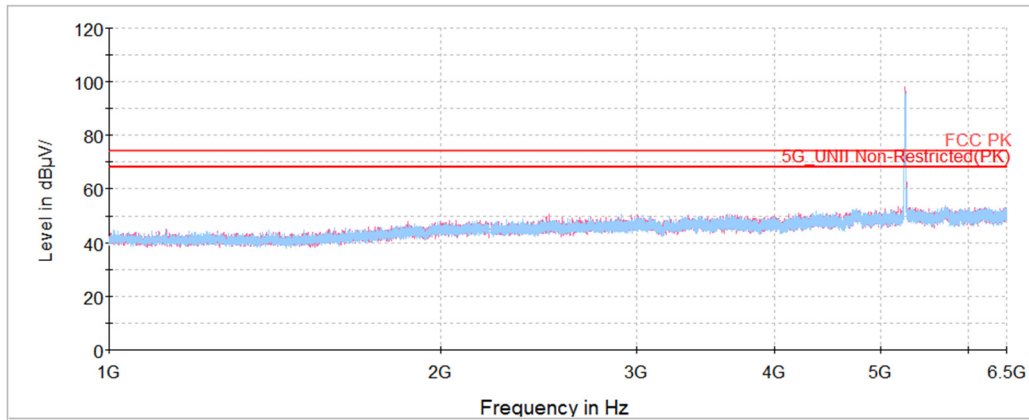
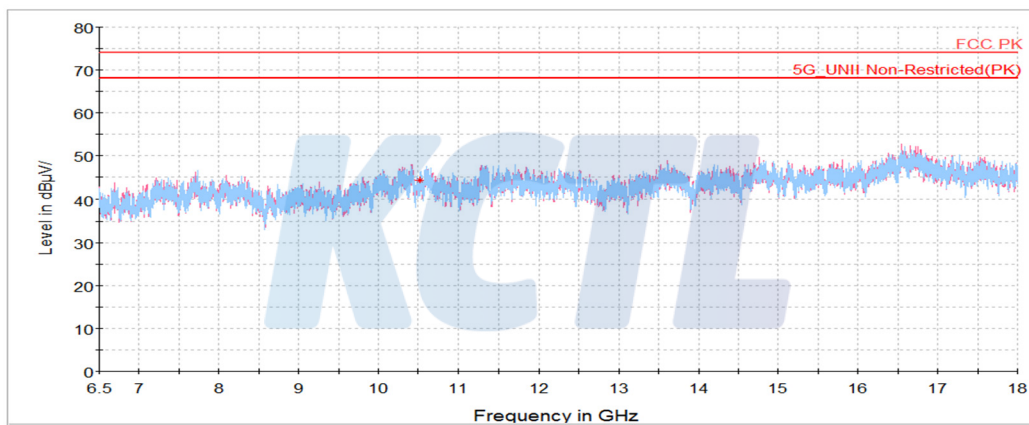
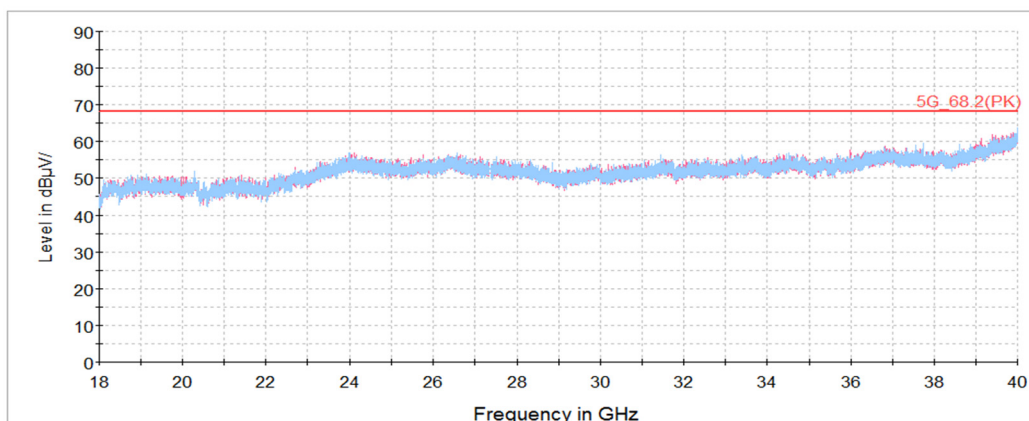


802.11ac VHT20 UNII-2A

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								
10519.97	H	55.05	37.41	-48.21		44.25	68.20	23.95
Average Data								
No spurious emissions were detected within 20 dB of the limit								

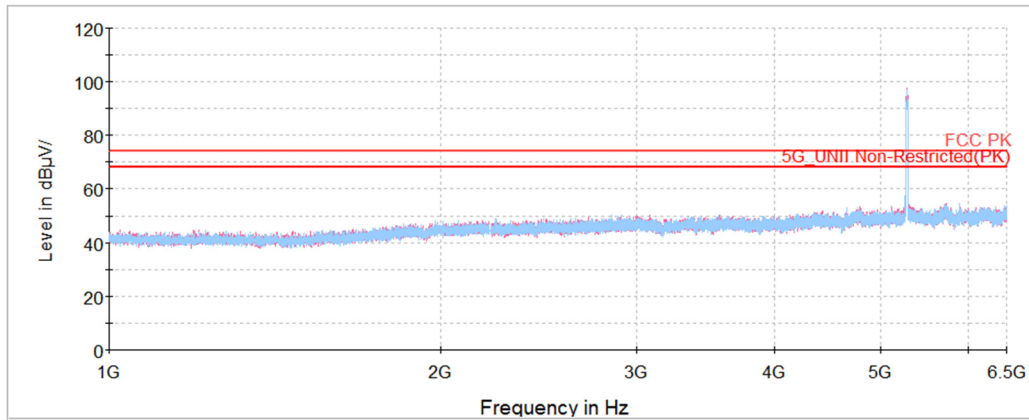
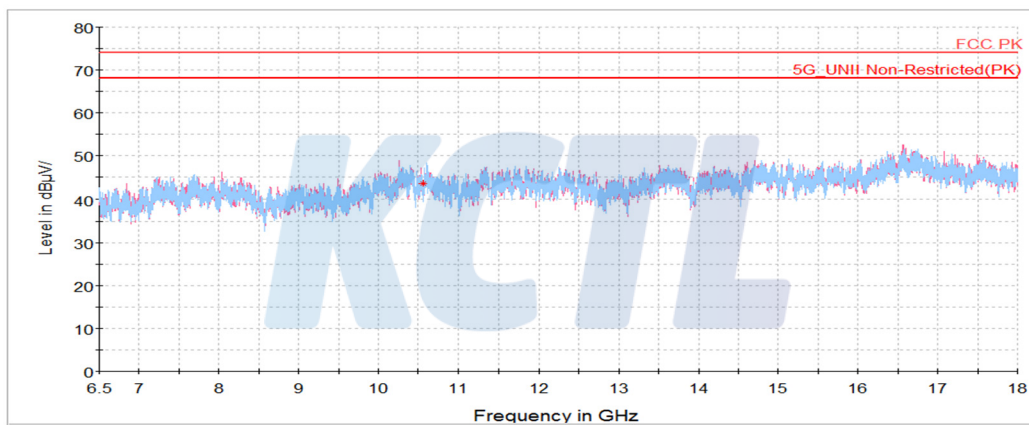
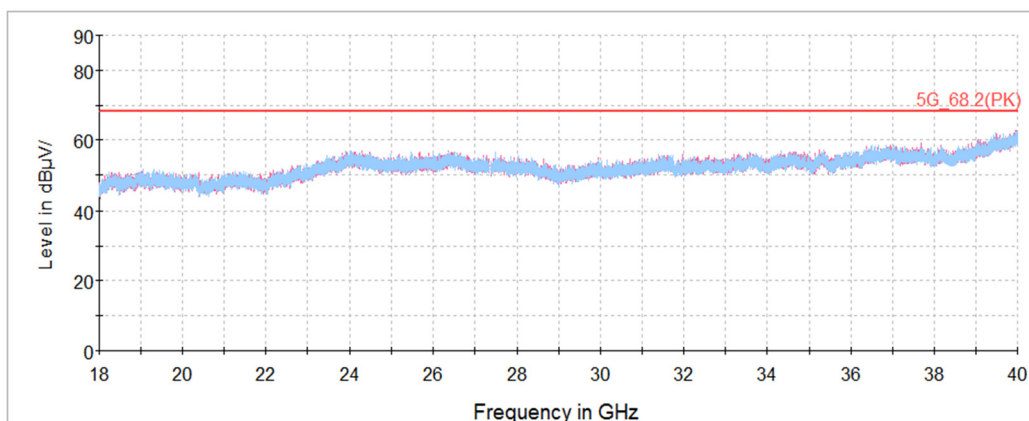
KCTL

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)

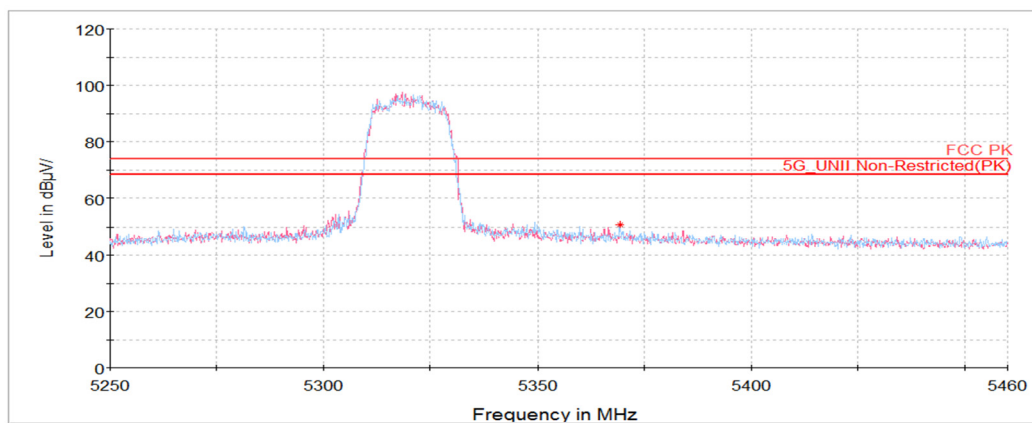
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 560.22	H	54.56	37.44	-48.47	-	43.53	68.20	24.67
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

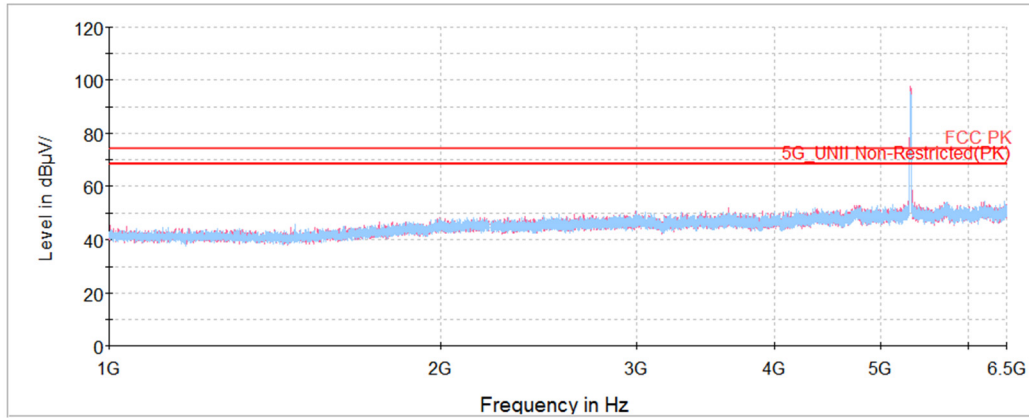
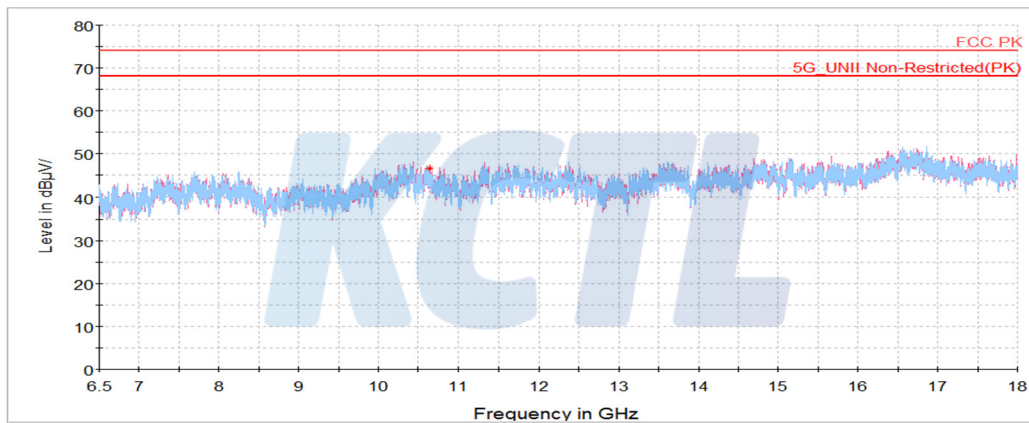
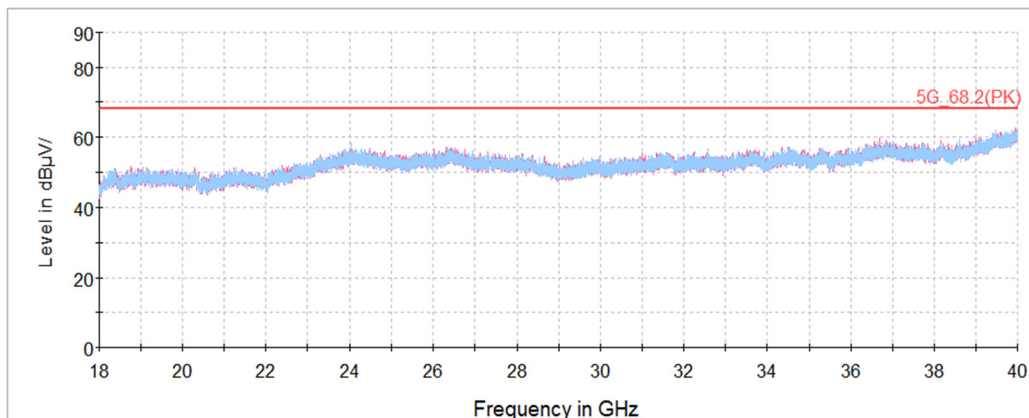


Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

Highest Channel (5 320 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 350.28 ¹⁾	H	43.20	34.32	-26.84	-	50.68	74.00	23.32
10 639.28 ¹⁾	V	58.20	37.48	-49.00	-	46.68	74.00	27.32
Average Data								
5 350.28 ¹⁾	H	33.53	34.32	-26.84	0.32	41.33	54.00	12.67

Average data**Average data****Horizontal/Vertical for Band-edge**

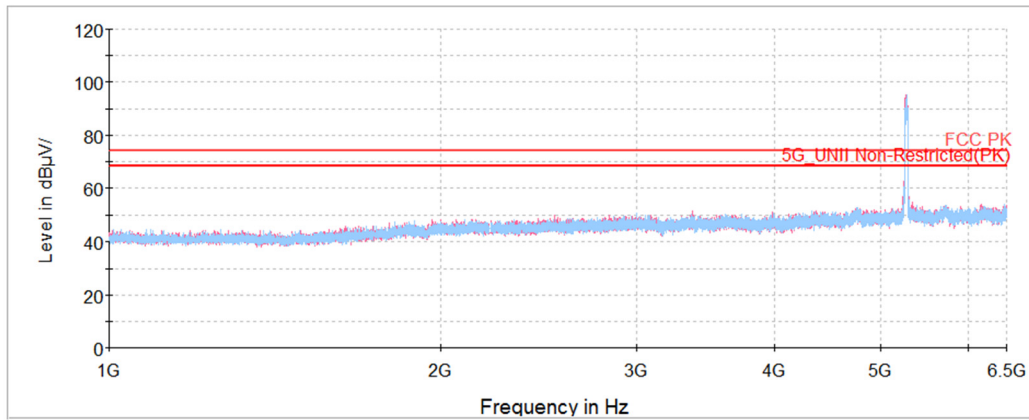
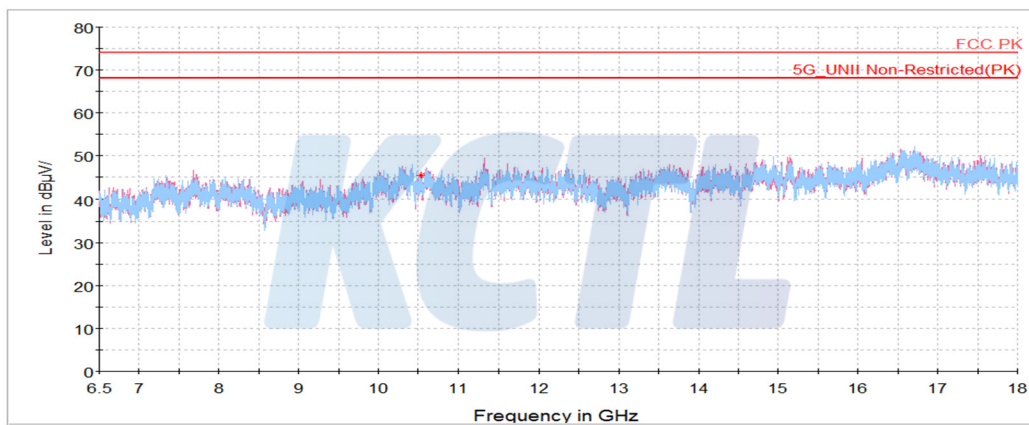
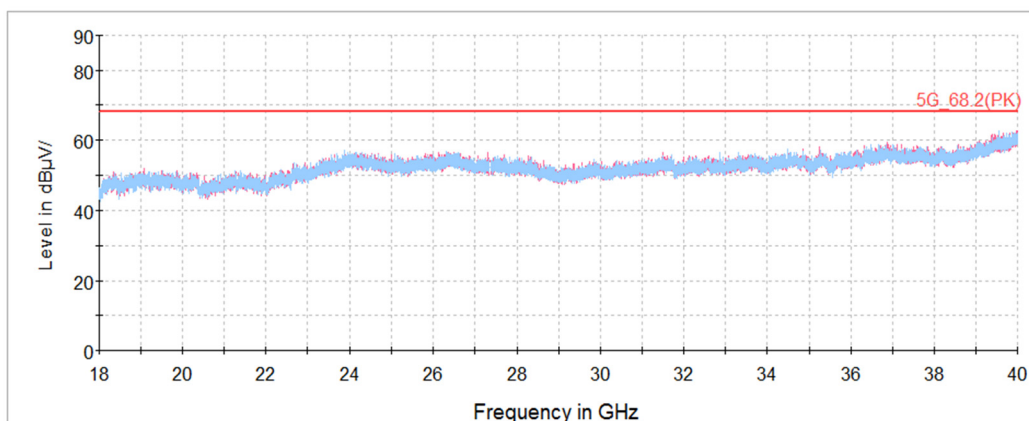
Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

802.11ac VHT40 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								
10 539.73	H	56.44	37.42	-48.34	-	45.52	68.20	22.68
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**

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-SRF0044

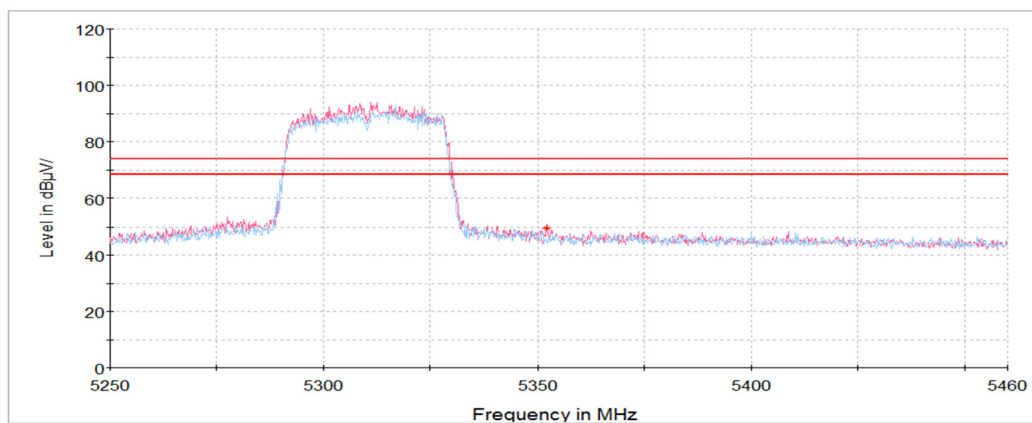
Page (135) of (203)

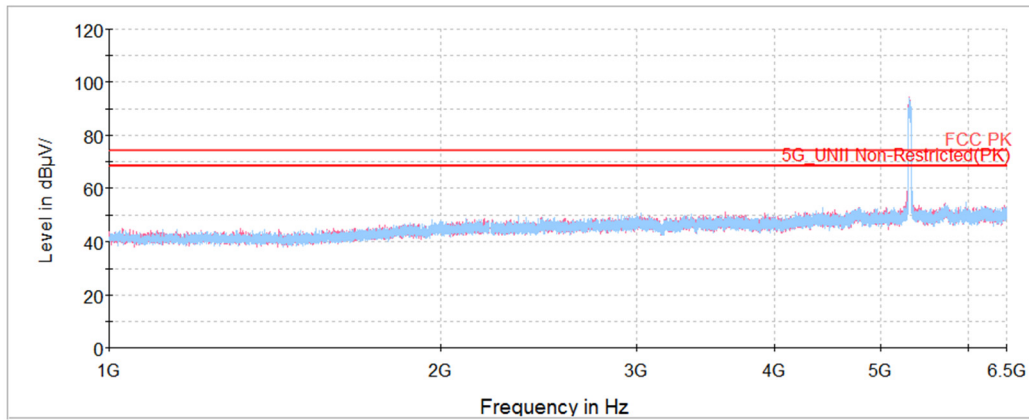
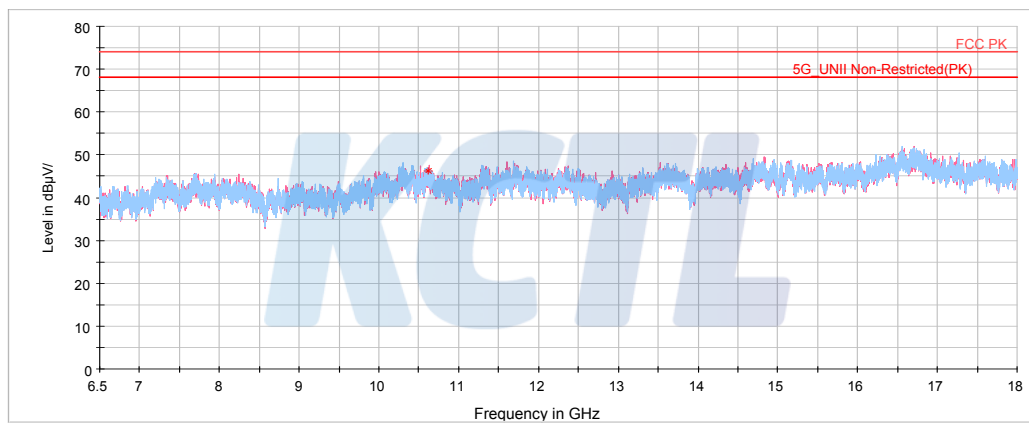
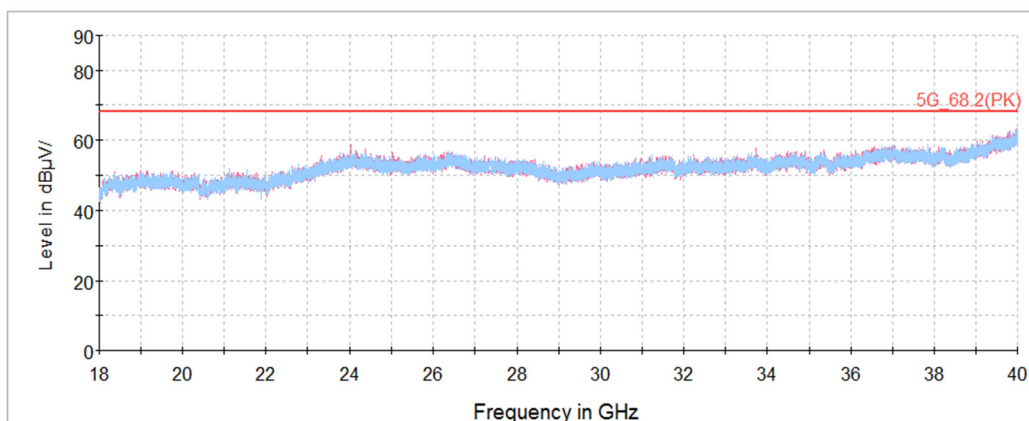
KCTL**Highest Channel (5 310 MHz)**

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								
5 367.39 ¹⁾	V	41.97	34.34	-26.80	-	49.51	74.00	24.49
10 619.88 ¹⁾	H	57.62	37.47	-48.87	-	46.22	74.00	27.78
Average Data								
5 367.39 ¹⁾	V	32.92	34.34	-26.80	0.65	41.11	54.00	12.89

Average data**Average data**

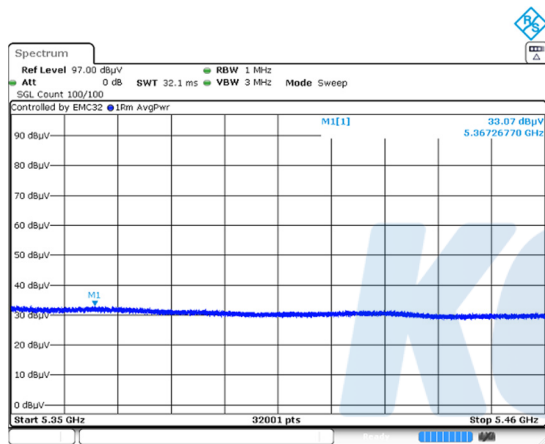
Blank

Horizontal/Vertical for Band-edge

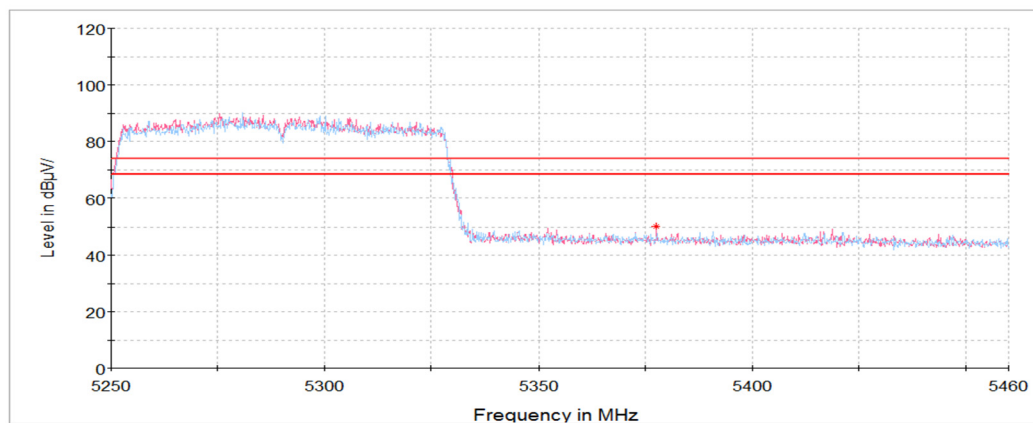
Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

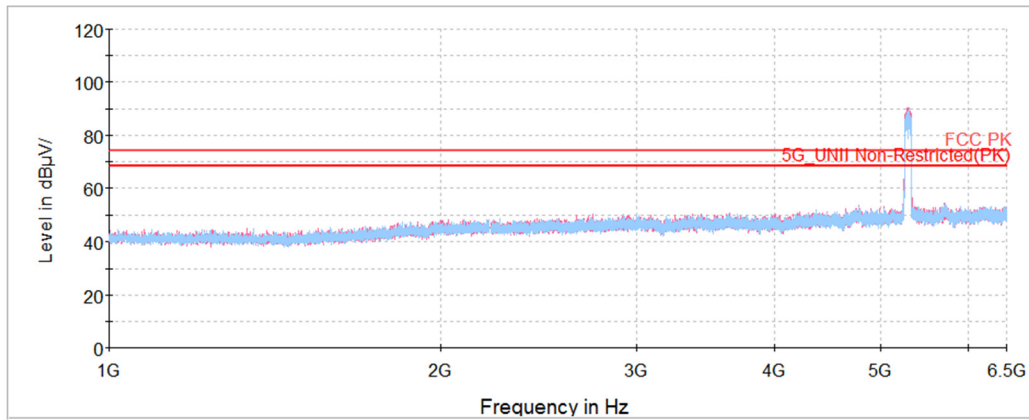
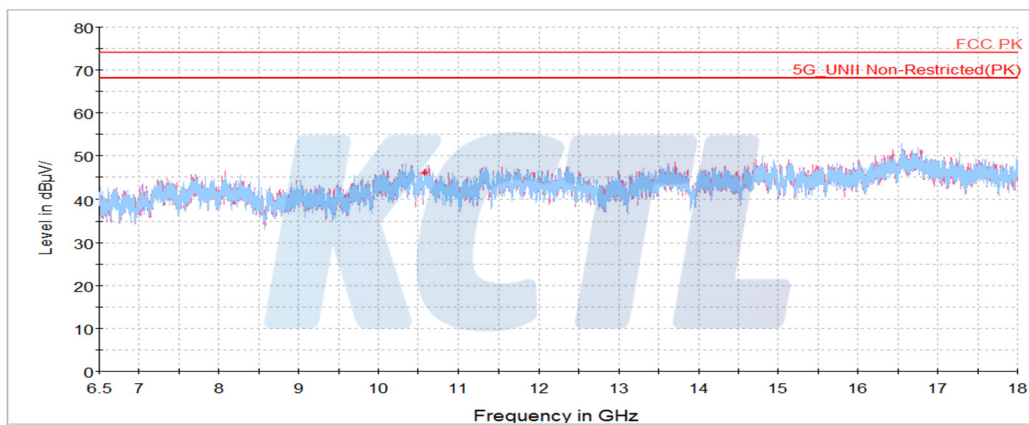
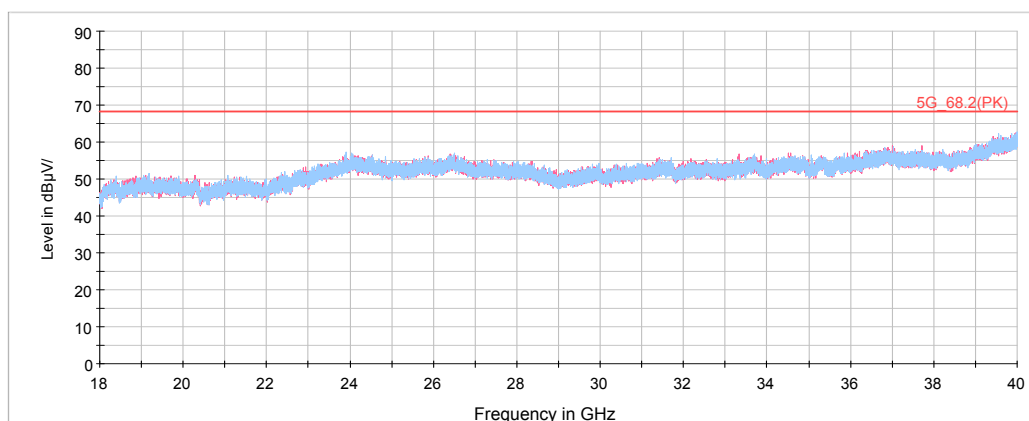
802.11ac VHT80 UNII-2A**Lowest Channel (5 290 MHz)**

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								
5 367.27 ¹⁾	V	42.53	34.34	-26.80	-	50.07	74.00	23.93
10 580.34	H	57.16	37.45	-48.61	-	46.00	68.20	22.20
Average Data								
5 367.27 ¹⁾	V	33.07	34.34	-26.80	1.13	41.74	54.00	12.26

Average data**Average data**

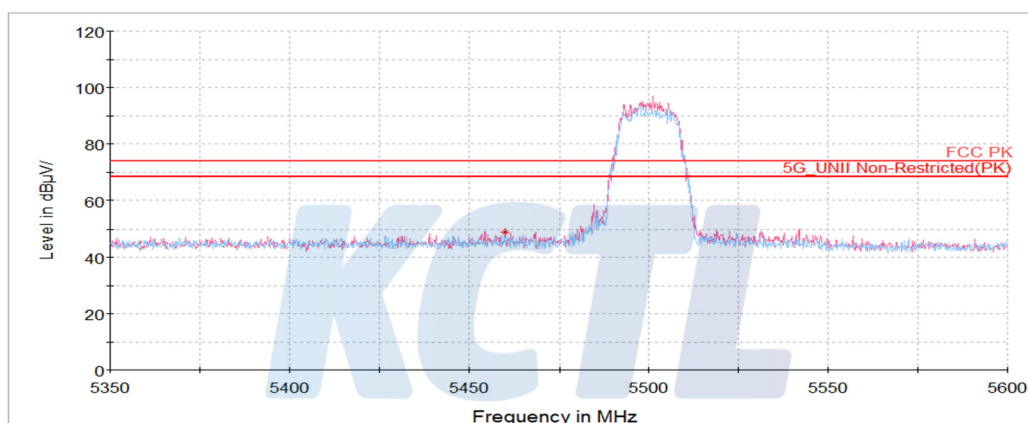
Blank

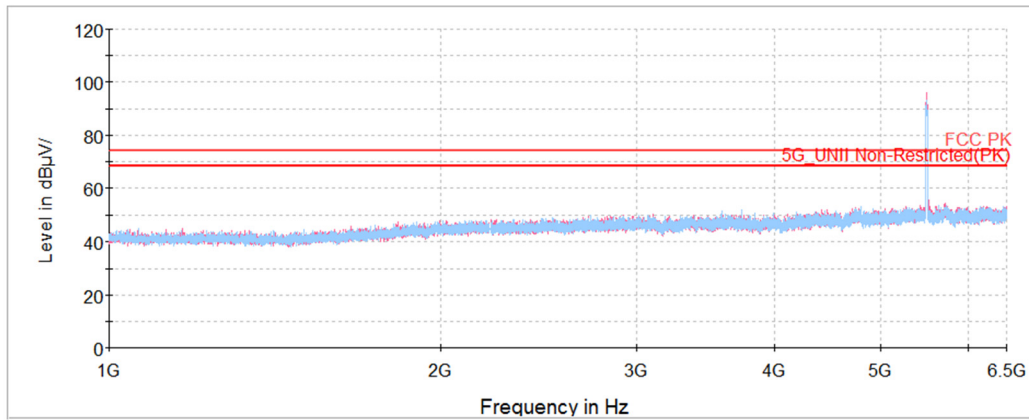
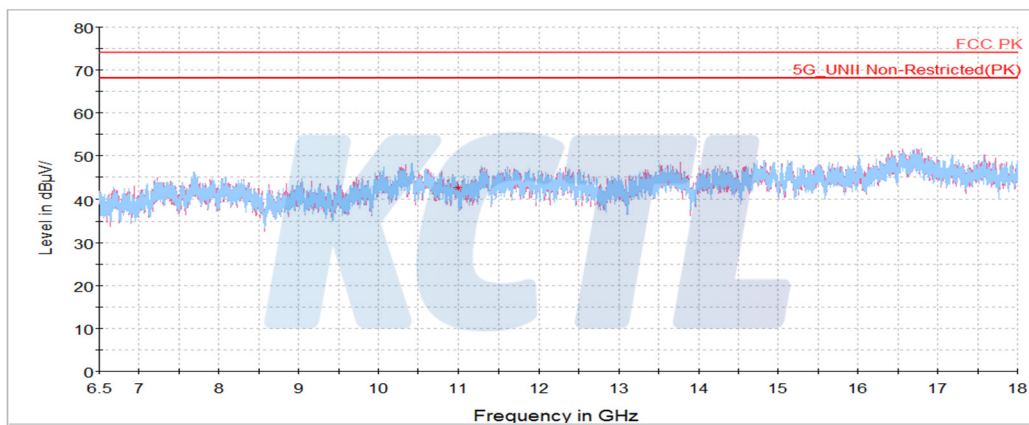
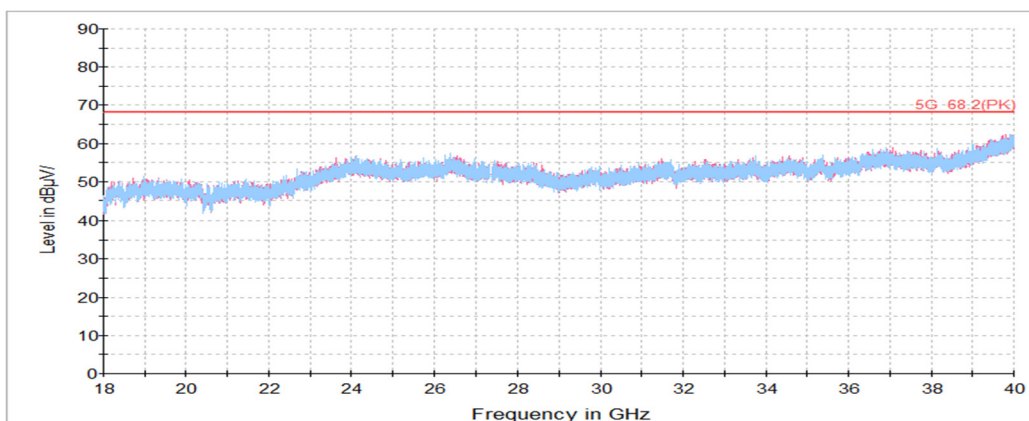
Horizontal/Vertical for Band-edge

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

802.11a UNII-2C**Lowest Channel (5 500 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								
5 459.81 ¹⁾	V	41.97	34.45	-27.35	-	49.07	74.00	24.93
11 000.45 ¹⁾	H	56.28	37.70	-51.38	-	42.60	74.00	31.40
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

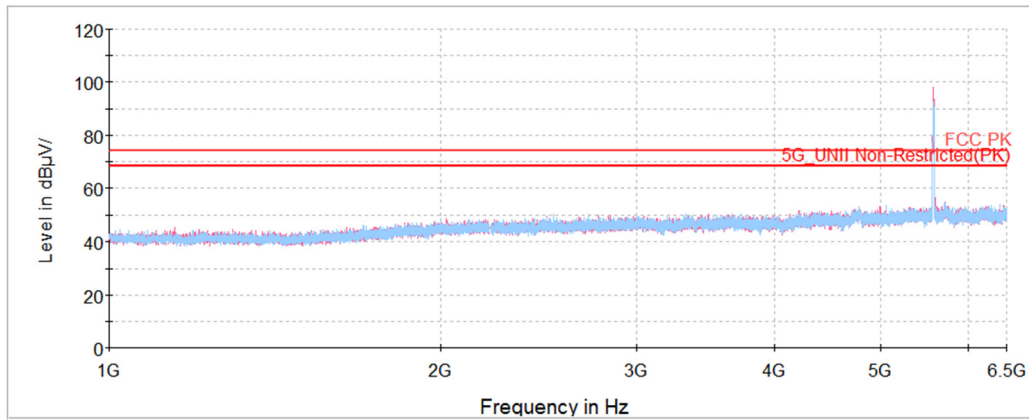
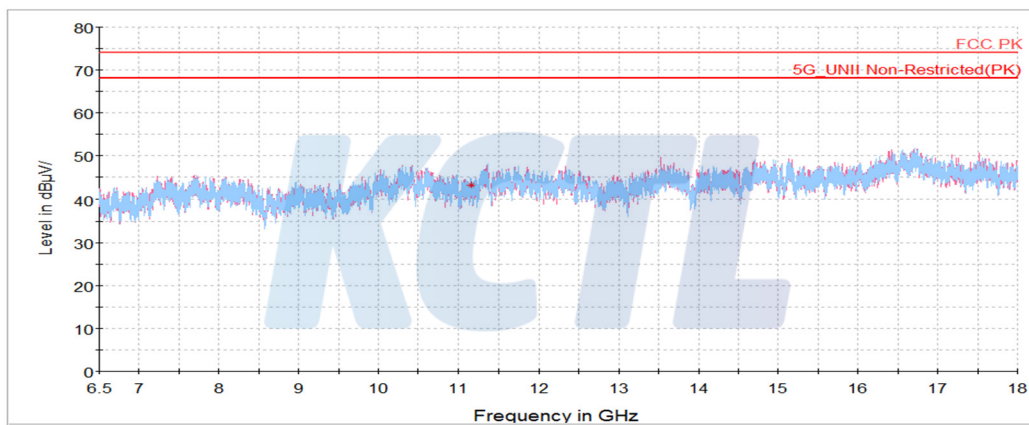
Horizontal/Vertical for Band-edge

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 (5 580 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								
11 160.38 ¹⁾	V	55.61	37.86	-50.34	-	43.13	74.00	30.87
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**