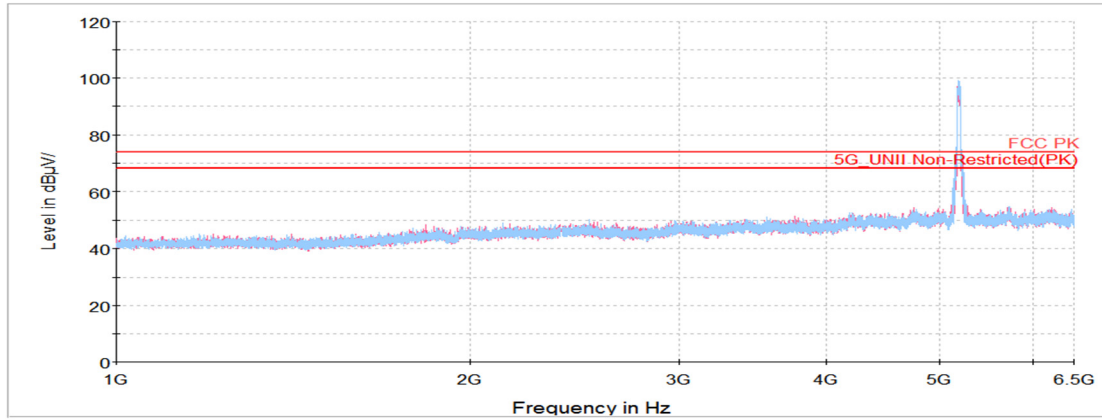
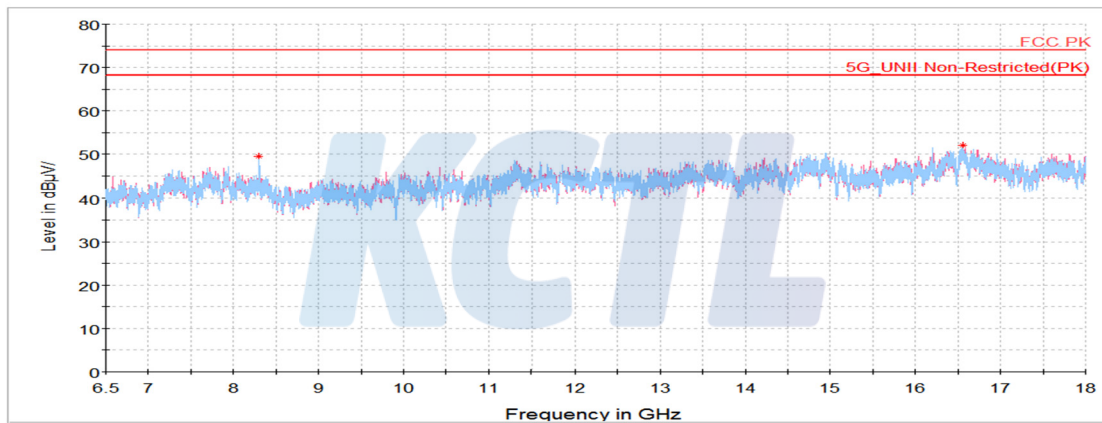


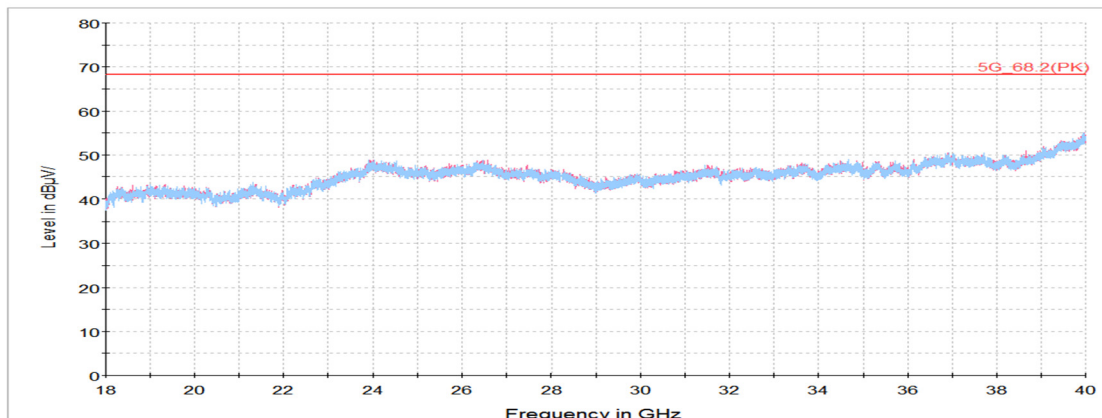
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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-SRF0112-A

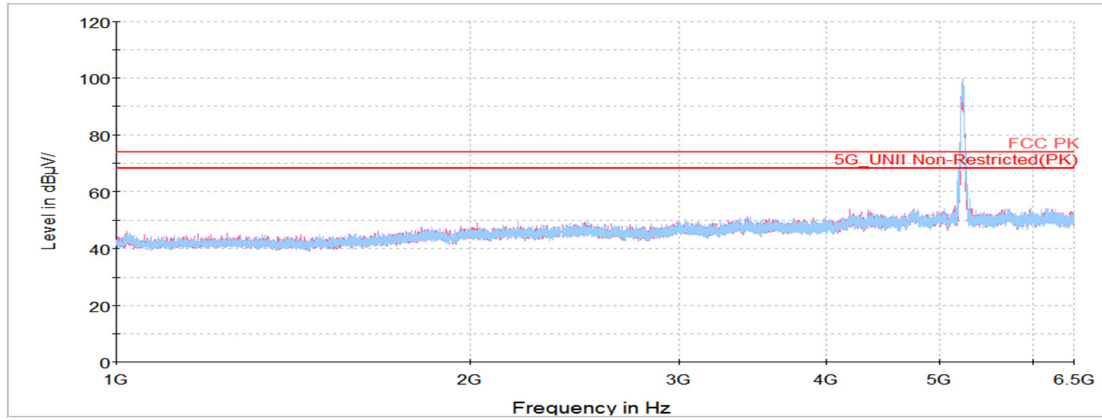
Page (86) of (158)

**Highest Channel (5 230 MHz)**

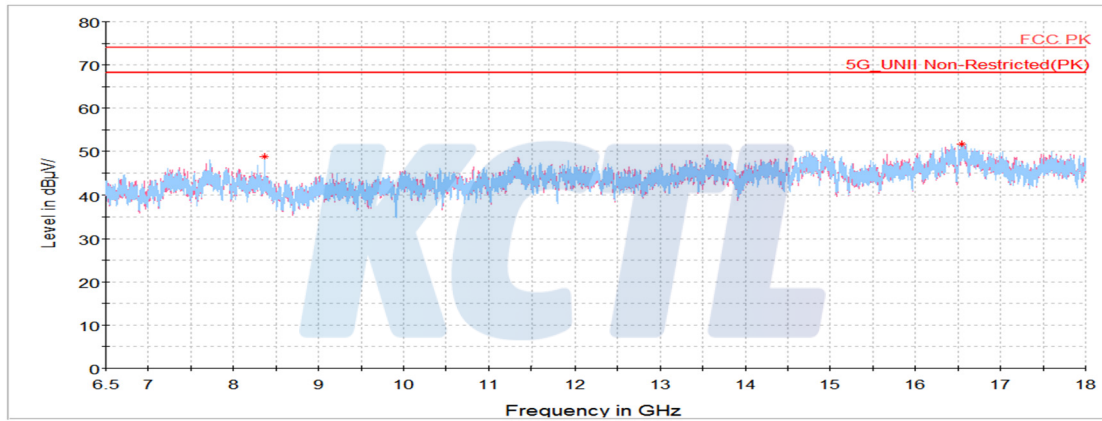
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
8 368.03 ¹⁾	H	66.25	35.80	-53.26	-	48.79	74.00	25.21
16 541.66	H	55.54	41.54	-45.29	-	51.79	68.20	16.41
Average Data								
No spurious emissions were detected within 20 dB of the limit.								



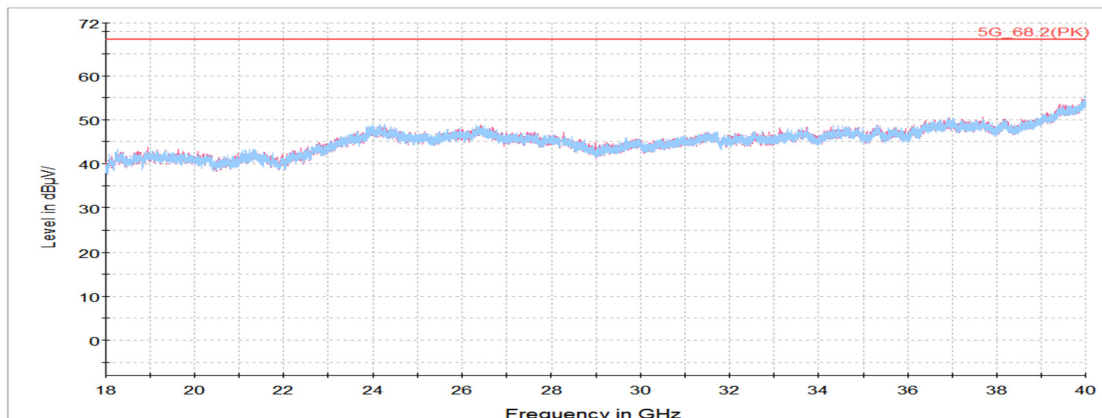
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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-SRF0112-A

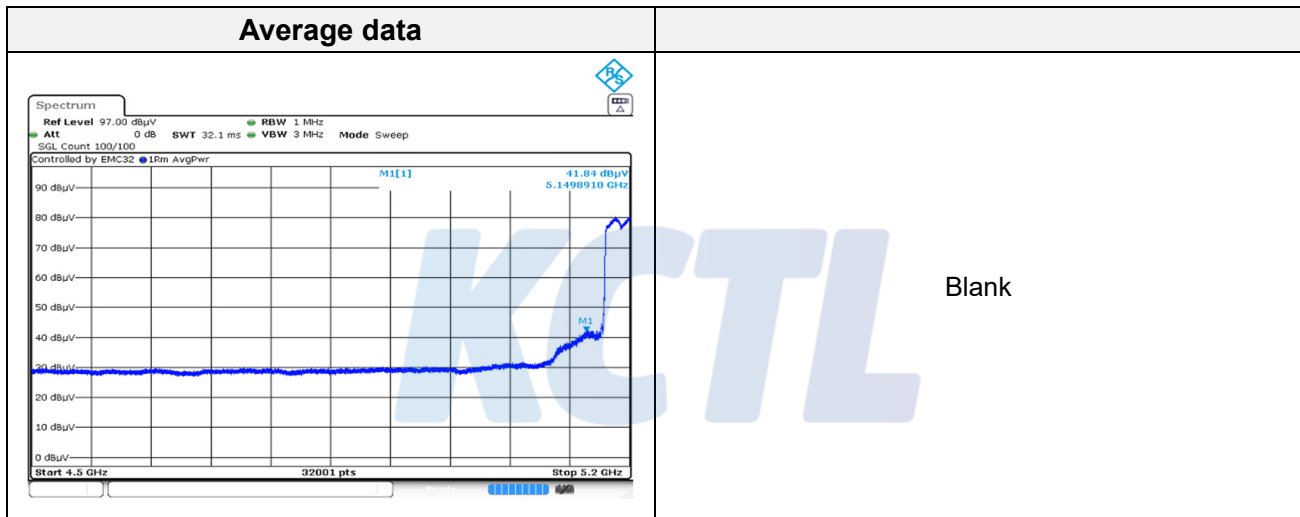
Page (88) of (158)



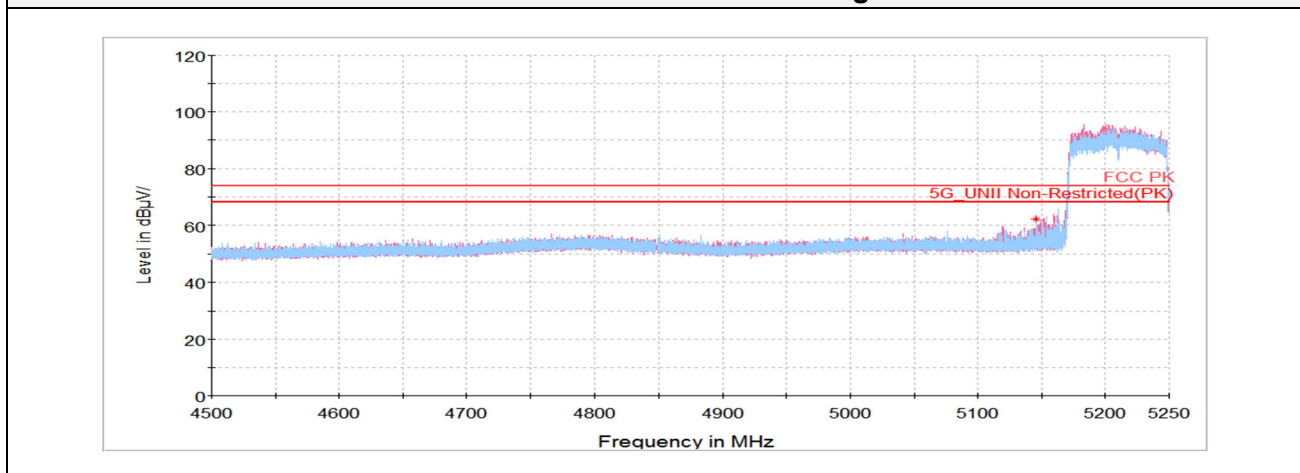
802.11ac VHT80 UNII-1

Lowest Channel (5 210 MHz)

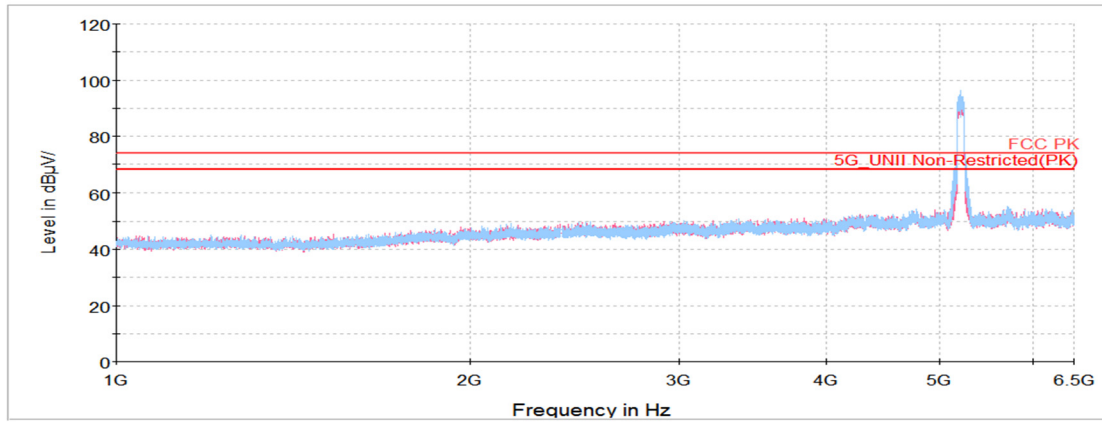
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 149.89 ¹⁾	V	54.93	34.24	-27.12	-	62.05	74.00	11.95
8 335.69 ¹⁾	H	65.45	35.80	-52.96	-	48.29	74.00	25.71
16 572.92	H	55.71	41.57	-45.40	-	51.88	68.20	16.32
Average Data								
5 149.89 ¹⁾	V	41.84	34.24	-27.12	0.57	49.53	54.00	4.47



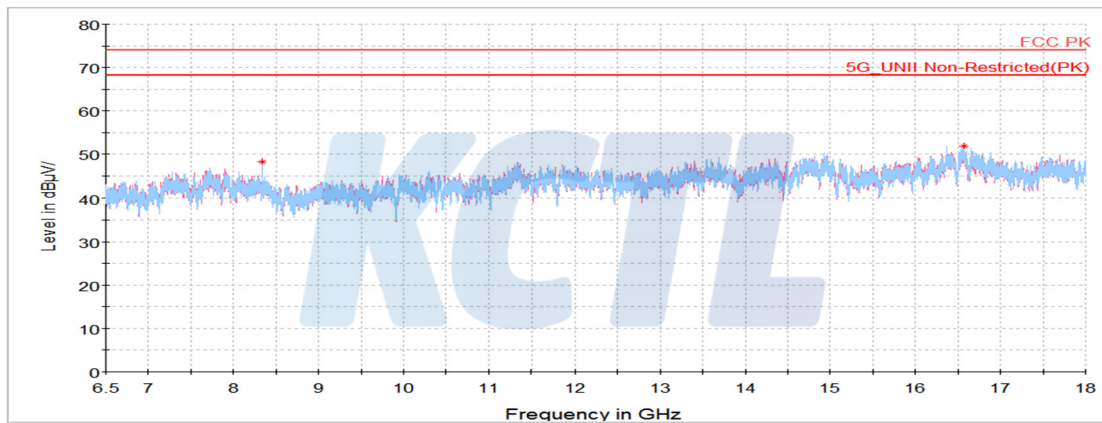
Horizontal/Vertical for Band-edge



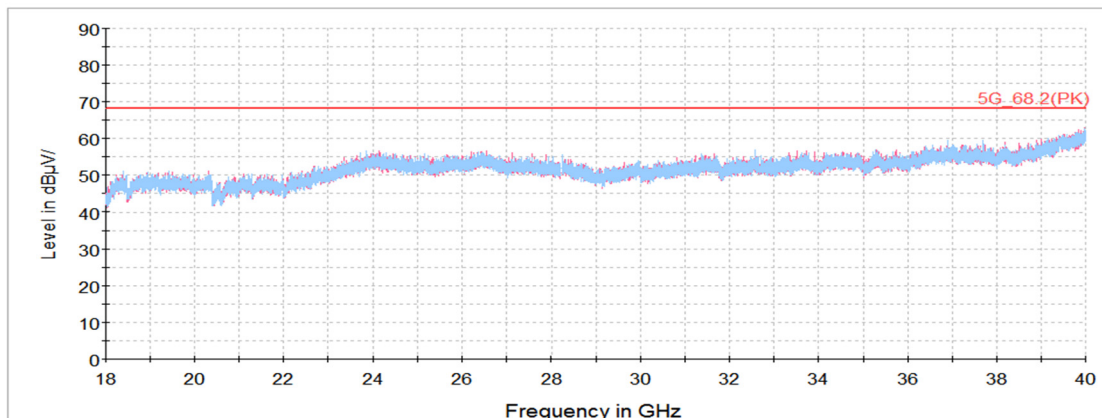
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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-SRF0112-A

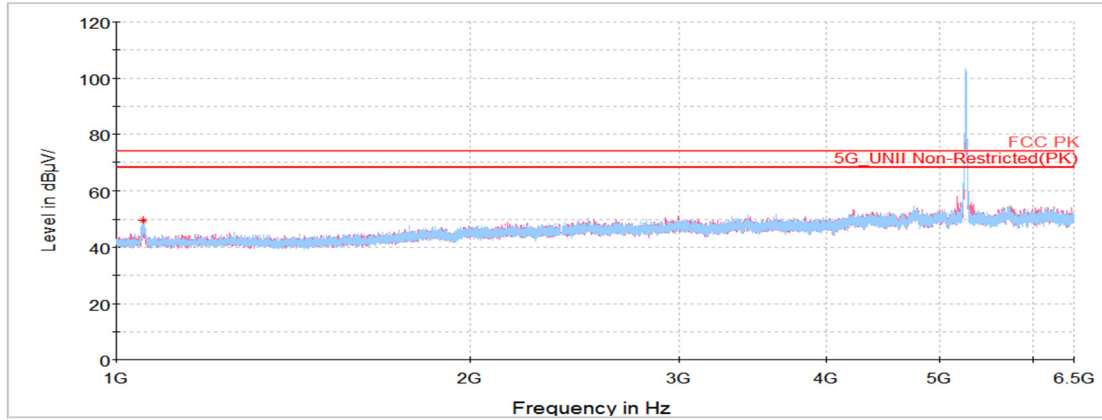
Page (90) of (158)

KCTL**802.11a UNII-2A****Lowest Channel (5 260 MHz)**

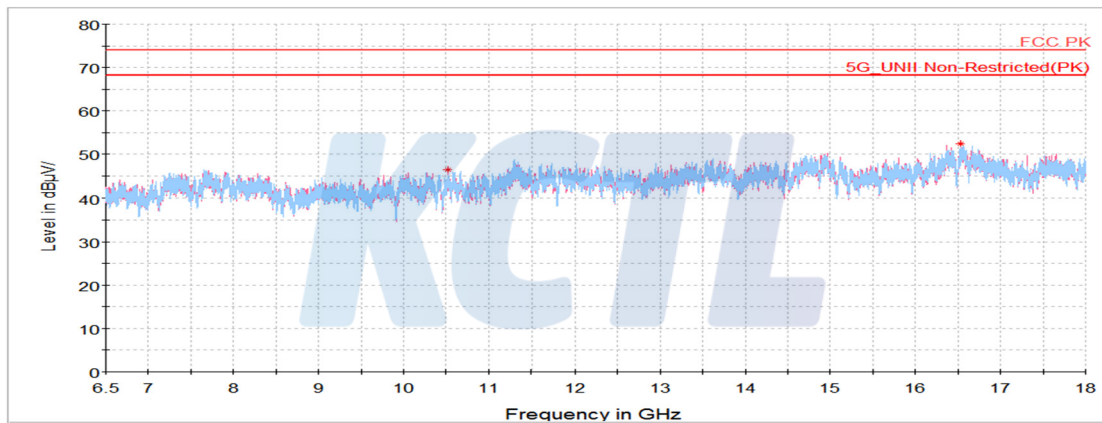
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 517.45	V	60.69	37.41	-51.67	-	46.43	68.20	21.77
16 526.92	H	56.16	41.53	-45.24	-	52.45	68.20	15.75
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

KCTL

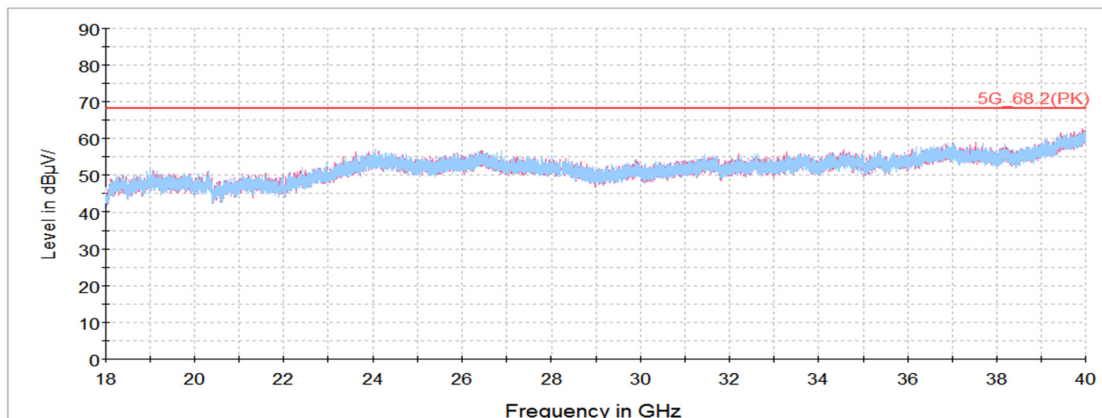
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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-SRF0112-A

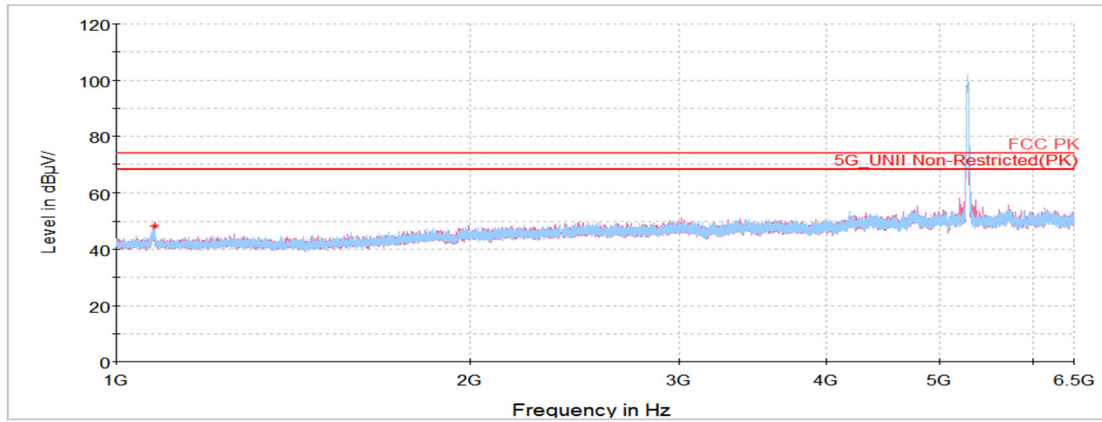
Page (92) of (158)

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

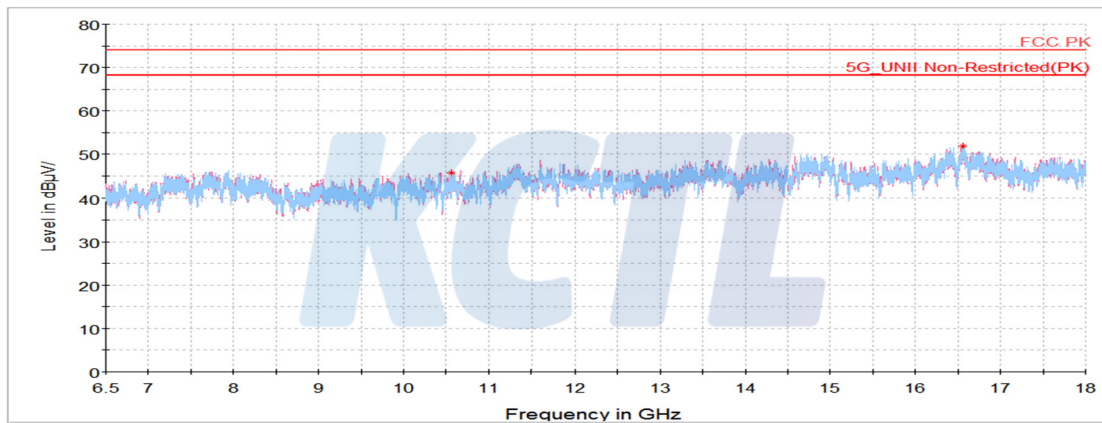
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 563.81	V	60.01	37.44	-51.69	-	45.76	68.20	22.44
16 559.63	V	55.77	41.56	-45.36	-	51.97	68.20	16.23
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

KCTL

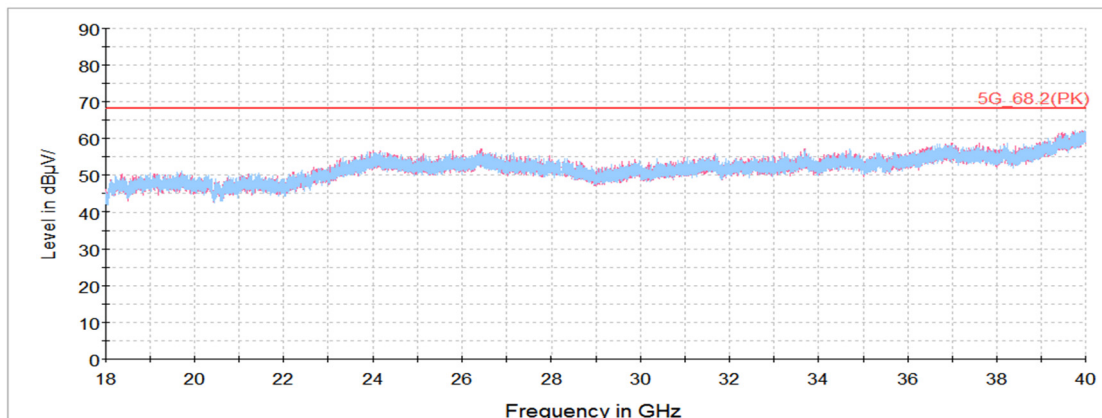
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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-SRF0112-A

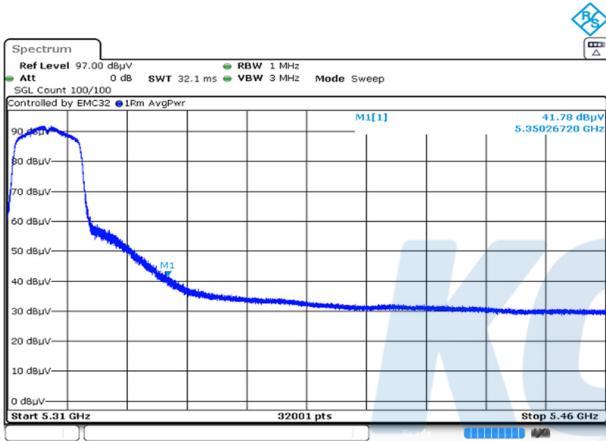
Page (94) of (158)



Highest Channel (5 320 MHz)

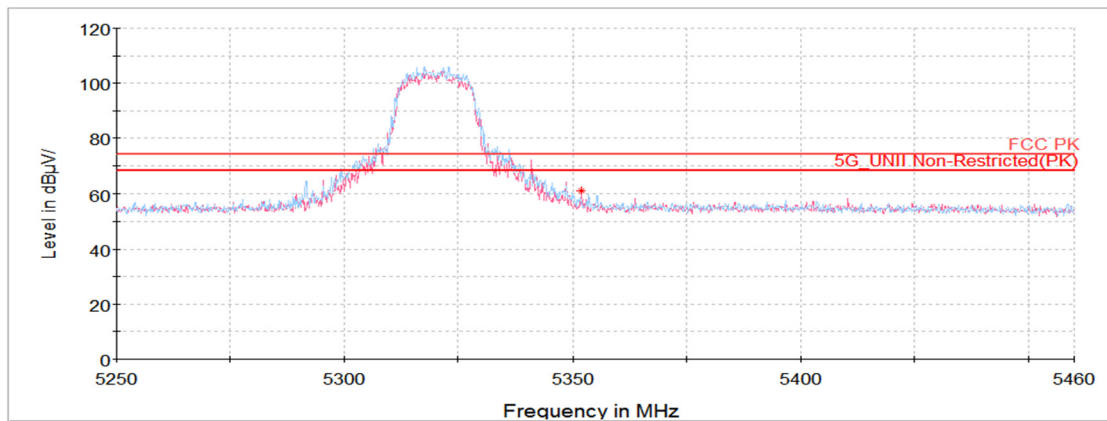
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 350.27 ¹⁾	V	53.26	34.56	-26.84	-	60.98	74.00	13.02
10 638.92 ¹⁾	V	60.05	37.48	-51.73	-	45.80	74.00	28.20
16 547.77	H	56.09	41.55	-45.31	-	52.33	74.00	21.67
Average Data								
5 350.27 ¹⁾	V	41.78	34.56	-26.84	0.14	49.64	54.00	4.36

Average data



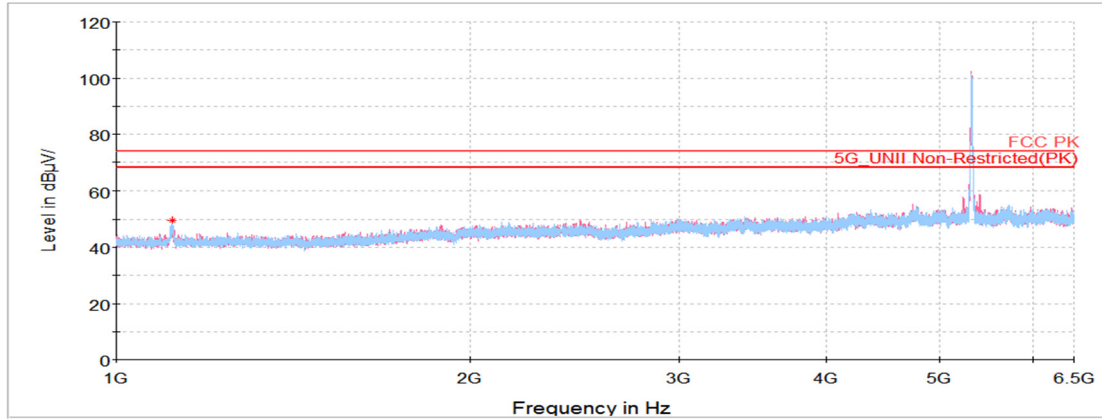
Blank

Horizontal/Vertical for Band-edge

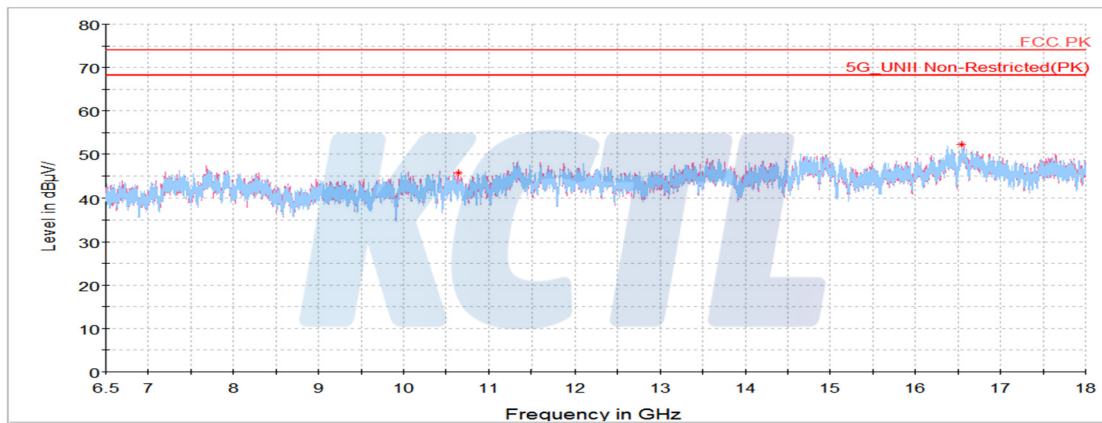


This test report shall not be reproduced, except in full, without the written approval

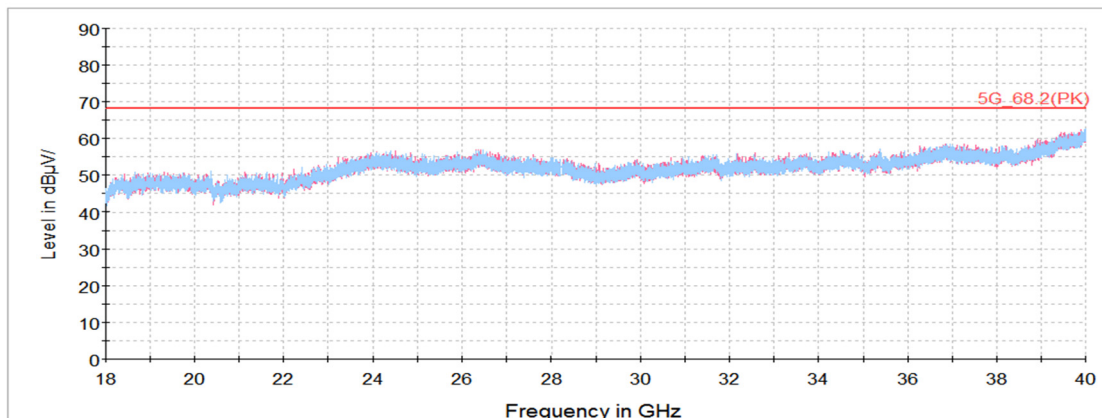
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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-SRF0112-A

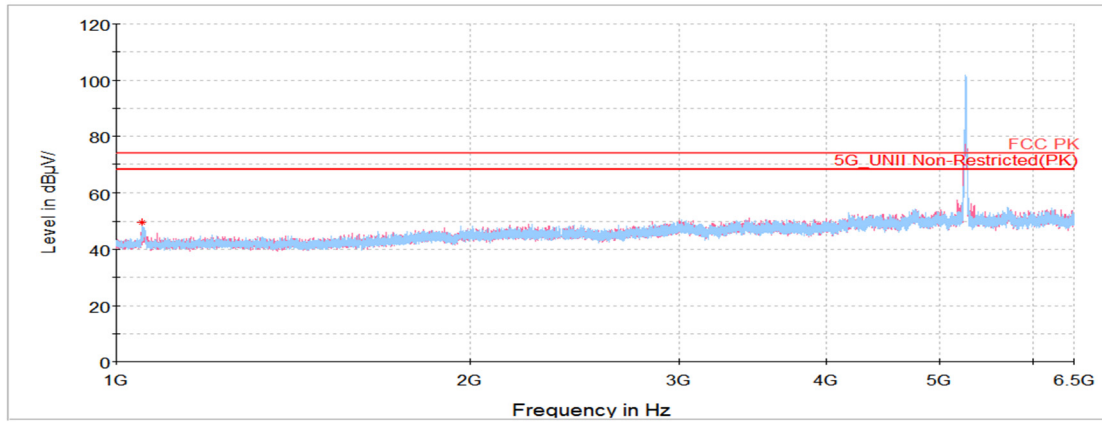
Page (96) of (158)

KCTL**802.11 HT20 UNII-2A****Lowest Channel (5 260 MHz)**

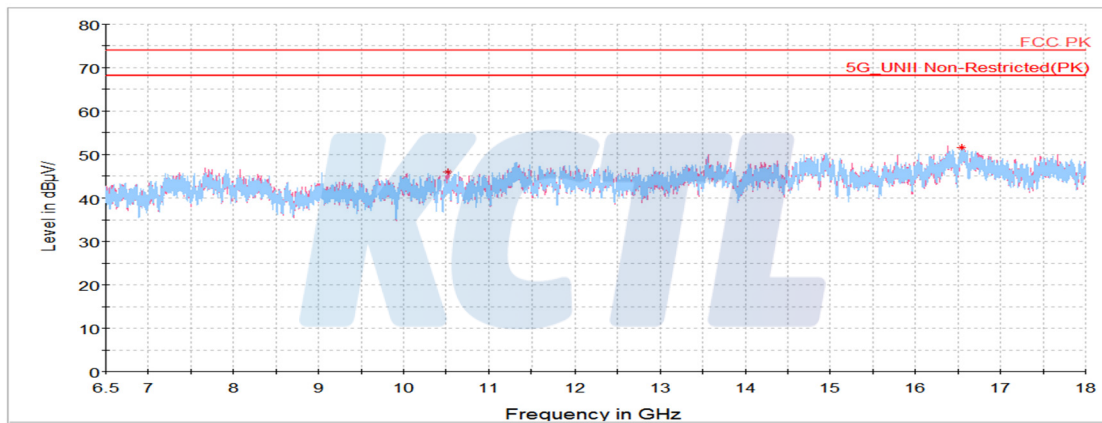
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 521.05	V	60.23	37.41	-51.67	-	45.97	68.20	22.23
16 543.81	H	55.41	41.54	-45.30	-	51.65	68.20	16.55
Average Data								
No spurious emissions were 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

