

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 = 71.85mA @ 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	23.76	28.88	9.66	11.21	1.10	0.63	30.27	15.15	2.92
3.00	24.08	28.40	11.87	21.70	1.09	0.67	30.53	15.13	1.94
5.00	24.05	28.18	12.33	28.61	1.08	0.66	30.75	15.49	1.69
7.00	23.98	27.92	12.62	31.32	1.06	0.65	31.03	15.44	1.51
9.00	23.88	27.65	12.92	28.87	1.05	0.63	31.26	15.42	1.50
10.00	23.83	27.51	13.11	27.67	1.05	0.63	31.31	15.71	1.21
20.00	23.28	26.41	14.67	21.50	1.02	0.56	32.61	16.79	1.02
30.00	22.91	25.84	16.10	19.82	1.02	0.52	33.18	18.24	0.96
40.00	22.71	25.58	17.10	19.05	1.03	0.50	33.60	18.71	0.93
50.00	22.58	25.41	17.80	18.85	1.03	0.49	33.60	19.06	0.93
60.00	22.50	25.32	18.20	18.73	1.03	0.48	33.49	19.25	0.92
70.00	22.44	25.27	18.53	18.62	1.03	0.48	33.77	19.24	0.94
80.00	22.40	25.25	18.77	18.60	1.04	0.48	33.68	19.36	0.92
90.00	22.37	25.22	18.89	18.57	1.04	0.48	33.79	19.35	0.91
100.00	22.34	25.21	18.93	18.72	1.04	0.48	34.06	19.33	0.93
150.00	22.25	25.20	18.84	19.26	1.04	0.49	33.21	19.48	0.92
200.00	22.17	25.24	18.32	20.10	1.04	0.51	33.39	19.48	0.91
250.00	22.08	25.29	17.71	20.88	1.05	0.54	32.95	19.51	0.91
300.00	21.98	25.36	17.03	21.78	1.05	0.56	33.34	19.60	0.95
350.00	21.86	25.46	16.34	22.07	1.05	0.59	32.68	19.54	0.91
400.00	21.72	25.57	15.74	21.30	1.06	0.62	32.66	19.58	0.94
450.00	21.57	25.71	14.99	19.66	1.06	0.66	32.23	19.57	0.94
500.00	21.35	25.89	14.32	17.71	1.07	0.69	31.53	19.42	0.97
550.00	21.00	26.23	13.28	15.54	1.09	0.75	31.54	19.33	0.95
600.00	20.53	26.47	11.98	15.52	1.13	0.83	31.03	19.46	1.01
650.00	20.73	26.48	11.81	15.97	1.11	0.80	31.00	19.49	1.04
700.00	20.65	26.54	11.76	14.12	1.11	0.80	30.94	19.39	1.01
750.00	20.43	26.76	11.44	12.56	1.12	0.81	30.52	19.59	1.09
800.00	20.15	27.02	11.00	11.30	1.13	0.82	30.32	19.38	1.05
850.00	19.81	27.36	10.46	10.19	1.15	0.84	29.75	19.14	1.11
900.00	19.36	27.82	9.82	9.18	1.19	0.86	29.04	19.15	1.07
950.00	18.73	28.45	8.98	8.25	1.25	0.89	28.40	18.42	1.17
1000.00	17.80	29.41	7.89	7.42	1.35	0.93	27.21	17.73	1.13
1050.00	16.40	30.85	6.58	6.97	1.58	1.00	25.85	16.56	1.18
1100.00	15.30	31.85	5.41	7.56	1.82	1.11	25.31	16.14	1.24
1150.00	16.16	30.75	4.97	10.02	1.62	1.20	26.79	16.69	1.35
1200.00	17.25	29.56	5.08	13.51	1.40	1.23	28.28	17.94	1.37

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 = 5.00V, Id = 140.16mA @ 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	24.61	29.24	10.61	11.48	1.08	0.59	38.19	21.11	3.20
3.00	24.91	28.78	13.45	23.26	1.07	0.62	38.69	21.35	1.99
5.00	24.88	28.57	13.96	37.93	1.06	0.61	38.81	21.40	1.84
7.00	24.79	28.32	14.20	34.06	1.05	0.60	38.97	21.36	1.75
9.00	24.68	28.06	14.41	27.17	1.04	0.59	39.14	21.61	1.61
10.00	24.62	27.93	14.56	25.53	1.04	0.58	39.26	21.60	1.23
20.00	24.02	26.89	15.35	19.03	1.01	0.52	38.97	22.99	1.03
30.00	23.62	26.35	16.04	17.40	1.01	0.48	41.06	23.81	1.01
40.00	23.40	26.10	16.44	16.68	1.02	0.46	40.37	24.04	0.95
50.00	23.27	25.95	16.68	16.46	1.02	0.45	40.90	24.03	0.96
60.00	23.18	25.86	16.81	16.33	1.03	0.45	40.89	24.16	0.93
70.00	23.11	25.81	16.93	16.22	1.03	0.44	40.88	24.16	0.96
80.00	23.07	25.79	17.08	16.20	1.03	0.44	40.66	24.13	0.92
90.00	23.04	25.76	17.17	16.18	1.03	0.44	41.33	24.25	0.92
100.00	23.02	25.76	17.23	16.30	1.03	0.44	41.55	24.23	0.93
150.00	22.94	25.74	17.43	16.74	1.04	0.45	40.54	24.39	0.93
200.00	22.89	25.76	17.62	17.48	1.04	0.47	40.56	24.42	0.92
250.00	22.82	25.80	17.79	18.33	1.04	0.49	40.09	24.35	0.90
300.00	22.75	25.85	17.93	19.62	1.05	0.51	40.37	24.60	0.95
350.00	22.67	25.92	17.98	21.10	1.05	0.54	39.68	24.58	0.91
400.00	22.57	26.01	18.15	22.35	1.06	0.56	39.50	24.68	0.96
450.00	22.46	26.12	17.98	22.74	1.07	0.59	39.40	24.66	0.94
500.00	22.29	26.28	17.75	21.37	1.08	0.62	38.84	24.57	0.98
550.00	21.98	26.59	16.79	18.55	1.10	0.68	38.99	24.37	0.94
600.00	21.83	27.03	15.54	18.15	1.13	0.76	38.83	24.33	1.02
650.00	21.77	26.84	14.82	19.78	1.12	0.73	38.64	24.60	1.03
700.00	21.74	26.89	15.02	17.29	1.12	0.72	38.66	24.52	1.03
750.00	21.57	27.09	14.75	15.11	1.13	0.74	38.40	24.63	1.01
800.00	21.34	27.35	14.24	13.37	1.15	0.76	38.30	24.40	1.06
850.00	21.03	27.70	13.54	11.89	1.18	0.78	37.89	24.55	1.09
900.00	20.62	28.17	12.66	10.56	1.22	0.80	37.34	24.46	1.06
950.00	20.01	28.83	11.50	9.36	1.29	0.83	37.00	24.03	1.13
1000.00	19.07	29.87	10.01	8.30	1.43	0.88	35.89	23.73	1.12
1050.00	17.63	31.42	8.32	7.69	1.72	0.96	34.66	22.58	1.14
1100.00	16.47	32.57	6.87	8.22	2.06	1.05	34.23	22.08	1.24
1150.00	17.34	31.52	6.29	10.80	1.82	1.12	34.70	22.17	1.29
1200.00	18.52	30.29	6.35	15.29	1.54	1.15	35.66	23.01	1.33

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 = 2.70V, Id = 61.08mA @ 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	23.47	28.75	9.37	11.07	1.10	0.65	27.65	13.55	--
3.00	23.81	28.27	11.44	20.95	1.09	0.68	27.92	13.86	--
5.00	23.79	28.04	11.87	26.31	1.08	0.67	28.19	13.87	--
7.00	23.72	27.78	12.17	28.49	1.07	0.66	28.63	14.15	--
9.00	23.63	27.50	12.47	27.80	1.05	0.65	28.99	14.12	--
10.00	23.57	27.36	12.63	27.19	1.05	0.64	29.10	14.12	0.95
20.00	23.04	26.25	14.33	22.32	1.02	0.57	30.59	15.50	1.02
30.00	22.69	25.67	15.94	20.77	1.02	0.53	31.46	16.65	0.98
40.00	22.49	25.40	17.11	20.05	1.03	0.51	31.66	17.43	0.97
50.00	22.36	25.23	17.86	19.89	1.03	0.50	31.68	17.80	0.94
60.00	22.28	25.14	18.37	19.79	1.03	0.49	31.76	18.15	0.94
70.00	22.22	25.10	18.77	19.68	1.04	0.49	31.93	18.17	0.97
80.00	22.18	25.07	19.00	19.67	1.04	0.49	31.93	18.18	0.92
90.00	22.14	25.04	19.13	19.64	1.04	0.49	32.03	18.17	0.93
100.00	22.12	25.03	19.25	19.81	1.04	0.49	32.20	18.14	0.93
150.00	22.03	25.02	18.96	20.44	1.04	0.50	31.50	18.43	0.97
200.00	21.94	25.06	18.21	21.33	1.05	0.52	31.69	18.43	0.90
250.00	21.85	25.13	17.37	22.10	1.05	0.55	31.21	18.33	0.92
300.00	21.73	25.21	16.52	22.74	1.05	0.58	31.60	18.42	0.96
350.00	21.61	25.31	15.66	22.46	1.05	0.61	30.90	18.36	0.93
400.00	21.46	25.43	14.98	21.12	1.06	0.64	30.84	18.38	0.96
450.00	21.29	25.58	14.17	19.13	1.07	0.68	30.41	18.50	0.95
500.00	21.06	25.78	13.45	17.10	1.08	0.71	29.70	18.34	1.03
550.00	20.69	26.12	12.43	15.05	1.09	0.77	29.65	18.10	0.96
600.00	20.45	26.57	11.98	15.15	1.10	0.83	29.12	18.12	1.05
650.00	20.41	26.38	11.08	15.37	1.11	0.83	29.11	18.23	1.07
700.00	20.32	26.46	10.99	13.54	1.11	0.82	29.04	18.13	1.04
750.00	20.09	26.68	10.65	12.05	1.12	0.83	28.64	18.32	1.09
800.00	19.79	26.96	10.23	10.86	1.13	0.84	28.44	18.10	1.06
850.00	19.43	27.30	9.71	9.81	1.15	0.86	27.86	17.79	1.13
900.00	18.97	27.77	9.12	8.86	1.19	0.88	27.15	17.78	1.12
950.00	18.32	28.40	8.35	7.99	1.24	0.90	26.53	17.02	1.15
1000.00	17.37	29.37	7.36	7.22	1.35	0.94	25.33	16.32	1.18
1050.00	15.97	30.80	6.15	6.84	1.58	1.01	23.97	15.18	1.18
1100.00	14.88	31.77	5.07	7.50	1.82	1.12	23.43	14.73	1.29
1150.00	15.76	30.65	4.67	10.03	1.61	1.22	25.02	15.35	1.38
1200.00	16.84	29.46	4.79	13.47	1.39	1.26	26.54	16.63	1.40

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 = 148.77mA @ 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	24.66	29.25	10.67	11.48	1.08	0.58	38.68	21.64	--
3.00	24.97	28.80	13.57	23.30	1.07	0.61	39.26	21.90	--
5.00	24.93	28.58	14.09	38.27	1.06	0.60	39.36	21.96	--
7.00	24.84	28.34	14.33	33.80	1.05	0.59	39.55	21.91	--
9.00	24.74	28.08	14.54	27.00	1.04	0.58	39.74	22.04	--
10.00	24.67	27.95	14.63	25.39	1.04	0.58	39.82	22.13	1.02
20.00	24.07	26.92	15.39	18.93	1.01	0.52	40.03	23.52	1.04
30.00	23.67	26.39	15.99	17.31	1.01	0.48	41.13	24.18	0.98
40.00	23.45	26.13	16.45	16.59	1.02	0.46	39.98	24.41	0.95
50.00	23.31	25.98	16.63	16.38	1.02	0.45	41.45	24.51	0.95
60.00	23.22	25.89	16.75	16.24	1.03	0.44	41.18	24.52	0.94
70.00	23.16	25.85	16.82	16.14	1.03	0.44	41.79	24.51	0.95
80.00	23.12	25.82	16.97	16.12	1.03	0.44	41.53	24.63	0.94
90.00	23.08	25.80	17.05	16.11	1.03	0.44	42.13	24.61	0.90
100.00	23.06	25.79	17.11	16.21	1.03	0.44	43.05	24.60	0.92
150.00	22.99	25.77	17.35	16.66	1.04	0.45	41.27	24.75	0.98
200.00	22.93	25.78	17.53	17.41	1.04	0.47	41.16	24.90	0.90
250.00	22.87	25.83	17.72	18.27	1.04	0.49	40.89	24.83	0.87
300.00	22.80	25.88	17.90	19.60	1.05	0.51	41.13	25.09	0.90
350.00	22.72	25.95	18.04	21.17	1.05	0.53	40.22	24.96	0.91
400.00	22.63	26.04	18.24	22.61	1.06	0.56	40.27	25.32	0.94
450.00	22.52	26.15	18.15	23.26	1.07	0.59	40.15	25.04	0.90
500.00	22.35	26.31	17.99	21.95	1.08	0.62	39.46	24.95	1.02
550.00	22.05	26.61	17.04	18.98	1.10	0.67	39.67	24.90	0.95
600.00	22.00	27.06	14.75	18.57	1.14	0.76	39.67	25.30	1.02
650.00	21.84	26.87	15.04	20.33	1.12	0.72	39.44	25.26	1.01
700.00	21.81	26.92	15.26	17.66	1.12	0.72	39.48	25.06	1.04
750.00	21.65	27.12	14.99	15.36	1.13	0.73	39.21	25.30	1.05
800.00	21.41	27.38	14.47	13.56	1.15	0.75	39.13	24.95	1.05
850.00	21.11	27.74	13.75	12.03	1.18	0.77	38.75	25.10	1.08
900.00	20.69	28.21	12.84	10.67	1.22	0.80	38.23	24.85	1.09
950.00	20.08	28.88	11.66	9.44	1.30	0.83	37.91	24.55	1.10
1000.00	19.14	29.93	10.14	8.38	1.44	0.88	36.74	24.24	1.12
1050.00	17.69	31.51	8.43	7.77	1.74	0.96	35.58	22.78	1.12
1100.00	16.53	32.67	6.98	8.32	2.09	1.05	35.20	22.48	1.23
1150.00	17.39	31.62	6.40	10.96	1.85	1.12	35.63	22.83	1.32
1200.00	18.59	30.39	6.44	15.65	1.56	1.14	36.46	23.54	1.37

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 = 70.03mA @ 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	23.85	28.92	9.60	10.94	1.09	0.62	30.25	15.06	--
3.00	24.19	28.43	11.91	21.26	1.08	0.66	30.67	15.34	--
5.00	24.17	28.19	12.39	27.76	1.07	0.65	30.86	15.39	--
7.00	24.10	27.93	12.69	30.48	1.06	0.64	31.09	15.35	--
9.00	24.00	27.66	13.00	28.53	1.05	0.62	31.31	15.65	--
10.00	23.94	27.52	13.18	27.51	1.04	0.61	31.43	15.63	0.73
20.00	23.38	26.45	14.71	21.56	1.02	0.55	32.66	17.00	0.78
30.00	23.02	25.89	16.14	19.98	1.02	0.51	33.42	18.19	0.74
40.00	22.82	25.61	17.19	19.30	1.02	0.49	33.62	18.95	0.71
50.00	22.70	25.46	17.86	19.19	1.03	0.48	33.52	19.30	0.72
60.00	22.62	25.36	18.32	19.15	1.03	0.47	33.66	19.36	0.71
70.00	22.56	25.31	18.74	19.13	1.03	0.47	33.82	19.37	0.73
80.00	22.52	25.28	19.06	19.18	1.03	0.47	33.71	19.50	0.71
90.00	22.49	25.25	19.27	19.23	1.04	0.47	33.96	19.49	0.66
100.00	22.47	25.25	19.43	19.47	1.04	0.47	34.24	19.47	0.70
150.00	22.40	25.22	19.76	20.33	1.04	0.48	33.22	19.63	0.73
200.00	22.33	25.24	19.41	21.11	1.04	0.49	33.48	19.64	0.67
250.00	22.26	25.29	18.74	21.51	1.04	0.51	32.97	19.71	0.66
300.00	22.17	25.36	17.85	22.27	1.05	0.54	33.32	19.77	0.72
350.00	22.07	25.44	17.02	22.75	1.05	0.57	32.66	19.73	0.66
400.00	21.94	25.55	16.50	22.33	1.06	0.60	32.62	19.76	0.71
450.00	21.81	25.67	15.84	20.80	1.06	0.63	32.21	19.78	0.69
500.00	21.63	25.83	15.28	18.65	1.07	0.66	31.51	19.65	0.76
550.00	21.35	26.10	14.41	16.15	1.08	0.70	31.49	19.46	0.69
600.00	20.71	26.72	12.41	14.71	1.13	0.81	30.72	19.20	0.97
650.00	20.95	26.50	12.25	17.08	1.11	0.79	30.89	19.50	0.79
700.00	20.99	26.47	12.51	14.88	1.10	0.76	30.90	19.50	0.77
750.00	20.82	26.65	12.30	13.05	1.11	0.77	30.52	19.74	0.92
800.00	20.58	26.89	11.92	11.67	1.12	0.78	30.33	19.54	0.78
850.00	20.29	27.19	11.41	10.51	1.14	0.80	29.84	19.38	0.83
900.00	19.92	27.59	10.79	9.48	1.16	0.81	29.20	19.44	0.78
950.00	19.40	28.12	9.96	8.51	1.20	0.84	28.66	18.79	0.82
1000.00	18.62	28.95	8.86	7.54	1.28	0.87	27.59	18.25	0.80
1050.00	17.31	30.34	7.44	6.71	1.46	0.92	26.10	16.76	0.83
1100.00	15.40	32.32	5.84	6.49	1.86	1.02	24.33	15.57	0.91
1150.00	15.38	32.06	4.87	8.11	1.86	1.15	25.17	15.59	1.01
1200.00	17.18	30.09	4.90	12.10	1.47	1.21	27.66	17.50	0.99

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 = 141.11mA @ 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	24.70	29.14	10.51	11.15	1.07	0.56	37.90	21.14	--
3.00	25.03	28.67	13.52	22.40	1.07	0.59	38.83	21.12	--
5.00	25.00	28.45	14.08	32.24	1.06	0.58	39.09	21.48	--
7.00	24.91	28.21	14.35	33.00	1.04	0.57	39.27	21.42	--
9.00	24.80	27.96	14.57	27.55	1.03	0.56	39.49	21.54	--
10.00	24.73	27.83	14.65	26.03	1.03	0.55	39.66	21.51	0.85
20.00	24.11	26.83	15.50	19.62	1.01	0.50	40.28	22.91	0.81
30.00	23.71	26.31	16.21	18.05	1.01	0.47	41.33	23.97	0.76
40.00	23.49	26.06	16.74	17.39	1.02	0.45	41.95	24.23	0.72
50.00	23.36	25.91	17.00	17.25	1.02	0.44	42.39	24.32	0.74
60.00	23.27	25.82	17.24	17.18	1.02	0.43	42.15	24.33	0.71
70.00	23.21	25.77	17.42	17.14	1.03	0.43	42.01	24.33	0.73
80.00	23.17	25.75	17.70	17.20	1.03	0.43	42.63	24.44	0.71
90.00	23.14	25.72	17.80	17.25	1.03	0.43	42.10	24.42	0.67
100.00	23.12	25.71	17.96	17.43	1.03	0.43	42.54	24.41	0.70
150.00	23.06	25.68	18.62	18.23	1.04	0.44	41.06	24.59	0.70
200.00	23.02	25.69	18.89	19.03	1.04	0.45	41.13	24.74	0.69
250.00	22.96	25.73	18.85	19.62	1.04	0.46	40.91	24.67	0.66
300.00	22.90	25.79	18.66	20.81	1.05	0.48	40.89	24.92	0.70
350.00	22.84	25.86	18.57	22.38	1.05	0.51	39.77	24.77	0.67
400.00	22.75	25.94	18.80	24.47	1.06	0.53	39.83	24.87	0.72
450.00	22.66	26.04	18.93	26.42	1.06	0.56	39.92	24.87	0.69
500.00	22.54	26.18	19.07	24.82	1.07	0.58	39.38	24.82	0.77
550.00	22.31	26.43	18.45	20.65	1.09	0.63	39.18	24.64	0.66
600.00	21.68	27.05	15.59	18.11	1.14	0.74	39.58	24.52	0.92
650.00	21.94	26.85	15.36	22.94	1.12	0.71	39.13	24.91	0.80
700.00	22.04	26.80	16.05	18.86	1.11	0.69	39.12	24.81	0.73
750.00	21.92	26.97	15.95	15.91	1.12	0.69	39.13	24.95	0.89
800.00	21.72	27.22	15.51	13.88	1.14	0.71	39.04	24.75	0.78
850.00	21.46	27.55	14.81	12.27	1.16	0.73	38.84	24.98	0.84
900.00	21.11	27.97	13.90	10.89	1.20	0.75	38.81	24.97	0.80
950.00	20.61	28.56	12.72	9.62	1.25	0.78	39.45	24.79	0.80
1000.00	19.81	29.48	11.20	8.42	1.36	0.82	38.63	24.50	0.85
1050.00	18.43	31.04	9.37	7.44	1.62	0.88	38.00	23.41	0.85
1100.00	16.40	33.27	7.46	7.19	2.22	0.98	36.98	22.15	0.93
1150.00	16.32	33.15	6.32	8.89	2.28	1.08	36.62	21.75	1.00
1200.00	18.24	31.10	6.24	13.45	1.72	1.13	35.70	22.74	1.03

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 = 2.70V, Id = 59.22mA @ 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	23.59	28.81	9.32	10.83	1.10	0.63	27.68	13.60	--
3.00	23.94	28.31	11.50	20.65	1.09	0.67	28.05	13.90	--
5.00	23.93	28.07	11.96	25.94	1.08	0.66	28.30	13.95	--
7.00	23.85	27.81	12.27	28.17	1.06	0.65	28.65	13.91	--
9.00	23.76	27.54	12.57	27.61	1.05	0.63	29.01	14.20	--
10.00	23.70	27.39	12.74	27.06	1.05	0.63	29.16	14.18	0.71
20.00	23.16	26.31	14.39	22.29	1.02	0.57	30.46	15.55	0.77
30.00	22.80	25.74	15.94	20.83	1.02	0.53	31.42	16.72	0.75
40.00	22.61	25.46	17.16	20.20	1.03	0.50	31.84	17.51	0.71
50.00	22.49	25.30	17.91	20.14	1.03	0.49	31.54	17.89	0.70
60.00	22.41	25.20	18.50	20.13	1.03	0.48	31.68	18.26	0.70
70.00	22.36	25.15	18.87	20.10	1.03	0.48	31.93	18.28	0.75
80.00	22.31	25.12	19.23	20.17	1.04	0.48	31.88	18.27	0.69
90.00	22.28	25.09	19.46	20.24	1.04	0.48	32.04	18.28	0.65
100.00	22.26	25.08	19.62	20.50	1.04	0.48	32.24	18.25	0.70
150.00	22.19	25.06	19.75	21.44	1.04	0.49	31.37	18.55	0.72
200.00	22.12	25.09	19.18	22.26	1.04	0.51	31.59	18.56	0.71
250.00	22.03	25.14	18.31	22.60	1.05	0.53	31.11	18.48	0.64
300.00	21.93	25.21	17.27	23.17	1.05	0.55	31.45	18.56	0.71
350.00	21.82	25.31	16.31	23.20	1.05	0.58	30.80	18.51	0.67
400.00	21.69	25.42	15.64	22.15	1.06	0.61	30.72	18.52	0.67
450.00	21.54	25.56	14.89	20.15	1.06	0.65	30.29	18.53	0.64
500.00	21.35	25.72	14.28	17.90	1.07	0.68	29.58	18.39	0.76
550.00	21.05	26.00	13.40	15.51	1.08	0.72	29.56	18.47	0.68
600.00	20.39	26.63	11.57	14.29	1.12	0.83	28.69	17.86	1.02
650.00	20.63	26.41	11.43	16.36	1.11	0.81	28.91	18.18	0.80
700.00	20.66	26.39	11.61	14.19	1.10	0.79	28.93	18.20	0.76
750.00	20.47	26.57	11.37	12.47	1.10	0.79	28.54	18.39	0.91
800.00	20.22	26.82	11.01	11.18	1.12	0.80	28.35	18.21	0.77
850.00	19.92	27.13	10.53	10.09	1.13	0.82	27.85	17.96	0.81
900.00	19.53	27.53	9.95	9.13	1.16	0.83	27.17	17.67	0.78
950.00	18.99	28.07	9.20	8.21	1.20	0.86	26.60	17.33	0.82
1000.00	18.20	28.90	8.19	7.31	1.27	0.89	25.51	16.77	0.81
1050.00	16.88	30.28	6.89	6.55	1.45	0.94	24.02	15.28	0.83
1100.00	14.98	32.22	5.42	6.40	1.83	1.04	22.21	13.76	0.92
1150.00	14.99	31.92	4.52	8.10	1.82	1.17	23.10	14.13	1.02
1200.00	16.78	29.95	4.57	12.13	1.45	1.24	25.79	16.15	1.04

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 = 148.66mA @ 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	24.76	29.16	10.55	11.15	1.07	0.55	38.92	21.70	--
3.00	25.08	28.68	13.63	22.42	1.06	0.58	39.83	21.67	--
5.00	25.05	28.46	14.20	32.33	1.05	0.58	40.22	22.02	--
7.00	24.96	28.22	14.44	32.84	1.04	0.57	40.43	21.96	--
9.00	24.85	27.97	14.67	27.41	1.03	0.55	40.59	21.94	--
10.00	24.78	27.85	14.80	25.87	1.03	0.55	40.65	22.21	0.84
20.00	24.16	26.85	15.56	19.53	1.01	0.50	40.93	23.60	0.80
30.00	23.75	26.34	16.20	17.95	1.01	0.47	41.59	24.47	0.76
40.00	23.53	26.09	16.68	17.30	1.02	0.45	42.63	24.60	0.72
50.00	23.40	25.94	16.95	17.17	1.02	0.44	42.60	24.70	0.71
60.00	23.31	25.85	17.14	17.09	1.02	0.43	42.38	24.83	0.69
70.00	23.25	25.80	17.29	17.08	1.03	0.43	42.69	24.81	0.72
80.00	23.21	25.77	17.55	17.11	1.03	0.43	43.13	24.81	0.68
90.00	23.18	25.75	17.70	17.17	1.03	0.43	42.54	24.91	0.66
100.00	23.16	25.74	17.84	17.34	1.03	0.43	43.02	24.90	0.69
150.00	23.10	25.71	18.50	18.14	1.04	0.44	41.97	25.08	0.67
200.00	23.05	25.72	18.77	18.94	1.04	0.45	41.76	25.11	0.68
250.00	23.00	25.76	18.75	19.54	1.04	0.46	41.57	25.04	0.64
300.00	22.94	25.82	18.59	20.75	1.05	0.48	41.72	25.29	0.64
350.00	22.88	25.88	18.53	22.34	1.05	0.50	40.77	25.16	0.67
400.00	22.80	25.97	18.78	24.60	1.06	0.53	40.47	25.38	0.70
450.00	22.71	26.07	18.97	27.02	1.06	0.55	40.85	25.36	0.68
500.00	22.58	26.20	19.17	25.58	1.07	0.58	40.19	25.21	0.62
550.00	22.36	26.45	18.59	21.11	1.09	0.63	40.00	25.15	0.65
600.00	21.72	27.08	15.70	18.48	1.14	0.74	40.60	25.17	0.70
650.00	21.99	26.88	15.47	23.60	1.12	0.71	40.04	25.42	0.79
700.00	22.09	26.83	16.19	19.15	1.12	0.68	40.11	25.32	0.75
750.00	21.97	27.00	16.10	16.08	1.13	0.69	40.24	25.48	0.77
800.00	21.77	27.26	15.64	14.00	1.14	0.71	40.21	25.28	0.76
850.00	21.51	27.58	14.93	12.36	1.17	0.72	40.05	25.52	0.82
900.00	21.16	28.01	14.00	10.96	1.20	0.75	40.15	25.35	0.76
950.00	20.66	28.61	12.82	9.67	1.26	0.78	40.89	25.18	0.83
1000.00	19.85	29.54	11.27	8.47	1.37	0.82	39.98	25.04	0.81
1050.00	18.46	31.11	9.42	7.49	1.63	0.88	39.45	23.96	0.82
1100.00	16.42	33.36	7.51	7.26	2.26	0.98	38.65	22.67	0.90
1150.00	16.35	33.24	6.38	8.99	2.32	1.08	38.09	22.28	1.01
1200.00	18.27	31.19	6.30	13.62	1.74	1.13	36.66	23.39	1.04

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 = 73.09mA @ 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	23.49	28.72	9.54	11.31	1.10	0.65	29.46	14.51	--
3.00	23.81	28.26	11.54	21.28	1.09	0.68	29.78	14.81	--
5.00	23.79	28.03	11.96	26.61	1.08	0.67	29.99	14.86	--
7.00	23.72	27.77	12.25	28.62	1.07	0.66	30.27	15.13	--
9.00	23.63	27.49	12.57	27.78	1.06	0.64	30.52	15.11	--
10.00	23.57	27.35	12.74	27.12	1.05	0.64	30.66	15.08	1.23
20.00	23.03	26.26	14.45	22.21	1.02	0.57	32.14	16.48	1.27
30.00	22.67	25.68	16.07	20.63	1.03	0.53	33.10	17.64	1.27
40.00	22.47	25.40	17.29	19.84	1.03	0.51	33.33	18.40	1.23
50.00	22.35	25.23	17.98	19.60	1.03	0.50	33.18	18.61	1.23
60.00	22.26	25.15	18.46	19.39	1.04	0.49	33.33	18.93	1.22
70.00	22.20	25.09	18.73	19.16	1.04	0.49	33.53	18.95	1.26
80.00	22.15	25.07	18.94	19.04	1.04	0.49	33.57	18.95	1.24
90.00	22.11	25.05	19.00	18.91	1.04	0.49	33.69	19.06	1.21
100.00	22.08	25.04	18.98	18.92	1.04	0.49	33.94	19.04	1.24
150.00	21.98	25.05	18.34	19.11	1.05	0.51	33.21	19.17	1.21
200.00	21.89	25.10	17.60	19.97	1.05	0.53	33.40	19.16	1.25
250.00	21.79	25.18	16.99	21.17	1.05	0.56	32.94	19.06	1.20
300.00	21.67	25.26	16.34	22.57	1.06	0.59	33.42	19.27	1.19
350.00	21.55	25.37	15.66	22.52	1.06	0.62	32.62	19.21	1.25
400.00	21.39	25.50	15.03	20.89	1.07	0.65	32.60	19.26	1.28
450.00	21.22	25.67	14.21	18.77	1.07	0.69	32.18	19.22	1.23
500.00	20.97	25.89	13.39	16.76	1.09	0.72	31.43	19.05	1.31
550.00	20.58	26.26	12.22	15.15	1.11	0.78	31.45	19.09	1.27
600.00	20.30	26.53	11.18	15.63	1.13	0.84	31.12	18.85	1.69
650.00	20.38	26.47	11.19	14.90	1.12	0.82	30.84	19.17	1.42
700.00	20.24	26.61	10.98	13.22	1.13	0.82	30.74	19.03	1.38
750.00	20.00	26.85	10.64	11.87	1.14	0.83	30.31	19.20	1.46
800.00	19.70	27.15	10.22	10.76	1.16	0.85	30.11	18.98	1.40
850.00	19.32	27.53	9.73	9.80	1.19	0.86	29.52	18.97	1.48
900.00	18.84	28.02	9.15	8.96	1.24	0.89	28.84	18.64	1.46
950.00	18.18	28.67	8.40	8.25	1.31	0.92	28.24	17.86	1.51
1000.00	17.26	29.61	7.45	7.73	1.44	0.97	27.19	17.52	1.53
1050.00	16.13	30.73	6.41	7.72	1.65	1.05	26.29	16.66	1.58
1100.00	15.56	31.18	5.55	8.78	1.78	1.14	26.28	16.48	1.66
1150.00	16.19	30.39	5.22	11.21	1.63	1.22	27.27	16.93	1.75
1200.00	16.86	29.63	5.18	13.78	1.47	1.24	28.26	17.75	1.81

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 = 137.78mA @ 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	24.33	29.11	10.56	11.62	1.09	0.61	36.47	20.33	--
3.00	24.62	28.66	13.16	23.16	1.08	0.63	36.94	20.62	--
5.00	24.59	28.44	13.63	34.66	1.07	0.63	37.14	20.66	--
7.00	24.51	28.19	13.88	34.83	1.06	0.61	37.32	20.91	--
9.00	24.41	27.93	14.13	28.17	1.05	0.60	37.48	20.89	--
10.00	24.34	27.79	14.25	26.53	1.04	0.59	37.61	20.88	1.30
20.00	23.75	26.76	15.30	19.81	1.02	0.54	38.17	22.23	1.34
30.00	23.37	26.22	16.16	18.11	1.02	0.50	39.22	22.90	1.29
40.00	23.15	25.96	16.76	17.32	1.02	0.48	39.71	23.33	1.25
50.00	23.02	25.80	17.04	17.05	1.03	0.47	40.26	23.47	1.27
60.00	22.93	25.71	17.10	16.84	1.03	0.46	40.31	23.53	1.26
70.00	22.87	25.66	17.16	16.65	1.03	0.46	39.76	23.63	1.28
80.00	22.82	25.64	17.23	16.54	1.04	0.46	39.74	23.62	1.26
90.00	22.78	25.62	17.15	16.42	1.04	0.46	40.00	23.73	1.23
100.00	22.76	25.61	17.18	16.43	1.04	0.46	40.05	23.73	1.27
150.00	22.66	25.61	16.87	16.56	1.04	0.47	39.72	23.87	1.29
200.00	22.59	25.65	16.82	17.27	1.05	0.49	39.56	23.88	1.25
250.00	22.52	25.70	17.07	18.45	1.05	0.51	39.40	23.81	1.23
300.00	22.45	25.76	17.37	20.43	1.06	0.54	39.86	24.07	1.29
350.00	22.36	25.84	17.55	22.56	1.06	0.57	39.19	24.04	1.25
400.00	22.25	25.95	17.64	23.70	1.07	0.59	39.22	24.26	1.28
450.00	22.12	26.08	17.23	22.85	1.08	0.62	38.95	24.12	1.27
500.00	21.92	26.28	16.59	20.52	1.09	0.66	38.31	24.00	1.37
550.00	21.57	26.63	15.20	18.20	1.12	0.72	38.77	23.93	1.32
600.00	21.31	26.90	13.79	18.88	1.14	0.77	38.72	23.85	1.42
650.00	21.42	26.83	13.94	18.30	1.13	0.75	38.49	24.04	1.41
700.00	21.33	26.95	13.82	15.94	1.14	0.75	38.55	23.92	1.41
750.00	21.13	27.18	13.45	14.07	1.16	0.77	38.17	23.96	1.46
800.00	20.87	27.48	12.94	12.58	1.18	0.79	38.08	23.88	1.43
850.00	20.53	27.88	12.30	11.32	1.22	0.81	37.46	23.60	1.50
900.00	20.07	28.40	11.52	10.24	1.27	0.84	36.79	23.43	1.47
950.00	19.42	29.11	10.53	9.32	1.36	0.87	36.21	23.00	1.52
1000.00	18.50	30.12	9.29	8.65	1.52	0.93	35.09	22.39	1.55
1050.00	17.33	31.37	7.99	8.58	1.80	1.01	34.37	21.50	1.62
1100.00	16.74	31.93	6.93	9.70	1.99	1.09	34.51	21.71	1.68
1150.00	17.39	31.17	6.48	12.58	1.81	1.15	35.17	22.25	1.78
1200.00	18.14	30.40	6.37	16.53	1.61	1.17	35.91	22.77	1.83

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 = 2.70V, Id = 63.36mA @ 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)			(dBm)	(dBm)	(dB)
1.00	23.24	28.59	9.27	11.17	1.10	0.66	26.44	13.24	--
3.00	23.56	28.12	11.15	20.52	1.09	0.69	26.61	13.54	--
5.00	23.54	27.89	11.56	24.75	1.08	0.68	26.93	13.58	--
7.00	23.48	27.62	11.84	26.39	1.07	0.67	27.47	13.53	--
9.00	23.39	27.35	12.17	26.36	1.06	0.65	27.89	13.83	--
10.00	23.33	27.21	12.33	26.11	1.05	0.65	28.11	13.83	1.21
20.00	22.80	26.09	14.13	22.86	1.03	0.58	30.12	15.21	1.27
30.00	22.45	25.52	15.85	21.52	1.03	0.54	31.38	16.38	1.26
40.00	22.26	25.23	17.17	20.83	1.03	0.52	31.69	17.15	1.22
50.00	22.13	25.07	18.07	20.63	1.03	0.51	31.57	17.53	1.21
60.00	22.05	24.97	18.62	20.45	1.04	0.50	31.74	17.74	1.22
70.00	21.99	24.92	19.00	20.22	1.04	0.50	31.94	17.76	1.27
80.00	21.95	24.90	19.20	20.09	1.04	0.50	32.00	17.91	1.22
90.00	21.91	24.88	19.30	19.94	1.04	0.50	32.10	17.91	1.22
100.00	21.88	24.87	19.23	19.98	1.04	0.50	32.33	17.88	1.25
150.00	21.77	24.88	18.51	20.21	1.05	0.52	31.64	18.01	1.31
200.00	21.67	24.93	17.50	21.13	1.05	0.54	31.85	18.14	1.25
250.00	21.56	25.02	16.68	22.32	1.05	0.57	31.34	18.02	1.22
300.00	21.44	25.11	15.86	23.28	1.06	0.61	31.73	18.25	1.26
350.00	21.30	25.23	15.04	22.35	1.06	0.64	30.96	18.03	1.26
400.00	21.14	25.37	14.32	20.25	1.07	0.67	30.90	18.33	1.26
450.00	20.95	25.55	13.47	18.02	1.08	0.70	30.43	18.16	1.28
500.00	20.69	25.78	12.65	16.08	1.09	0.74	29.71	17.98	1.35
550.00	20.29	26.17	11.54	14.61	1.11	0.80	29.62	17.87	1.28
600.00	20.01	26.44	10.58	15.08	1.13	0.86	29.31	17.88	1.64
650.00	20.07	26.38	10.56	14.26	1.12	0.84	29.06	18.07	1.41
700.00	19.92	26.52	10.34	12.66	1.13	0.84	28.98	17.92	1.39
750.00	19.67	26.77	10.00	11.39	1.14	0.85	28.56	18.05	1.47
800.00	19.35	27.07	9.60	10.35	1.16	0.86	28.35	17.83	1.44
850.00	18.97	27.45	9.14	9.44	1.19	0.88	27.78	17.47	1.48
900.00	18.47	27.95	8.60	8.66	1.23	0.90	27.10	17.45	1.48
950.00	17.80	28.60	7.91	8.00	1.30	0.93	26.52	16.66	1.53
1000.00	16.87	29.53	7.02	7.54	1.43	0.98	25.47	15.98	1.54
1050.00	15.75	30.64	6.05	7.57	1.64	1.06	24.55	15.10	1.59
1100.00	15.19	31.06	5.26	8.66	1.76	1.16	24.50	15.27	1.67
1150.00	15.81	30.25	4.95	11.08	1.61	1.23	25.58	15.74	1.77
1200.00	16.47	29.50	4.92	13.47	1.45	1.26	26.60	16.57	1.86

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 = 145.54mA @ 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	24.37	29.12	10.65	11.62	1.09	0.60	36.69	20.85	--
3.00	24.67	28.68	13.29	23.19	1.08	0.63	37.18	21.13	--
5.00	24.63	28.46	13.78	34.86	1.07	0.62	37.36	21.17	--
7.00	24.55	28.21	14.03	34.66	1.06	0.61	37.57	21.13	--
9.00	24.45	27.95	14.27	28.05	1.05	0.60	37.71	21.41	--
10.00	24.39	27.82	14.37	26.38	1.04	0.59	37.79	21.38	1.32
20.00	23.80	26.79	15.35	19.71	1.02	0.54	38.89	22.70	1.38
30.00	23.41	26.24	16.17	18.04	1.02	0.50	39.43	23.37	1.32
40.00	23.19	25.98	16.67	17.26	1.02	0.48	39.40	23.67	1.29
50.00	23.06	25.83	16.92	16.98	1.03	0.47	39.67	23.83	1.27
60.00	22.97	25.74	17.01	16.76	1.03	0.46	40.43	23.98	1.29
70.00	22.90	25.70	17.01	16.58	1.03	0.46	40.19	23.99	1.32
80.00	22.86	25.67	17.12	16.46	1.04	0.46	40.24	24.09	1.27
90.00	22.82	25.65	17.06	16.34	1.04	0.46	40.77	24.09	1.26
100.00	22.79	25.65	16.98	16.36	1.04	0.46	40.30	24.08	1.27
150.00	22.70	25.65	16.72	16.49	1.04	0.47	40.03	24.22	1.28
200.00	22.63	25.68	16.70	17.21	1.05	0.49	40.08	24.35	1.28
250.00	22.56	25.73	17.02	18.39	1.05	0.51	39.78	24.29	1.27
300.00	22.49	25.79	17.34	20.43	1.06	0.54	40.17	24.55	1.20
350.00	22.41	25.87	17.62	22.70	1.06	0.56	39.68	24.41	1.29
400.00	22.30	25.98	17.79	24.15	1.07	0.59	39.59	24.63	1.30
450.00	22.17	26.11	17.42	23.43	1.08	0.62	39.36	24.62	1.28
500.00	21.97	26.30	16.80	21.00	1.09	0.66	38.77	24.49	1.37
550.00	21.63	26.66	15.43	18.57	1.12	0.72	39.23	24.41	1.32
600.00	21.37	26.93	13.98	19.32	1.15	0.77	39.30	24.35	1.43
650.00	21.48	26.86	14.12	18.66	1.14	0.75	39.10	24.55	1.46
700.00	21.40	26.98	14.01	16.18	1.14	0.75	39.11	24.43	1.45
750.00	21.20	27.21	13.65	14.25	1.16	0.76	38.82	24.58	1.47
800.00	20.94	27.52	13.13	12.72	1.19	0.78	38.69	24.25	1.45
850.00	20.60	27.92	12.49	11.43	1.22	0.80	38.16	24.07	1.50
900.00	20.14	28.44	11.69	10.33	1.28	0.83	37.53	23.78	1.50
950.00	19.49	29.16	10.68	9.40	1.37	0.87	36.88	23.17	1.55
1000.00	18.56	30.19	9.42	8.73	1.54	0.93	35.75	22.84	1.63
1050.00	17.39	31.45	8.09	8.67	1.82	1.01	35.10	21.97	1.61
1100.00	16.79	32.01	7.04	9.83	2.02	1.09	35.34	22.18	1.69
1150.00	17.44	31.27	6.58	12.80	1.83	1.15	36.01	22.64	1.79
1200.00	18.21	30.50	6.46	16.98	1.63	1.17	36.74	23.32	1.83