

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.:

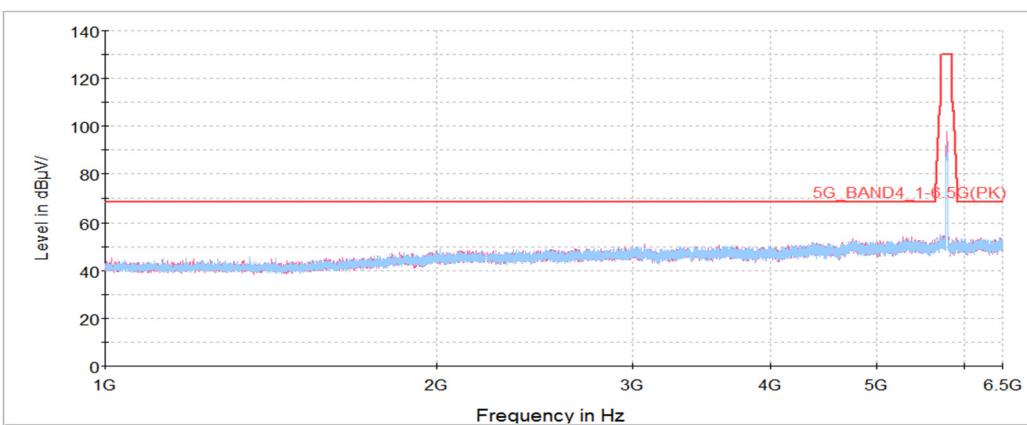
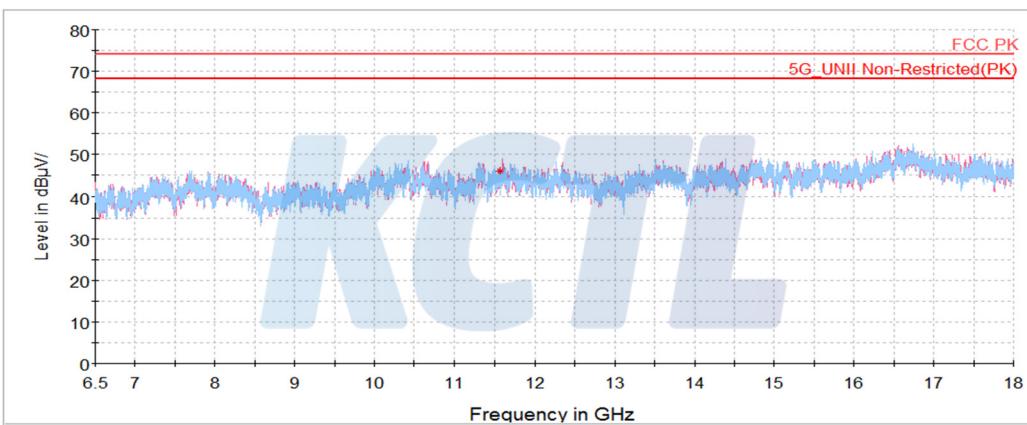
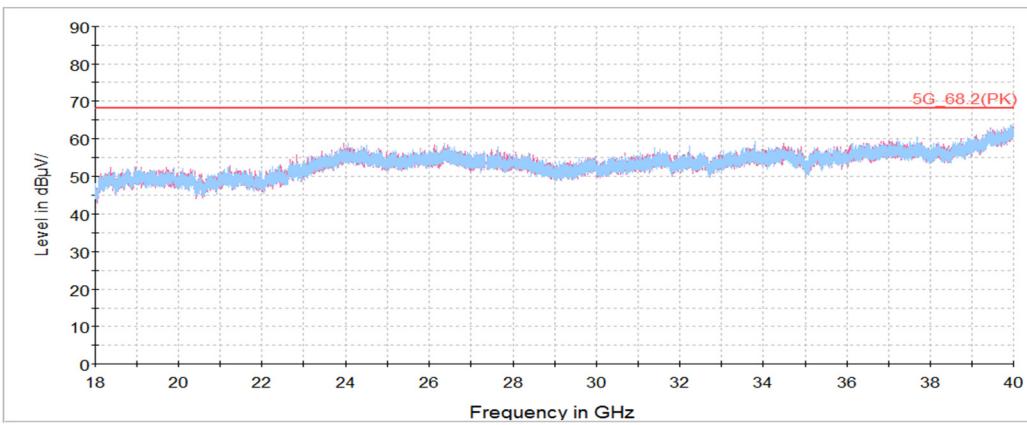
KR20-SRF0044

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

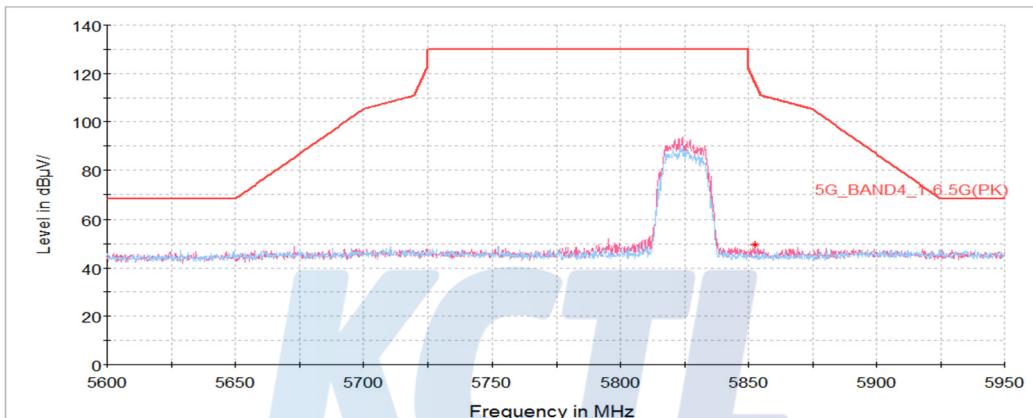
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 569.34 ¹⁾	H	56.19	38.28	-48.40	-	46.07	74.00	27.93
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

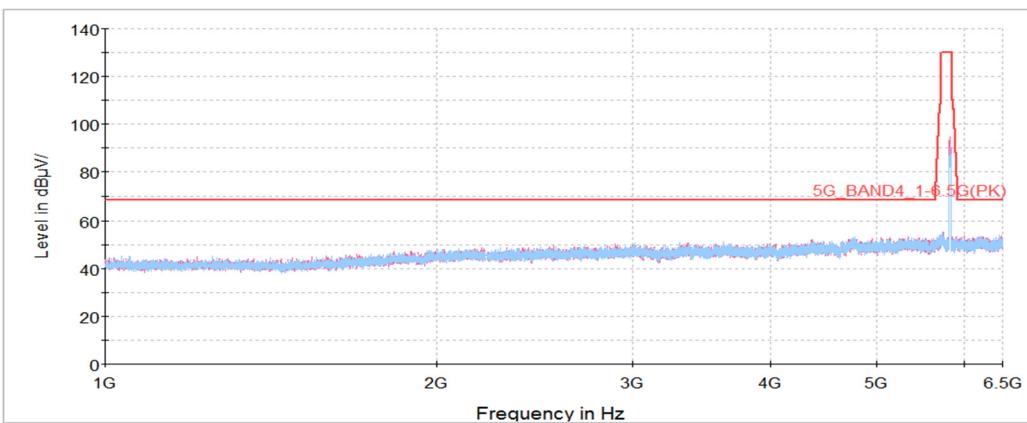
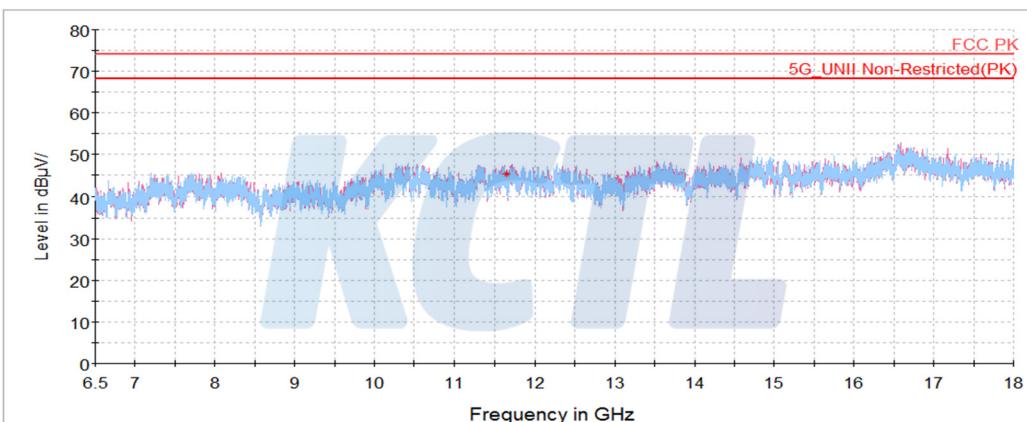
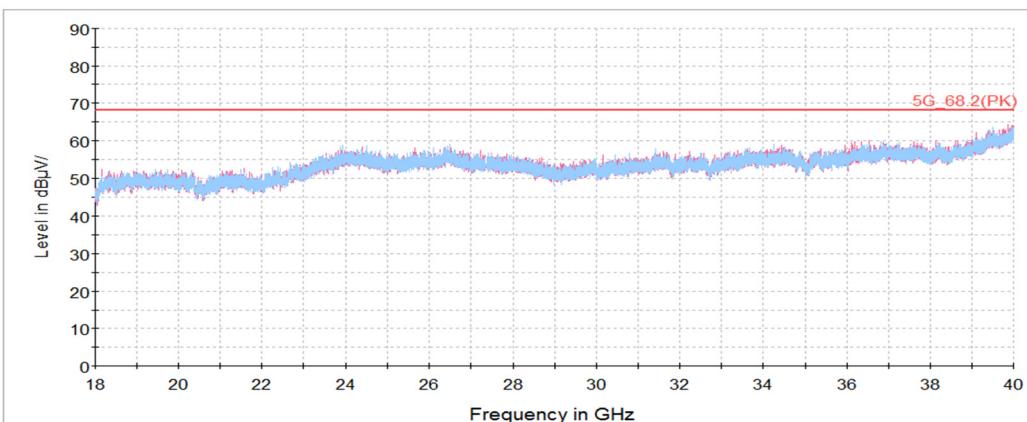
KCTL

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

Highest Channel (5 825 MHz)

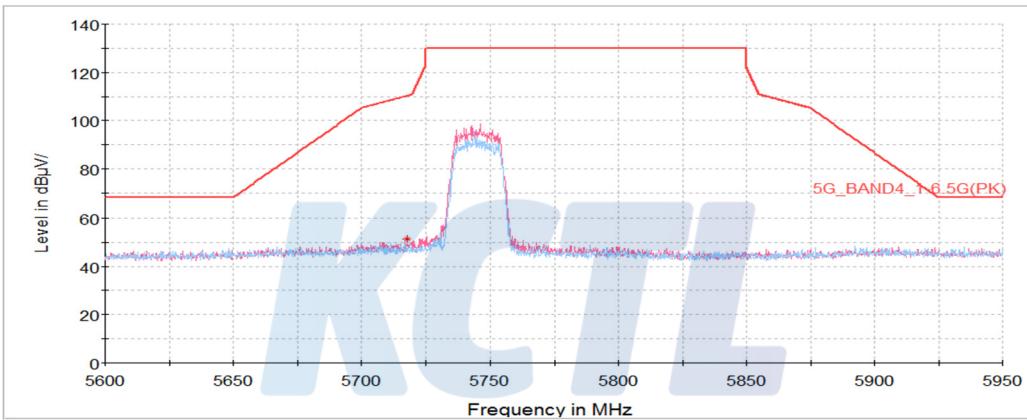
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 852.38	V	41.16	34.92	-26.67	-	49.41	116.79	67.38
11 650.92 ¹⁾	V	55.73	38.38	-48.74	-	45.37	74.00	28.63
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

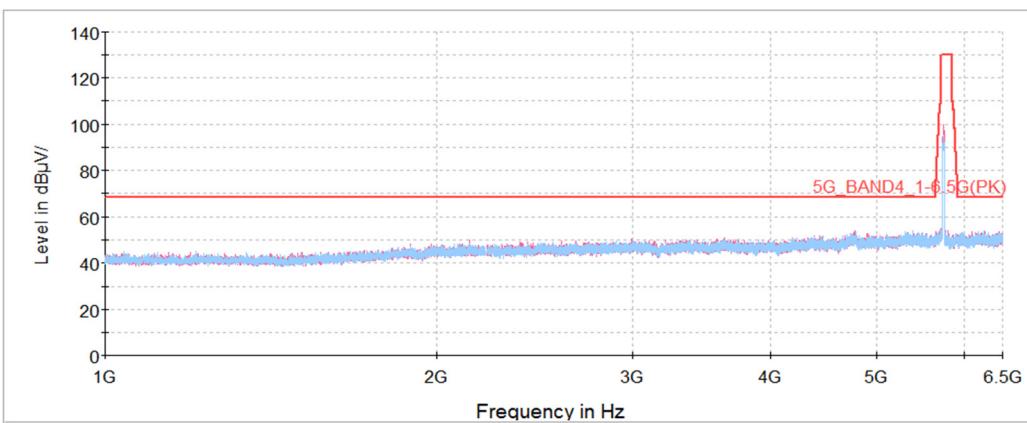
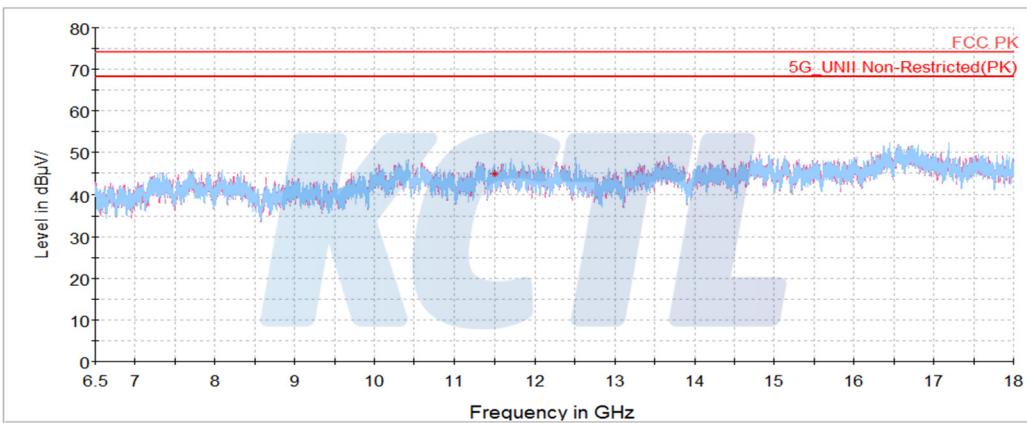
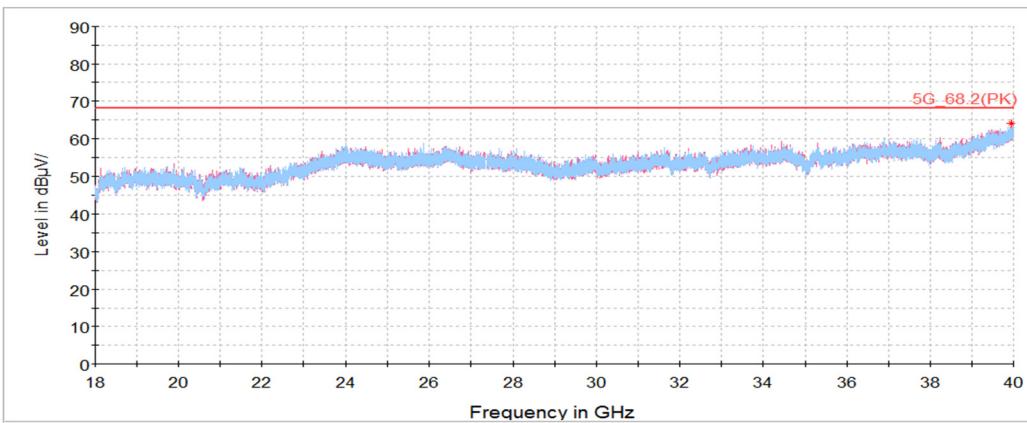
Horizontal/Vertical for Band-edge

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

802.11n HT20 UNII-3**Lowest Channel (5 745 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ N))	(dB)	(dB)	(dB)	(dB(μ N/m))	(dB(μ N/m))	(dB)
Peak data								
5 718.14	V	42.28	34.76	-25.82	-	51.22	110.28	59.06
11 491.00 ¹⁾	H	54.91	38.19	-48.17	-	44.93	74.00	29.07
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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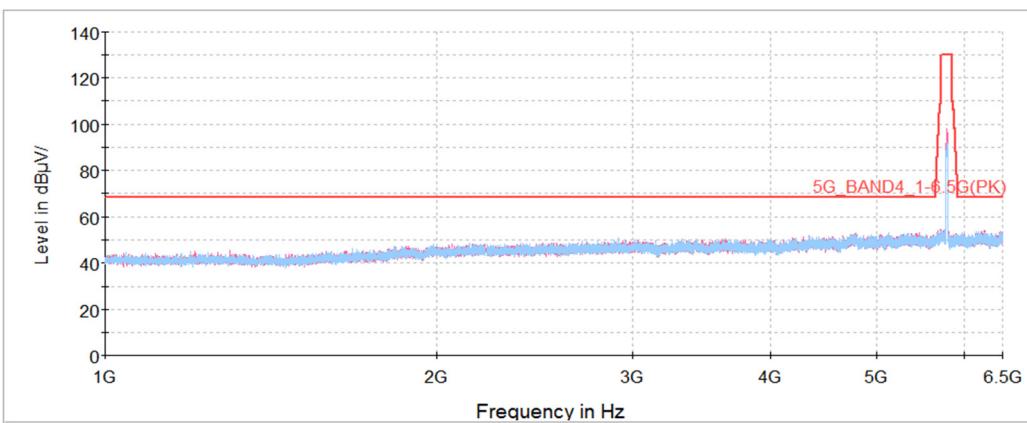
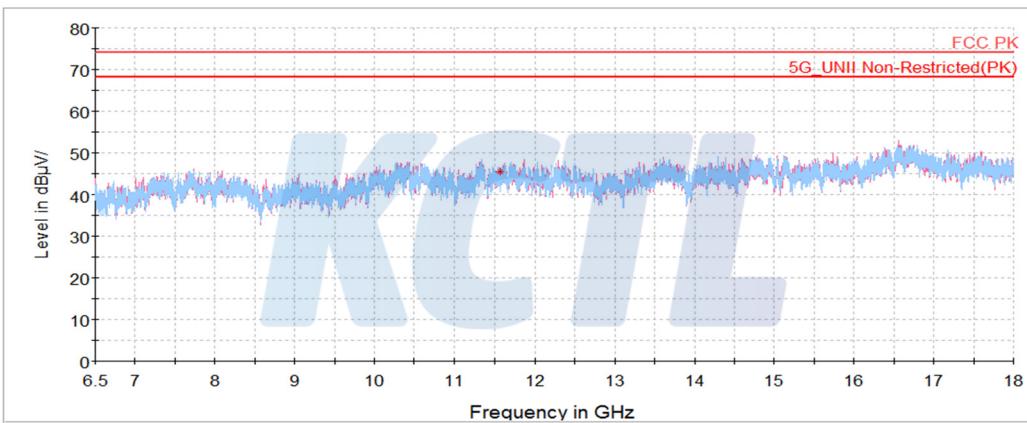
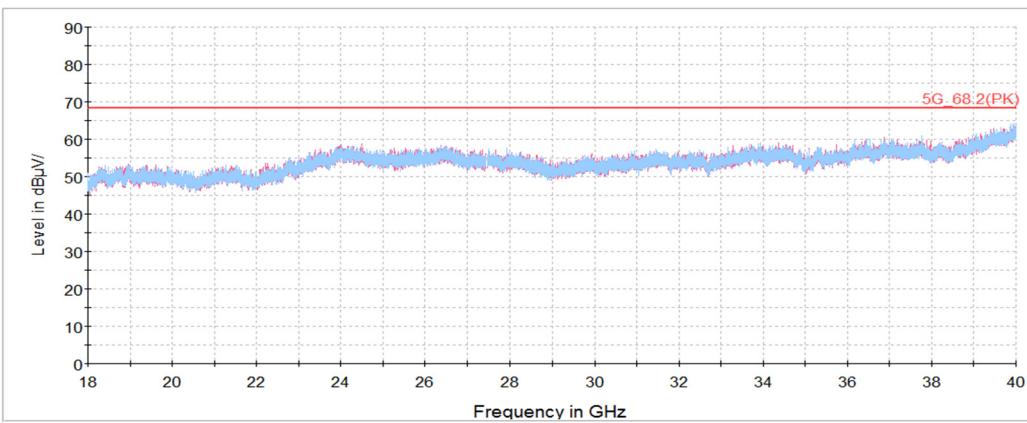
KR20-SRF0044

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**Middle Channel (5 785 MHz)**

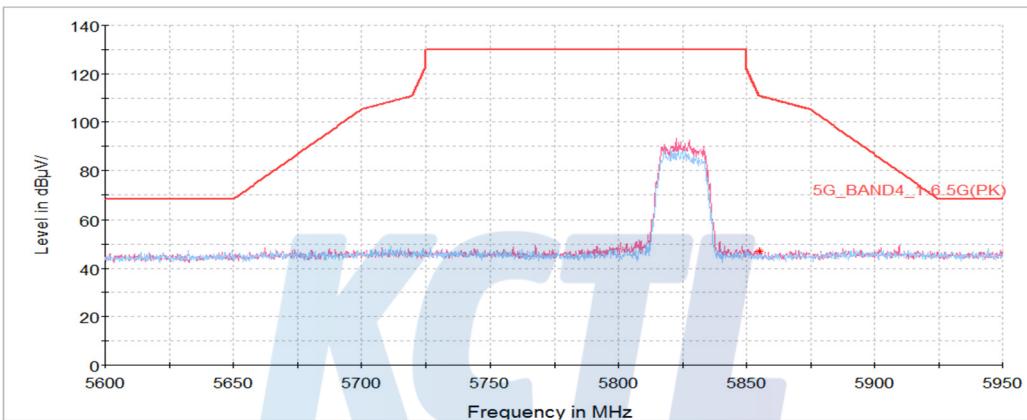
Frequency (MHz)	Pol. (V/H)	Reading (dB(µV))	Ant. Factor (dB)	Amp.+Cable (dB)	DCCF (dB)	Result (dB(µV/m))	Limit (dB(µV/m))	Margin (dB)
Peak data								
11 569.70 ¹⁾	H	55.41	38.28	-48.40	-	45.29	74.00	28.71
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

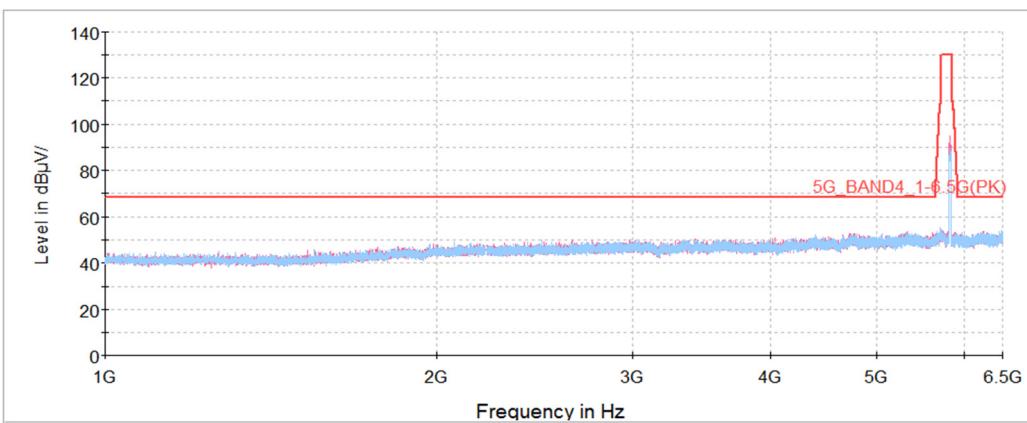
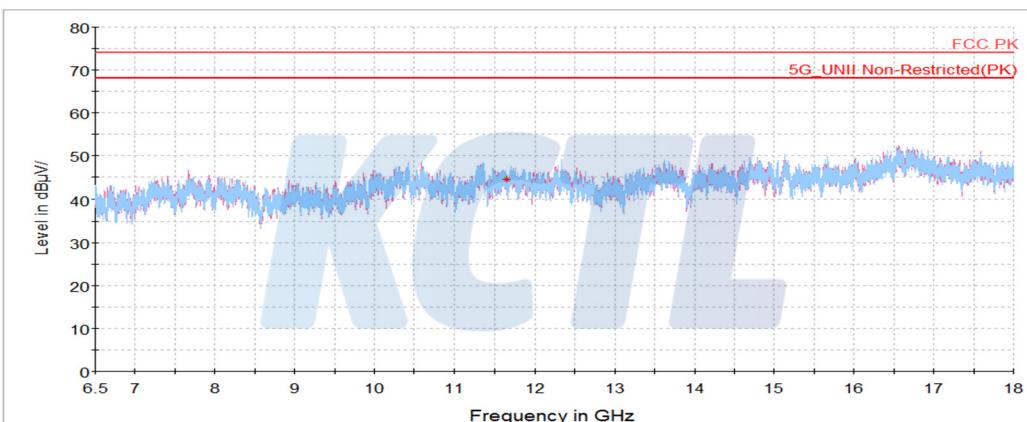
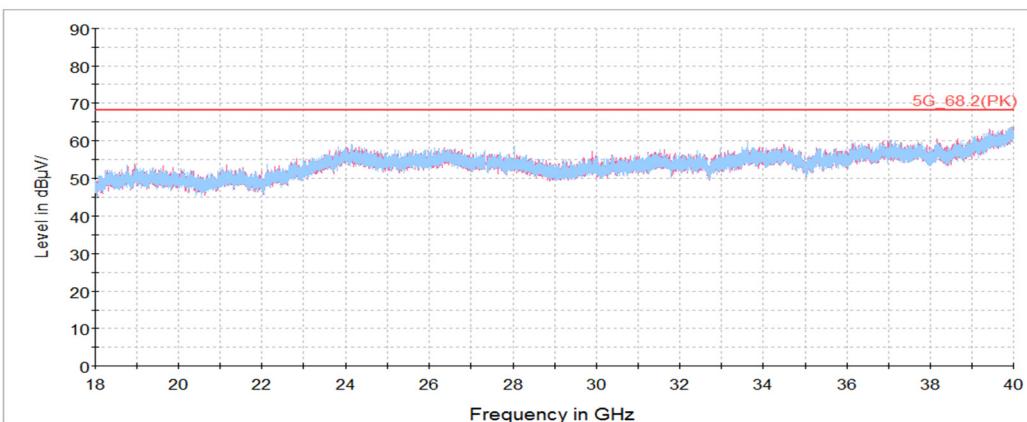
A large, semi-transparent watermark of the "KCTL" logo is centered on the page. The letters are rendered in a lighter shade of blue than the original logo, appearing as a watermark effect.

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

Highest Channel (5 825 MHz)

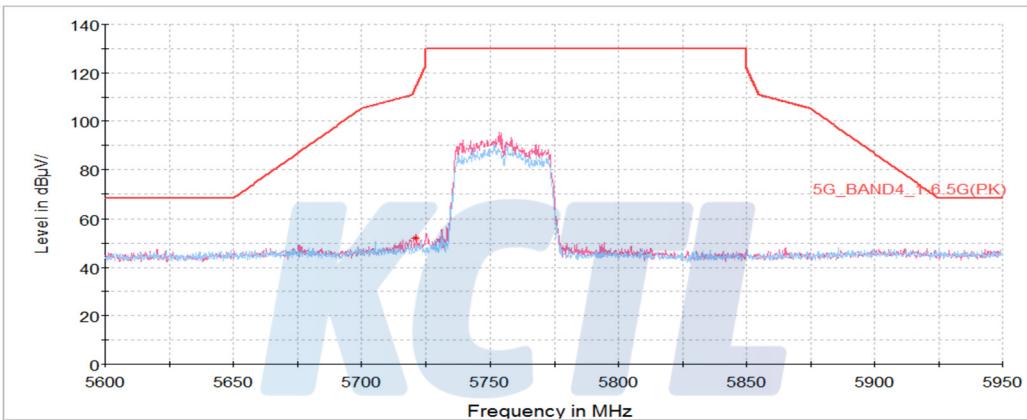
Frequency	Pol.	Reading	Amp. + Cable	Antenna Factor	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 855.30	V	38.80	34.93	-26.65	-	47.08	110.72	63.64
11 651.28 ¹⁾	V	54.91	38.38	-48.74	-	44.55	74.00	29.45
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

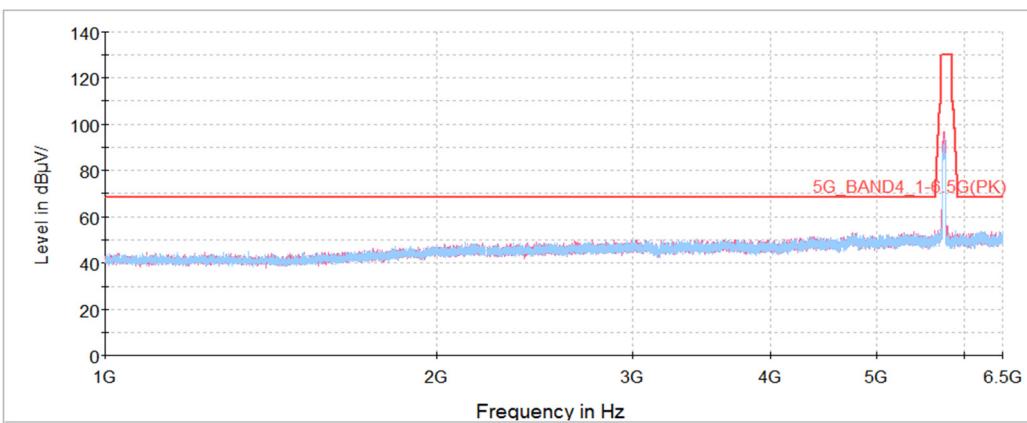
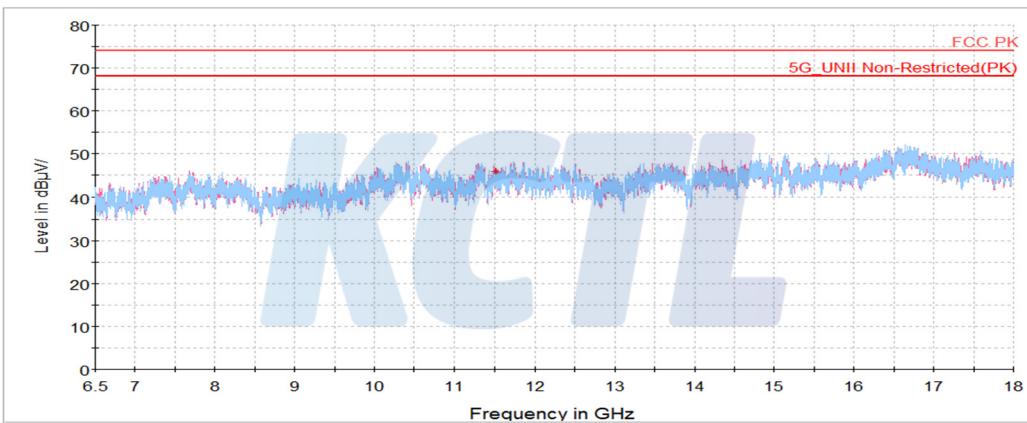
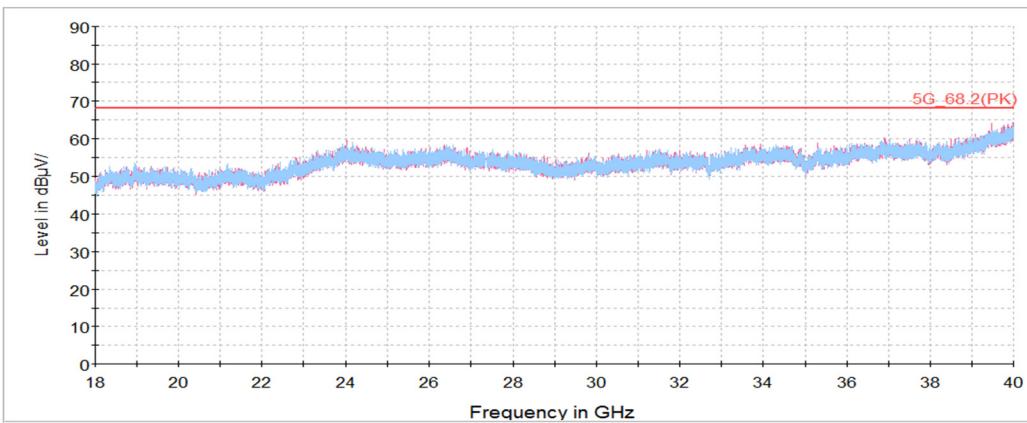
Horizontal/Vertical for Band-edge

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

802.11n HT40 UNII-3**Lowest Channel (5 755 MHz)**

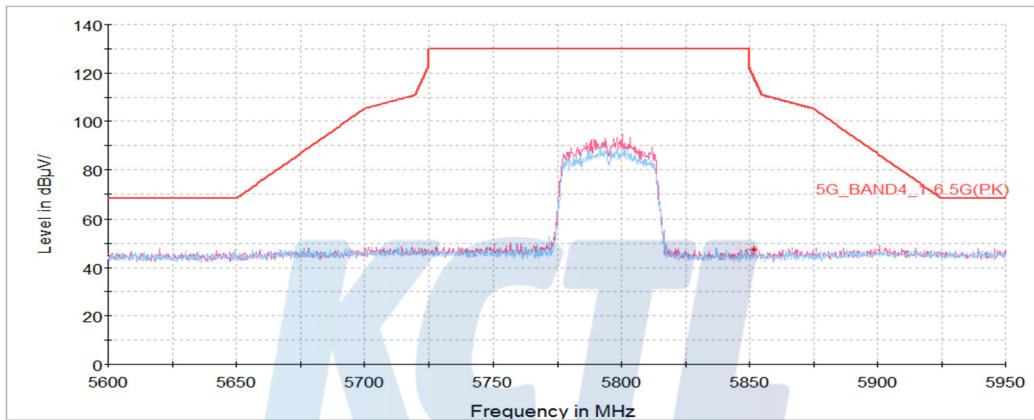
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 721.23	V	43.25	34.77	-25.86	-	52.16	113.61	61.46
11 510.05 ¹⁾	H	55.89	38.21	-48.16	-	45.94	74.00	28.06
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

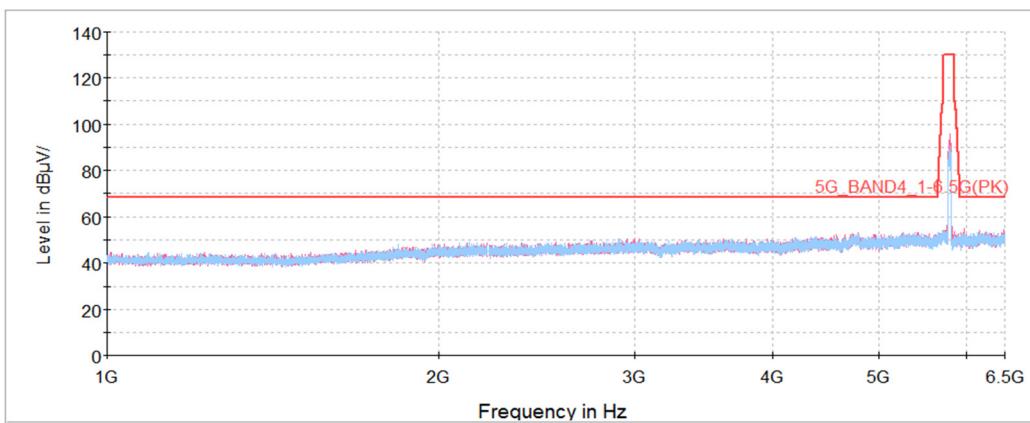
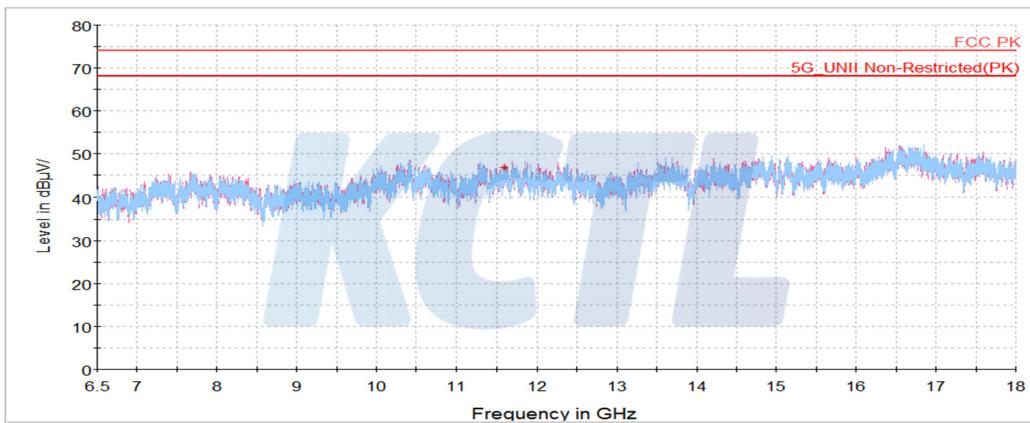
Horizontal/Vertical for Band-edge

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

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								
5 851.52	V	39.29	34.92	-26.67	-	47.54	118.74	71.20
11 589.83 ¹⁾	H	57.00	38.31	-48.49	-	46.82	74.00	27.18
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**