

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-SRF0117-B

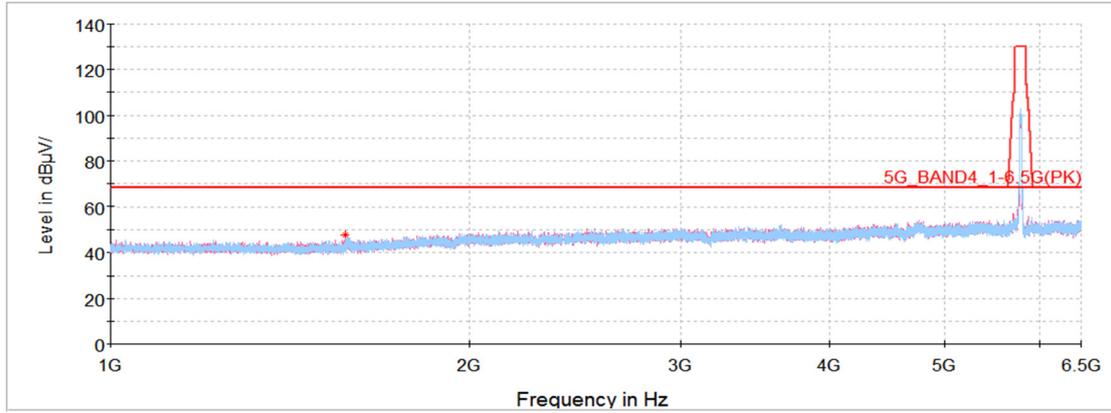
Page (171) of (199)

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

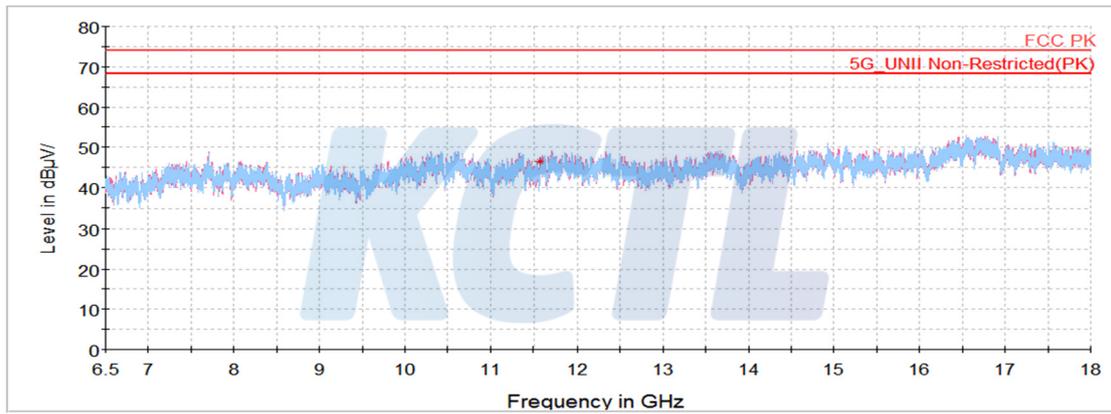
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 576.89 ¹⁾	V	56.55	38.29	-48.43	-	46.41	74.00	27.59
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

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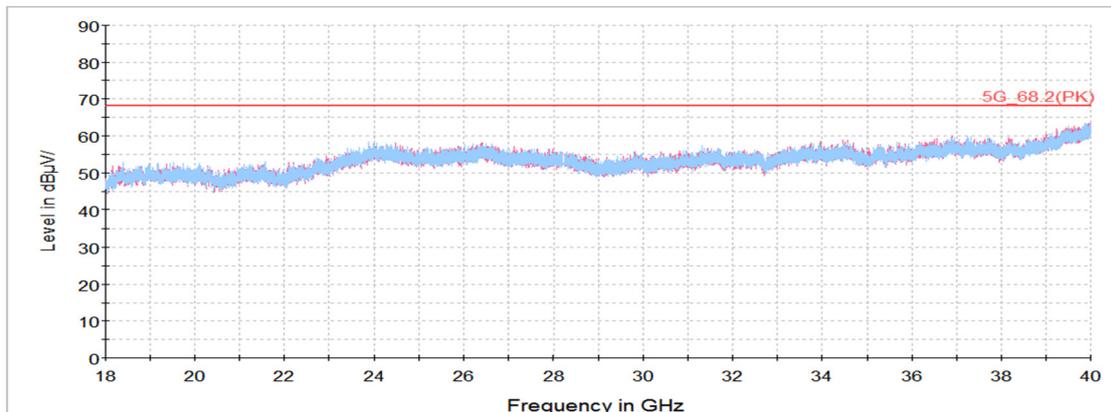
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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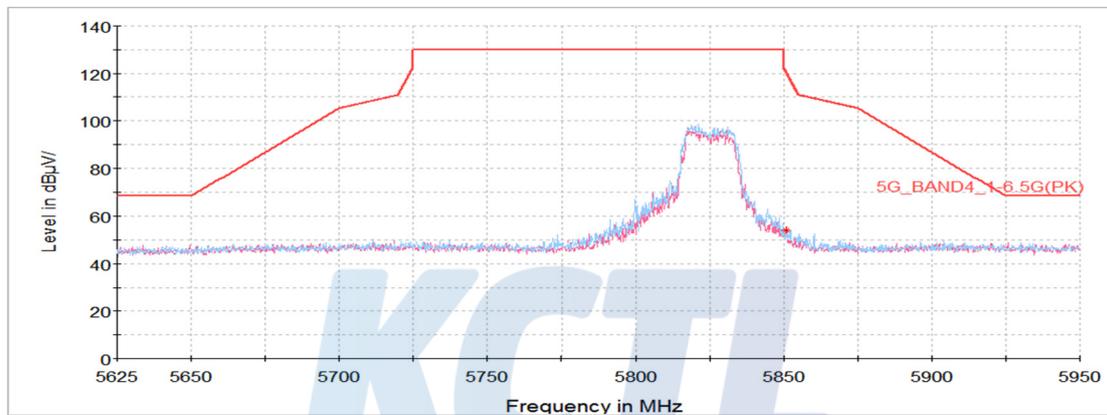
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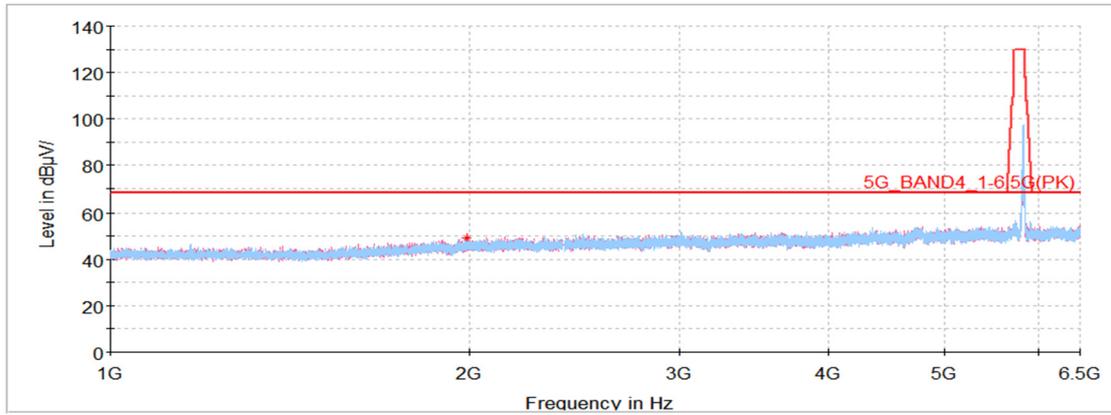
Highest Channel (5 825 MHz)

Frequency (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								
5 850.83	H	45.99	34.92	-26.68	-	54.23	120.31	66.08
11 650.56 ¹⁾	H	55.96	38.38	-48.74	-	45.60	74.00	28.40
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

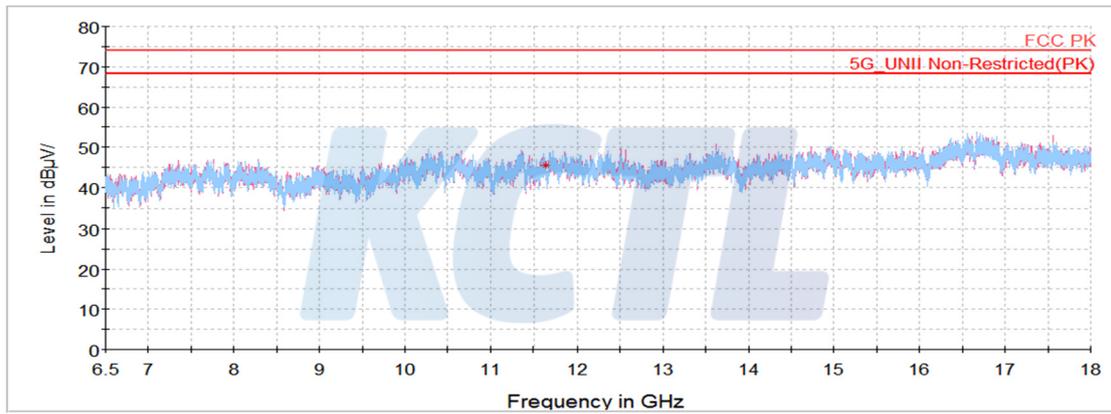
Horizontal/Vertical for Band-edge



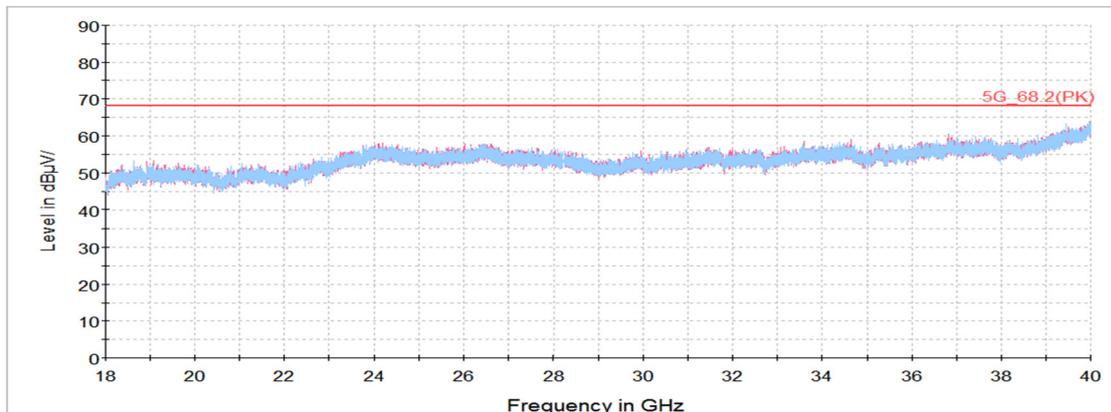
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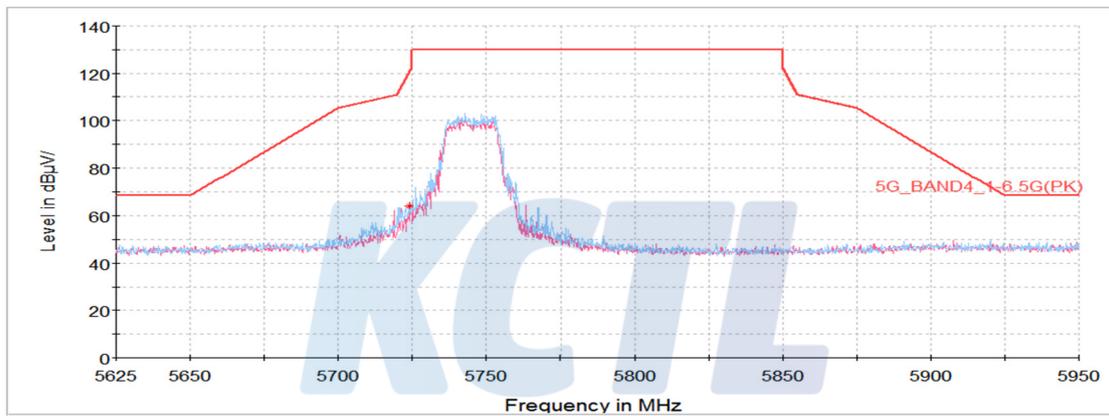


802.11n HT20 UNII-3

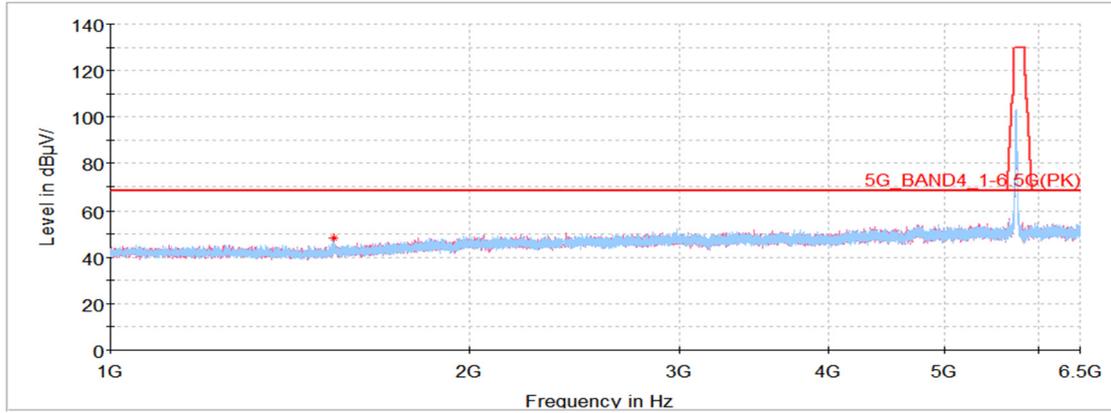
Lowest Channel (5 745 MHz)

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								
5 724.33	H	54.89	34.77	-25.91	-	63.75	120.67	56.92
11 488.84 ¹⁾	H	55.53	38.19	-48.19	-	45.53	74.00	28.47
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

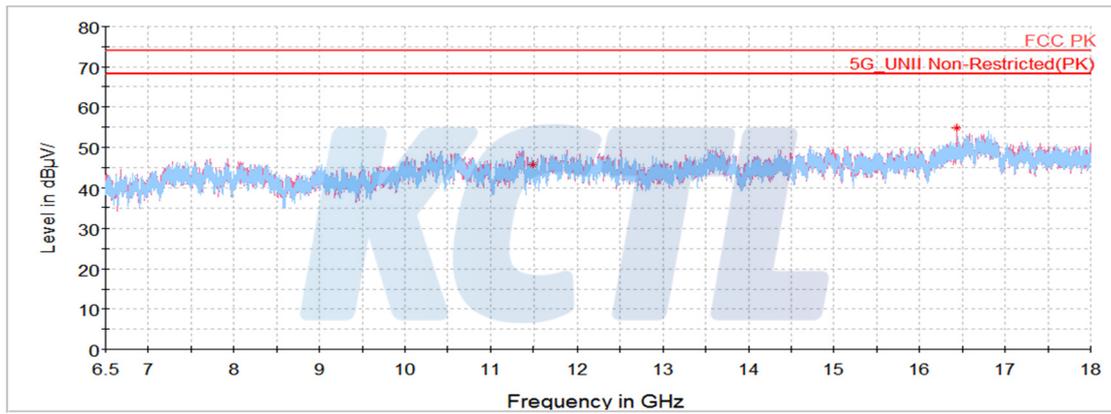
Horizontal/Vertical for Band-edge



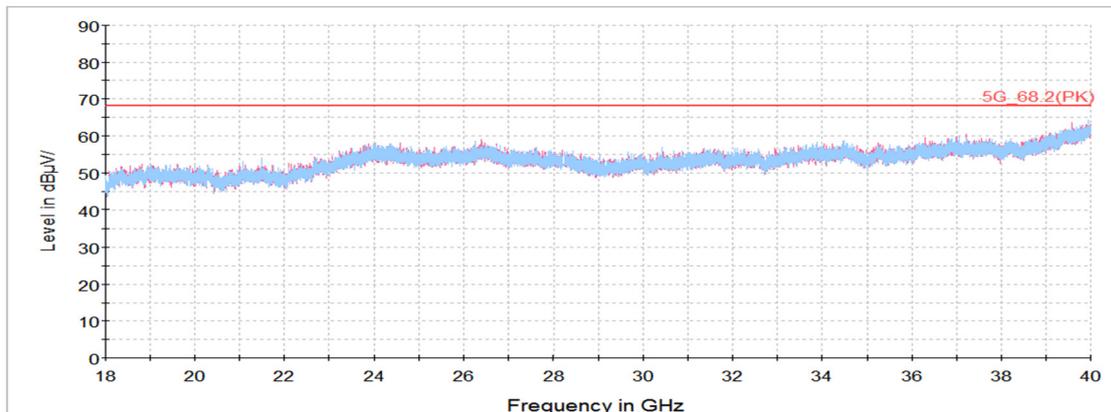
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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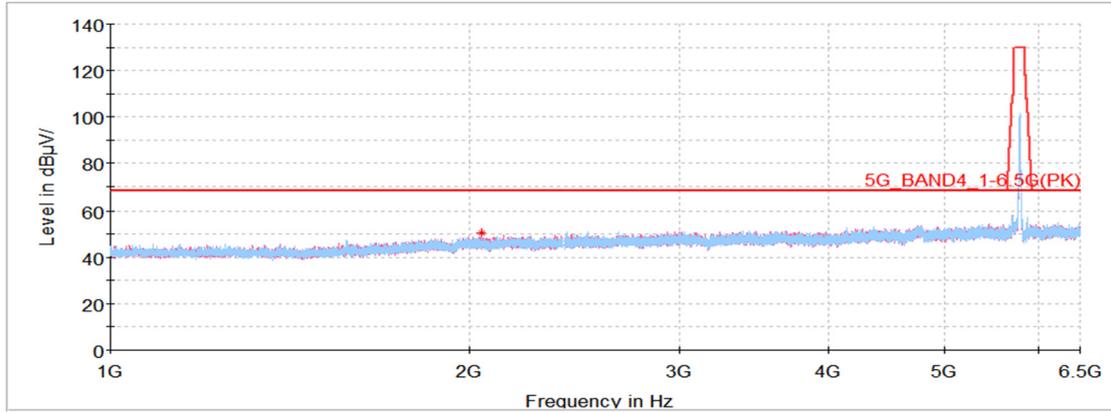
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**Middle Channel (5 785 MHz)**

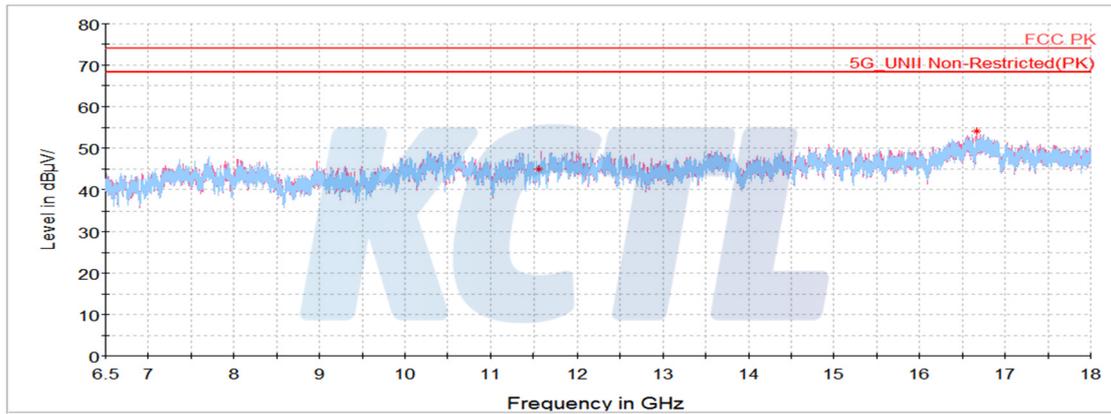
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data								
11 569.34 ¹⁾	H	55.07	38.28	-48.40	-	44.95	74.00	29.05
Average Data								
No spurious emissions were detected within 20 dB of the limit.								



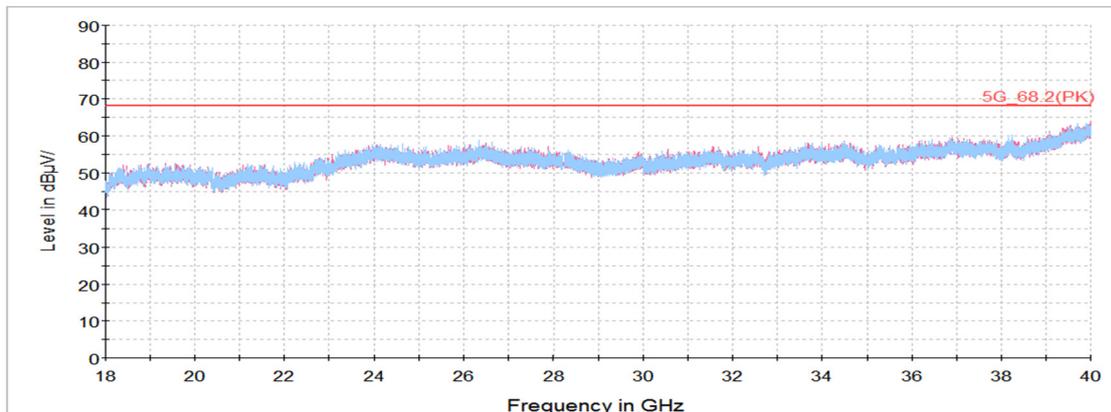
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Horizontal/Vertical for 18 GHz ~ 40 GHz



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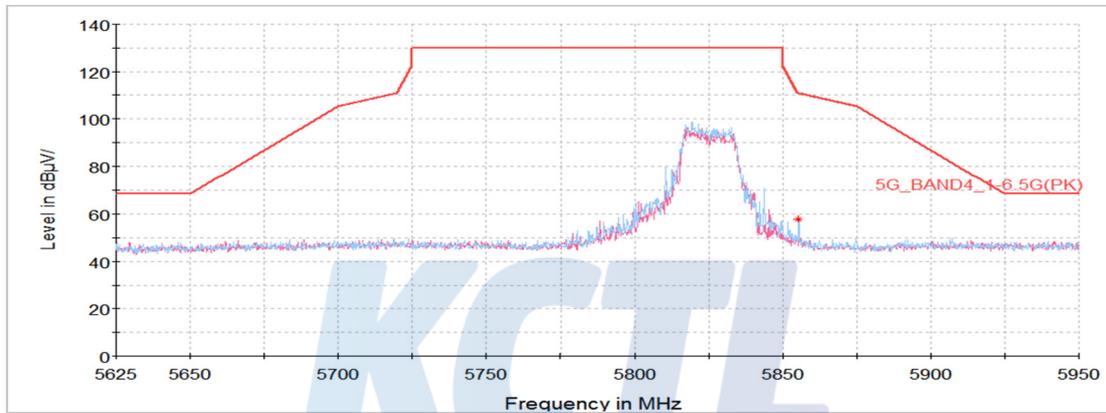
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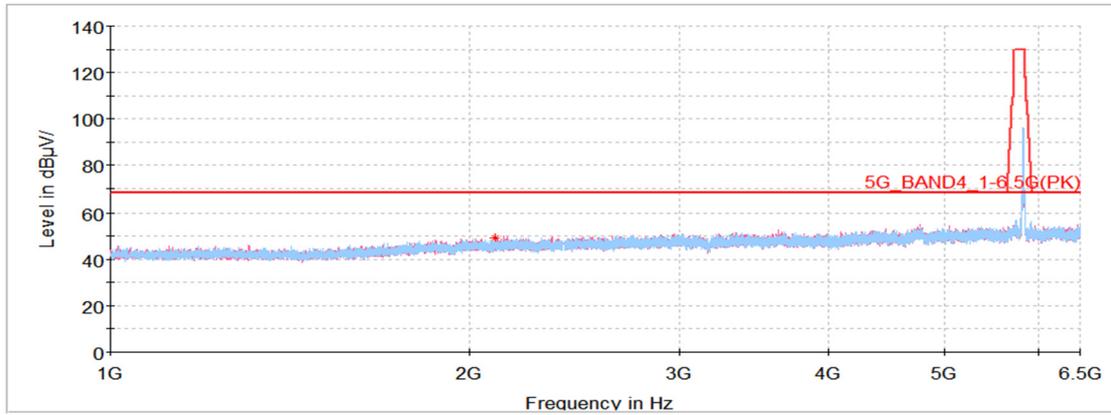
Highest Channel (5 825 MHz)

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								
5 855.30	H	49.69	34.93	-26.65	-	57.97	110.72	52.75
11 651.64 ¹⁾	H	54.97	38.38	-48.74	-	44.61	74.00	29.39
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

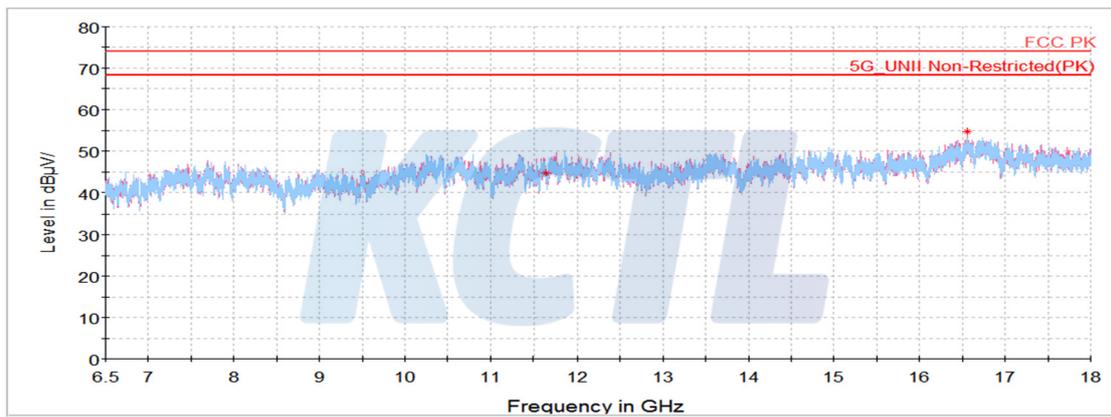
Horizontal/Vertical for Band-edge



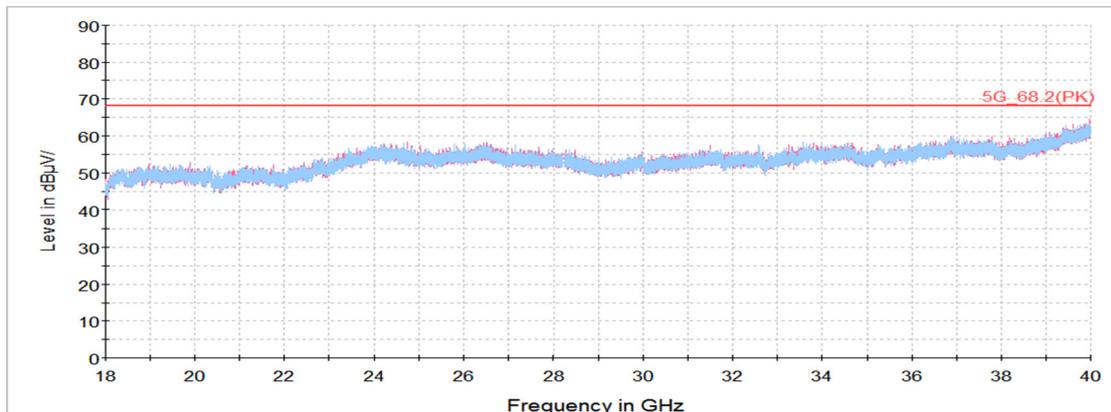
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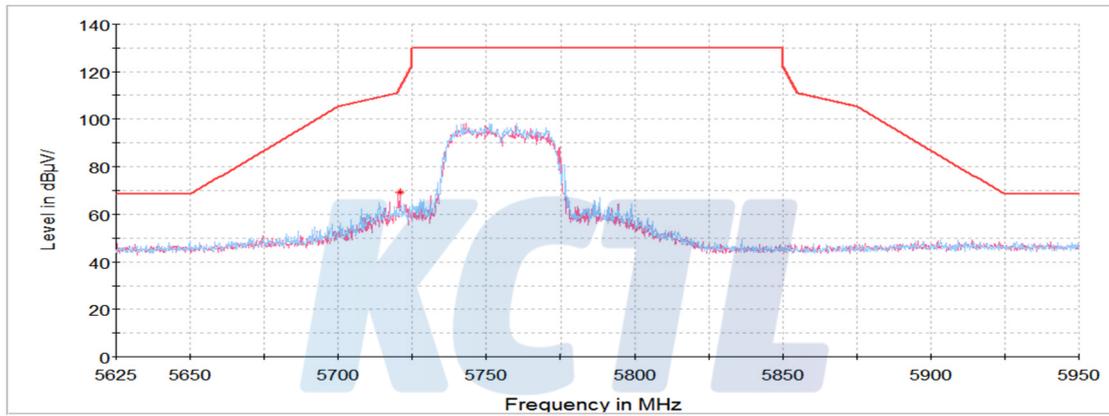
KCTL

802.11n HT40 UNII-3

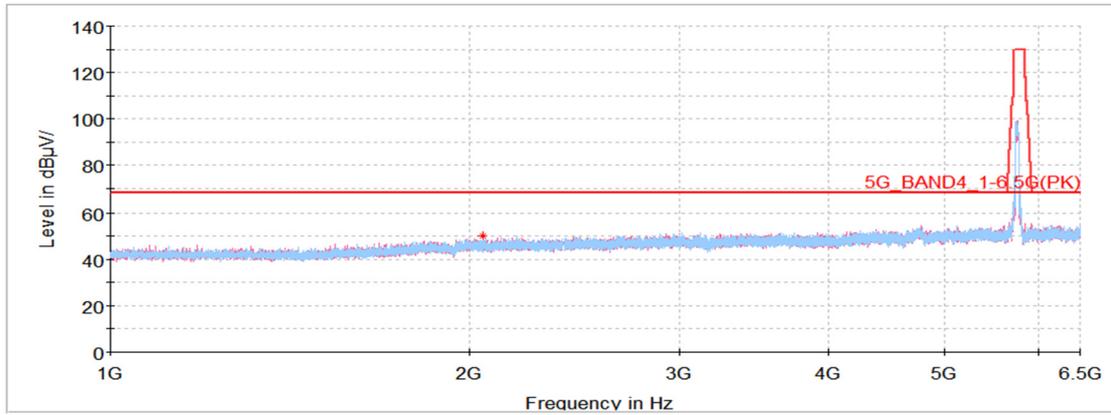
Lowest Channel (5 755 MHz)

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								
5 720.89	V	60.29	34.77	-25.86	-	69.20	112.83	43.63
11 510.77 ¹⁾	H	54.27	38.21	-48.16	-	44.32	74.00	29.68
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

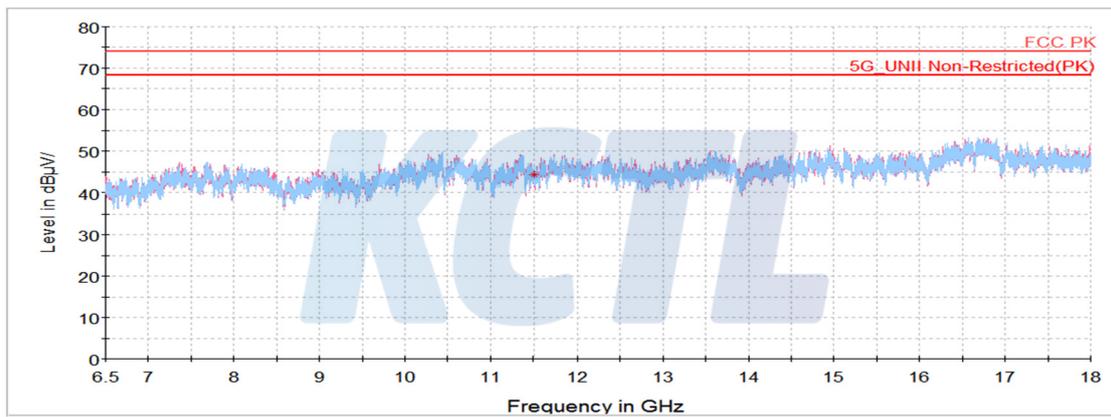
Horizontal/Vertical for Band-edge



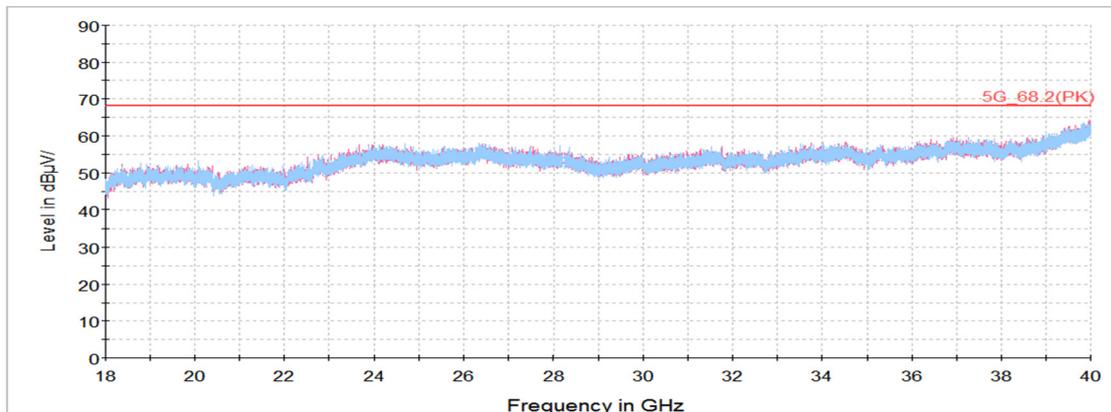
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Horizontal/Vertical for 18 GHz ~ 40 GHz



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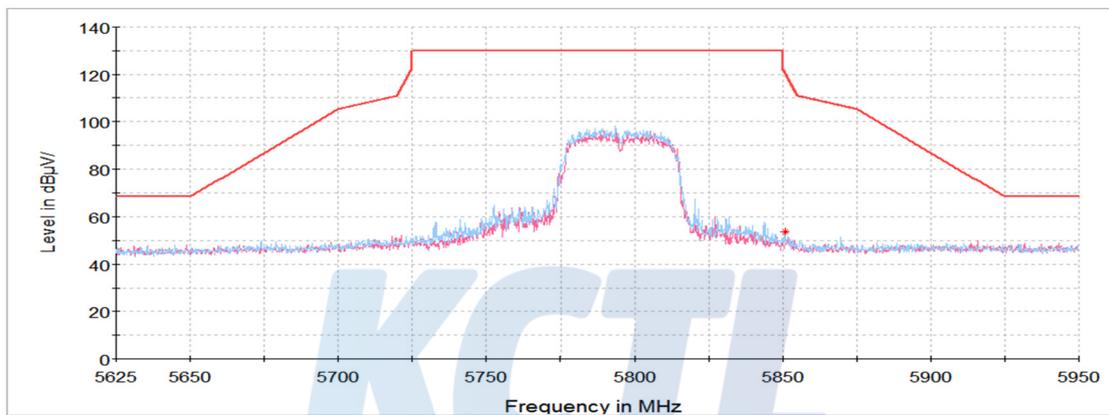
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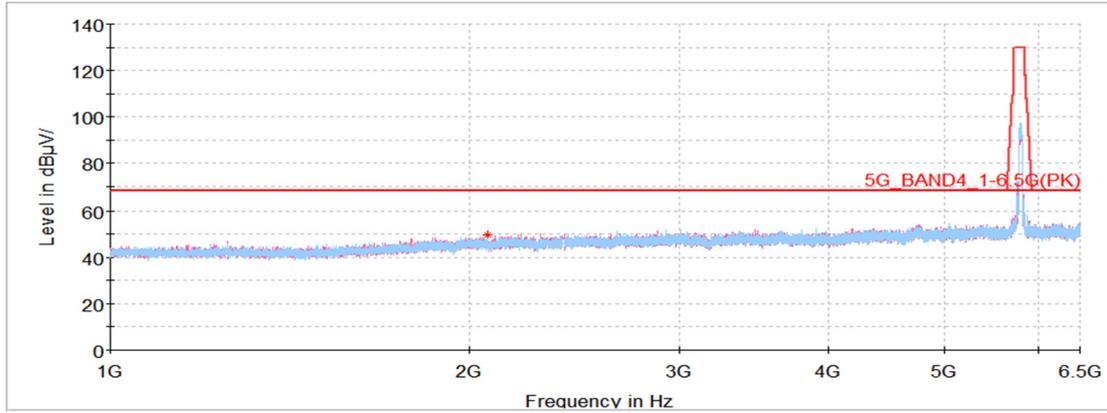
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KCTL**Highest Channel (5 795 MHz)**

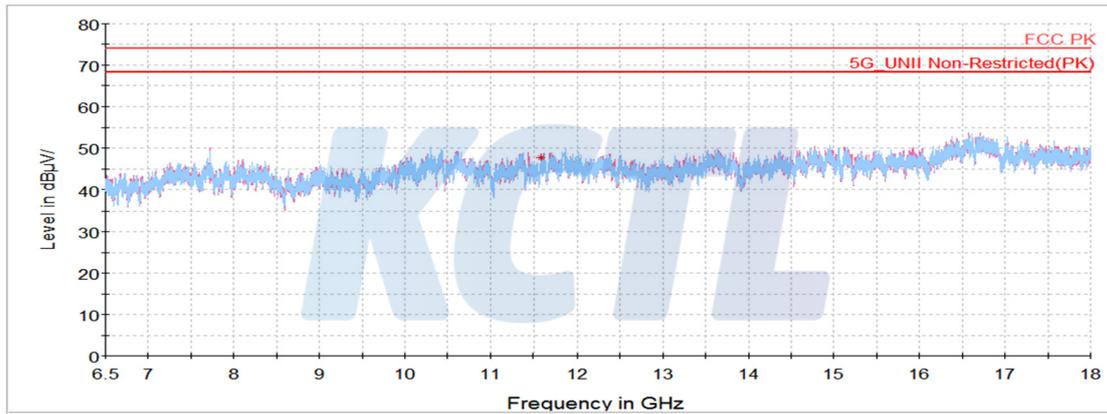
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 850.66	H	45.50	34.92	-26.68	-	53.74	120.70	66.96
11 589.83 ¹⁾	H	57.83	38.31	-48.49	-	47.65	74.00	26.35
Average Data								
No spurious emissions 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

