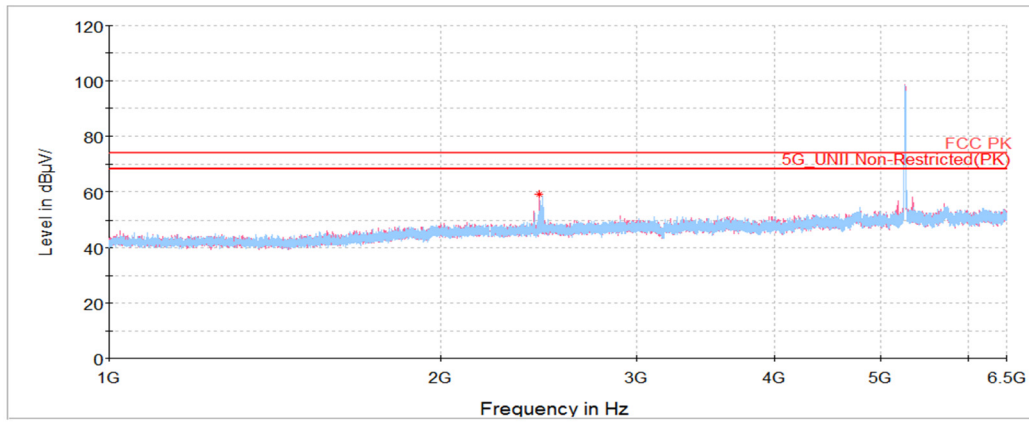
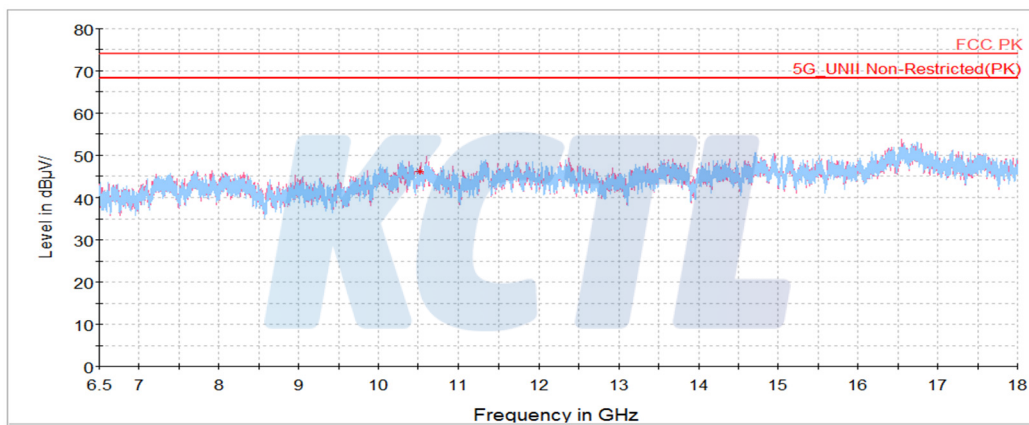
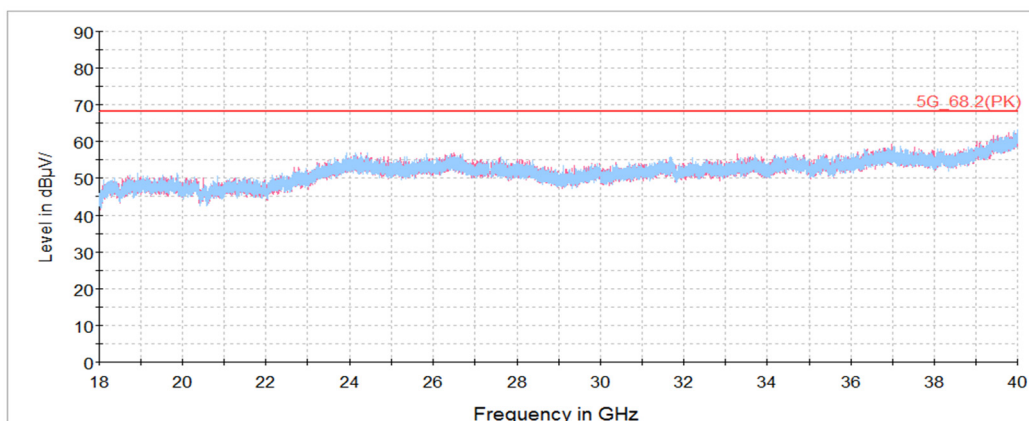


802.11a UNII-2A

Lowest Channel (5 260 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								
2 450.28	V	75.42	32.06	-48.42	-	59.06	68.20	9.14
10 519.25	V	56.85	37.41	-48.20	-	46.06	68.20	22.14
Average Data								
No spurious emissions were detected within 20 dB of the limit								

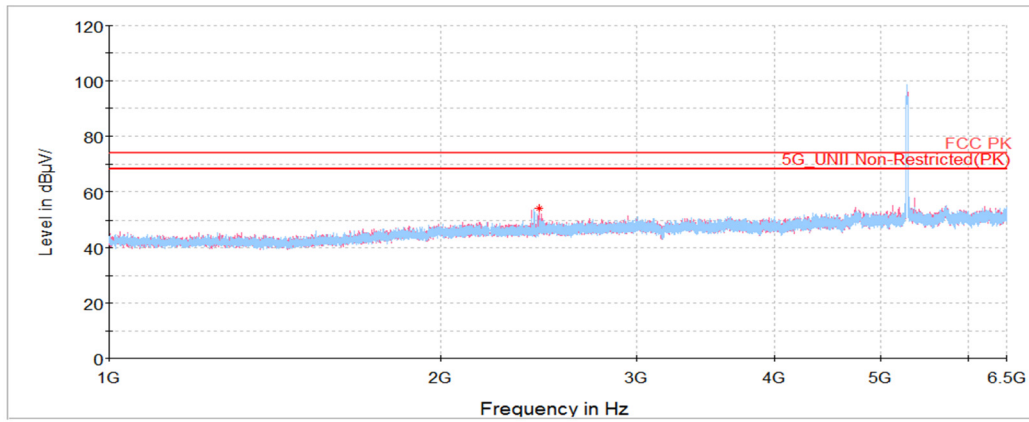
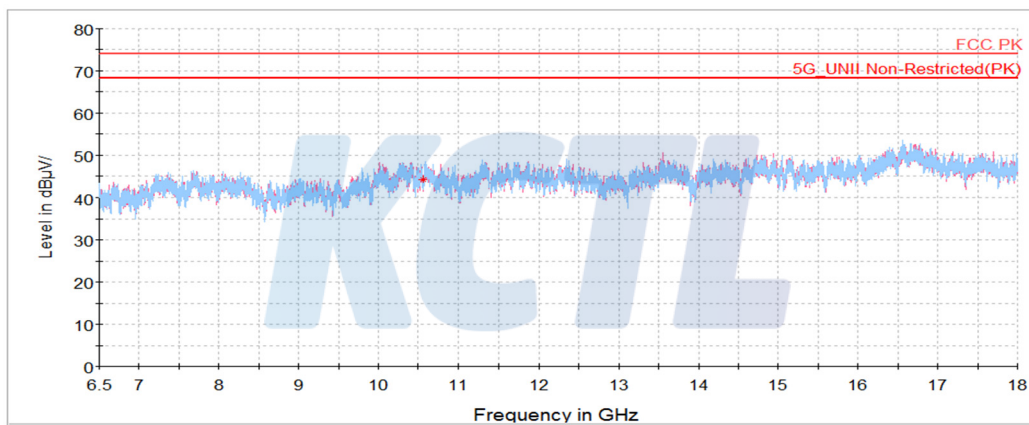
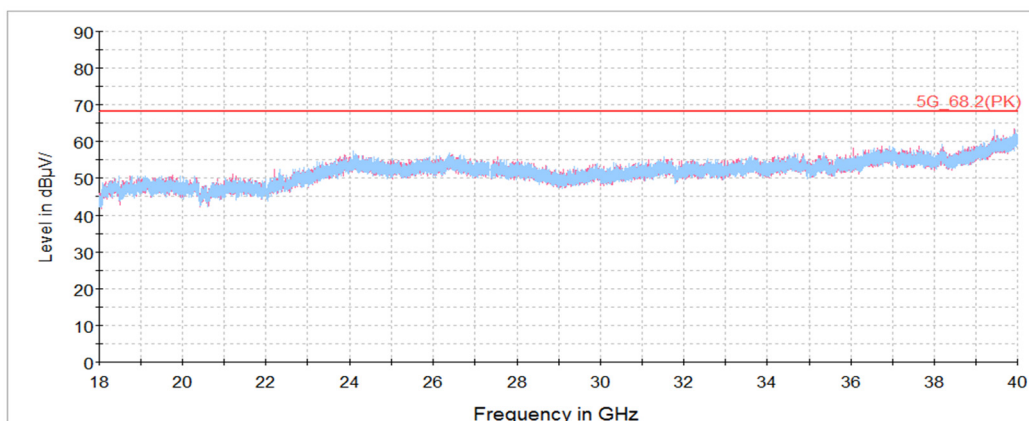
KCTL

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 (5 280 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								
2 447.36	V	70.68	32.06	-48.44	-	54.30	68.20	13.90
10 560.58	H	55.27	37.44	-48.48	-	44.23	68.20	23.97
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**

KCTL Inc.

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

Report No.:
KR20-SRF0037

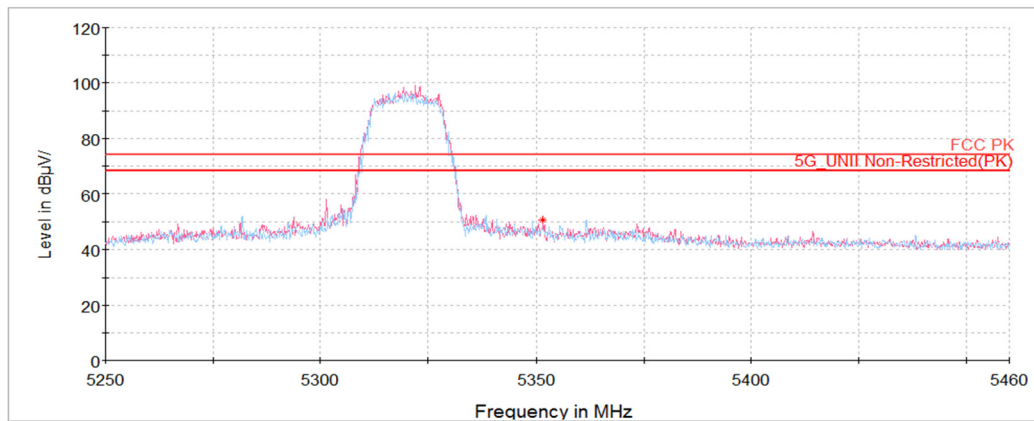
Page (117) of (206)

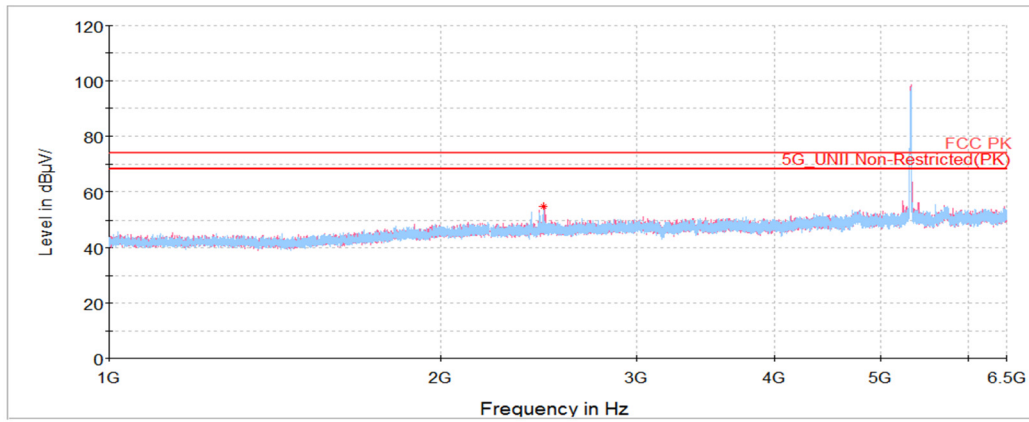
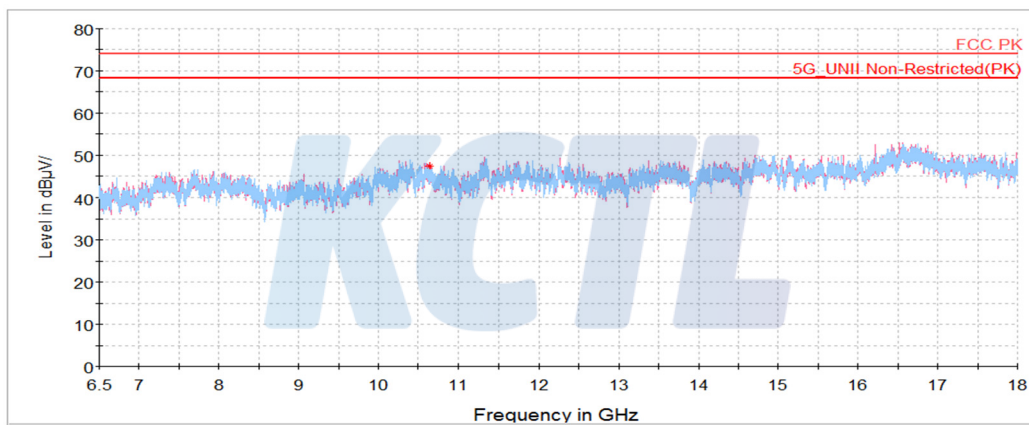
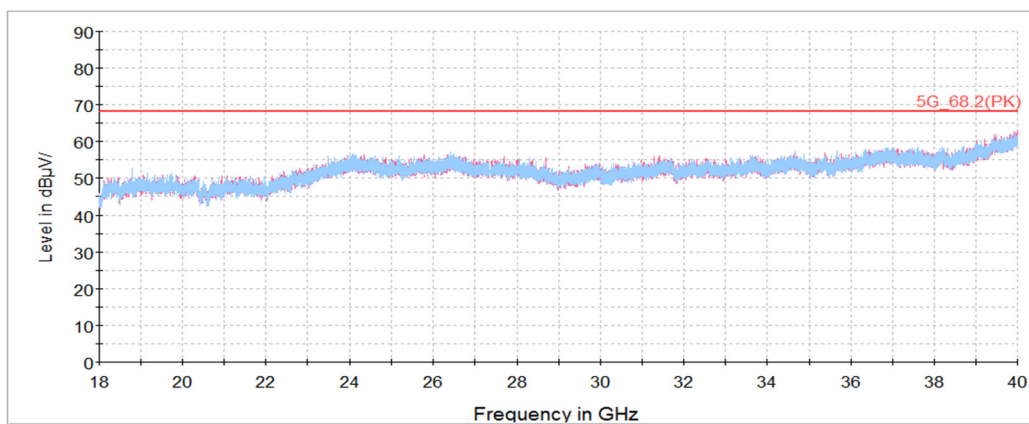
KCTL**Highest Channel (5 320 MHz)**

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								
2 470.05	V	71.27	32.08	-48.28	-	55.07	68.20	13.13
5 368.04 ¹⁾	V	43.06	34.34	-26.80	-	50.60	74.00	23.40
10 640.00 ¹⁾	H	58.84	37.48	-49.00	-	47.32	74.00	26.68
Average Data								
5 368.04 ¹⁾	V	30.57	34.34	-26.80	0.30	38.41	54.00	15.59

Average data**Average data**

Blank

Horizontal/Vertical for Band-edge

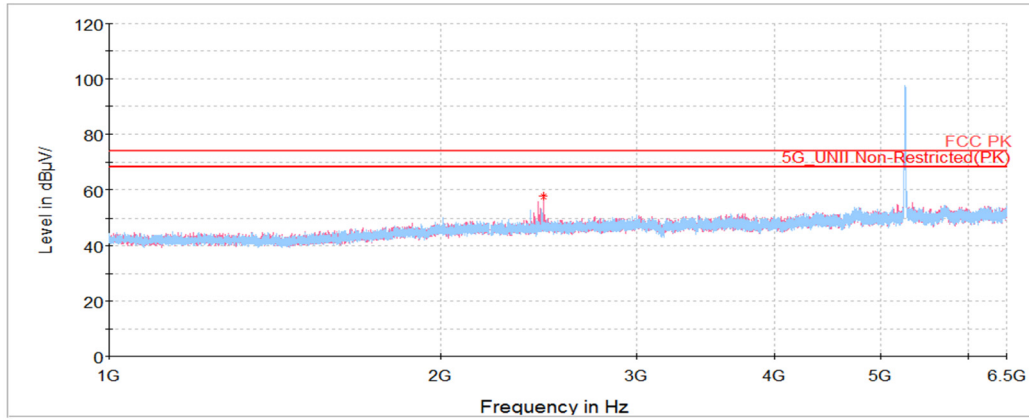
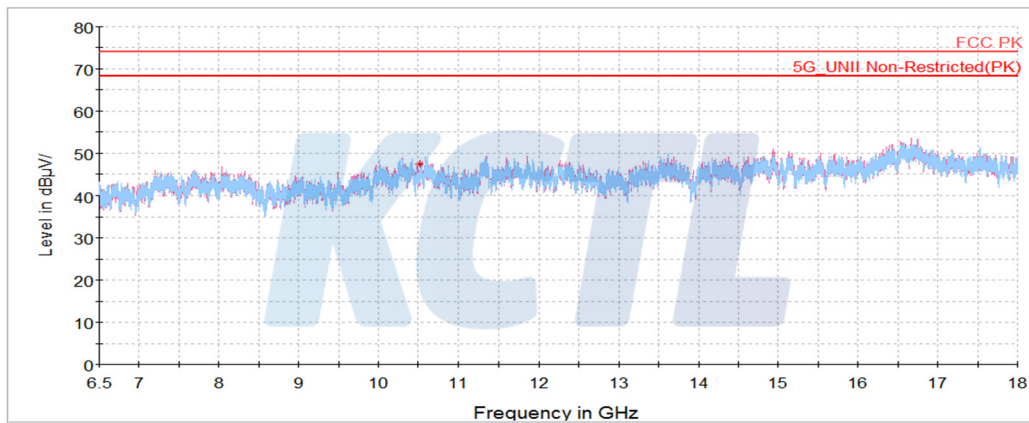
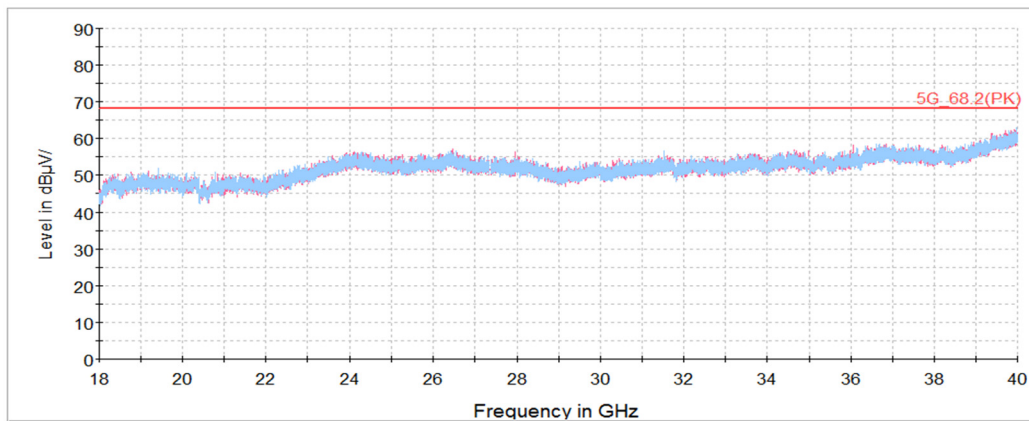
Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

802.11n HT20 UNII-2A

Lowest Channel (5 260 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								
2 470.91	V	73.87	32.08	-48.28	-	57.67	68.20	10.53
10 520.33	V	58.13	37.41	-48.21	-	47.33	68.20	20.87
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

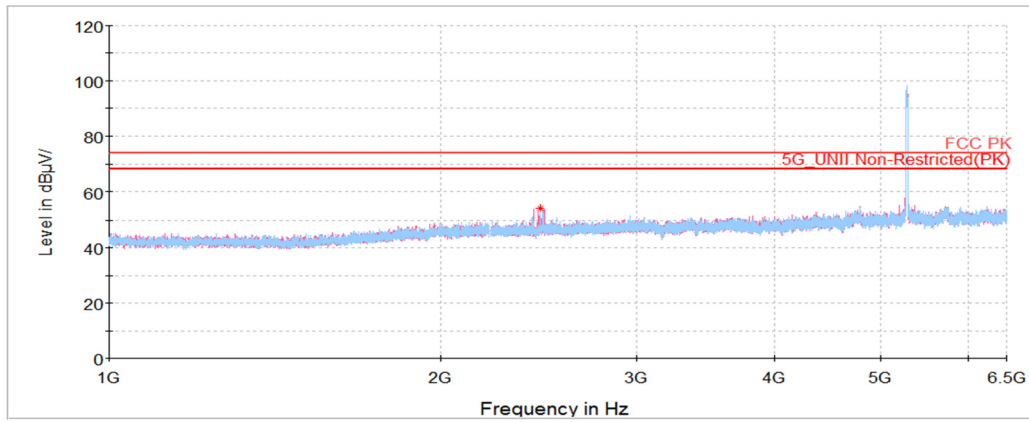
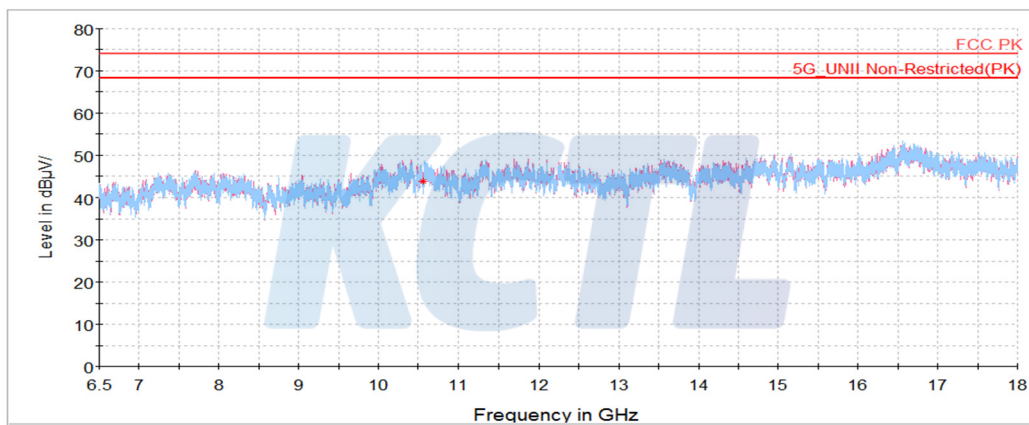
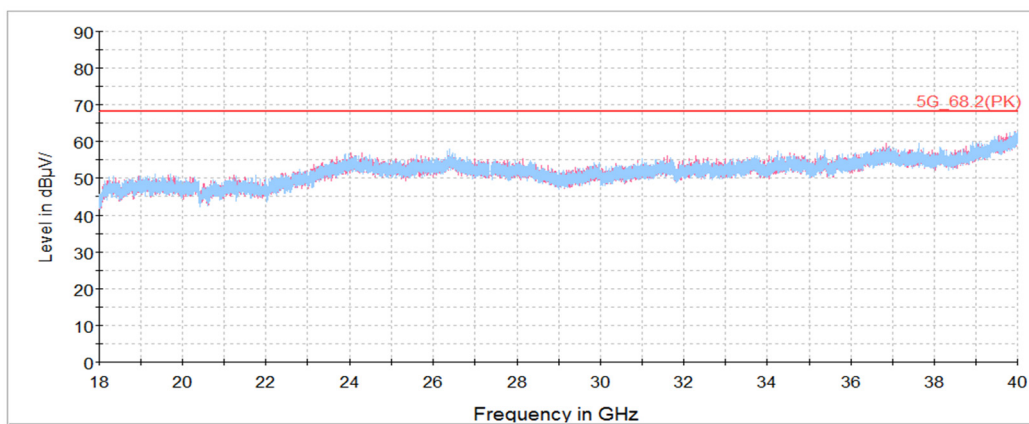


Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

Middle Channel (5 280 MHz)

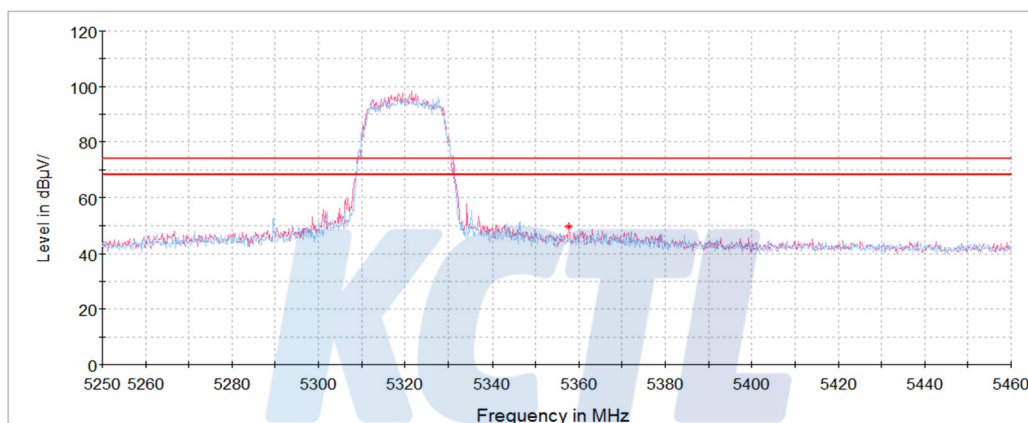
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data								
2 454.92	V	70.64	32.06	-48.39	-	54.31	68.20	13.89
10 560.94	H	54.80	37.44	-48.48	-	43.76	68.20	24.44
Average Data								
No spurious emissions were detected within 20 dB of the limit								

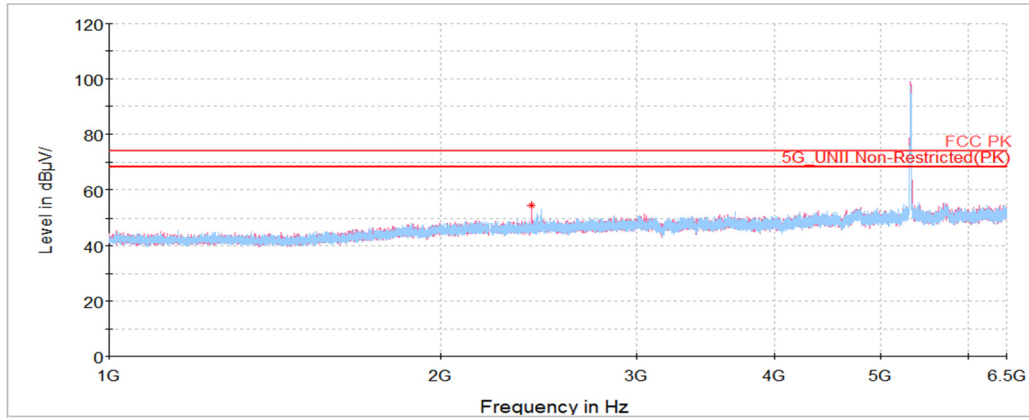
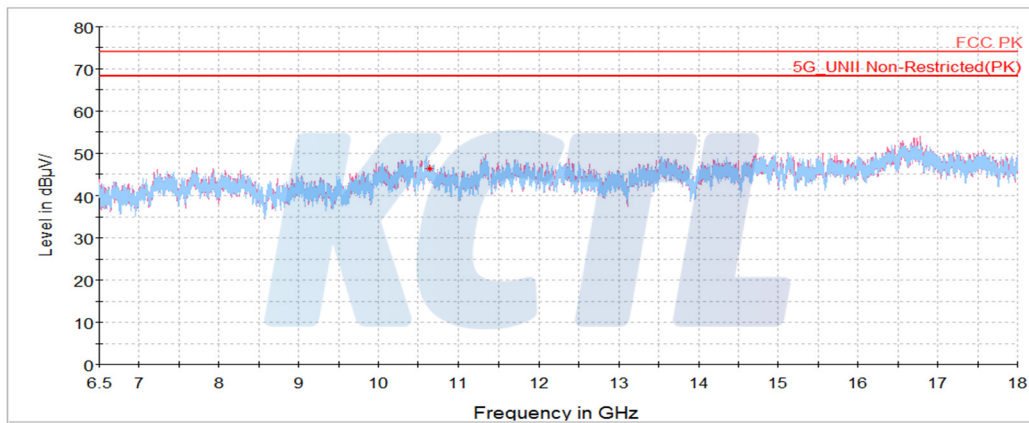
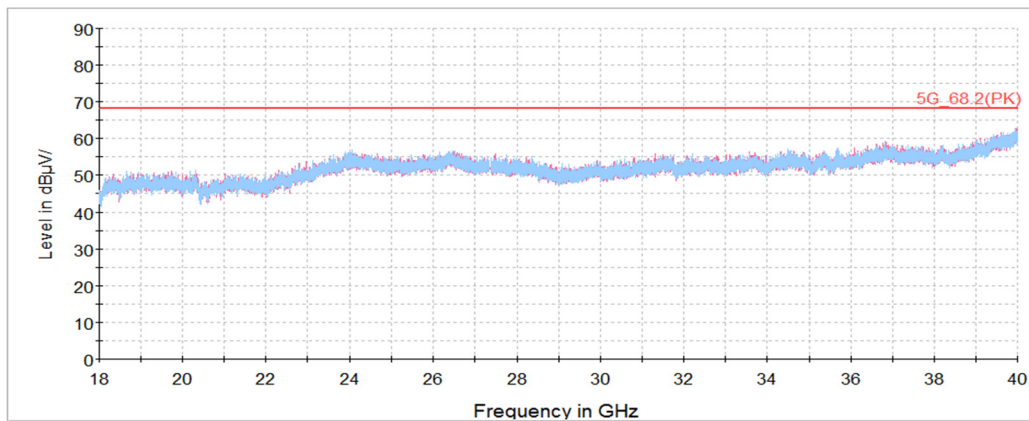


Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

Highest Channel (5 320 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								
2 411.95	V	71.31	32.03	-48.68	-	54.66	68.20	13.54
5 357.72 ¹⁾	V	42.27	34.33	-26.82	-	49.78	74.00	24.22
10 639.64 ¹⁾	V	57.78	37.48	-49.00	-	46.26	74.00	27.74
Average Data								
No spurious emissions were detected within 20 dB of the limit								

Horizontal/Vertical for Band-edge

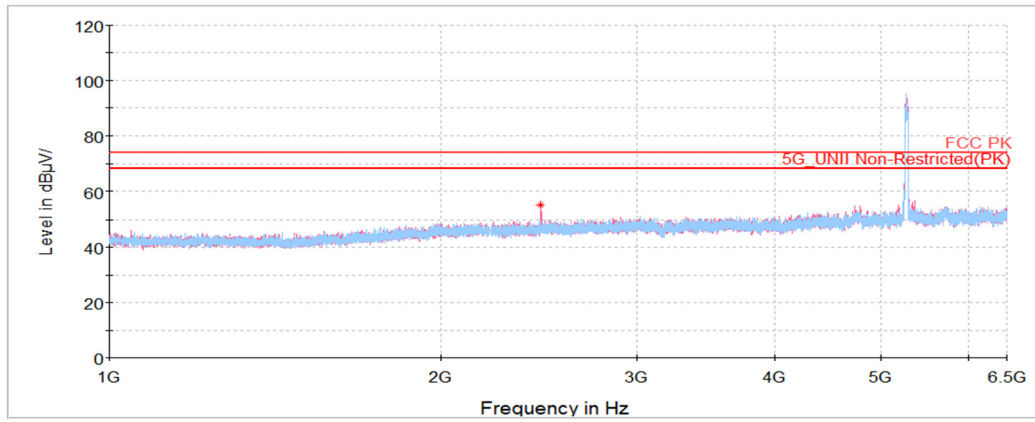
Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

802.11n HT40 UNII-2A

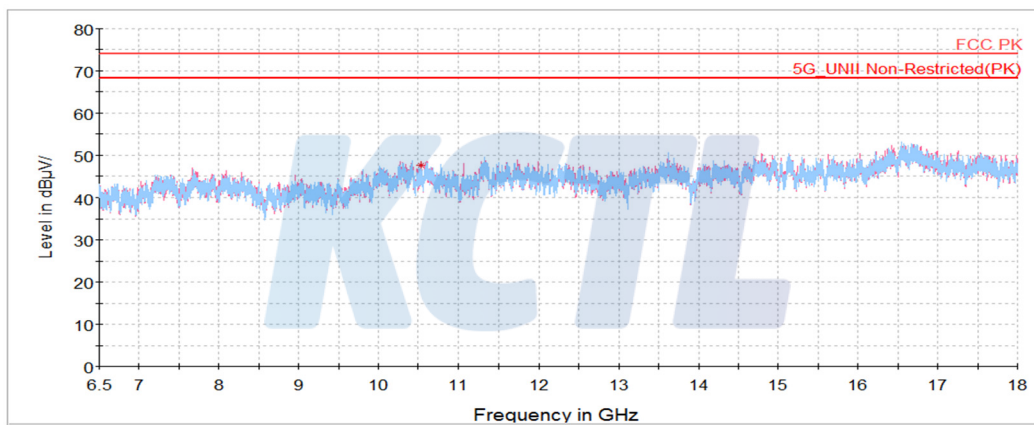
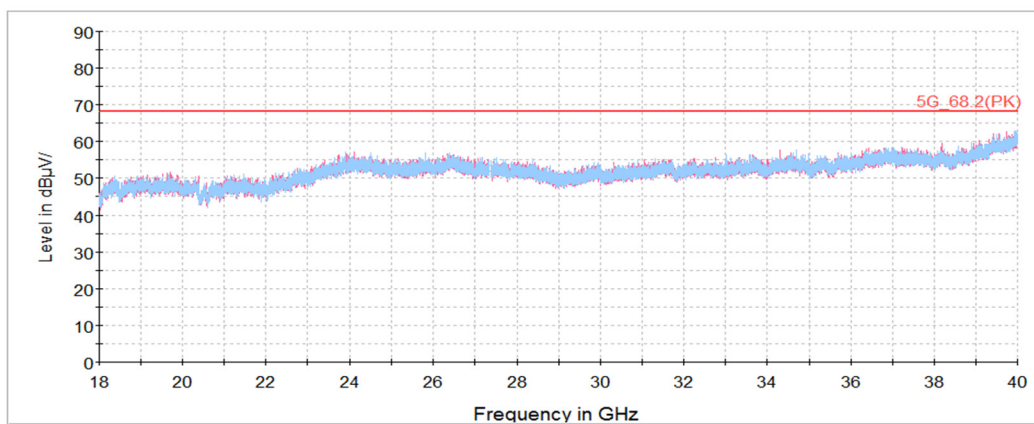
Lowest Channel (5 270 MHz)

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								
2 454.58	V	71.60	32.06	-48.39	-	55.27	68.20	12.93
10 540.45	H	58.59	37.42	-48.34	-	47.67	68.20	20.53
Average Data								
No spurious emissions were detected within 20 dB of the limit.								



Horizontal/Vertical for 1 GHz ~ 6.5 GHz

a

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

KCTL Inc.

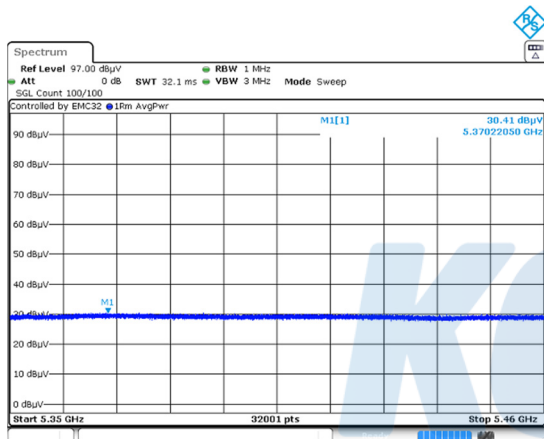
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TEL: 82-31-285-0894 FAX: 82-505-299-8311
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Report No.:
KR20-SRF0037

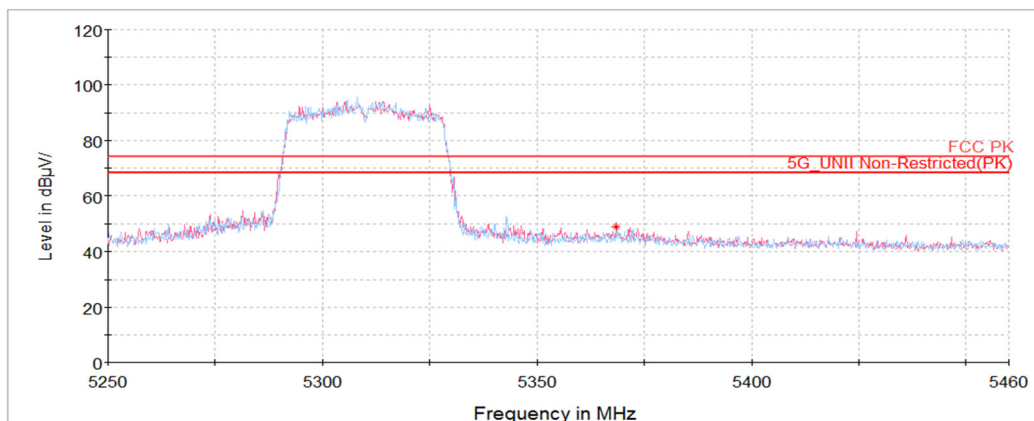
Page (127) of (206)

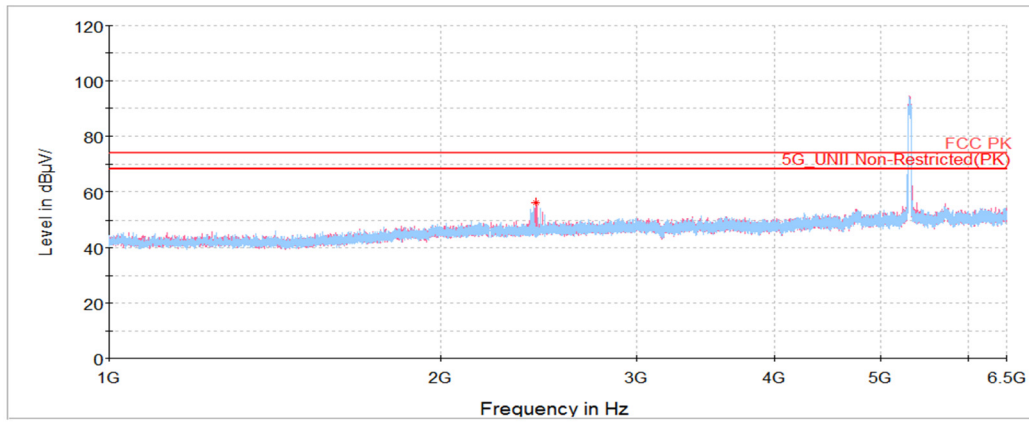
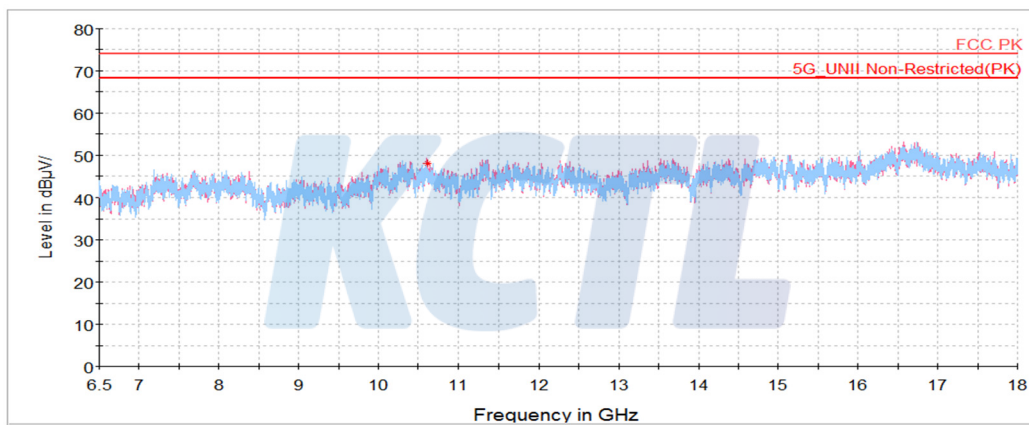
KCTL**Highest Channel (5 310 MHz)**

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								
2 430.34	V	72.73	32.04	-48.55	-	56.22	68.20	11.98
5 370.22 ¹⁾	V	41.45	34.34	-26.79	-	49.00	74.00	25.00
10 620.23 ¹⁾	V	59.51	37.47	-48.87	-	48.11	74.00	25.89
Average Data								
5 370.22 ¹⁾	V	30.41	34.34	-26.79	0.62	38.58	54.00	15.42

Average data**Average data**

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**