

## 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)

TEST CONDITIONS: Vd = 3.00V, Id = 72.96765mA @ 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)
1.00	23.80	28.90	9.90	11.30	1.10	0.63	30.98	14.62	2.92
3.00	24.10	28.40	12.30	22.30	1.09	0.66	30.96	14.89	1.94
5.00	24.10	28.20	12.70	31.30	1.08	0.66	31.19	14.90	1.69
7.00	24.00	27.90	13.00	34.70	1.06	0.65	31.36	15.02	1.51
9.00	23.90	27.70	13.20	29.40	1.05	0.63	31.56	15.33	1.50
10.00	23.90	27.50	13.40	27.60	1.05	0.63	31.65	15.31	1.21
20.00	23.30	26.40	14.80	20.70	1.02	0.56	32.55	15.77	1.01
30.00	22.90	25.90	15.90	18.90	1.02	0.52	35.09	17.39	1.00
40.00	22.70	25.60	16.80	18.10	1.03	0.50	34.10	18.29	0.98
50.00	22.60	25.40	17.30	17.80	1.03	0.48	33.95	18.74	0.99
60.00	22.50	25.30	17.60	17.60	1.03	0.48	33.54	18.79	0.98
70.00	22.40	25.30	17.90	17.50	1.03	0.47	33.88	18.88	0.92
80.00	22.40	25.20	18.10	17.50	1.04	0.47	34.45	18.96	0.94
90.00	22.30	25.20	18.10	17.50	1.04	0.47	34.21	19.01	0.97
100.00	22.30	25.20	18.30	17.40	1.04	0.47	33.88	18.91	0.92
150.00	22.20	25.20	18.20	17.70	1.04	0.48	34.27	19.10	0.94
200.00	22.10	25.20	17.90	18.20	1.05	0.50	33.79	19.14	0.94
250.00	22.10	25.20	17.50	18.90	1.05	0.51	34.35	19.28	0.94
300.00	22.00	25.30	17.00	19.70	1.05	0.54	34.07	19.18	0.99
350.00	21.90	25.30	16.40	20.60	1.05	0.56	33.54	19.23	0.93
400.00	21.80	25.40	16.00	21.70	1.06	0.58	33.28	19.11	0.96
450.00	21.70	25.50	15.50	22.70	1.06	0.61	33.21	19.26	1.06
500.00	21.60	25.60	15.00	23.20	1.07	0.64	32.90	19.07	1.05
550.00	21.50	25.70	14.50	22.80	1.07	0.67	32.94	19.01	1.08
600.00	21.30	25.90	14.00	21.40	1.08	0.70	32.68	18.89	1.37
650.00	21.10	26.10	13.30	20.30	1.09	0.74	32.12	18.90	1.04
700.00	21.10	26.10	12.80	20.00	1.10	0.76	32.09	19.05	1.08
750.00	20.90	26.20	12.40	18.50	1.10	0.78	31.64	19.22	1.20
800.00	20.80	26.40	12.00	16.90	1.11	0.80	31.67	19.06	1.06
850.00	20.50	26.60	11.40	15.50	1.12	0.83	31.17	18.88	1.09
900.00	20.30	26.80	10.80	14.30	1.13	0.86	31.13	18.93	1.21
950.00	20.00	27.10	10.20	13.10	1.14	0.89	30.58	18.90	1.18
1000.00	19.70	27.40	9.50	12.00	1.16	0.92	29.66	18.78	1.23
1050.00	19.20	27.80	8.70	10.80	1.18	0.96	29.61	18.53	1.31
1100.00	18.60	28.40	7.70	9.60	1.22	1.00	29.05	18.03	1.31
1150.00	17.70	29.30	6.60	8.50	1.29	1.05	28.79	17.54	1.39
1200.00	16.40	30.50	5.50	7.60	1.42	1.10	27.41	16.58	1.48

## 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 = 2.75V, Id = 64.0952mA @ 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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	23.60	28.80	9.70	11.20	1.10	0.64	29.34	13.58	--
3.00	23.90	28.30	11.90	21.80	1.09	0.67	29.40	13.85	--
5.00	23.90	28.10	12.30	29.00	1.08	0.67	29.68	13.88	--
7.00	23.80	27.80	12.60	32.00	1.07	0.65	29.90	13.86	--
9.00	23.70	27.60	12.90	29.30	1.06	0.64	30.04	14.12	--
10.00	23.70	27.40	13.00	27.80	1.05	0.64	30.17	14.12	0.98
20.00	23.10	26.30	14.60	21.40	1.02	0.57	30.67	14.61	1.02
30.00	22.70	25.70	15.90	19.60	1.02	0.53	32.00	16.18	1.02
40.00	22.50	25.40	16.80	18.80	1.03	0.50	32.36	17.13	0.97
50.00	22.40	25.30	17.50	18.50	1.03	0.49	32.80	17.60	1.00
60.00	22.30	25.20	17.90	18.30	1.03	0.49	32.34	17.72	0.97
70.00	22.20	25.10	18.30	18.20	1.04	0.48	32.79	17.85	0.92
80.00	22.20	25.10	18.50	18.20	1.04	0.48	32.82	17.95	0.92
90.00	22.20	25.10	18.50	18.20	1.04	0.48	32.65	18.01	0.95
100.00	22.10	25.00	18.70	18.20	1.04	0.48	32.53	17.94	0.89
150.00	22.00	25.00	18.50	18.50	1.04	0.49	32.55	18.12	0.94
200.00	22.00	25.00	18.10	19.10	1.05	0.51	32.56	18.18	0.92
250.00	21.90	25.10	17.50	19.80	1.05	0.52	32.71	18.29	0.91
300.00	21.80	25.10	16.90	20.70	1.05	0.55	32.44	18.21	0.99
350.00	21.70	25.20	16.20	21.70	1.06	0.57	32.07	18.26	0.94
400.00	21.60	25.30	15.60	22.70	1.06	0.60	32.12	18.14	0.97
450.00	21.50	25.40	15.10	23.50	1.06	0.62	31.72	18.26	1.05
500.00	21.40	25.50	14.50	23.60	1.07	0.65	31.67	18.09	0.99
550.00	21.30	25.60	13.90	22.50	1.07	0.68	31.64	18.04	1.06
600.00	21.10	25.80	13.40	20.90	1.08	0.72	31.27	17.93	1.35
650.00	20.90	26.00	12.60	19.70	1.10	0.76	30.69	17.91	1.09
700.00	20.80	26.00	12.10	19.30	1.10	0.78	30.62	18.04	1.17
750.00	20.70	26.20	11.80	17.70	1.10	0.80	30.15	18.15	1.19
800.00	20.50	26.30	11.30	16.20	1.11	0.82	30.14	18.03	1.09
850.00	20.30	26.50	10.80	14.90	1.12	0.85	29.75	17.83	1.11
900.00	20.00	26.70	10.20	13.70	1.13	0.88	29.65	17.87	1.25
950.00	19.70	27.00	9.60	12.60	1.14	0.91	29.13	17.79	1.19
1000.00	19.30	27.40	8.90	11.50	1.16	0.94	28.27	17.52	1.25
1050.00	18.80	27.80	8.10	10.40	1.18	0.98	28.10	17.27	1.33
1100.00	18.20	28.40	7.20	9.30	1.21	1.02	27.61	16.80	1.29
1150.00	17.30	29.30	6.20	8.30	1.28	1.06	27.36	16.26	1.41
1200.00	16.00	30.50	5.20	7.50	1.41	1.11	25.96	15.30	1.47

## 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 = 3.25V, Id = 81.84666mA @ 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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	24.00	29.00	10.10	11.40	1.09	0.62	32.50	15.87	--
3.00	24.30	28.50	12.60	22.70	1.09	0.65	32.41	15.99	--
5.00	24.30	28.30	13.00	33.40	1.07	0.65	32.59	16.05	--
7.00	24.20	28.00	13.30	36.20	1.06	0.64	32.69	15.99	--
9.00	24.10	27.80	13.50	29.00	1.05	0.62	32.90	16.14	--
10.00	24.00	27.60	13.70	27.10	1.05	0.62	32.99	16.40	0.98
20.00	23.50	26.50	14.90	20.20	1.02	0.55	32.98	16.80	1.03
30.00	23.10	26.00	15.90	18.30	1.02	0.51	35.36	18.42	1.02
40.00	22.80	25.70	16.60	17.60	1.02	0.49	35.23	19.28	0.95
50.00	22.70	25.50	17.10	17.20	1.03	0.48	35.38	19.68	1.00
60.00	22.60	25.40	17.40	17.00	1.03	0.47	35.34	19.67	0.96
70.00	22.50	25.40	17.60	17.00	1.03	0.47	35.11	19.73	0.92
80.00	22.50	25.30	17.70	16.90	1.04	0.47	34.81	19.81	0.93
90.00	22.50	25.30	17.80	16.90	1.04	0.47	35.41	19.86	0.96
100.00	22.40	25.30	17.90	16.90	1.04	0.46	35.51	19.75	0.90
150.00	22.40	25.30	17.80	17.10	1.04	0.47	35.32	19.93	0.95
200.00	22.30	25.30	17.70	17.60	1.05	0.49	34.95	19.99	0.91
250.00	22.20	25.30	17.40	18.20	1.05	0.50	35.40	20.14	0.91
300.00	22.20	25.40	17.00	19.00	1.05	0.53	35.01	20.03	0.97
350.00	22.10	25.40	16.60	19.90	1.05	0.55	34.76	20.07	0.93
400.00	22.00	25.50	16.20	20.90	1.06	0.57	34.74	19.96	0.95
450.00	21.90	25.60	15.90	22.00	1.06	0.60	34.25	20.13	1.01
500.00	21.80	25.70	15.40	22.90	1.07	0.62	34.12	19.90	1.03
550.00	21.70	25.80	15.00	22.90	1.07	0.65	34.09	19.83	1.06
600.00	21.50	25.90	14.50	21.90	1.08	0.68	33.93	19.72	1.42
650.00	21.30	26.10	13.80	20.80	1.10	0.72	33.08	19.74	1.05
700.00	21.30	26.20	13.30	20.80	1.10	0.74	33.19	19.93	1.25
750.00	21.20	26.30	13.00	19.30	1.10	0.76	32.97	20.11	1.18
800.00	21.00	26.50	12.50	17.60	1.11	0.78	32.71	19.94	1.07
850.00	20.80	26.60	12.00	16.20	1.12	0.81	32.28	19.75	1.09
900.00	20.60	26.90	11.40	14.80	1.13	0.84	32.31	19.84	1.23
950.00	20.30	27.10	10.70	13.60	1.14	0.87	31.86	19.86	1.17
1000.00	19.90	27.50	10.00	12.40	1.16	0.91	30.95	19.78	1.22
1050.00	19.50	27.90	9.10	11.20	1.19	0.94	30.79	19.56	1.31
1100.00	18.90	28.50	8.10	10.00	1.23	0.99	30.26	19.16	1.32
1150.00	18.00	29.30	7.00	8.80	1.30	1.03	29.93	18.60	1.38
1200.00	16.70	30.60	5.80	7.80	1.43	1.09	28.69	17.69	1.45

## 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 = 70.32125mA @ Temperature = -45°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	23.70	28.80	9.80	11.00	1.09	0.62	31.01	14.52	--
3.00	24.00	28.30	12.20	21.40	1.08	0.65	31.04	14.82	--
5.00	24.00	28.10	12.60	28.30	1.07	0.65	31.37	14.87	--
7.00	24.00	27.80	12.90	31.20	1.06	0.64	31.47	15.13	--
9.00	23.90	27.50	13.20	28.80	1.05	0.62	31.67	15.10	--
10.00	23.80	27.40	13.30	27.50	1.05	0.62	31.78	15.08	0.80
20.00	23.30	26.30	14.80	21.30	1.02	0.55	33.36	15.66	0.79
30.00	22.90	25.70	16.10	19.60	1.02	0.51	34.16	17.29	0.81
40.00	22.60	25.50	17.00	18.90	1.02	0.49	33.63	18.26	0.72
50.00	22.50	25.30	17.70	18.70	1.03	0.48	35.05	18.75	0.76
60.00	22.40	25.20	18.20	18.60	1.03	0.47	33.57	18.83	0.72
70.00	22.40	25.10	18.60	18.60	1.03	0.47	34.75	18.94	0.68
80.00	22.30	25.10	18.90	18.70	1.04	0.47	34.47	19.03	0.72
90.00	22.30	25.10	19.00	18.80	1.04	0.47	34.52	19.08	0.72
100.00	22.30	25.10	19.30	18.90	1.04	0.47	34.62	19.00	0.68
150.00	22.20	25.00	19.30	19.60	1.04	0.47	34.27	19.17	0.69
200.00	22.20	25.00	19.00	19.90	1.04	0.48	33.94	19.23	0.69
250.00	22.10	25.10	18.40	20.00	1.05	0.50	33.65	19.36	0.72
300.00	22.00	25.10	17.80	20.20	1.05	0.51	33.66	19.28	0.73
350.00	22.00	25.20	17.20	20.80	1.05	0.54	33.46	19.34	0.75
400.00	21.90	25.30	16.80	22.00	1.05	0.56	32.70	19.22	0.70
450.00	21.80	25.30	16.30	23.30	1.06	0.58	32.39	19.36	0.77
500.00	21.70	25.40	15.70	24.30	1.06	0.61	32.36	19.18	0.78
550.00	21.60	25.50	15.30	24.00	1.07	0.63	32.34	19.13	0.79
600.00	21.50	25.70	14.80	22.50	1.07	0.66	32.13	19.00	1.13
650.00	21.30	25.90	14.30	20.60	1.08	0.70	31.34	18.97	0.78
700.00	21.20	26.00	13.50	20.60	1.09	0.73	31.44	19.13	0.73
750.00	21.10	26.00	13.30	19.10	1.09	0.73	30.91	19.28	0.88
800.00	21.00	26.20	13.00	17.40	1.10	0.75	30.94	19.14	0.79
850.00	20.80	26.30	12.50	16.00	1.10	0.78	30.50	18.93	0.81
900.00	20.60	26.50	11.90	14.80	1.11	0.81	30.52	19.00	0.94
950.00	20.40	26.80	11.20	13.70	1.12	0.84	29.98	18.94	0.87
1000.00	20.10	27.10	10.40	12.60	1.14	0.87	29.36	18.72	0.93
1050.00	19.70	27.40	9.50	11.60	1.15	0.91	29.24	18.50	0.99
1100.00	19.20	27.90	8.60	10.40	1.18	0.95	28.72	18.01	0.97
1150.00	18.50	28.60	7.50	9.10	1.22	0.99	28.52	17.47	1.04
1200.00	17.40	29.70	6.30	7.90	1.31	1.04	27.13	16.37	1.06

## 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 = 2.75V, Id = 59.15511mA @ Temperature = -45°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	23.50	28.70	9.50	10.90	1.10	0.63	29.36	13.51	--
3.00	23.80	28.20	11.80	20.90	1.09	0.67	29.43	13.63	--
5.00	23.80	27.90	12.20	26.50	1.08	0.66	29.76	13.68	--
7.00	23.70	27.70	12.50	28.80	1.07	0.65	29.88	13.81	--
9.00	23.60	27.40	12.80	28.00	1.05	0.64	30.07	13.78	--
10.00	23.60	27.30	12.90	27.20	1.05	0.63	30.22	14.05	0.77
20.00	23.00	26.20	14.50	22.00	1.02	0.57	30.37	14.51	0.79
30.00	22.70	25.60	16.00	20.40	1.02	0.52	31.86	16.09	0.82
40.00	22.40	25.30	17.10	19.80	1.03	0.50	32.34	17.06	0.75
50.00	22.30	25.20	17.90	19.50	1.03	0.49	32.63	17.55	0.78
60.00	22.20	25.10	18.40	19.50	1.03	0.48	32.40	17.70	0.74
70.00	22.20	25.00	18.90	19.50	1.04	0.48	32.50	17.87	0.69
80.00	22.10	25.00	19.20	19.70	1.04	0.48	32.62	17.97	0.72
90.00	22.10	24.90	19.40	19.80	1.04	0.48	32.76	18.04	0.74
100.00	22.10	24.90	19.60	19.90	1.04	0.48	32.55	17.99	0.69
150.00	22.00	24.90	19.60	20.60	1.04	0.48	32.41	18.15	0.72
200.00	22.00	24.90	19.10	21.10	1.05	0.50	32.32	18.22	0.72
250.00	21.90	24.90	18.30	21.10	1.05	0.51	32.47	18.32	0.68
300.00	21.80	25.00	17.60	21.40	1.05	0.53	32.38	18.27	0.75
350.00	21.70	25.10	16.90	22.00	1.05	0.55	31.59	18.32	0.74
400.00	21.70	25.10	16.20	23.20	1.06	0.58	31.63	18.21	0.72
450.00	21.60	25.20	15.60	24.40	1.06	0.60	31.34	18.31	0.79
500.00	21.50	25.30	15.00	24.80	1.06	0.63	31.10	18.16	0.74
550.00	21.30	25.40	14.50	23.70	1.07	0.66	31.05	18.14	0.80
600.00	21.20	25.60	13.90	21.70	1.07	0.69	30.90	18.02	1.08
650.00	21.00	25.80	13.40	19.80	1.09	0.72	30.18	17.95	0.79
700.00	20.90	25.90	12.70	19.60	1.09	0.75	30.03	18.06	0.85
750.00	20.80	26.00	12.40	18.10	1.09	0.76	29.77	18.16	0.88
800.00	20.70	26.10	12.00	16.50	1.10	0.78	29.68	18.07	0.82
850.00	20.50	26.30	11.50	15.20	1.10	0.81	29.26	17.86	0.80
900.00	20.30	26.50	11.00	14.10	1.11	0.83	29.15	17.87	0.95
950.00	20.00	26.70	10.30	13.00	1.12	0.86	28.64	17.76	0.87
1000.00	19.70	27.00	9.60	12.10	1.13	0.90	27.90	17.44	0.92
1050.00	19.30	27.40	8.80	11.10	1.15	0.93	27.69	17.22	1.00
1100.00	18.80	27.90	7.90	10.00	1.17	0.97	27.22	16.72	0.98
1150.00	18.10	28.60	6.90	8.80	1.21	1.01	26.96	16.18	1.07
1200.00	17.00	29.70	5.80	7.60	1.29	1.06	25.56	15.14	1.14

## 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 = 3.25V, Id = 80.15761mA @ Temperature = -45°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	23.90	28.80	9.90	11.10	1.09	0.61	32.57	15.82	--
3.00	24.20	28.40	12.50	21.80	1.08	0.64	32.45	15.76	--
5.00	24.20	28.10	12.90	29.60	1.07	0.64	32.75	15.96	--
7.00	24.10	27.90	13.20	32.70	1.06	0.63	32.85	15.93	--
9.00	24.00	27.60	13.50	29.00	1.05	0.61	33.05	16.07	--
10.00	24.00	27.50	13.60	27.40	1.04	0.61	33.12	16.04	0.82
20.00	23.40	26.40	15.00	20.80	1.02	0.54	32.68	16.69	0.78
30.00	23.00	25.80	16.10	19.10	1.02	0.51	36.17	18.37	0.78
40.00	22.80	25.60	17.00	18.40	1.02	0.48	36.05	19.31	0.74
50.00	22.70	25.40	17.60	18.20	1.03	0.47	35.74	19.75	0.78
60.00	22.60	25.30	17.90	18.10	1.03	0.47	35.60	19.77	0.74
70.00	22.50	25.30	18.30	18.10	1.03	0.46	35.48	19.84	0.70
80.00	22.50	25.20	18.60	18.20	1.03	0.46	35.39	19.92	0.70
90.00	22.40	25.20	18.70	18.30	1.04	0.46	35.38	19.97	0.72
100.00	22.40	25.20	19.00	18.40	1.04	0.46	35.63	19.85	0.67
150.00	22.40	25.10	19.10	18.90	1.04	0.46	35.36	20.05	0.70
200.00	22.30	25.10	18.90	19.30	1.04	0.47	35.24	20.10	0.70
250.00	22.20	25.20	18.40	19.30	1.05	0.49	35.06	20.25	0.69
300.00	22.20	25.20	17.90	19.60	1.05	0.50	34.37	20.15	0.73
350.00	22.10	25.30	17.50	20.20	1.05	0.52	33.88	20.21	0.98
400.00	22.10	25.40	17.10	21.30	1.05	0.54	33.89	20.09	0.72
450.00	22.00	25.40	16.70	22.80	1.06	0.57	33.64	20.25	0.77
500.00	21.90	25.50	16.30	24.20	1.06	0.59	32.90	20.06	0.77
550.00	21.80	25.60	16.00	24.60	1.07	0.62	33.17	20.00	0.81
600.00	21.70	25.70	15.60	23.50	1.07	0.64	32.88	19.85	0.77
650.00	21.50	25.90	15.10	21.60	1.09	0.68	31.91	19.84	0.76
700.00	21.40	26.10	14.30	21.70	1.09	0.71	32.22	20.04	0.71
750.00	21.40	26.10	14.10	20.20	1.09	0.71	32.00	20.23	0.89
800.00	21.20	26.20	13.80	18.30	1.10	0.73	31.86	20.06	0.79
850.00	21.10	26.40	13.30	16.80	1.11	0.76	31.48	19.87	0.78
900.00	20.90	26.60	12.70	15.40	1.12	0.78	31.42	19.93	0.90
950.00	20.70	26.80	11.90	14.30	1.13	0.81	31.05	19.96	0.84
1000.00	20.40	27.10	11.10	13.10	1.14	0.85	30.40	19.85	0.90
1050.00	20.00	27.50	10.20	12.00	1.16	0.89	30.28	19.64	0.98
1100.00	19.60	28.00	9.10	10.70	1.19	0.93	29.92	19.19	0.95
1150.00	18.80	28.70	8.00	9.40	1.23	0.97	29.73	18.67	1.03
1200.00	17.70	29.80	6.70	8.10	1.33	1.02	28.49	17.60	1.08



## 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 = 74.07835mA @ Temperature = +105°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	23.60	28.80	9.80	11.40	1.10	0.65	30.20	14.51	--
3.00	23.90	28.30	11.90	22.00	1.09	0.68	30.26	14.46	--
5.00	23.90	28.10	12.30	28.80	1.08	0.67	30.54	14.64	--
7.00	23.80	27.90	12.60	31.50	1.07	0.66	30.76	14.60	--
9.00	23.70	27.60	12.90	29.20	1.06	0.65	30.97	14.90	--
10.00	23.60	27.50	13.00	27.90	1.05	0.64	31.06	14.87	1.21
20.00	23.10	26.30	14.60	21.60	1.02	0.57	32.16	15.41	1.26
30.00	22.70	25.70	15.90	19.70	1.02	0.53	31.92	17.00	1.26
40.00	22.50	25.40	16.80	18.90	1.03	0.51	33.19	17.87	1.22
50.00	22.40	25.30	17.40	18.40	1.03	0.50	33.84	18.32	1.26
60.00	22.30	25.20	17.80	18.10	1.04	0.49	34.14	18.38	1.23
70.00	22.20	25.10	18.10	18.00	1.04	0.49	33.56	18.50	1.17
80.00	22.20	25.10	18.10	17.80	1.04	0.48	33.67	18.58	1.17
90.00	22.10	25.10	18.20	17.70	1.04	0.48	33.89	18.64	1.21
100.00	22.10	25.10	18.20	17.60	1.04	0.48	34.00	18.55	1.17
150.00	22.00	25.10	17.80	17.40	1.05	0.49	33.60	18.74	1.21
200.00	21.90	25.10	17.50	17.80	1.05	0.51	33.50	18.79	1.21
250.00	21.80	25.10	17.10	18.70	1.05	0.53	33.97	18.91	1.23
300.00	21.80	25.20	16.60	20.10	1.06	0.56	33.73	18.81	1.29
350.00	21.70	25.30	16.00	21.80	1.06	0.59	32.88	18.87	1.24
400.00	21.60	25.40	15.40	23.50	1.07	0.61	33.03	18.75	1.24
450.00	21.50	25.40	15.00	24.80	1.07	0.64	32.90	18.92	1.32
500.00	21.40	25.60	14.40	24.70	1.08	0.67	32.85	18.71	1.30
550.00	21.20	25.70	14.00	23.10	1.08	0.70	32.73	18.65	1.38
600.00	21.00	25.90	13.40	21.10	1.09	0.73	32.65	18.55	1.60
650.00	20.80	26.10	12.80	19.80	1.11	0.76	31.91	18.55	1.35
700.00	20.70	26.20	12.30	18.90	1.11	0.78	31.92	18.70	1.37
750.00	20.60	26.30	11.90	17.30	1.12	0.80	31.26	18.82	1.48
800.00	20.40	26.50	11.40	15.80	1.13	0.83	31.32	18.66	1.39
850.00	20.20	26.70	10.90	14.60	1.14	0.85	30.87	18.47	1.41
900.00	19.90	26.90	10.30	13.50	1.15	0.88	30.86	18.52	1.55
950.00	19.60	27.20	9.70	12.50	1.17	0.91	30.23	18.46	1.52
1000.00	19.20	27.60	9.00	11.50	1.19	0.94	29.41	18.25	1.58
1050.00	18.80	28.00	8.30	10.60	1.22	0.98	29.32	18.03	1.69
1100.00	18.20	28.60	7.40	9.70	1.26	1.02	28.79	17.58	1.70
1150.00	17.30	29.30	6.40	8.90	1.34	1.07	28.57	17.06	1.81
1200.00	16.30	30.40	5.50	8.30	1.46	1.13	27.39	16.30	1.88

## 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 = 2.75V, Id = 65.63857mA @ Temperature = +105°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	23.40	28.70	9.60	11.30	1.10	0.65	28.77	13.29	--
3.00	23.70	28.20	11.60	21.40	1.10	0.69	28.88	13.60	--
5.00	23.60	28.00	11.90	26.80	1.09	0.68	29.15	13.62	--
7.00	23.60	27.70	12.20	29.10	1.07	0.67	29.38	13.59	--
9.00	23.50	27.50	12.50	28.20	1.06	0.66	29.60	13.57	--
10.00	23.40	27.30	12.70	27.50	1.06	0.65	29.66	13.87	1.20
20.00	22.90	26.20	14.30	22.30	1.03	0.58	30.08	14.30	1.26
30.00	22.50	25.60	15.80	20.50	1.03	0.54	31.09	15.87	1.26
40.00	22.30	25.30	16.80	19.70	1.03	0.52	31.46	16.81	1.23
50.00	22.20	25.10	17.60	19.20	1.03	0.50	32.16	17.27	1.26
60.00	22.10	25.00	18.00	18.90	1.04	0.50	32.22	17.40	1.23
70.00	22.00	25.00	18.40	18.70	1.04	0.49	32.61	17.55	1.17
80.00	22.00	25.00	18.50	18.60	1.04	0.49	32.44	17.64	1.19
90.00	22.00	24.90	18.50	18.50	1.04	0.49	32.47	17.72	1.23
100.00	21.90	24.90	18.60	18.30	1.04	0.49	32.63	17.64	1.17
150.00	21.80	24.90	18.20	18.10	1.05	0.50	32.39	17.83	1.21
200.00	21.70	24.90	17.70	18.60	1.05	0.52	32.30	17.89	1.22
250.00	21.70	25.00	17.20	19.60	1.05	0.54	32.57	17.99	1.21
300.00	21.60	25.10	16.50	21.20	1.06	0.57	32.41	17.90	1.30
350.00	21.50	25.10	15.70	22.90	1.06	0.60	31.86	17.94	1.30
400.00	21.40	25.20	15.10	24.60	1.07	0.62	32.07	17.83	1.24
450.00	21.30	25.30	14.50	25.30	1.07	0.65	31.65	17.97	1.33
500.00	21.10	25.50	13.90	24.30	1.08	0.68	31.55	17.78	1.29
550.00	21.00	25.60	13.40	22.30	1.08	0.71	31.47	17.73	1.36
600.00	20.80	25.80	12.80	20.30	1.09	0.74	31.27	17.62	1.59
650.00	20.60	26.00	12.20	19.10	1.11	0.78	30.52	17.60	1.35
700.00	20.50	26.10	11.80	18.00	1.11	0.80	30.39	17.73	1.49
750.00	20.30	26.20	11.30	16.50	1.12	0.82	29.90	17.82	1.53
800.00	20.10	26.40	10.90	15.20	1.13	0.84	29.89	17.68	1.41
850.00	19.90	26.60	10.30	14.00	1.14	0.87	29.44	17.49	1.41
900.00	19.60	26.90	9.80	13.00	1.15	0.90	29.36	17.50	1.56
950.00	19.30	27.10	9.20	12.00	1.17	0.93	28.87	17.39	1.52
1000.00	18.90	27.50	8.60	11.10	1.19	0.96	28.05	17.13	1.61
1050.00	18.40	27.90	7.80	10.20	1.22	0.99	27.97	16.91	1.70
1100.00	17.80	28.50	7.00	9.40	1.26	1.03	27.46	16.43	1.69
1150.00	17.00	29.30	6.10	8.60	1.33	1.08	27.30	15.92	1.81
1200.00	15.90	30.30	5.20	8.10	1.45	1.14	26.05	15.14	1.90



## 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 = 3.25V, Id = 82.49949mA @ Temperature = +105°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	23.70	28.90	10.00	11.50	1.10	0.64	31.64	15.46	--
3.00	24.00	28.40	12.20	22.40	1.09	0.67	31.61	15.41	--
5.00	24.00	28.20	12.60	30.60	1.08	0.66	31.85	15.76	--
7.00	23.90	28.00	12.90	33.60	1.07	0.65	32.06	15.71	--
9.00	23.80	27.70	13.20	29.40	1.06	0.64	32.21	15.71	--
10.00	23.80	27.60	13.30	27.80	1.05	0.63	32.31	15.96	1.20
20.00	23.30	26.40	14.70	21.00	1.02	0.57	33.40	16.41	1.26
30.00	22.90	25.90	15.90	19.10	1.02	0.53	34.80	17.97	1.25
40.00	22.60	25.60	16.70	18.30	1.03	0.50	34.65	18.78	1.22
50.00	22.50	25.40	17.20	17.80	1.03	0.49	35.30	19.19	1.24
60.00	22.40	25.30	17.50	17.60	1.03	0.48	34.47	19.22	1.21
70.00	22.30	25.30	17.70	17.40	1.04	0.48	35.07	19.31	1.17
80.00	22.30	25.20	17.80	17.20	1.04	0.48	34.39	19.38	1.18
90.00	22.30	25.20	17.80	17.10	1.04	0.48	34.72	19.44	1.21
100.00	22.20	25.20	17.90	17.00	1.04	0.48	35.29	19.35	1.15
150.00	22.10	25.20	17.50	16.80	1.05	0.49	35.08	19.54	1.21
200.00	22.10	25.20	17.20	17.20	1.05	0.50	34.76	19.58	1.23
250.00	22.00	25.30	17.00	18.10	1.05	0.52	34.95	19.72	1.23
300.00	21.90	25.30	16.70	19.40	1.06	0.55	35.11	19.61	1.25
350.00	21.80	25.40	16.20	21.00	1.06	0.57	34.42	19.68	1.26
400.00	21.70	25.50	15.70	22.70	1.06	0.60	34.48	19.56	1.24
450.00	21.60	25.50	15.30	24.20	1.07	0.63	33.97	19.74	1.34
500.00	21.50	25.70	14.90	24.80	1.08	0.65	33.86	19.53	1.31
550.00	21.40	25.80	14.40	23.70	1.08	0.68	33.99	19.46	1.33
600.00	21.20	25.90	13.90	21.80	1.09	0.71	33.87	19.37	1.52
650.00	21.10	26.10	13.30	20.60	1.11	0.75	33.15	19.37	1.32
700.00	20.90	26.20	12.80	19.70	1.11	0.77	33.20	19.53	1.24
750.00	20.80	26.40	12.40	18.00	1.12	0.79	32.56	19.68	1.59
800.00	20.60	26.50	12.00	16.50	1.13	0.81	32.61	19.51	1.38
850.00	20.40	26.70	11.40	15.20	1.14	0.84	32.18	19.31	1.42
900.00	20.20	27.00	10.80	14.00	1.15	0.87	32.07	19.38	1.51
950.00	19.90	27.30	10.20	12.90	1.17	0.90	31.54	19.35	1.51
1000.00	19.50	27.60	9.50	11.90	1.20	0.93	30.68	19.19	1.58
1050.00	19.00	28.10	8.70	10.90	1.23	0.97	30.61	18.99	1.70
1100.00	18.40	28.60	7.70	9.90	1.27	1.01	30.04	18.57	1.68
1150.00	17.60	29.40	6.70	9.10	1.35	1.06	29.77	18.00	1.77
1200.00	16.60	30.40	5.70	8.40	1.48	1.12	28.66	17.27	1.90

## 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 = 5.00V, Id = 144.4664mA @ 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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	24.70	29.20	10.90	11.50	1.08	0.58	38.96	21.07	3.20
3.00	25.00	28.80	14.00	23.40	1.07	0.61	38.59	21.01	1.99
5.00	24.90	28.60	14.50	38.30	1.06	0.60	38.48	21.35	1.84
7.00	24.80	28.30	14.70	32.50	1.05	0.59	38.40	21.30	1.75
9.00	24.70	28.10	14.80	26.40	1.04	0.58	38.66	21.27	1.61
10.00	24.70	27.90	14.90	24.80	1.04	0.57	38.77	21.25	1.23
20.00	24.10	26.90	15.40	18.50	1.01	0.51	38.45	21.92	1.09
30.00	23.60	26.40	15.70	16.70	1.01	0.48	38.86	22.99	1.06
40.00	23.40	26.10	15.90	16.00	1.02	0.46	39.06	23.59	1.02
50.00	23.20	25.90	16.00	15.70	1.02	0.45	38.99	23.83	1.04
60.00	23.10	25.90	16.10	15.50	1.03	0.44	43.51	23.73	0.99
70.00	23.10	25.80	16.20	15.50	1.03	0.44	43.07	23.74	0.94
80.00	23.00	25.80	16.20	15.40	1.03	0.44	41.50	23.85	0.96
90.00	23.00	25.70	16.30	15.40	1.03	0.44	41.58	23.87	0.96
100.00	23.00	25.70	16.40	15.40	1.03	0.43	42.17	23.73	0.93
150.00	22.90	25.70	16.40	15.60	1.04	0.44	40.28	23.98	0.96
200.00	22.80	25.70	16.50	16.00	1.04	0.45	39.52	24.02	0.95
250.00	22.80	25.70	16.60	16.50	1.05	0.47	40.65	24.25	0.91
300.00	22.80	25.80	16.70	17.20	1.05	0.48	40.01	24.11	0.98
350.00	22.70	25.80	16.80	18.10	1.05	0.50	40.06	24.19	0.94
400.00	22.70	25.90	16.90	19.20	1.06	0.52	38.94	24.08	0.95
450.00	22.60	26.00	16.90	20.60	1.06	0.54	38.97	24.31	1.05
500.00	22.50	26.00	17.00	22.40	1.07	0.56	38.42	24.07	1.01
550.00	22.40	26.10	16.90	24.50	1.08	0.59	38.25	23.98	1.06
600.00	22.30	26.30	16.80	26.30	1.09	0.62	38.23	23.85	1.32
650.00	22.20	26.50	16.40	26.60	1.10	0.65	37.84	23.86	1.06
700.00	22.10	26.50	15.90	29.30	1.11	0.67	37.69	24.13	1.08
750.00	22.00	26.60	15.70	27.20	1.11	0.68	37.45	24.39	1.11
800.00	21.90	26.80	15.40	23.50	1.12	0.71	37.88	24.16	1.07
850.00	21.80	26.90	14.90	20.70	1.13	0.74	37.62	23.93	1.09
900.00	21.60	27.20	14.20	18.40	1.15	0.77	37.89	24.06	1.20
950.00	21.30	27.40	13.50	16.40	1.17	0.80	37.21	24.12	1.18
1000.00	21.00	27.80	12.60	14.60	1.20	0.83	36.64	24.19	1.22
1050.00	20.60	28.20	11.50	12.90	1.23	0.87	36.78	24.03	1.30
1100.00	20.00	28.90	10.30	11.30	1.29	0.92	36.53	23.73	1.27
1150.00	19.20	29.80	8.80	9.90	1.39	0.98	36.33	23.16	1.38
1200.00	17.90	31.10	7.30	8.70	1.59	1.04	35.47	22.51	1.43

## 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 = 4.75V, Id = 135.537mA @ 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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	24.60	29.20	10.80	11.50	1.08	0.59	38.50	20.34	--
3.00	24.90	28.80	13.80	23.40	1.07	0.61	38.02	20.59	--
5.00	24.90	28.60	14.30	37.90	1.06	0.61	37.98	20.61	--
7.00	24.80	28.30	14.50	32.70	1.05	0.60	38.06	20.59	--
9.00	24.70	28.10	14.70	26.60	1.04	0.59	38.17	20.84	--
10.00	24.60	27.90	14.70	24.90	1.04	0.58	38.29	20.82	1.10
20.00	24.00	26.90	15.30	18.60	1.01	0.52	36.63	21.35	1.07
30.00	23.60	26.30	15.70	16.80	1.01	0.48	38.31	22.54	1.08
40.00	23.30	26.10	16.00	16.10	1.02	0.46	39.57	23.12	1.01
50.00	23.20	25.90	16.10	15.80	1.02	0.45	40.85	23.38	1.03
60.00	23.10	25.80	16.20	15.60	1.03	0.44	41.07	23.28	0.97
70.00	23.00	25.80	16.30	15.50	1.03	0.44	40.63	23.29	0.93
80.00	23.00	25.70	16.40	15.50	1.03	0.44	41.18	23.39	0.93
90.00	23.00	25.70	16.40	15.50	1.03	0.44	40.45	23.42	0.96
100.00	22.90	25.70	16.50	15.50	1.03	0.44	40.71	23.28	0.91
150.00	22.90	25.70	16.50	15.60	1.04	0.44	40.89	23.53	0.94
200.00	22.80	25.70	16.60	16.10	1.04	0.46	39.33	23.57	0.90
250.00	22.80	25.70	16.70	16.60	1.05	0.47	39.71	23.79	0.92
300.00	22.70	25.80	16.80	17.30	1.05	0.49	39.97	23.64	0.92
350.00	22.60	25.80	16.80	18.20	1.05	0.51	38.91	23.73	0.92
400.00	22.60	25.90	16.80	19.20	1.06	0.52	38.71	23.61	0.95
450.00	22.50	25.90	16.90	20.60	1.06	0.55	38.26	23.83	1.04
500.00	22.50	26.00	16.90	22.40	1.07	0.57	38.16	23.59	1.00
550.00	22.40	26.10	16.80	24.20	1.08	0.59	37.87	23.50	1.06
600.00	22.30	26.20	16.60	25.50	1.08	0.62	37.92	23.36	1.34
650.00	22.10	26.40	16.20	25.40	1.10	0.66	36.91	23.38	1.05
700.00	22.00	26.50	15.60	27.30	1.10	0.68	37.52	23.63	1.09
750.00	22.00	26.60	15.40	25.50	1.11	0.69	37.27	23.90	1.20
800.00	21.80	26.70	15.10	22.50	1.12	0.71	37.14	23.66	1.06
850.00	21.70	26.90	14.60	20.00	1.13	0.74	36.77	23.43	1.08
900.00	21.50	27.10	14.00	17.90	1.15	0.77	37.29	23.56	1.21
950.00	21.20	27.40	13.20	16.00	1.17	0.81	36.83	23.64	1.17
1000.00	20.90	27.70	12.40	14.30	1.19	0.84	35.90	23.72	1.18
1050.00	20.50	28.20	11.30	12.70	1.23	0.88	35.97	23.54	1.30
1100.00	19.90	28.80	10.10	11.20	1.28	0.93	35.82	23.25	1.26
1150.00	19.00	29.70	8.60	9.70	1.38	0.98	35.62	22.68	1.37
1200.00	17.80	31.00	7.20	8.60	1.57	1.04	34.70	22.02	1.43

## 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 = 5.25V, Id = 153.2983mA @ 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)
1.00	24.70	29.20	11.00	11.50	1.08	0.57	39.22	21.47	--
3.00	25.00	28.80	14.10	23.40	1.07	0.60	39.13	21.72	--
5.00	25.00	28.60	14.60	38.70	1.06	0.59	38.88	21.76	--
7.00	24.90	28.30	14.80	32.40	1.05	0.59	38.86	21.73	--
9.00	24.80	28.10	14.90	26.30	1.04	0.57	39.20	21.98	--
10.00	24.70	28.00	15.00	24.70	1.03	0.57	39.29	21.94	1.10
20.00	24.10	26.90	15.40	18.40	1.01	0.51	39.32	22.44	1.10
30.00	23.70	26.40	15.70	16.70	1.01	0.47	39.66	23.39	1.07
40.00	23.40	26.10	15.80	16.00	1.02	0.46	39.56	24.04	1.00
50.00	23.30	26.00	15.90	15.70	1.02	0.44	45.27	24.25	1.05
60.00	23.20	25.90	16.00	15.50	1.03	0.44	40.24	24.15	1.00
70.00	23.10	25.80	16.10	15.40	1.03	0.44	42.36	24.14	0.92
80.00	23.10	25.80	16.10	15.40	1.03	0.43	41.99	24.28	0.96
90.00	23.00	25.80	16.20	15.40	1.03	0.43	41.72	24.30	0.98
100.00	23.00	25.80	16.30	15.30	1.03	0.43	41.46	24.15	0.91
150.00	22.90	25.70	16.30	15.50	1.04	0.44	40.87	24.41	0.94
200.00	22.90	25.80	16.40	15.90	1.04	0.45	40.68	24.45	0.91
250.00	22.80	25.80	16.50	16.40	1.04	0.46	41.44	24.68	0.94
300.00	22.80	25.80	16.70	17.20	1.05	0.48	41.05	24.54	0.98
350.00	22.70	25.90	16.70	18.00	1.05	0.50	41.26	24.63	0.95
400.00	22.70	25.90	16.90	19.10	1.06	0.52	39.21	24.52	0.97
450.00	22.60	26.00	17.00	20.50	1.06	0.54	40.22	24.75	1.05
500.00	22.60	26.10	17.00	22.40	1.07	0.56	38.46	24.52	1.02
550.00	22.50	26.20	17.00	24.80	1.08	0.58	39.37	24.44	1.04
600.00	22.40	26.30	17.00	27.10	1.09	0.61	39.48	24.31	1.42
650.00	22.20	26.50	16.60	27.90	1.10	0.65	38.50	24.33	1.02
700.00	22.20	26.60	16.10	31.70	1.11	0.66	38.69	24.59	1.14
750.00	22.10	26.60	15.90	28.90	1.11	0.68	38.26	24.86	1.18
800.00	22.00	26.80	15.60	24.40	1.12	0.70	38.54	24.63	1.05
850.00	21.80	27.00	15.10	21.20	1.14	0.73	37.97	24.40	1.08
900.00	21.60	27.20	14.40	18.70	1.15	0.76	38.61	24.54	1.21
950.00	21.40	27.50	13.70	16.60	1.17	0.79	38.05	24.59	1.16
1000.00	21.10	27.80	12.80	14.80	1.20	0.83	37.40	24.64	1.22
1050.00	20.70	28.30	11.70	13.10	1.24	0.87	37.53	24.48	1.30
1100.00	20.10	28.90	10.40	11.50	1.30	0.92	37.55	24.18	1.28
1150.00	19.20	29.80	9.00	10.00	1.41	0.97	37.47	23.63	1.39
1200.00	18.00	31.20	7.50	8.90	1.61	1.03	36.65	22.96	1.45

## 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 = 5.00V, Id = 144.1652mA @ Temperature = -45°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)
1.00	24.60	29.00	10.60	11.10	1.07	0.55	36.88	20.82	--
3.00	24.90	28.50	13.90	22.30	1.07	0.58	37.96	21.07	--
5.00	24.90	28.30	14.40	31.70	1.06	0.57	38.41	21.13	--
7.00	24.80	28.10	14.70	32.50	1.04	0.56	38.72	21.09	--
9.00	24.70	27.80	14.80	27.50	1.03	0.55	38.93	21.18	--
10.00	24.60	27.70	14.90	25.90	1.03	0.55	38.98	21.15	1.09
20.00	24.00	26.70	15.70	19.50	1.01	0.50	38.38	21.78	0.88
30.00	23.60	26.20	16.10	17.80	1.01	0.47	38.03	23.14	0.84
40.00	23.30	25.90	16.50	17.20	1.02	0.45	39.05	23.84	0.78
50.00	23.20	25.70	16.80	16.90	1.02	0.44	45.16	24.08	0.82
60.00	23.10	25.70	17.00	16.90	1.03	0.43	40.47	23.95	0.77
70.00	23.00	25.60	17.20	16.90	1.03	0.43	43.76	23.93	0.70
80.00	23.00	25.60	17.30	16.90	1.03	0.43	43.49	24.07	0.71
90.00	23.00	25.50	17.50	17.00	1.03	0.43	43.65	24.09	0.74
100.00	22.90	25.50	17.70	17.10	1.03	0.43	44.09	23.92	0.69
150.00	22.90	25.50	17.90	17.50	1.04	0.43	43.44	24.19	0.73
200.00	22.80	25.50	17.90	17.80	1.04	0.44	41.97	24.22	0.68
250.00	22.80	25.50	17.70	17.80	1.04	0.45	42.22	24.48	0.68
300.00	22.70	25.60	17.60	18.10	1.05	0.46	42.42	24.31	0.74
350.00	22.70	25.60	17.60	18.70	1.05	0.48	42.19	24.39	0.72
400.00	22.70	25.70	17.70	19.90	1.05	0.49	40.81	24.27	0.73
450.00	22.60	25.70	17.90	21.50	1.06	0.51	42.73	24.53	0.74
500.00	22.60	25.80	18.00	23.90	1.06	0.53	40.23	24.28	0.81
550.00	22.50	25.90	18.20	27.30	1.07	0.55	40.37	24.19	0.82
600.00	22.40	26.00	18.30	33.50	1.08	0.58	41.27	24.05	1.05
650.00	22.30	26.20	18.30	37.50	1.09	0.61	39.86	24.05	0.78
700.00	22.20	26.30	17.50	40.40	1.10	0.64	41.01	24.36	0.74
750.00	22.20	26.40	17.50	28.50	1.10	0.64	40.49	24.68	0.87
800.00	22.10	26.50	17.30	23.90	1.11	0.66	41.06	24.42	0.79
850.00	22.00	26.70	16.80	20.90	1.12	0.68	41.08	24.19	0.77
900.00	21.80	26.90	16.10	18.60	1.13	0.71	42.10	24.36	0.95
950.00	21.60	27.10	15.20	16.70	1.15	0.74	40.65	24.49	0.87
1000.00	21.40	27.50	14.20	15.00	1.17	0.77	40.38	24.67	0.90
1050.00	21.00	27.90	12.90	13.40	1.20	0.81	40.92	24.51	0.99
1100.00	20.60	28.40	11.60	11.90	1.25	0.86	41.00	24.25	0.95
1150.00	19.90	29.20	10.10	10.30	1.33	0.91	41.72	23.70	1.05
1200.00	18.70	30.40	8.40	8.80	1.49	0.97	40.89	23.11	1.10

## 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 = 4.75V, Id = 135.3563mA @ Temperature = -45°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	24.50	29.00	10.60	11.10	1.07	0.56	36.21	20.40	--
3.00	24.80	28.50	13.70	22.30	1.07	0.59	36.99	20.49	--
5.00	24.80	28.30	14.20	31.70	1.06	0.58	37.38	20.55	--
7.00	24.70	28.00	14.50	32.80	1.05	0.57	37.65	20.51	--
9.00	24.60	27.80	14.70	27.70	1.04	0.56	37.90	20.78	--
10.00	24.50	27.70	14.80	26.00	1.03	0.56	38.11	20.74	1.01
20.00	23.90	26.70	15.60	19.60	1.01	0.50	39.82	21.21	0.85
30.00	23.50	26.10	16.10	17.90	1.01	0.47	38.40	22.68	0.82
40.00	23.30	25.90	16.60	17.30	1.02	0.45	41.88	23.34	0.76
50.00	23.10	25.70	16.90	17.00	1.02	0.44	42.06	23.62	0.78
60.00	23.00	25.60	17.10	17.00	1.03	0.44	42.59	23.49	0.72
70.00	23.00	25.60	17.30	17.00	1.03	0.43	41.54	23.49	0.71
80.00	22.90	25.50	17.50	17.00	1.03	0.43	42.70	23.60	0.72
90.00	22.90	25.50	17.60	17.10	1.03	0.43	40.87	23.63	0.73
100.00	22.90	25.50	17.80	17.20	1.03	0.43	41.46	23.46	0.68
150.00	22.80	25.50	18.00	17.70	1.04	0.43	42.09	23.73	0.69
200.00	22.80	25.50	18.10	17.90	1.04	0.44	41.48	23.76	0.70
250.00	22.70	25.50	17.90	17.90	1.04	0.45	41.24	24.00	0.70
300.00	22.70	25.50	17.70	18.20	1.05	0.46	40.45	23.83	0.73
350.00	22.60	25.60	17.70	18.90	1.05	0.48	40.48	23.92	0.71
400.00	22.60	25.60	17.80	20.10	1.05	0.50	40.07	23.79	0.71
450.00	22.60	25.70	17.90	21.70	1.06	0.51	39.44	24.04	0.74
500.00	22.50	25.80	18.00	24.10	1.06	0.53	38.30	23.79	0.75
550.00	22.40	25.90	18.20	27.60	1.07	0.56	39.58	23.70	0.81
600.00	22.40	26.00	18.20	33.00	1.08	0.58	39.26	23.56	1.02
650.00	22.20	26.20	18.10	33.70	1.09	0.61	38.11	23.54	0.77
700.00	22.10	26.30	17.30	35.80	1.10	0.64	38.38	23.84	0.81
750.00	22.10	26.30	17.30	28.10	1.10	0.64	38.78	24.15	0.93
800.00	22.00	26.50	17.10	23.60	1.11	0.66	38.31	23.91	0.76
850.00	21.90	26.60	16.60	20.70	1.12	0.68	38.04	23.67	0.79
900.00	21.80	26.90	15.90	18.50	1.13	0.71	38.85	23.83	0.90
950.00	21.60	27.10	15.00	16.60	1.15	0.74	38.24	23.95	0.86
1000.00	21.30	27.40	14.00	15.00	1.17	0.78	37.56	24.13	0.91
1050.00	21.00	27.80	12.80	13.40	1.20	0.81	38.09	23.96	0.95
1100.00	20.50	28.30	11.50	11.80	1.24	0.86	38.29	23.68	0.95
1150.00	19.80	29.10	10.00	10.30	1.32	0.91	37.97	23.14	1.02
1200.00	18.70	30.40	8.30	8.80	1.47	0.97	37.86	22.51	1.05



## 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 = 5.25V, Id = 153.272mA @ Temperature = -45°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)
1.00	24.60	29.00	10.70	11.10	1.07	0.54	37.52	21.38	--
3.00	25.00	28.50	14.00	22.30	1.06	0.57	39.07	21.49	--
5.00	24.90	28.30	14.50	31.80	1.05	0.57	39.58	21.54	--
7.00	24.80	28.10	14.80	32.40	1.04	0.56	39.65	21.63	--
9.00	24.70	27.80	15.00	27.40	1.03	0.55	40.16	21.74	--
10.00	24.70	27.70	15.00	25.70	1.03	0.54	40.28	21.72	1.13
20.00	24.00	26.70	15.70	19.40	1.01	0.49	40.35	22.33	0.92
30.00	23.60	26.20	16.10	17.70	1.01	0.46	40.53	23.56	0.84
40.00	23.40	25.90	16.40	17.10	1.02	0.45	41.56	24.32	0.79
50.00	23.20	25.80	16.70	16.80	1.02	0.44	42.91	24.52	0.79
60.00	23.10	25.70	16.90	16.80	1.02	0.43	43.82	24.38	0.75
70.00	23.10	25.60	17.10	16.80	1.03	0.43	42.66	24.34	0.69
80.00	23.00	25.60	17.20	16.80	1.03	0.43	42.52	24.52	0.72
90.00	23.00	25.60	17.30	16.90	1.03	0.43	43.72	24.52	0.74
100.00	23.00	25.60	17.50	17.00	1.03	0.43	44.38	24.36	0.69
150.00	22.90	25.50	17.70	17.40	1.04	0.43	43.50	24.63	0.71
200.00	22.90	25.50	17.80	17.60	1.04	0.44	43.16	24.67	0.70
250.00	22.80	25.60	17.60	17.70	1.04	0.45	44.98	24.93	0.69
300.00	22.80	25.60	17.50	18.00	1.05	0.46	43.63	24.76	0.74
350.00	22.70	25.70	17.50	18.60	1.05	0.47	45.42	24.84	0.71
400.00	22.70	25.70	17.60	19.70	1.05	0.49	42.72	24.72	0.71
450.00	22.70	25.80	17.80	21.30	1.06	0.51	43.56	24.99	0.76
500.00	22.60	25.80	18.00	23.60	1.06	0.53	42.98	24.75	0.75
550.00	22.50	25.90	18.20	26.90	1.07	0.55	42.28	24.66	0.83
600.00	22.50	26.00	18.40	33.00	1.08	0.57	43.73	24.52	1.02
650.00	22.30	26.20	18.40	41.20	1.09	0.61	42.20	24.54	0.75
700.00	22.20	26.40	17.50	44.20	1.10	0.63	43.50	24.85	0.87
750.00	22.20	26.40	17.60	28.70	1.10	0.63	44.15	25.17	0.85
800.00	22.10	26.50	17.40	24.00	1.11	0.65	42.70	24.92	0.80
850.00	22.00	26.70	16.90	21.00	1.12	0.68	43.88	24.70	0.78
900.00	21.90	26.90	16.20	18.70	1.13	0.71	45.37	24.87	0.93
950.00	21.70	27.20	15.30	16.70	1.15	0.74	45.00	25.00	0.85
1000.00	21.40	27.50	14.30	15.10	1.17	0.77	43.01	25.19	0.94
1050.00	21.10	27.90	13.00	13.50	1.21	0.81	43.19	25.03	0.99
1100.00	20.60	28.40	11.70	11.90	1.25	0.85	45.43	24.78	0.96
1150.00	19.90	29.30	10.10	10.30	1.34	0.91	47.30	24.23	1.03
1200.00	18.70	30.50	8.50	8.90	1.50	0.97	43.68	23.65	1.05

## 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 = 5.00V, Id = 140.0543mA @ Temperature = +105°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	24.40	29.20	10.90	11.70	1.09	0.60	38.00	20.33	--
3.00	24.70	28.70	13.70	23.50	1.08	0.63	36.88	20.29	--
5.00	24.70	28.50	14.20	37.50	1.07	0.63	36.74	20.63	--
7.00	24.60	28.30	14.40	34.60	1.06	0.61	36.78	20.59	--
9.00	24.50	28.00	14.50	27.60	1.05	0.60	36.82	20.56	--
10.00	24.40	27.90	14.60	25.80	1.04	0.60	36.93	20.83	1.30
20.00	23.80	26.80	15.30	19.20	1.02	0.54	37.06	21.18	1.33
30.00	23.40	26.30	15.70	17.40	1.02	0.50	37.48	22.22	1.32
40.00	23.20	26.00	16.00	16.60	1.02	0.48	38.05	22.77	1.29
50.00	23.00	25.90	16.10	16.20	1.03	0.47	38.02	23.08	1.32
60.00	22.90	25.80	16.20	15.90	1.03	0.46	39.71	23.09	1.25
70.00	22.90	25.70	16.20	15.80	1.03	0.46	38.96	23.16	1.21
80.00	22.80	25.70	16.20	15.60	1.04	0.46	39.94	23.25	1.25
90.00	22.80	25.70	16.10	15.50	1.04	0.46	39.10	23.30	1.27
100.00	22.80	25.70	16.20	15.40	1.04	0.45	39.54	23.20	1.24
150.00	22.70	25.70	15.80	15.20	1.04	0.46	39.75	23.41	1.26
200.00	22.60	25.70	15.90	15.60	1.05	0.47	39.12	23.46	1.22
250.00	22.60	25.70	16.10	16.30	1.05	0.49	39.46	23.61	1.24
300.00	22.50	25.80	16.30	17.50	1.06	0.51	38.80	23.54	1.31
350.00	22.40	25.80	16.40	18.90	1.06	0.53	38.66	23.64	1.32
400.00	22.40	25.90	16.50	20.60	1.07	0.55	38.99	23.54	1.31
450.00	22.30	25.90	16.60	22.60	1.07	0.58	38.48	23.73	1.37
500.00	22.20	26.00	16.50	25.10	1.08	0.60	38.51	23.53	1.35
550.00	22.10	26.10	16.50	27.60	1.09	0.62	38.93	23.49	1.39
600.00	22.00	26.30	16.20	28.30	1.10	0.65	38.71	23.40	1.62
650.00	21.90	26.50	15.70	27.60	1.11	0.69	38.20	23.37	1.39
700.00	21.80	26.60	15.30	26.70	1.12	0.70	38.21	23.54	1.35
750.00	21.70	26.70	15.00	23.40	1.13	0.72	37.65	23.67	1.54
800.00	21.50	26.80	14.60	20.60	1.14	0.74	38.02	23.53	1.45
850.00	21.40	27.10	14.00	18.40	1.16	0.77	37.56	23.27	1.45
900.00	21.10	27.30	13.30	16.60	1.18	0.80	38.11	23.35	1.60
950.00	20.90	27.60	12.60	15.10	1.20	0.83	37.28	23.27	1.53
1000.00	20.50	28.00	11.70	13.70	1.23	0.87	36.32	23.06	1.63
1050.00	20.10	28.50	10.70	12.40	1.27	0.91	36.34	22.89	1.70
1100.00	19.50	29.10	9.50	11.20	1.34	0.96	36.01	22.48	1.74
1150.00	18.70	29.90	8.30	10.10	1.45	1.01	35.75	22.00	1.83
1200.00	17.60	31.00	7.00	9.40	1.63	1.07	34.71	21.27	1.94

## 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 = 4.75V, Id = 132.2049mA @ Temperature = +105°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	24.40	29.20	10.80	11.70	1.09	0.61	37.58	19.78	--
3.00	24.60	28.70	13.50	23.40	1.08	0.64	36.55	19.74	--
5.00	24.60	28.50	14.00	37.20	1.07	0.63	36.35	20.10	--
7.00	24.50	28.30	14.20	34.90	1.06	0.62	36.51	20.06	--
9.00	24.40	28.00	14.40	27.80	1.05	0.61	36.63	20.02	--
10.00	24.40	27.90	14.50	26.00	1.04	0.60	36.70	20.30	1.26
20.00	23.80	26.80	15.30	19.30	1.02	0.54	36.31	20.69	1.32
30.00	23.40	26.30	15.80	17.50	1.02	0.50	38.59	21.80	1.30
40.00	23.10	26.00	16.10	16.70	1.02	0.48	39.52	22.36	1.25
50.00	23.00	25.80	16.20	16.30	1.03	0.47	38.22	22.68	1.30
60.00	22.90	25.70	16.30	16.00	1.03	0.46	38.48	22.67	1.23
70.00	22.80	25.70	16.40	15.80	1.03	0.46	39.51	22.74	1.20
80.00	22.80	25.70	16.30	15.70	1.04	0.46	39.86	22.83	1.23
90.00	22.70	25.60	16.30	15.60	1.04	0.46	39.14	22.88	1.26
100.00	22.70	25.60	16.30	15.50	1.04	0.46	39.36	22.77	1.21
150.00	22.60	25.60	16.00	15.30	1.04	0.46	39.40	22.99	1.26
200.00	22.60	25.60	16.00	15.70	1.05	0.48	38.74	23.03	1.23
250.00	22.50	25.70	16.20	16.40	1.05	0.49	38.89	23.19	1.25
300.00	22.50	25.70	16.40	17.60	1.06	0.51	38.60	23.11	1.30
350.00	22.40	25.80	16.50	19.00	1.06	0.54	38.29	23.20	1.32
400.00	22.30	25.80	16.50	20.60	1.06	0.56	38.14	23.11	1.28
450.00	22.30	25.90	16.50	22.60	1.07	0.58	38.66	23.30	1.37
500.00	22.20	26.00	16.40	25.00	1.08	0.60	38.34	23.09	1.35
550.00	22.10	26.10	16.30	27.00	1.09	0.63	37.76	23.05	1.40
600.00	21.90	26.30	16.00	27.00	1.10	0.66	38.32	22.95	1.59
650.00	21.80	26.40	15.50	26.10	1.11	0.69	37.78	22.93	1.37
700.00	21.70	26.50	15.10	25.40	1.12	0.71	37.49	23.12	1.39
750.00	21.60	26.60	14.80	22.60	1.13	0.73	37.46	23.26	1.49
800.00	21.50	26.80	14.30	20.10	1.14	0.75	37.63	23.10	1.40
850.00	21.30	27.00	13.70	18.10	1.15	0.78	37.11	22.86	1.45
900.00	21.10	27.30	13.10	16.40	1.17	0.81	37.22	22.94	1.59
950.00	20.80	27.60	12.30	14.90	1.20	0.84	36.68	22.88	1.56
1000.00	20.50	27.90	11.50	13.50	1.23	0.87	35.92	22.71	1.62
1050.00	20.00	28.40	10.50	12.20	1.27	0.91	35.74	22.53	1.70
1100.00	19.40	29.00	9.30	11.10	1.33	0.96	35.24	22.13	1.71
1150.00	18.60	29.90	8.10	10.00	1.44	1.02	35.03	21.63	1.81
1200.00	17.60	31.00	6.90	9.30	1.61	1.08	33.93	20.92	1.90

## 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 = 5.25V, Id = 147.7153mA @ Temperature = +105°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)	K	Measure	(dBm)	(dBm)	(dB)
1.00	24.50	29.20	11.00	11.70	1.09	0.60	38.56	20.84	--
3.00	24.70	28.80	13.90	23.50	1.08	0.63	37.13	20.83	--
5.00	24.70	28.50	14.30	37.70	1.07	0.62	36.83	21.18	--
7.00	24.60	28.30	14.60	34.40	1.06	0.61	37.02	21.12	--
9.00	24.50	28.10	14.70	27.50	1.05	0.60	37.06	21.08	--
10.00	24.50	27.90	14.80	25.70	1.04	0.59	37.14	21.36	1.32
20.00	23.90	26.90	15.40	19.20	1.02	0.53	36.83	21.65	1.38
30.00	23.50	26.30	15.70	17.30	1.02	0.50	38.23	22.63	1.35
40.00	23.20	26.00	15.90	16.60	1.02	0.48	37.94	23.19	1.29
50.00	23.10	25.90	16.00	16.20	1.03	0.47	38.29	23.48	1.34
60.00	23.00	25.80	16.00	15.90	1.03	0.46	39.28	23.49	1.28
70.00	22.90	25.80	16.10	15.70	1.03	0.46	40.82	23.56	1.22
80.00	22.90	25.70	16.00	15.60	1.04	0.46	39.90	23.67	1.25
90.00	22.80	25.70	16.00	15.50	1.04	0.45	40.04	23.71	1.29
100.00	22.80	25.70	16.00	15.40	1.04	0.45	40.35	23.61	1.24
150.00	22.70	25.70	15.70	15.20	1.04	0.46	40.13	23.83	1.27
200.00	22.60	25.70	15.70	15.50	1.05	0.47	39.70	23.88	1.27
250.00	22.60	25.70	16.00	16.30	1.05	0.49	39.52	24.02	1.29
300.00	22.50	25.80	16.20	17.40	1.06	0.51	39.72	23.96	1.32
350.00	22.50	25.80	16.40	18.80	1.06	0.53	38.88	24.05	1.31
400.00	22.40	25.90	16.50	20.50	1.07	0.55	39.30	23.97	1.30
450.00	22.40	26.00	16.60	22.60	1.07	0.57	39.09	24.14	1.39
500.00	22.30	26.10	16.60	25.20	1.08	0.60	39.03	23.95	1.41
550.00	22.20	26.20	16.60	28.30	1.09	0.62	38.97	23.92	1.42
600.00	22.10	26.30	16.40	29.70	1.10	0.65	39.13	23.84	1.61
650.00	21.90	26.50	15.90	29.20	1.12	0.68	38.21	23.79	1.40
700.00	21.80	26.60	15.50	28.00	1.12	0.70	38.82	23.97	1.37
750.00	21.70	26.70	15.20	24.00	1.13	0.72	38.44	24.07	1.57
800.00	21.60	26.90	14.80	21.00	1.14	0.74	38.75	23.95	1.46
850.00	21.40	27.10	14.20	18.70	1.16	0.77	38.10	23.69	1.49
900.00	21.20	27.40	13.50	16.80	1.18	0.80	38.28	23.76	1.60
950.00	20.90	27.70	12.80	15.20	1.20	0.83	37.94	23.65	1.59
1000.00	20.60	28.00	11.90	13.80	1.24	0.86	37.01	23.40	1.66
1050.00	20.20	28.50	10.80	12.50	1.28	0.90	37.17	23.25	1.75
1100.00	19.60	29.10	9.70	11.30	1.35	0.95	36.71	22.83	1.73
1150.00	18.80	30.00	8.40	10.20	1.47	1.01	36.55	22.36	1.84
1200.00	17.70	31.10	7.10	9.60	1.66	1.07	35.43	21.61	1.95