

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

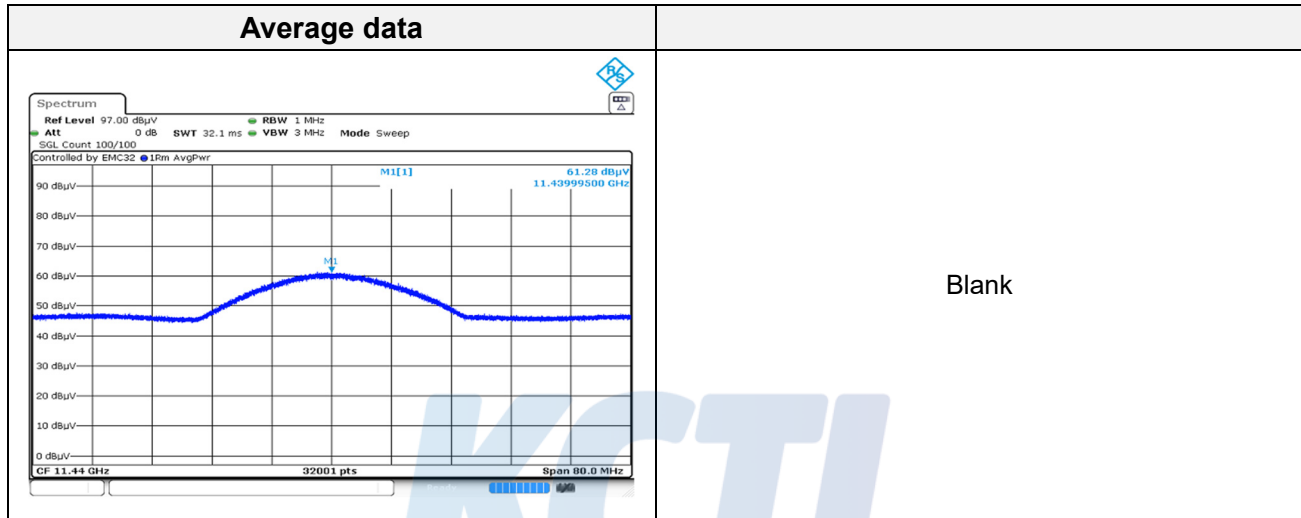
Page (122) of (158)



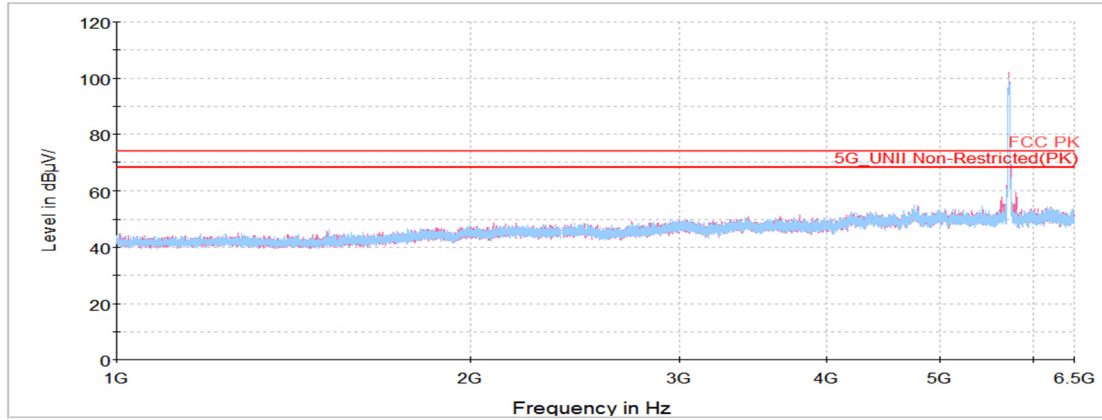
Straddle Channel (5 720 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 440.95 ¹⁾	V	69.68	37.96	-49.92	-	57.72	74.00	16.28
Average Data								
11 440.95 ¹⁾	V	61.28	37.96	-49.92	0.15	49.47	54.00	4.53

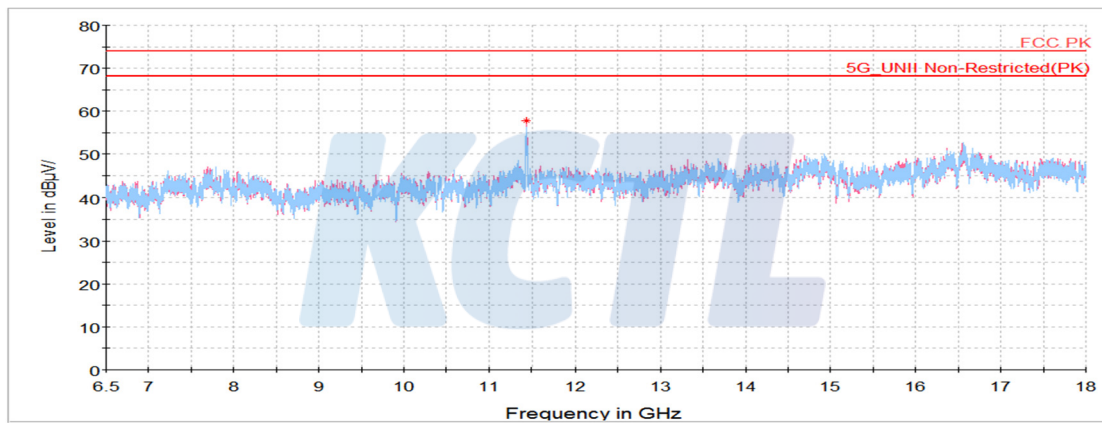
Average data



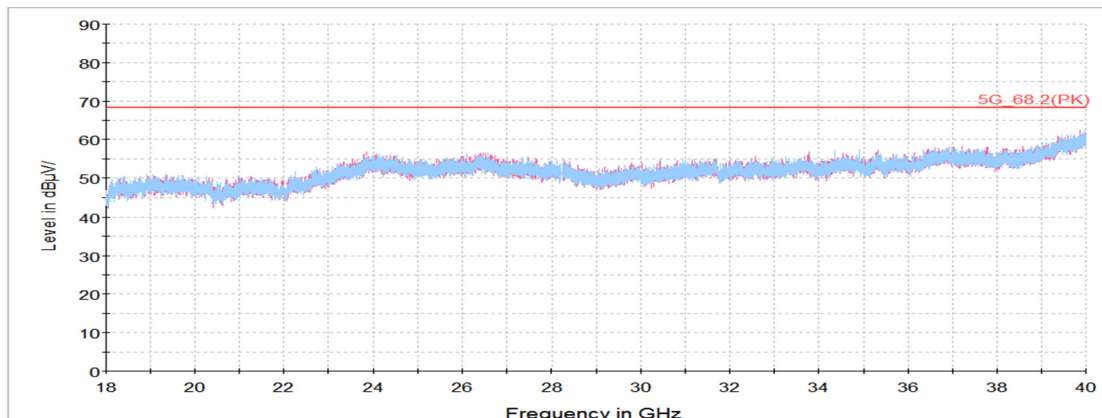
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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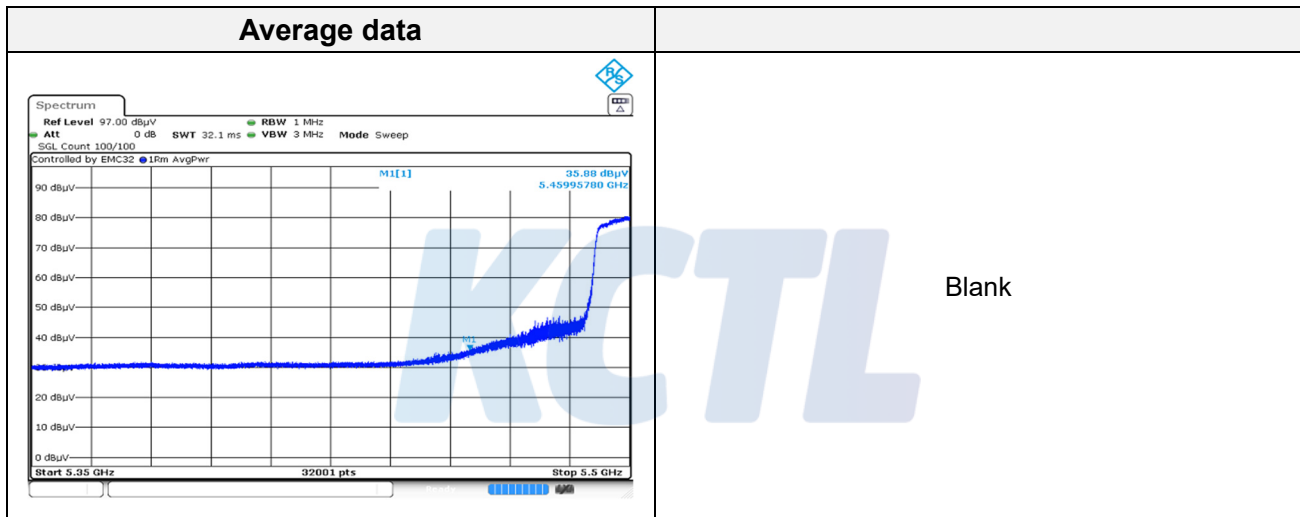
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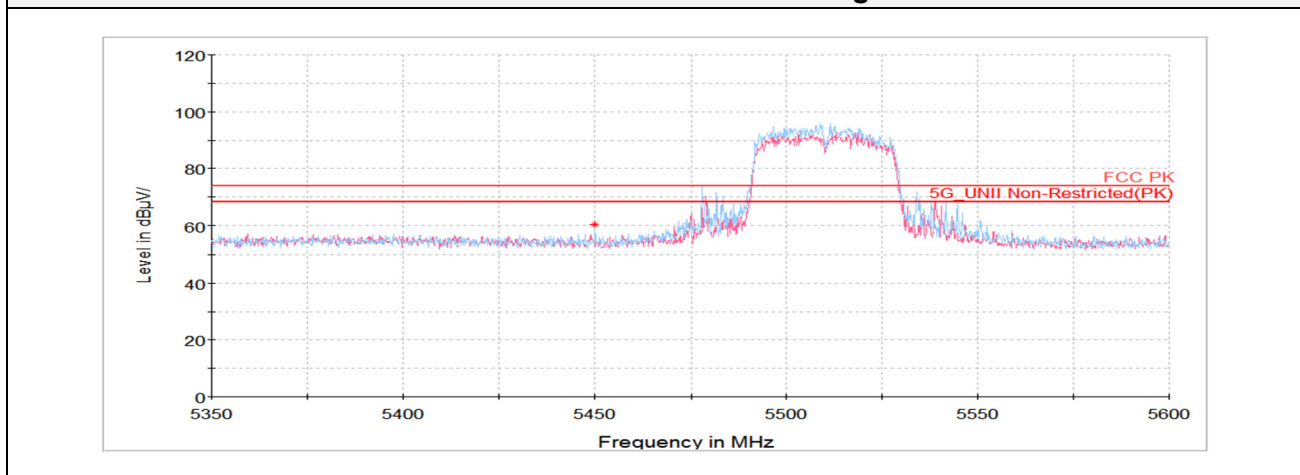
802.11 HT40 UNII-2C

Lowest Channel (5 510 MHz)

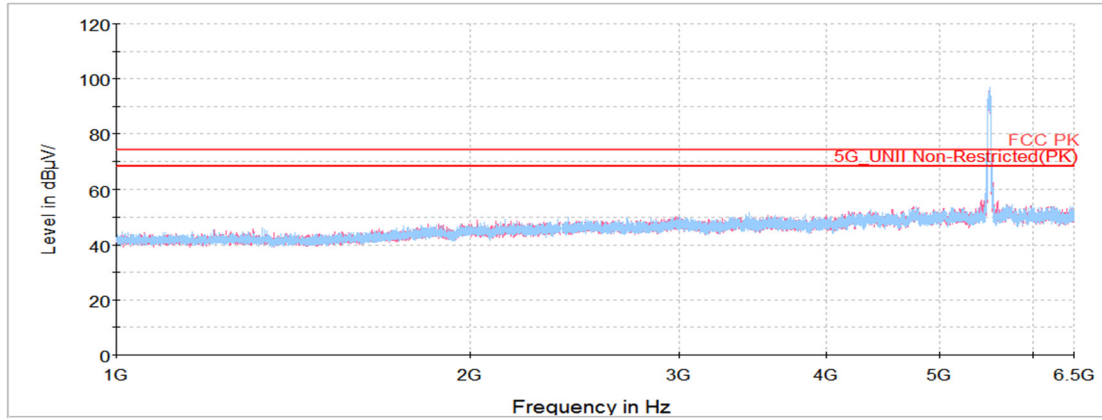
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 459.96 ¹⁾	H	53.03	34.74	-27.35	-	60.42	74.00	13.58
10 054.94	V	62.91	36.95	-52.67	-	47.19	68.20	21.01
11 038.55 ¹⁾	V	59.32	37.72	-51.73	-	45.31	74.00	28.69
Average Data								
5 459.96 ¹⁾	H	35.88	34.74	-27.35	0.29	43.56	54.00	10.44



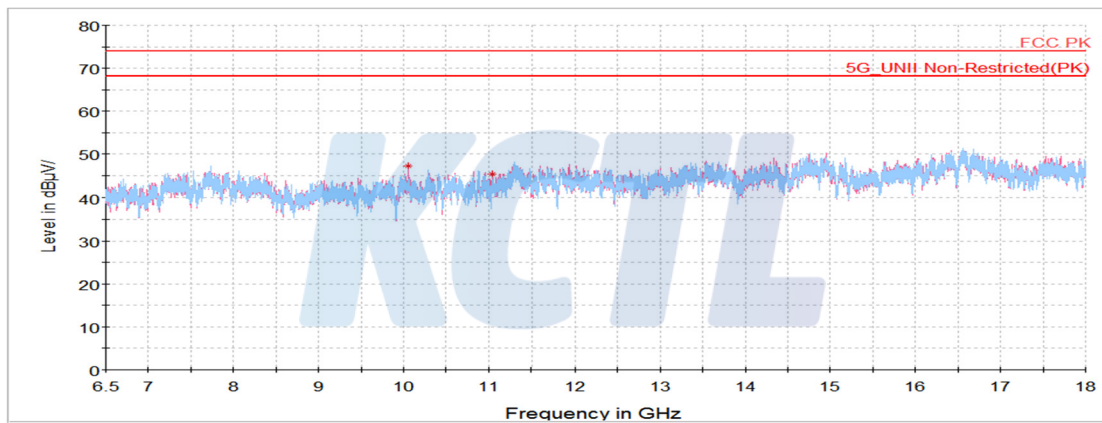
Horizontal/Vertical for Band-edge



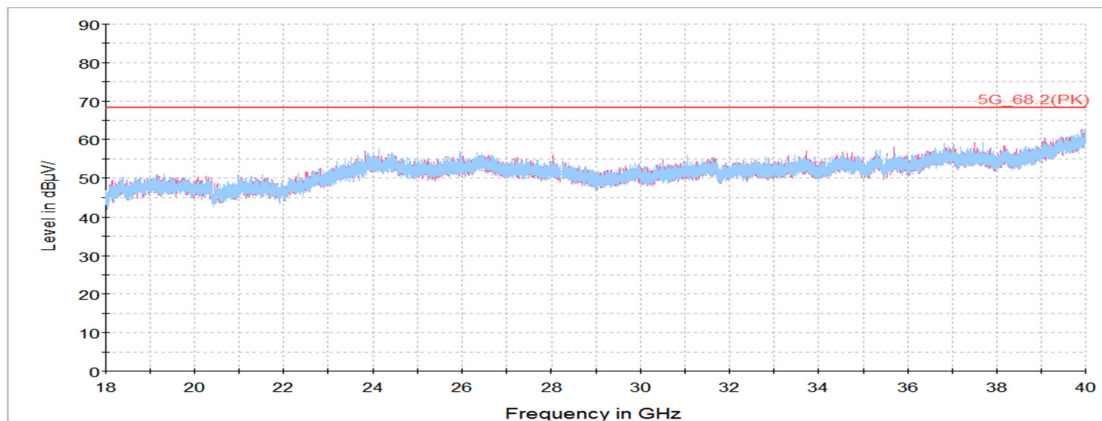
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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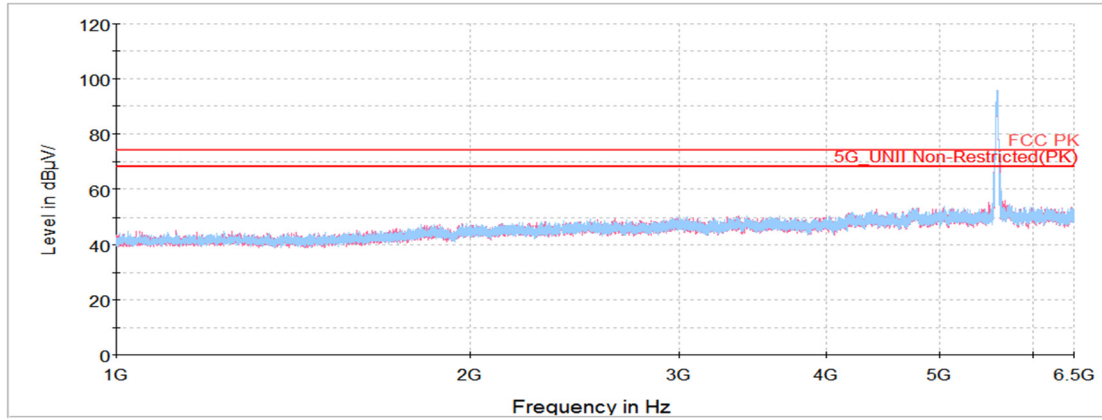
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**Middle Channel (5 590 MHz)**

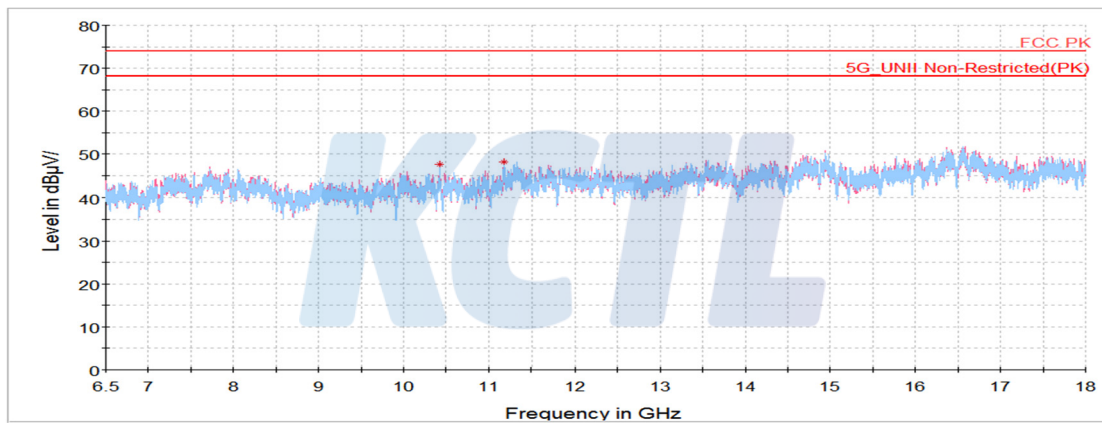
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 419.70	H	62.09	37.32	-51.85	-	47.56	74.00	26.44
11 179.06 ¹⁾	V	61.48	37.81	-51.10	-	48.19	74.00	25.81
Average Data								
No spurious emissions were detected within 20 dB of the limit.								



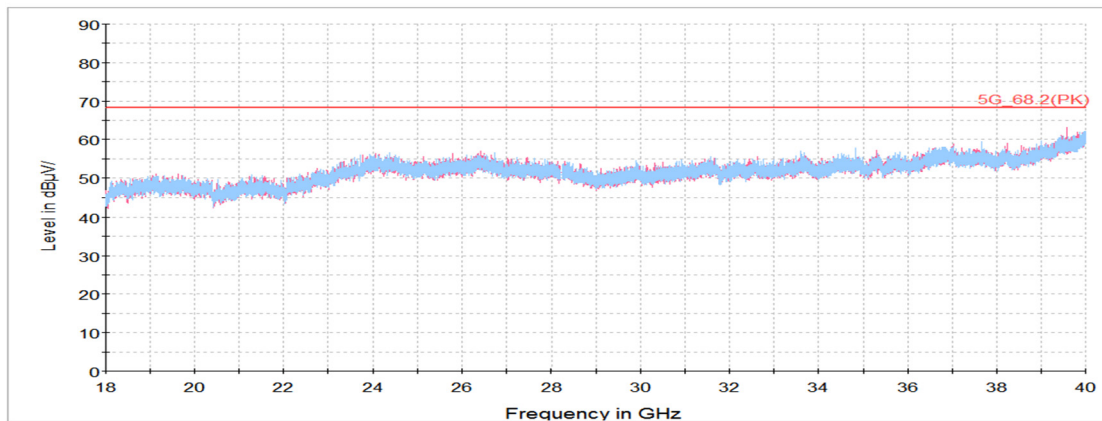
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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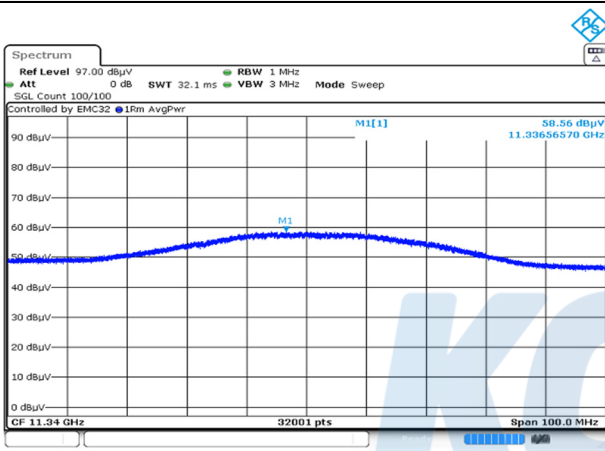
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Highest Channel (5 670 MHz)

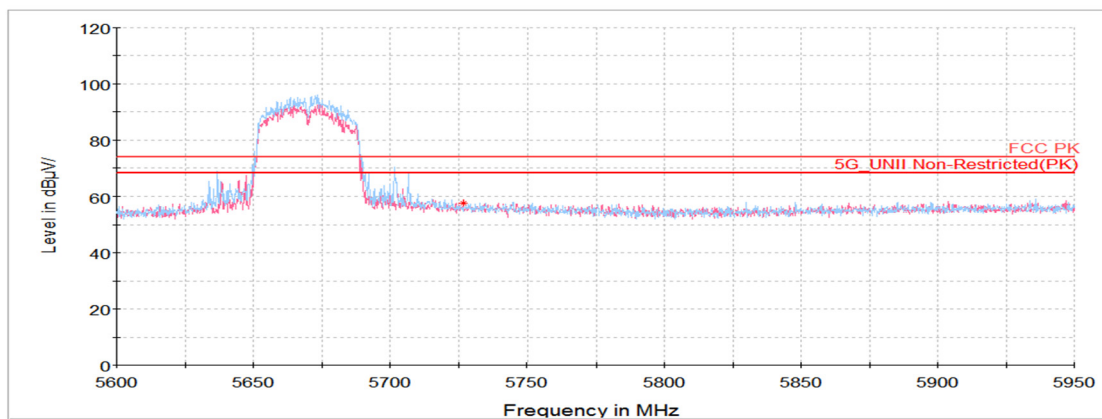
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 726.91	V	48.46	35.07	-25.94	-	57.59	68.20	10.61
11 336.57 ¹⁾	V	70.69	37.90	-50.39	-	58.20	74.00	15.80
Average Data								
11 336.57 ¹⁾	V	58.56	37.90	-50.39	0.29	46.36	54.00	7.64

Average data

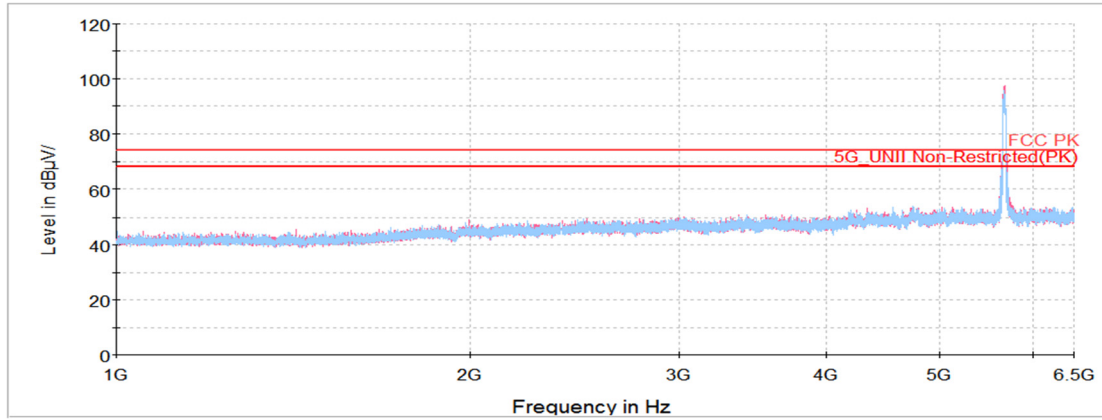


Blank

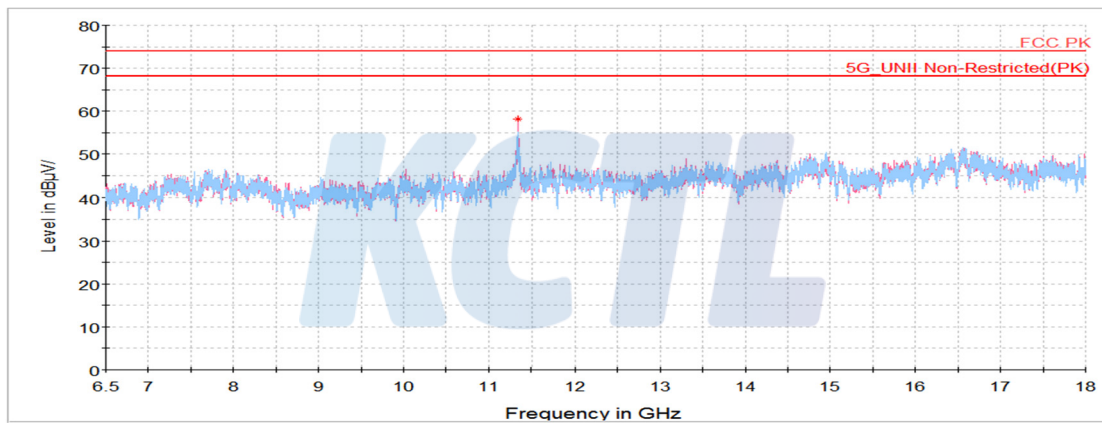
Horizontal/Vertical for Band-edge



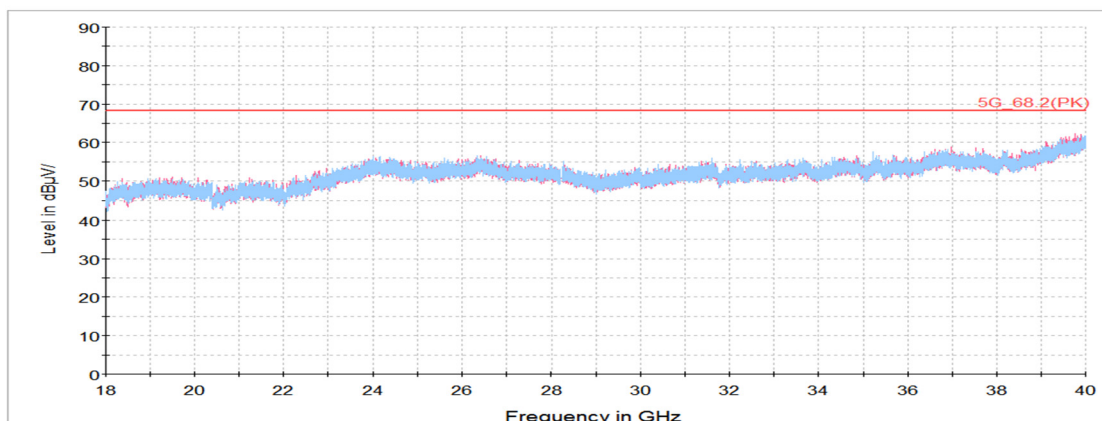
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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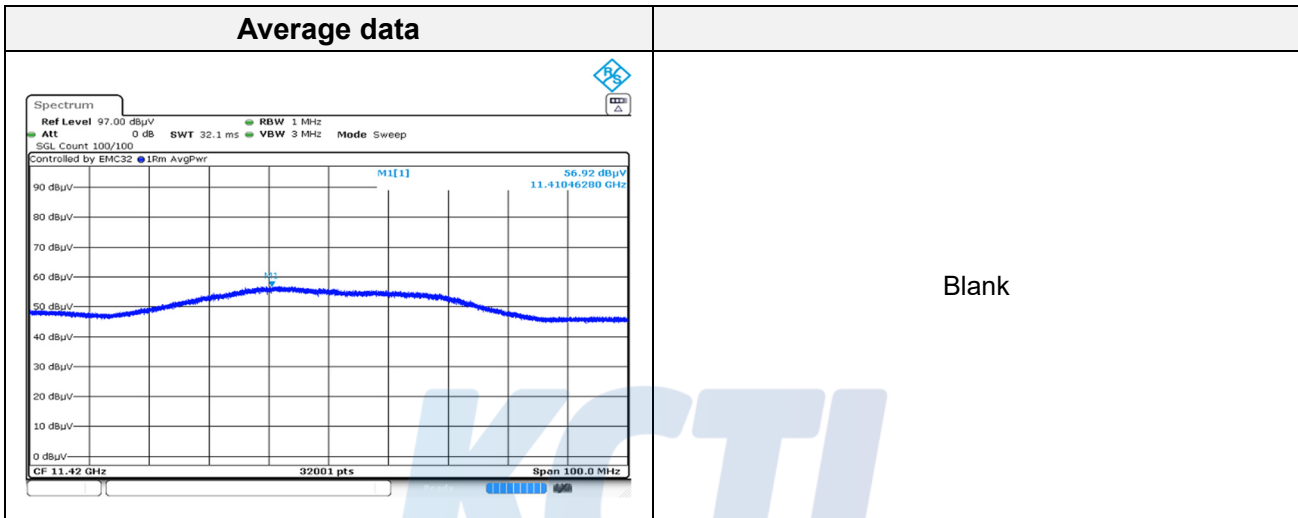
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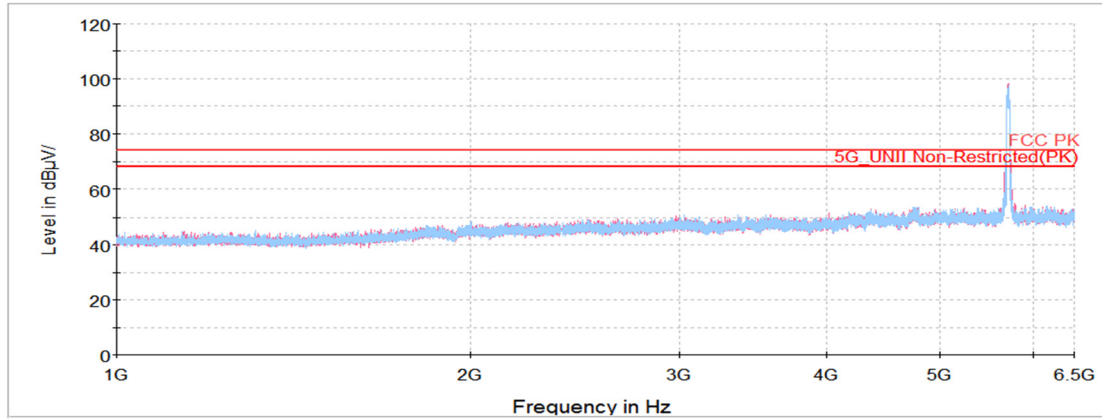
Straddle Channel (5 710 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 410.46 ¹⁾	V	66.75	37.95	-50.06	-	54.64	74.00	19.36
Average Data								
11 410.46 ¹⁾	V	56.92	37.95	-50.06	0.29	45.10	54.00	8.90

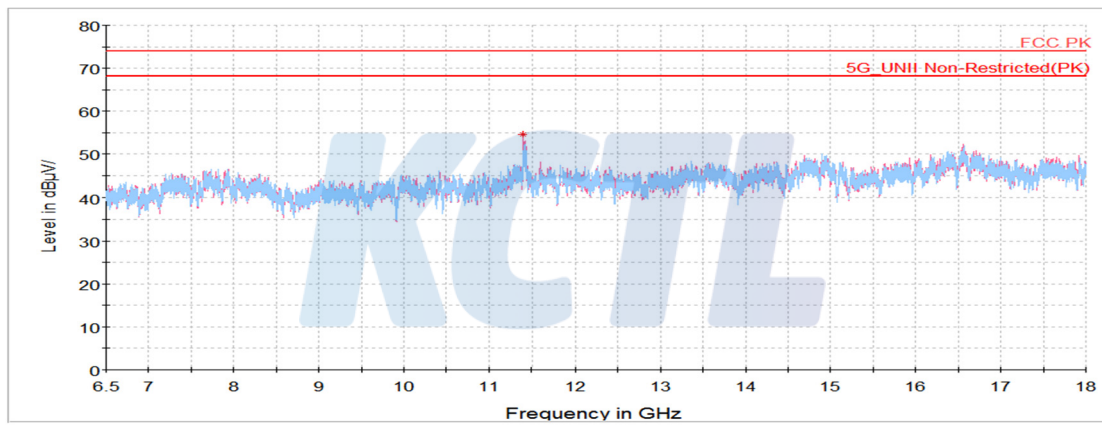
Average data



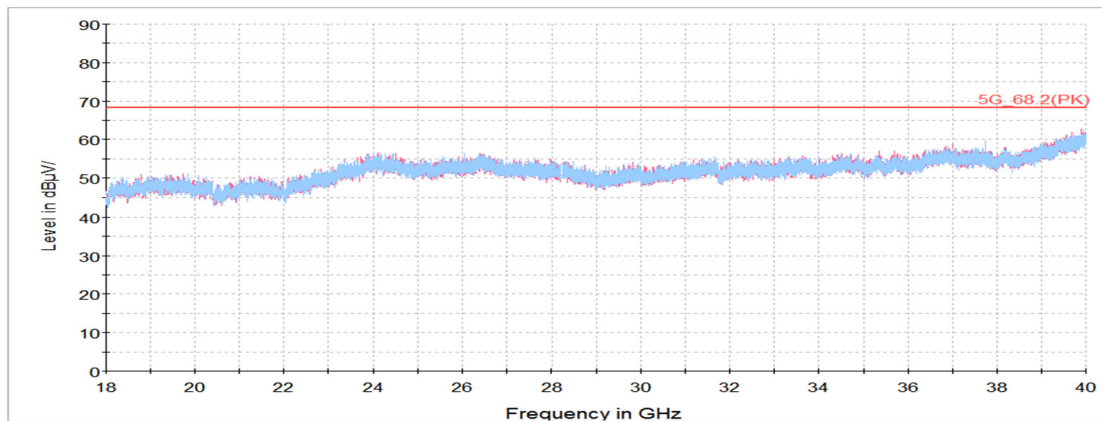
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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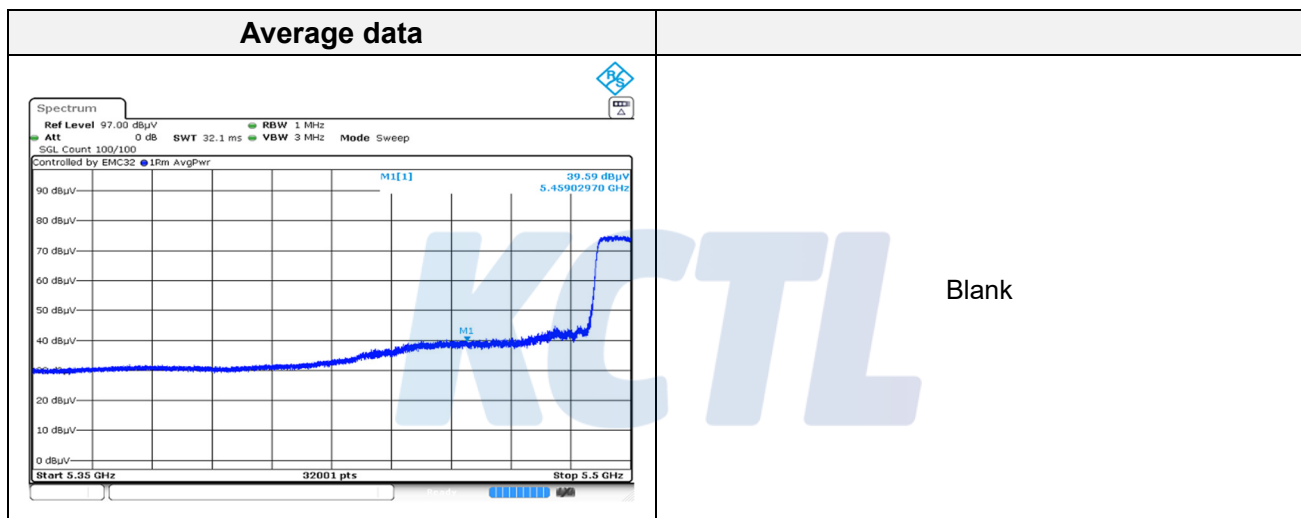
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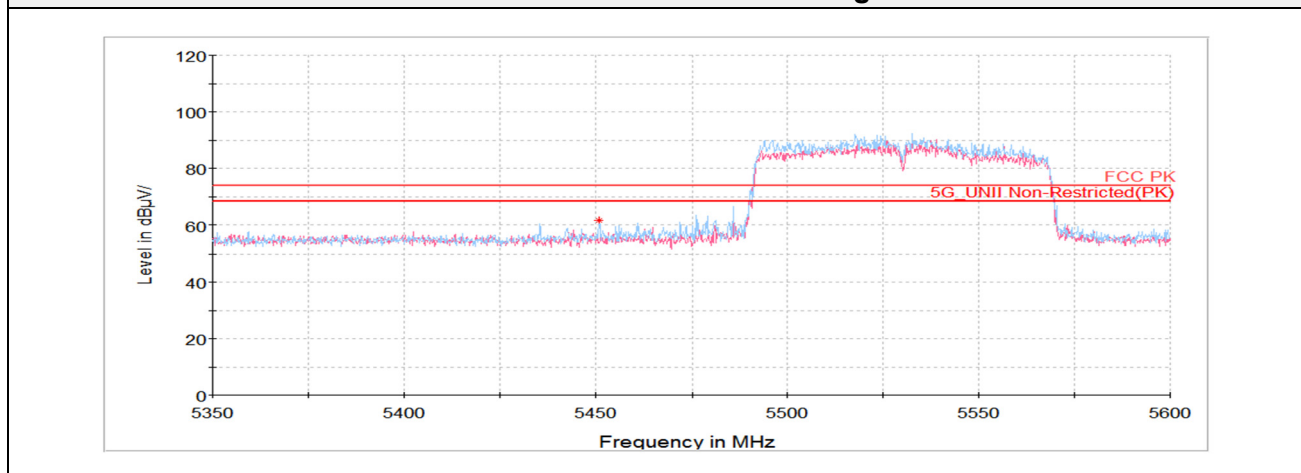
802.11ac VHT80 UNII-2C

Lowest Channel (5 530 MHz)

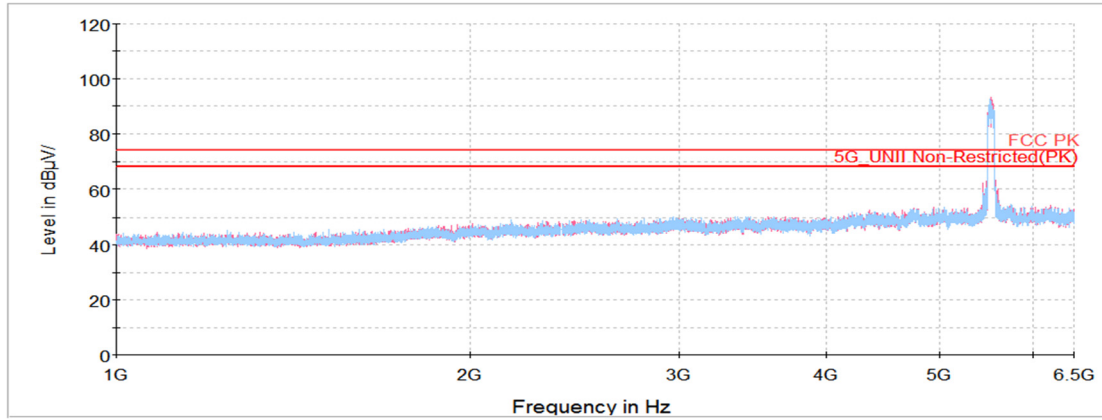
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 459.03 ¹⁾	H	54.13	34.73	-27.34	-	61.52	74.00	12.48
11 061.19 ¹⁾	V	59.89	37.74	-51.62	-	46.01	74.00	27.99
16 547.77	H	55.32	41.55	-45.31	-	51.56	68.20	16.64
Average Data								
5 459.03 ¹⁾	H	39.59	34.73	-27.34	0.57	47.55	54.00	6.45



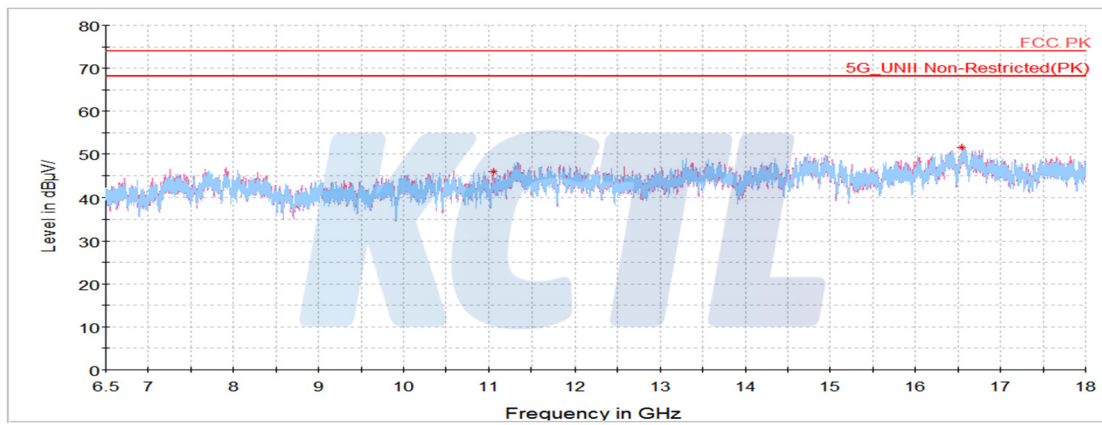
Horizontal/Vertical for Band-edge



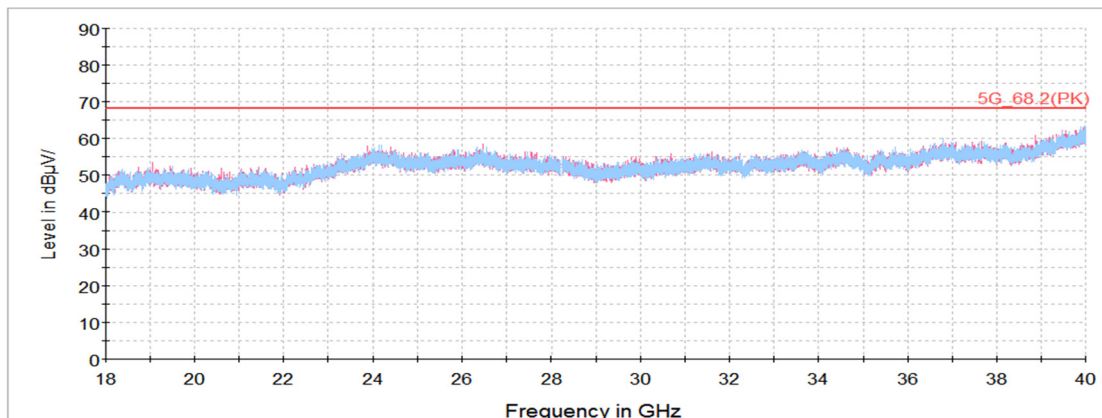
Horizontal/Vertical for 1 GHz ~ 6.5 GHz



Horizontal/Vertical for 6.5 GHz ~ 18 GHz



Horizontal/Vertical for 18 GHz ~ 40 GHz



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KCTL**Highest Channel (5 610 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								
5 741.00	H	49.04	35.09	-26.14	-	57.99	68.20	10.21
11 217.16 ¹⁾	H	60.16	37.83	-50.93	-	47.06	74.00	26.94
16 456.48	V	54.80	41.91	-45.41	-	51.30	68.20	16.90
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

KCTL