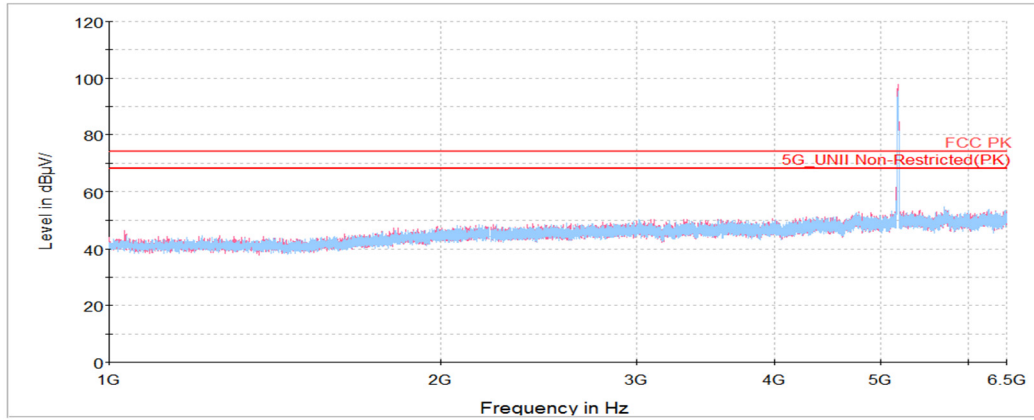
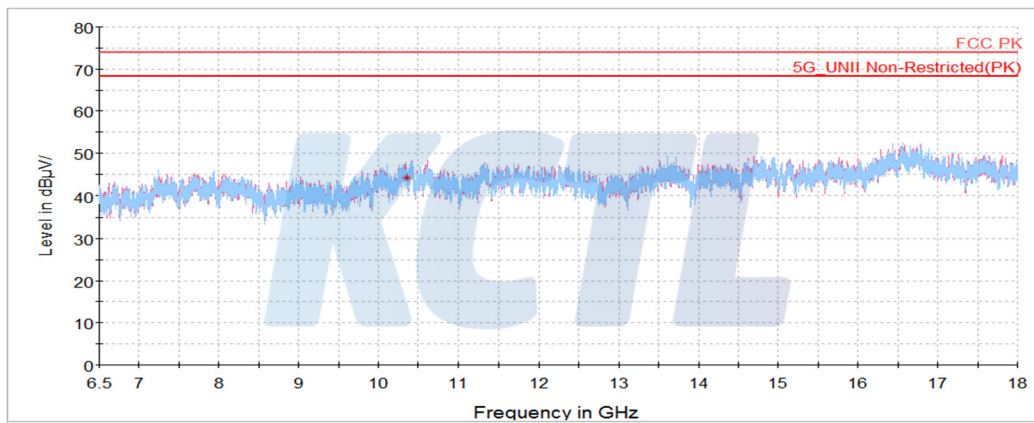


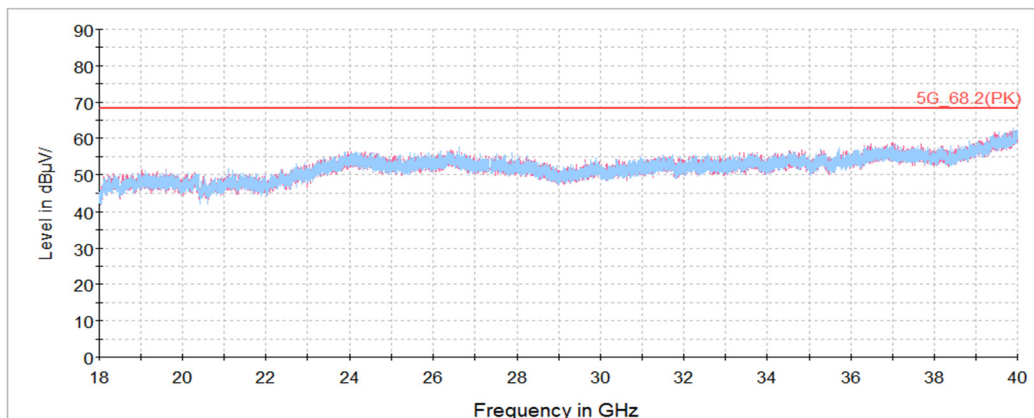
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



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



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



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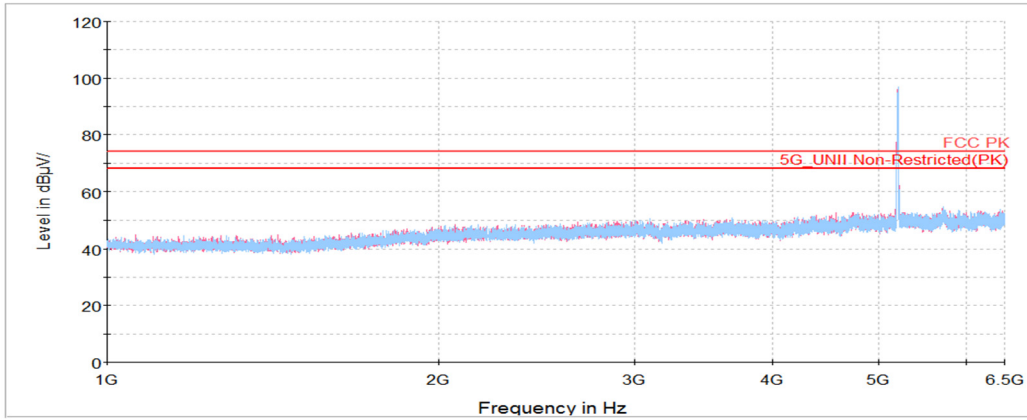
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**KCTL****Middle Channel (5 200 MHz)**

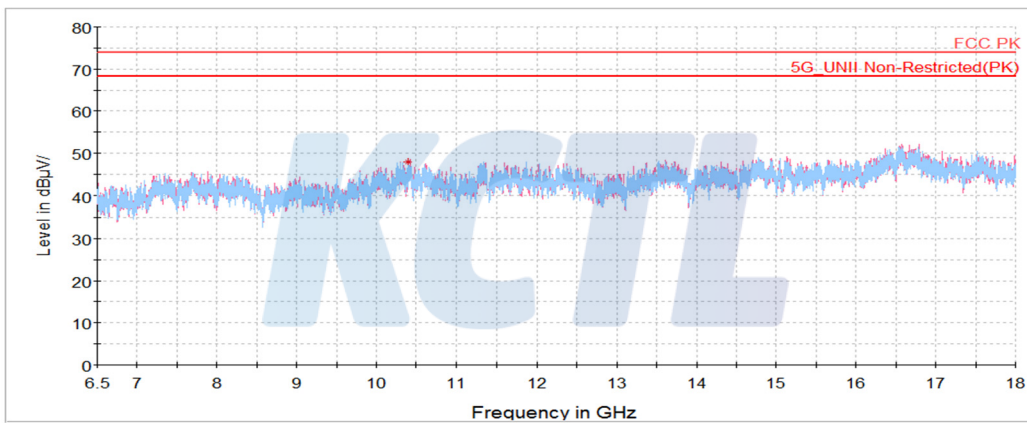
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu V$ ))	(dB)	(dB)	(dB)	(dB( $\mu V/m$ ))	(dB( $\mu V/m$ ))	(dB)
<b>Peak data</b>								
10 402.45	H	59.16	37.34	-48.63	-	47.87	68.20	20.33
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit								

**KCTL**

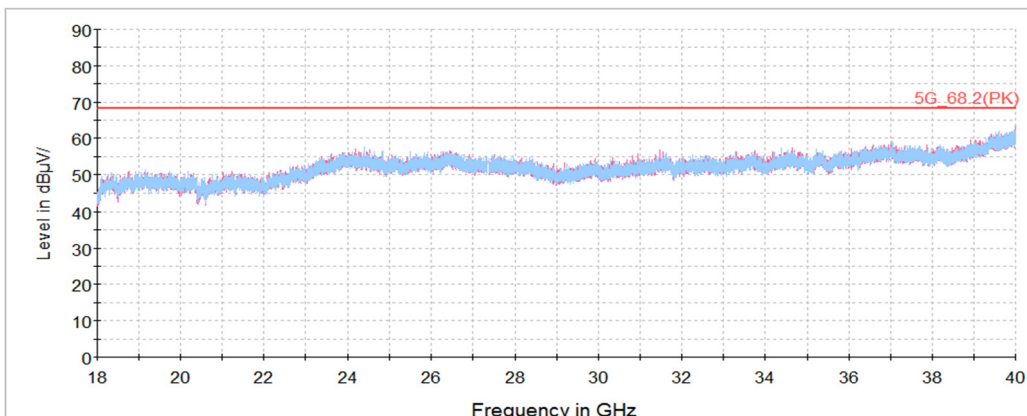
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



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



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



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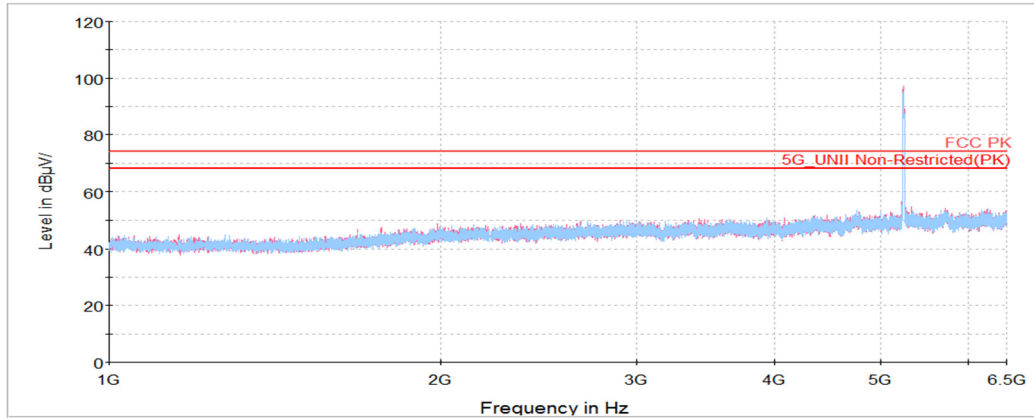
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**KCTL****Highest Channel (5 240 MHz)**

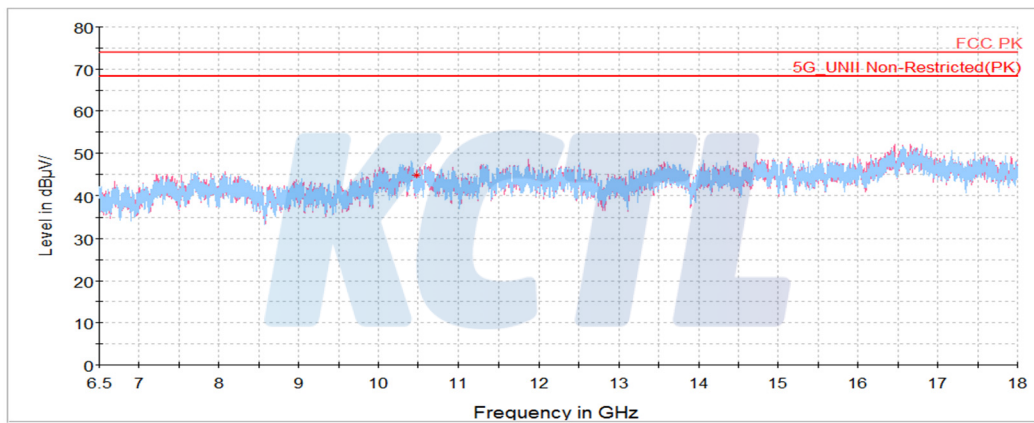
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu V$ ))	(dB)	(dB)	(dB)	(dB( $\mu V/m$ ))	(dB( $\mu V/m$ ))	(dB)
<b>Peak data</b>								
10 479.36	H	55.67	37.39	-48.19		44.87	68.20	23.33
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

**KCTL**

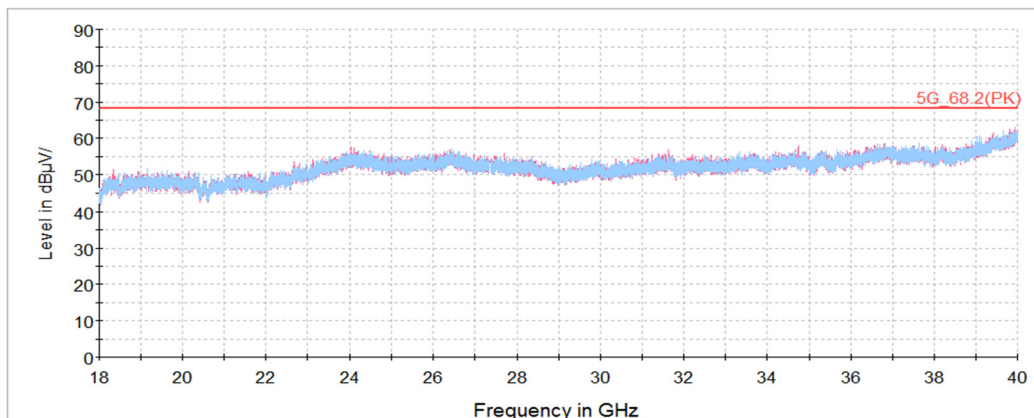
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



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



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



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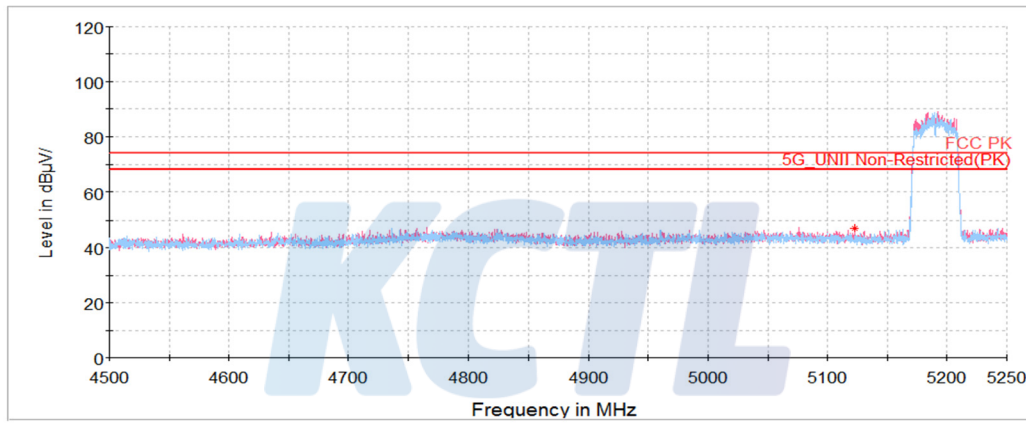


## 802.11n HT40 UNII-1

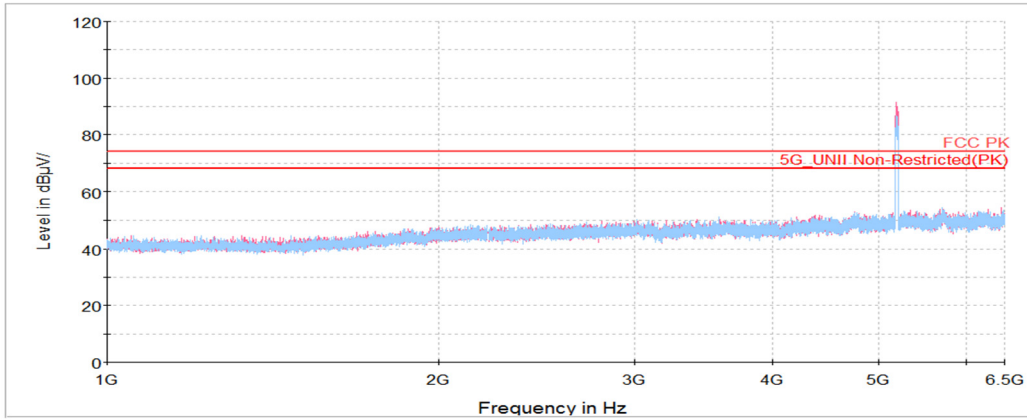
### Lowest Channel (5 190 MHz)

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>								
5 122.59 <sup>1)</sup>	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
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

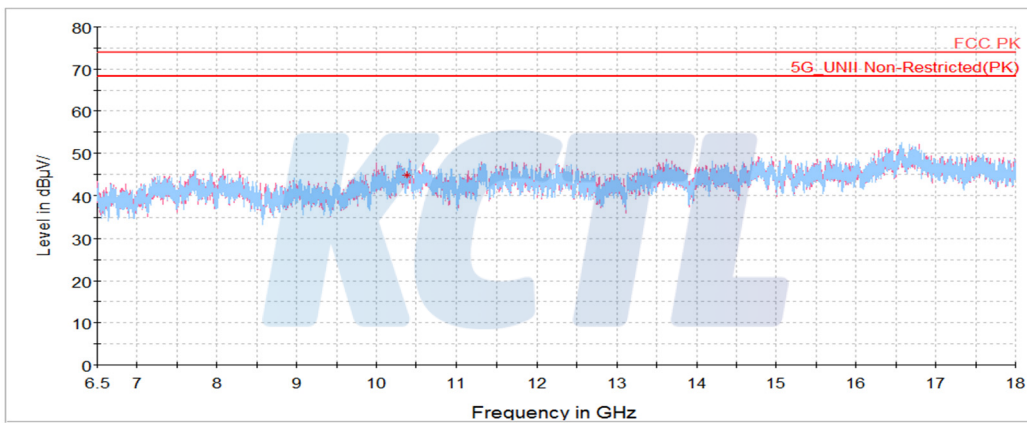
### Horizontal/Vertical for Band-edge



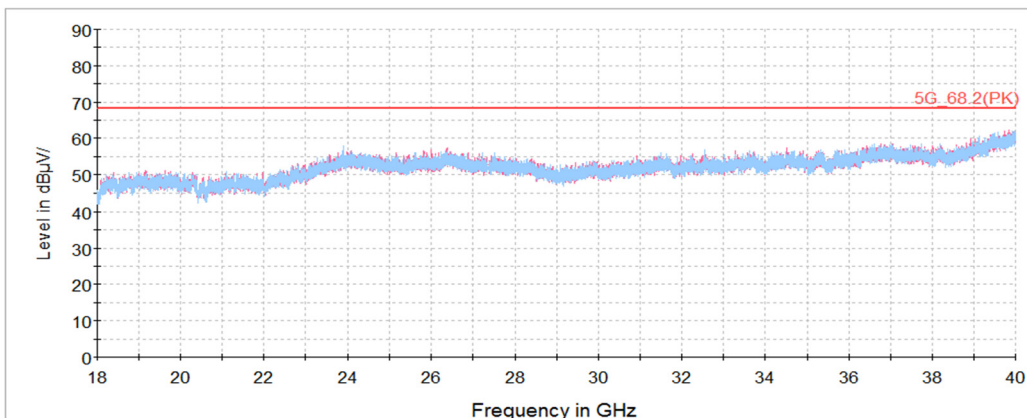
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



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



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



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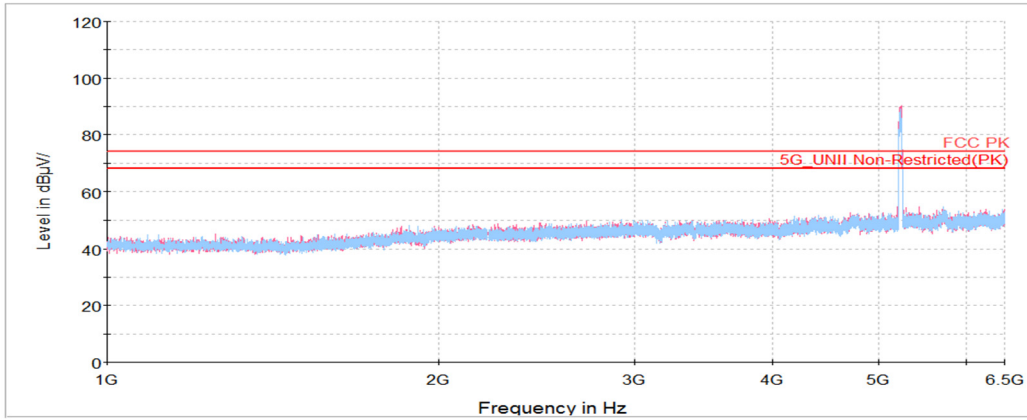
**Highest Channel (5 230 MHz)**

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>								
10 460.31	V	52.67	37.38	-48.3	-	41.75	68.20	26.45
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

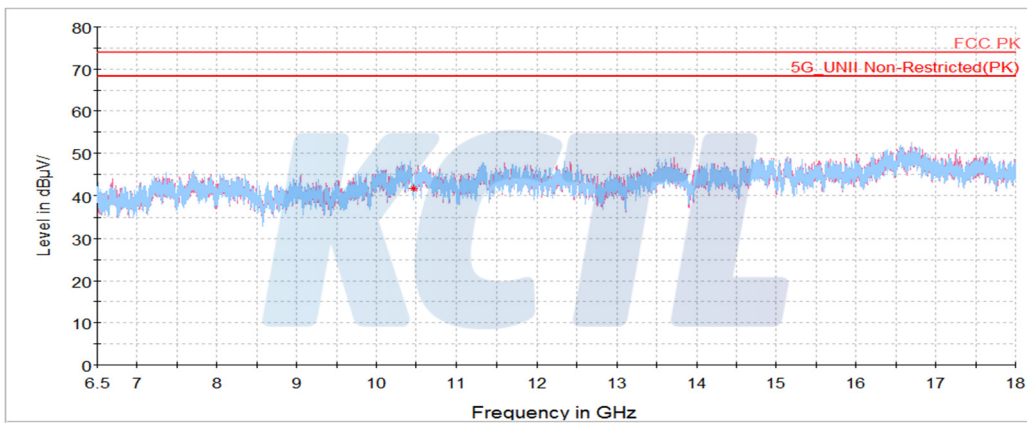




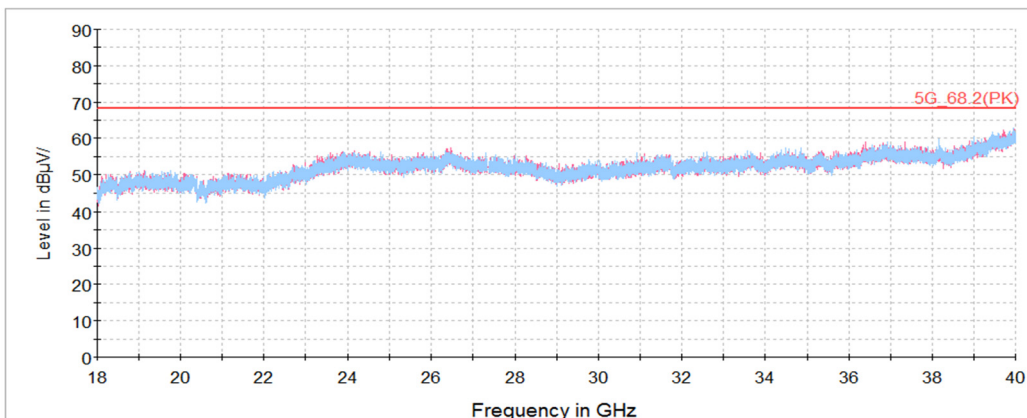
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



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



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



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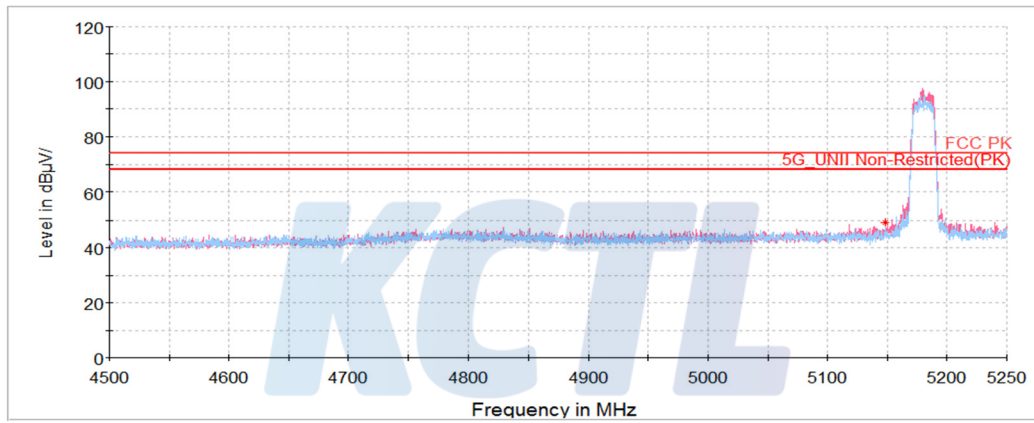
# KCTL

## 802.11ac VHT20 UNII-1

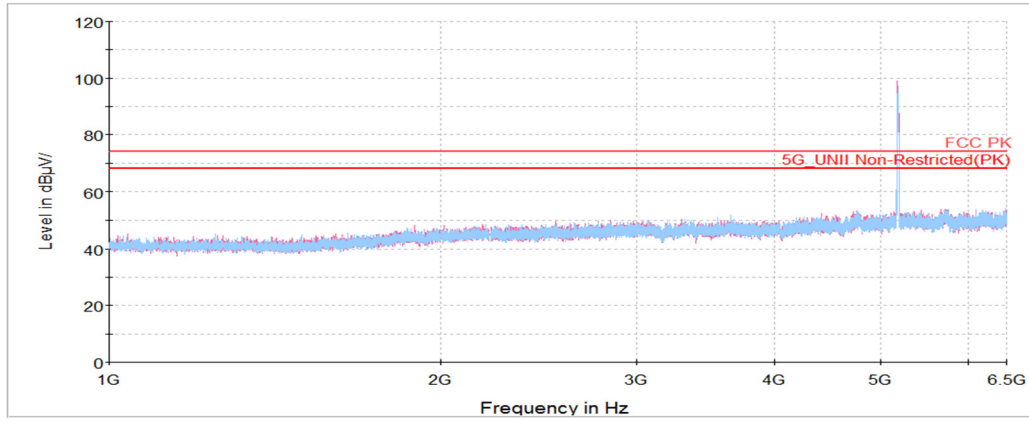
### Lowest Channel (5 180 MHz)

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>								
5 148.38 <sup>1)</sup>	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
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

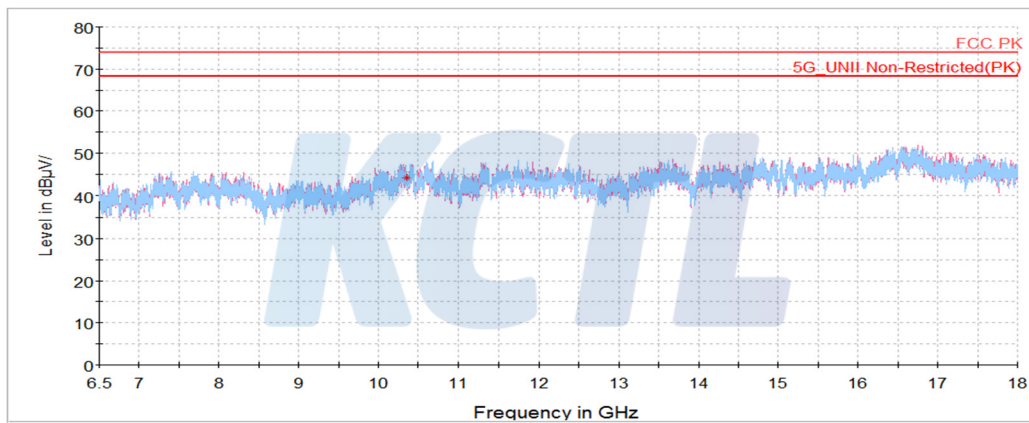
### Horizontal/Vertical for Band-edge



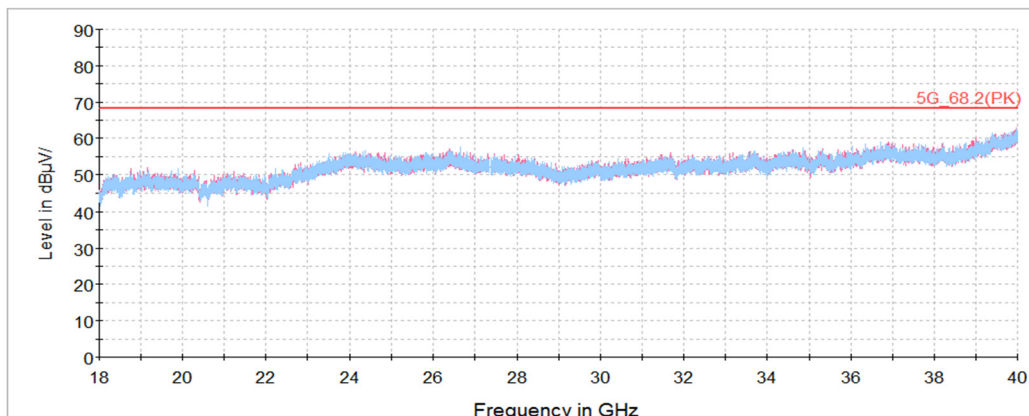
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



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



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



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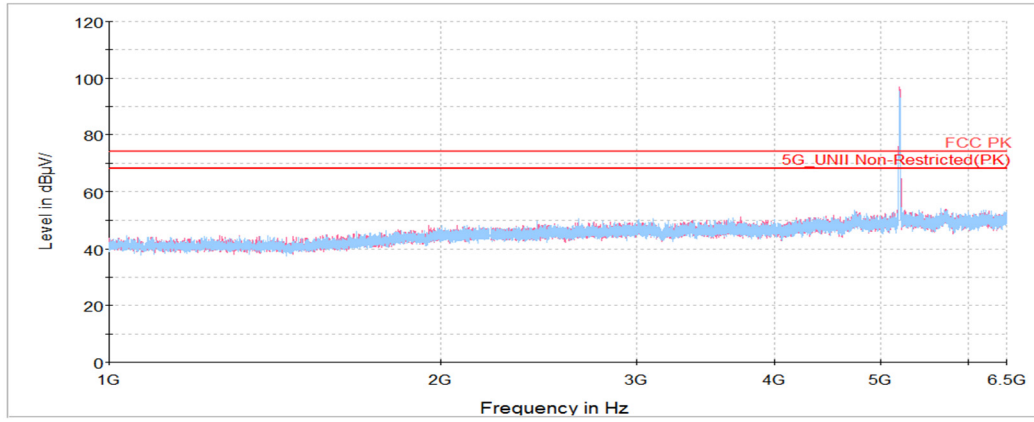
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**Middle Channel (5 200 MHz)**

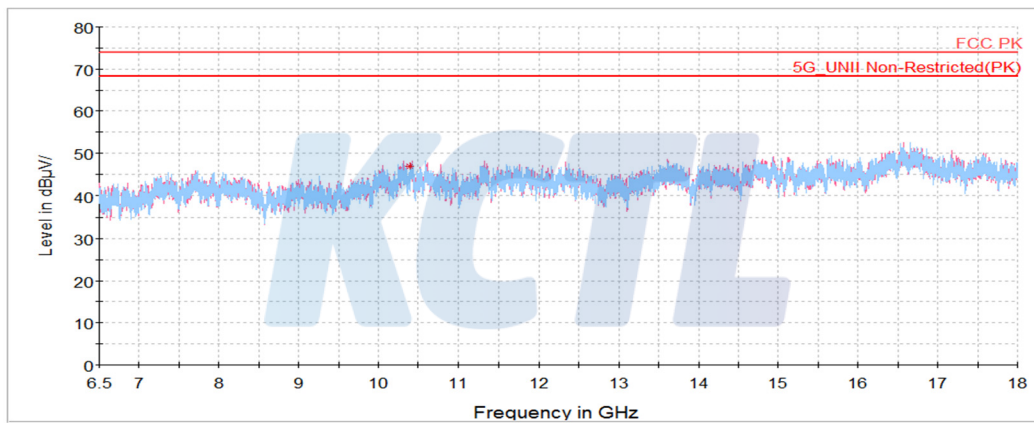
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu$ V))	(dB)	(dB)	(dB)	(dB( $\mu$ V/m))	(dB( $\mu$ V/m))	(dB)
<b>Peak data</b>								
10 399.94	V	58.21	37.34	-48.65	-	46.90	68.20	21.30
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit								



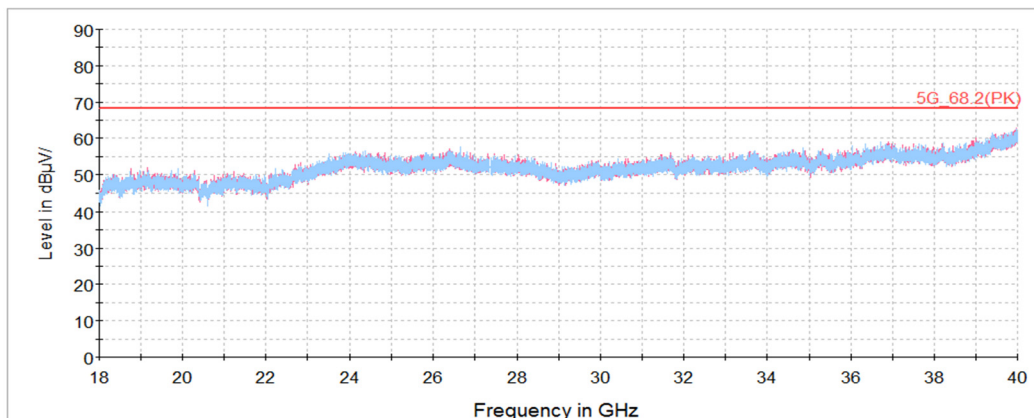
**Horizontal/Vertical for 1 GHz ~ 6.5 GHz**



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



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



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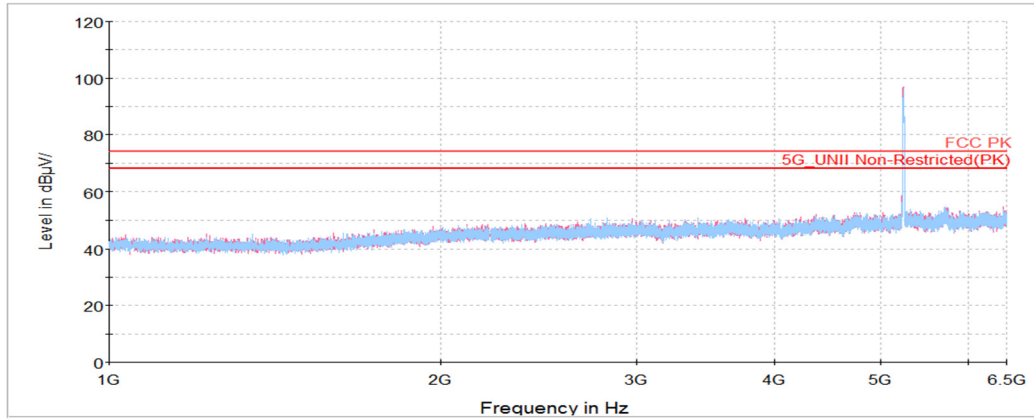
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**Highest Channel (5 240 MHz)**

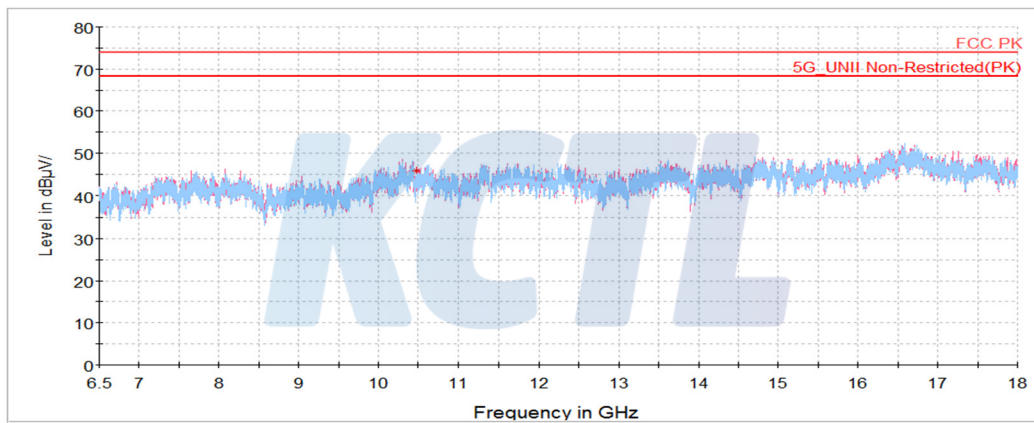
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB( $\mu$ V))	(dB)	(dB)	(dB)	(dB( $\mu$ V/m))	(dB( $\mu$ V/m))	(dB)
<b>Peak data</b>								
10 480.08	H	56.62	37.39	-48.19	-	45.82	68.20	22.38
<b>Average Data</b>								
No spurious emissions were detected within 20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



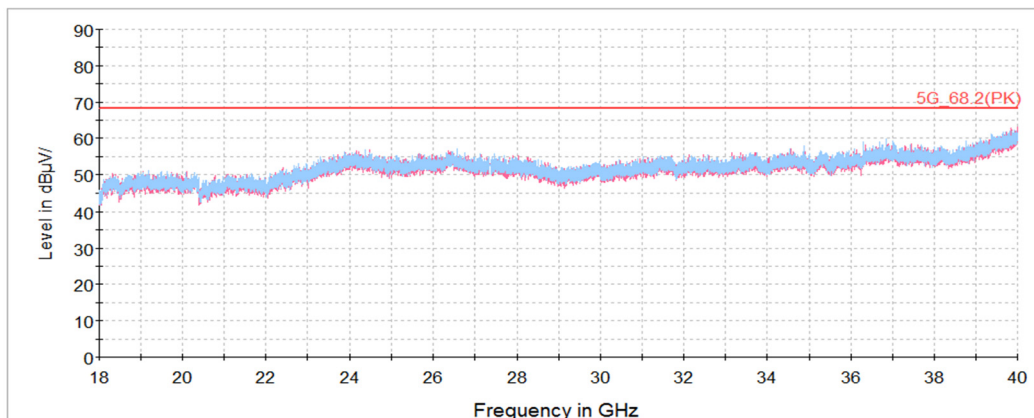
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## 802.11ac VHT40 UNII-1

### 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>								
5 128.27 <sup>1)</sup>	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
<b>Average Data</b>								
No spurious emissions were detected within 20 dB of the limit.								

### Horizontal/Vertical for Band-edge

