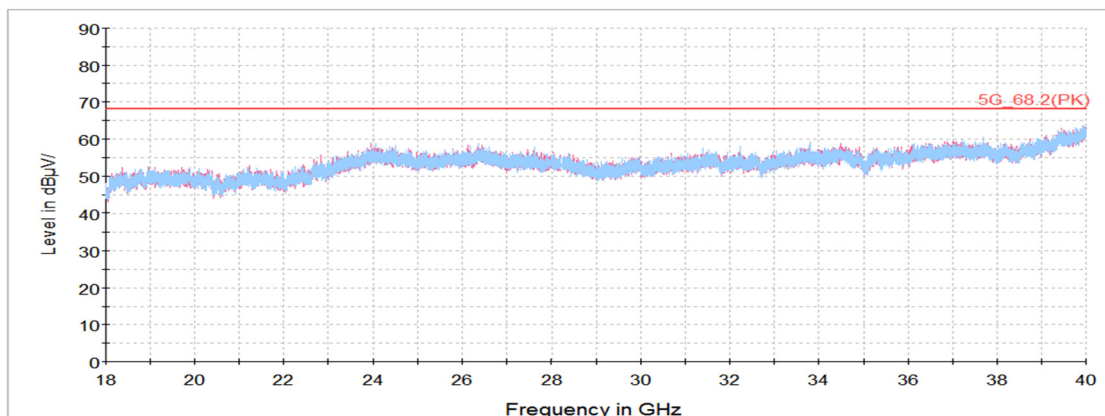


Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

KCTL Inc.

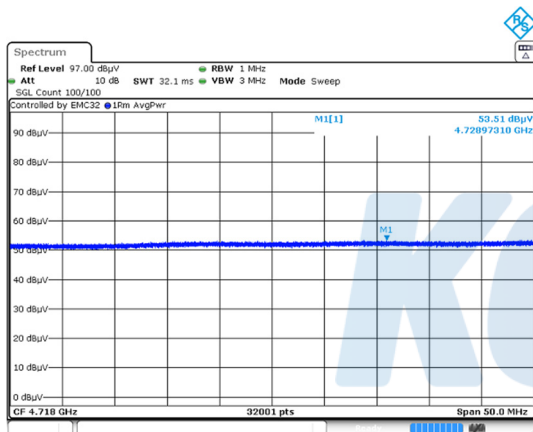
65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
TEL: 82-31-285-0894 FAX: 82-505-299-8311
www.kctl.co.kr

Report No.:
KR19-SRF0192-B

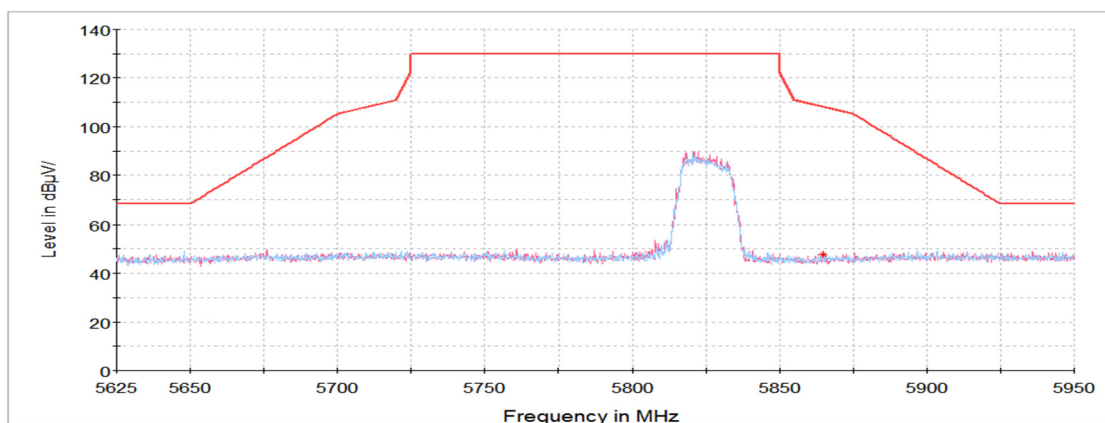
Page (86) of (112)

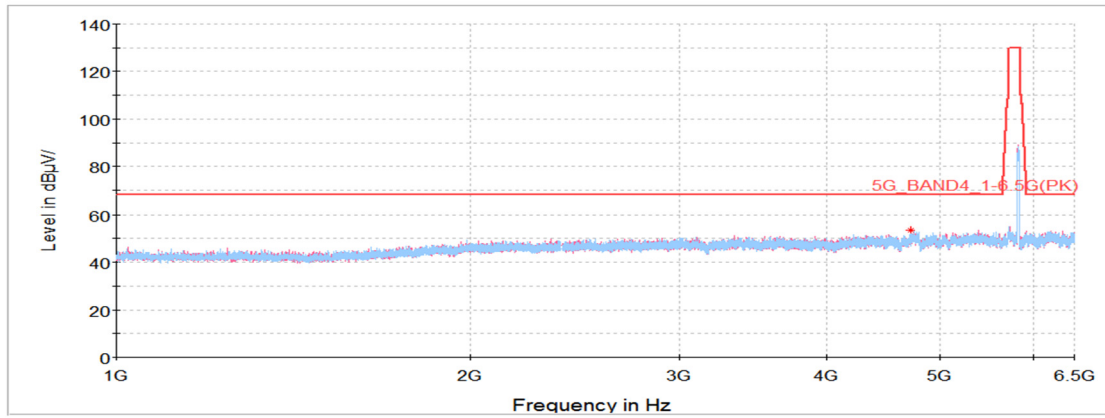
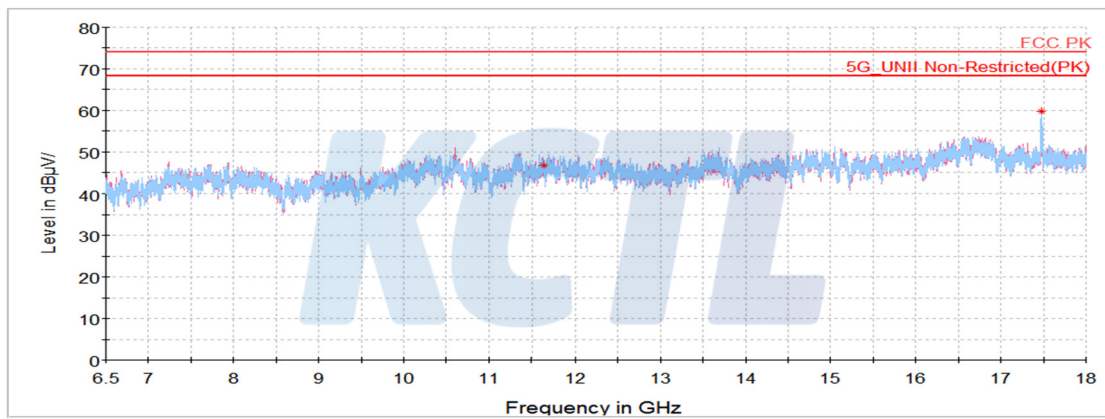
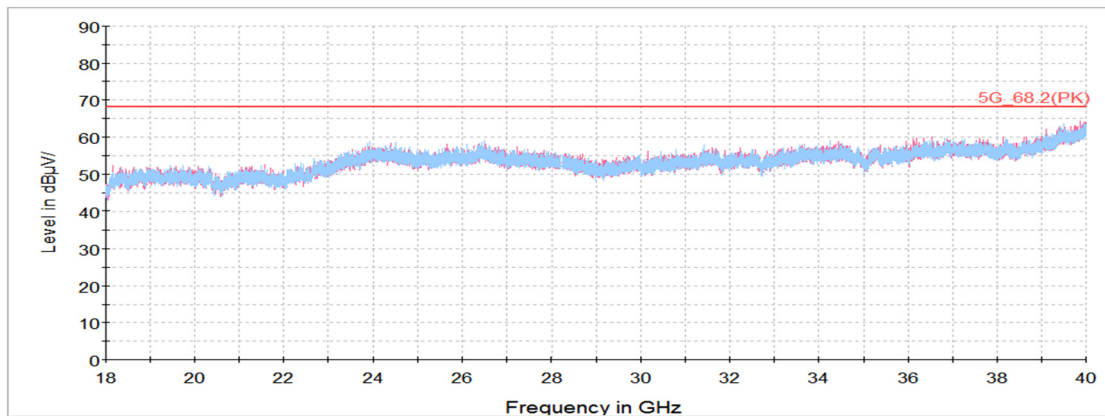
KCTL**Highest Channel (5 825 MHz)**

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								
4 728.90 ¹⁾	H	64.19	33.74	-44.50	-	53.43	74.00	20.57
5 864.75	V	39.47	34.94	-26.59	-	47.82	108.07	60.25
11 650.56 ¹⁾	V	57.17	38.38	-48.74	-	46.81	74.00	27.19
17 476.39	H	64.95	41.89	-47.21	-	59.63	68.20	8.57
Average Data								
4 728.90 ¹⁾	H	53.51	33.74	-44.5	0.21	42.96	54.00	11.04

Average data

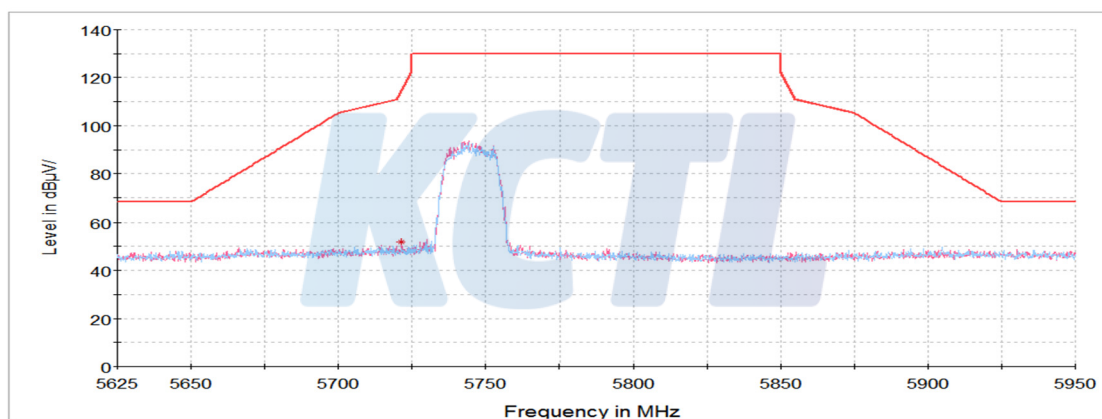
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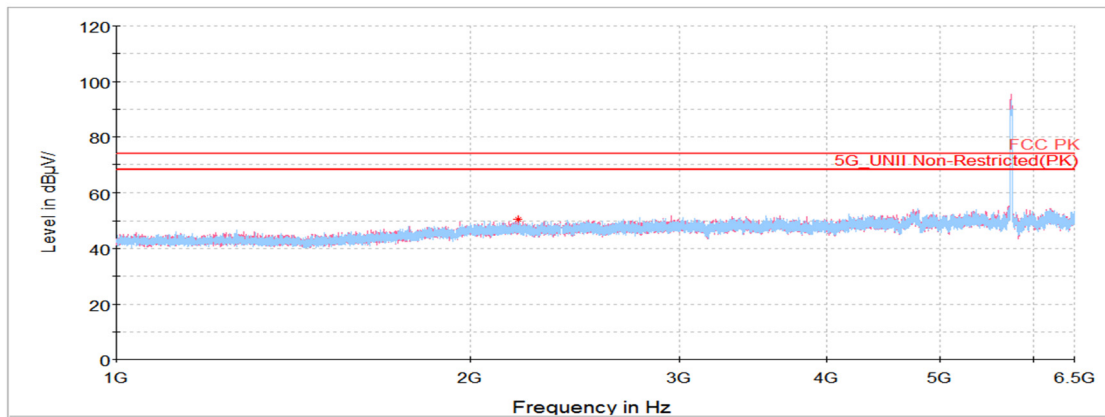
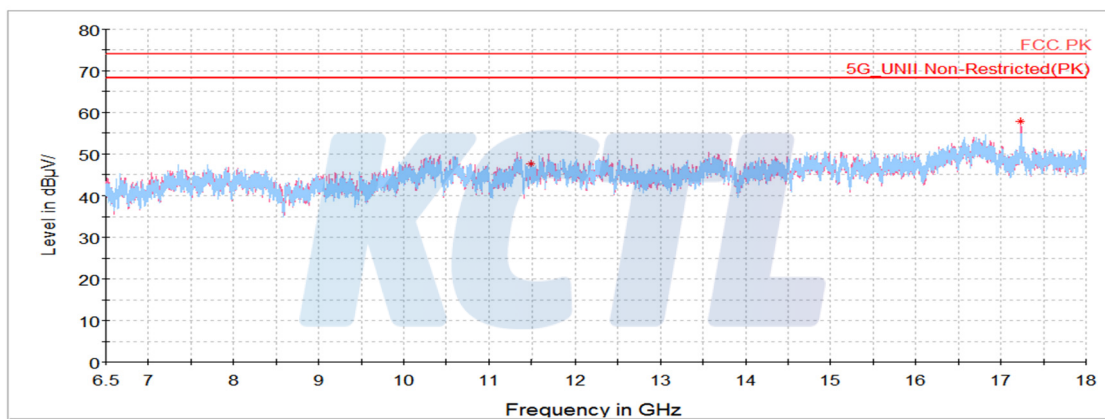
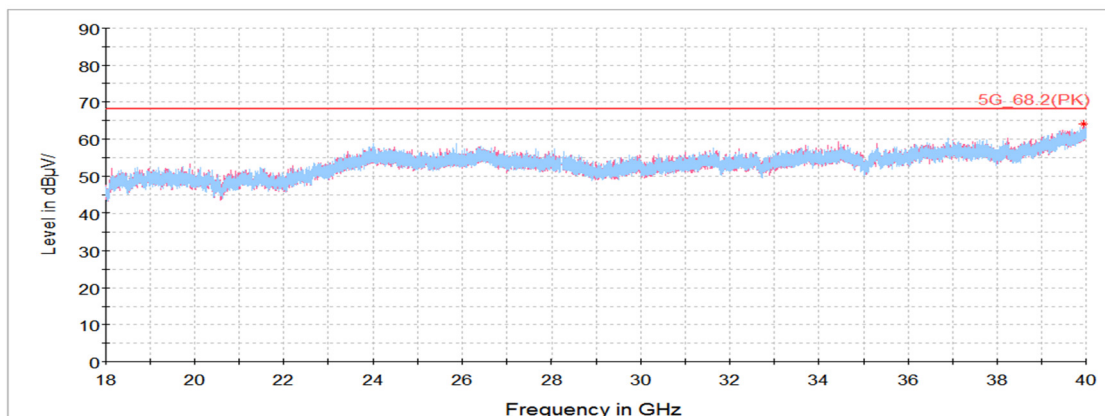
Horizontal/Vertical for Band-edge

Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

802.11n HT20 UNII-3**Lowest Channel (5 745 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								
2 195.91	V	67.69	31.86	-48.92	-	50.63	68.20	17.57
5 721.58	V	43.14	34.77	-25.87	-	52.04	114.40	62.36
11 490.64 ¹⁾	V	57.52	38.19	-48.18	-	47.53	74.00	26.47
17 232.73	V	62.59	41.79	-46.64	-	57.74	68.20	10.46
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

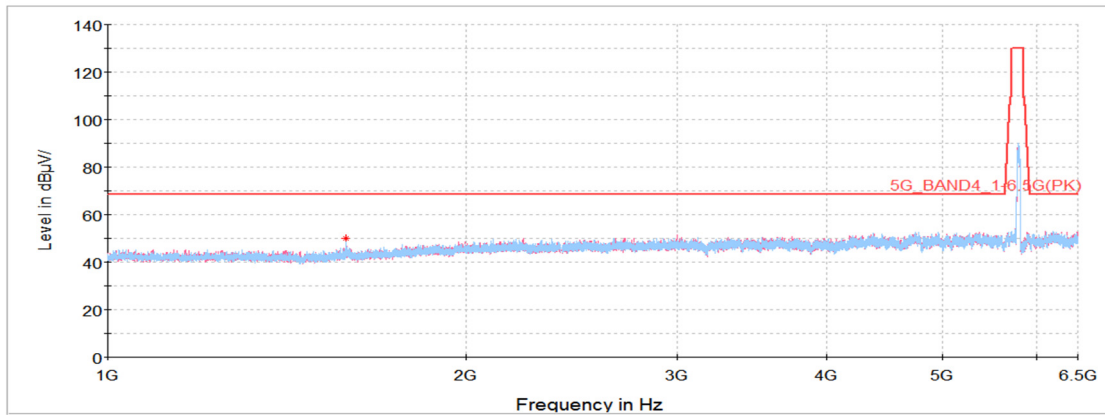
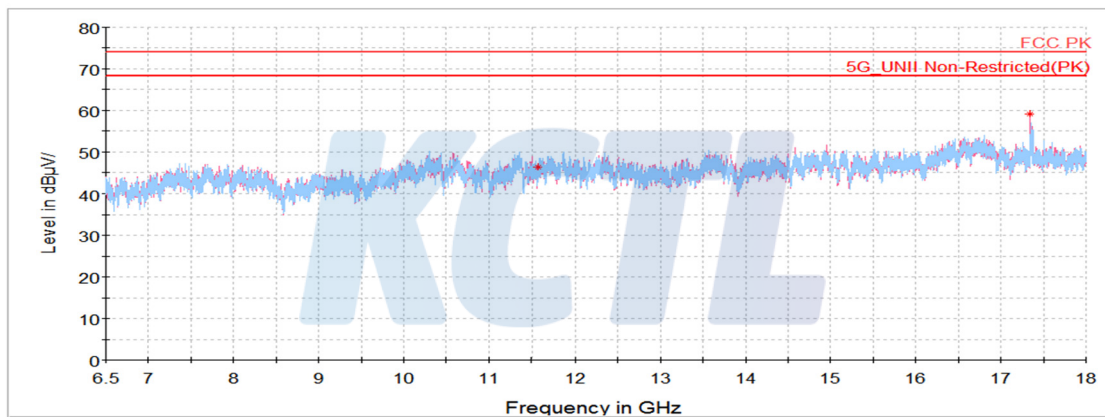
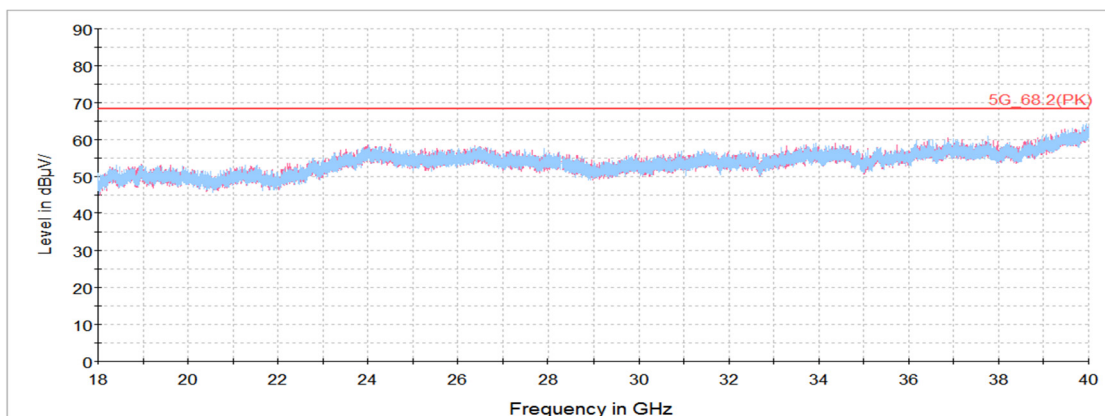
Horizontal/Vertical for Band-edge

Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

Middle Channel (5 785 MHz)

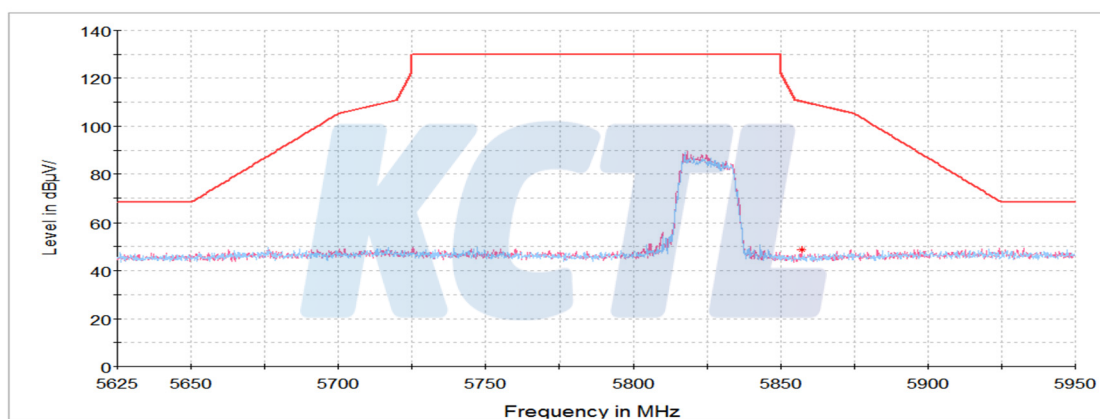
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
1 585.75 ¹⁾	H	71.44	28.63	-49.90	-	50.17	74.00	23.83
11 571.86 ¹⁾	H	56.32	38.29	-48.41	-	46.20	74.00	27.80
17 346.30	V	64.14	41.84	-46.90	-	59.08	68.20	9.12
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

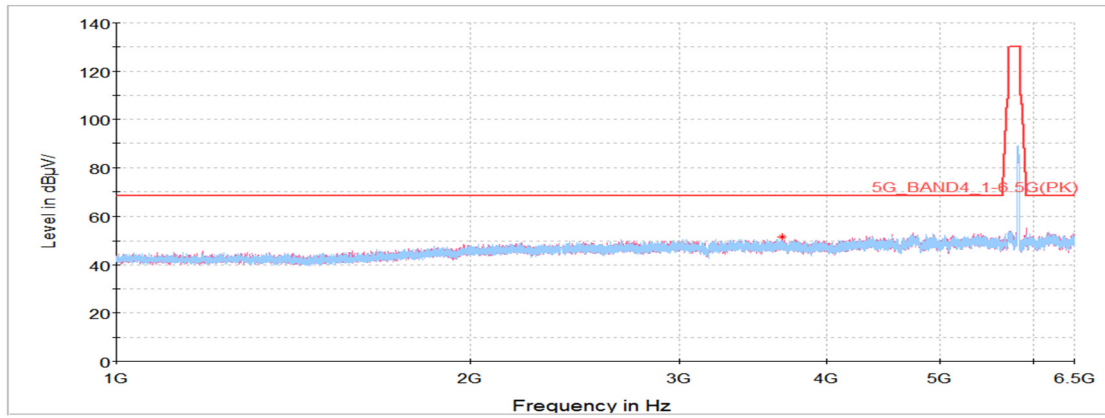
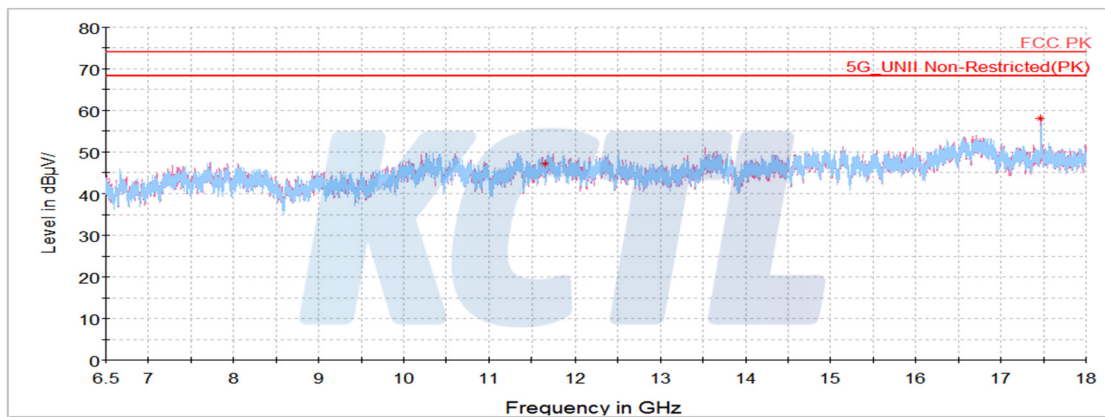
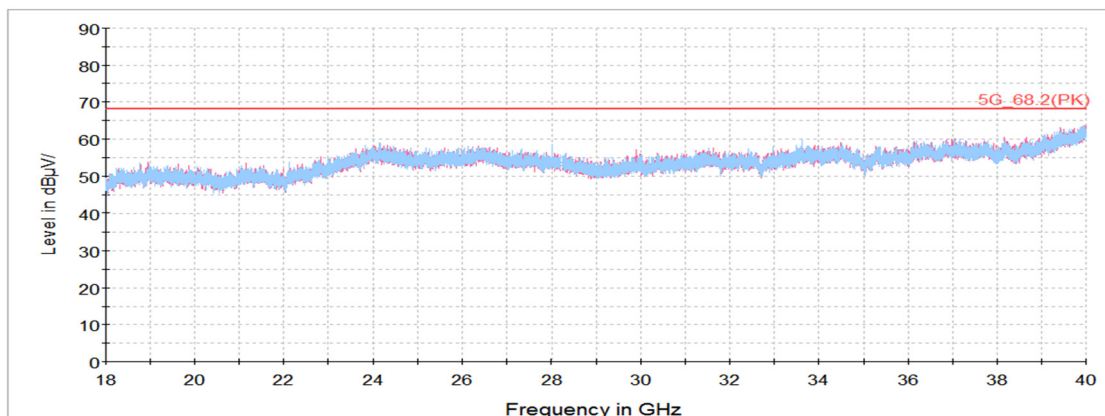


Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

Highest Channel (5 825 MHz)

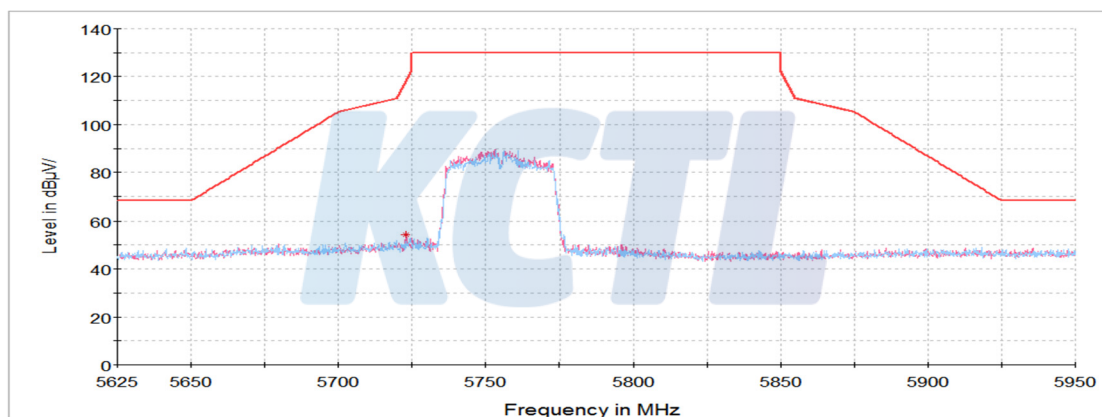
Frequency	Pol.	Reading	Amp. + Cable	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
3 662.38 ¹⁾	V	65.33	32.63	-46.52	-	51.44	74.00	22.56
5 857.02	V	40.33	34.93	-26.64	-	48.62	110.24	61.62
11 654.88 ¹⁾	V	57.57	38.39	-48.76	-	47.20	74.00	26.80
17 469.56	V	63.24	41.89	-47.19	-	57.94	68.20	10.26
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

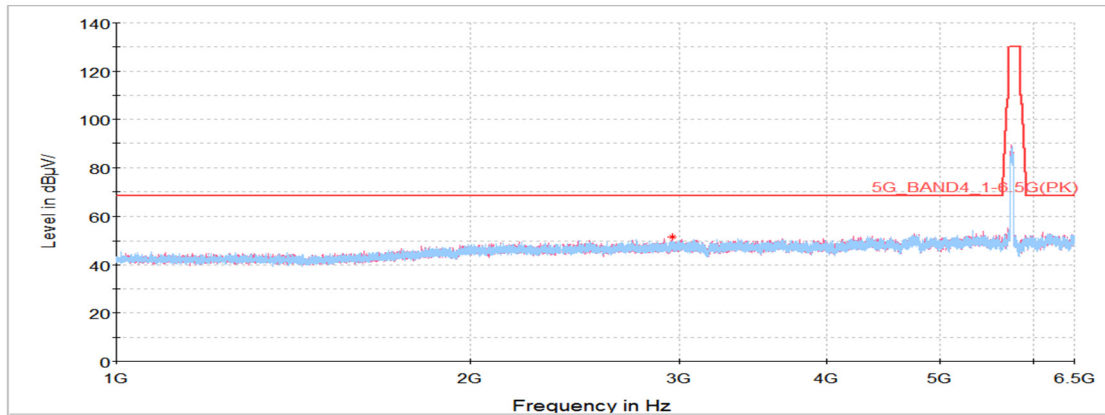
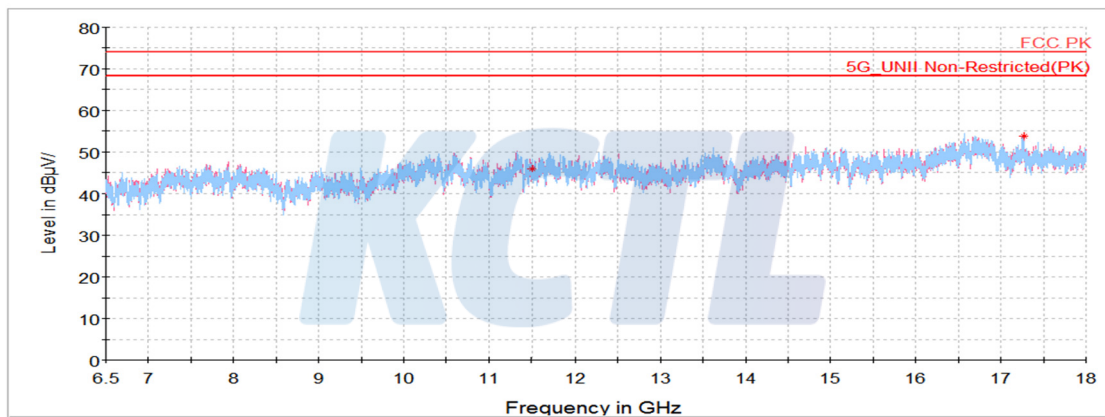
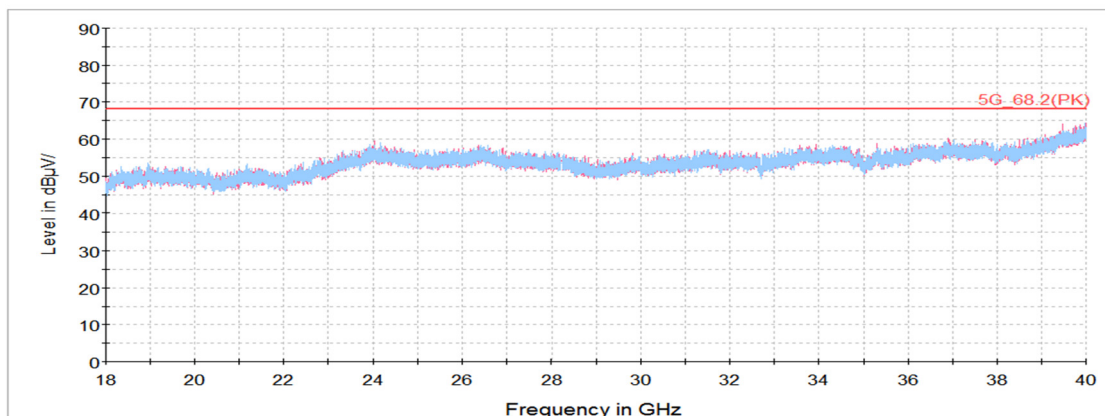
Horizontal/Vertical for Band-edge

Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

802.11n HT40 UNII-3**Lowest Channel (5 755 MHz)**

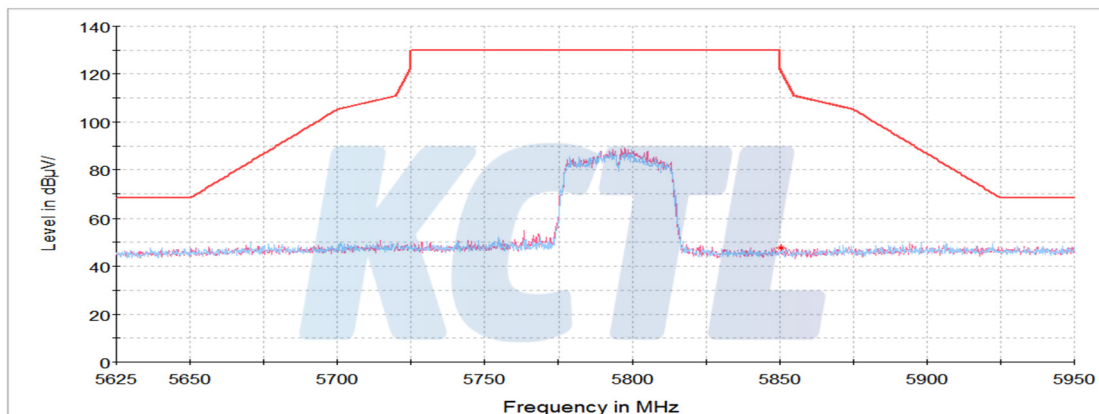
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
2 958.34	V	66.52	32.83	-47.72	-	51.63	68.20	16.57
5 723.13	H	45.39	34.77	-25.89	-	54.27	117.93	63.65
11 510.05 ¹⁾	V	55.75	38.21	-48.16	-	45.80	74.00	28.20
17 267.23	V	58.58	41.81	-46.72	-	53.67	68.20	14.53
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

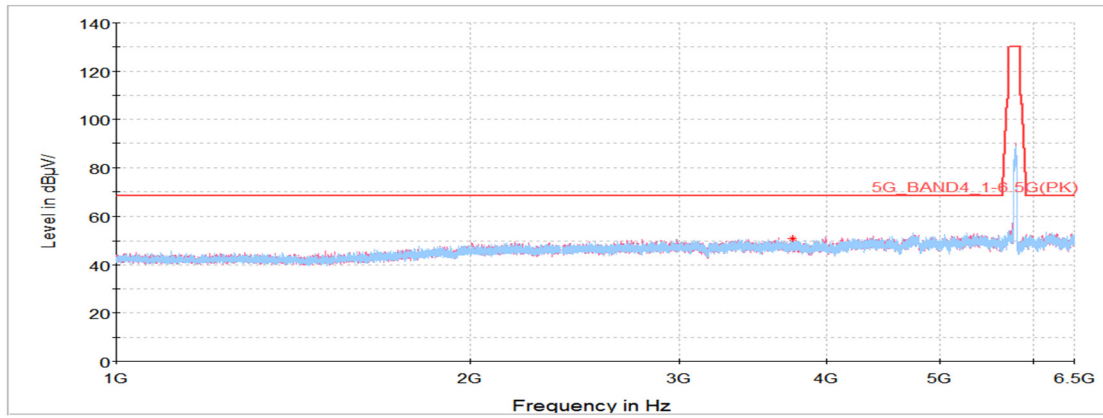
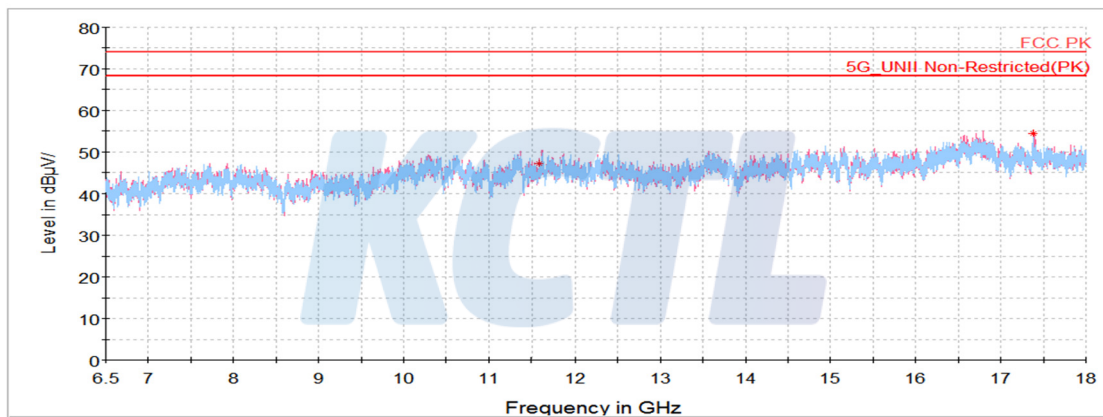
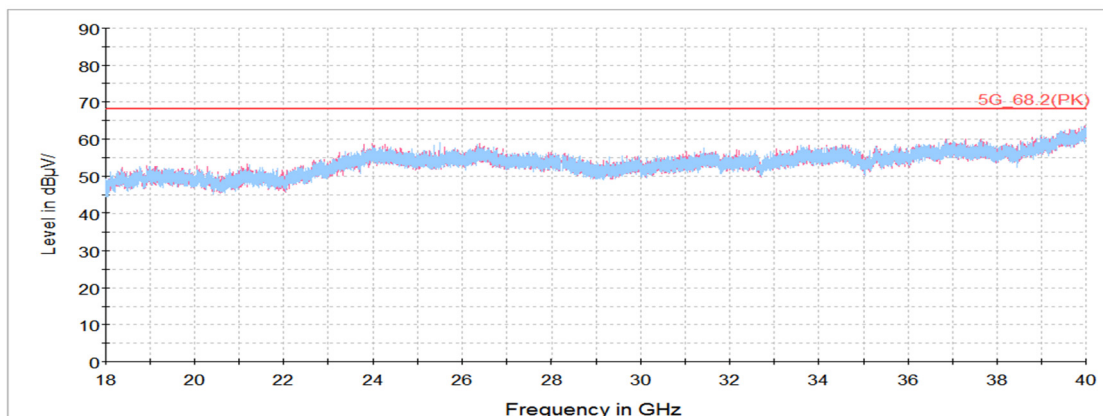
Horizontal/Vertical for Band-edge

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 (5 795 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								
3 984.02 ¹⁾	V	65.34	32.70	-46.54	-	51.50	74.00	22.50
5 850.48	H	39.48	34.92	-26.68	-	47.72	121.10	73.37
11 589.11 ¹⁾	H	57.33	38.31	-48.48	-	47.16	74.00	26.84
17 381.88	H	59.57	41.85	-46.99	-	54.43	68.20	13.77
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

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 VHT20 UNII-3**Lowest Channel (5 745 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								
3 585.00	H	64.98	32.62	-46.58	-	51.02	68.20	17.18
5 724.84	H	44.56	34.77	-25.91	-	53.42	121.84	68.42
11 490.64 ¹⁾	H	56.04	38.19	-48.18	-	46.05	74.00	27.95
17 234.17	V	63.42	41.79	-46.64	-	58.57	68.20	9.63
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for Band-edge