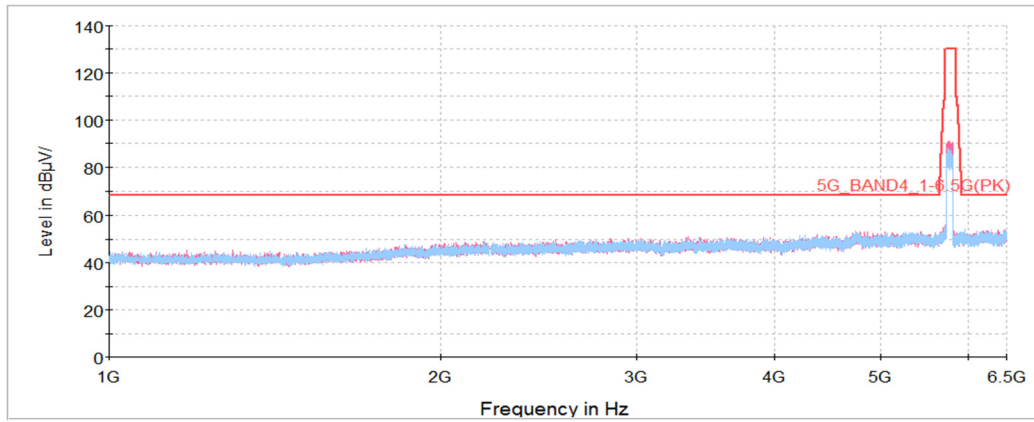
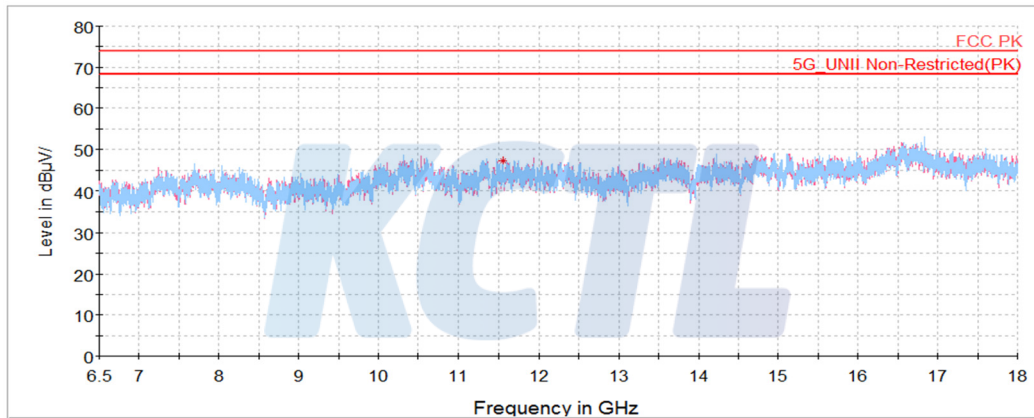
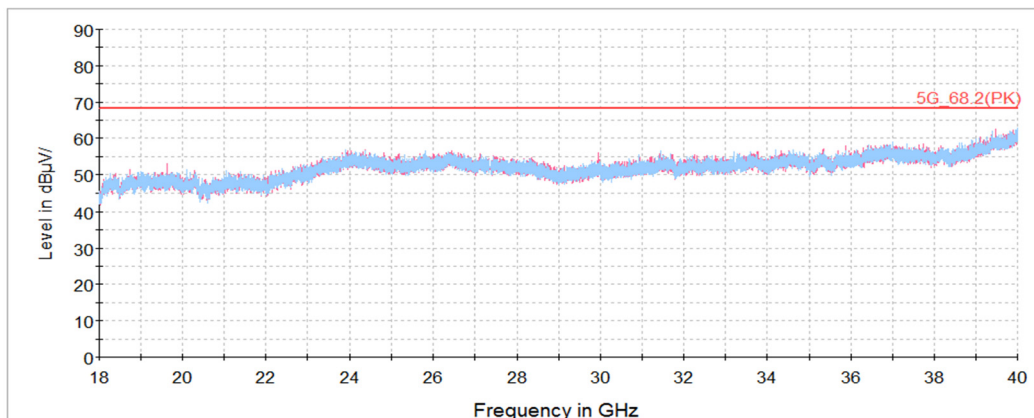
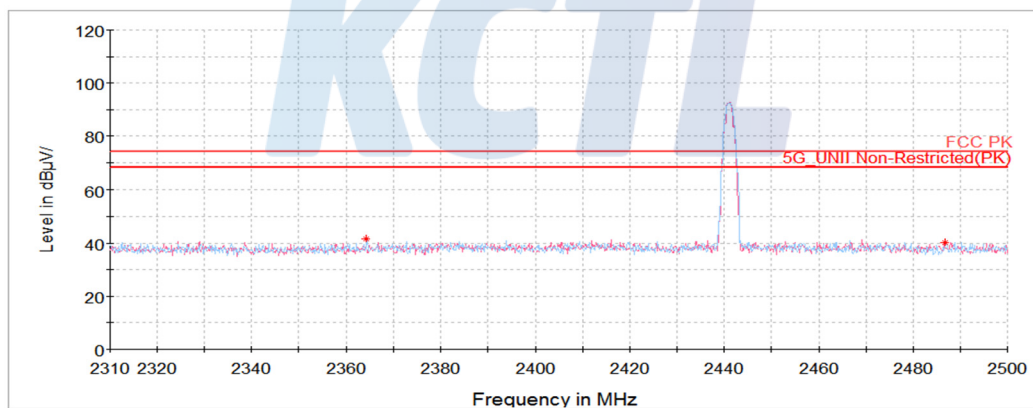
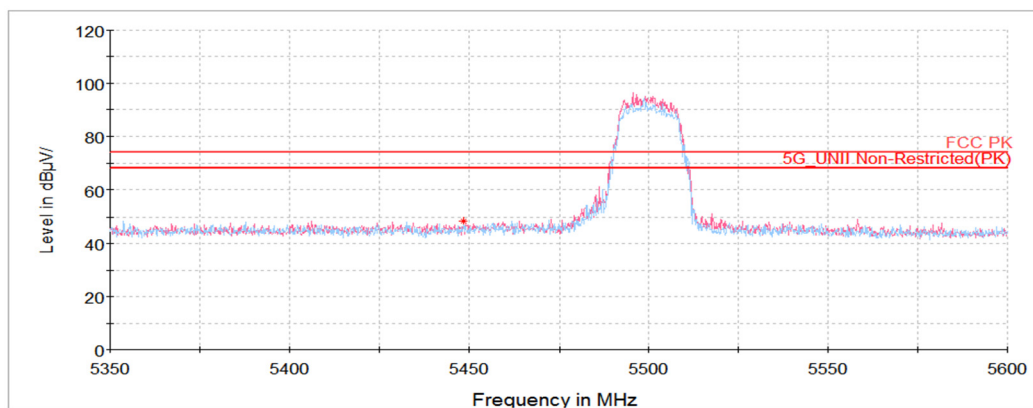
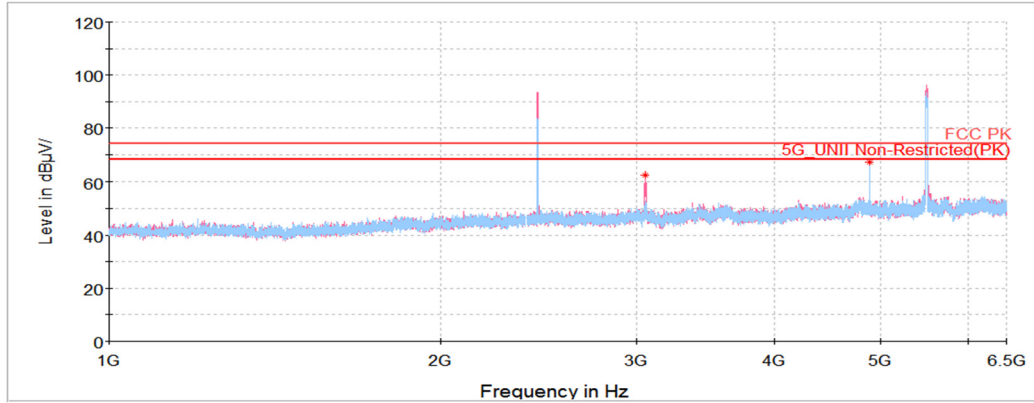
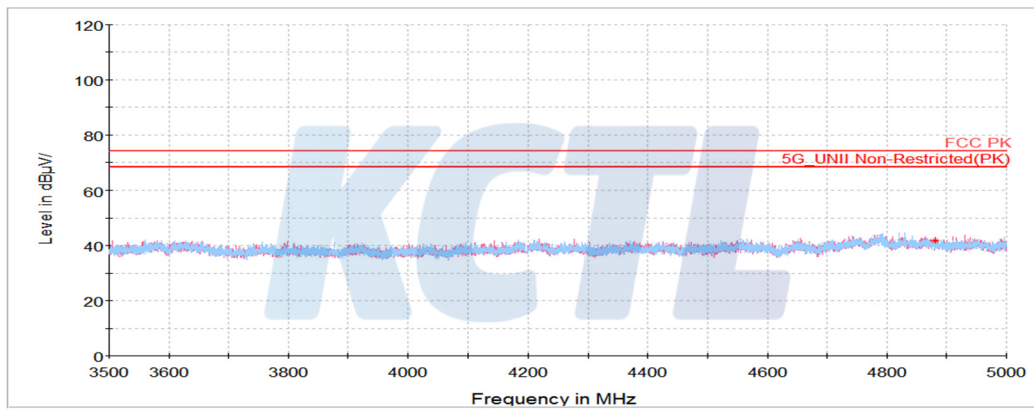
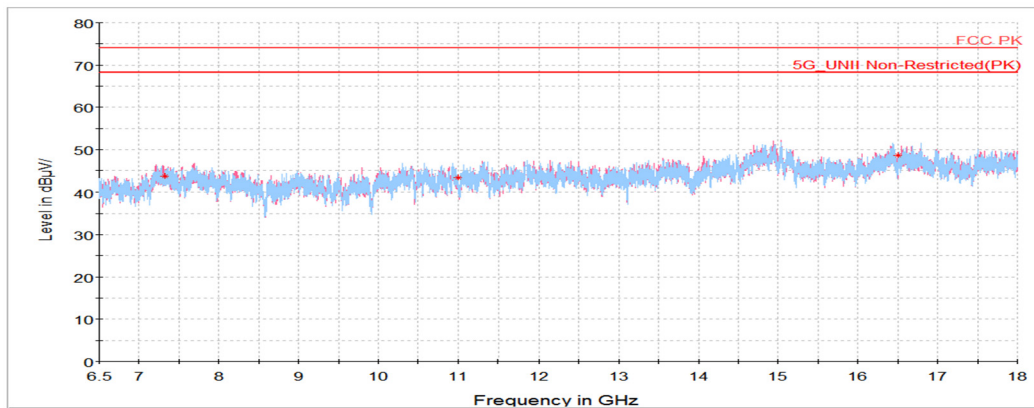


Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

Simultaneously_802.11a / UNII-2C Highest(5 500 MHz)+BT,GFSK(2 441 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								
2 364.34 ¹⁾	H	39.10	31.83	-29.18	-	41.75	74.00	32.25
2 486.72 ¹⁾	V	37.53	32.07	-29.22	-	40.38	74.00	33.62
3 055.80	V	77.45	32.51	-47.59	-	62.37	68.20	5.83
4 880.94 ¹⁾	H	62.36	33.95	-54.4	-	41.91	74.00	32.09
5 448.64 ¹⁾	H	40.85	34.72	-27.23	-	48.34	74.00	25.66
7 320.81 ¹⁾	V	59.46	35.40	-51.18	-	43.68	74.00	30.32
11 001.17 ¹⁾	V	56.30	37.70	-50.75	-	43.25	74.00	30.75
16 500.33	H	53.85	41.50	-46.76		48.59	68.20	19.61
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for BT Band-edge**Horizontal/Vertical for 5G WIFI Band-edge**

Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 3.5 GHz ~ 5 GHz (BT Harmonic)****Horizontal/Vertical for 6.5 GHz ~ 18 GHz (BT, 5G WIFI Harmonic)**

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-SRF0051

Page (205) of (205)



8. Measurement equipment

Equipment Name	Manufacturer	Model No.	Serial No.	Next Cal. Date
Spectrum Analyzer	R&S	FSV40	100989	20.01.04
Spectrum Analyzer	R&S	FSV40	100988	20.01.04
Vector Signal Generator	R&S	SMBV100A	257566	20.01.04
Wideband Power Sensor	R&S	NRP-Z81	102398	20.01.25
Signal Generator	R&S	SMR40	100007	20.05.13
EMI TEST RECEIVER	R&S	ESC17	100732	20.08.22
Bi-Log Antenna	SCHWARZBECK	VULB 9168	583	20.05.04
Amplifier	SONOMA INSTRUMENT	310N	284608	20.08.22
COAXIAL FIXED ATTENUATOR	Agilent	8491B-003	2708A18758	20.05.04
Horn antenna	ETS.lindgren	3116	00086632	20.02.15
Horn antenna	ETS.lindgren	3117	155787	20.10.24
Attenuator	API Inmet	40AH2W-10	17	20.05.15
Attenuator	API Inmet	40AH2W-10	12	20.05.15
Broadband PreAmplifier	SCHWARZBECK	BBV9718	216	20.07.30
AMPLIFIER	L-3 Narda-MITEQ	AMF-7D-01001800-22-10P	2031196	20.02.21
AMPLIFIER	L-3 Narda-MITEQ	JS44-18004000-33-8P	2000996	20.01.28
LOOP Antenna	R&S	HFH2-Z2	100355	20.08.24
Antenna Mast	Innco Systems	MA4640-XP-ET	-	-
Turn Table	Innco Systems	DT2000	79	-
Antenna Mast	Innco Systems	MA4000-EP	303	-
Turn Table	Innco Systems	DT2000	79	-
Highpass Filter	WT	WT-A1698-HS	WT160411002	20.05.14

End of test report