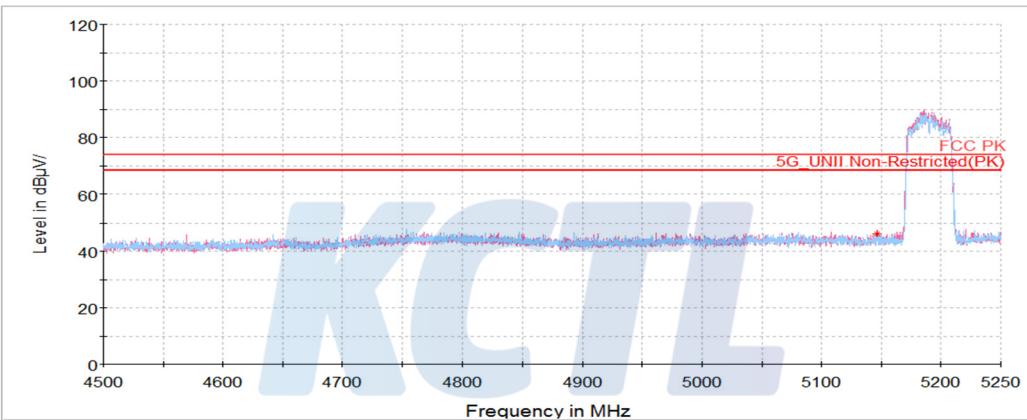
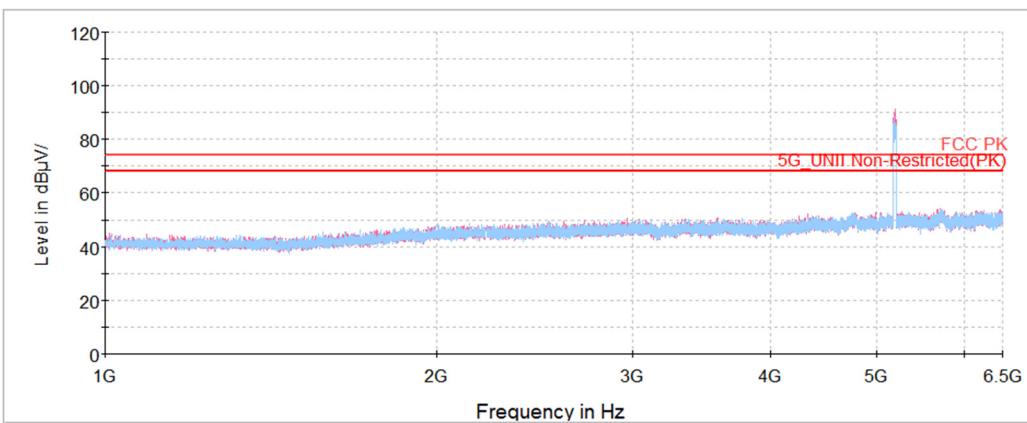
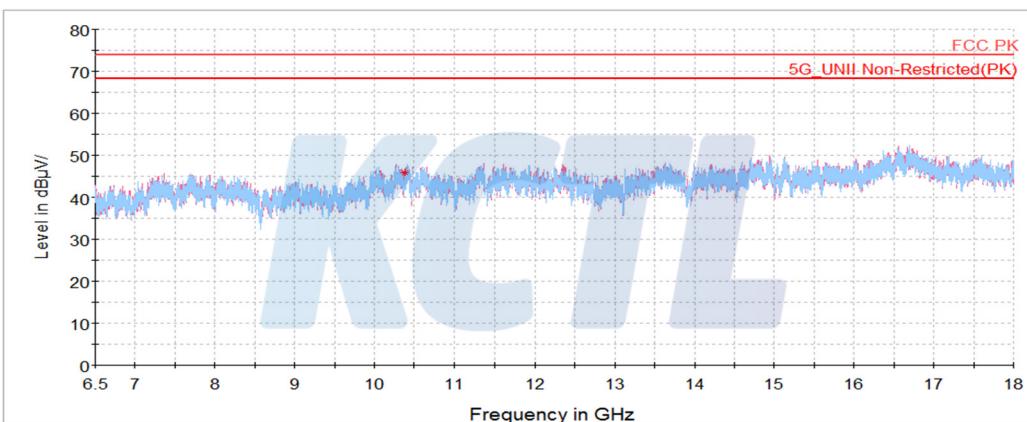
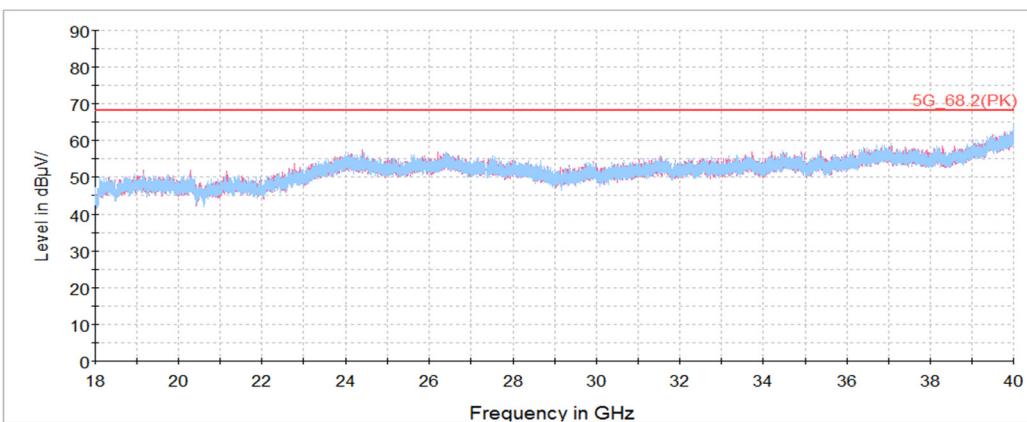


**802.11n HT40 UNII-1****Lowest Channel (5 190 MHz)**

Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu$ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB( $\mu$ V/m))	Limit (dB( $\mu$ V/m))	Margin (dB)
<b>Peak data</b>								
5 146.83 <sup>1)</sup>	V	39.19	34.08	-27.10	-	46.17	74.00	27.83
10 380.53	H	57.14	37.33	-48.76	-	45.71	68.20	22.49
<b>Average Data</b>								
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**

**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](http://www.kctl.co.kr)

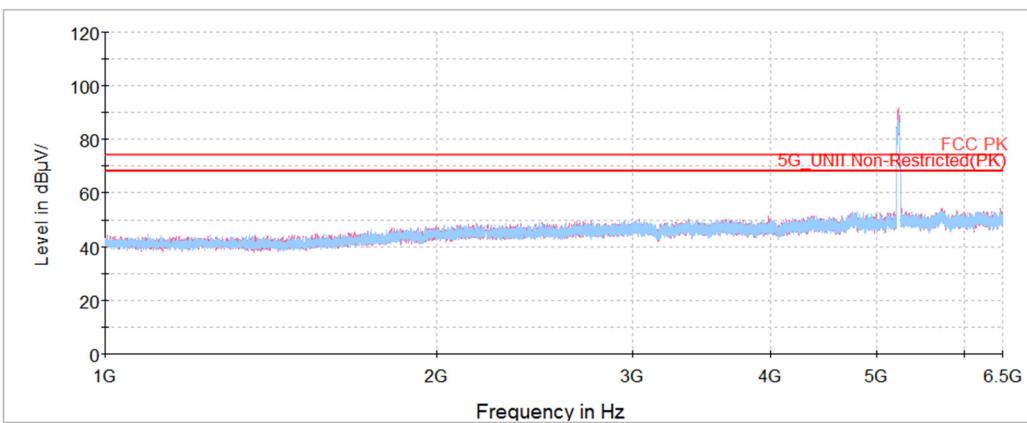
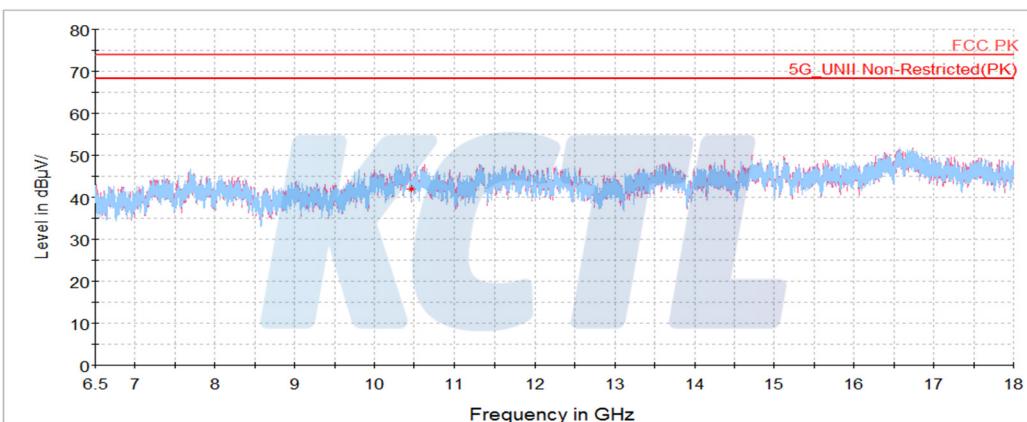
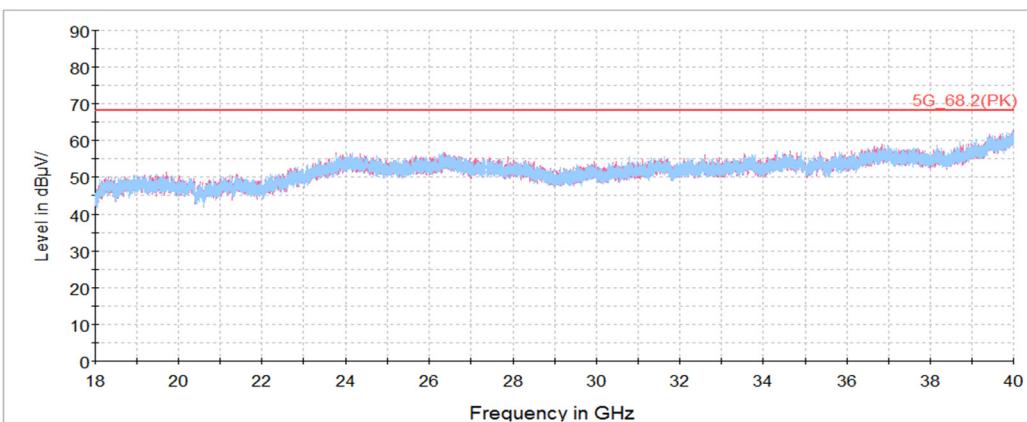
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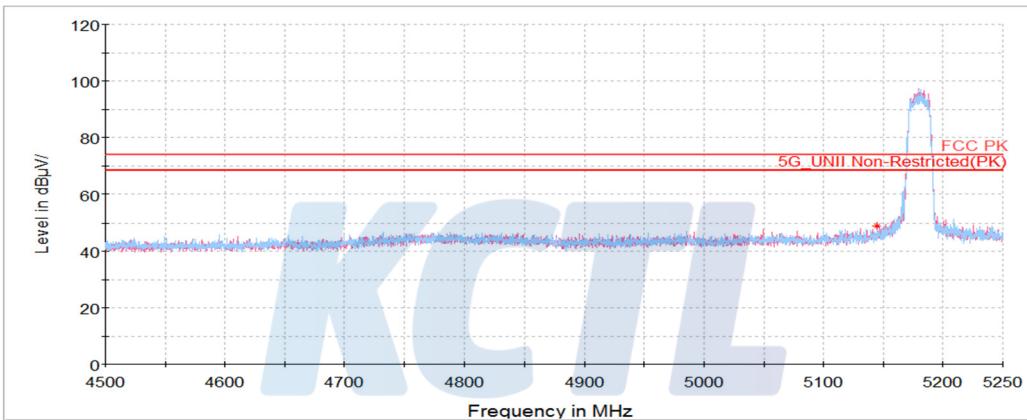
**Highest Channel (5 230 MHz)**

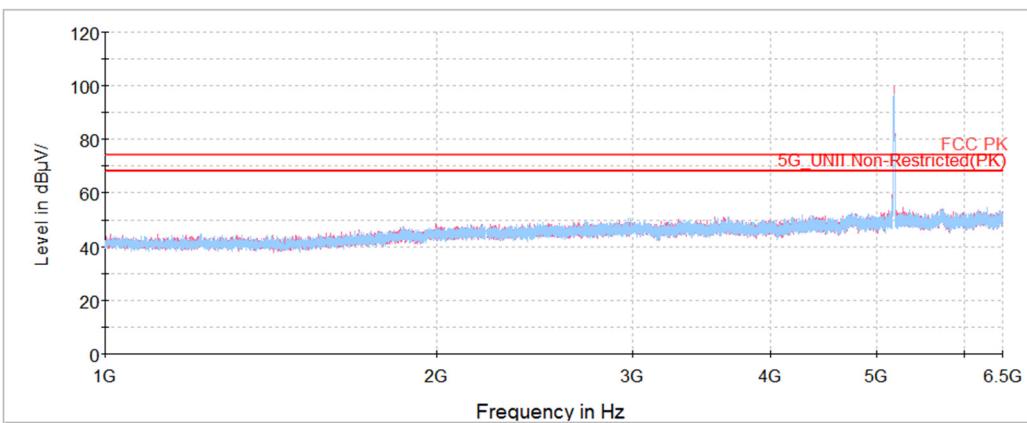
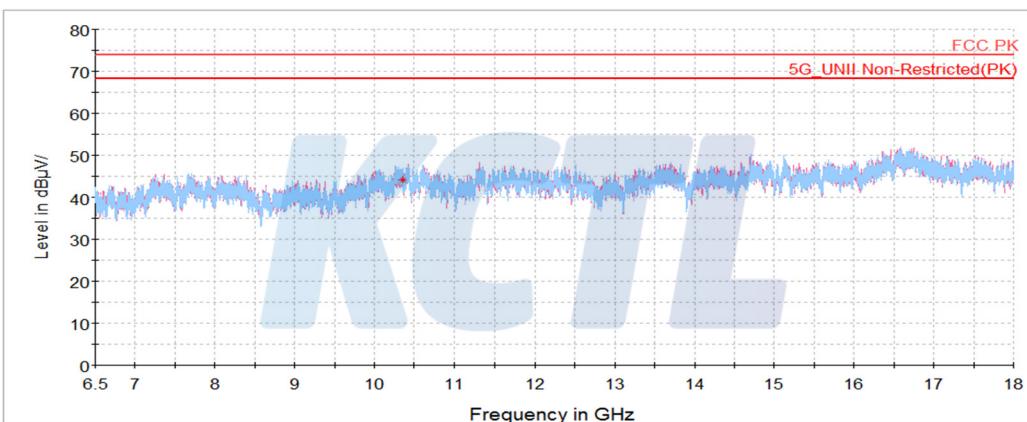
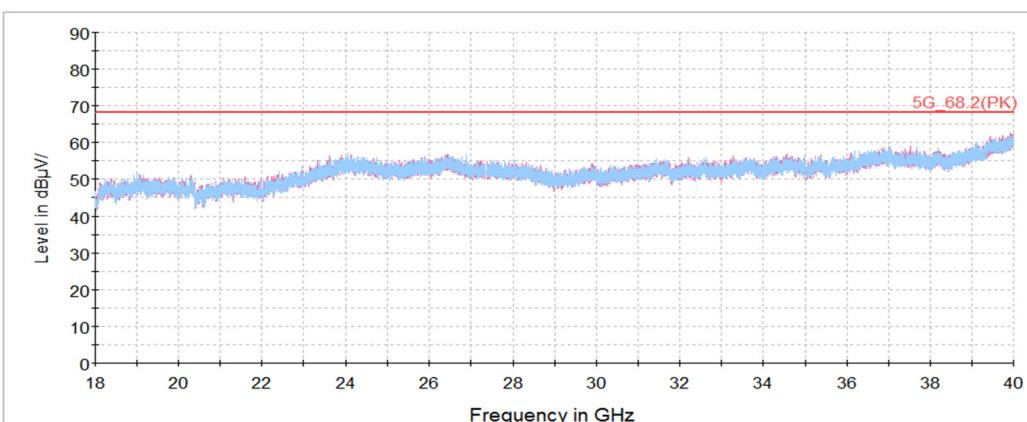
Frequency (MHz)	Pol.	Reading (dB( $\mu$ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF	Result (dB( $\mu$ V/m))	Limit (dB( $\mu$ V/m))	Margin (dB)
<b>Peak data</b>								
10 460.67	H	52.78	37.38	-48.30	-	41.86	68.20	26.34
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

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

**802.11ac VHT20 UNII-1****Lowest Channel (5 180 MHz)**

Frequency (MHz)	Pol.	Reading (dB( $\mu$ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB( $\mu$ V/m))	Limit (dB( $\mu$ V/m))	Margin (dB)
<b>Peak data</b>								
5 144.59 <sup>1)</sup>	V	41.97	34.07	-27.08	-	48.96	74.00	25.04
10 360.41	V	55.61	37.32	-48.87	-	44.06	68.20	24.14
<b>Average Data</b>								
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**

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[www.kctl.co.kr](http://www.kctl.co.kr)

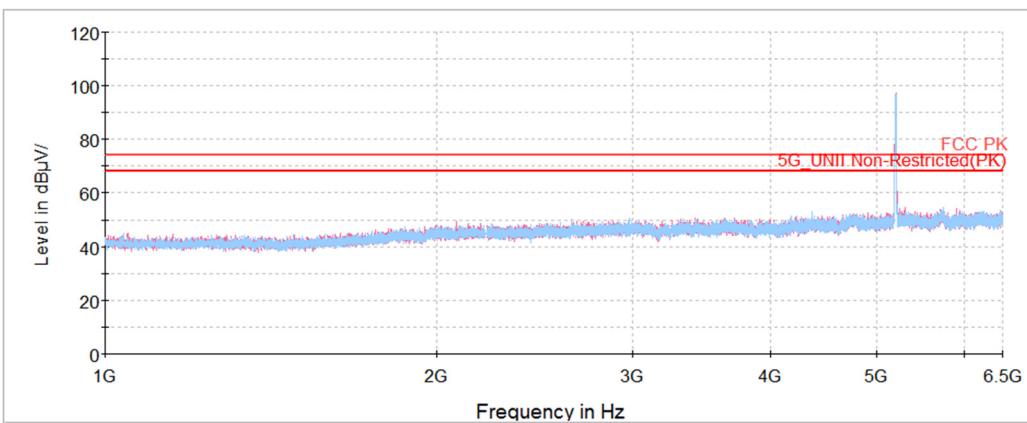
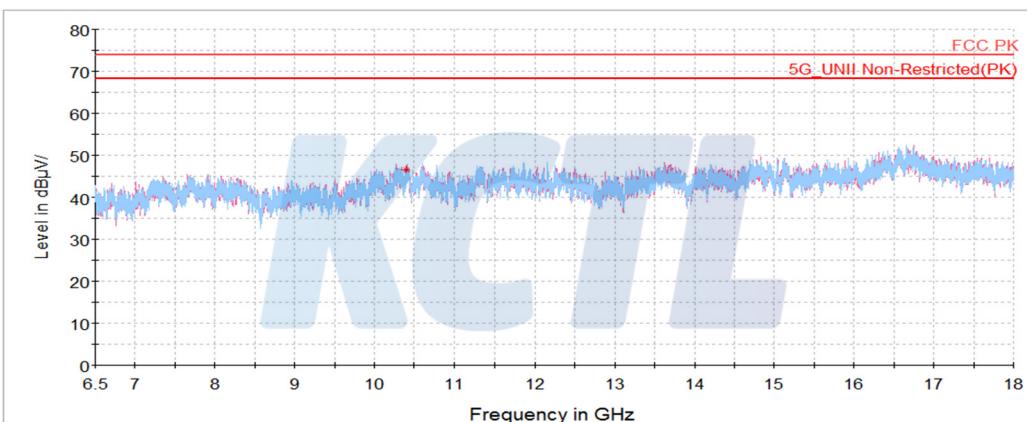
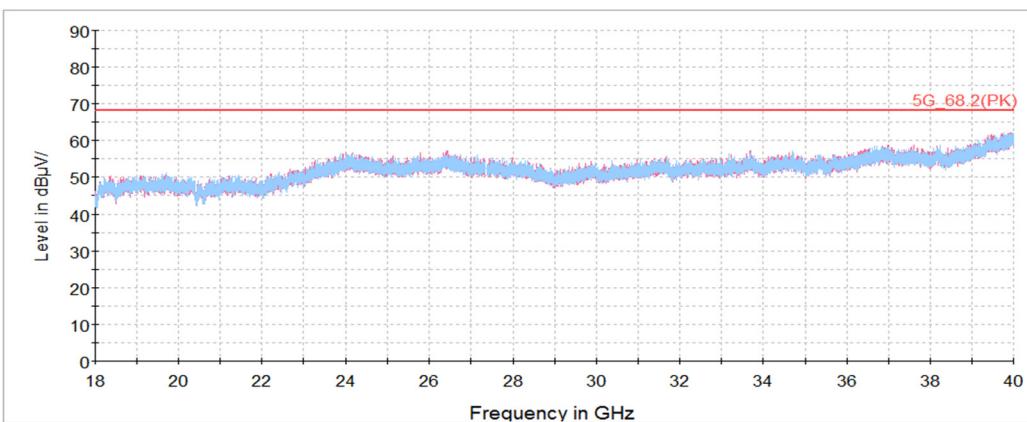
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**Middle Channel (5 200 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu$ V))	(dB)	(dB)	(dB)	(dB( $\mu$ V/m))	(dB( $\mu$ V/m))	(dB)
<b>Peak data</b>								
10 400.30	V	57.78	37.34	-48.64	-	46.48	68.20	21.72
<b>Average Data</b>								
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**

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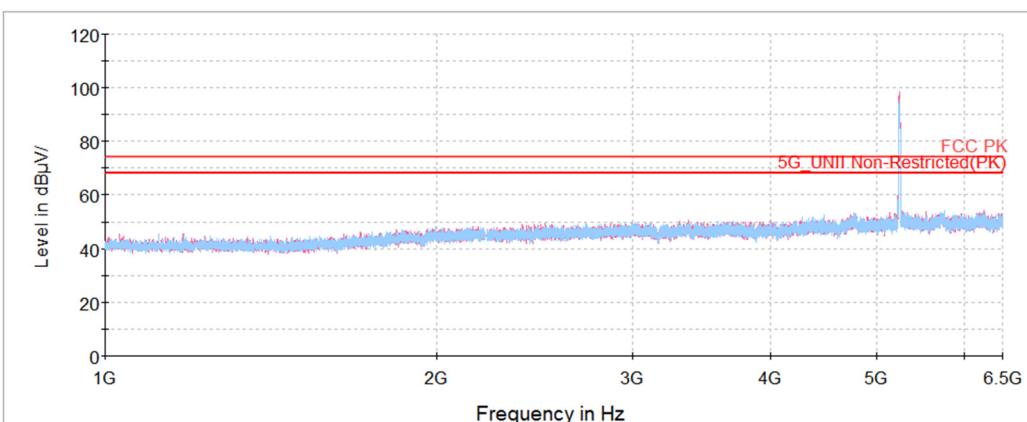
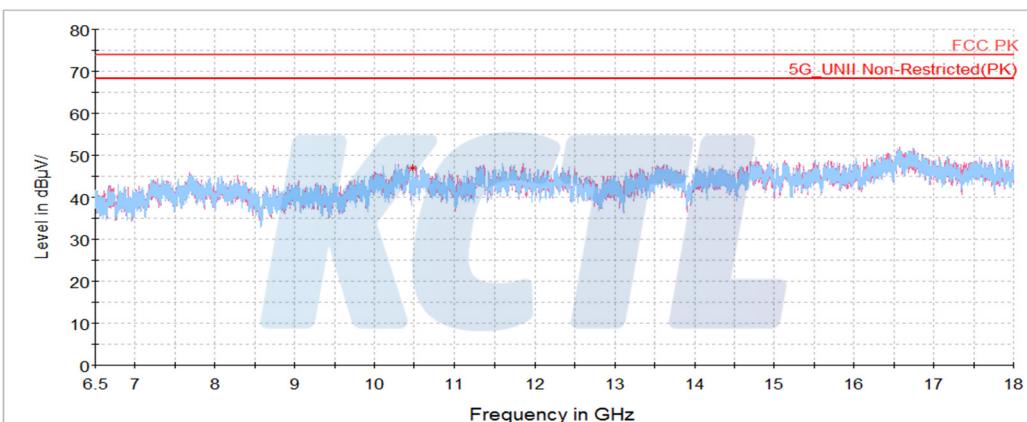
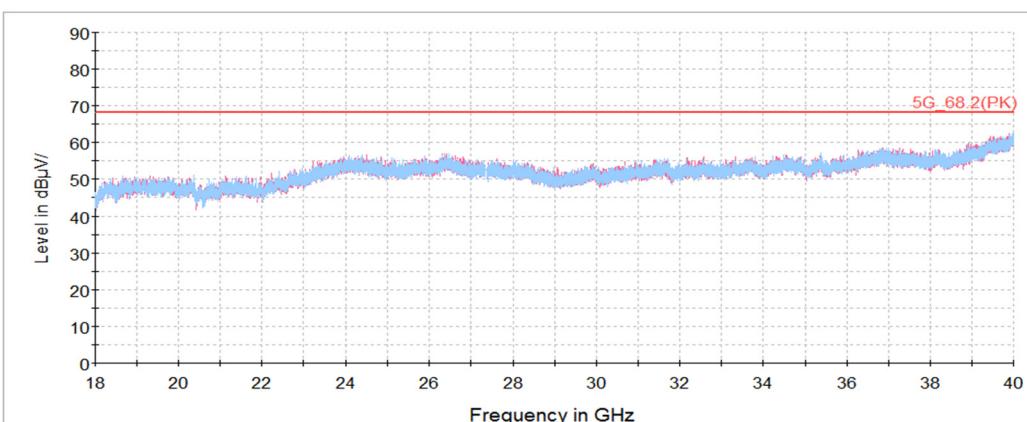
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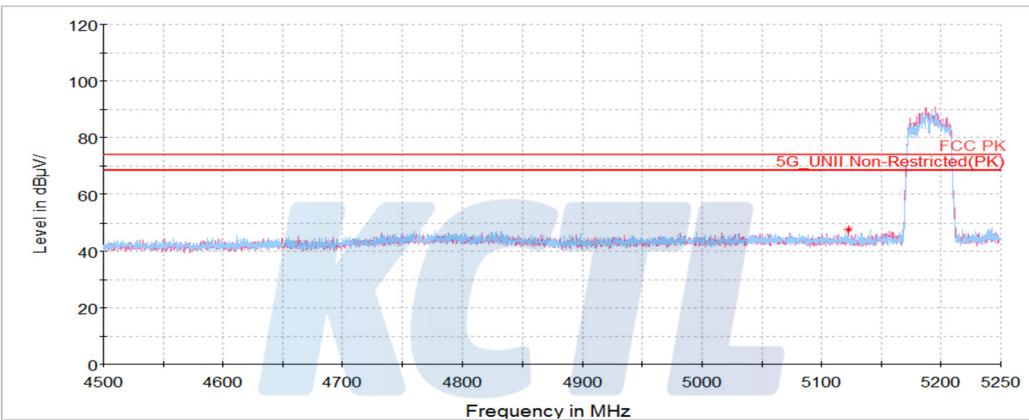
**Highest Channel (5 240 MHz)**

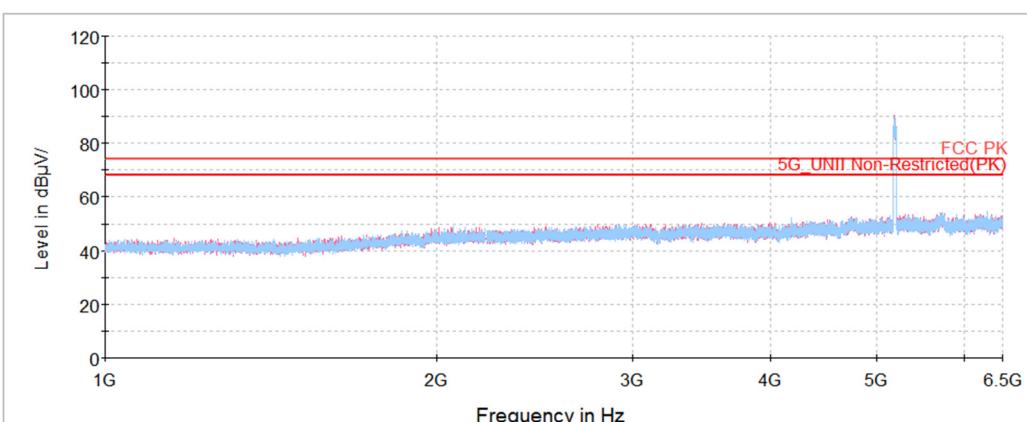
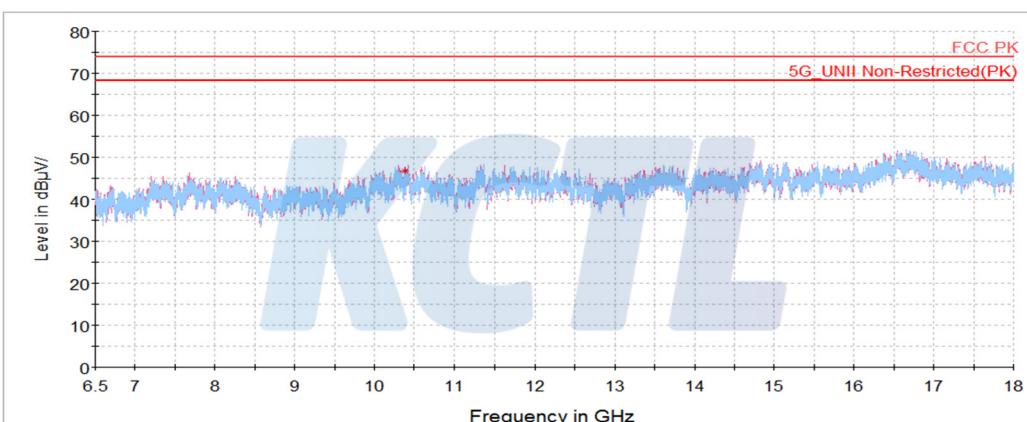
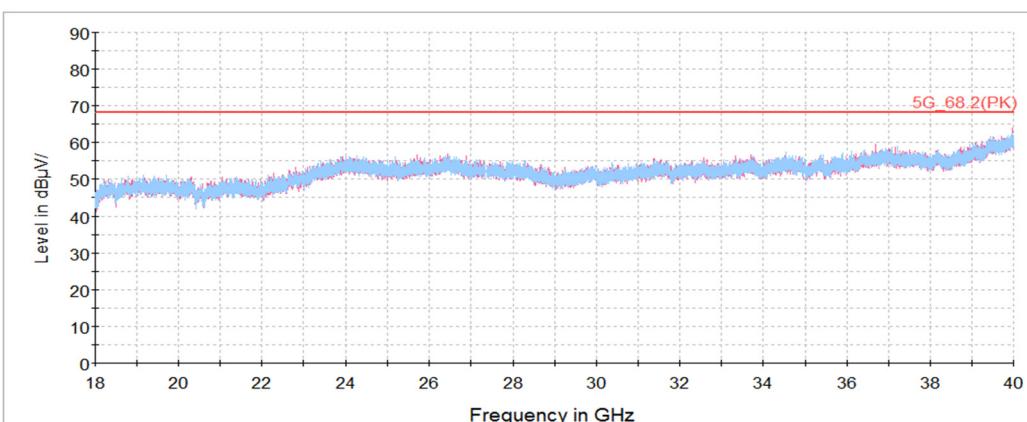
Frequency (MHz)	Pol. (V/H)	Reading (dB( $\mu$ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB( $\mu$ V/m))	Limit (dB( $\mu$ V/m))	Margin (dB)
<b>Peak data</b>								
10480.80	V	57.58	37.39	-48.18	-	46.79	68.20	21.41
<b>Average Data</b>								
No spurious emissions were detected within 20 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**

**802.11ac VHT40 UNII-1****Lowest Channel (5 190 MHz)**

Frequency (MHz)	Pol.	Reading (dB( $\mu$ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB( $\mu$ V/m))	Limit (dB( $\mu$ V/m))	Margin (dB)
<b>Peak data</b>								
5 122.42 <sup>1)</sup>	V	40.52	34.05	-26.94	-	47.63	74.00	26.37
10 379.81	H	58.04	37.33	-48.76	-	46.61	68.20	21.59
<b>Average Data</b>								
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**

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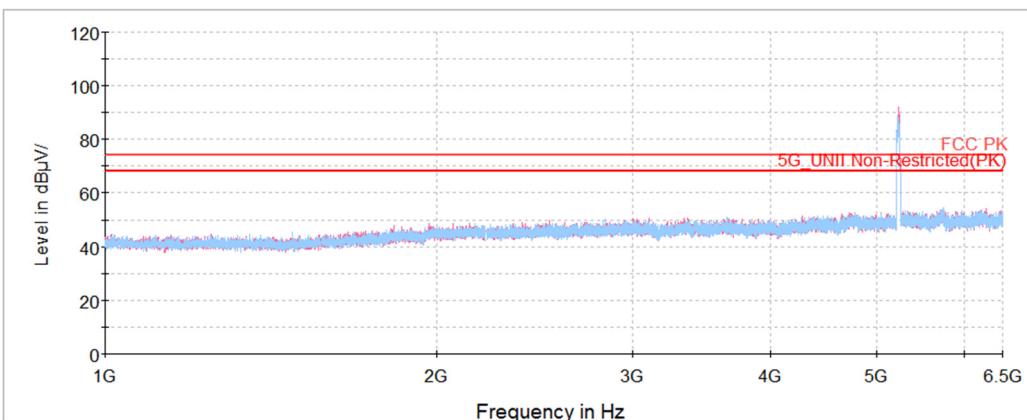
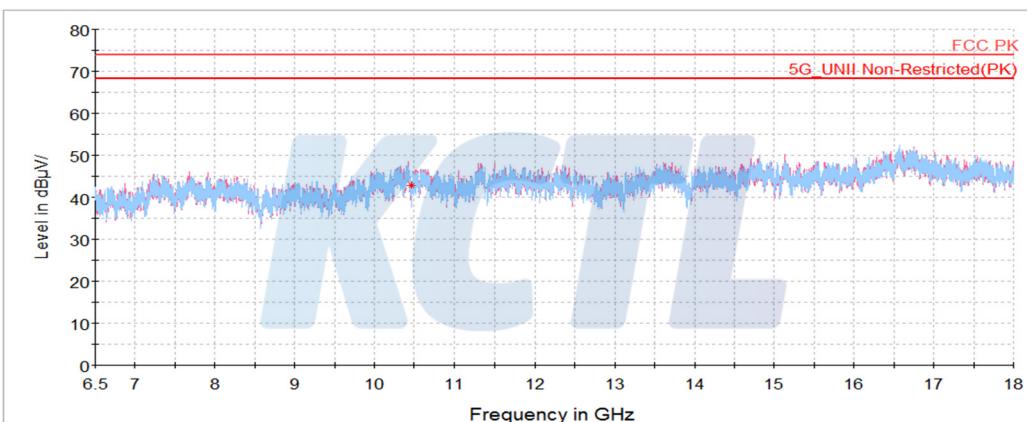
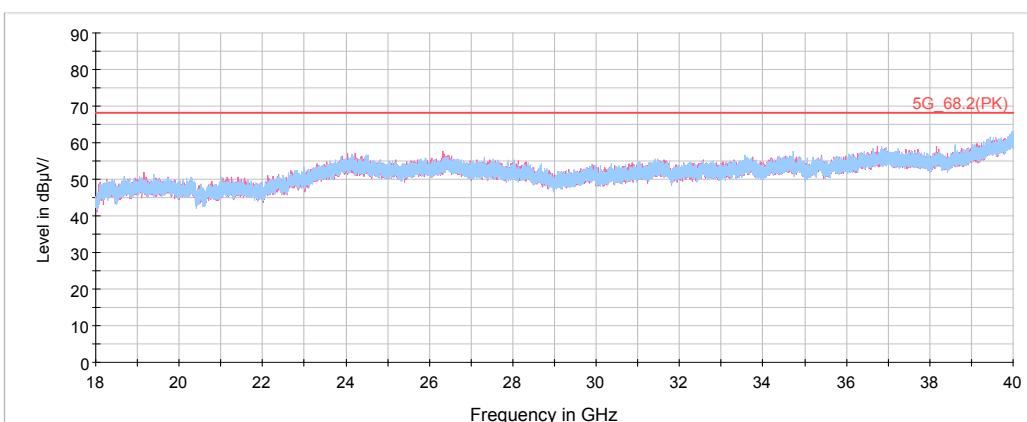
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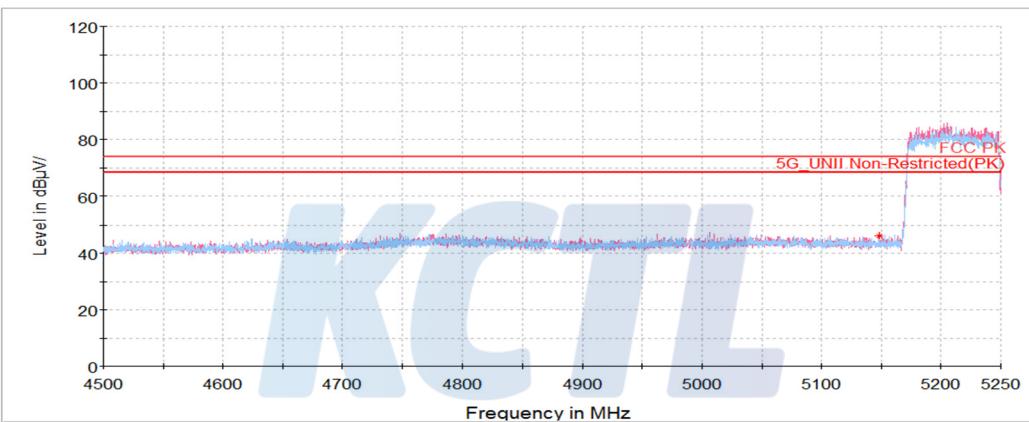
**Highest Channel (5 230 MHz)**

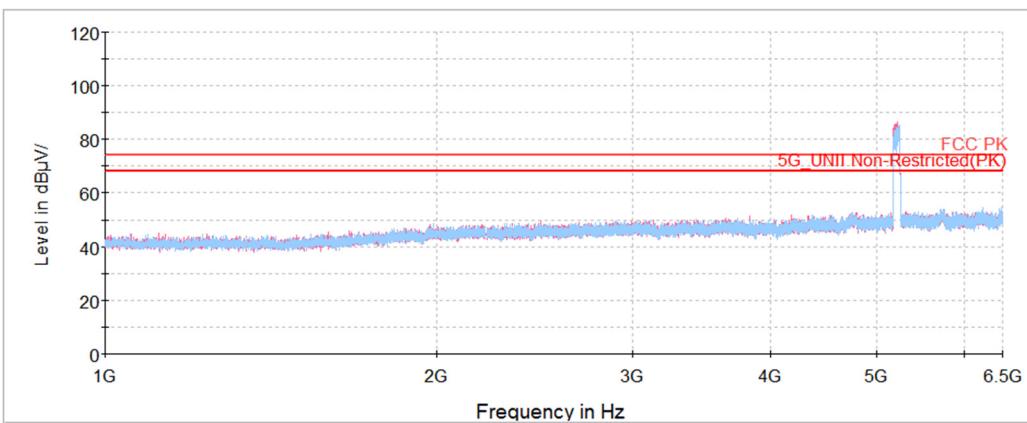
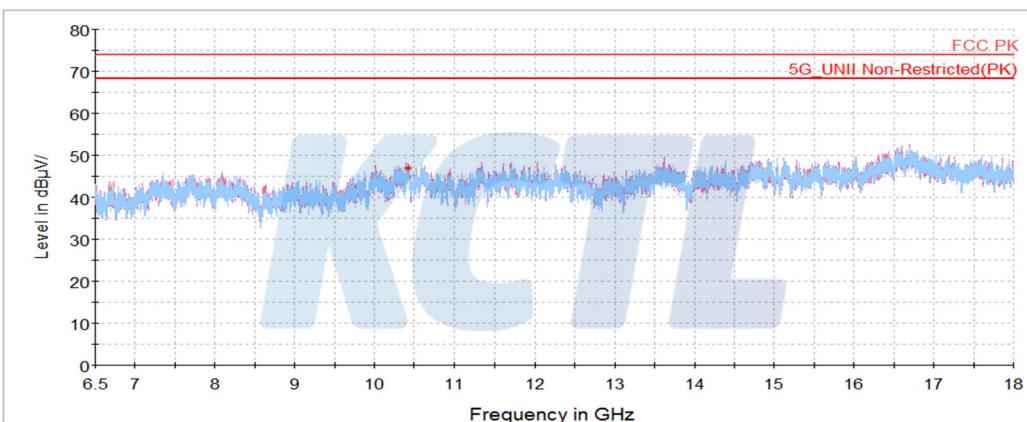
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(µV))	(dB)	(dB)	(dB)	(dB(µV/m))	(dB(µV/m))	(dB)
<b>Peak data</b>								
10 461.03	H	53.61	37.38	-48.30	-	42.69	68.20	25.51
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

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

**802.11ac VHT80 UNII-1****Lowest Channel (5 210 MHz)**

Frequency (MHz)	Pol.	Reading (dB( $\mu$ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB( $\mu$ V/m))	Limit (dB( $\mu$ V/m))	Margin (dB)
<b>Peak data</b>								
5 148.72 <sup>1)</sup>	V	39.24	34.08	-27.11	-	46.21	74.00	27.79
10 420.78	H	58.08	37.35	-48.53	-	46.90	68.20	21.30
<b>Average Data</b>								
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**