

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 3.00V, Id = 14.96mA @ Temperature = +25°C

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)			(dBm)	(dBm)	(dB)
50	24.89	46.80	0.01	3.05	0.03	1.00	24.27	16.97	3.40
100	24.82	40.71	0.04	3.12	0.04	1.01	24.30	16.67	3.34
200	24.61	34.63	0.16	3.31	0.06	1.03	23.74	16.64	3.31
300	24.30	31.41	0.32	3.61	0.08	1.06	23.37	16.56	3.28
400	23.90	29.29	0.51	3.99	0.10	1.09	23.04	16.73	3.30
500	23.44	27.90	0.73	4.41	0.12	1.13	22.79	16.26	3.29
600	22.92	26.82	0.95	4.89	0.15	1.16	22.99	16.31	3.51
700	22.39	26.02	1.17	5.38	0.17	1.19	22.84	16.77	3.33
800	21.87	25.38	1.38	5.88	0.20	1.22	23.11	16.87	3.33
900	21.33	24.90	1.56	6.36	0.22	1.25	23.90	16.67	3.33
1000	20.80	24.49	1.75	6.83	0.24	1.27	24.03	16.80	3.33
1100	20.27	24.18	1.90	7.29	0.27	1.29	23.63	17.08	3.38
1200	19.77	23.91	2.04	7.71	0.29	1.30	24.31	16.95	3.41
1400	18.81	23.51	2.28	8.54	0.34	1.33	24.25	17.04	3.41
1600	17.90	23.26	2.48	9.24	0.38	1.35	24.10	17.49	3.37
1800	17.08	23.04	2.63	9.87	0.43	1.36	24.58	17.30	3.38
2000	16.32	22.86	2.77	10.39	0.48	1.37	23.92	17.69	3.40
2200	15.63	22.68	2.88	10.86	0.52	1.37	24.28	17.76	3.49
2400	14.98	22.57	2.97	11.29	0.57	1.38	24.57	17.70	3.47
2600	14.40	22.42	3.05	11.70	0.61	1.38	24.31	18.00	3.49
2800	13.85	22.31	3.12	12.08	0.65	1.38	24.60	18.38	3.49
3000	13.33	22.16	3.17	12.46	0.69	1.39	25.17	18.05	3.49
3200	12.85	22.06	3.23	12.91	0.74	1.39	25.12	18.07	3.52
3400	12.40	21.98	3.27	13.32	0.78	1.39	25.15	18.25	3.51
3600	11.97	21.86	3.29	13.76	0.82	1.39	24.93	18.25	3.55
3800	11.56	21.73	3.30	14.25	0.85	1.40	24.51	18.71	3.60
4000	11.16	21.65	3.31	14.79	0.89	1.40	25.51	18.13	3.64
4200	10.78	21.57	3.30	15.30	0.93	1.41	26.51	17.81	3.64
4400	10.41	21.50	3.29	15.84	0.96	1.41	26.43	18.01	3.72
4600	10.05	21.39	3.27	16.30	0.99	1.41	26.21	17.90	3.75
4800	9.69	21.33	3.24	16.71	1.03	1.42	25.31	18.50	3.76
5000	9.33	21.26	3.21	17.02	1.06	1.42	25.61	18.16	3.79
5200	8.98	21.19	3.16	17.18	1.09	1.43	25.80	18.27	3.84
5400	8.62	21.15	3.10	17.17	1.12	1.43	25.88	18.19	3.88
5600	8.27	21.11	3.05	17.09	1.15	1.44	26.24	18.68	3.92
5800	7.93	21.07	3.02	16.82	1.18	1.44	26.13	18.50	3.94
6000	7.60	21.03	2.99	16.49	1.21	1.44	26.64	18.21	4.04