

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.:
KR19-SRF0176

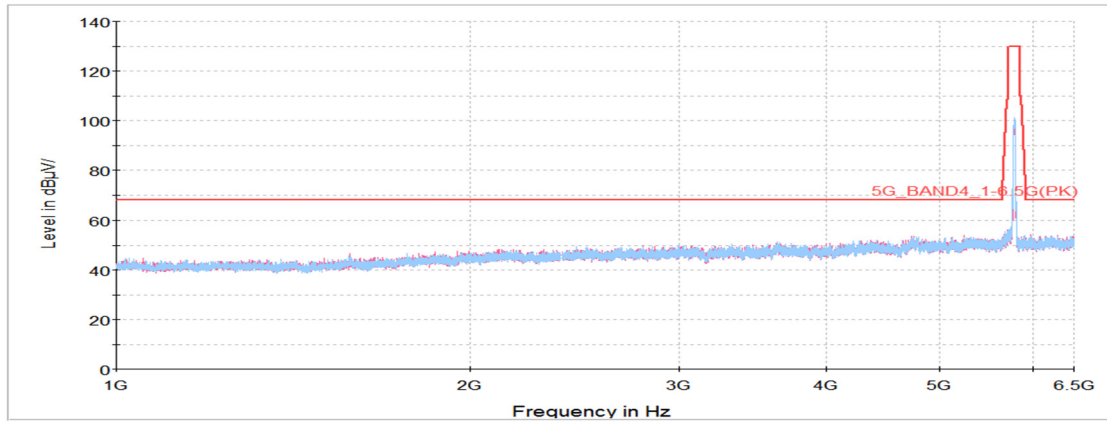
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KCTL**Middle Channel (5 785 MHz)**

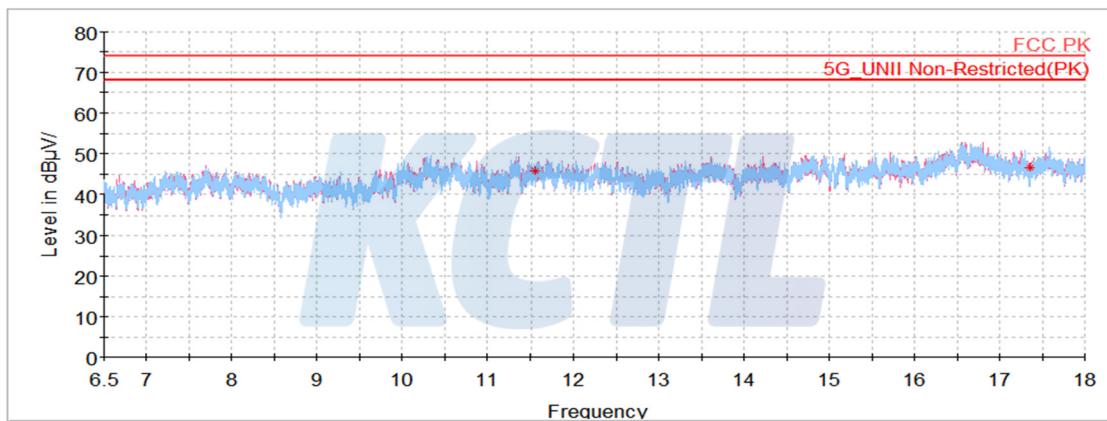
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 569.70 ¹⁾	V	55.83	38.36	-48.40	-	45.79	74.00	28.21
17 354.20	V	52.17	41.27	-46.92	-	46.52	68.20	21.68
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

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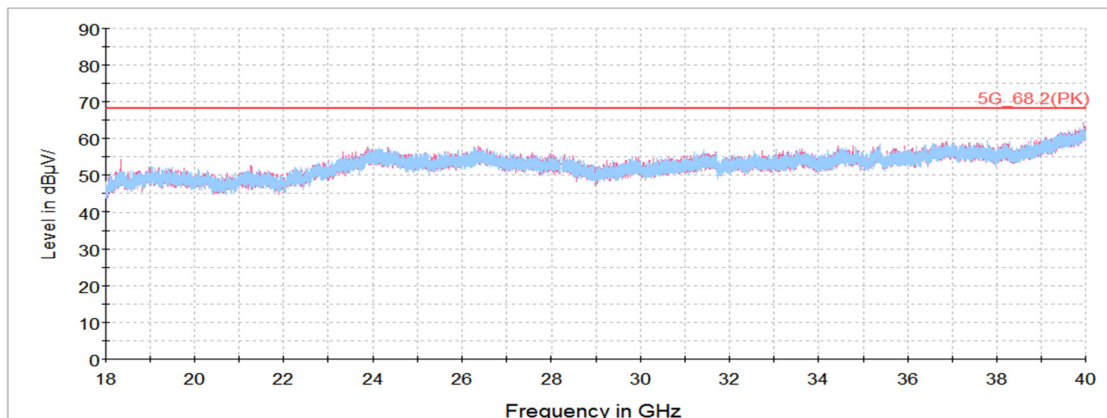
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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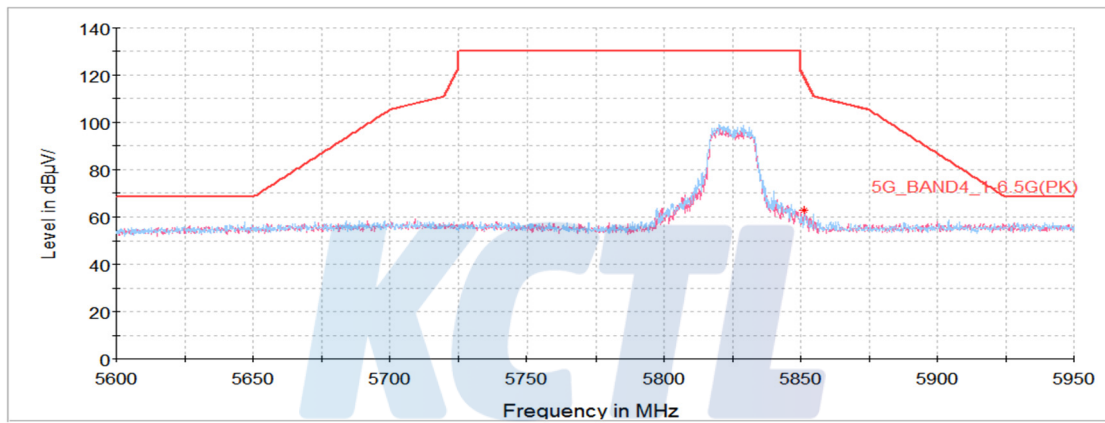
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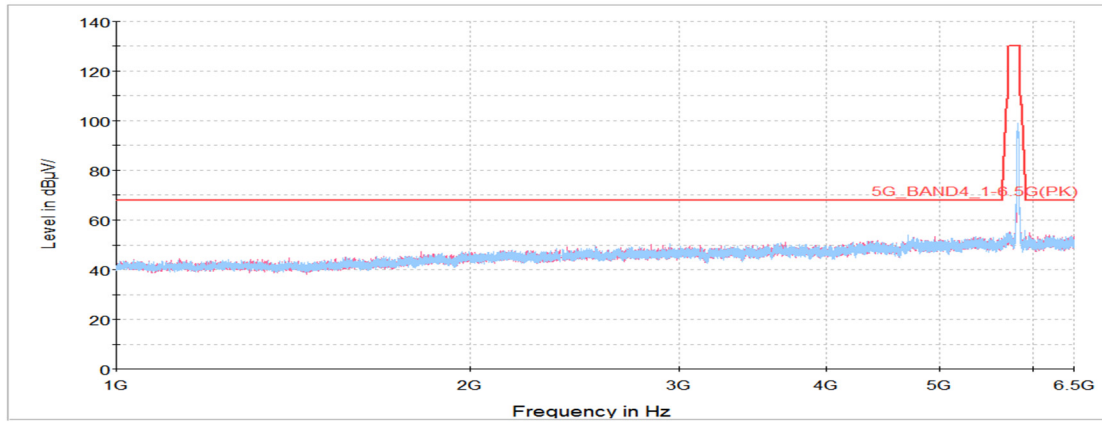
Highest Channel (5 825 MHz)

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								
5 851.34	V	54.18	34.92	-26.67	-	62.43	119.14	56.71
11 650.56 ¹⁾	V	56.40	38.42	-48.74	-	46.08	74.00	27.92
17 475.31	V	52.71	41.30	-47.21	-	46.80	68.20	21.40
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

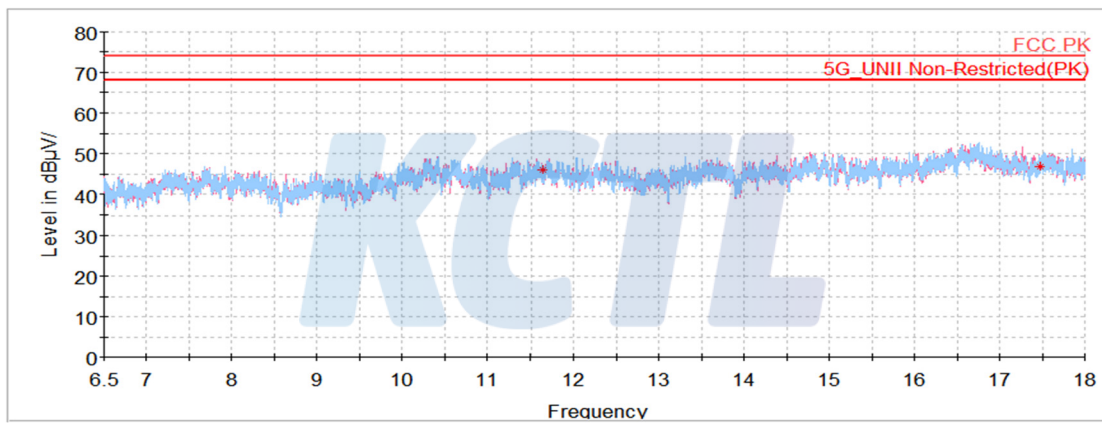
Horizontal/Vertical for Band-edge



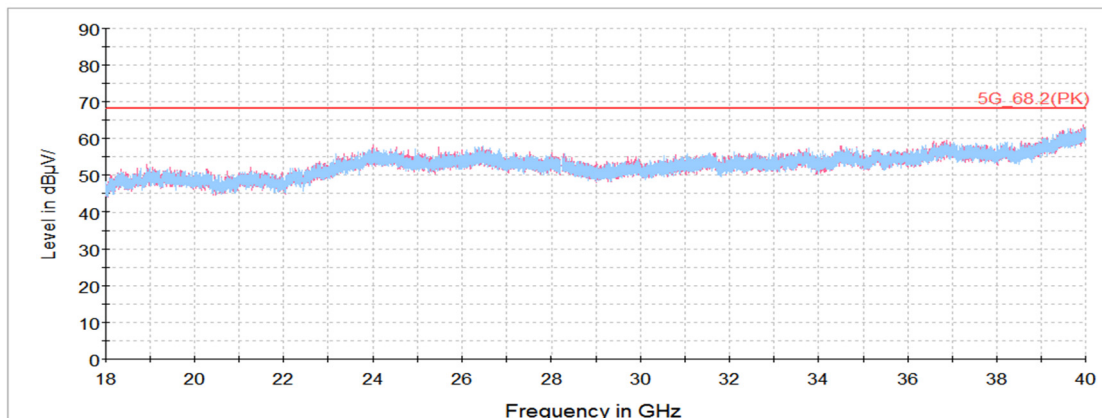
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Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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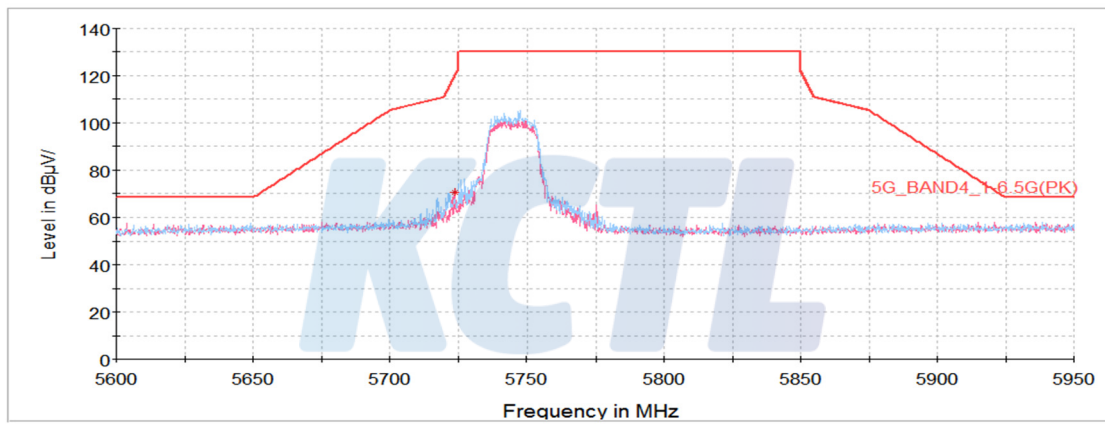
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802.11n HT20 UNII-3

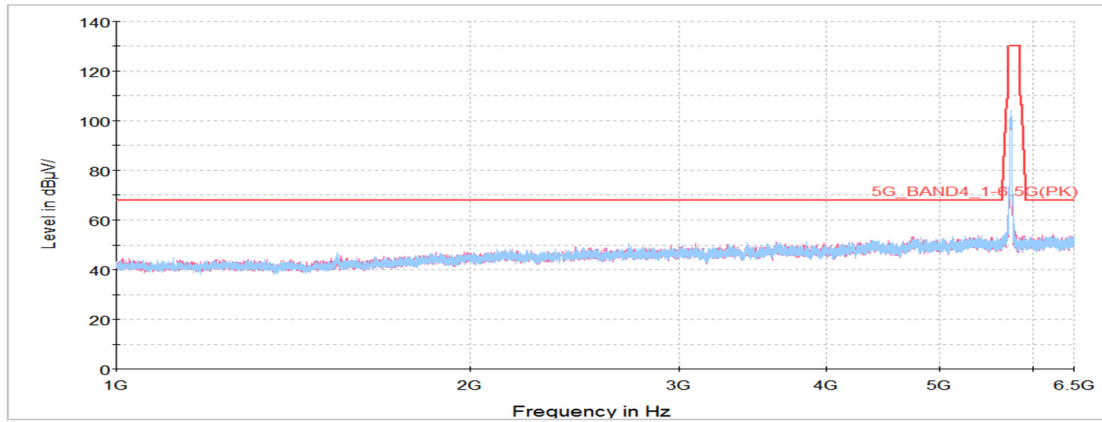
Lowest Channel (5 745 MHz)

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								
5 723.98	V	61.72	34.77	-25.90	-	70.59	119.88	49.29
11 489.92 ¹⁾	V	57.19	38.29	-48.18	-	47.30	74.00	26.70
17 235.25	V	53.09	41.25	-46.64	-	47.70	68.20	20.50
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

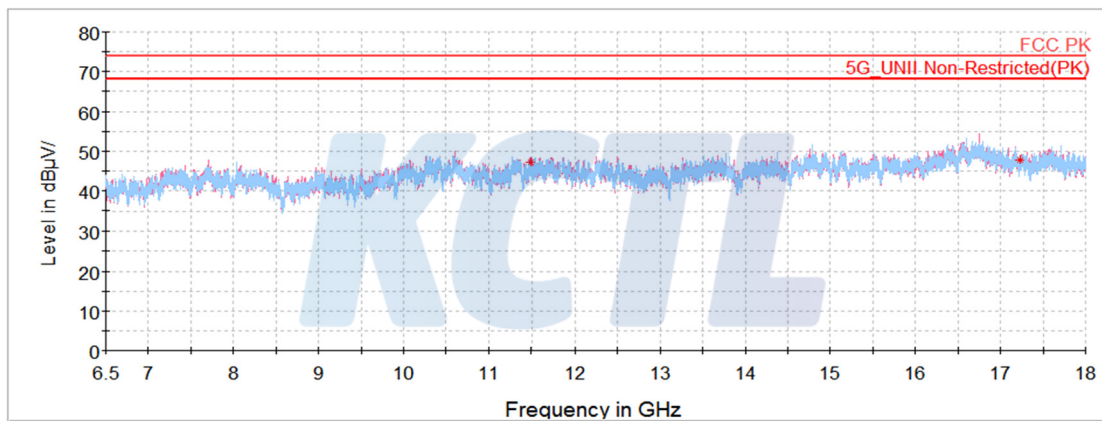
Horizontal/Vertical for Band-edge



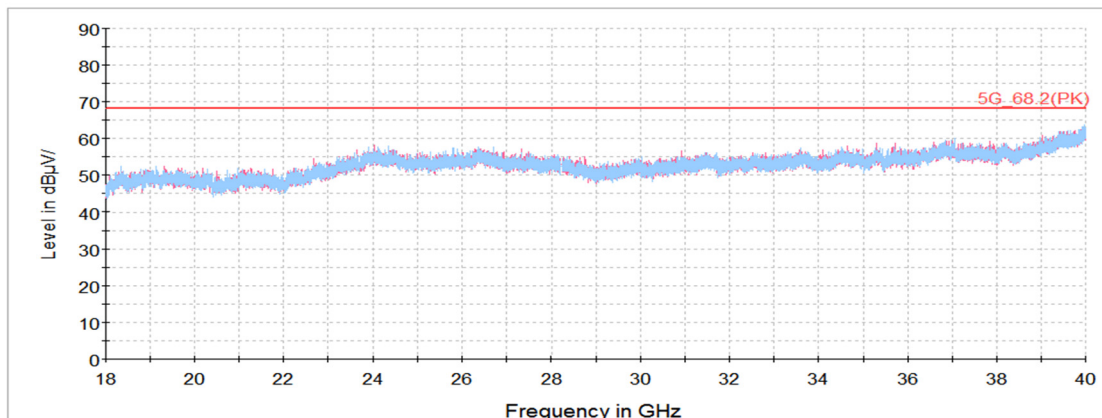
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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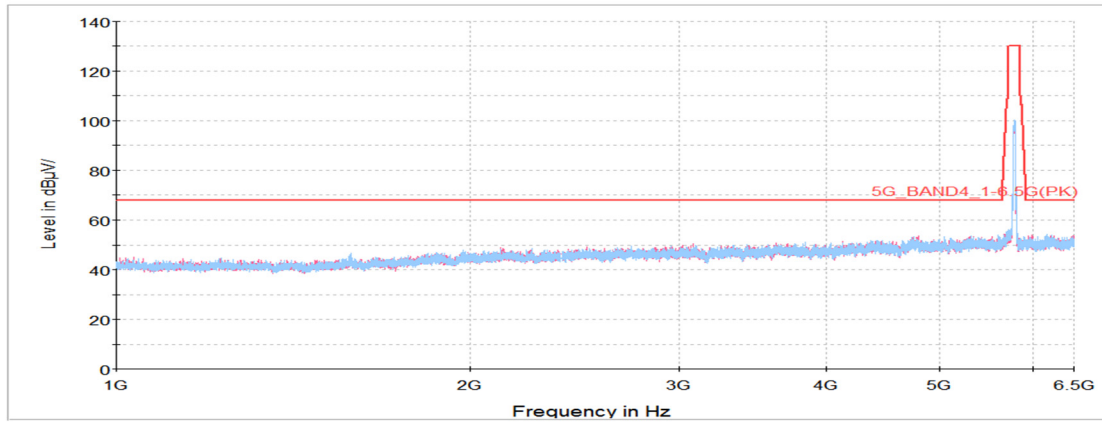
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**Middle Channel (5 785 MHz)**

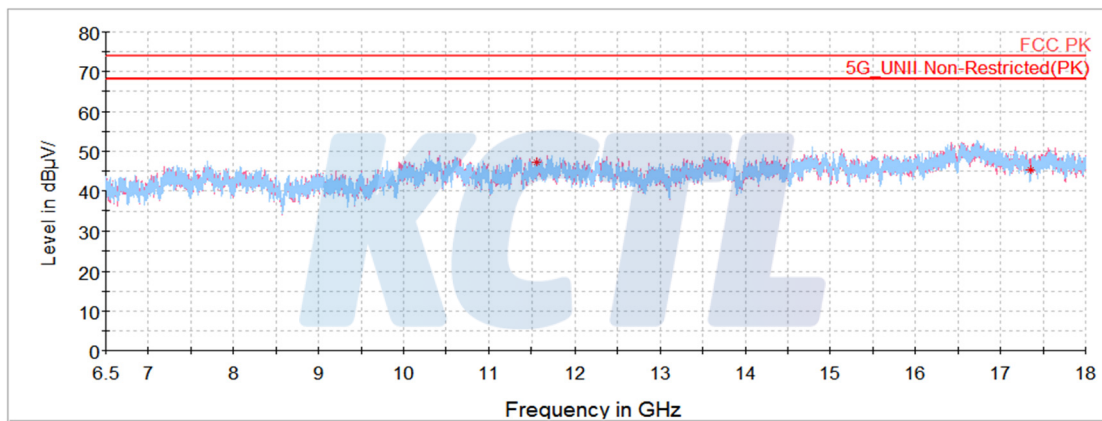
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 570.42 ¹⁾	V	57.17	38.36	-48.41	-	47.12	74.00	26.88
17 355.64	H	50.94	41.27	-46.93	-	45.28	68.20	22.92
Average Data								
No spurious emissions were detected within 20 dB of the limit.								



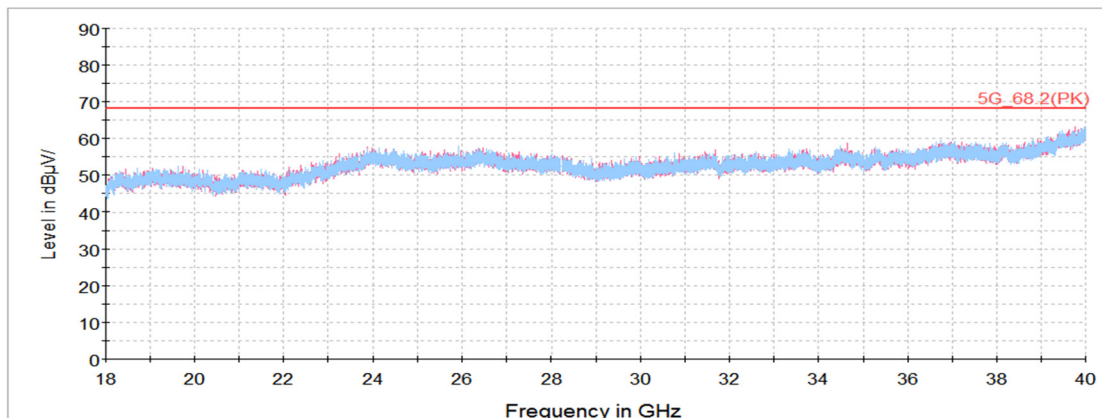
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Horizontal/Vertical for 18 GHz ~ 40 GHz



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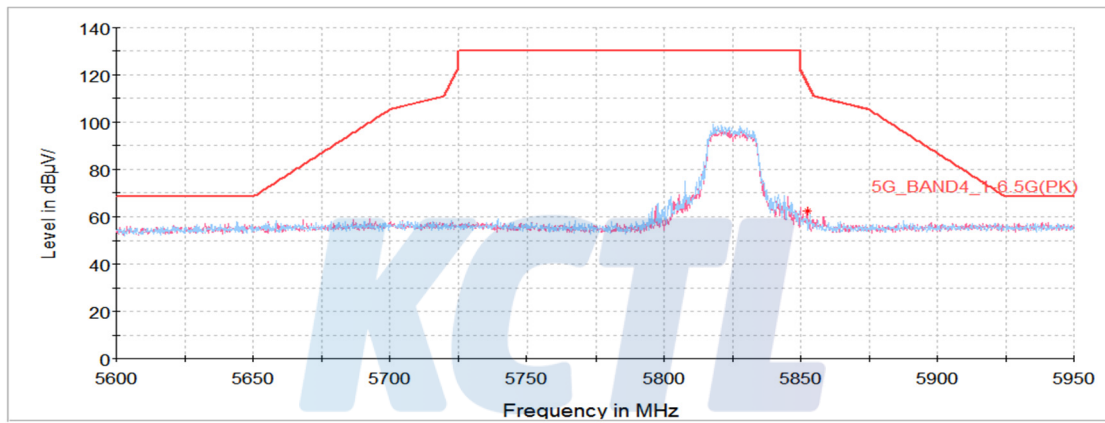
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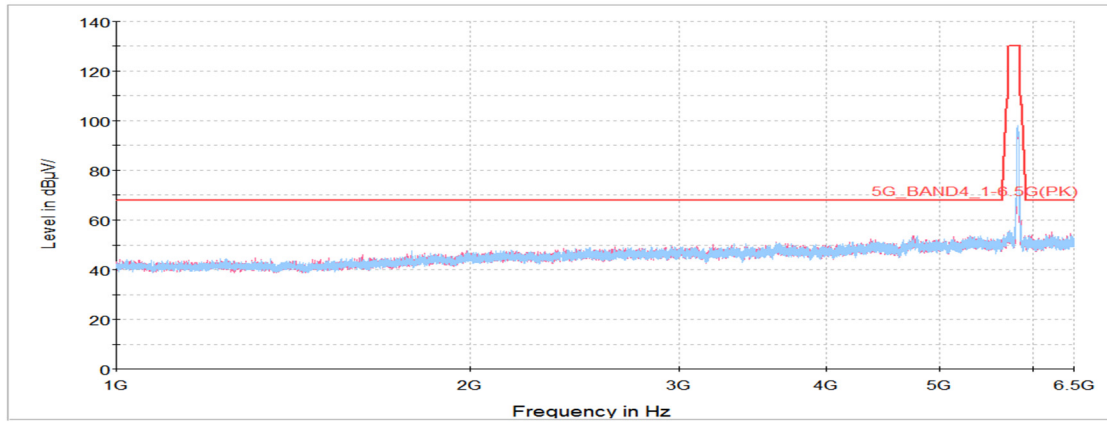
Highest Channel (5 825 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Amp. + Cable (dB)	Antenna Factor (dB)	DCCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
5 852.38	V	53.77	34.92	-26.67	-	62.02	116.79	54.76
11 650.56 ¹⁾	H	55.90	38.42	-48.74	-	45.58	74.00	28.42
17 475.67	V	52.85	41.30	-47.21	-	46.94	68.20	21.26
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

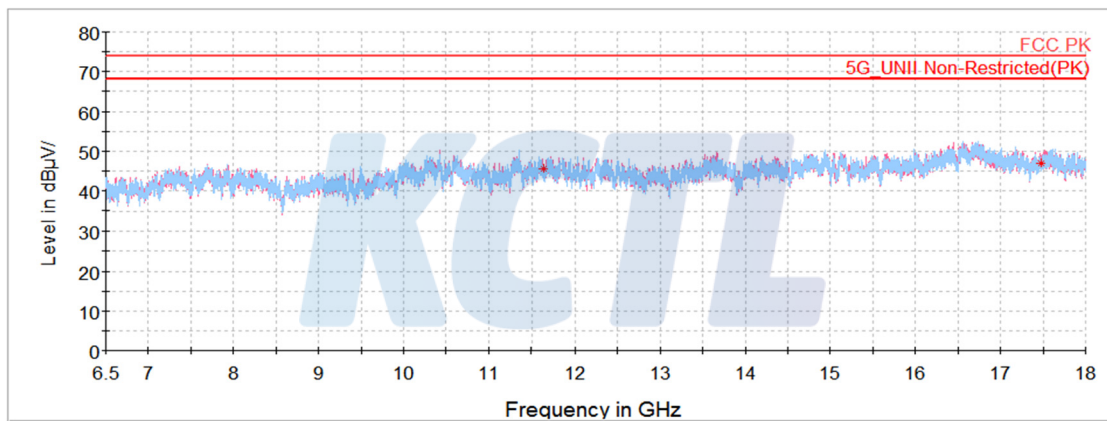
Horizontal/Vertical for Band-edge



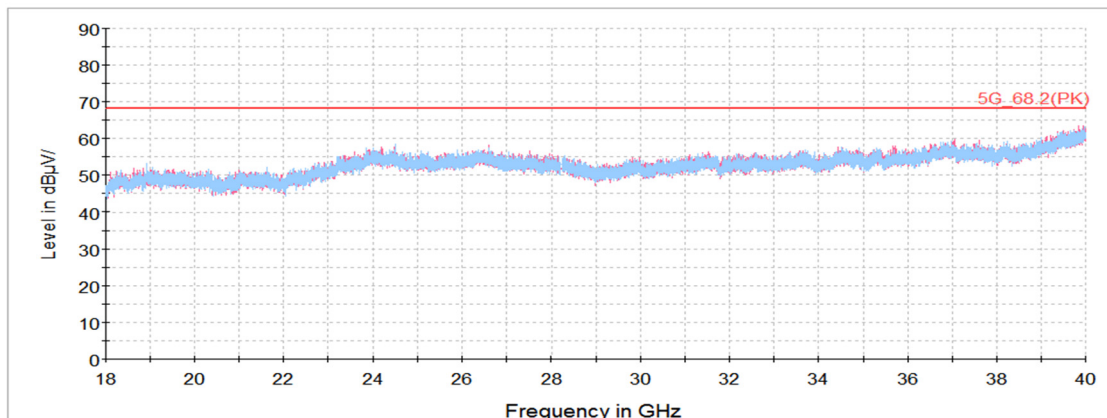
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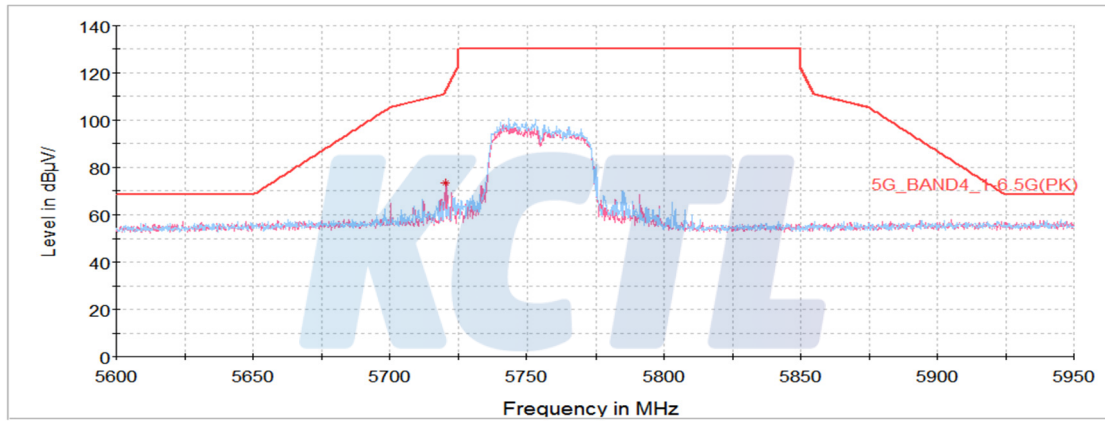


802.11n HT40 UNII-3

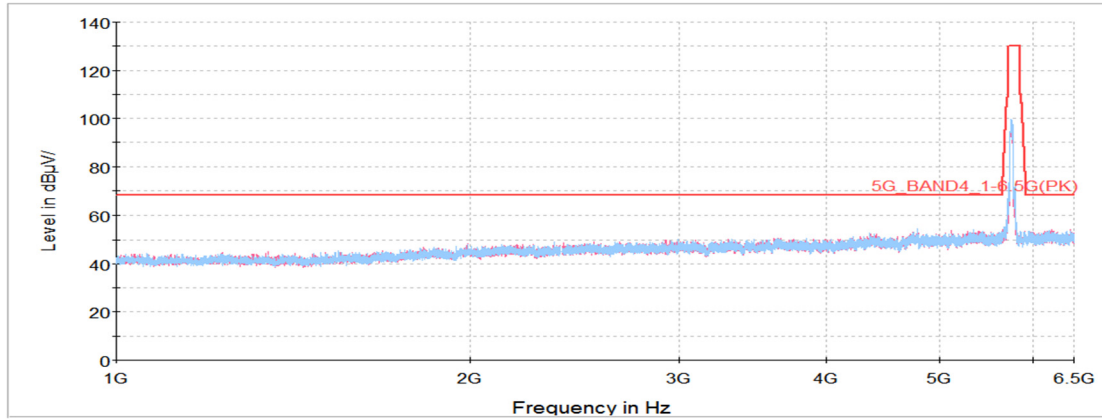
Lowest Channel (5 755 MHz)

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								
5 720.72	V	64.41	34.76	-25.86	-	73.31	112.44	39.13
11 510.05 ¹⁾	V	54.89	38.31	-48.16	-	45.04	74.00	28.96
17 265.44	V	54.16	41.25	-46.71	-	48.70	68.20	19.50
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

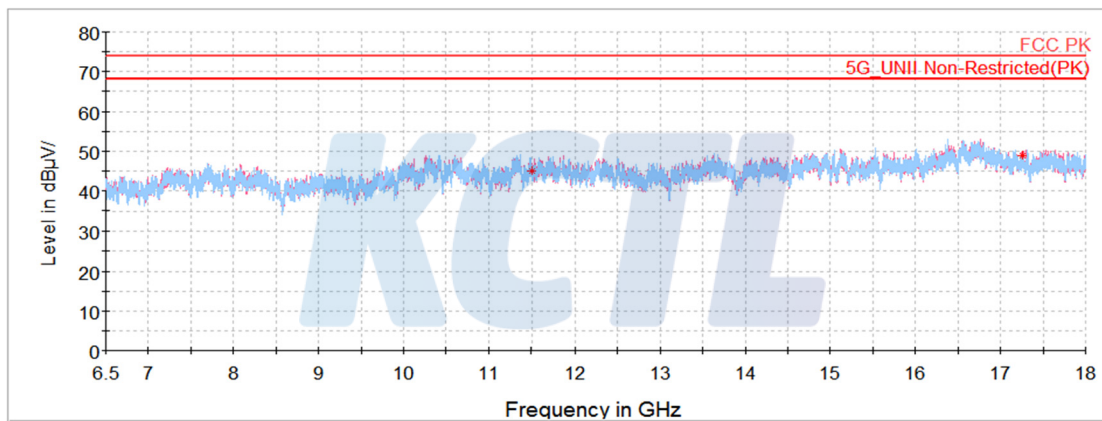
Horizontal/Vertical for Band-edge



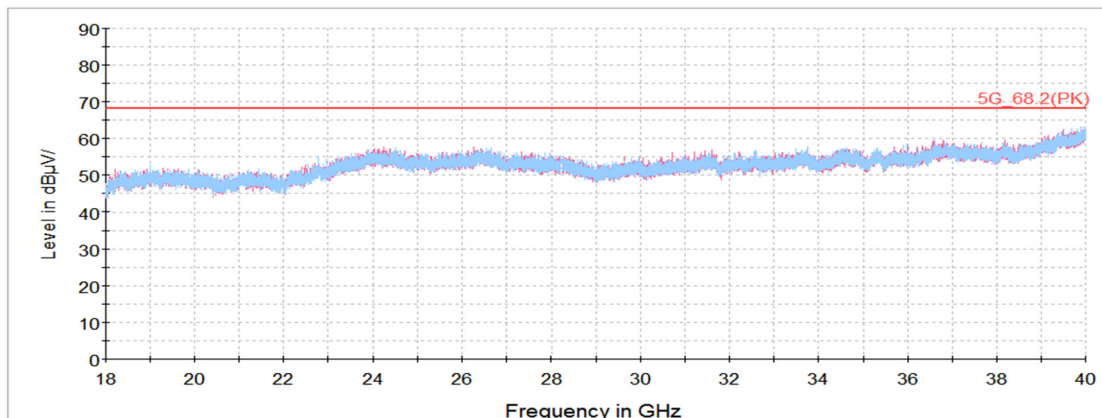
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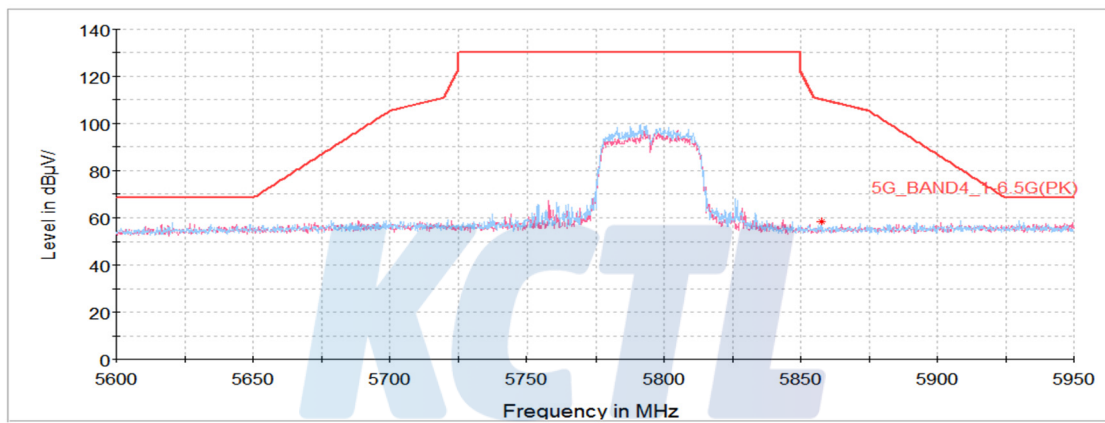
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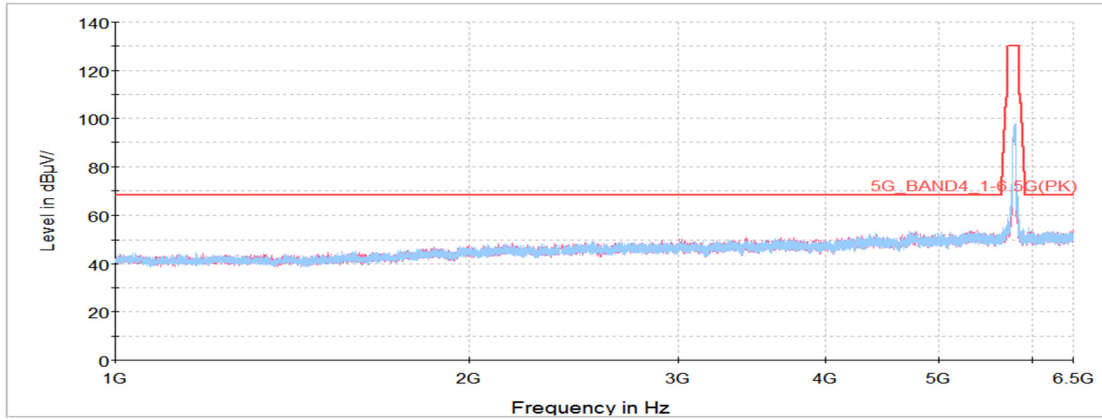
Highest Channel (5 795 MHz)

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								
5 857.53	H	50.24	34.93	-26.63	-	58.54	110.09	51.55
11 590.19 ¹⁾	H	58.18	38.37	-48.49	-	48.06	74.00	25.94
17 385.11	H	53.96	41.28	-47.00	-	48.24	68.20	19.96
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

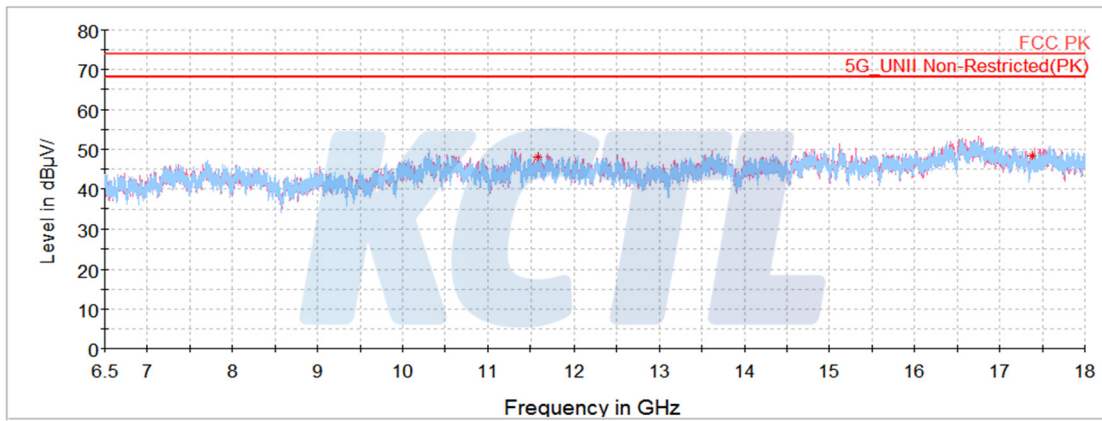
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Horizontal/Vertical for 18 GHz ~ 40 GHz

