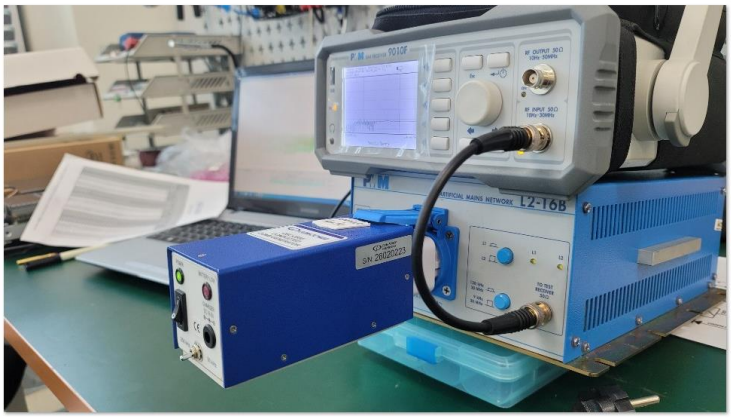
CGC-255E 사용 할 때 생길 수 있는 잘 못 된 측정세팅

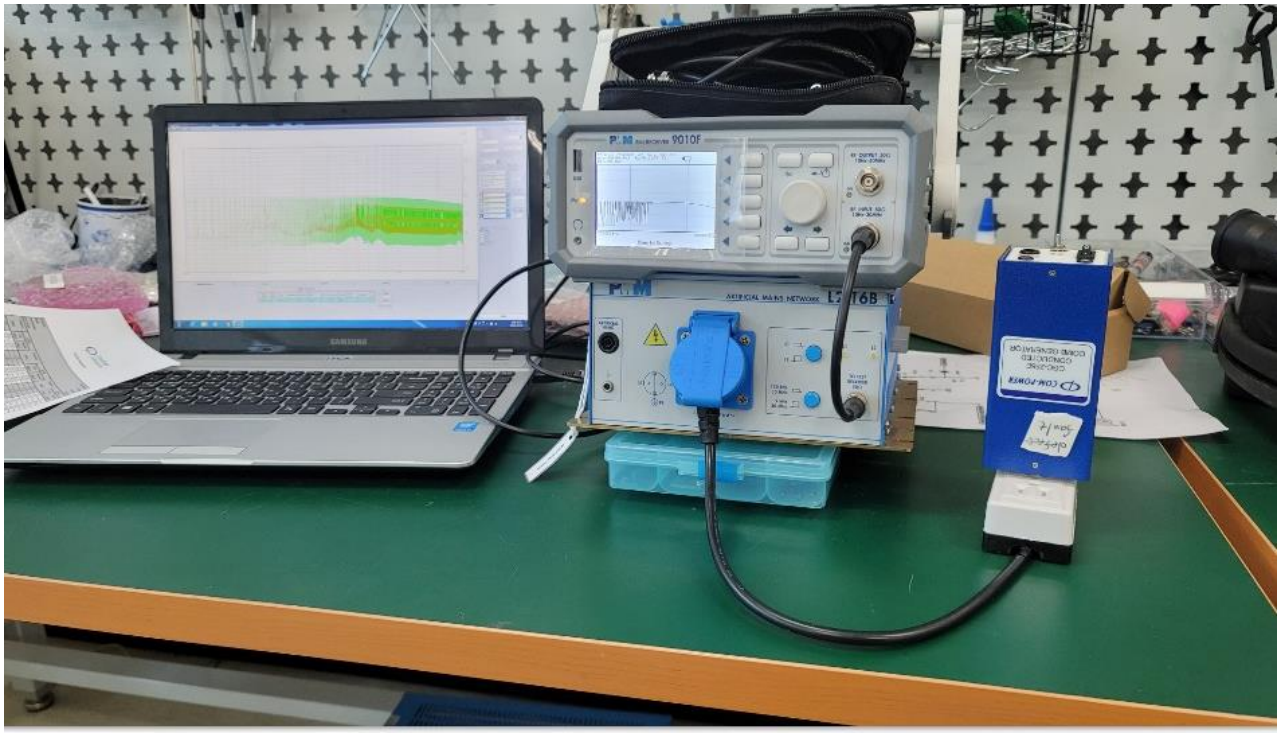
Bad Setting





위 같은 중간에 Adapter 를 사용하면 아래 측정치의 -10~-20dB 발생시킴.
(Contact 이 아주 불량/Cable 영향)

Good Setting
아래와 같이 같이 만들어서 사용하면 측정치가 제조사에서 제공한 것에 아주 가까움.



Conducted Measurements

Equipment: Comb Generator
Model: CGC-255E
Serial Number: [redacted]
Date Tested: 4/13/2021

Frequency (MHz)	50 kHz Line (dBuV)	50 kHz Neutral (dBuV)	Frequency (MHz)	50 kHz Line (dBuV)	50 kHz Neutral (dBuV)	Frequency (MHz)	250 kHz Line (dBuV)	250 kHz Neutral (dBuV)
0.05	64.00	64.25	3.65	64.83	64.83	0.25	73.80	73.77
0.15	63.97	64.21	3.75	64.83	64.80	0.75	74.00	73.98
0.25	64.22	64.19	3.85	64.76	64.76	1.25	74.31	74.31
0.35	64.16	64.20	3.95	64.74	64.74	1.75	74.71	74.70
0.45	64.12	64.16	4.05	64.71	64.69	2.25	75.04	75.03
0.55	64.10	64.16	4.15	64.67	64.68	2.75	75.42	75.42
0.65	64.22	64.20	4.25	64.66	64.60	3.25	75.65	75.66
0.75	64.21	64.21	4.35	64.54	64.49	3.75	75.83	75.83
0.85	64.25	64.25	4.45	64.46	64.42	4.25	75.91	75.91
0.95	64.26	64.28	4.55	64.38	64.36	4.75	75.78	75.78
1.05	64.28	64.30	4.65	64.37	64.27	5.25	75.66	75.66
1.15	64.32	64.37	4.75	64.28	64.21	6.75	74.70	74.71
1.25	64.38	64.37	4.85	64.24	64.18	7.25	74.26	74.27
1.35	64.40	64.45	4.95	64.17	64.08	8.75	73.22	73.22
1.45	64.48	64.51	5	64.07	63.98	9.25	73.04	73.05
1.55	64.53	64.55	6	63.35	63.32	10.75	72.69	72.70
1.65	64.59	64.61	7	62.91	62.88	11	72.53	72.55
1.75	64.65	64.66	8	62.56	62.57	12	72.30	72.31
1.85	64.67	64.69	9	62.30	62.22	13	71.89	71.89
1.95	64.72	64.71	10	61.77	61.73	14	71.29	71.30
2.05	64.73	64.77	15	59.60	59.63	15	70.63	70.63
2.15	64.80	64.82	20	57.74	57.70	20	69.03	69.01
2.25	64.80	64.81	30	54.71	54.64	30	65.89	65.91
2.35	64.80	64.81	35	53.63	53.36	35	64.66	64.65
2.45	64.86	64.88	40	52.40	52.39	40	63.74	63.78
2.55	64.87	64.86	45	51.44	51.57	45	62.91	62.91
2.65	64.86	64.90	50	50.63	50.50	50	61.92	61.98
2.75	64.90	64.92	55	49.79	49.82	55	61.05	61.02
2.85	64.96	64.94	60	48.72	48.60	60	60.13	60.24
2.95	64.93	64.98	65	48.25	48.12	65	59.73	59.83
3.05	64.92	64.94	70	47.67	47.58	70	59.17	59.19
3.15	64.93	64.90	75	47.14	47.04	75	58.40	58.52
3.25	64.92	64.92	80	46.45	46.69	80	57.96	57.95
3.35	64.92	64.87	90	45.32	45.44	90	56.93	56.99
3.45	64.88	64.86	100	44.34	44.45	100	55.85	55.93
3.55	64.85	64.83	115	42.96	42.81	115	54.36	54.71