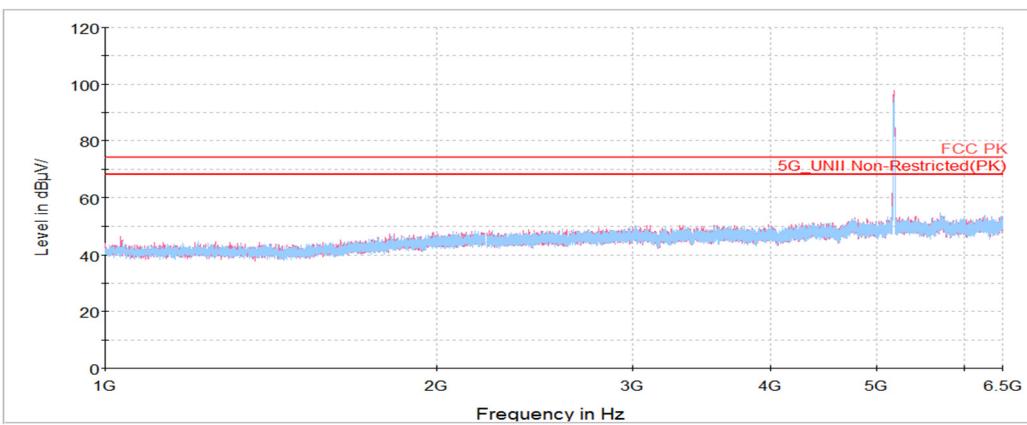
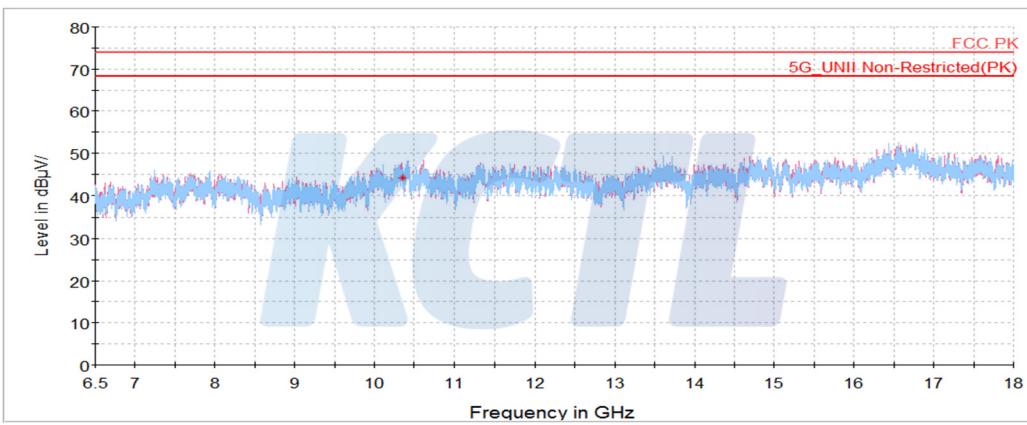
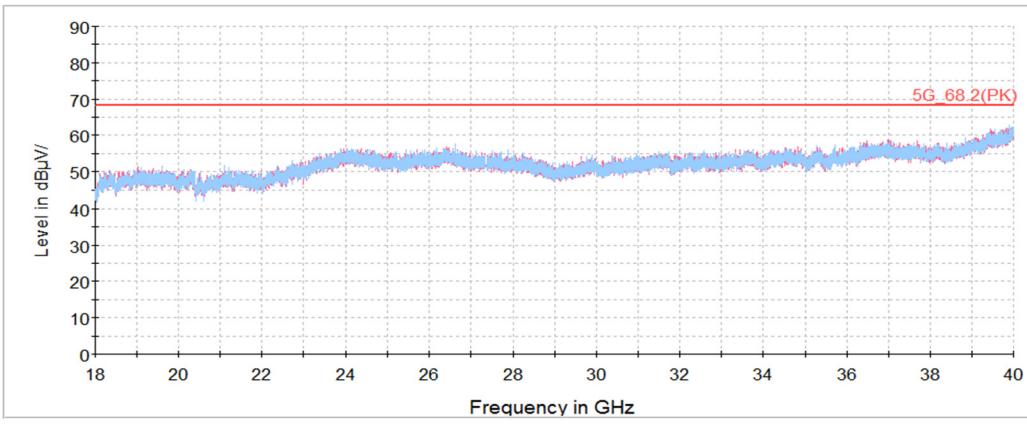


Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

KCTL Inc.

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**Middle Channel (5 200 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								
10 402.45	H	59.16	37.34	-48.63	-	47.87	68.20	20.33
Average Data								
No spurious emissions were detected within 20 dB of the limit								

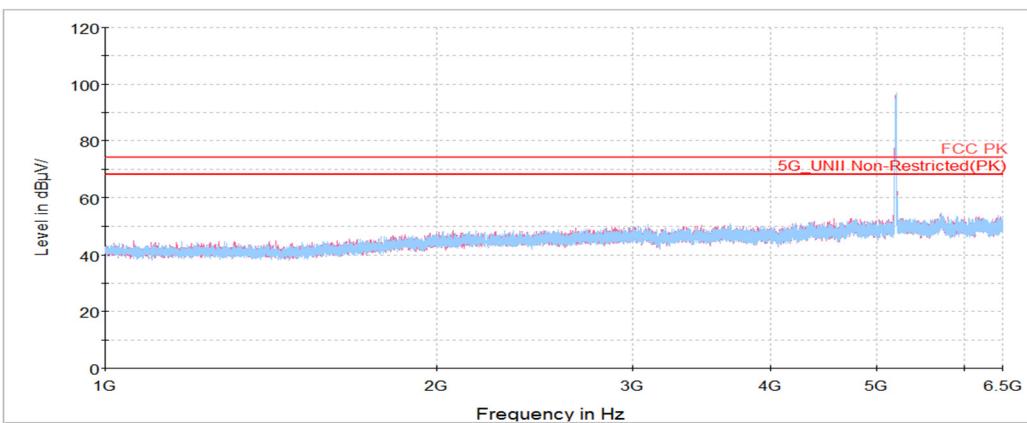
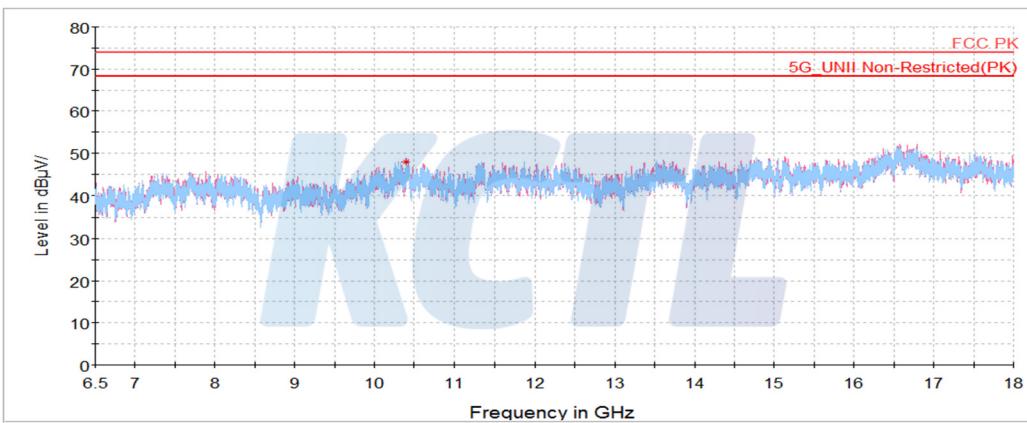
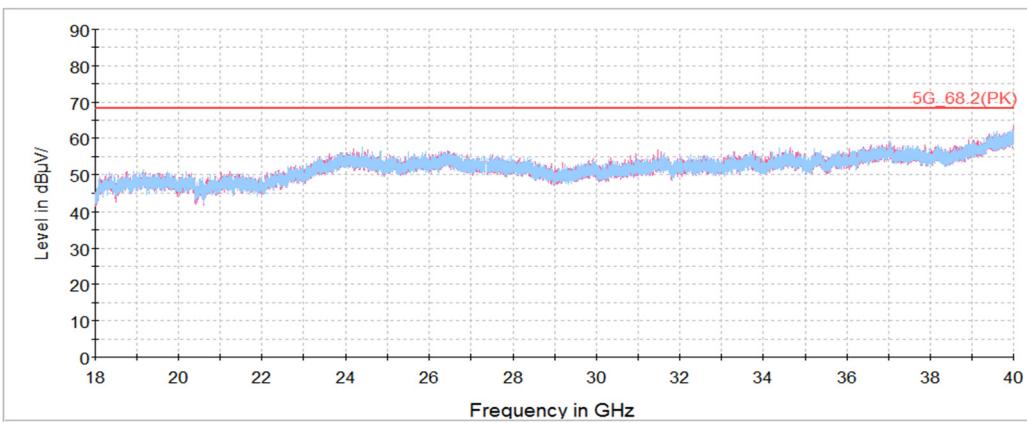


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KCTL**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

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**Highest Channel (5 240 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								
10 479.36	H	55.67	37.39	-48.19		44.87	68.20	23.33
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

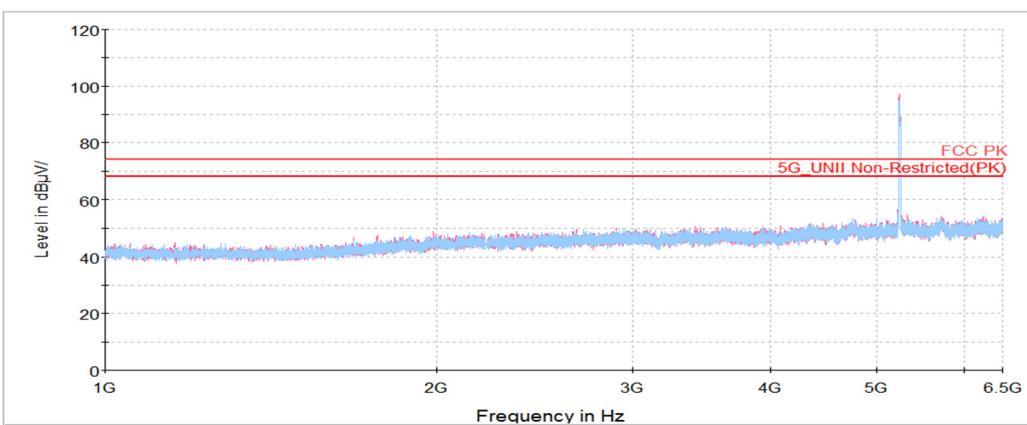
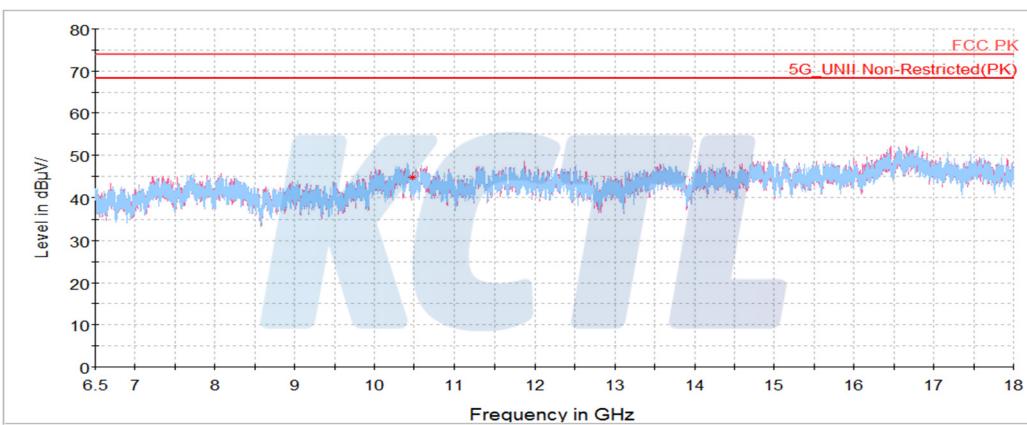
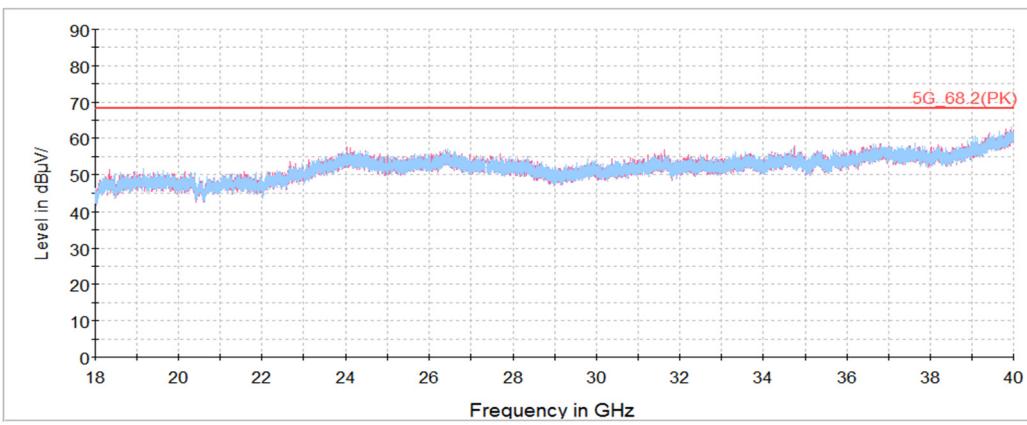


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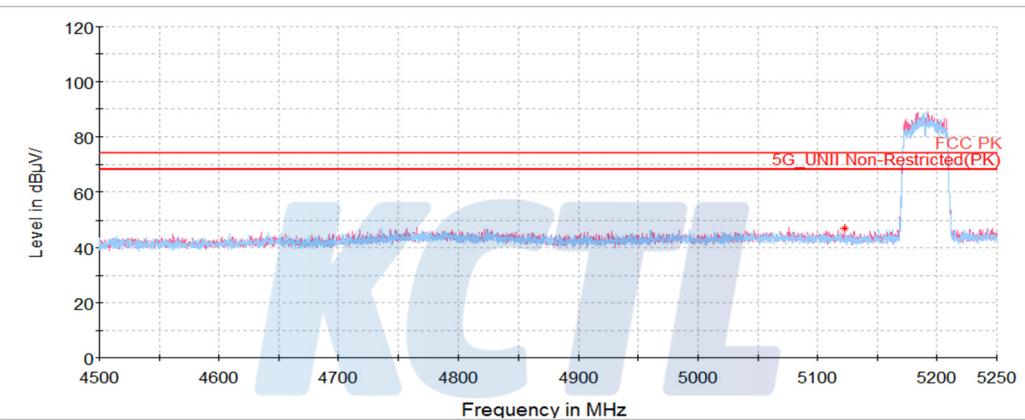
Report No.:
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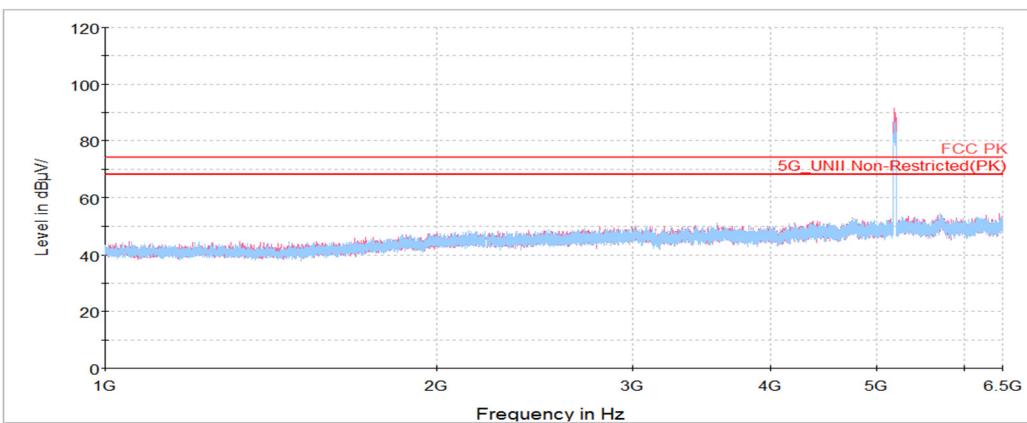
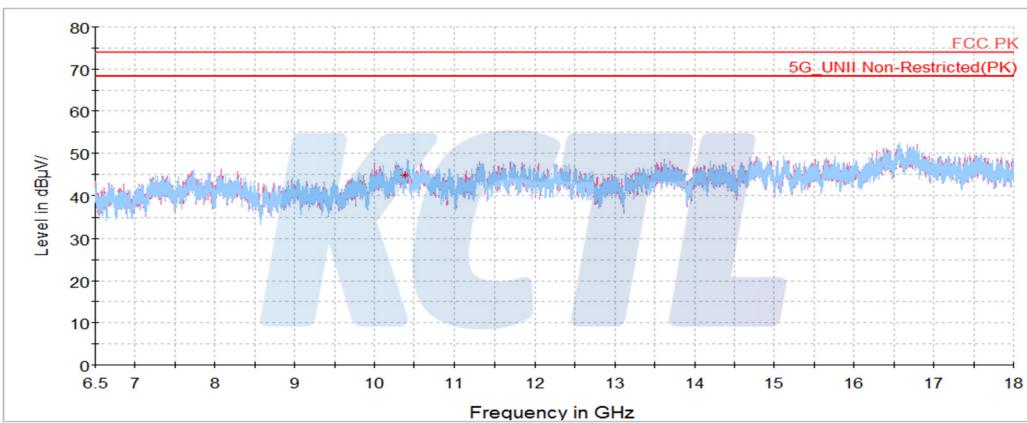
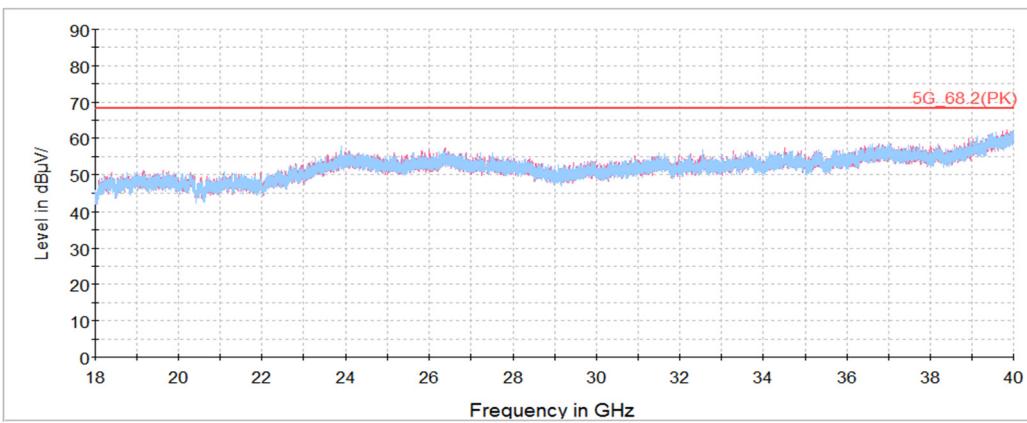
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KCTL**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

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

Frequency (MHz)	Pol.	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
5 122.59 ¹⁾	H	39.90	34.05	-26.94	-	47.01	74.00	26.99
10 379.45	H	56.25	37.33	-48.76	-	44.82	68.20	23.38
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**

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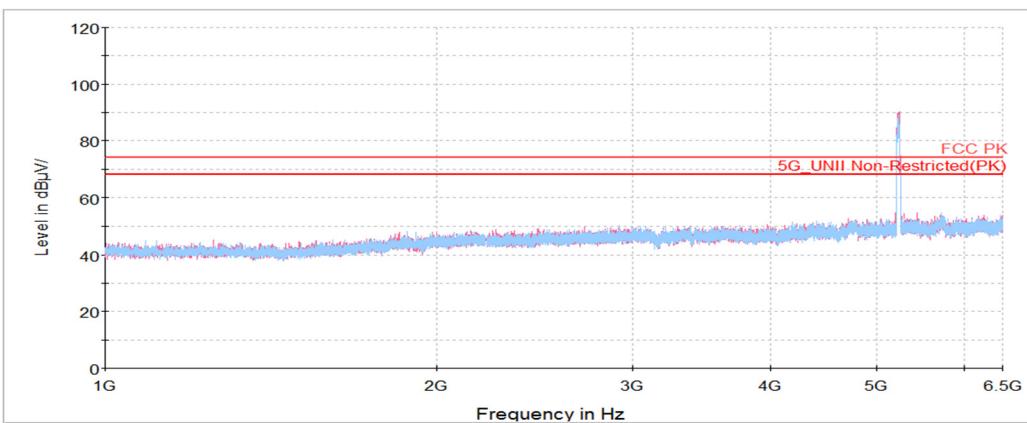
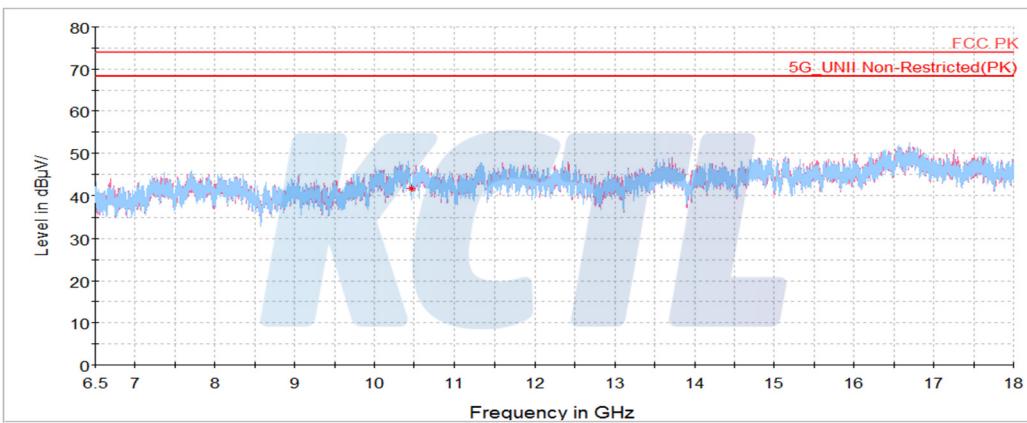
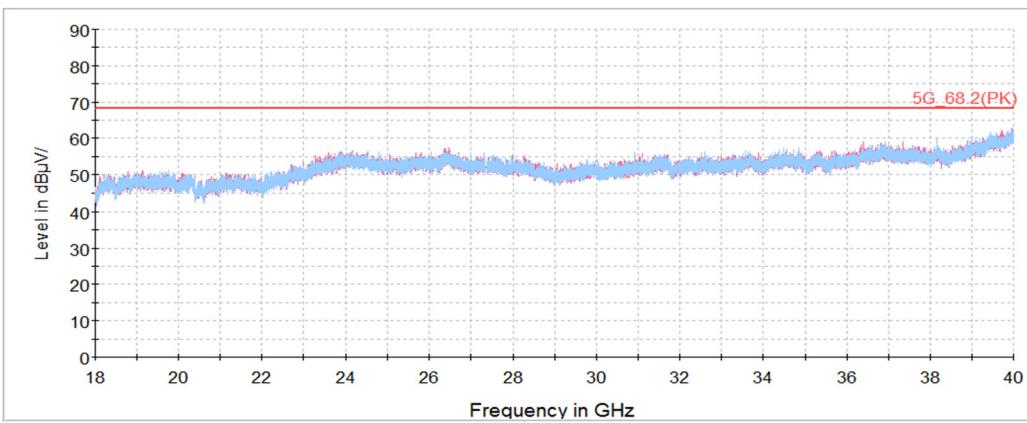
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KCTL**Highest Channel (5 230 MHz)**

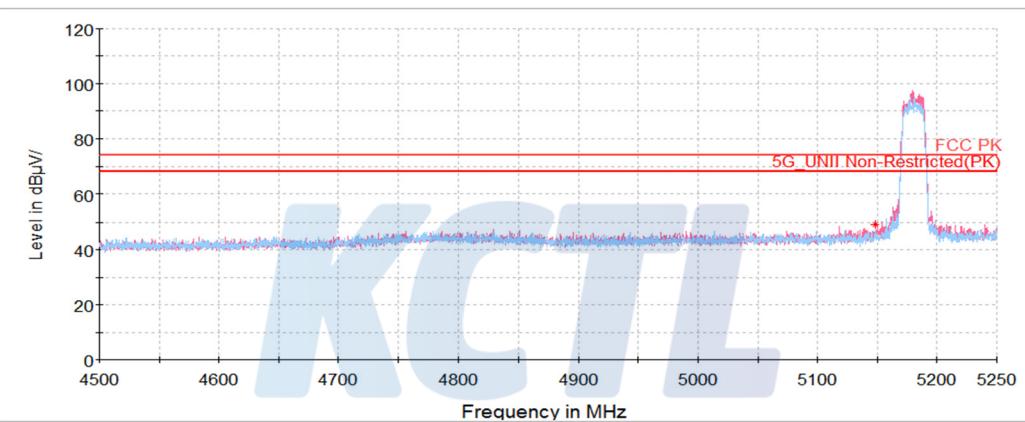
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 460.31	V	52.67	37.38	-48.3	-	41.75	68.20	26.45
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

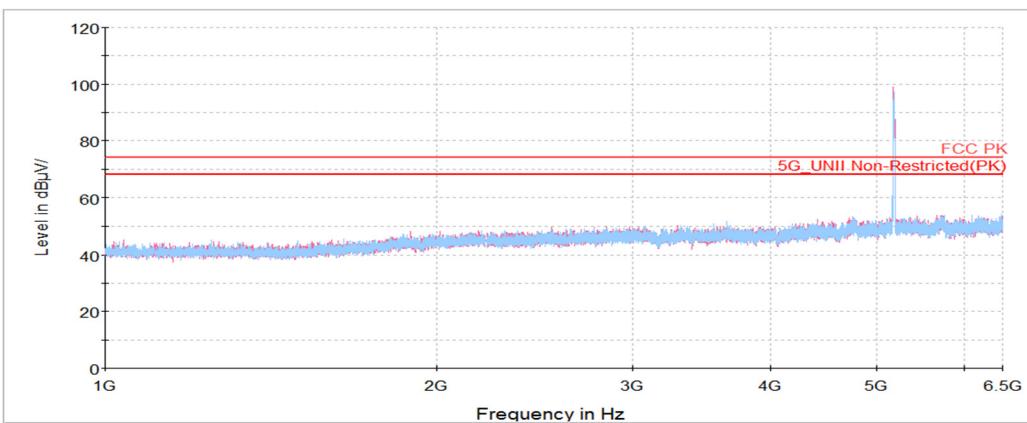
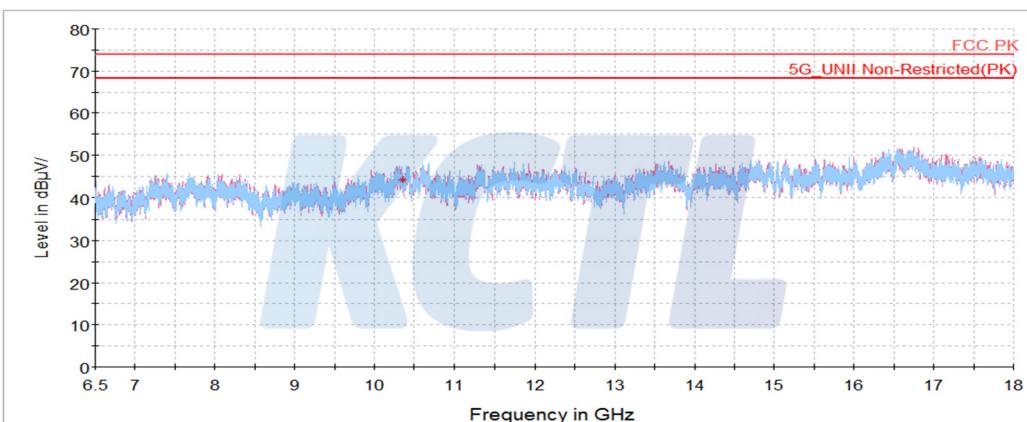
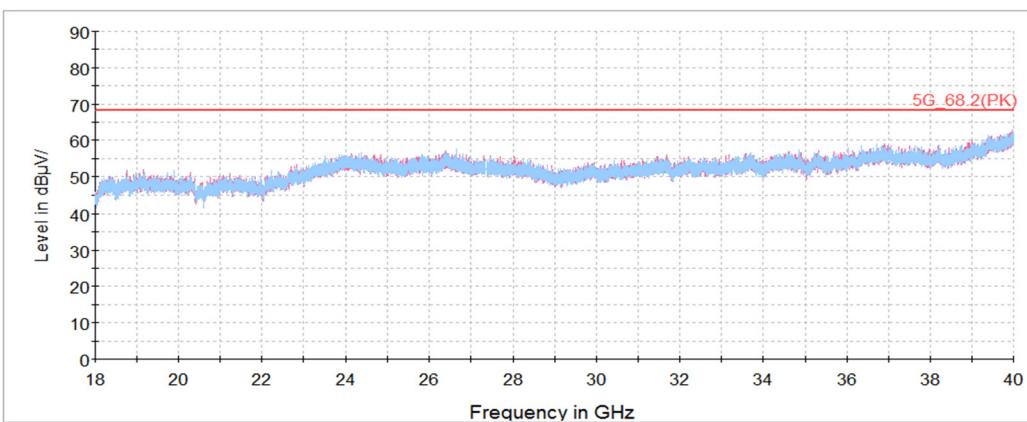
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Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

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

Frequency (MHz)	Pol.	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
5 148.38 ¹⁾	V	42.07	34.08	-27.11	-	49.04	74.00	24.96
10 360.41	V	55.77	37.32	-48.87	-	44.22	68.20	23.98
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**

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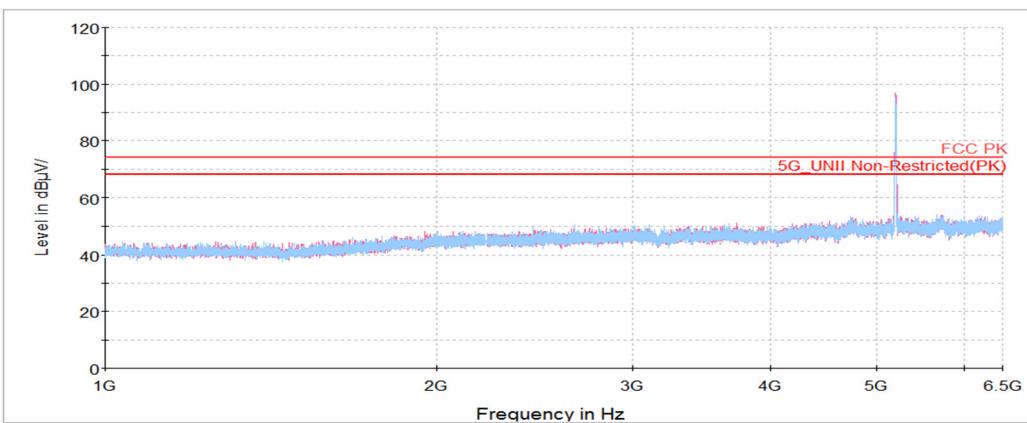
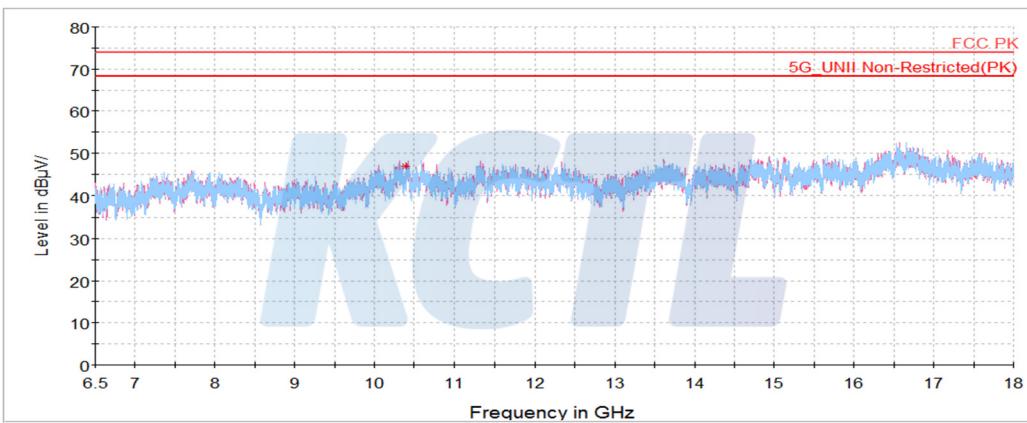
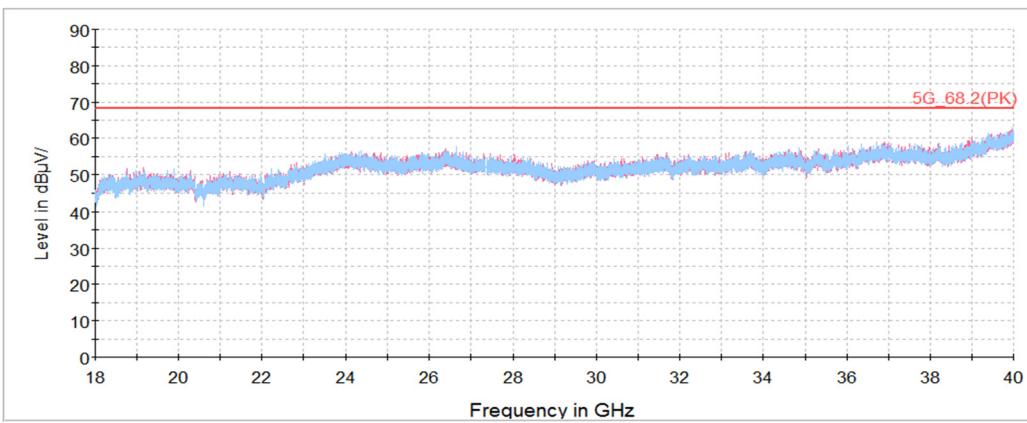
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**Middle Channel (5 200 MHz)**

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								
10 399.94	V	58.21	37.34	-48.65	-	46.90	68.20	21.30
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**

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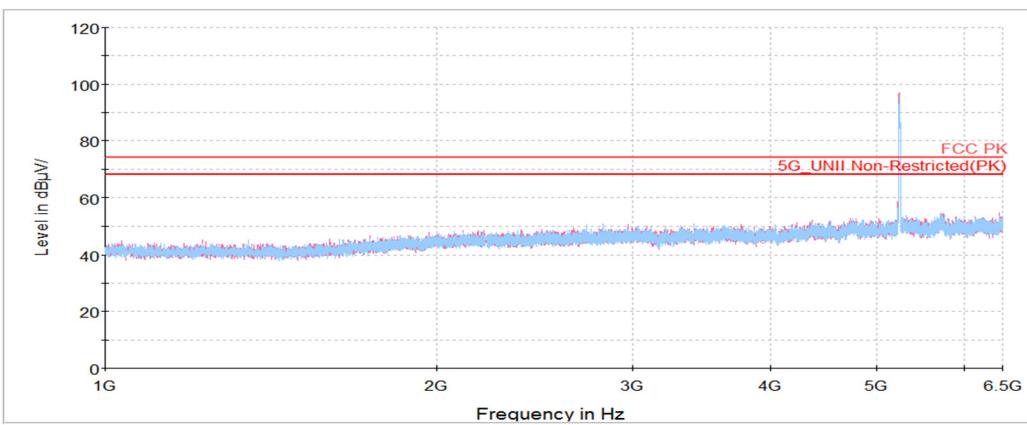
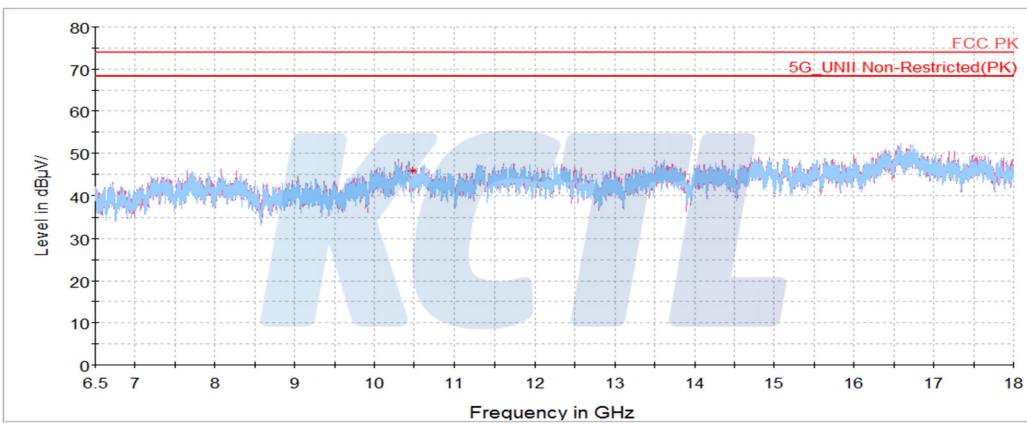
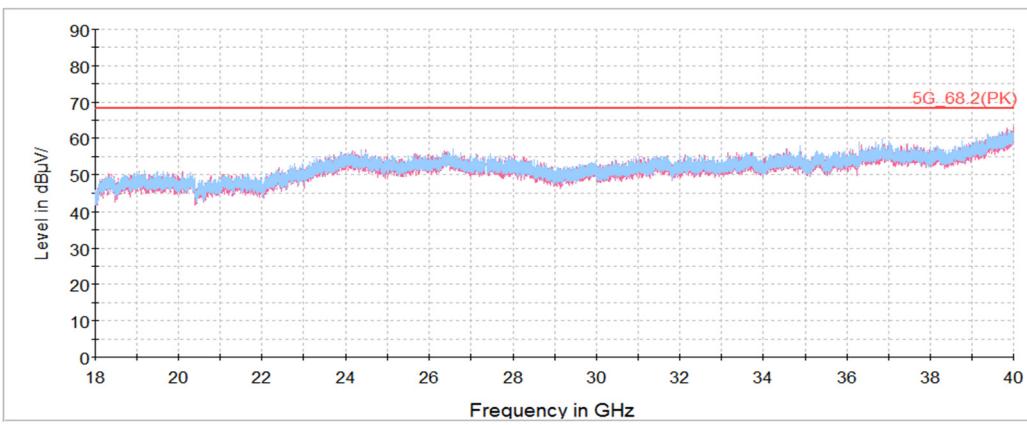
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**Highest Channel (5 240 MHz)**

Frequency (MHz)	Pol. (V/H)	Reading (dB(µV))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF	Result (dB(µV/m))	Limit (dB(µV/m))	Margin (dB)
Peak data								
10 480.08	H	56.62	37.39	-48.19	-	45.82	68.20	22.38
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

A large, semi-transparent watermark of the KCTL logo is centered on the page. The letters "KCTL" are in their signature blue, bold, sans-serif font, with "K" and "C" stacked above "T" and "L".

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. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
5 128.27 ¹⁾	H	39.62	34.05	-26.98	-	46.69	74.00	27.31
10 380.17	V	56.95	37.33	-48.76	-	45.52	68.20	22.68
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for Band-edge