

Typical Performance Data

NOTE: Use PDF Bookmarks to view DATA at required conditions

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 5V, Id = 161.8 mA @ Temperature = +25degC									
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)
800.00	19.82	37.08	6.62	13.21	2.80	1.14	40.38	30.25	7.02
820.00	20.27	36.45	8.23	14.71	2.75	1.08	39.48	30.21	6.80
840.00	20.61	35.99	10.26	16.68	2.72	1.03	39.43	29.55	6.67
860.00	20.82	35.25	12.66	19.32	2.57	1.00	39.41	29.45	6.56
869.00	20.87	35.22	13.62	20.65	2.59	0.99	39.38	29.23	6.52
880.00	20.89	35.04	14.33	21.94	2.55	0.99	39.04	29.27	6.60
900.00	20.81	34.82	13.58	21.20	2.49	0.99	38.93	28.83	6.59
920.00	20.61	34.88	11.29	17.91	2.48	1.01	39.48	28.66	6.59
960.00	19.88	35.27	7.39	12.67	2.45	1.06	40.26	27.95	6.89
980.00	19.41	35.42	6.09	10.96	2.40	1.08	40.40	27.68	6.94
1000.00	18.89	35.75	5.08	9.65	2.39	1.10	40.16	27.21	7.07

2100 MHz Match									
TEST CONDITIONS: Vd = 5V, Id = 160.17 mA @ Temperature = +25degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	K	Measure	IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)			(dBm)	(dBm)	(dB)
2000.00	15.47	30.55	6.56	12.46	2.26	1.09	39.48	29.70	4.70
2020.00	15.81	30.06	7.86	12.97	2.22	1.04	39.88	29.66	4.49
2040.00	16.10	29.76	9.56	13.67	2.22	0.99	40.69	29.37	4.36
2060.00	16.30	29.34	11.71	14.40	2.17	0.96	41.58	28.78	4.29
2080.00	16.42	29.11	14.20	15.09	2.16	0.94	42.55	28.69	4.25
2100.00	16.45	28.90	15.83	15.35	2.12	0.93	43.22	28.59	4.22
2110.00	16.42	28.95	15.65	15.17	2.14	0.93	43.54	28.27	4.22
2140.00	16.20	28.91	12.31	13.88	2.10	0.95	46.54	28.10	4.27
2170.00	15.78	29.03	9.10	11.93	2.07	0.97	45.04	27.69	4.41
2180.00	15.61	29.22	8.25	11.29	2.08	0.98	48.10	27.58	4.48
2200.00	15.21	29.53	6.86	10.12	2.08	1.00	41.11	27.10	4.56

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 4.75V, Id =145.86 mA @ Temperature = +25degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
800.00	19.70	36.77	6.44	13.00	2.71	1.14	40.03	29.73	6.82
820.00	20.17	36.12	8.00	14.44	2.65	1.08	39.44	29.70	6.58
840.00	20.52	35.45	10.02	16.29	2.57	1.03	39.69	29.01	6.47
860.00	20.76	35.06	12.49	18.67	2.53	1.00	40.08	28.92	6.34
869.00	20.81	34.71	13.57	19.82	2.46	0.99	40.37	28.65	6.30
880.00	20.85	34.63	14.49	20.78	2.45	0.98	39.84	28.75	6.41
900.00	20.79	34.47	14.03	20.06	2.42	0.98	39.70	28.31	6.40
920.00	20.59	34.34	11.68	17.18	2.36	0.99	40.49	28.10	6.33
960.00	19.88	34.63	7.57	12.28	2.31	1.04	40.40	27.43	6.62
980.00	19.40	34.79	6.21	10.64	2.27	1.06	40.40	27.15	6.60
1000.00	18.88	35.24	5.17	9.37	2.28	1.07	39.13	26.72	6.79

2100 MHz Match									
TEST CONDITIONS: Vd = 4.75V, Id =144.19 mA @ Temperature = +25degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	K	Measure	IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)			(dBm)	(dBm)	(dB)
2000.00	15.42	30.37	6.41	12.75	2.21	1.10	39.02	29.34	4.52
2020.00	15.77	29.85	7.68	13.31	2.17	1.05	39.41	29.29	4.34
2040.00	16.06	29.43	9.33	14.04	2.15	1.00	40.25	28.98	4.19
2060.00	16.27	29.12	11.41	14.78	2.13	0.96	41.41	28.34	4.09
2080.00	16.39	28.80	13.80	15.44	2.10	0.94	42.71	28.30	4.05
2100.00	16.43	28.76	15.47	15.55	2.10	0.93	43.76	28.15	4.04
2110.00	16.40	28.58	15.41	15.32	2.06	0.93	44.48	27.83	4.02
2140.00	16.19	28.75	12.29	13.76	2.07	0.94	53.51	27.66	4.05
2170.00	15.76	28.96	9.10	11.70	2.06	0.97	41.59	27.25	4.28
2180.00	15.58	29.07	8.25	11.06	2.05	0.97	44.47	27.13	4.24
2200.00	15.18	29.35	6.86	9.87	2.05	0.99	38.95	26.65	4.33

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 5.25V, Id = 178.41 mA @ Temperature = +25degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
800.00	19.91	37.33	6.78	13.32	2.89	1.13	40.68	30.62	7.25
820.00	20.35	36.89	8.41	14.81	2.88	1.08	39.55	30.64	6.98
840.00	20.67	36.17	10.47	16.86	2.77	1.03	39.29	29.97	6.86
860.00	20.86	35.82	12.79	19.69	2.73	1.00	39.08	29.87	6.79
869.00	20.90	35.45	13.63	21.28	2.65	0.99	38.91	29.68	6.75
880.00	20.92	35.43	14.16	22.98	2.65	0.99	38.68	29.73	6.85
900.00	20.83	35.20	13.18	22.56	2.58	1.00	38.54	29.29	6.80
920.00	20.61	35.23	10.97	18.79	2.56	1.02	38.97	29.08	6.84
960.00	19.88	35.55	7.24	13.13	2.51	1.08	39.87	28.38	7.14
980.00	19.40	35.64	5.98	11.35	2.45	1.10	40.06	28.10	7.20
1000.00	18.89	36.08	5.01	9.98	2.46	1.12	40.43	27.67	7.37

2100 MHz Match									
TEST CONDITIONS: Vd = 5.25V, Id = 176.59 mA @ Temperature = +25degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	K	Measure	IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)			(dBm)	(dBm)	(dB)
2000.00	15.50	30.74	6.69	12.16	2.30	1.08	40.11	30.19	4.89
2020.00	15.84	30.25	8.04	12.66	2.26	1.03	40.50	30.16	4.68
2040.00	16.12	29.88	9.78	13.33	2.24	0.99	41.12	29.86	4.55
2060.00	16.32	29.58	11.99	14.06	2.23	0.95	41.73	29.22	4.48
2080.00	16.43	29.27	14.57	14.78	2.19	0.93	42.45	29.19	4.44
2100.00	16.46	29.18	16.18	15.15	2.18	0.93	42.88	29.09	4.41
2110.00	16.43	29.03	15.89	15.08	2.15	0.93	43.04	28.76	4.42
2140.00	16.21	29.13	12.34	14.03	2.14	0.95	44.57	28.54	4.46
2170.00	15.79	29.30	9.11	12.19	2.12	0.98	49.12	28.18	4.65
2180.00	15.62	29.43	8.25	11.57	2.12	1.00	46.86	28.07	4.70
2200.00	15.23	29.71	6.86	10.38	2.12	1.02	43.59	27.53	4.79

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 5V, Id =146.75 mA @ Temperature = -45degC									
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)	K	Measure	(dBm)	(dBm)	(dB)
800.00	20.54	37.29	6.51	14.65	2.65	1.16	39.48	30.85	5.96
820.00	20.99	36.54	8.13	16.42	2.57	1.10	38.50	30.77	5.75
840.00	21.32	35.85	10.27	18.70	2.49	1.04	38.22	29.98	5.62
860.00	21.52	35.49	12.89	21.30	2.46	1.00	38.07	29.84	5.50
869.00	21.56	35.35	14.02	22.07	2.44	0.99	37.76	29.60	5.46
880.00	21.58	35.15	14.92	21.83	2.40	0.98	37.68	29.63	5.58
900.00	21.49	34.93	14.08	18.92	2.35	0.97	37.63	29.16	5.52
920.00	21.26	34.99	11.52	15.72	2.33	0.99	37.96	28.98	5.55
960.00	20.48	35.31	7.37	11.25	2.28	1.02	38.88	28.24	5.84
980.00	19.98	35.53	6.03	9.79	2.25	1.04	39.10	27.96	5.83
1000.00	19.44	35.87	5.01	8.63	2.23	1.05	39.46	27.56	6.03

2100 MHz Match									
TEST CONDITIONS: Vd = 5V, Id =145.44 mA @ Temperature = -45degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	K	Measure	IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
2000.00	16.13	30.41	6.01	12.58	2.02	1.11	38.69	30.33	3.75
2020.00	16.47	29.89	7.20	12.93	1.99	1.05	39.09	30.25	3.56
2040.00	16.77	29.43	8.72	13.44	1.96	1.00	39.81	29.89	3.42
2060.00	16.98	29.09	10.64	13.98	1.95	0.95	40.45	29.29	3.35
2080.00	17.12	28.81	12.86	14.45	1.93	0.92	41.05	29.20	3.31
2100.00	17.15	28.65	14.56	14.53	1.91	0.91	41.52	29.05	3.29
2110.00	17.13	28.56	14.68	14.31	1.90	0.91	41.72	28.71	3.29
2140.00	16.92	28.61	12.06	12.98	1.89	0.92	42.95	28.47	3.31
2170.00	16.48	28.77	8.98	11.09	1.86	0.94	45.41	28.05	3.53
2180.00	16.30	28.96	8.12	10.46	1.87	0.95	44.59	27.98	3.52
2200.00	15.88	29.29	6.71	9.33	1.87	0.97	42.98	27.42	3.60

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 4.75V, Id =131.44 mA @ Temperature = -45degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
800.00	20.41	36.90	6.33	14.26	2.54	1.16	39.66	30.41	5.78
820.00	20.87	36.17	7.91	15.92	2.48	1.10	38.80	30.29	5.56
840.00	21.22	35.52	10.01	17.98	2.41	1.04	38.69	29.50	5.42
860.00	21.45	35.12	12.68	20.19	2.37	1.00	38.69	29.33	5.32
869.00	21.50	34.87	13.92	20.85	2.33	0.98	38.51	29.09	5.28
880.00	21.52	34.73	15.07	20.65	2.31	0.97	38.33	29.13	5.41
900.00	21.45	34.56	14.58	18.29	2.28	0.96	38.25	28.66	5.32
920.00	21.23	34.60	11.93	15.32	2.26	0.97	38.71	28.47	5.32
960.00	20.47	34.78	7.55	11.01	2.18	1.00	39.45	27.77	5.59
980.00	19.97	35.15	6.14	9.57	2.18	1.02	39.58	27.49	5.61
1000.00	19.43	35.21	5.08	8.44	2.11	1.03	39.46	27.04	5.76

2100 MHz Match									
TEST CONDITIONS: Vd = 4.75V, Id =130.48 mA @ Temperature = -45degC									
2000.00	16.03	30.16	5.90	12.85	1.98	1.12	38.42	29.87	3.61
2020.00	16.38	29.81	7.06	13.23	1.98	1.06	38.82	29.79	3.41
2040.00	16.68	29.27	8.54	13.78	1.94	1.00	39.59	29.43	3.27
2060.00	16.91	28.87	10.42	14.35	1.92	0.96	40.54	28.77	3.24
2080.00	17.04	28.68	12.58	14.80	1.92	0.93	41.34	28.74	3.17
2100.00	17.09	28.44	14.28	14.79	1.89	0.91	42.08	28.59	3.18
2110.00	17.07	28.38	14.43	14.53	1.88	0.91	42.48	28.20	3.14
2140.00	16.86	28.49	12.02	12.97	1.88	0.92	45.02	27.96	3.18
2170.00	16.42	28.70	8.97	10.97	1.86	0.93	44.48	27.55	3.40
2180.00	16.24	28.81	8.11	10.34	1.85	0.94	45.82	27.47	3.35
2200.00	15.82	29.14	6.71	9.20	1.86	0.96	40.60	26.91	3.43

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 5.25V, Id = 163.05 mA @ Temperature = -45degC									
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)	K	Measure	(dBm)	(dBm)	(dB)
800.00	20.65	37.47	6.67	14.88	2.71	1.15	39.18	31.29	6.16
820.00	21.08	36.75	8.34	16.75	2.63	1.09	38.20	31.22	5.93
840.00	21.39	36.28	10.48	19.21	2.60	1.04	37.86	30.46	5.82
860.00	21.57	35.79	13.05	22.24	2.53	1.00	37.61	30.32	5.72
869.00	21.61	35.66	14.06	23.29	2.52	0.99	37.25	30.03	5.67
880.00	21.62	35.54	14.73	23.11	2.49	0.99	37.23	30.11	5.82
900.00	21.51	35.34	13.65	19.74	2.44	0.99	37.21	29.67	5.74
920.00	21.27	35.35	11.17	16.23	2.41	1.00	37.41	29.45	5.77
960.00	20.49	35.68	7.22	11.56	2.35	1.04	38.30	28.72	6.09
980.00	19.99	35.86	5.93	10.04	2.31	1.06	38.57	28.44	6.11
1000.00	19.45	36.16	4.94	8.86	2.29	1.07	39.00	28.00	6.31

2100 MHz Match									
TEST CONDITIONS: Vd = 5.25V, Id = 161.63 mA @ Temperature = -45degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	K	Measure	IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
2000.00	16.19	30.47	6.12	12.33	2.03	1.10	39.05	30.76	3.90
2020.00	16.54	30.02	7.33	12.65	2.01	1.04	39.38	30.69	3.71
2040.00	16.82	29.66	8.90	13.13	2.00	0.99	39.93	30.38	3.56
2060.00	17.04	29.22	10.87	13.67	1.97	0.95	40.35	29.73	3.51
2080.00	17.16	29.03	13.14	14.18	1.96	0.92	40.78	29.65	3.47
2100.00	17.20	28.82	14.87	14.34	1.94	0.91	41.09	29.55	3.46
2110.00	17.17	28.79	14.93	14.19	1.93	0.91	41.16	29.16	3.43
2140.00	16.96	28.82	12.13	13.05	1.92	0.92	41.84	28.96	3.48
2170.00	16.52	29.03	9.00	11.23	1.90	0.95	43.49	28.55	3.73
2180.00	16.34	29.10	8.13	10.64	1.89	0.96	43.09	28.42	3.71
2200.00	15.93	29.37	6.72	9.51	1.88	0.98	44.29	27.91	3.77

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 5V, Id = 162.5 mA @ Temperature = +85degC									
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)	K	Measure	(dBm)	(dBm)	(dB)
800.00	19.26	36.88	6.71	12.29	2.91	1.12	40.07	29.77	7.59
820.00	19.71	36.25	8.31	13.62	2.85	1.06	39.85	29.81	7.33
840.00	20.05	35.63	10.30	15.38	2.77	1.02	40.29	29.19	7.25
860.00	20.27	35.32	12.60	17.75	2.74	1.00	40.93	29.11	7.16
869.00	20.32	34.90	13.48	19.09	2.64	0.99	41.34	28.90	7.11
880.00	20.35	34.81	14.10	20.64	2.63	0.99	40.86	28.96	7.21
900.00	20.29	34.52	13.32	21.76	2.55	1.00	40.69	28.54	7.22
920.00	20.10	34.64	11.18	19.24	2.56	1.02	41.51	28.39	7.19
960.00	19.41	34.83	7.42	13.72	2.48	1.07	41.32	27.72	7.42
980.00	18.95	35.03	6.13	11.87	2.45	1.10	41.19	27.40	7.47
1000.00	18.46	35.38	5.14	10.44	2.45	1.12	39.95	26.99	7.64

2100 MHz Match									
TEST CONDITIONS: Vd = 5V, Id = 160.09 mA @ Temperature = +85degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	K	Measure	IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
2000.00	14.93	30.58	6.82	12.24	2.41	1.08	39.30	29.36	5.28
2020.00	15.28	30.17	8.19	12.88	2.39	1.04	39.78	29.35	5.07
2040.00	15.57	29.70	9.97	13.70	2.34	0.99	40.70	29.06	4.95
2060.00	15.78	29.44	12.28	14.62	2.33	0.96	41.61	28.50	4.87
2080.00	15.90	29.16	14.98	15.56	2.30	0.94	42.69	28.46	4.82
2100.00	15.93	28.97	16.72	16.10	2.27	0.94	43.54	28.37	4.81
2110.00	15.90	28.89	16.40	16.07	2.25	0.94	44.20	27.99	4.79
2140.00	15.70	29.00	12.62	14.90	2.25	0.96	47.85	27.89	4.85
2170.00	15.29	29.16	9.29	12.84	2.22	0.99	42.54	27.50	4.99
2180.00	15.12	29.32	8.42	12.14	2.23	1.01	46.01	27.39	5.04
2200.00	14.74	29.49	7.01	10.88	2.21	1.03	39.87	26.87	5.13

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 4.75V, Id = 147.89 mA @ Temperature = +85degC									
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)	K	Measure	(dBm)	(dBm)	(dB)
800.00	19.18	36.48	6.53	12.19	2.78	1.12	39.53	29.35	7.38
820.00	19.65	35.78	8.09	13.49	2.70	1.07	39.55	29.34	7.16
840.00	20.01	35.18	10.07	15.20	2.63	1.02	40.29	28.71	7.03
860.00	20.25	34.67	12.45	17.41	2.56	0.99	41.69	28.65	6.93
869.00	20.30	34.55	13.46	18.57	2.55	0.98	42.95	28.39	6.89
880.00	20.34	34.49	14.28	19.86	2.55	0.98	42.12	28.49	6.99
900.00	20.29	34.16	13.78	20.49	2.46	0.98	41.88	28.07	6.94
920.00	20.11	34.26	11.57	18.23	2.46	1.00	42.45	27.88	6.92
960.00	19.43	34.58	7.59	13.19	2.42	1.06	40.53	27.19	7.13
980.00	18.98	34.68	6.25	11.44	2.37	1.08	40.35	26.92	7.21
1000.00	18.48	34.97	5.22	10.07	2.35	1.10	38.49	26.50	7.35

2100 MHz Match									
TEST CONDITIONS: Vd = 4.75V, Id = 145.79 mA @ Temperature = +85degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	K	Measure	IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
2000.00	14.87	30.46	6.69	12.53	2.39	1.09	38.95	28.89	5.12
2020.00	15.22	30.01	8.03	13.20	2.36	1.04	39.35	28.93	4.93
2040.00	15.51	29.56	9.75	14.10	2.32	1.00	40.23	28.64	4.81
2060.00	15.73	29.19	11.98	15.06	2.28	0.97	41.32	28.01	4.71
2080.00	15.85	28.95	14.63	16.00	2.26	0.95	42.40	27.97	4.66
2100.00	15.89	28.77	16.42	16.45	2.24	0.94	43.37	27.88	4.66
2110.00	15.86	28.78	16.21	16.32	2.24	0.94	44.13	27.51	4.63
2140.00	15.66	28.79	12.63	14.84	2.22	0.96	44.79	27.36	4.67
2170.00	15.26	28.98	9.31	12.62	2.19	0.99	39.94	27.02	4.86
2180.00	15.09	29.10	8.44	11.92	2.19	1.00	42.41	26.91	4.85
2200.00	14.70	29.31	7.02	10.64	2.18	1.02	38.03	26.39	4.94

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

900 MHz Match									
TEST CONDITIONS: Vd = 5.25V, Id = 176.96 mA @ Temperature = +85degC									
FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
800.00	19.31	37.20	6.86	12.29	3.03	1.11	40.63	30.14	7.81
820.00	19.75	36.64	8.49	13.63	2.99	1.06	40.18	30.24	7.57
840.00	20.07	35.97	10.50	15.41	2.88	1.02	40.33	29.66	7.46
860.00	20.28	35.62	12.70	17.89	2.83	1.00	40.53	29.58	7.37
869.00	20.32	35.41	13.48	19.29	2.79	0.99	40.59	29.37	7.33
880.00	20.34	35.25	13.92	21.14	2.76	0.99	40.26	29.46	7.47
900.00	20.26	35.02	12.97	23.06	2.69	1.01	40.12	29.04	7.48
920.00	20.06	35.10	10.86	20.43	2.68	1.03	40.71	28.85	7.40
960.00	19.37	35.43	7.26	14.35	2.64	1.10	41.27	28.18	7.70
980.00	18.92	35.43	6.03	12.35	2.55	1.12	41.34	27.87	7.75
1000.00	18.43	35.65	5.07	10.87	2.52	1.14	40.99	27.46	7.92

2100 MHz Match									
TEST CONDITIONS: Vd = 5.25V, Id = 174.09 mA @ Temperature = +85degC									
2000.00	14.96	30.80	6.95	11.95	2.47	1.08	39.82	29.75	5.44
2020.00	15.31	30.31	8.35	12.56	2.42	1.03	40.34	29.82	5.25
2040.00	15.59	29.94	10.17	13.34	2.40	0.99	41.22	29.53	5.10
2060.00	15.79	29.64	12.54	14.22	2.38	0.96	41.96	28.97	5.02
2080.00	15.91	29.43	15.33	15.14	2.36	0.94	42.90	28.93	4.99
2100.00	15.94	29.26	17.01	15.83	2.34	0.94	43.55	28.84	4.96
2110.00	15.91	29.23	16.59	15.87	2.33	0.94	43.96	28.52	4.97
2140.00	15.71	29.21	12.62	15.02	2.30	0.97	46.75	28.37	5.01
2170.00	15.30	29.39	9.28	13.10	2.27	1.00	46.14	27.97	5.25
2180.00	15.14	29.49	8.41	12.42	2.27	1.02	53.18	27.87	5.25
2200.00	14.76	29.75	7.00	11.17	2.27	1.04	42.20	27.35	5.32