

Figure 1. Gain

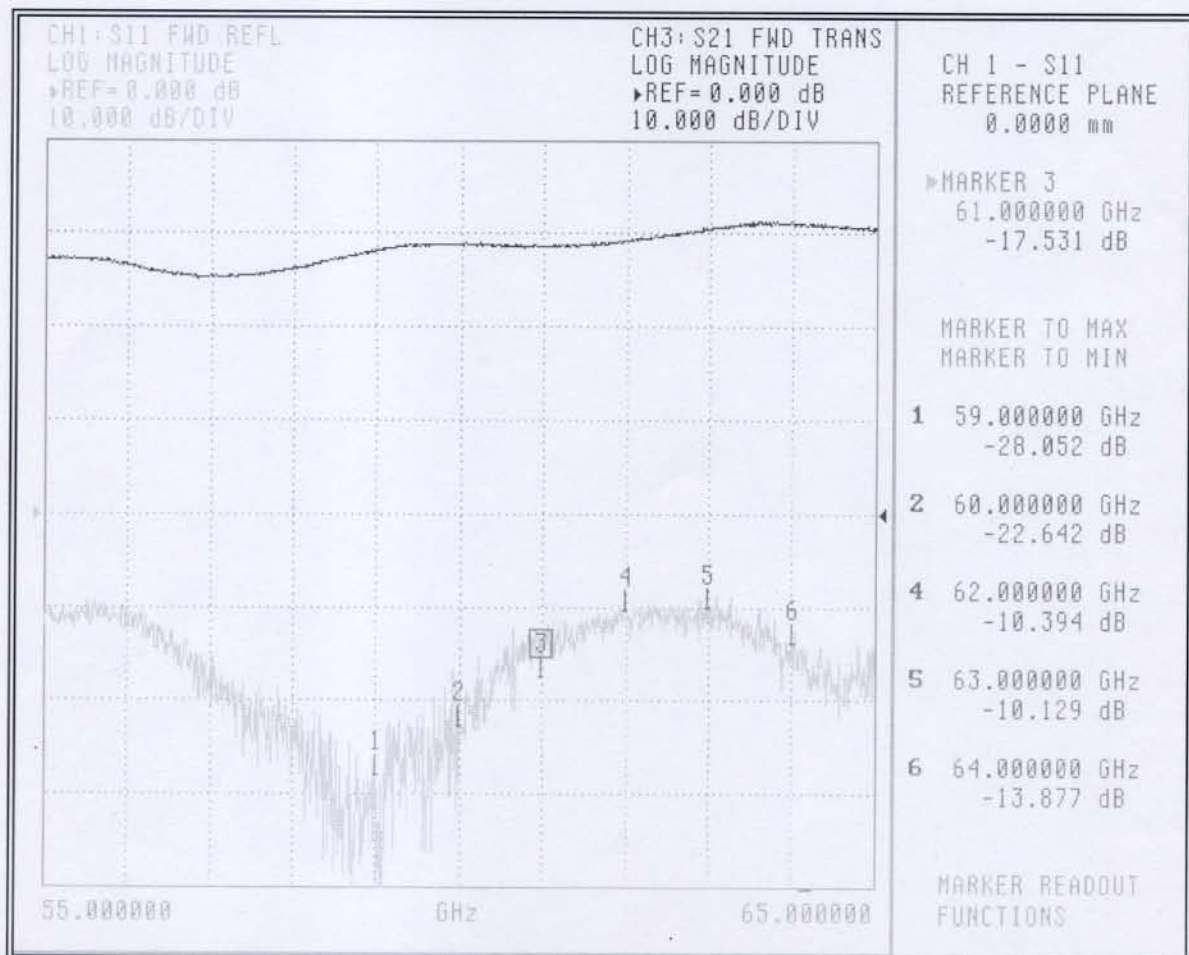


Figure 2. S11

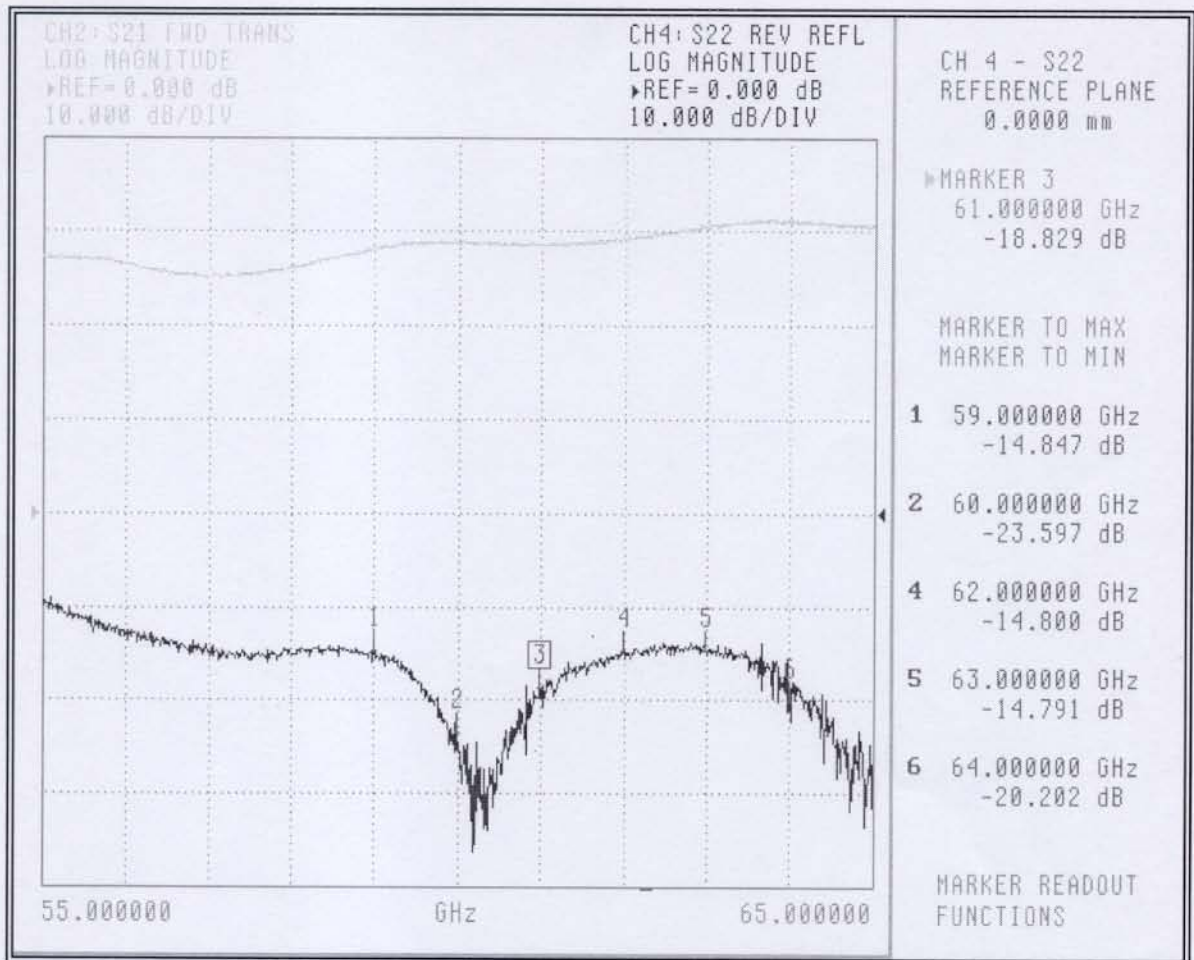


Figure 3. S22

* Amp 입력단에 Attenuator 사용하여 측정

Attn[dB]	28.4	28.8	29.2	29.4	실제 Pout[dBm]				Gain[dB]			
Pin[dBm]	Pout[dBm]				실제 Pout[dBm]				Gain[dB]			
	59GHz	60GHz	61GHz	62GHz	59GHz	60GHz	61GHz	62GHz	59GHz	60GHz	61GHz	62GHz
-22	-23.10	-23.16	-23.45	-23.23	5.30	5.64	5.75	6.17	27.3	27.6	27.8	28.2
-21	-22.12	-22.16	-22.45	-22.24	6.28	6.64	6.75	7.16	27.3	27.6	27.8	28.2
-20	-21.12	-21.15	-21.45	-21.25	7.28	7.65	7.75	8.15	27.3	27.7	27.8	28.2
-19	-20.13	-20.16	-20.45	-20.26	8.27	8.64	8.75	9.14	27.3	27.6	27.8	28.1
-18	-19.12	-19.16	-19.45	-19.36	9.28	9.64	9.75	10.04	27.3	27.6	27.8	28.0
-17	-18.17	-18.31	-18.54	-18.48	10.23	10.49	10.66	10.92	27.2	27.5	27.7	27.9
-16	-17.26	-17.54	-17.67	-17.69	11.14	11.26	11.53	11.71	27.1	27.3	27.5	27.7
-15	-16.45	-16.82	-16.88	-16.95	11.95	11.98	12.32	12.45	27.0	27.0	27.3	27.5
-14	-15.68	-16.17	-16.15	-16.28	12.72	12.63	13.05	13.12	26.7	26.6	27.1	27.1
-13	-14.99	-15.57	-15.48	-15.68	13.41	13.23	13.72	13.72	26.4	26.2	26.7	26.7
-12	-14.34	-15.03	-14.88	-15.14	14.06	13.77	14.32	14.26	26.1	25.8	26.3	26.3
-11	-13.74	-14.55	-14.33	-14.65	14.66	14.25	14.87	14.75	25.7	25.3	25.9	25.8
-10	-13.20	-14.12	-13.82	-14.23	15.20	14.68	15.38	15.17	25.2	24.7	25.4	25.2
-9	-12.72	-13.74	-13.39	-13.86	15.68	15.06	15.81	15.54	24.7	24.1	24.8	24.5
-8	-12.29	-13.43	-13.01	-13.57	16.11	15.37	16.19	15.83	24.1	23.4	24.2	23.8
-7	-11.93	-13.18	-12.70	-13.34	16.47	15.62	16.50	16.06	23.5	22.6	23.5	23.1
-6	-11.61	-13.00	-12.46	-13.19	16.79	15.80	16.74	16.21	22.8	21.8	22.7	22.2
				P1dB	13.41	12.63	13.72	13.12				

