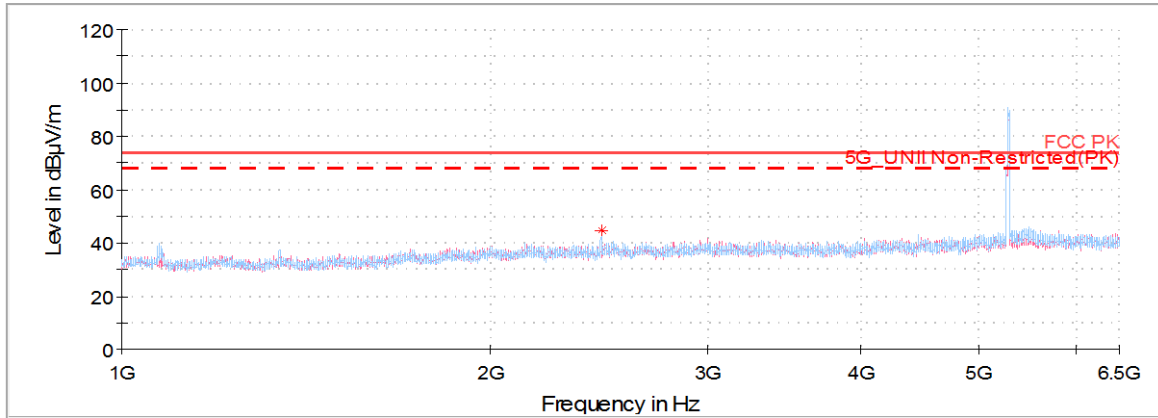
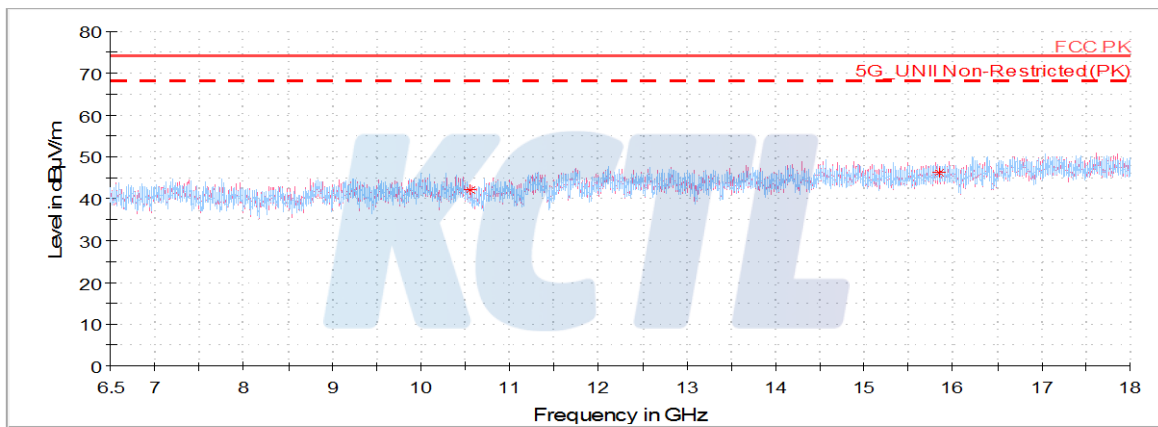


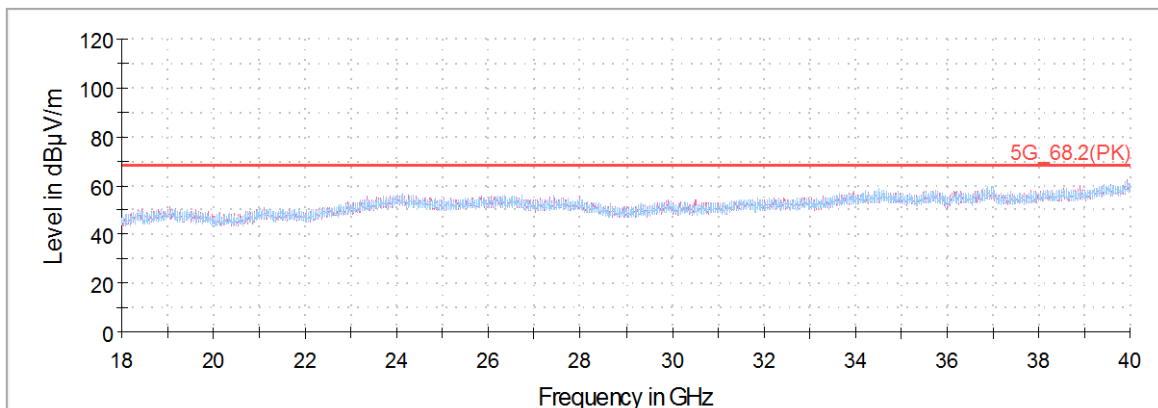
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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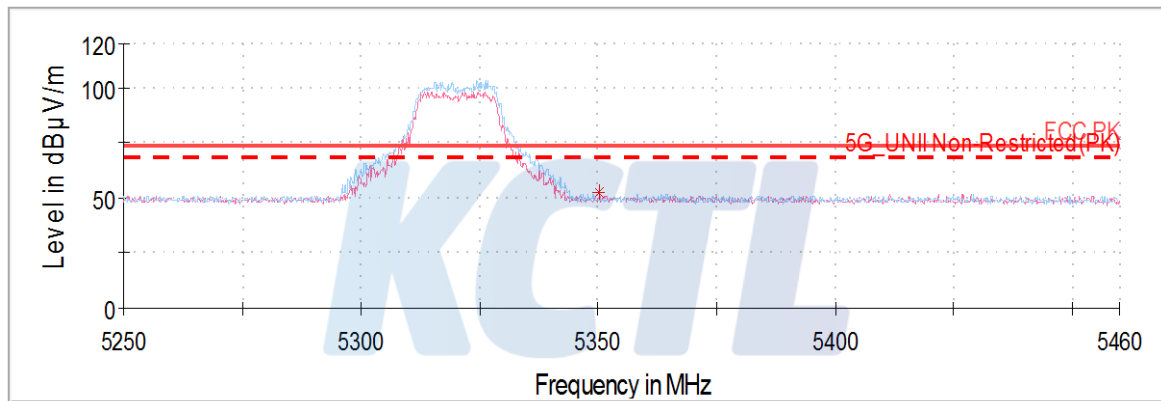
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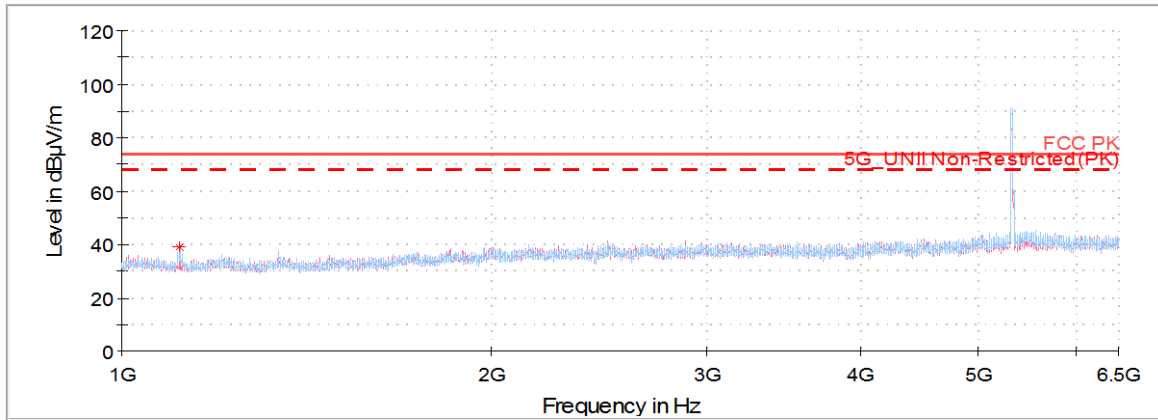
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**Highest Channel (5 320 MHz)**

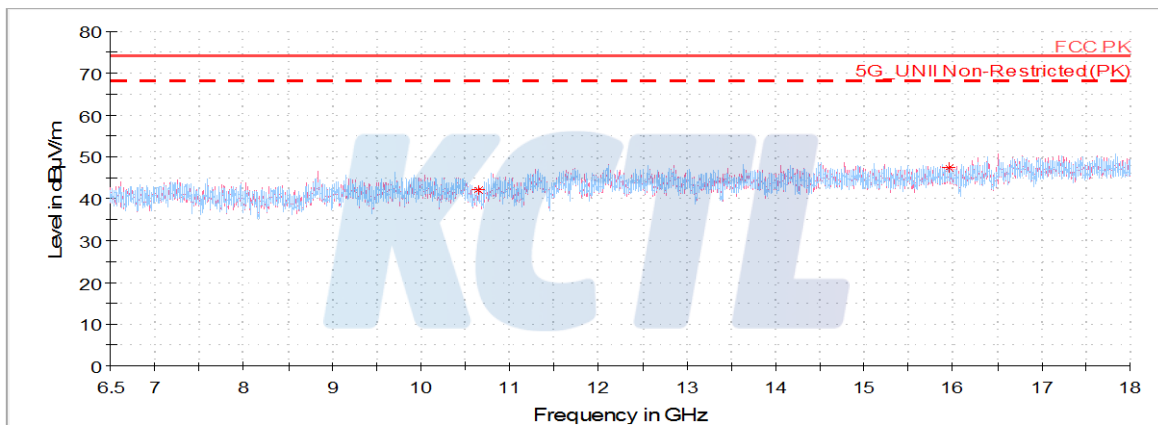
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data									
1 114.64 ¹⁾	H	48.12	2.58	-36.03	24.26	-	38.93	74.00	35.07
5 350.33 ¹⁾	V	46.45	5.69	-33.18	33.43	-	52.39	74.00	21.61
10 641.44 ¹⁾	H	57.50	8.24	-61.63	38.09	-	42.20	74.00	31.80
15 959.83 ¹⁾	V	56.35	10.11	-56.53	37.61	-	47.54	74.00	26.46
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

Horizontal/Vertical for Band-edge

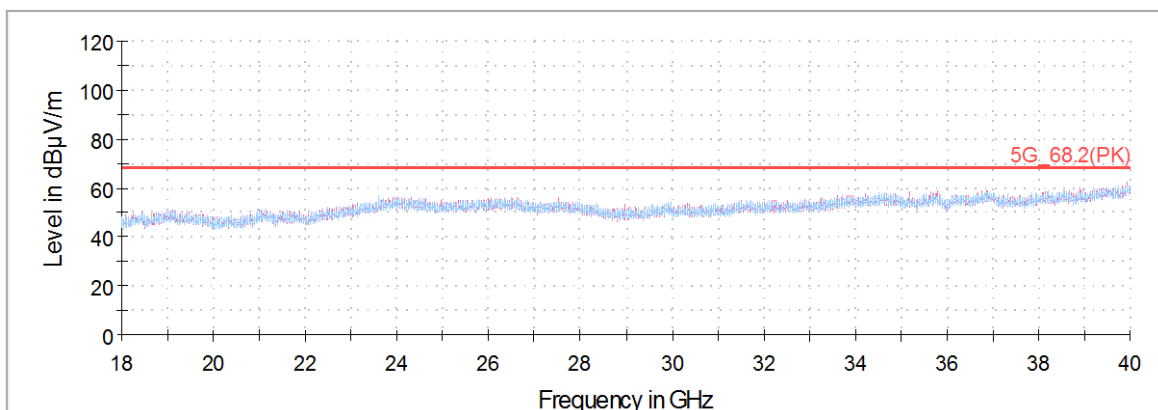
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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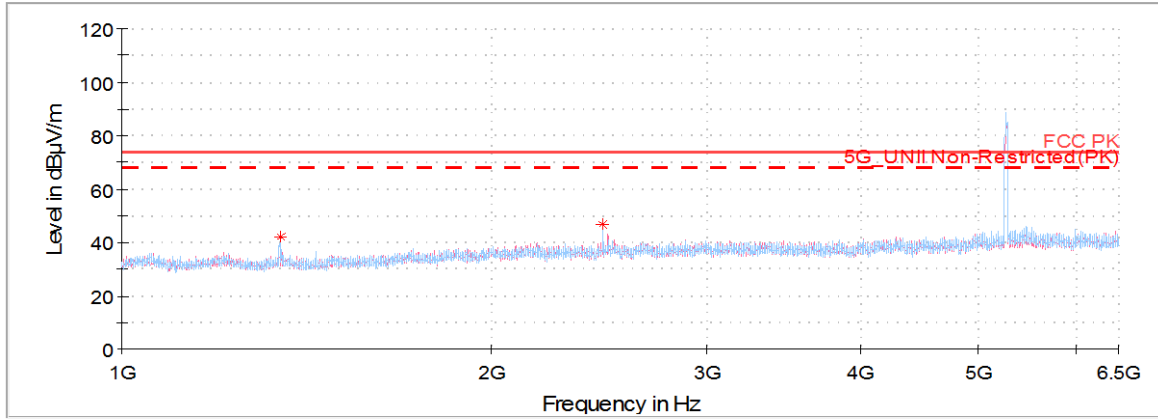
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KCTL**802.11a – ANT 1****Lowest Channel (5 260 MHz)**

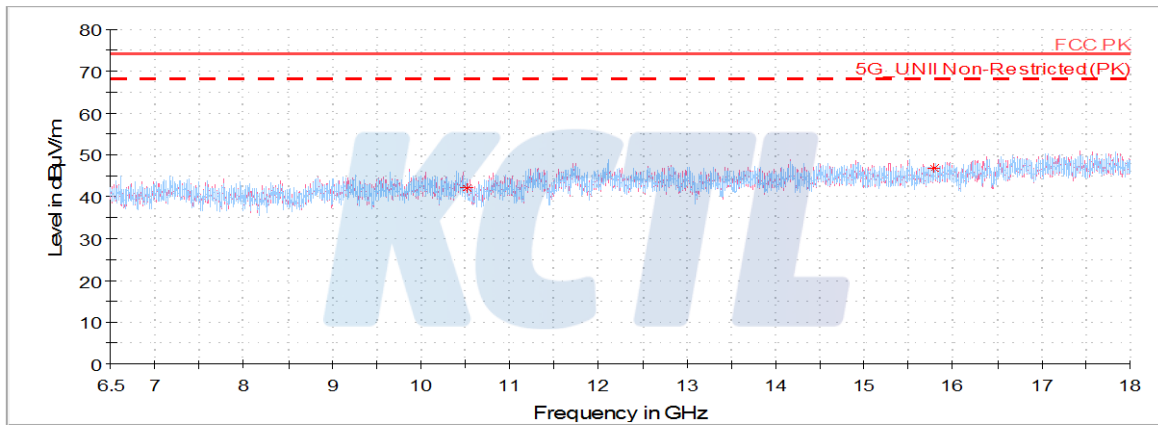
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 346.67 ¹⁾	H	50.95	2.80	-36.73	25.19	-	42.21	74.00	31.79
2 465.06	H	50.09	3.76	-35.98	28.68	-	46.55	68.20	21.65
10 519.97	V	57.40	8.17	-61.55	38.06	-	42.08	68.20	26.12
15 781.58 ¹⁾	H	55.49	10.05	-56.94	38.11	-	46.71	74.00	27.29
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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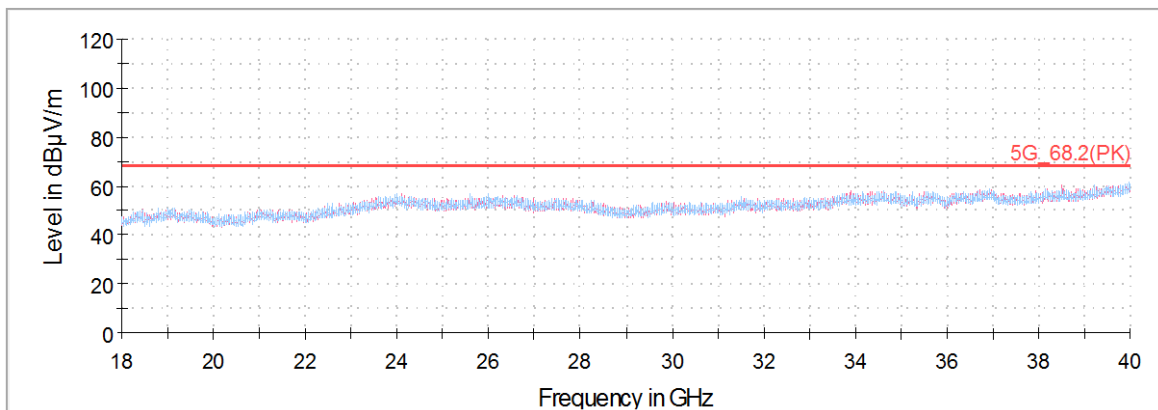
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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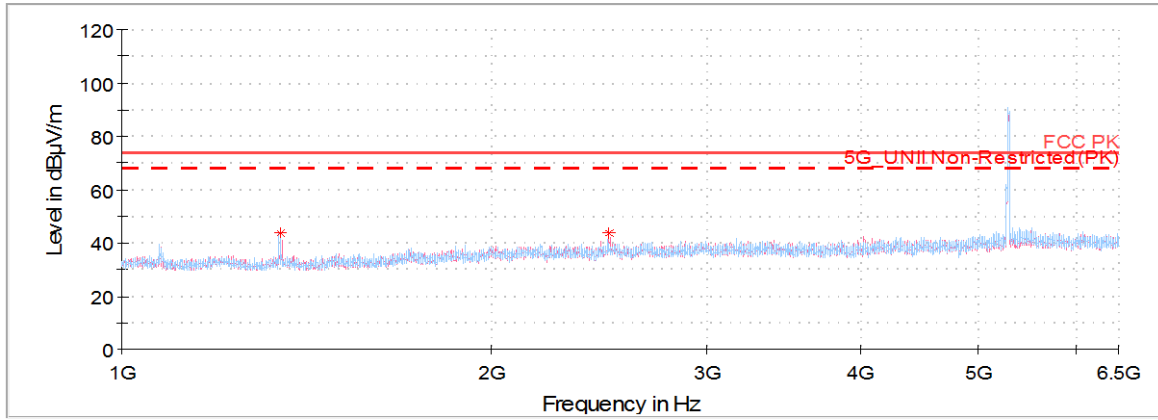
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KCTL**Middle Channel (5 280 MHz)**

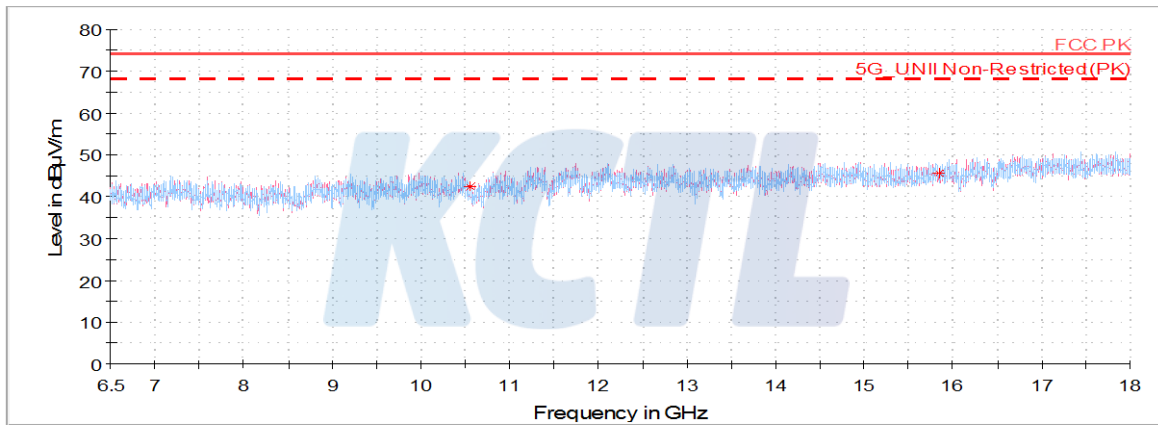
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 344.78 ¹⁾	H	52.40	2.80	-36.72	25.18	-	43.66	74.00	30.34
2 492.56 ¹⁾	V	47.10	3.78	-35.90	28.74	-	43.72	74.00	30.28
10 561.30	H	57.75	8.20	-61.58	38.07	-	42.44	68.20	25.76
15 841.59 ¹⁾	V	54.49	10.07	-56.80	37.94	-	45.70	74.00	28.30
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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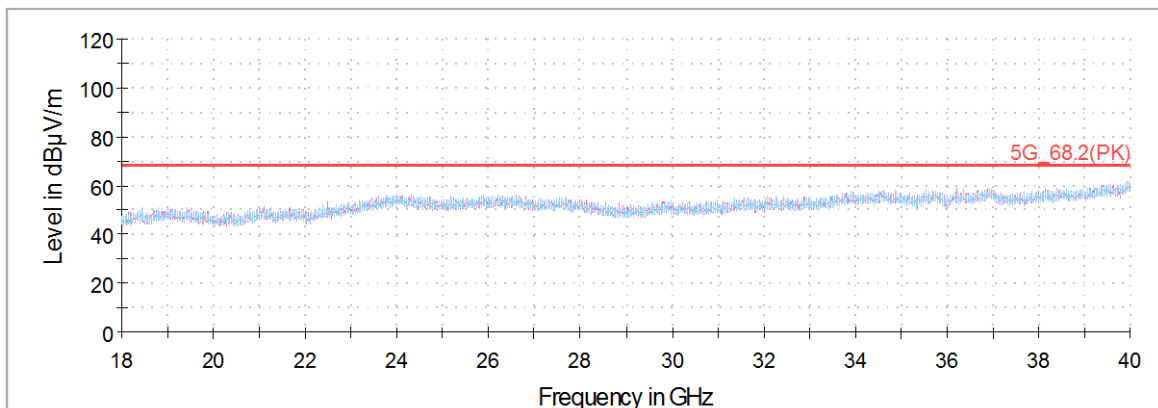
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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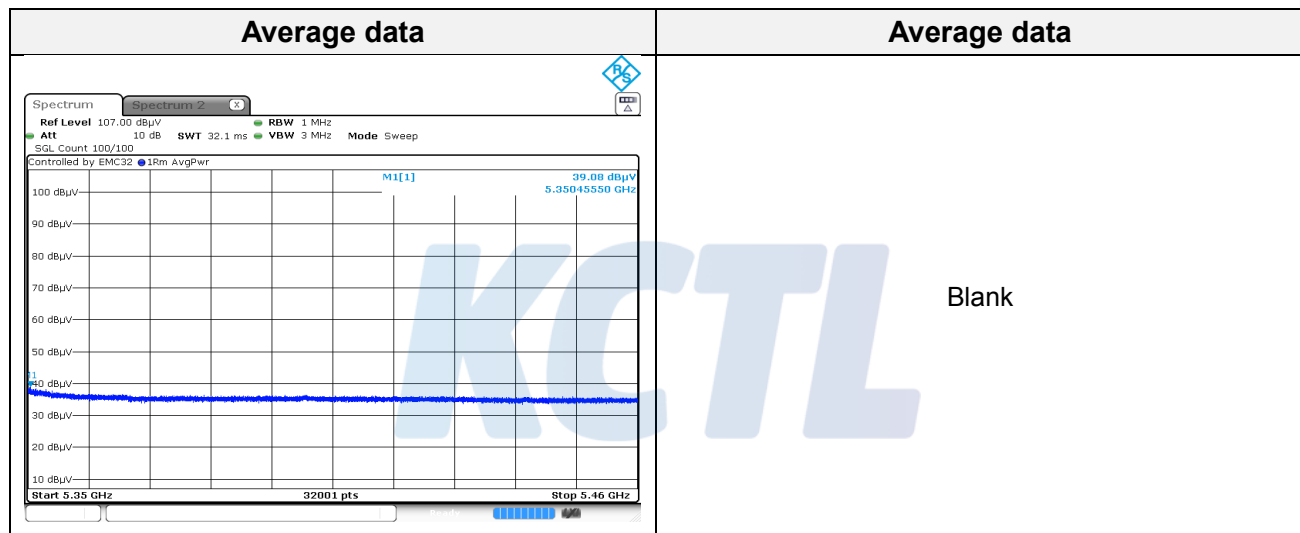
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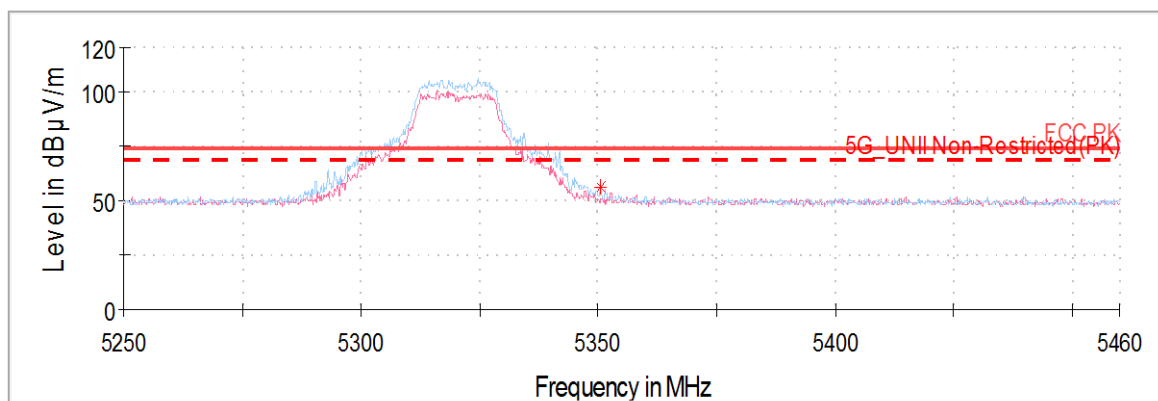


Highest Channel (5 320 MHz)

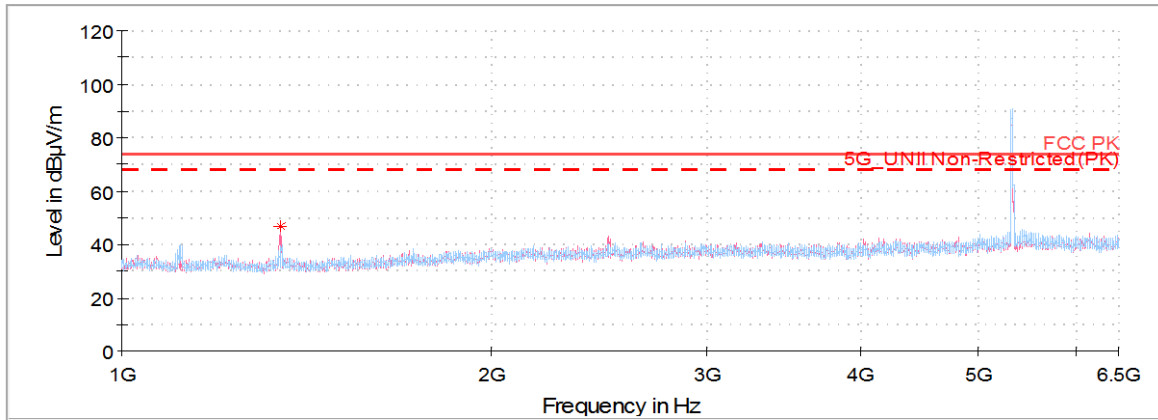
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data									
1 348.56 ¹⁾	V	55.62	2.80	-36.73	25.19	-	46.88	74.00	27.12
5 350.50 ¹⁾	H	49.65	5.69	-33.18	33.43	-	55.59	74.00	18.41
10 641.44 ¹⁾	H	56.61	8.24	-61.63	38.09	-	41.31	74.00	32.69
15 960.55 ¹⁾	H	55.18	10.11	-56.53	37.61	-	46.37	74.00	27.63
Average Data									
5 350.50 ¹⁾	H	39.08	5.69	-33.18	33.43	0.11	45.13	54.00	8.87



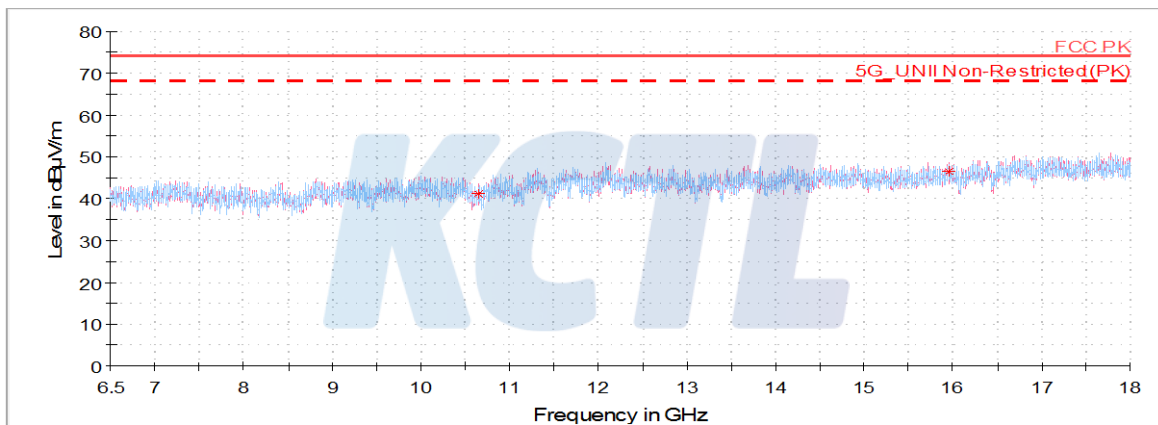
Horizontal/Vertical for Band-edge



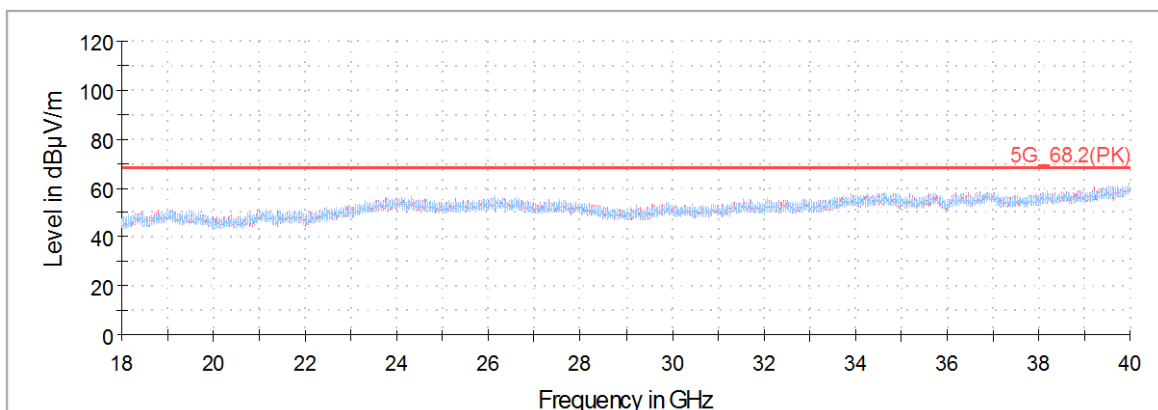
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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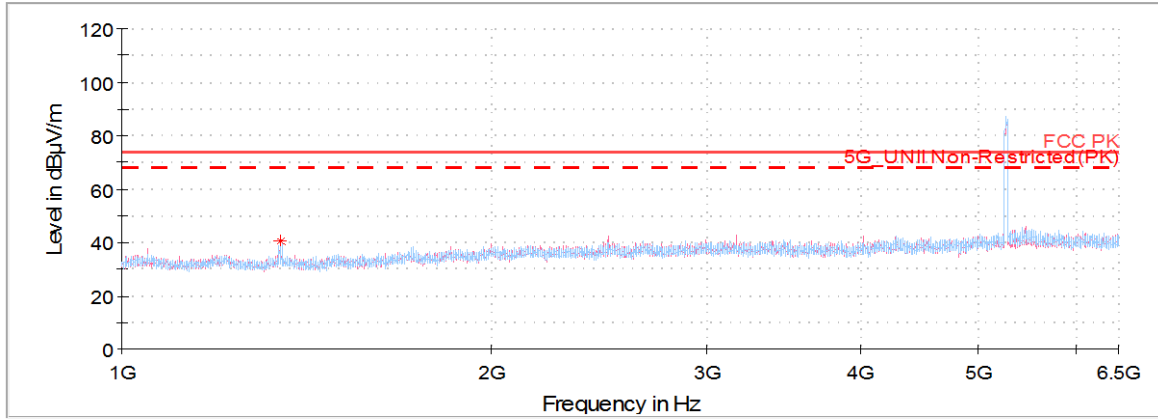
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KCTL**802.11n20 – ANT 0****Lowest Channel (5 260 MHz)**

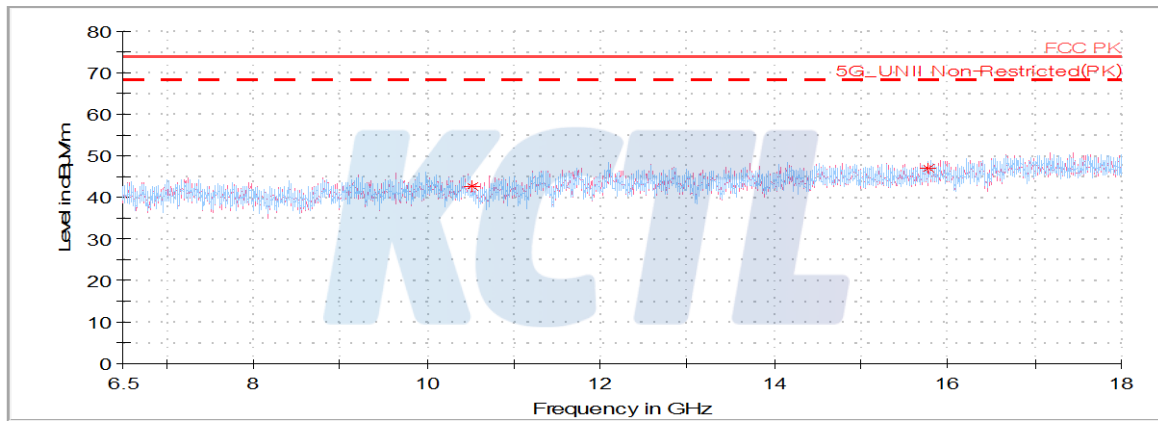
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 346.16 ¹⁾	H	49.27	2.80	-36.72	25.18	-	40.53	74.00	33.47
10 520.33	V	58.00	8.17	-61.55	38.06	-	42.68	68.20	25.52
15 781.94 ¹⁾	V	55.66	10.05	-56.94	38.11	-	46.88	74.00	27.12
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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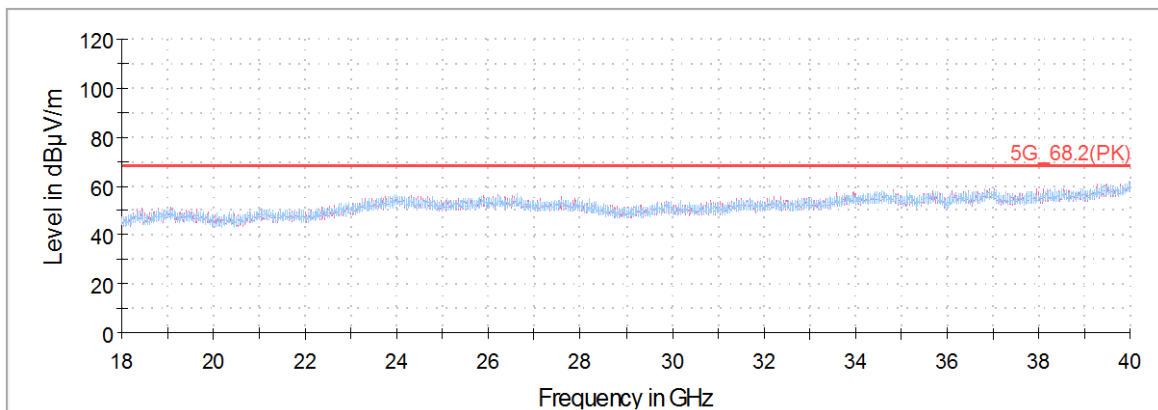
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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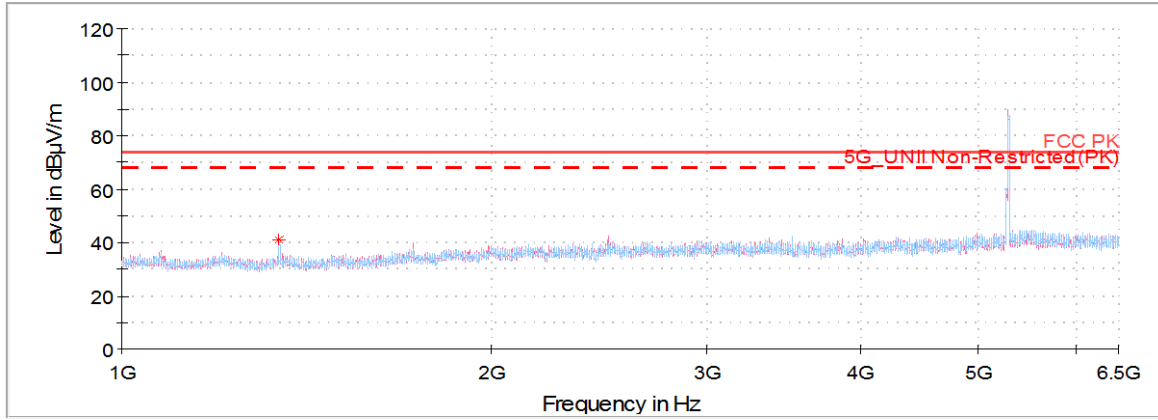
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**Middle Channel (5 280 MHz)**

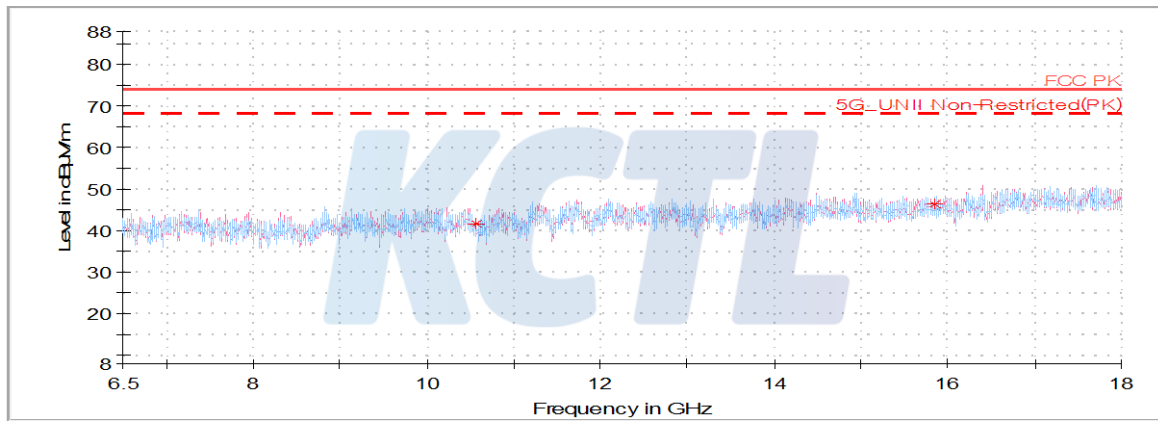
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data									
1 344.09 ¹⁾	H	49.52	2.80	-36.72	25.18	-	40.78	74.00	33.22
10 560.22	V	57.08	8.20	-61.58	38.07	-	41.77	68.20	26.43
15 840.88 ¹⁾	V	55.28	10.07	-56.81	37.95	-	46.49	74.00	27.51
Average Data									
No spurious emissions were detected within 20 dB of the limit.									



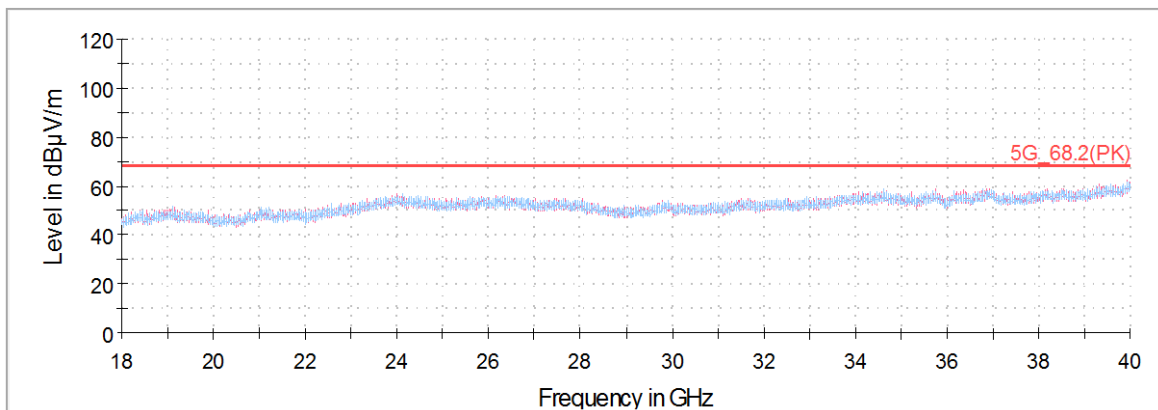
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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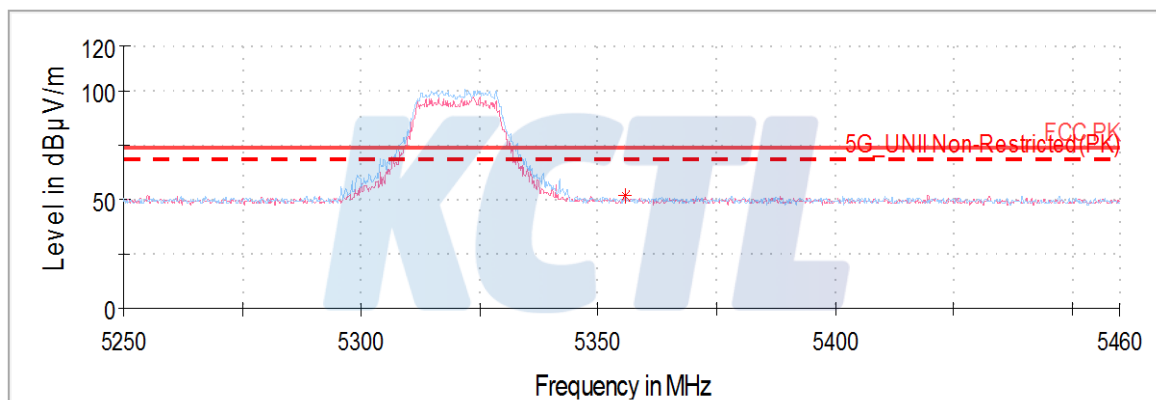
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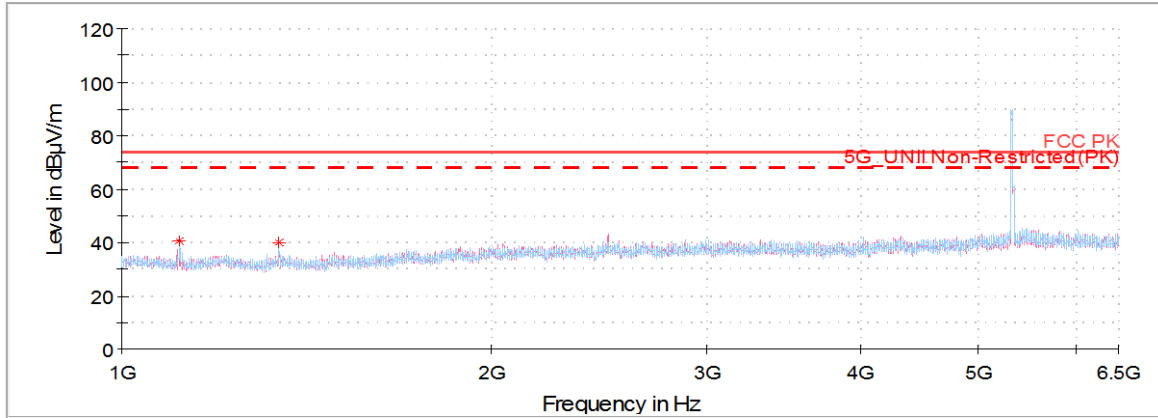
Highest Channel (5 320 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data									
1 114.64 ¹⁾	H	49.96	2.58	-36.03	24.26	-	40.77	74.00	33.23
1 344.09 ¹⁾	H	48.65	2.80	-36.72	25.18	-	39.91	74.00	34.09
5 355.66 ¹⁾	H	45.64	5.70	-33.23	33.43	-	51.54	74.00	22.46
10 641.08 ¹⁾	H	57.79	8.24	-61.63	38.09	-	42.49	74.00	31.51
15 959.83 ¹⁾	H	57.02	10.11	-56.53	37.61	-	48.21	74.00	25.79
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

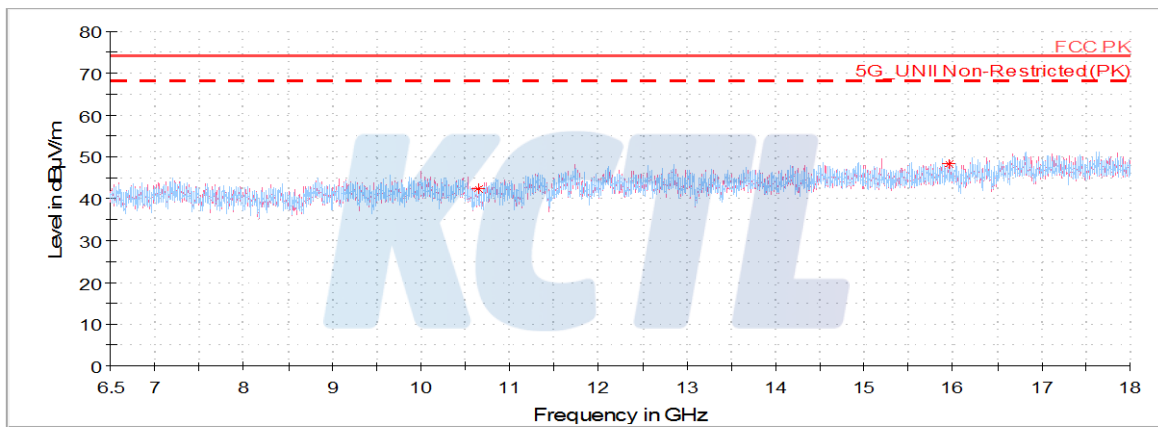
Horizontal/Vertical for Band-edge



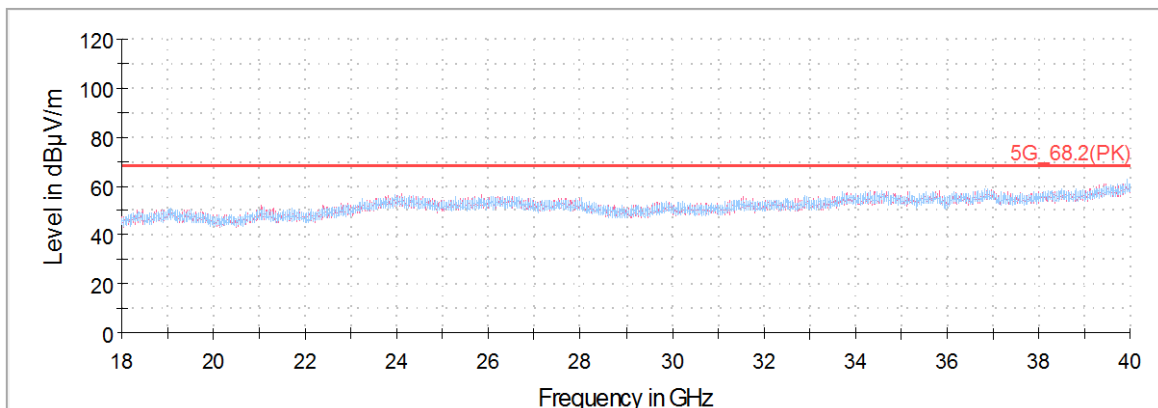
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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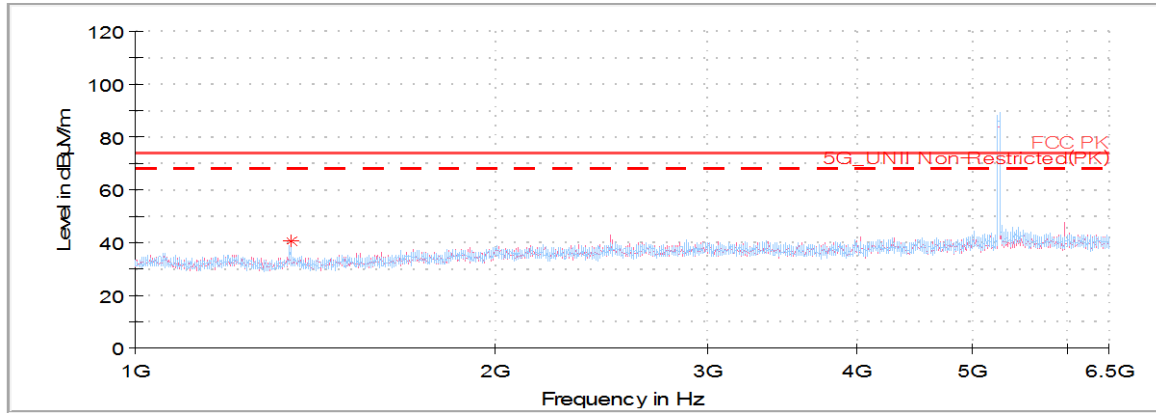
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KCTL**802.11n20 – ANT 1****Lowest Channel (5 260 MHz)**

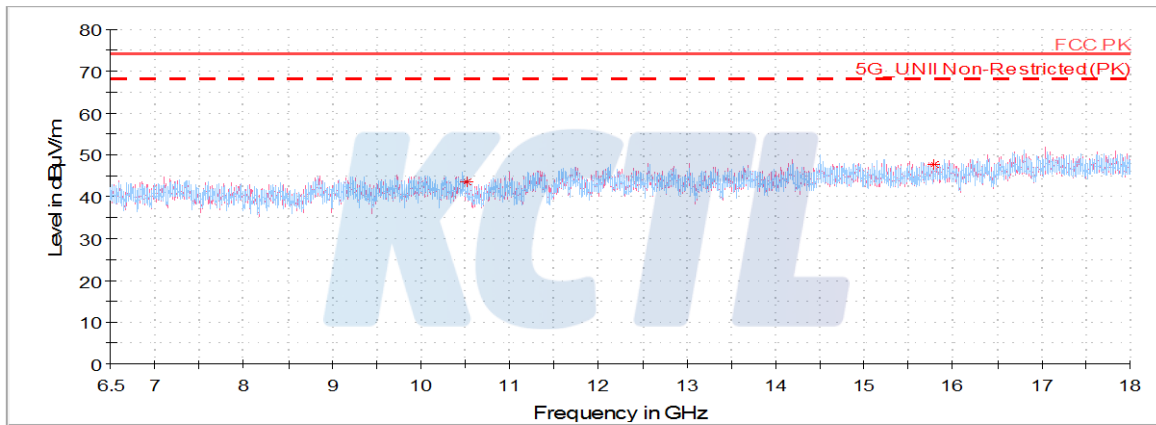
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 349.08 ¹⁾	H	49.17	2.80	-36.74	25.20	-	40.43	74.00	33.57
10 519.61	H	58.97	8.17	-61.55	38.06	-	43.65	68.20	24.55
15 781.58 ¹⁾	V	56.44	10.05	-56.94	38.11	-	47.66	74.00	26.34
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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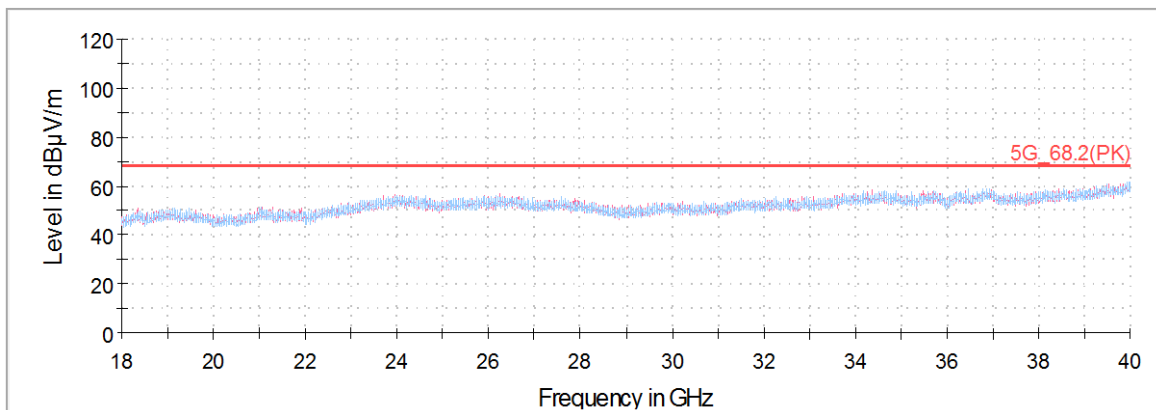
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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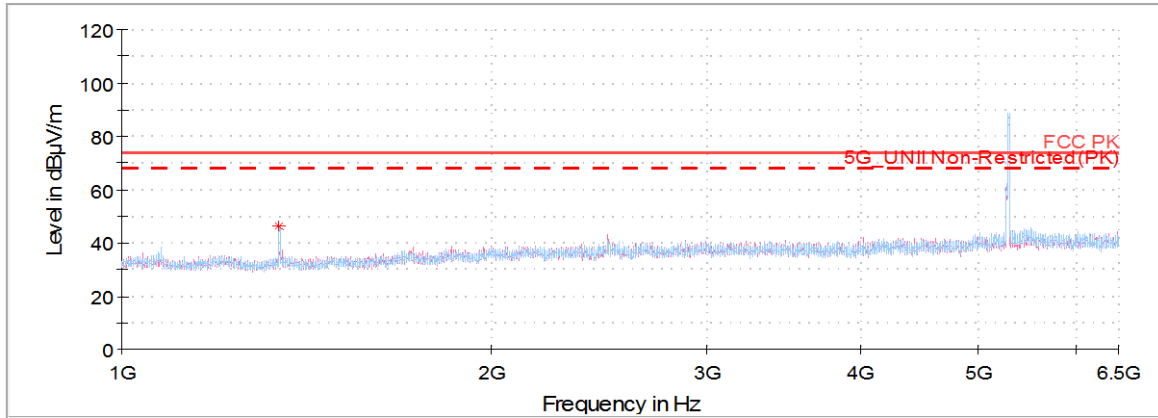
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KCTL**Middle Channel (5 280 MHz)**

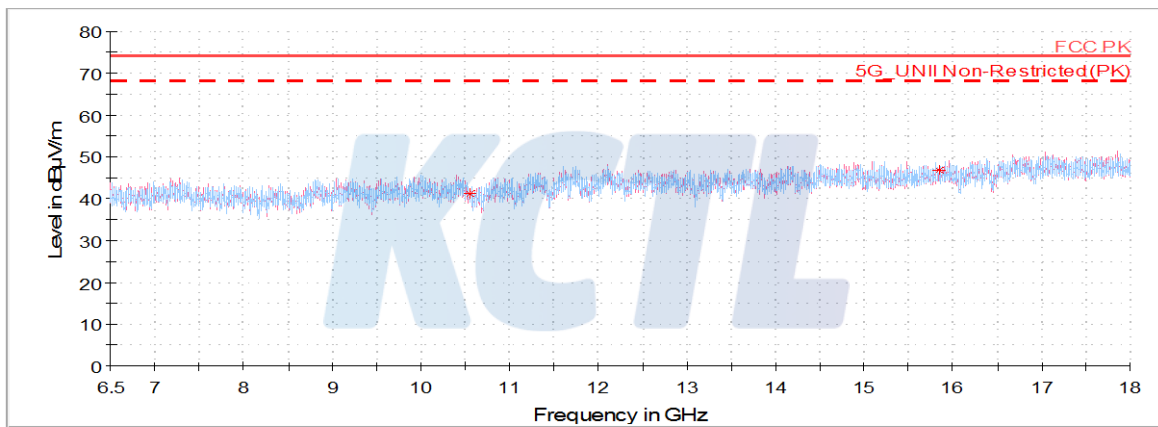
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 344.61 ¹⁾	H	54.88	2.80	-36.72	25.18	-	46.14	74.00	27.86
10 560.58	V	56.46	8.20	-61.58	38.07	-	41.15	68.20	27.05
15 841.23 ¹⁾	H	55.56	10.07	-56.80	37.94	-	46.77	74.00	27.23
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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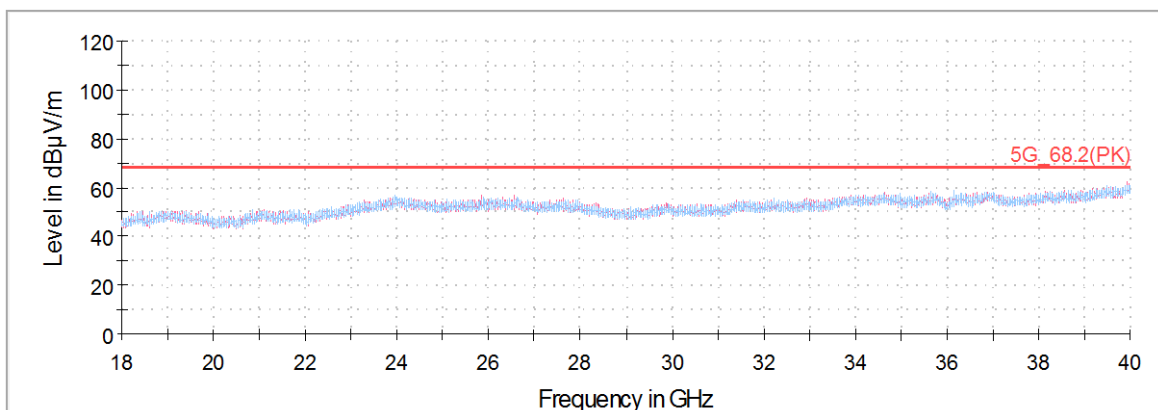
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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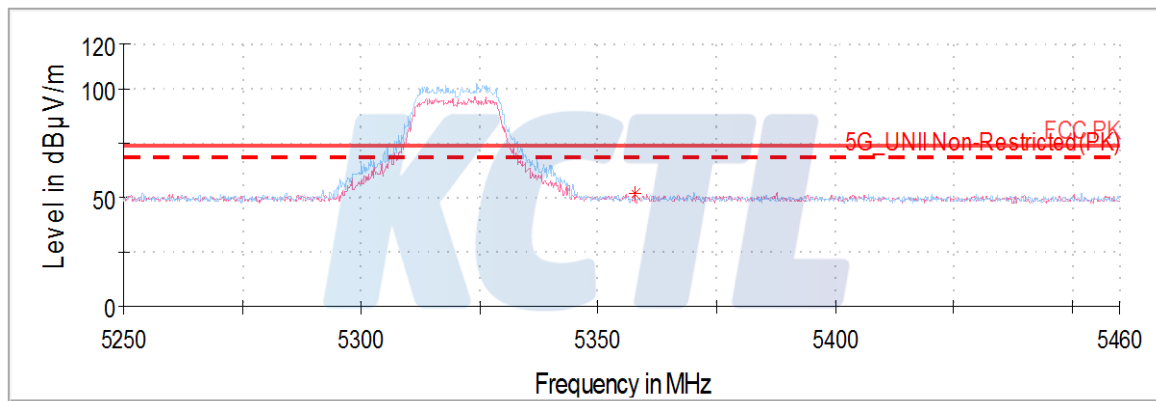
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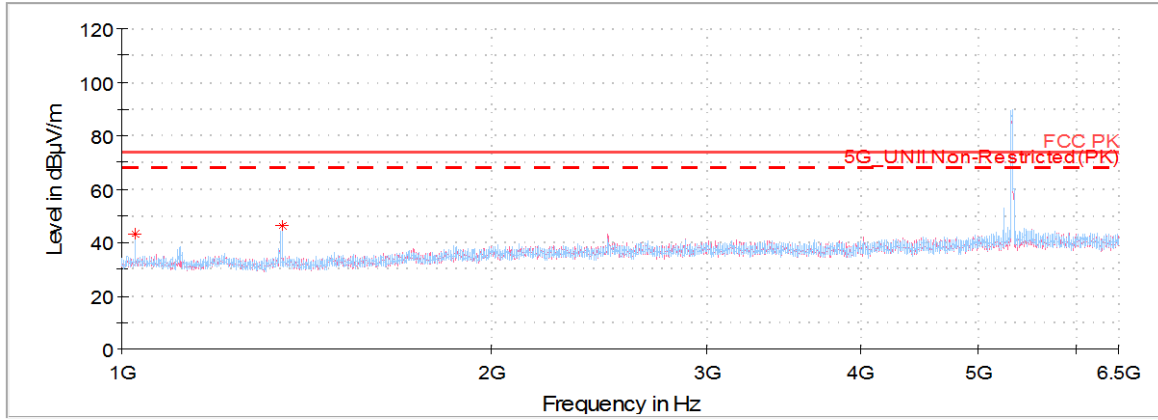
Highest Channel (5 320 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data									
1 025.27 ¹⁾	H	52.17	2.49	-35.59	23.90	-	42.97	74.00	31.03
1 349.94 ¹⁾	H	54.81	2.80	-36.74	25.20	-	46.07	74.00	27.93
5 357.72 ¹⁾	V	45.44	5.70	-33.25	33.44	-	51.33	74.00	22.67
10 640.72 ¹⁾	H	57.92	8.24	-61.63	38.09	-	42.62	74.00	31.38
15 961.27 ¹⁾	H	55.07	10.11	-56.53	37.61	-	46.26	74.00	27.74
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

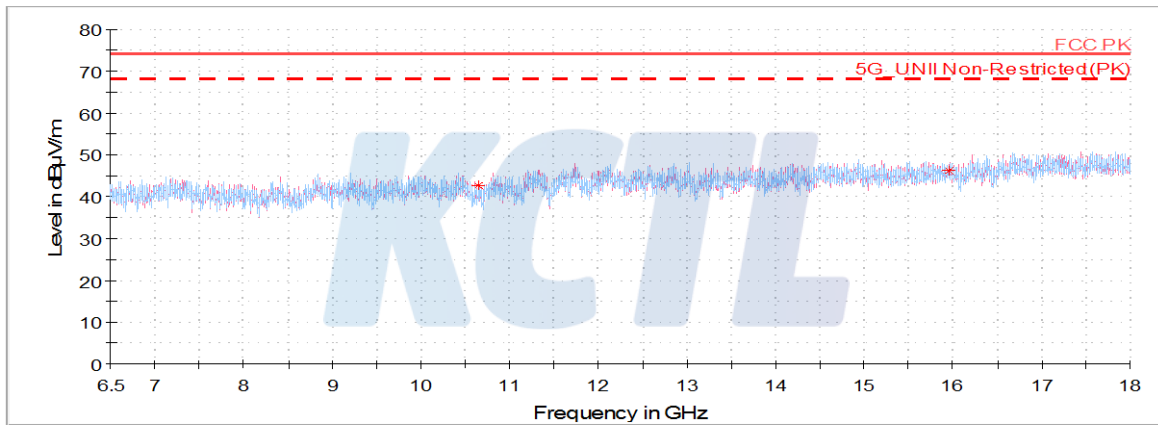
Horizontal/Vertical for Band-edge



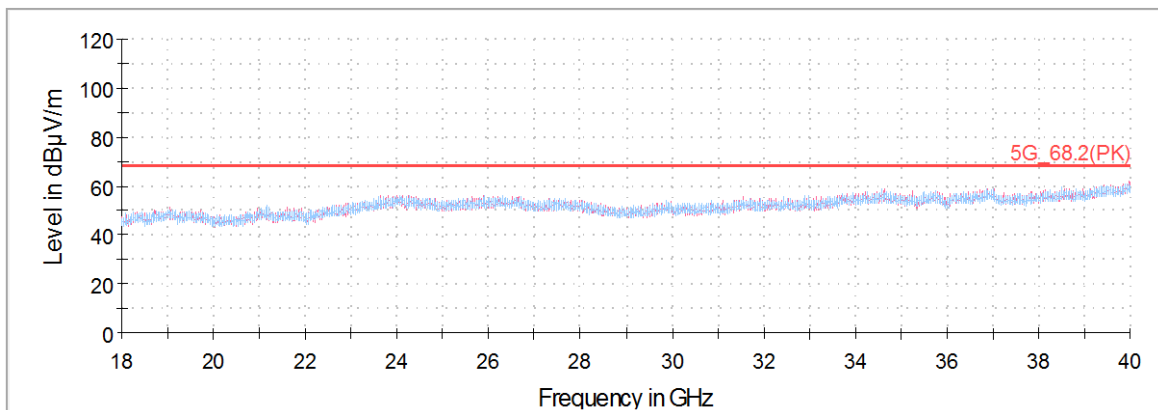
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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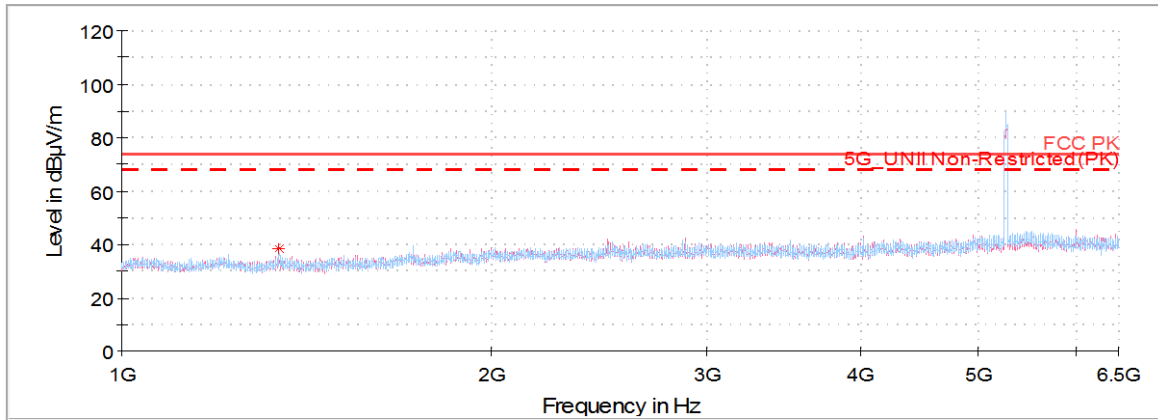
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KCTL**802.11n20 – MIMO****Lowest Channel (5 260 MHz)**

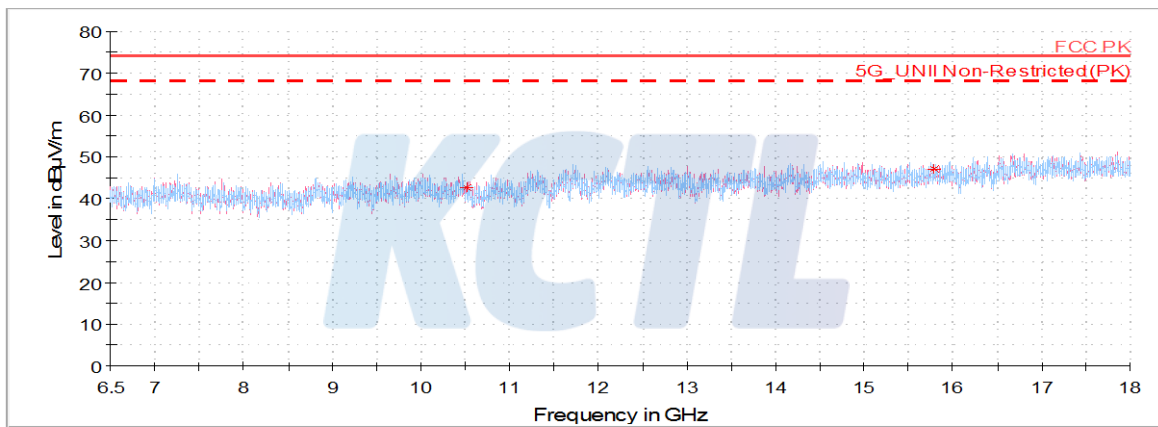
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data									
1 343.92 ¹⁾	H	47.28	2.80	-36.72	25.18	-	38.54	74.00	35.46
10 520.33	H	57.87	8.17	-61.55	38.06	-	42.55	68.20	25.65
15 779.42 ¹⁾	H	56.01	10.05	-56.95	38.12	-	47.23	74.00	26.77
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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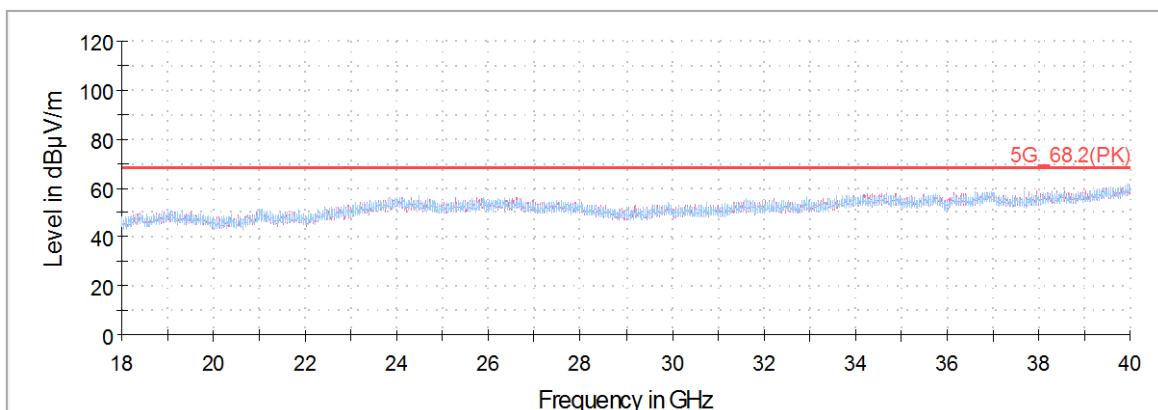
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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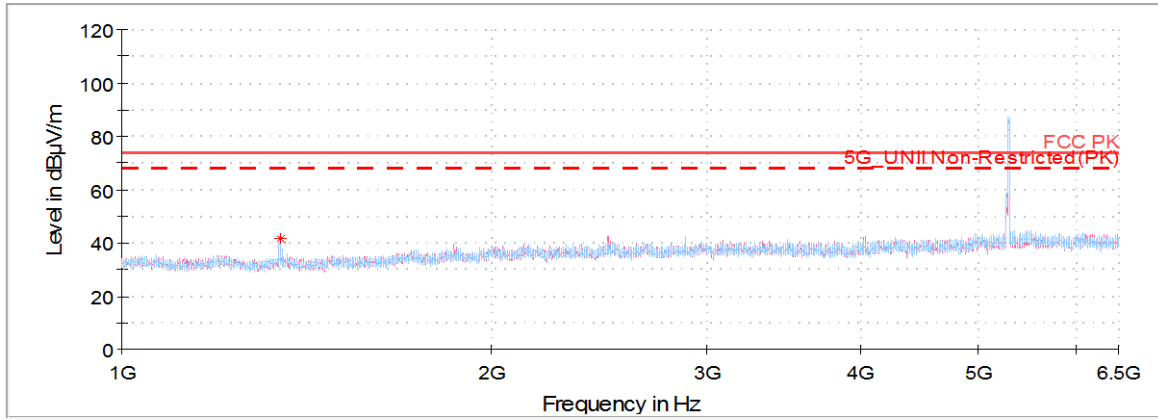
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KCTL**Middle Channel (5 280 MHz)**

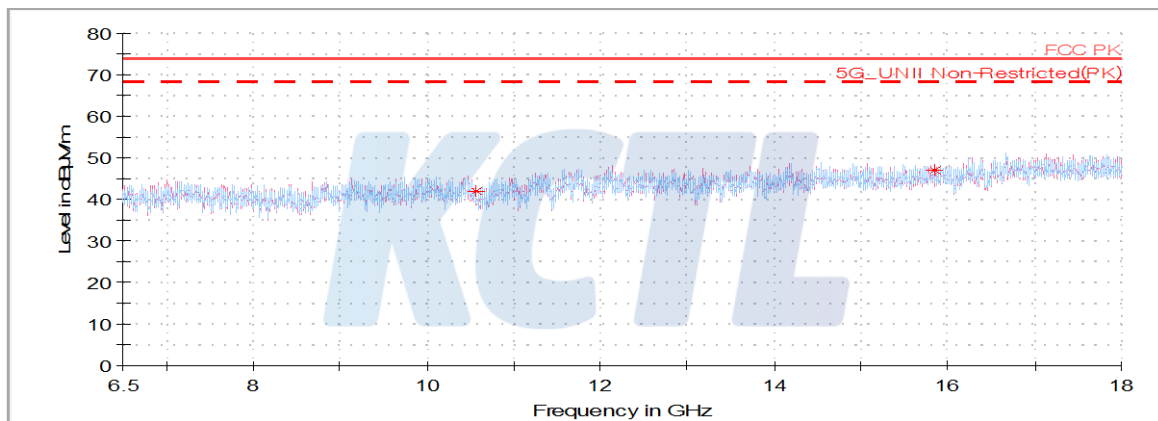
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data									
1 348.39 ¹⁾	H	50.13	2.80	-36.73	25.19	-	41.39	74.00	32.61
10 559.86	H	57.34	8.19	-61.57	38.07	-	42.03	68.20	26.17
15 842.31 ¹⁾	V	55.68	10.07	-56.80	37.94	-	46.89	74.00	27.11
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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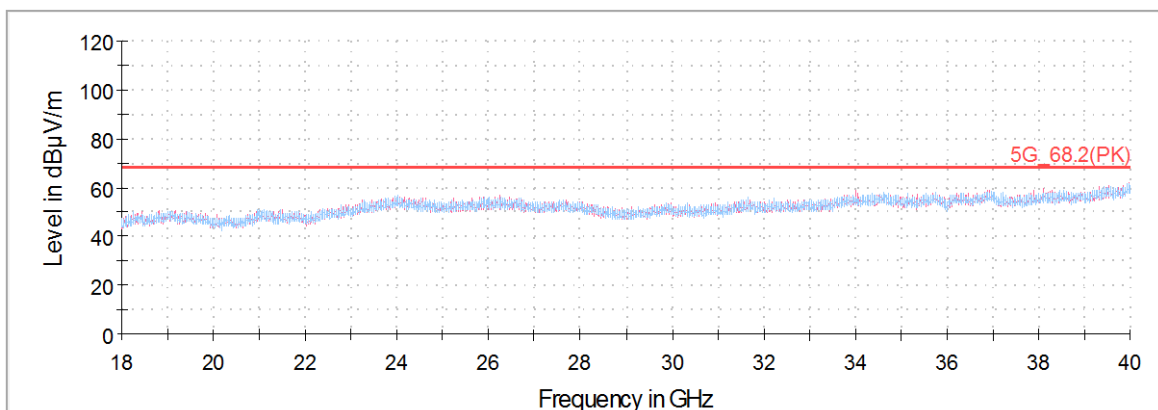
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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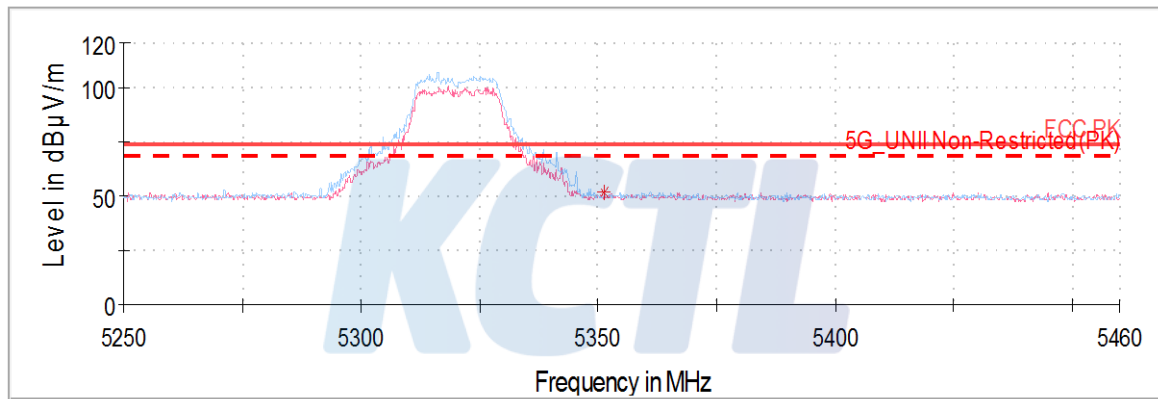
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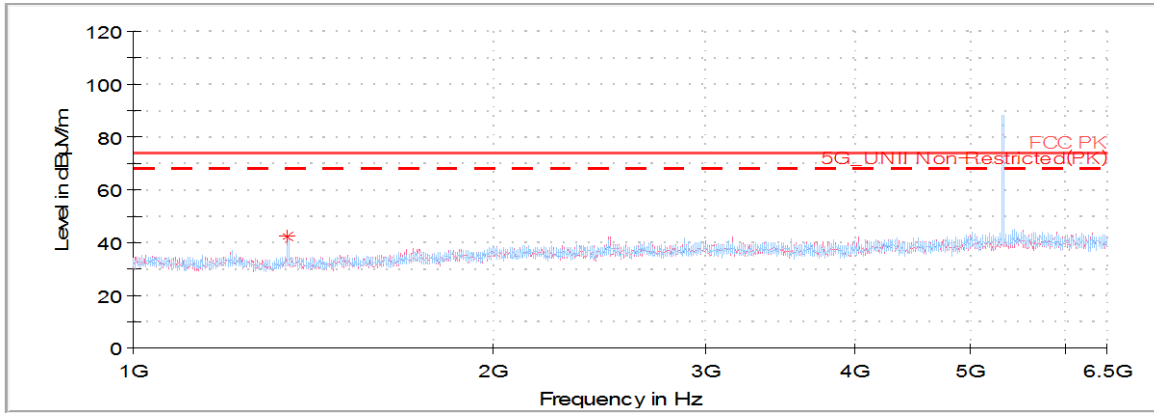
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**Highest Channel (5 320 MHz)**

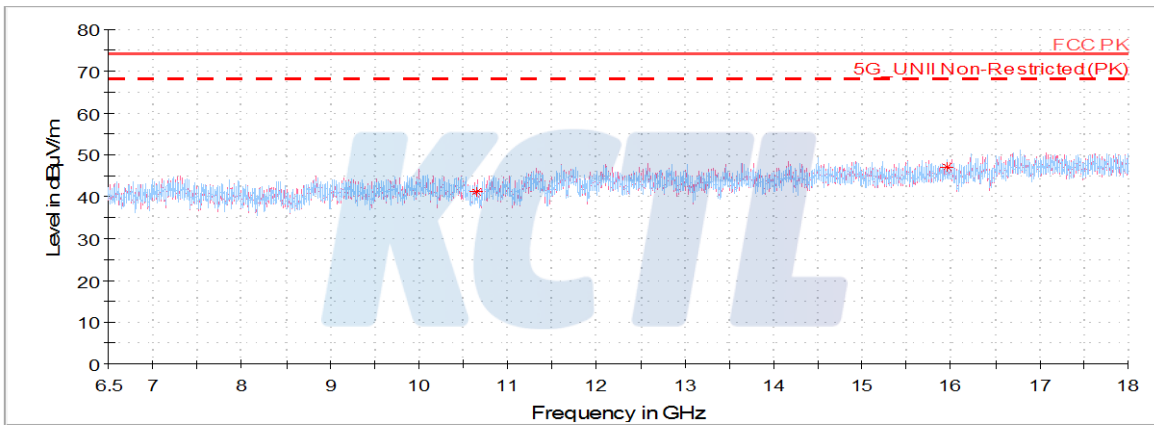
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data									
1 344.61 ¹⁾	V	51.09	2.80	-36.72	25.18	-	42.35	74.00	31.65
5 351.36 ¹⁾	V	45.81	5.69	-33.19	33.43	-	51.74	74.00	22.26
10 640.00 ¹⁾	V	56.43	8.24	-61.63	38.09	-	41.13	74.00	32.87
15 960.19 ¹⁾	V	55.97	10.11	-56.53	37.61	-	47.16	74.00	26.84
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

Horizontal/Vertical for Band-edge

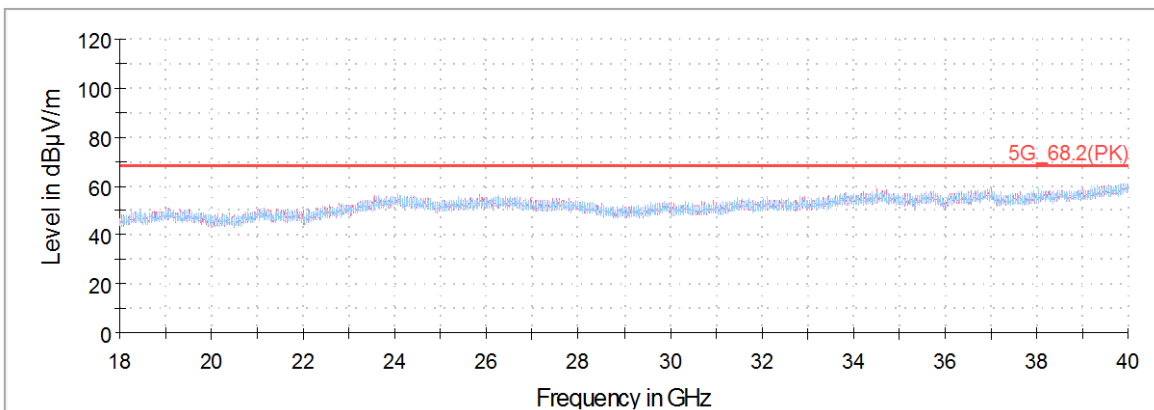
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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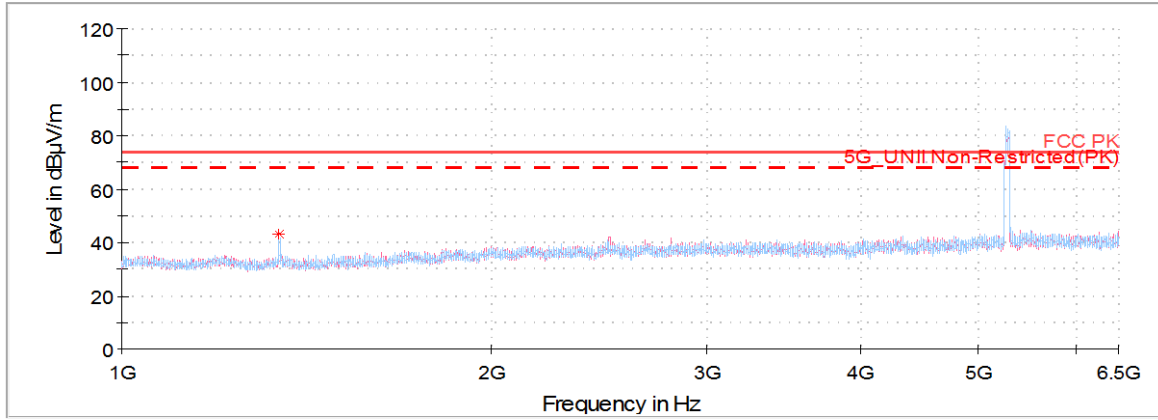
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KCTL**802.11n40 – ANT 0****Lowest Channel (5 270 MHz)**

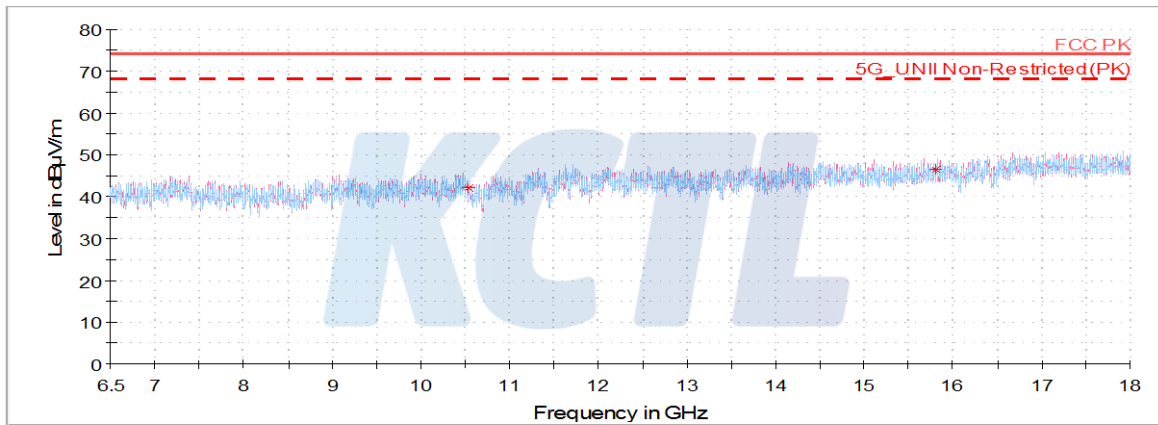
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data									
1 344.27 ¹⁾	H	51.84	2.80	-36.72	25.18	-	43.10	74.00	30.90
10 541.17	H	57.37	8.19	-61.57	38.06	-	42.05	68.20	26.15
15 810.69 ¹⁾	H	55.32	10.06	-56.88	38.03	-	46.53	74.00	27.47
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

KCTL

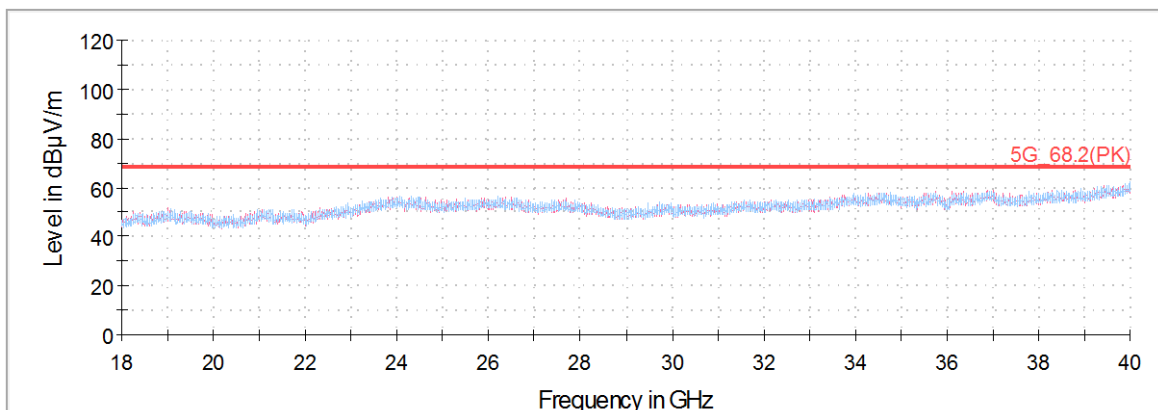
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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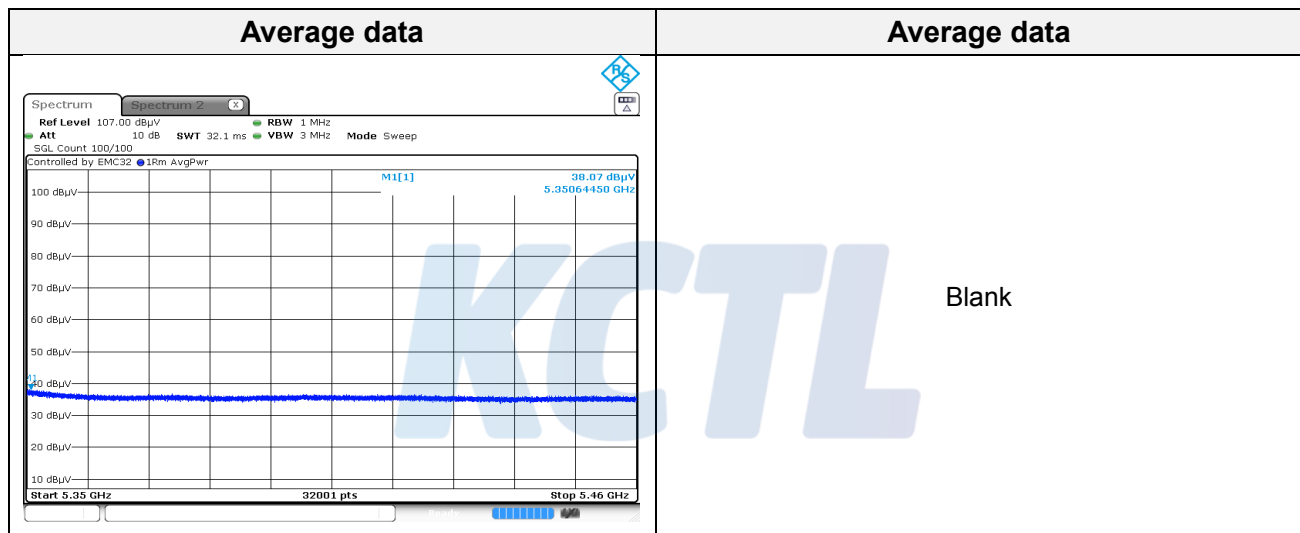
Report No.:
KR19-SRF0029-B

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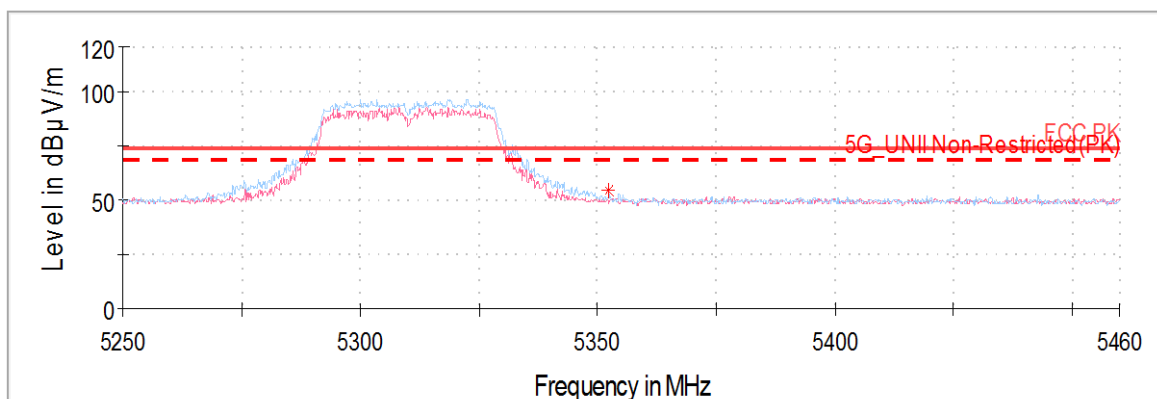


Highest Channel (5 310 MHz)

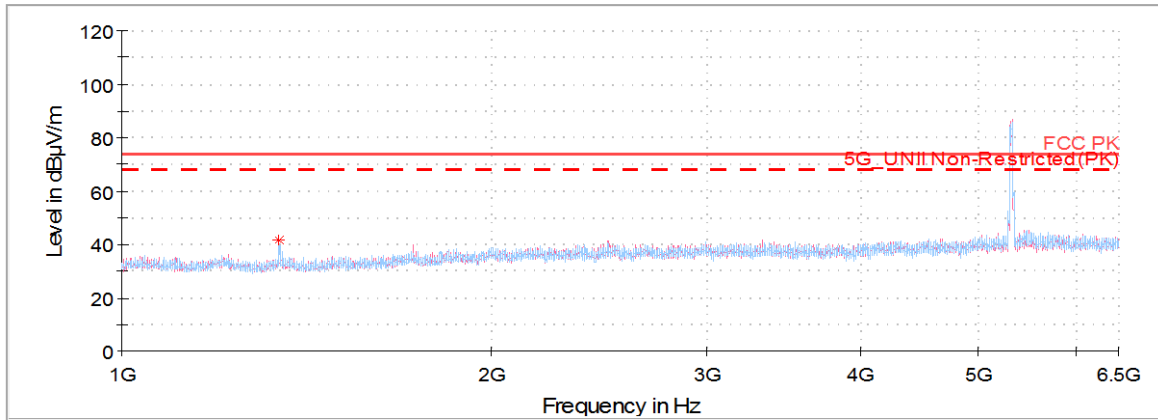
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data									
1 344.44 ¹⁾	H	50.13	2.80	-36.72	25.18	-	41.39	74.00	32.61
5 352.39 ¹⁾	H	48.10	5.69	-33.20	33.43	-	54.02	74.00	19.98
10 619.52 ¹⁾	V	56.83	8.22	-61.62	38.09	-	41.52	74.00	32.48
15 929.28 ¹⁾	H	56.80	10.10	-56.60	37.70	-	48.00	74.00	26.00
Average Data									
5 352.39 ¹⁾	H	38.07	5.69	-33.20	33.43	0.34	44.33	54.00	9.67



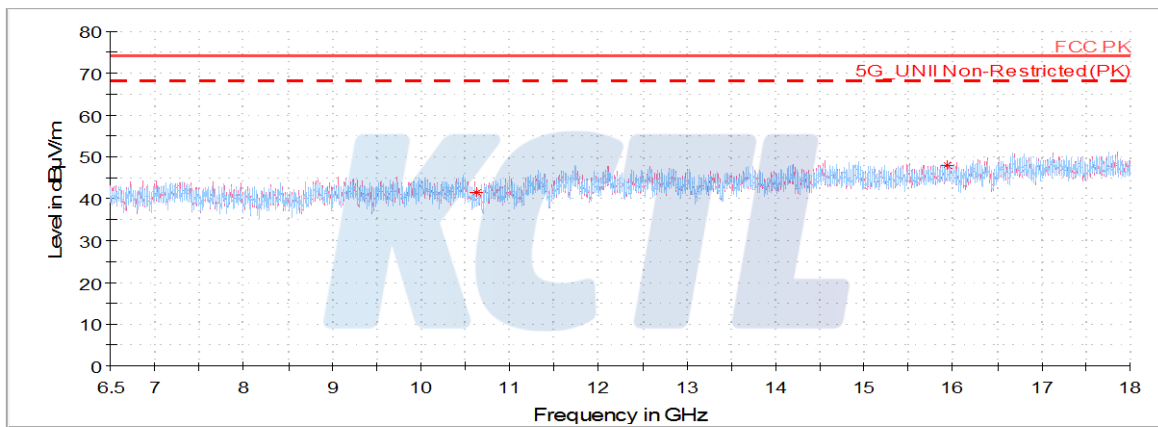
Horizontal/Vertical for Band-edge



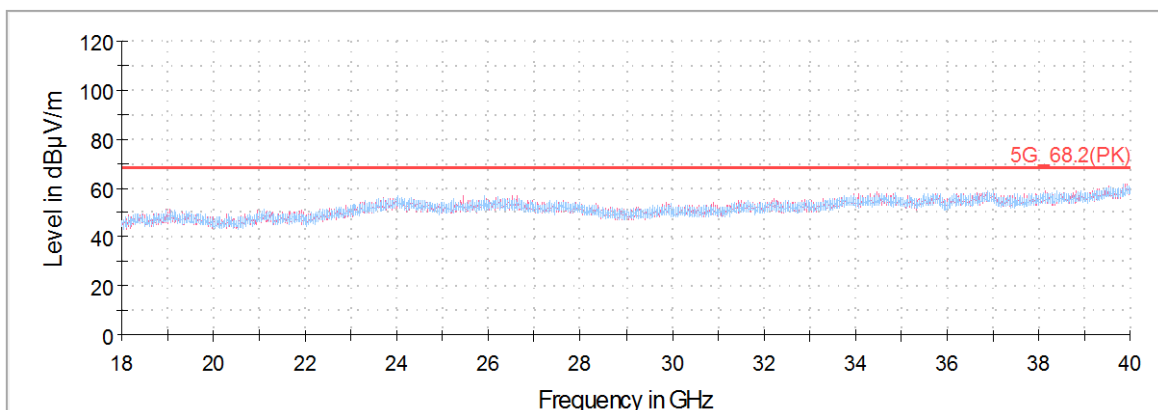
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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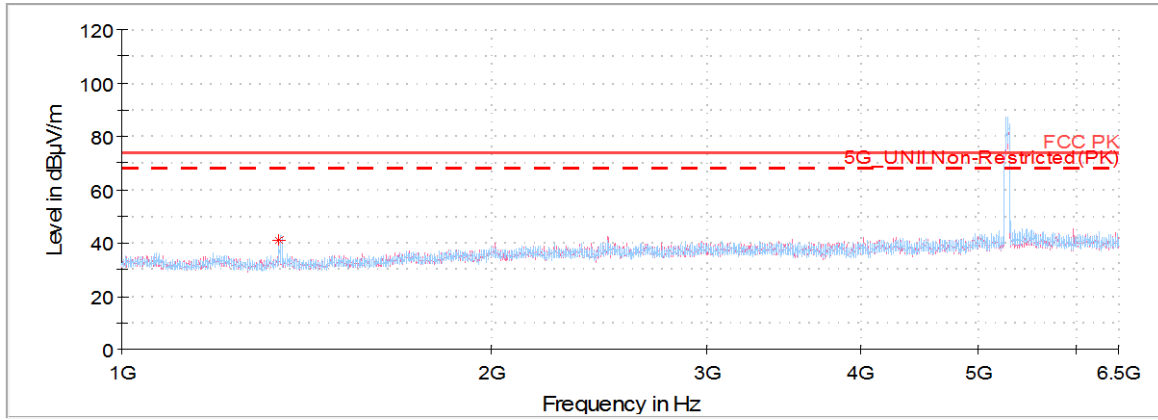
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KCTL**802.11n40 – ANT 1****Lowest Channel (5 270 MHz)**

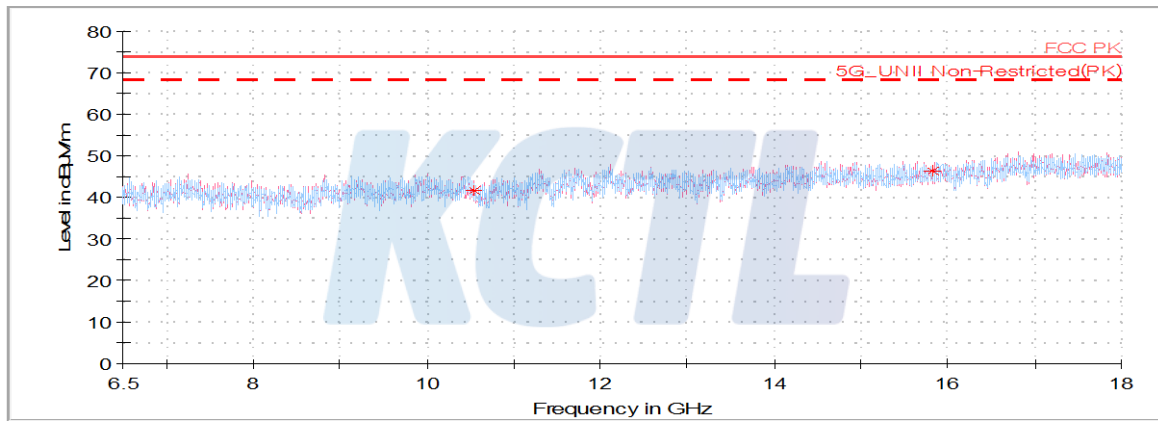
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data									
1 344.09 ¹⁾	H	50.03	2.80	-36.72	25.18	-	41.29	74.00	32.71
10 541.17	H	57.08	8.19	-61.57	38.06	-	41.76	68.20	26.44
15 810.69 ¹⁾	V	54.99	10.06	-56.88	38.03	-	46.20	74.00	27.80
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

KCTL

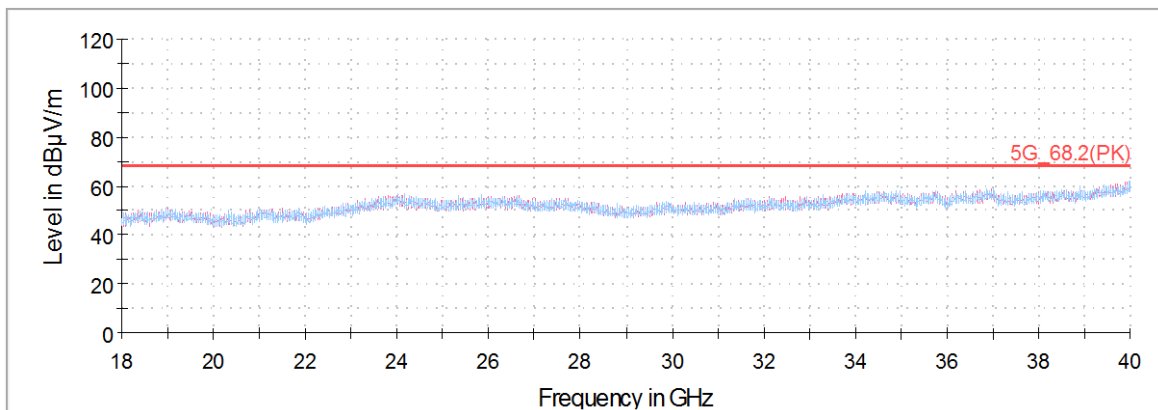
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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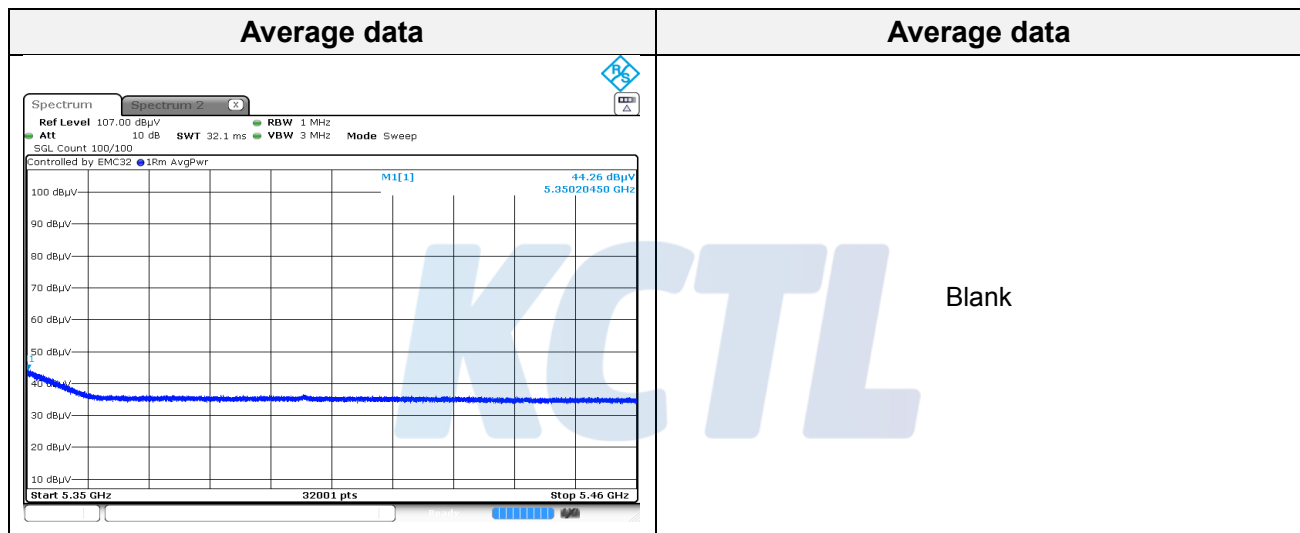
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KR19-SRF0029-B

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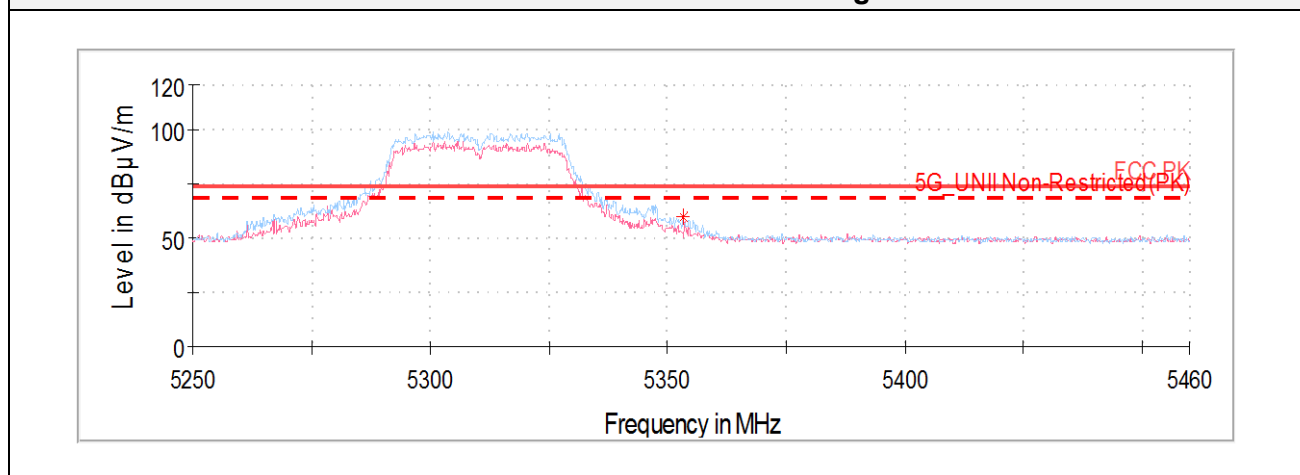


Highest Channel (5 310 MHz)

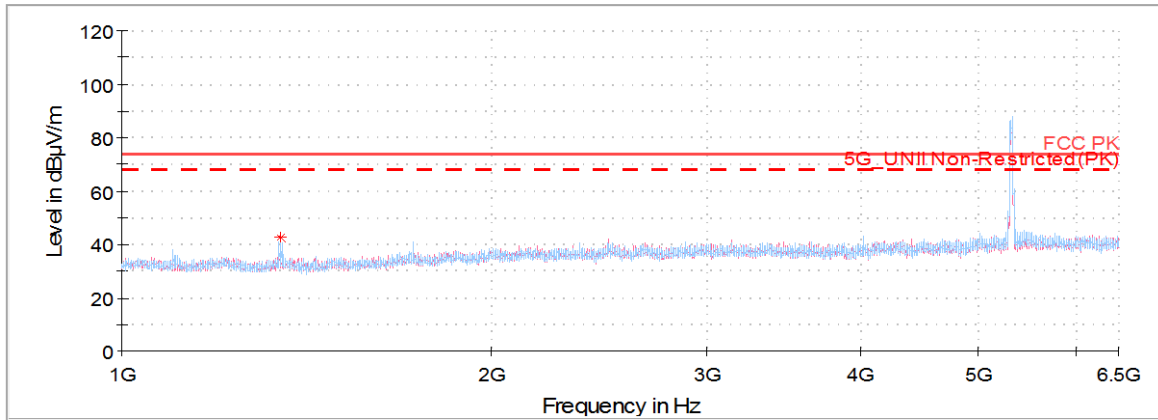
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data									
1 347.02 ¹⁾	H	51.16	2.80	-36.73	25.19	-	42.42	74.00	31.58
5 353.25 ¹⁾	H	54.08	5.69	-33.20	33.43	-	60.00	74.00	14.00
10 619.88 ¹⁾	V	57.47	8.23	-61.63	38.09	-	42.16	74.00	31.84
15 931.44 ¹⁾	H	55.97	10.10	-56.59	37.69	-	47.17	74.00	26.83
Average Data									
5 353.25 ¹⁾	H	44.26	5.69	-33.20	33.43	0.34	50.52	54.00	3.48



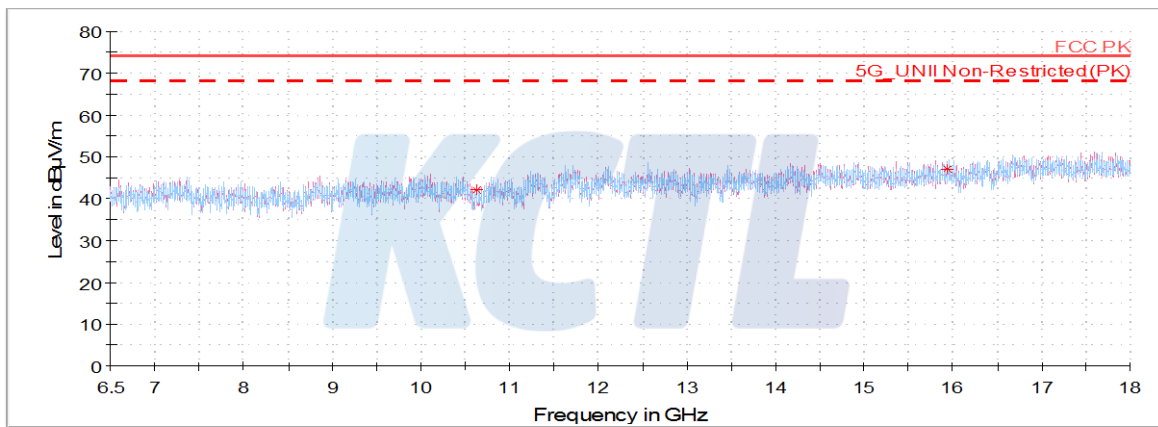
Horizontal/Vertical for Band-edge



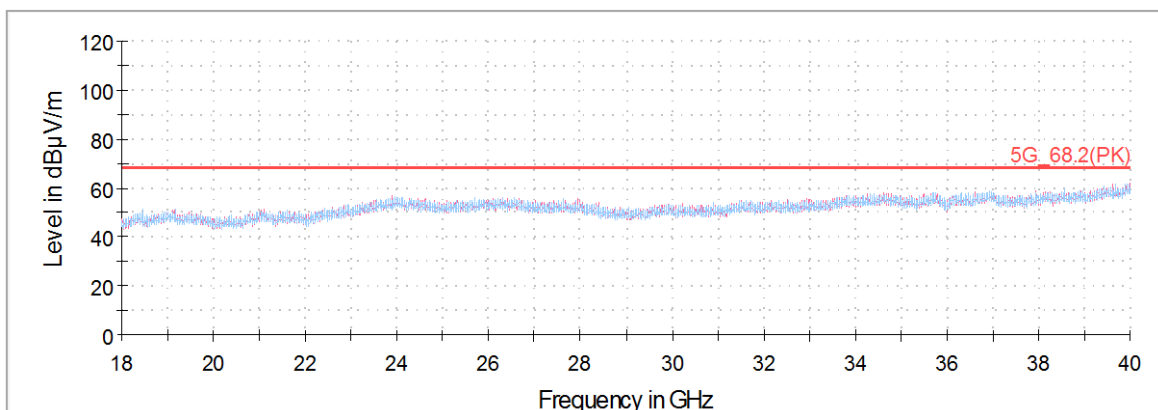
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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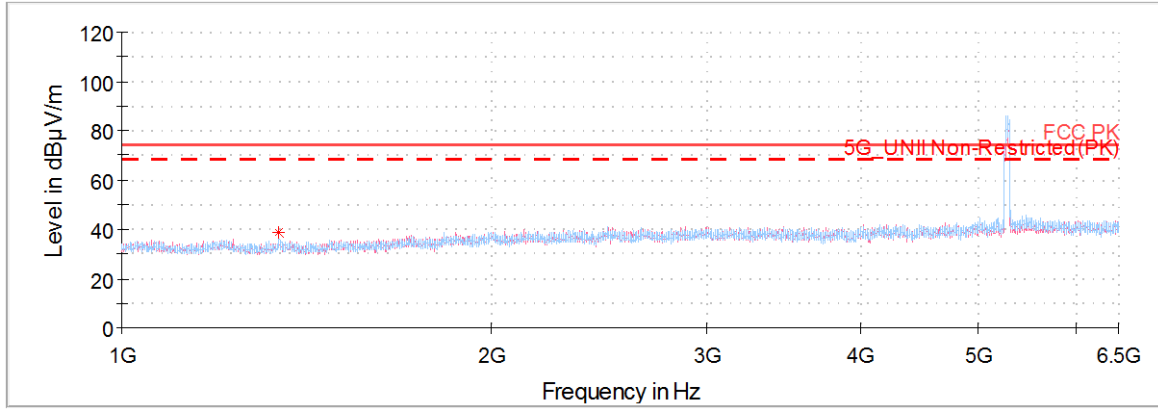
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KCTL**802.11n40 – MIMO****Lowest Channel (5 270 MHz)**

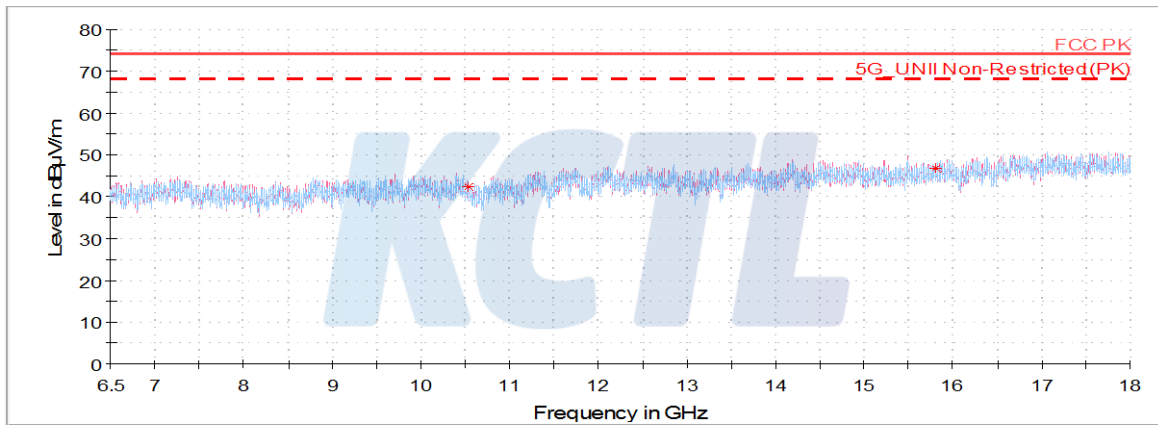
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 343.92 ¹⁾	H	47.37	2.80	-36.72	25.18	-	38.63	74.00	35.37
10 539.38	V	57.75	8.18	-61.56	38.06	-	42.43	68.20	25.77
15 809.97 ¹⁾	H	55.49	10.06	-56.88	38.03	-	46.70	74.00	27.30
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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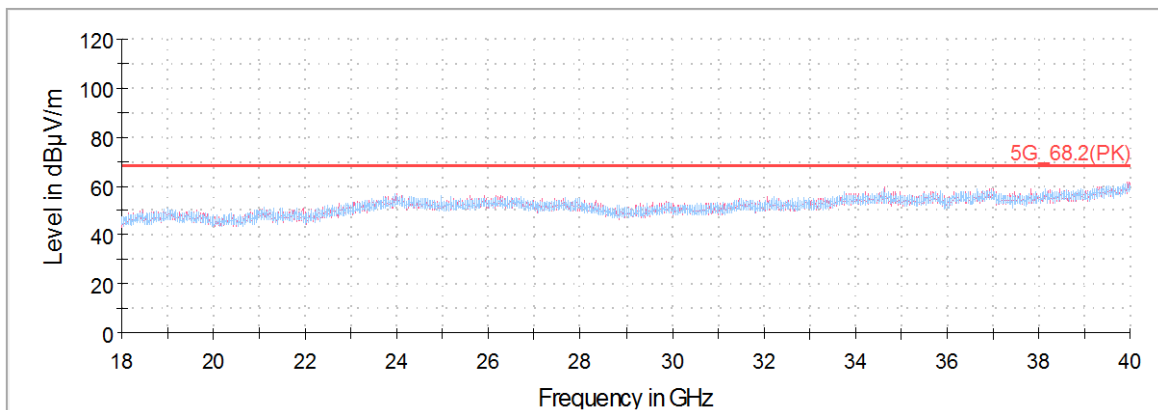
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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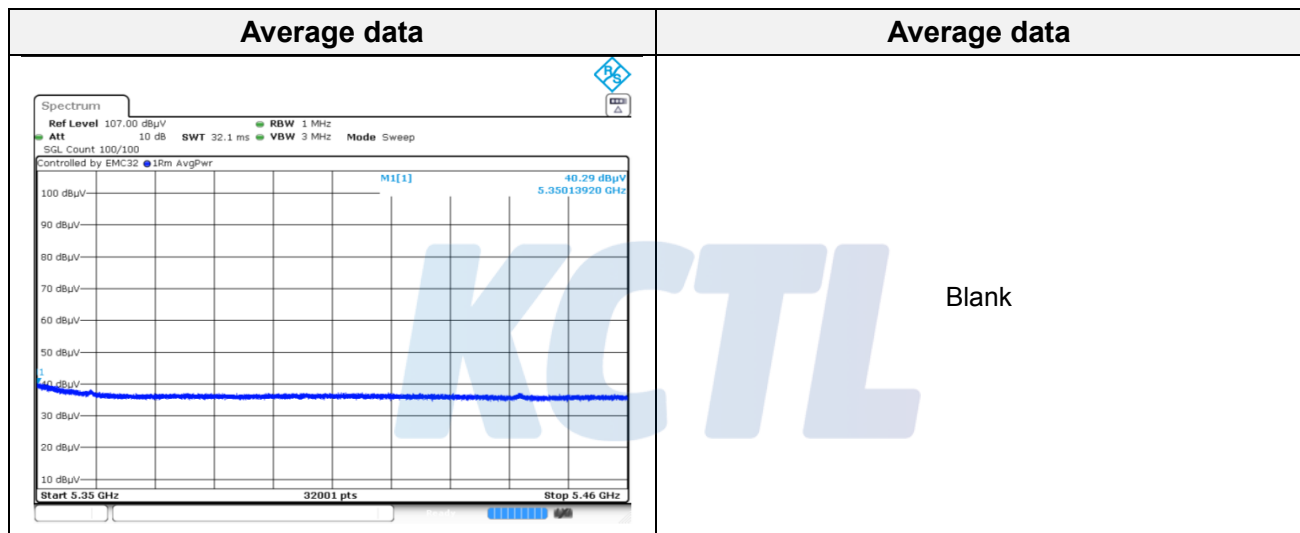
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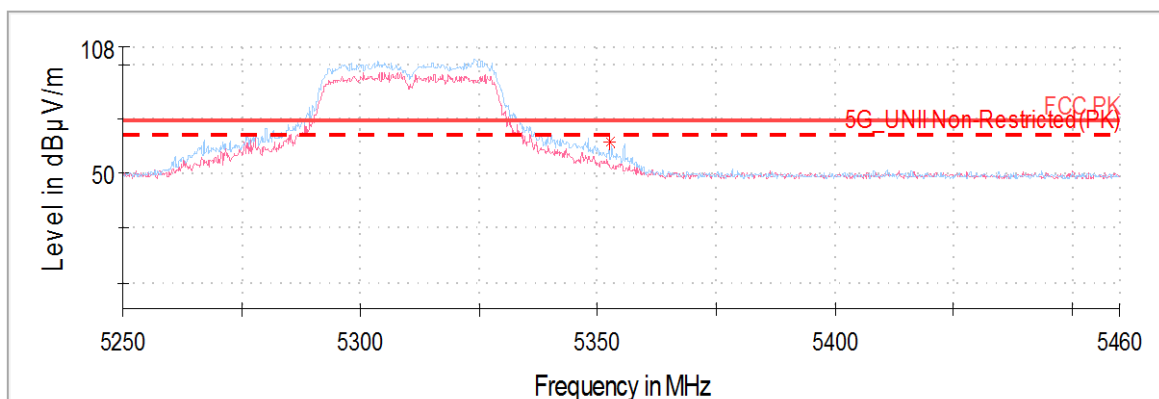


Highest Channel (5 310 MHz)

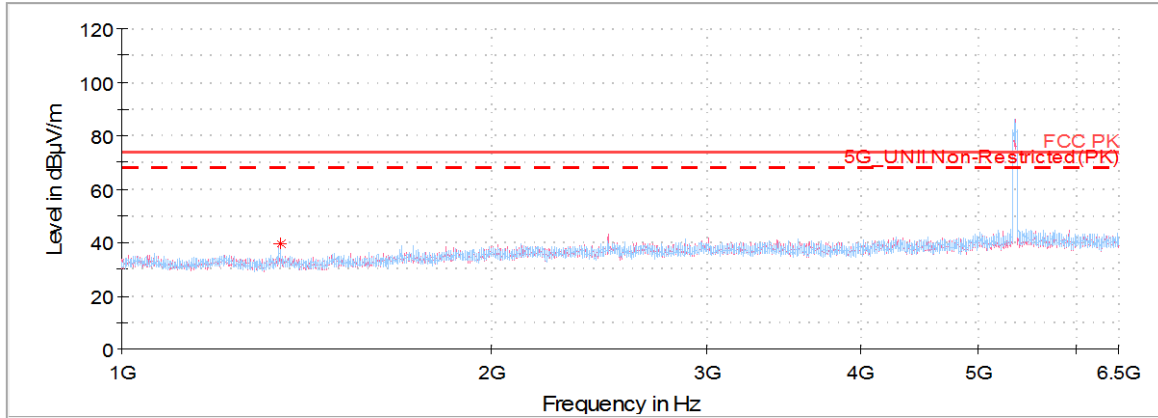
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data									
1 348.05 ¹⁾	V	48.34	2.80	-36.73	25.19	-	39.60	74.00	34.40
5 352.56 ¹⁾	H	58.45	5.69	-33.20	33.43	-	64.37	74.00	9.63
10 620.23 ¹⁾	H	56.16	8.23	-61.63	38.09	-	40.85	74.00	33.15
15 930.00 ¹⁾	V	54.58	10.10	-56.60	37.70	-	45.78	74.00	28.22
Average Data									
5 352.56 ¹⁾	H	40.29	5.69	-33.20	33.43	0.34	46.55	54.00	7.45



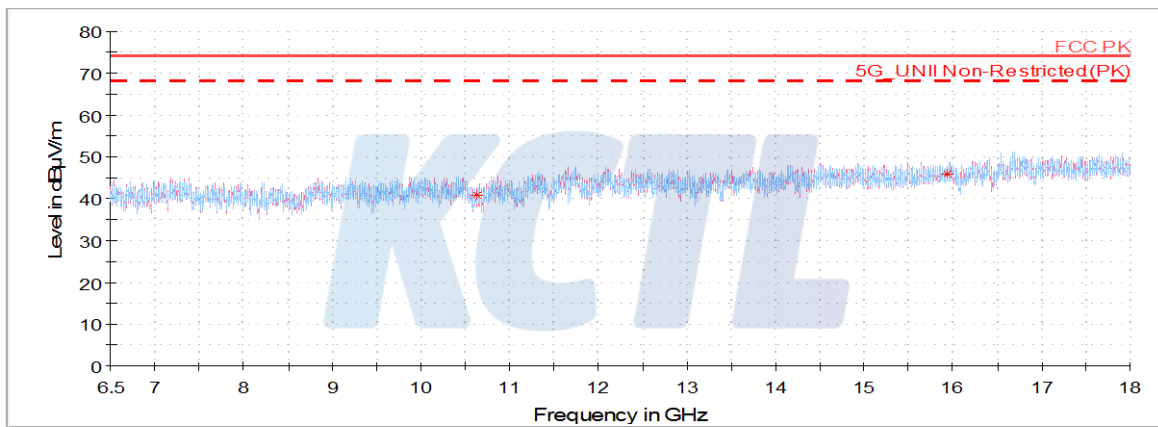
Horizontal/Vertical for Band-edge



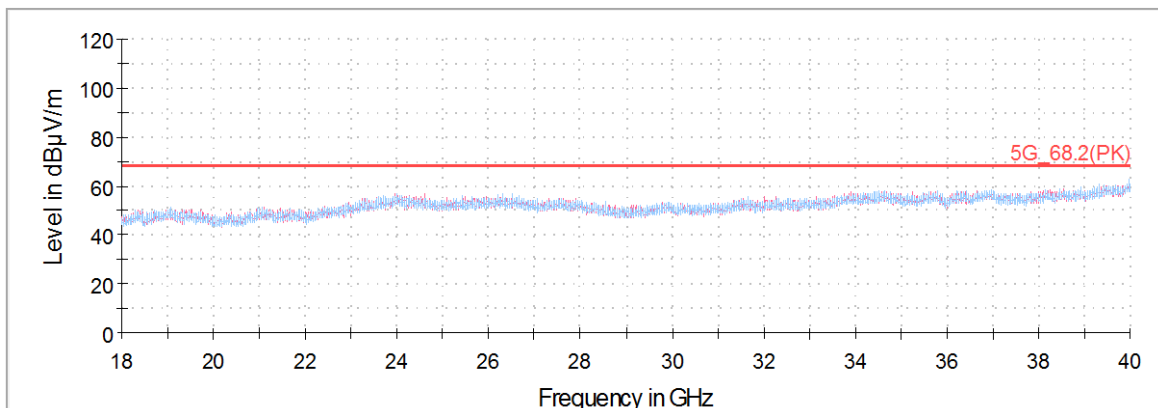
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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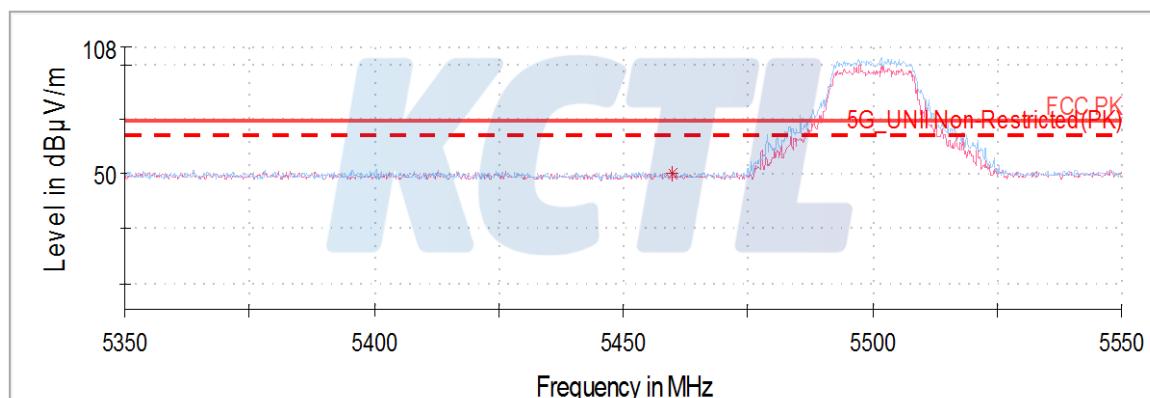
Test results (Above 1 000 MHz) U-NII-2C

802.11a – ANT 0

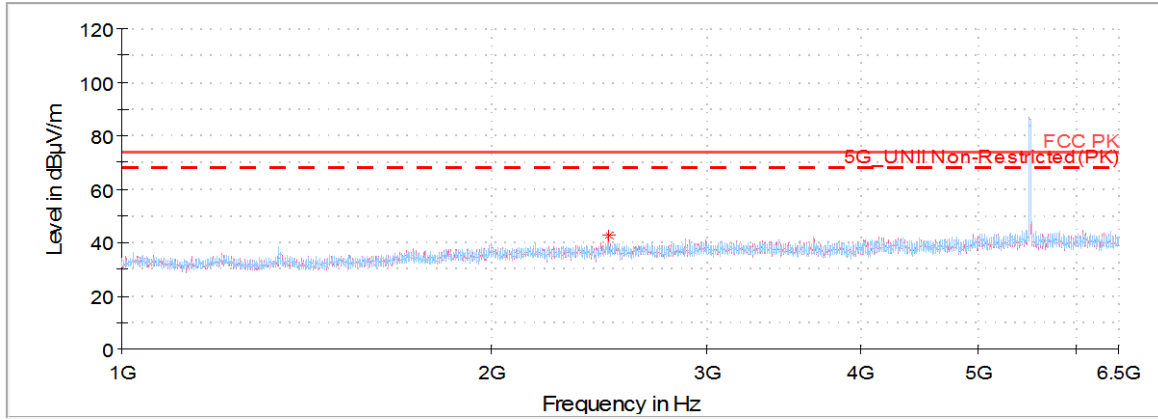
Lowest Channel (5 500 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μV))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μV/m))	Limit (dB(μV/m))	Margin (dB)
Peak data									
2 491.53 ¹⁾	V	45.93	3.78	-35.90	28.73	-	42.54	74.00	31.46
5 459.81 ¹⁾	H	44.81	5.76	-33.54	33.59	-	50.62	74.00	23.38
11 006.56 ¹⁾	V	61.04	8.42	-61.87	38.21	-	45.80	74.00	28.20
16 501.05	H	56.74	10.27	-56.84	38.90	-	49.07	68.20	19.13
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

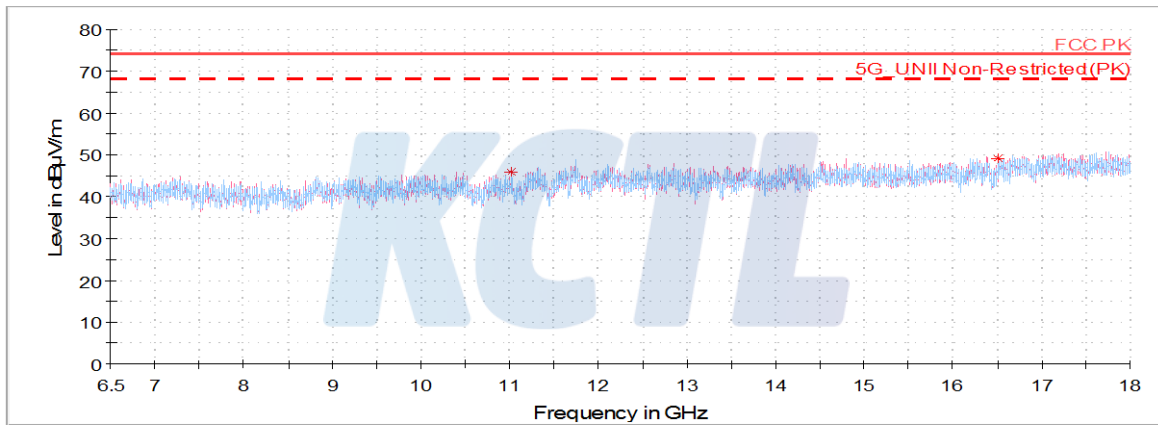
Horizontal/Vertical for Band-edge



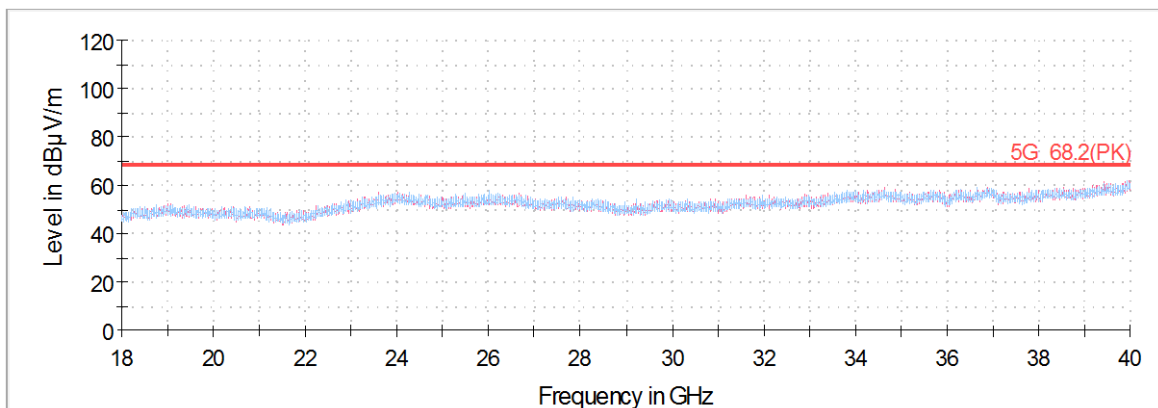
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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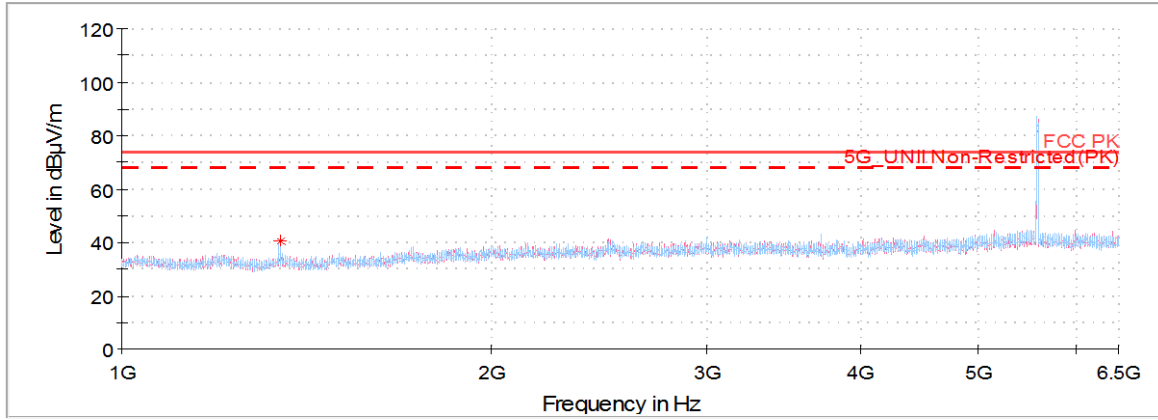
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KCTL**Middle Channel (5 580 MHz)**

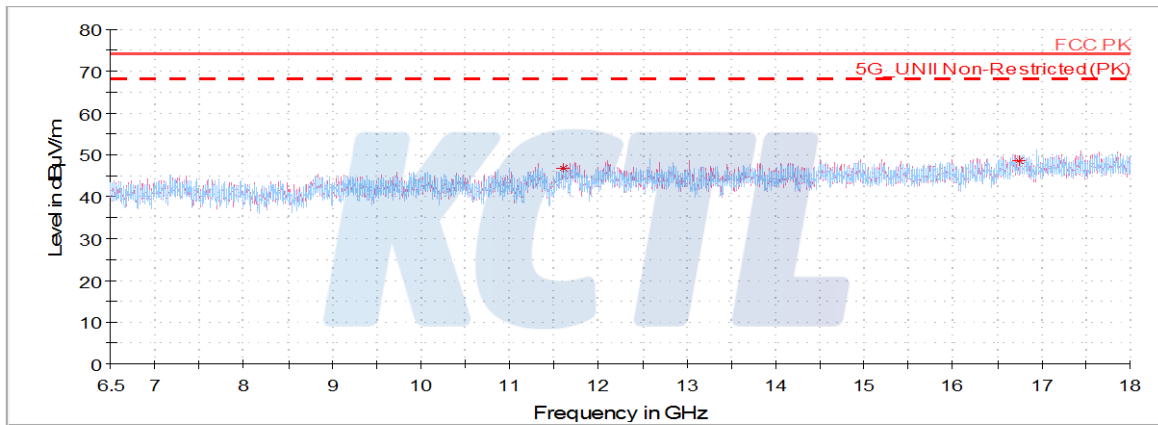
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 347.02 ¹⁾	H	49.08	2.80	-36.73	25.19	-	40.34	74.00	33.66
11 597.38 ¹⁾	H	59.97	8.54	-60.38	38.74	-	46.87	74.00	27.13
16 742.19 ¹⁾	V	56.00	10.34	-57.21	39.58	-	48.71	68.20	19.49
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

KCTL

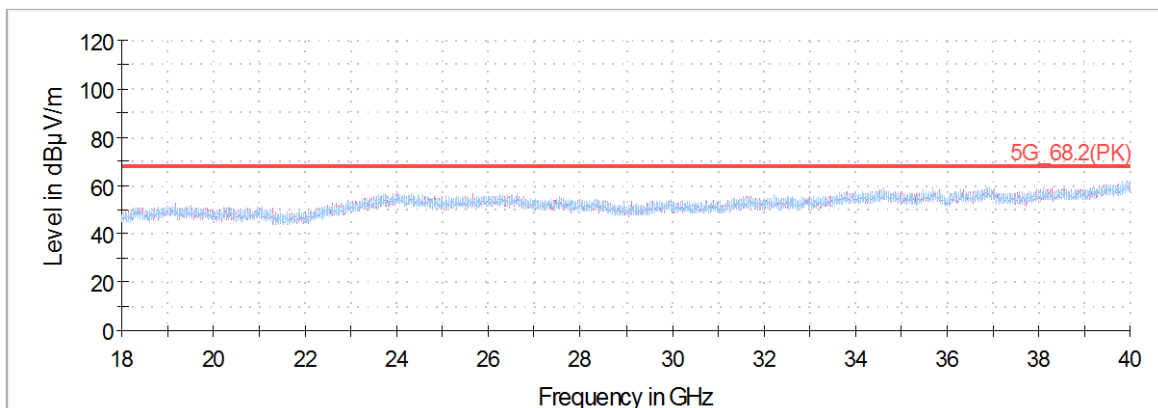
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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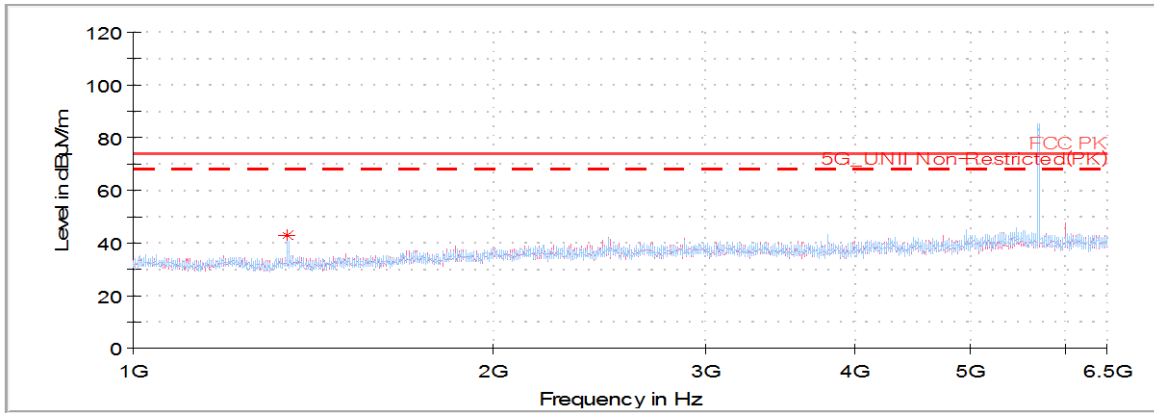
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KCTL**Highest Channel (5 700 MHz)**

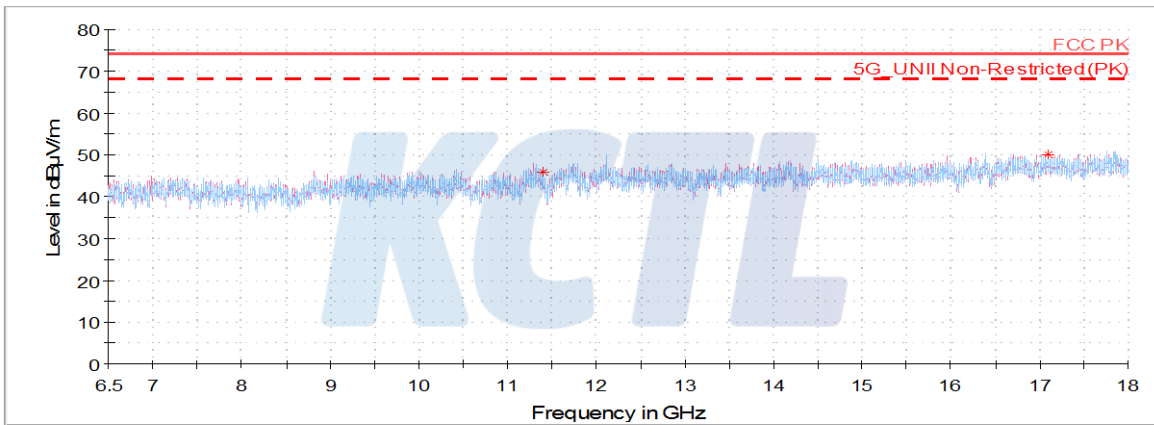
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 343.75 ¹⁾	H	51.48	2.80	-36.72	25.18	-	42.74	74.00	31.26
11 400.44 ¹⁾	H	59.55	8.50	-60.73	38.56	-	45.88	74.00	28.12
17 102.64 ¹⁾	V	56.99	10.47	-58.42	40.92	-	49.96	68.20	18.24
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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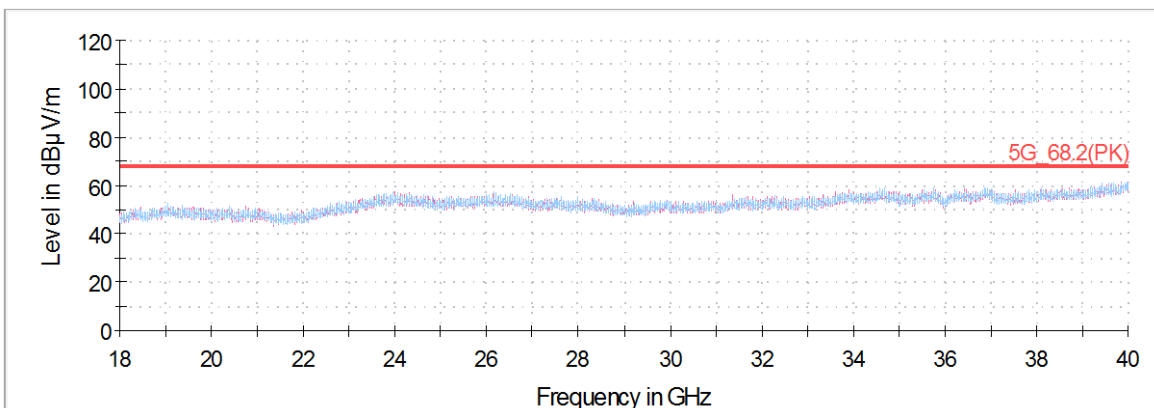
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz

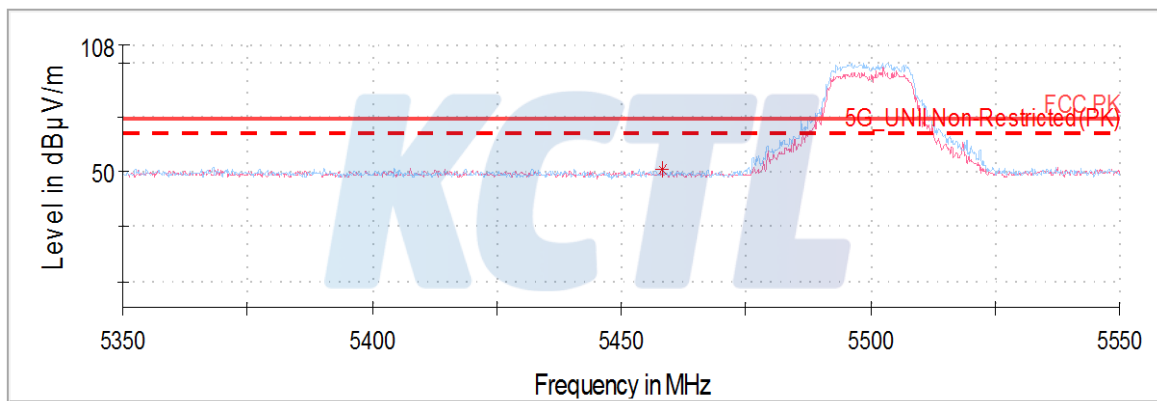


Horizontal/Vertical for 18 GHz ~ 40 GHz

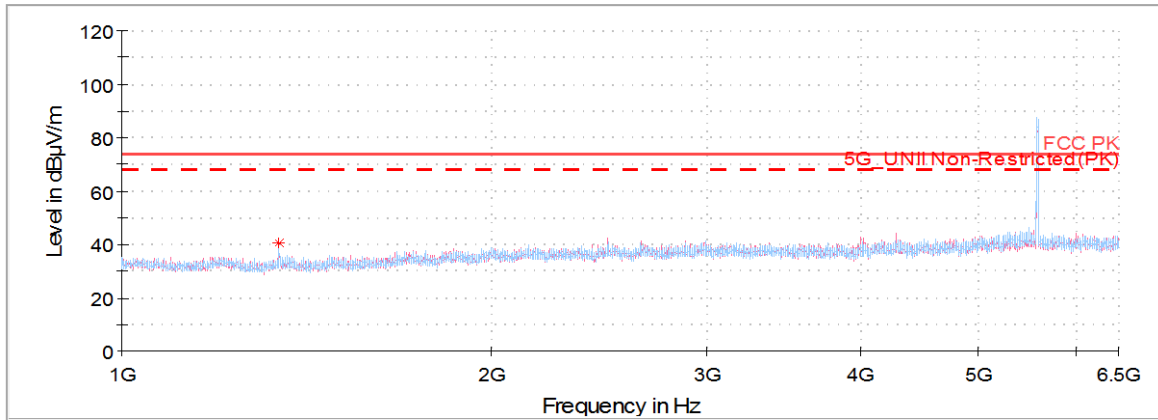


802.11a – ANT 1**Lowest Channel (5 500 MHz)**

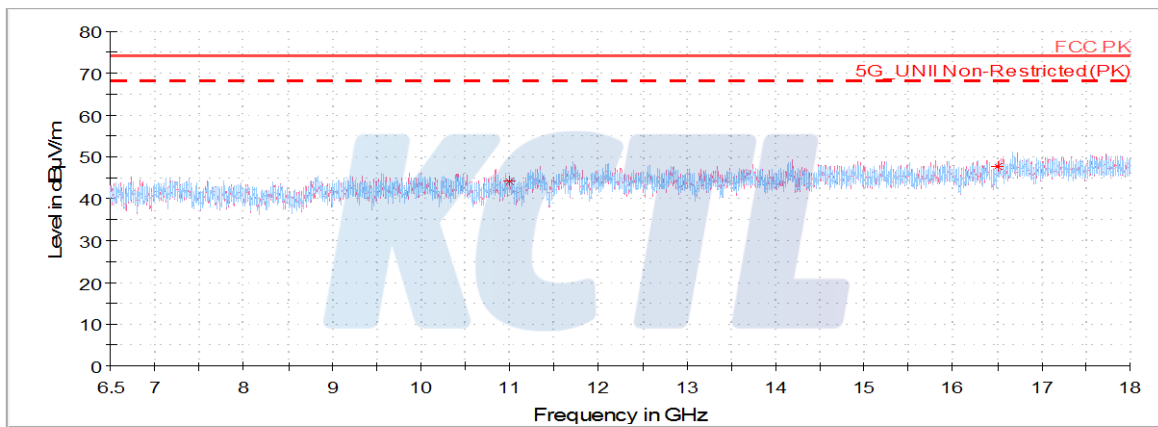
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data									
1 344.09 ¹⁾	H	49.28	2.80	-36.72	25.18	-	40.54	74.00	33.46
5 458.09 ¹⁾	H	45.18	5.76	-33.54	33.59	-	50.99	74.00	23.01
11 000.45 ¹⁾	H	59.47	8.42	-61.89	38.20	-	44.20	74.00	29.80
16 500.33	H	55.32	10.27	-56.85	38.90	-	47.64	68.20	20.56
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

Horizontal/Vertical for Band-edge

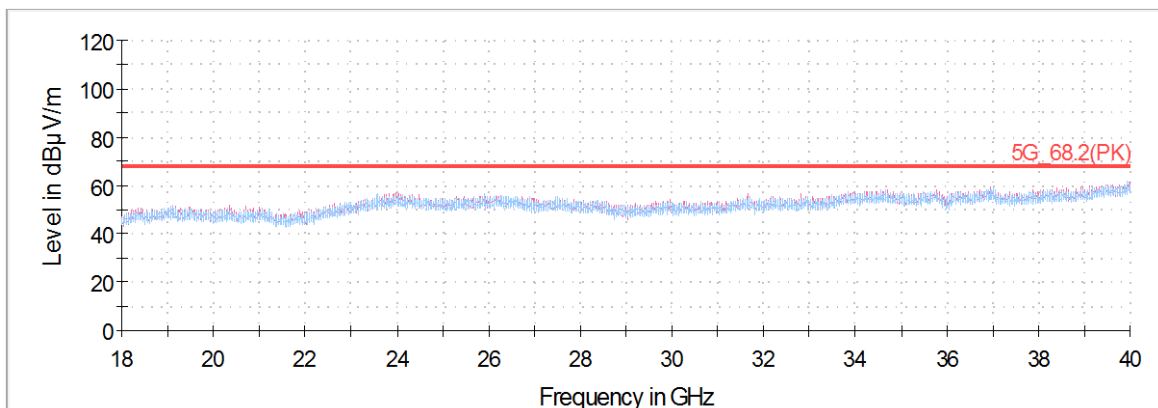
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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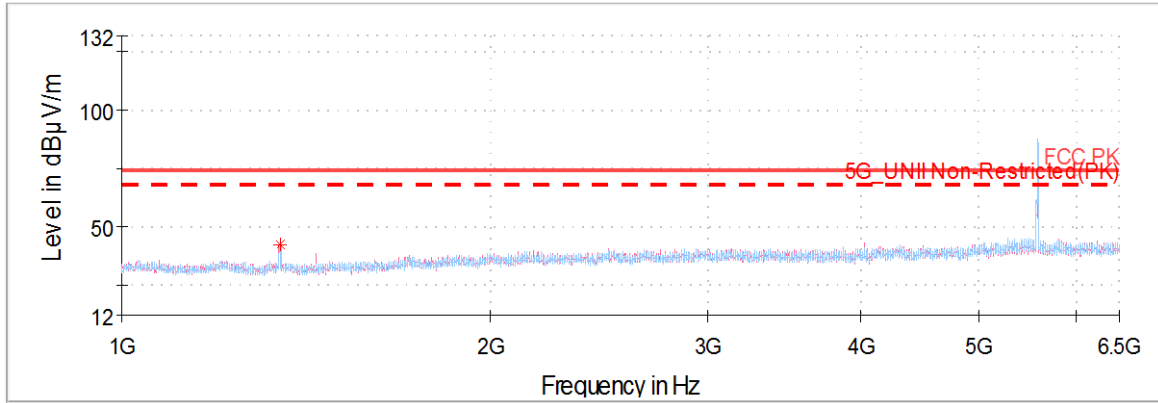
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**Middle Channel (5 580 MHz)**

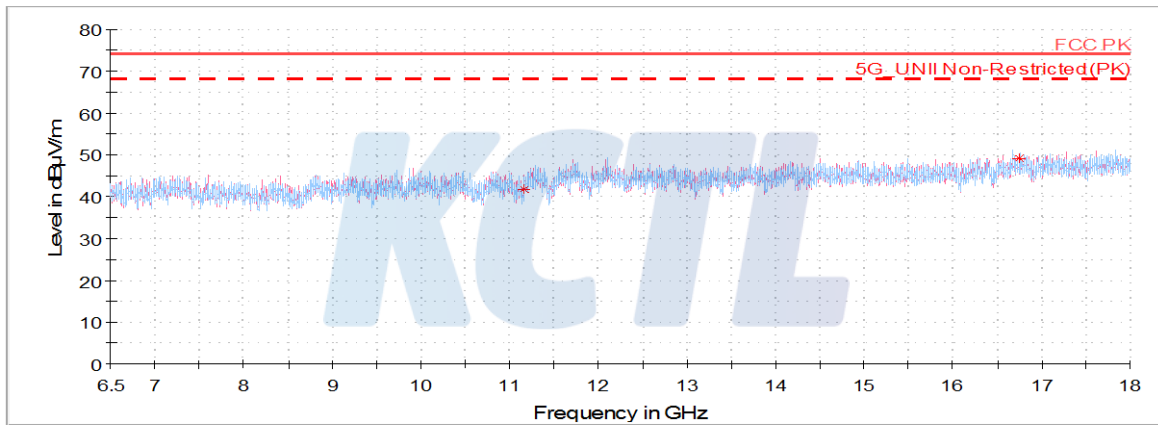
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 344.09 ¹⁾	H	51.06	2.80	-36.72	25.18	-	42.32	74.00	31.68
11 159.66 ¹⁾	H	56.37	8.45	-61.42	38.34	-	41.74	74.00	32.26
16 740.75	H	56.52	10.34	-57.21	39.57	-	49.22	68.20	18.98
Average Data									
No spurious emissions were detected within 20 dB of the limit.									



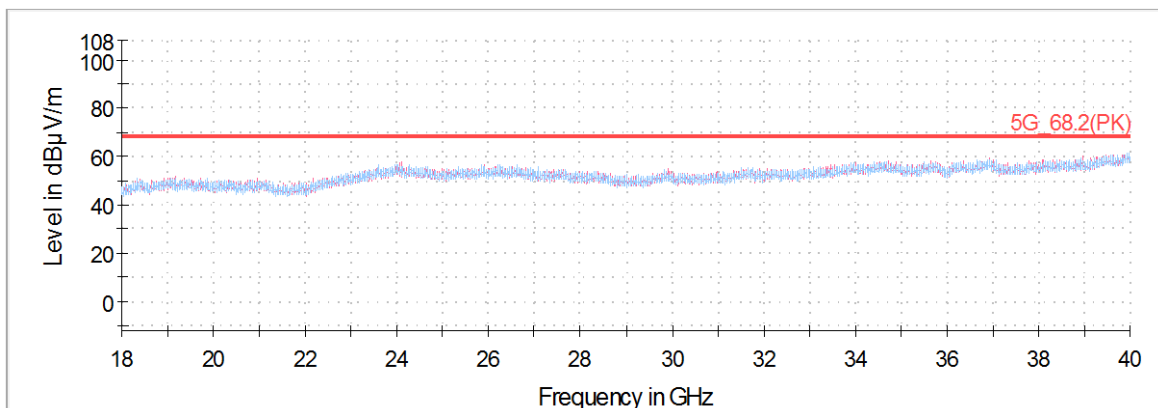
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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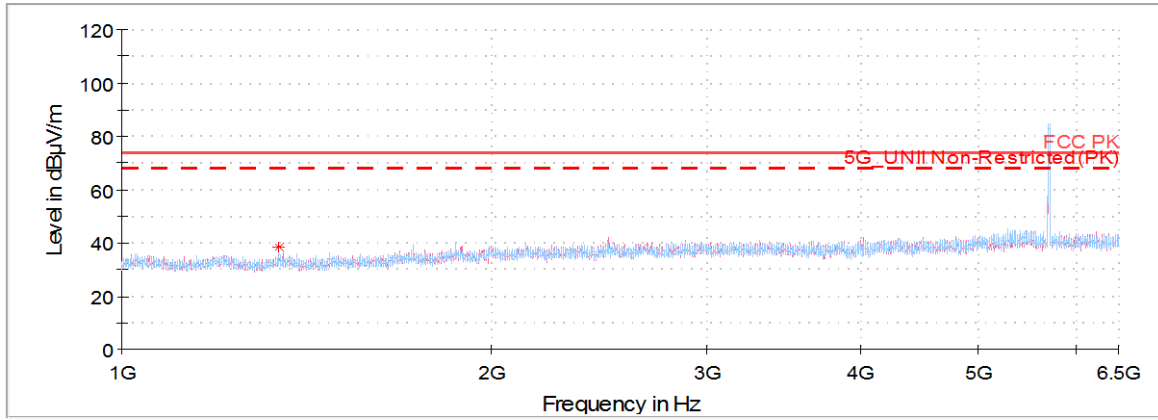
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**Highest Channel (5 700 MHz)**

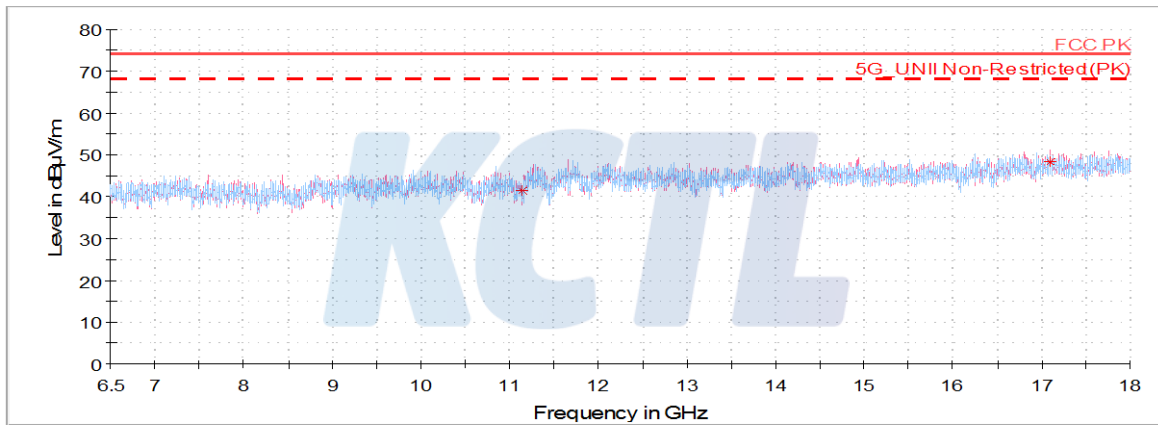
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 344.09 ¹⁾	H	47.33	2.80	-36.72	25.18	-	38.59	74.00	35.41
11 140.97 ¹⁾	H	56.32	8.45	-61.48	38.33	-	41.62	74.00	32.38
17 099.41	V	55.46	10.47	-58.39	40.90	-	48.44	68.20	19.76
Average Data									
No spurious emissions were detected within 20 dB of the limit.									



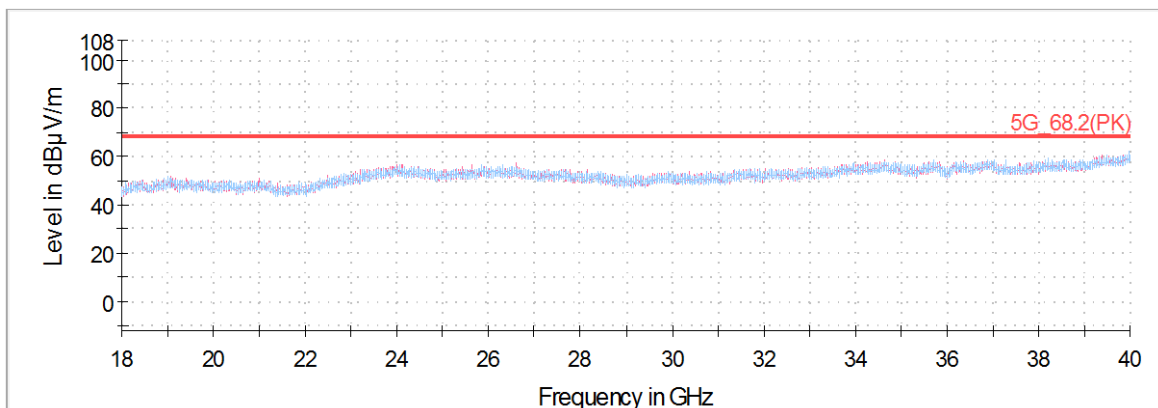
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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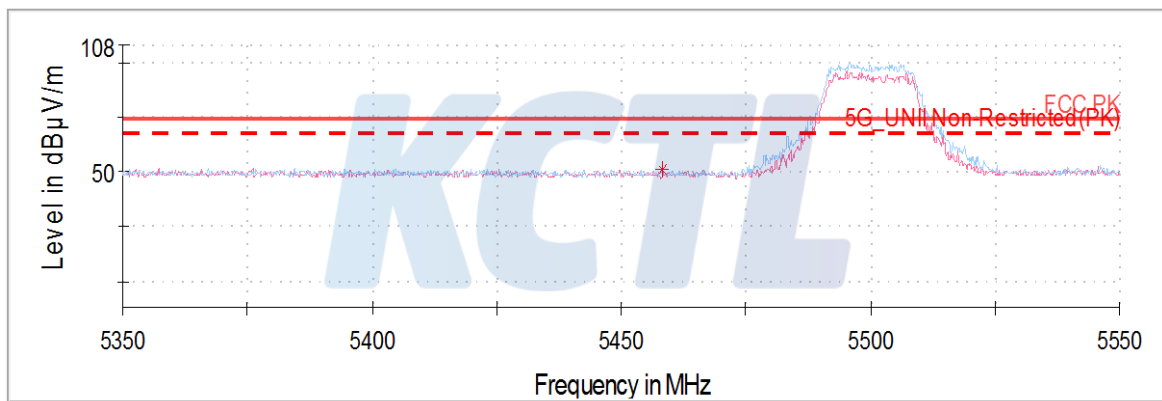
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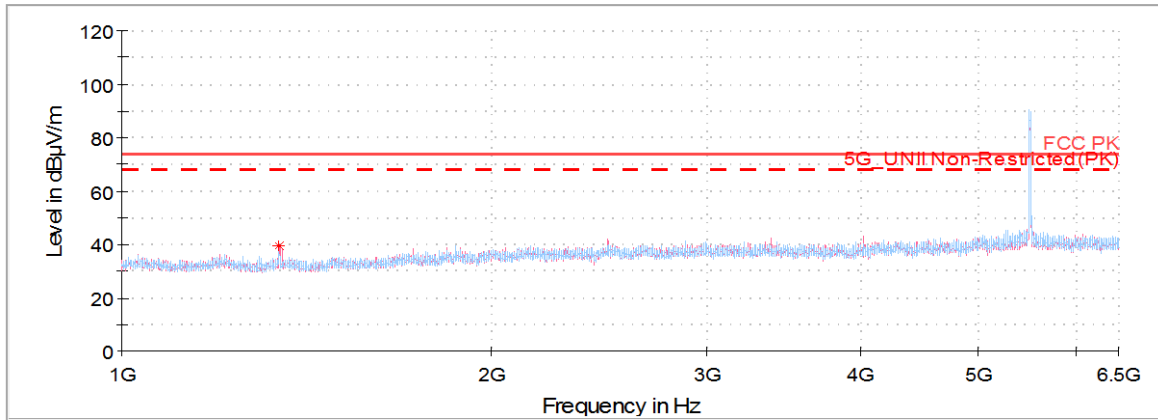
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**802.11n20 – ANT 0****Lowest Channel (5 500 MHz)**

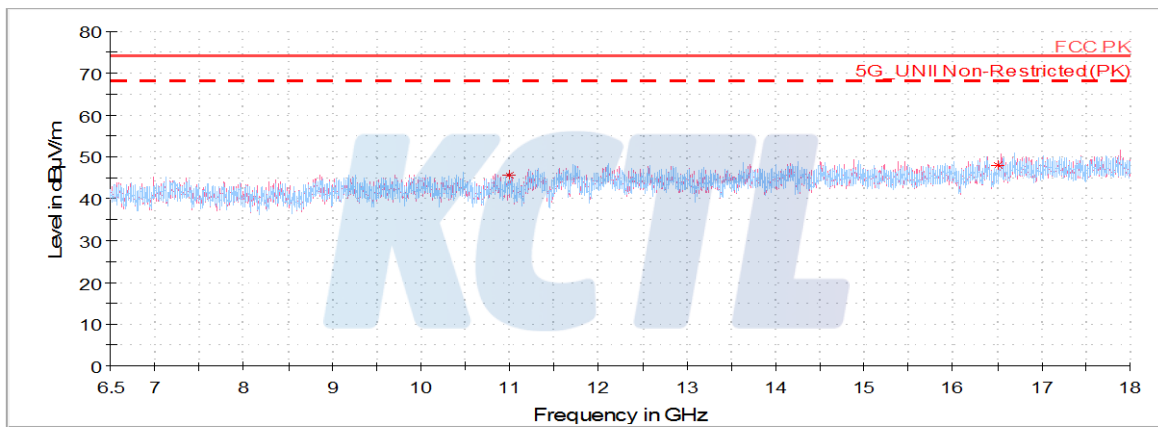
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 344.61 ¹⁾	V	48.16	2.80	-36.72	25.18	-	39.42	74.00	34.58
5 458.09 ¹⁾	H	45.25	5.76	-33.54	33.59	-	51.06	74.00	22.94
11 000.09 ¹⁾	H	60.95	8.42	-61.89	38.20	-	45.68	74.00	28.32
16 508.23	V	55.60	10.28	-56.86	38.92	-	47.94	68.20	20.26
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

Horizontal/Vertical for Band-edge

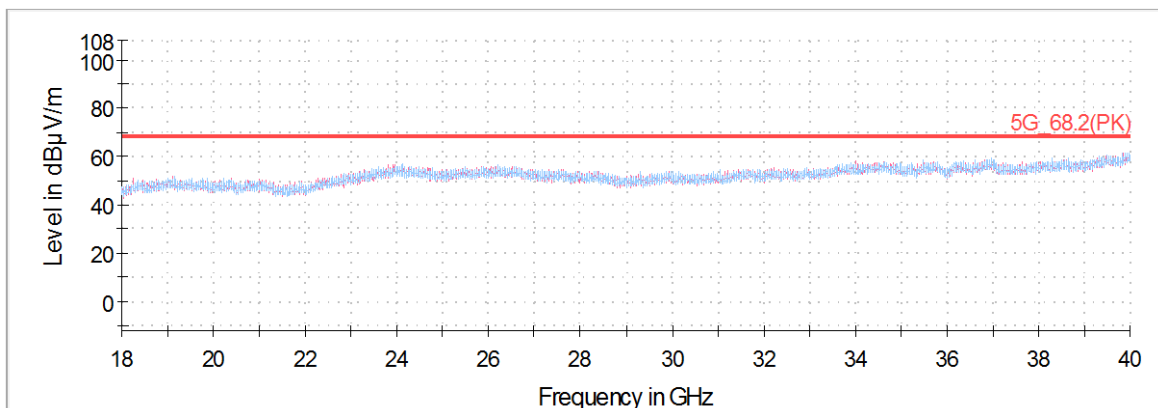
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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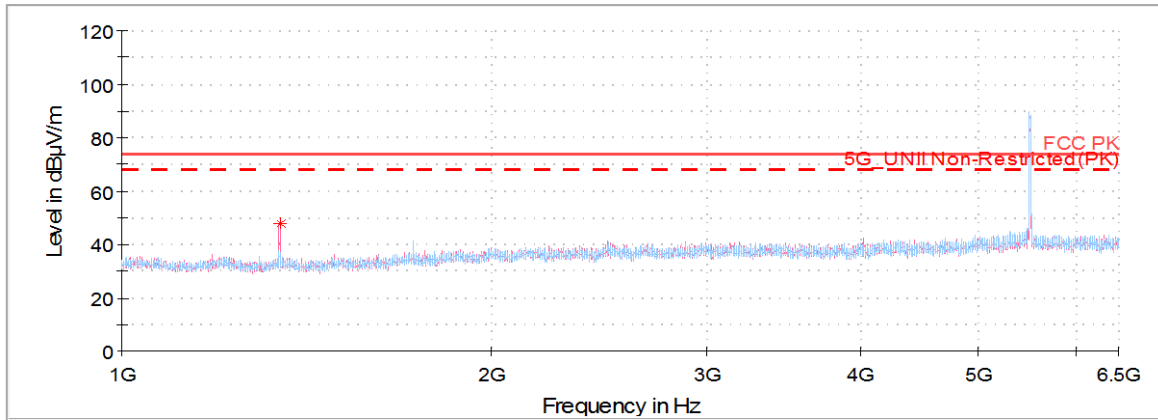
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**Middle Channel (5 580 MHz)**

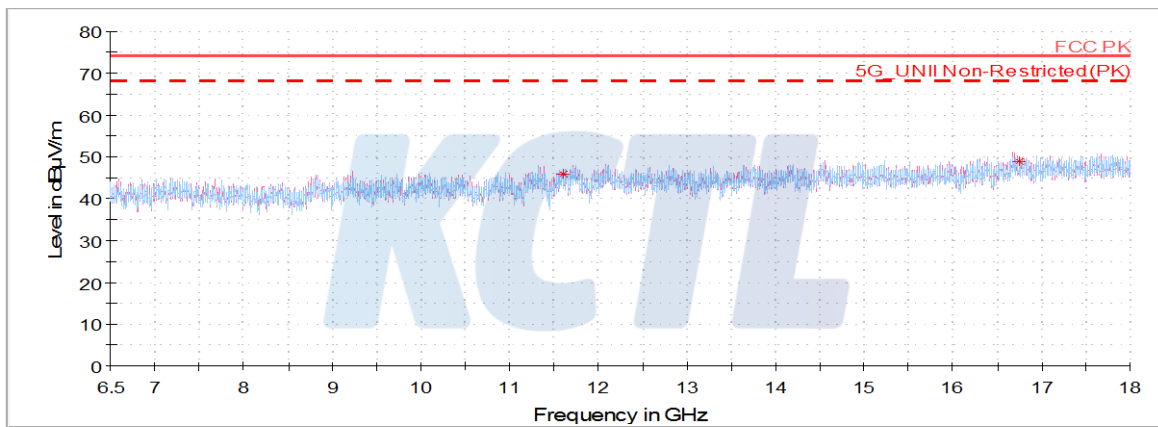
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 345.47 ¹⁾	V	56.59	2.80	-36.72	25.18	-	47.85	74.00	26.15
11 599.53 ¹⁾	H	59.10	8.54	-60.37	38.74	-	46.01	74.00	27.99
16 740.39	V	56.11	10.34	-57.21	39.57	-	48.81	68.20	19.39
Average Data									
No spurious emissions were detected within 20 dB of the limit.									



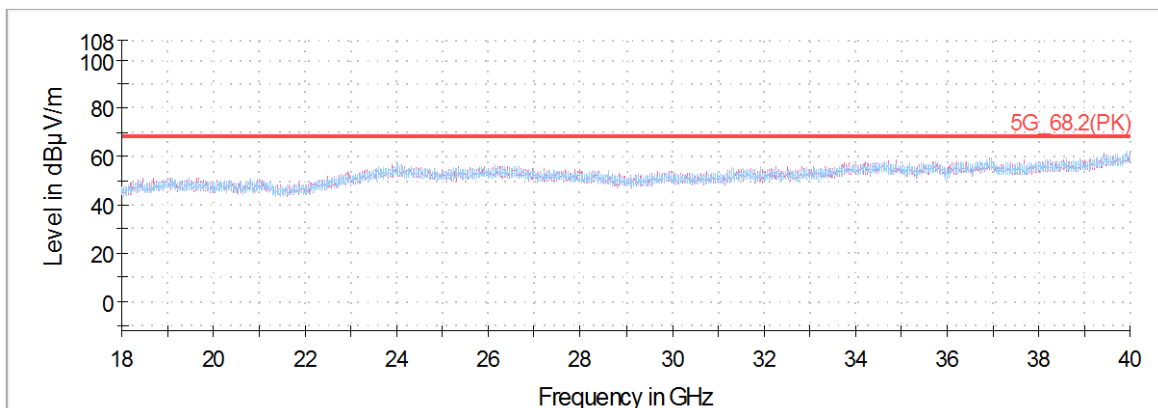
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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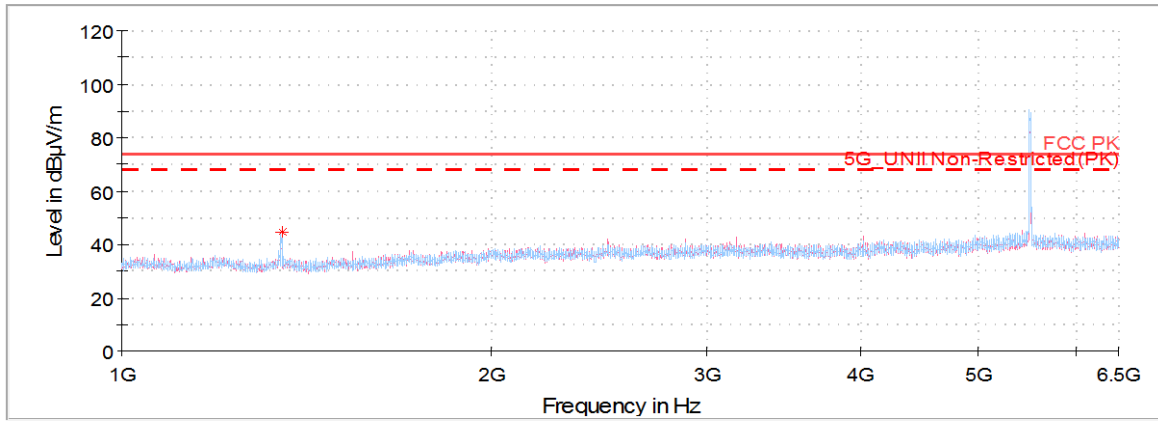
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KCTL**Highest Channel (5 700 MHz)**

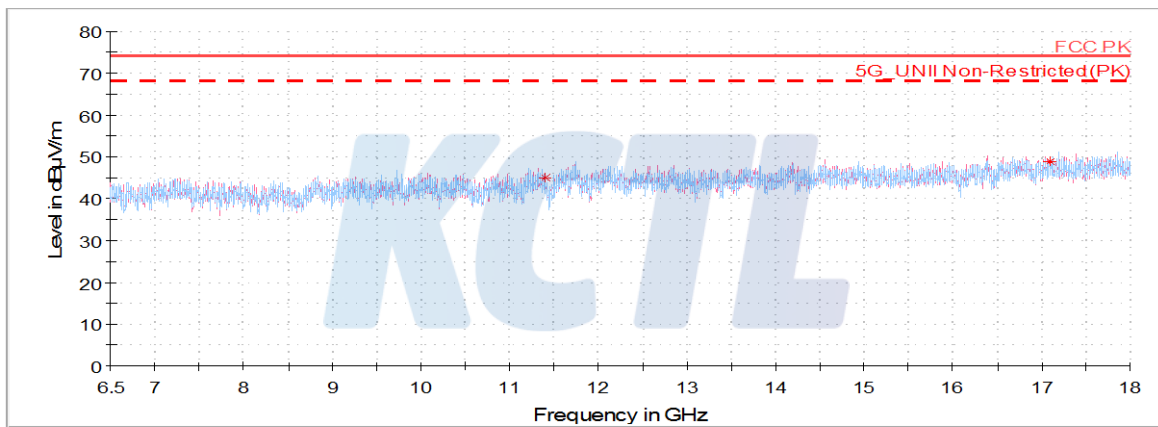
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 349.25 ¹⁾	H	53.52	2.80	-36.74	25.20	-	44.78	74.00	29.22
11 401.52 ¹⁾	V	58.81	8.50	-60.72	38.56	-	45.15	74.00	28.85
17 105.16	H	55.79	10.47	-58.43	40.93	-	48.76	68.20	19.44
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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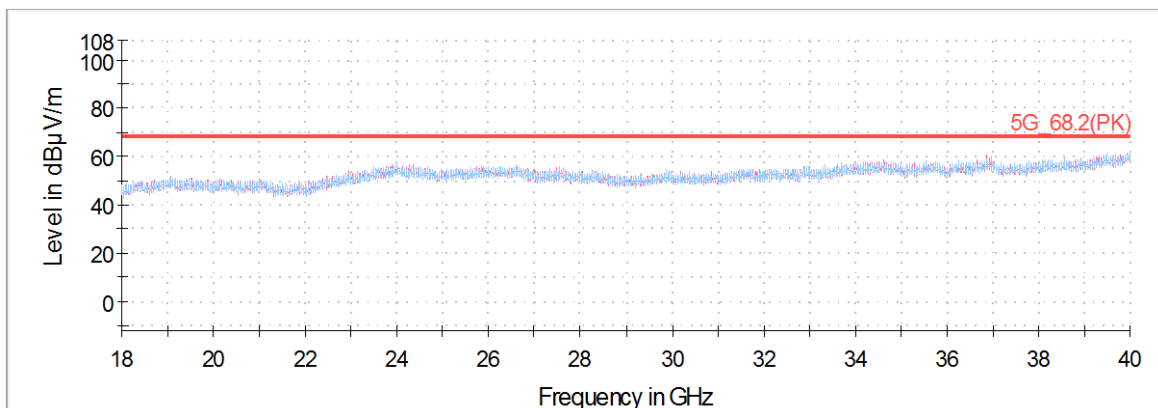
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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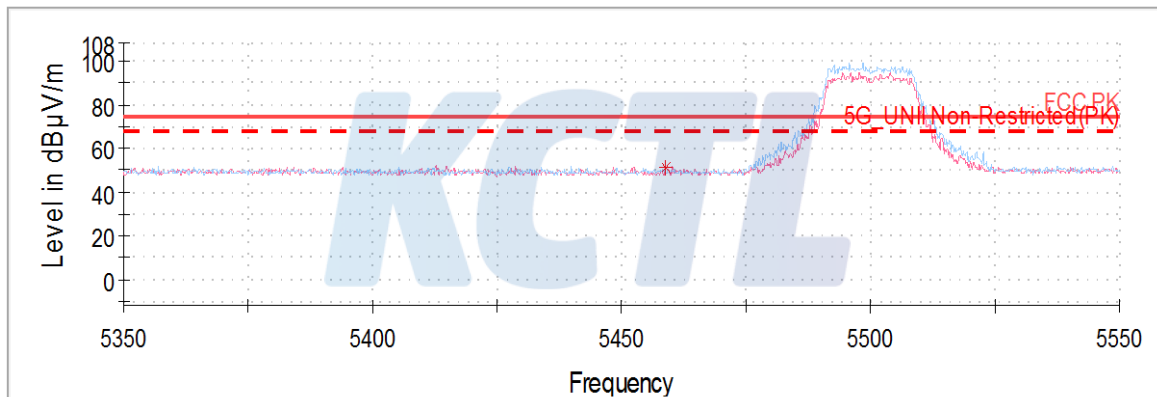
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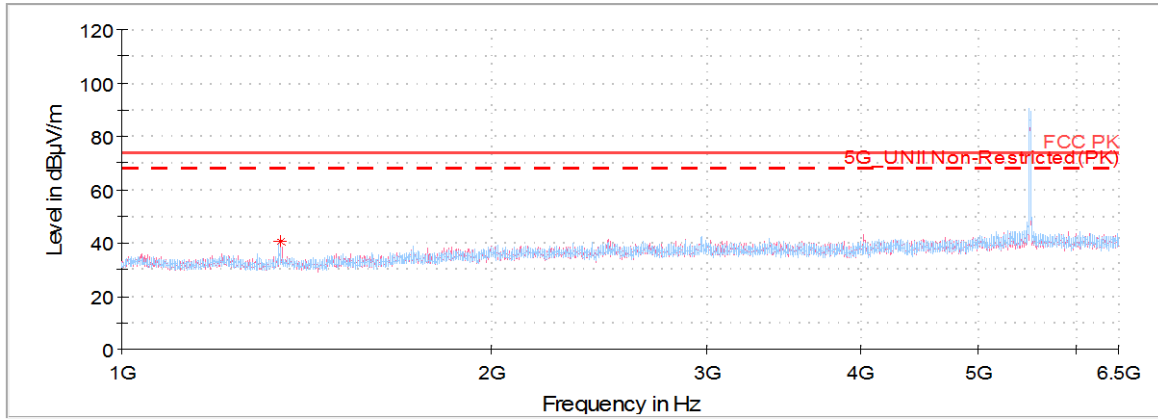
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**802.11n20 – ANT 1****Lowest Channel (5 500 MHz)**

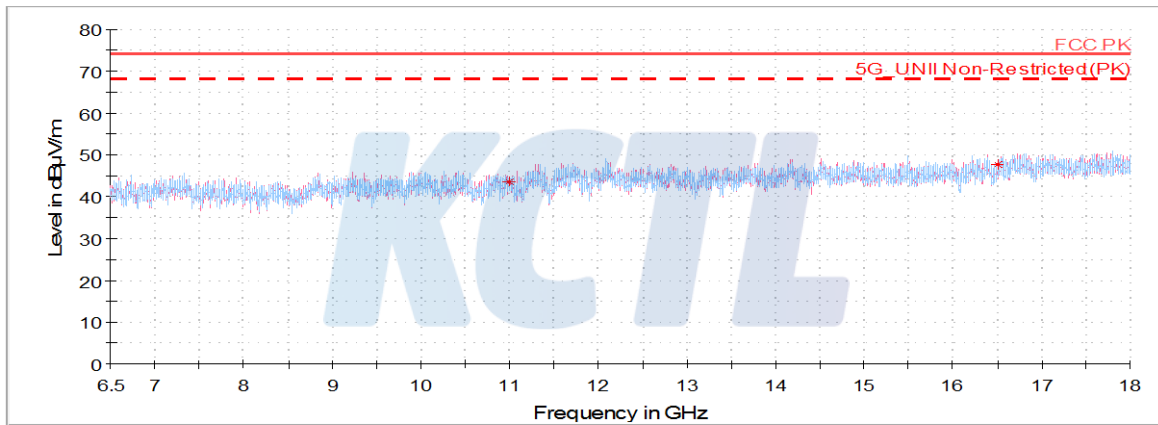
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data									
1 346.67 ¹⁾	V	49.45	2.80	-36.73	25.19	-	40.71	74.00	33.29
5 458.78 ¹⁾	H	45.00	5.76	-33.55	33.59	-	50.80	74.00	23.20
11 000.09 ¹⁾	V	58.84	8.42	-61.89	38.20	-	43.57	74.00	30.43
16 499.25	V	55.39	10.27	-56.85	38.90	-	47.71	68.20	20.49
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

Horizontal/Vertical for Band-edge

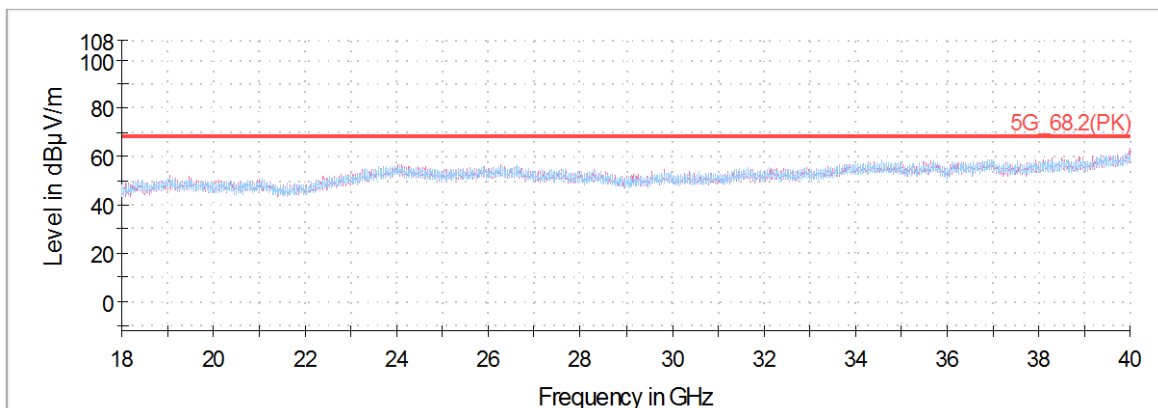
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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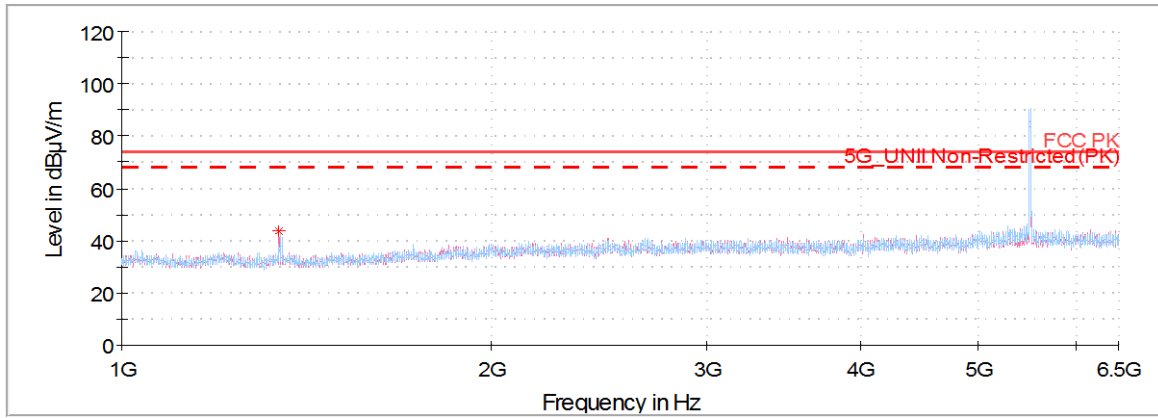
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KCTL**Middle Channel (5 580 MHz)**

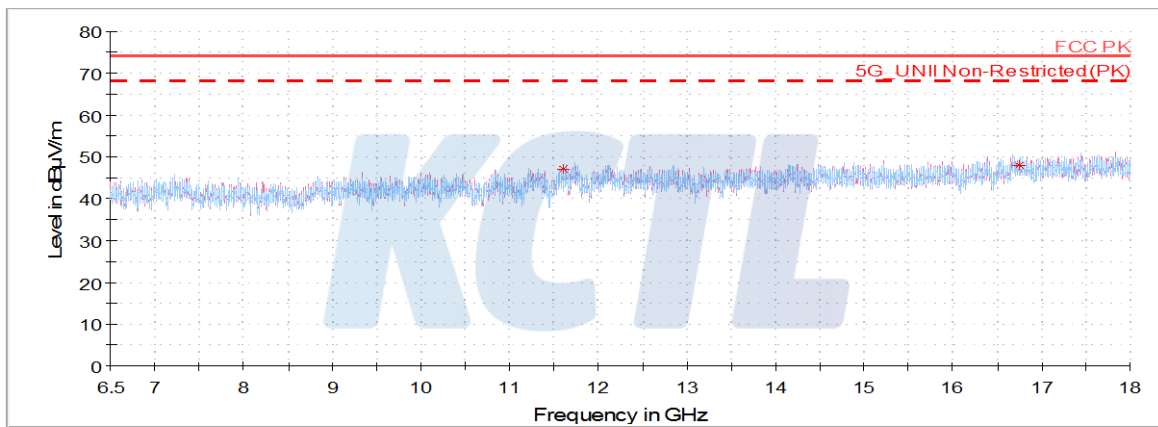
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 343.92 ¹⁾	V	52.65	2.80	-36.72	25.18	-	43.91	74.00	30.09
11 600.61 ¹⁾	H	60.13	8.54	-60.37	38.74	-	47.04	74.00	26.96
16 738.95	H	55.15	10.34	-57.21	39.57	-	47.85	68.20	20.35
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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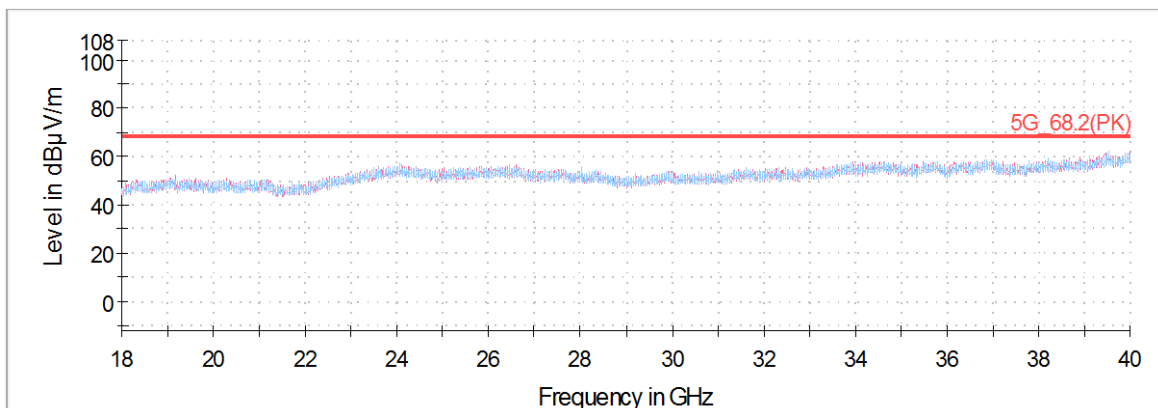
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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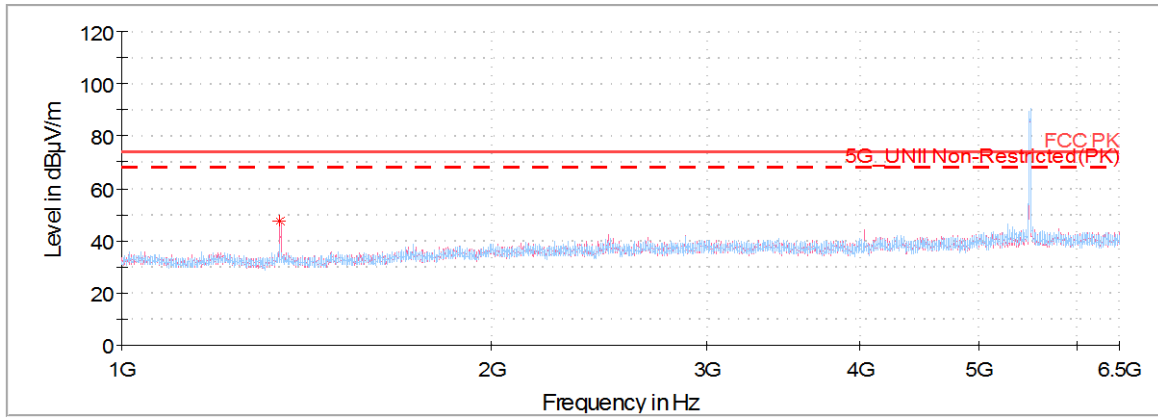
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KCTL**Highest Channel (5 700 MHz)**

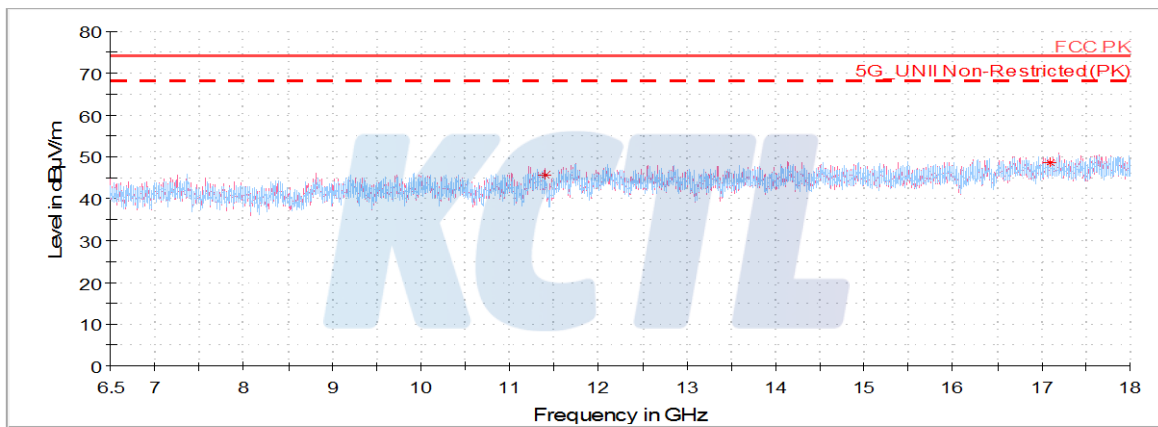
Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 344.09 ¹⁾	V	56.03	2.80	-36.72	25.18	-	47.29	74.00	26.71
11 399.72 ¹⁾	V	59.36	8.50	-60.73	38.56	-	45.69	74.00	28.31
17 101.20	V	55.56	10.47	-58.40	40.91	-	48.54	68.20	19.66
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

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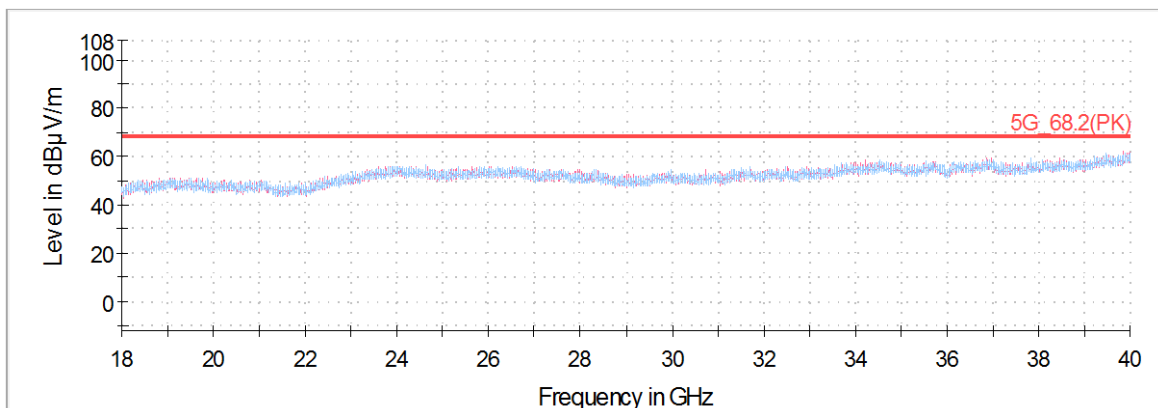
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz

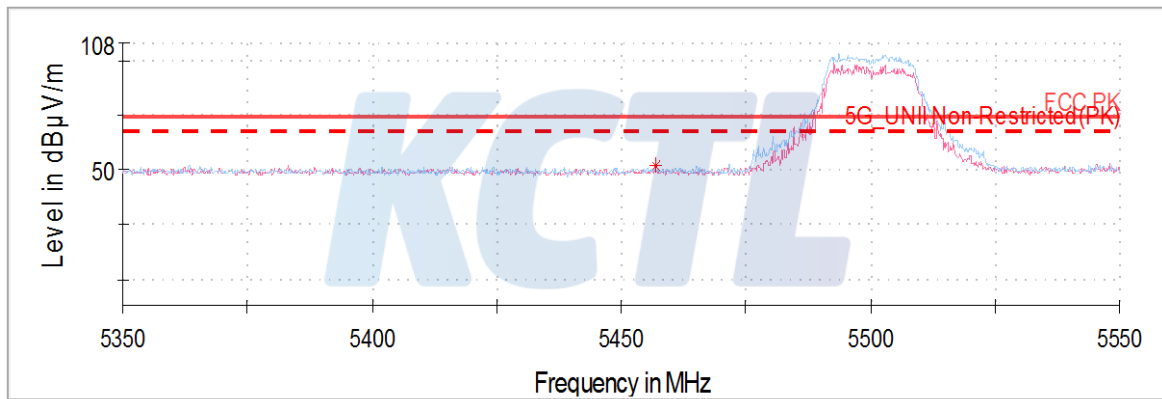


Horizontal/Vertical for 18 GHz ~ 40 GHz

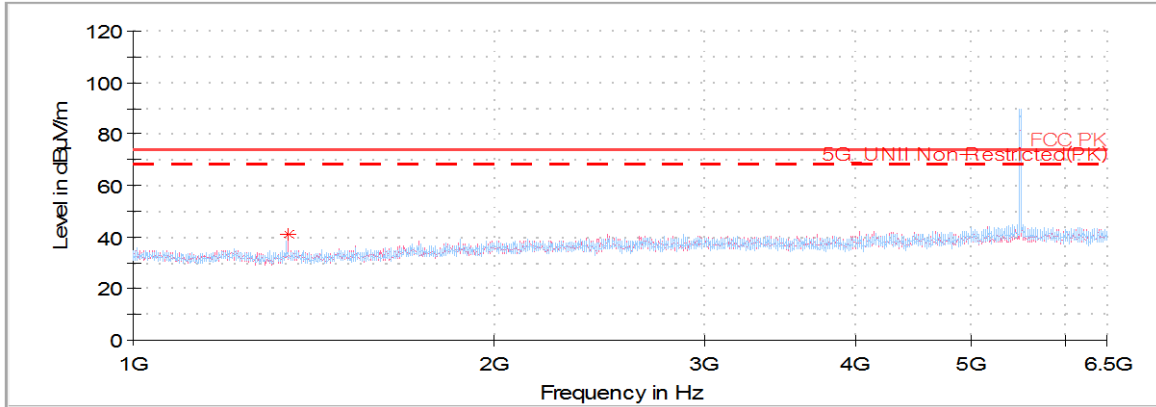


802.11n20 – MIMO**Lowest Channel (5 500 MHz)**

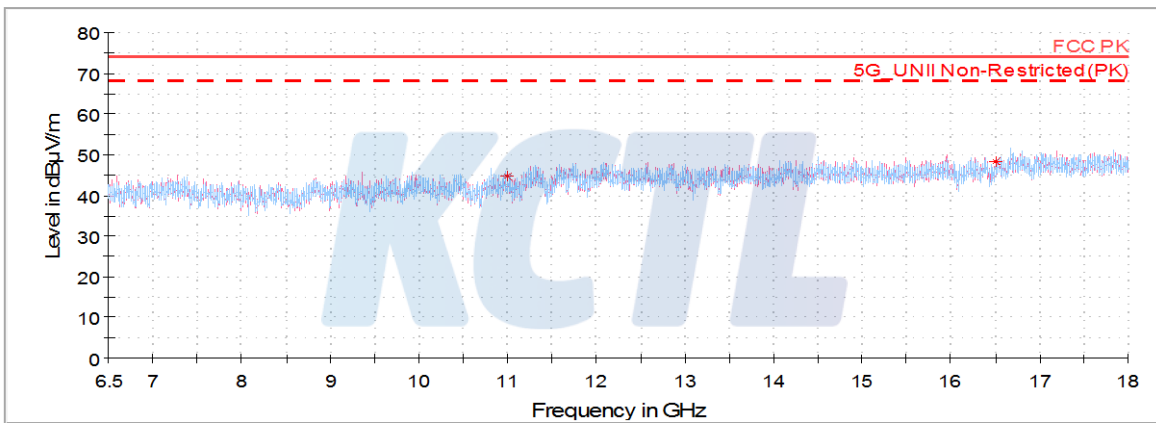
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Cable Loss (dB)	Amp Gain (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data									
1 348.39 ¹⁾	V	50.04	2.80	-36.73	25.19	-	41.30	74.00	32.70
5 456.89 ¹⁾	H	45.97	5.76	-33.55	33.59	-	51.77	74.00	22.23
10 998.66 ¹⁾	H	59.99	8.42	-61.89	38.20	-	44.72	74.00	29.28
16 499.97	H	56.11	10.27	-56.85	38.90	-	48.43	68.20	19.77
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

Horizontal/Vertical for Band-edge

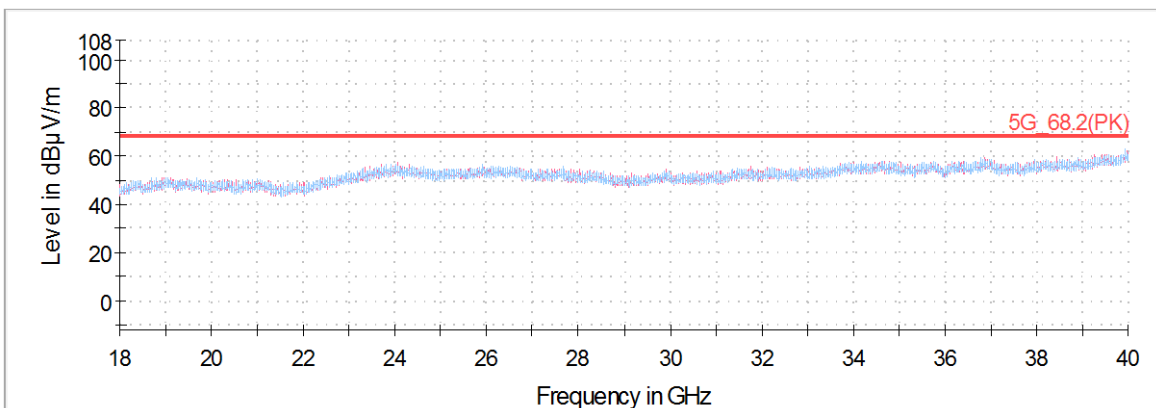
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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KCTL**Middle Channel (5 580 MHz)**

Frequency	Pol.	Reading	Cable Loss	Amp Gain	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data									
1 350.11 ¹⁾	H	49.26	2.80	-36.74	25.20	-	40.52	74.00	33.48
11 158.94 ¹⁾	V	58.23	8.45	-61.42	38.34	-	43.60	74.00	30.40
16 699.78	H	56.31	10.33	-57.15	39.46	-	48.95	68.20	19.25
Average Data									
No spurious emissions were detected within 20 dB of the limit.									

KCTL