

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 = 5V, Id = 90.89 mA @ Temperature = +25degC

FREQ (MHz)	Gain (dB)	Isolation (dB)	Input Return Loss (dB)	Output Return Loss (dB)	Stability		IP-3 Output (dBm)	1dB Comp. Output (dBm)	Noise Figure (dB)
					K	Measure			
10.0	21.16	26.10	15.22	8.50	1.05	0.52	--	19.38	3.28
30.0	20.51	24.54	21.12	10.55	1.05	0.50	44.38	20.45	3.86
50.0	20.34	24.40	23.09	11.20	1.06	0.52	40.26	20.75	3.83
70.0	20.30	24.29	24.13	11.37	1.06	0.51	41.06	20.66	3.79
90.0	20.28	24.25	24.86	11.45	1.06	0.51	40.87	20.69	3.79
100.0	20.27	24.29	24.94	11.51	1.07	0.52	39.45	20.69	3.83
200.0	20.21	24.29	24.99	11.65	1.07	0.53	39.53	20.90	3.71
300.0	20.17	24.29	24.47	11.71	1.07	0.53	39.81	20.88	3.96
400.0	20.12	24.32	23.97	11.78	1.08	0.54	39.07	20.69	3.95
500.0	20.07	24.39	23.35	11.86	1.09	0.55	37.99	20.67	3.96
600.0	20.02	24.39	22.69	11.93	1.09	0.55	37.41	20.58	3.92
700.0	19.95	24.44	22.12	11.99	1.10	0.56	36.54	20.48	3.95
800.0	19.87	24.51	21.54	12.11	1.11	0.58	35.92	20.39	3.94
900.0	19.78	24.55	20.96	12.18	1.12	0.59	35.86	20.52	3.96
1000.0	19.69	24.61	20.50	12.25	1.13	0.60	35.04	20.40	4.00
1200.0	19.50	24.69	19.72	12.29	1.15	0.62	33.48	19.86	3.97
1400.0	19.27	24.83	19.16	12.27	1.17	0.65	32.83	19.57	3.98
1500.0	19.16	24.86	18.89	12.20	1.18	0.65	32.09	19.33	4.00
1600.0	19.01	24.99	18.46	12.17	1.20	0.67	31.74	18.84	4.02
1800.0	18.77	25.08	18.19	11.89	1.22	0.69	30.77	18.35	4.01
2000.0	18.49	25.19	17.70	11.62	1.25	0.71	30.02	17.94	4.02
2100.0	18.34	25.28	17.53	11.47	1.26	0.72	29.36	17.49	4.02
2200.0	18.21	25.29	17.38	11.27	1.27	0.73	28.71	17.09	4.07
2300.0	18.08	25.28	17.12	11.06	1.27	0.73	28.73	16.86	4.07
2400.0	17.93	25.32	16.95	10.88	1.28	0.74	27.96	16.37	4.02
2500.0	17.77	25.36	16.59	10.74	1.30	0.75	27.80	16.27	4.08
2600.0	17.61	25.36	16.44	10.60	1.30	0.76	27.43	15.76	4.09
2700.0	17.48	25.34	16.04	10.34	1.30	0.76	26.79	15.48	4.19
2800.0	17.30	25.37	15.98	10.26	1.32	0.77	26.64	15.12	4.18
2900.0	17.18	25.37	15.51	10.03	1.32	0.78	26.02	14.83	4.17
3000.0	17.03	25.28	15.31	9.84	1.31	0.78	25.96	14.59	4.09
3100.0	16.87	25.30	15.13	9.75	1.32	0.79	25.70	14.22	4.12
3200.0	16.65	25.46	15.09	9.85	1.36	0.80	25.44	13.98	4.17
3300.0	16.56	25.26	14.61	9.50	1.33	0.80	24.70	13.51	4.23
3400.0	16.41	25.17	14.33	9.34	1.32	0.80	24.73	13.31	4.20
3500.0	16.27	25.05	14.11	9.13	1.31	0.81	24.49	13.15	4.21
3600.0	16.13	25.15	13.67	9.07	1.32	0.82	24.04	12.62	4.23
3700.0	15.92	25.09	13.75	9.04	1.33	0.82	23.90	12.43	4.28
3800.0	15.81	24.88	13.44	8.78	1.30	0.82	23.86	12.06	4.22
3900.0	15.67	25.03	13.11	8.73	1.32	0.83	23.59	11.91	4.25
4000.0	15.48	24.83	13.07	8.55	1.31	0.83	23.41	11.58	4.27
4100.0	15.27	25.17	12.97	8.79	1.39	0.85	23.36	11.43	4.27
4200.0	15.20	24.65	12.55	8.30	1.29	0.84	23.11	11.11	4.24
4300.0	15.01	24.77	12.48	8.37	1.32	0.85	23.01	10.76	4.32
4400.0	14.85	24.68	12.31	8.22	1.32	0.85	22.83	10.66	4.36
4500.0	14.68	24.76	12.16	8.24	1.34	0.86	22.74	10.35	4.33
4600.0	14.60	24.51	11.61	7.89	1.28	0.86	22.49	10.07	4.31
4700.0	14.35	24.40	11.86	7.85	1.30	0.85	22.36	9.71	4.38
4800.0	14.27	24.37	11.31	7.64	1.27	0.86	22.32	9.70	4.34
4900.0	14.08	24.24	11.28	7.57	1.27	0.86	22.55	9.46	4.41
5000.0	13.88	24.26	11.32	7.49	1.30	0.86	22.41	9.49	4.44

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 = 81.29 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)	K	Measure	(dBm)	(dBm)	(dB)
10.0	21.08	25.17	14.64	8.01	1.01	0.42	--	18.67	3.17
30.0	20.46	24.43	20.69	10.44	1.05	0.49	40.43	19.68	3.79
50.0	20.29	24.42	22.34	11.09	1.07	0.52	38.97	19.91	3.75
70.0	20.26	24.30	23.55	11.27	1.06	0.51	39.10	19.85	3.71
90.0	20.23	24.26	24.16	11.36	1.06	0.52	39.44	19.88	3.74
100.0	20.22	24.28	24.21	11.41	1.07	0.52	38.28	19.89	3.76
200.0	20.16	24.26	24.27	11.55	1.07	0.52	38.60	20.06	3.66
300.0	20.12	24.25	23.89	11.59	1.07	0.53	37.94	20.05	3.88
400.0	20.08	24.33	23.37	11.69	1.08	0.54	37.81	19.92	3.87
500.0	20.02	24.34	22.84	11.77	1.09	0.55	37.45	19.92	3.93
600.0	19.96	24.38	22.31	11.84	1.09	0.56	36.38	19.84	3.89
700.0	19.89	24.40	21.79	11.90	1.10	0.56	35.70	19.79	3.89
800.0	19.81	24.46	21.23	12.01	1.11	0.58	35.17	19.71	3.84
900.0	19.72	24.51	20.72	12.07	1.12	0.59	35.05	19.82	3.86
1000.0	19.63	24.56	20.26	12.15	1.13	0.60	34.40	19.76	3.92
1200.0	19.43	24.66	19.51	12.20	1.15	0.62	32.83	19.33	3.92
1400.0	19.20	24.79	18.96	12.18	1.17	0.65	32.11	19.09	3.89
1500.0	19.09	24.78	18.72	12.11	1.18	0.65	31.56	18.85	3.91
1600.0	18.93	24.93	18.31	12.08	1.20	0.67	31.09	18.38	3.98
1800.0	18.69	24.98	18.03	11.81	1.22	0.69	30.18	17.91	3.95
2000.0	18.40	25.07	17.56	11.54	1.24	0.71	29.49	17.51	3.92
2100.0	18.25	25.17	17.39	11.41	1.26	0.72	28.84	17.06	3.97
2200.0	18.12	25.18	17.27	11.22	1.27	0.73	28.27	16.66	3.98
2300.0	17.98	25.15	17.01	11.00	1.27	0.73	28.14	16.44	3.97
2400.0	17.83	25.20	16.82	10.83	1.28	0.74	27.47	15.96	3.93
2500.0	17.67	25.25	16.49	10.69	1.29	0.75	27.29	15.86	4.01
2600.0	17.51	25.31	16.34	10.56	1.31	0.76	27.00	15.36	4.00
2700.0	17.38	25.24	15.94	10.31	1.30	0.76	26.32	15.07	4.06
2800.0	17.21	25.25	15.88	10.24	1.31	0.77	26.18	14.74	4.07
2900.0	17.08	25.23	15.45	10.01	1.31	0.77	25.56	14.44	4.07
3000.0	16.93	25.16	15.27	9.82	1.31	0.78	25.54	14.19	3.98
3100.0	16.77	25.22	15.08	9.73	1.32	0.79	25.21	13.83	3.99
3200.0	16.54	25.35	15.05	9.83	1.36	0.80	25.00	13.57	4.07
3300.0	16.45	25.16	14.60	9.50	1.33	0.80	24.20	13.10	4.13
3400.0	16.31	25.10	14.31	9.33	1.32	0.80	24.30	12.90	4.10
3500.0	16.16	24.96	14.11	9.14	1.31	0.81	24.05	12.74	4.12
3600.0	16.02	25.06	13.69	9.07	1.32	0.82	23.62	12.21	4.12
3700.0	15.82	25.03	13.77	9.05	1.34	0.82	23.49	12.03	4.16
3800.0	15.70	24.81	13.47	8.78	1.31	0.82	23.42	11.68	4.12
3900.0	15.56	24.93	13.13	8.75	1.33	0.83	23.16	11.53	4.08
4000.0	15.37	24.71	13.10	8.57	1.31	0.83	22.94	11.20	4.10
4100.0	15.16	25.10	13.02	8.82	1.39	0.85	22.97	11.06	4.18
4200.0	15.09	24.58	12.61	8.32	1.29	0.84	22.72	10.71	4.15
4300.0	14.90	24.71	12.54	8.39	1.33	0.85	22.55	10.34	4.19
4400.0	14.75	24.65	12.37	8.24	1.33	0.85	22.40	10.27	4.22
4500.0	14.58	24.68	12.22	8.25	1.35	0.86	22.32	9.96	4.23
4600.0	14.50	24.49	11.67	7.91	1.29	0.86	22.08	9.67	4.17
4700.0	14.24	24.37	11.93	7.87	1.31	0.85	21.95	9.35	4.23
4800.0	14.17	24.29	11.39	7.65	1.28	0.86	21.90	9.32	4.24
4900.0	13.98	24.19	11.35	7.59	1.28	0.86	22.12	9.07	4.28
5000.0	13.79	24.20	11.39	7.51	1.31	0.86	22.01	9.08	4.31

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 = 101.11 mA @ Temperature = +25degC

FREQ (MHz)	Gain (dB)	Isolation (dB)	Input Return Loss (dB)	Output Return Loss (dB)	Stability		IP-3 Output (dBm)	1dB Comp. Output (dBm)	Noise Figure (dB)
					K	Measure			
10.0	21.16	24.88	14.87	8.14	1.00	0.39	--	19.70	3.40
30.0	20.53	24.52	21.33	10.60	1.05	0.50	44.18	20.99	3.94
50.0	20.37	24.39	23.21	11.26	1.06	0.51	42.01	21.39	3.95
70.0	20.33	24.31	24.62	11.45	1.06	0.51	41.94	21.21	3.88
90.0	20.30	24.36	25.42	11.56	1.07	0.52	42.06	21.25	3.91
100.0	20.29	24.34	25.47	11.61	1.07	0.52	40.73	21.23	3.93
200.0	20.23	24.32	25.53	11.75	1.07	0.53	41.41	21.50	3.85
300.0	20.19	24.34	25.00	11.80	1.07	0.53	40.42	21.46	4.04
400.0	20.15	24.40	24.36	11.89	1.08	0.54	39.43	21.18	4.10
500.0	20.10	24.42	23.65	11.95	1.09	0.55	38.84	21.14	4.09
600.0	20.04	24.45	23.04	12.02	1.09	0.56	37.57	21.02	4.04
700.0	19.98	24.49	22.36	12.07	1.10	0.57	36.98	20.87	4.06
800.0	19.90	24.55	21.78	12.18	1.11	0.58	36.19	20.76	4.05
900.0	19.82	24.60	21.16	12.25	1.12	0.59	36.03	20.89	4.10
1000.0	19.73	24.62	20.69	12.32	1.13	0.60	35.38	20.72	4.11
1200.0	19.54	24.77	19.86	12.34	1.15	0.62	33.89	20.12	4.08
1400.0	19.33	24.84	19.26	12.31	1.17	0.64	33.09	19.85	4.10
1500.0	19.22	24.87	19.02	12.25	1.18	0.65	32.40	19.60	4.13
1600.0	19.07	25.02	18.56	12.22	1.20	0.67	31.93	19.13	4.14
1800.0	18.84	25.15	18.27	11.93	1.22	0.69	31.11	18.63	4.14
2000.0	18.56	25.27	17.74	11.64	1.25	0.71	30.44	18.25	4.17
2100.0	18.41	25.30	17.60	11.50	1.26	0.72	29.74	17.79	4.17
2200.0	18.28	25.30	17.43	11.30	1.26	0.73	29.18	17.39	4.19
2300.0	18.15	25.38	17.13	11.07	1.27	0.73	29.08	17.17	4.23
2400.0	18.01	25.34	16.95	10.89	1.28	0.74	28.41	16.68	4.21
2500.0	17.85	25.43	16.54	10.74	1.29	0.75	28.26	16.59	4.24
2600.0	17.69	25.47	16.41	10.60	1.31	0.76	27.95	16.08	4.22
2700.0	17.56	25.39	15.99	10.36	1.30	0.76	27.30	15.80	4.32
2800.0	17.39	25.44	15.91	10.26	1.31	0.77	27.10	15.45	4.33
2900.0	17.26	25.46	15.41	10.03	1.31	0.78	26.56	15.16	4.32
3000.0	17.12	25.32	15.21	9.84	1.30	0.78	26.49	14.92	4.23
3100.0	16.95	25.35	15.00	9.75	1.31	0.79	26.18	14.56	4.24
3200.0	16.73	25.47	14.98	9.85	1.35	0.80	26.00	14.29	4.34
3300.0	16.64	25.30	14.50	9.50	1.32	0.80	25.21	13.84	4.37
3400.0	16.49	25.20	14.18	9.33	1.31	0.81	25.25	13.62	4.32
3500.0	16.35	25.13	13.96	9.11	1.30	0.81	25.01	13.45	4.35
3600.0	16.20	25.15	13.53	9.05	1.31	0.82	24.59	12.95	4.40
3700.0	15.99	25.12	13.61	9.03	1.32	0.82	24.45	12.75	4.46
3800.0	15.88	24.94	13.28	8.76	1.29	0.82	24.40	12.38	4.38
3900.0	15.73	25.02	12.93	8.71	1.31	0.83	24.11	12.24	4.41
4000.0	15.55	24.79	12.89	8.55	1.29	0.83	23.93	11.93	4.37
4100.0	15.33	25.11	12.81	8.78	1.36	0.85	23.96	11.77	4.45
4200.0	15.26	24.65	12.38	8.27	1.27	0.84	23.68	11.44	4.41
4300.0	15.06	24.76	12.31	8.34	1.31	0.85	23.54	11.08	4.46
4400.0	14.90	24.71	12.12	8.20	1.31	0.85	23.43	11.00	4.50
4500.0	14.73	24.78	11.97	8.21	1.33	0.86	23.34	10.67	4.51
4600.0	14.64	24.48	11.44	7.86	1.26	0.86	23.09	10.40	4.45
4700.0	14.38	24.43	11.68	7.83	1.29	0.86	22.96	10.07	4.51
4800.0	14.31	24.33	11.13	7.62	1.25	0.86	22.93	10.07	4.56
4900.0	14.11	24.21	11.08	7.55	1.26	0.86	23.12	9.83	4.56
5000.0	13.91	24.23	11.12	7.48	1.28	0.86	23.02	9.82	4.61

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 = 5V, Id = 73.59 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)			(dBm)	(dBm)	(dB)
10.0	21.24	25.33	17.82	8.88	1.02	0.47	--	18.97	2.58
30.0	20.59	23.91	24.75	10.74	1.02	0.45	34.48	19.77	3.17
50.0	20.42	23.74	28.22	11.34	1.02	0.45	34.24	19.95	3.08
70.0	20.38	23.71	29.91	11.44	1.03	0.46	33.90	19.94	3.03
90.0	20.35	23.74	31.54	11.48	1.03	0.46	34.02	19.95	3.05
100.0	20.34	23.69	31.49	11.49	1.03	0.46	33.51	19.97	3.06
200.0	20.28	23.75	29.69	11.51	1.04	0.47	33.86	20.15	2.91
300.0	20.26	23.71	29.60	11.90	1.04	0.48	33.92	20.17	3.15
400.0	20.24	23.74	28.81	12.24	1.04	0.49	33.89	20.09	3.19
500.0	20.18	23.77	26.41	12.30	1.05	0.50	33.61	20.09	3.22
600.0	20.13	23.80	24.88	12.29	1.05	0.50	33.62	20.04	3.18
700.0	20.06	23.88	23.56	12.26	1.06	0.52	33.64	20.00	3.20
800.0	19.98	23.93	22.40	12.28	1.07	0.53	33.54	19.94	3.12
900.0	19.89	23.95	21.56	12.30	1.08	0.53	33.53	20.02	3.18
1000.0	19.81	24.07	20.95	12.39	1.09	0.55	32.15	20.00	3.20
1200.0	19.62	24.16	19.56	12.52	1.11	0.58	32.38	19.70	3.22
1400.0	19.39	24.30	19.01	12.52	1.13	0.60	31.78	19.55	3.18
1500.0	19.28	24.35	18.79	12.47	1.14	0.61	30.88	19.34	3.18
1600.0	19.15	24.47	18.39	12.41	1.16	0.63	30.56	18.92	3.21
1800.0	18.91	24.62	18.13	12.06	1.18	0.65	29.51	18.56	3.23
2000.0	18.62	24.76	17.65	11.76	1.21	0.68	28.33	18.17	3.23
2100.0	18.49	24.88	17.60	11.50	1.22	0.69	27.75	17.76	3.26
2200.0	18.34	24.90	17.51	11.35	1.23	0.70	27.01	17.40	3.23
2300.0	18.20	24.96	17.39	11.10	1.24	0.70	26.77	17.24	3.25
2400.0	18.04	25.04	17.14	10.98	1.26	0.72	26.25	16.77	3.25
2500.0	17.90	25.07	16.90	10.71	1.26	0.72	26.11	16.70	3.26
2600.0	17.75	25.13	16.44	10.48	1.27	0.73	25.64	16.25	3.26
2700.0	17.58	25.18	16.05	10.32	1.29	0.74	24.97	15.94	3.33
2800.0	17.43	25.22	15.57	10.09	1.29	0.75	24.87	15.69	3.36
2900.0	17.25	25.29	15.40	10.06	1.31	0.76	24.31	15.40	3.38
3000.0	17.16	25.20	14.88	9.73	1.29	0.76	24.13	15.25	3.25
3100.0	17.02	25.11	14.87	9.53	1.29	0.76	23.81	14.89	3.24
3200.0	16.88	25.20	14.61	9.42	1.30	0.77	23.35	14.67	3.29
3300.0	16.70	25.13	14.61	9.32	1.30	0.78	22.85	14.23	3.40
3400.0	16.53	25.16	14.38	9.21	1.31	0.79	22.91	14.01	3.39
3500.0	16.38	25.05	14.18	9.04	1.30	0.79	22.59	13.90	3.36
3600.0	16.27	25.13	13.51	8.96	1.30	0.81	22.29	13.44	3.41
3700.0	16.10	25.04	13.32	8.86	1.30	0.81	22.02	13.29	3.41
3800.0	15.94	24.96	13.17	8.72	1.30	0.81	22.01	12.98	3.40
3900.0	15.82	24.80	12.92	8.48	1.27	0.81	21.78	12.90	3.38
4000.0	15.59	24.90	13.07	8.60	1.31	0.82	21.57	12.59	3.37
4100.0	15.55	24.89	12.28	8.41	1.28	0.83	21.26	12.40	3.38
4200.0	15.37	24.66	12.28	8.18	1.26	0.83	21.31	12.12	3.40
4300.0	15.21	24.60	12.07	8.06	1.26	0.84	21.01	11.78	3.40
4400.0	15.06	24.51	11.88	7.88	1.24	0.84	20.88	11.71	3.45
4500.0	14.92	24.50	11.60	7.79	1.24	0.84	20.71	11.48	3.44
4600.0	14.70	24.52	11.76	7.83	1.28	0.85	20.63	11.16	3.41
4700.0	14.56	24.43	11.58	7.71	1.26	0.85	20.41	10.89	3.46
4800.0	14.41	24.23	11.36	7.42	1.23	0.84	20.34	10.90	3.48
4900.0	14.27	24.08	10.95	7.24	1.20	0.85	20.35	10.68	3.52
5000.0	14.05	24.00	11.01	7.14	1.21	0.85	20.27	10.66	3.56

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 = 61.95 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)
10.0	21.18	24.59	17.40	8.53	0.99	0.38	--	17.92	2.46
30.0	20.53	23.70	24.86	10.46	1.01	0.42	32.22	18.77	2.99
50.0	20.37	23.48	28.27	11.05	1.01	0.43	31.76	18.89	3.01
70.0	20.32	23.62	30.07	11.17	1.02	0.45	31.57	18.91	2.93
90.0	20.30	23.59	31.48	11.19	1.02	0.45	31.80	18.91	2.97
100.0	20.28	23.57	31.55	11.20	1.02	0.45	31.35	18.94	2.96
200.0	20.23	23.61	29.71	11.21	1.03	0.46	31.46	19.08	2.82
300.0	20.21	23.57	29.59	11.57	1.03	0.46	31.55	19.09	3.12
400.0	20.18	23.57	28.68	11.91	1.03	0.47	31.52	19.07	3.08
500.0	20.13	23.64	26.30	11.98	1.04	0.48	31.23	19.07	3.12
600.0	20.07	23.70	24.74	11.97	1.05	0.49	31.21	19.02	3.11
700.0	19.99	23.72	23.50	11.95	1.05	0.50	31.19	19.00	3.13
800.0	19.91	23.78	22.23	11.97	1.06	0.51	31.05	18.94	3.05
900.0	19.82	23.82	21.42	11.99	1.07	0.52	30.97	18.98	3.09
1000.0	19.73	23.92	20.82	12.10	1.08	0.54	30.03	18.99	3.14
1200.0	19.53	24.02	19.34	12.22	1.10	0.57	30.00	18.79	3.11
1400.0	19.30	24.18	18.79	12.24	1.13	0.60	29.59	18.71	3.11
1500.0	19.18	24.25	18.53	12.18	1.14	0.61	28.80	18.54	3.10
1600.0	19.04	24.36	18.15	12.13	1.15	0.63	28.52	18.25	3.13
1800.0	18.79	24.48	17.88	11.82	1.18	0.65	27.67	17.99	3.13
2000.0	18.49	24.64	17.36	11.55	1.21	0.67	26.73	17.62	3.15
2100.0	18.35	24.70	17.30	11.30	1.22	0.68	26.25	17.26	3.13
2200.0	18.20	24.82	17.21	11.14	1.23	0.69	25.56	16.91	3.17
2300.0	18.06	24.83	17.11	10.93	1.24	0.70	25.35	16.77	3.18
2400.0	17.89	24.97	16.85	10.81	1.26	0.72	24.86	16.34	3.13
2500.0	17.74	24.97	16.61	10.57	1.27	0.72	24.75	16.26	3.19
2600.0	17.59	24.99	16.18	10.33	1.27	0.73	24.34	15.84	3.20
2700.0	17.41	25.06	15.79	10.17	1.29	0.74	23.72	15.54	3.26
2800.0	17.26	25.12	15.33	9.96	1.30	0.75	23.65	15.27	3.27
2900.0	17.07	25.23	15.12	9.95	1.32	0.76	23.12	15.00	3.27
3000.0	16.98	25.14	14.65	9.62	1.30	0.76	22.96	14.85	3.14
3100.0	16.83	25.05	14.64	9.44	1.30	0.77	22.68	14.51	3.15
3200.0	16.69	25.13	14.38	9.33	1.31	0.78	22.24	14.29	3.19
3300.0	16.50	25.09	14.35	9.25	1.32	0.78	21.74	13.86	3.29
3400.0	16.33	25.09	14.16	9.14	1.32	0.79	21.84	13.63	3.24
3500.0	16.17	24.98	13.97	8.96	1.31	0.79	21.54	13.53	3.26
3600.0	16.06	25.08	13.37	8.90	1.32	0.81	21.23	13.08	3.30
3700.0	15.88	24.99	13.15	8.80	1.32	0.81	20.97	12.93	3.31
3800.0	15.72	24.93	12.94	8.69	1.32	0.82	20.98	12.64	3.32
3900.0	15.59	24.74	12.76	8.46	1.29	0.82	20.75	12.56	3.27
4000.0	15.37	24.89	12.83	8.57	1.34	0.83	20.56	12.27	3.24
4100.0	15.32	24.85	12.15	8.38	1.30	0.84	20.28	12.06	3.30
4200.0	15.12	24.60	12.09	8.20	1.28	0.84	20.31	11.81	3.25
4300.0	14.97	24.49	11.96	8.05	1.27	0.84	20.07	11.47	3.34
4400.0	14.81	24.47	11.81	7.88	1.27	0.84	19.93	11.38	3.35
4500.0	14.68	24.44	11.49	7.80	1.26	0.85	19.78	11.14	3.31
4600.0	14.46	24.39	11.70	7.83	1.29	0.85	19.70	10.85	3.30
4700.0	14.31	24.43	11.49	7.73	1.30	0.86	19.48	10.58	3.35
4800.0	14.15	24.13	11.21	7.45	1.25	0.85	19.43	10.60	3.37
4900.0	14.00	24.02	10.90	7.28	1.22	0.85	19.49	10.39	3.39
5000.0	13.78	23.92	10.92	7.19	1.23	0.85	19.39	10.35	3.39

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 = 85.23 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)			(dBm)	(dBm)	(dB)
10.0	21.27	25.49	17.31	9.01	1.03	0.49	--	19.87	2.66
30.0	20.62	24.04	24.36	10.93	1.02	0.46	37.38	20.69	3.27
50.0	20.46	23.83	27.31	11.54	1.03	0.46	36.41	20.92	3.17
70.0	20.42	23.90	29.39	11.64	1.04	0.48	36.53	20.88	3.11
90.0	20.39	23.82	30.59	11.68	1.03	0.47	36.51	20.91	3.15
100.0	20.38	23.84	30.55	11.69	1.04	0.47	36.11	20.92	3.17
200.0	20.32	23.85	29.09	11.71	1.04	0.48	35.84	21.13	3.07
300.0	20.30	23.87	29.33	12.12	1.05	0.49	36.22	21.15	3.27
400.0	20.27	23.90	28.77	12.45	1.05	0.50	36.16	21.03	3.29
500.0	20.23	23.91	26.47	12.52	1.05	0.51	35.92	21.02	3.32
600.0	20.17	23.95	25.04	12.50	1.06	0.52	35.95	20.95	3.28
700.0	20.11	24.01	23.71	12.47	1.07	0.53	36.22	20.89	3.26
800.0	20.03	24.04	22.55	12.48	1.07	0.53	35.86	20.83	3.23
900.0	19.95	24.13	21.74	12.51	1.08	0.55	35.35	20.93	3.20
1000.0	19.87	24.15	21.17	12.59	1.09	0.56	34.06	20.86	3.33
1200.0	19.69	24.29	19.75	12.72	1.11	0.58	34.26	20.43	3.32
1400.0	19.48	24.40	19.29	12.72	1.13	0.61	33.41	20.19	3.30
1500.0	19.37	24.47	19.03	12.66	1.14	0.62	32.28	19.94	3.29
1600.0	19.24	24.60	18.67	12.59	1.16	0.64	31.85	19.47	3.33
1800.0	19.02	24.68	18.45	12.24	1.18	0.65	30.74	19.05	3.34
2000.0	18.73	24.90	17.95	11.92	1.21	0.68	29.44	18.64	3.33
2100.0	18.61	24.97	17.89	11.65	1.22	0.69	28.89	18.21	3.36
2200.0	18.47	24.98	17.77	11.50	1.23	0.70	28.08	17.84	3.33
2300.0	18.34	25.00	17.66	11.25	1.24	0.70	27.81	17.66	3.37
2400.0	18.18	25.15	17.39	11.10	1.26	0.72	27.34	17.19	3.31
2500.0	18.05	25.15	17.17	10.85	1.26	0.72	27.17	17.11	3.63
2600.0	17.90	25.16	16.68	10.60	1.26	0.73	26.69	16.64	3.39
2700.0	17.73	25.26	16.28	10.41	1.28	0.74	26.09	16.35	3.44
2800.0	17.59	25.29	15.80	10.19	1.29	0.75	25.95	16.08	3.44
2900.0	17.42	25.33	15.62	10.15	1.30	0.76	25.37	15.78	3.45
3000.0	17.33	25.30	15.06	9.81	1.29	0.76	25.19	15.62	3.40
3100.0	17.20	25.19	15.07	9.60	1.28	0.76	24.87	15.26	3.37
3200.0	17.06	25.26	14.78	9.48	1.29	0.77	24.40	15.04	3.42
3300.0	16.89	25.21	14.79	9.39	1.29	0.78	23.93	14.58	3.47
3400.0	16.72	25.17	14.56	9.27	1.29	0.79	23.94	14.36	3.45
3500.0	16.58	25.07	14.33	9.07	1.28	0.79	23.62	14.24	3.45
3600.0	16.47	25.25	13.64	8.99	1.30	0.80	23.31	13.78	3.51
3700.0	16.31	25.13	13.46	8.88	1.29	0.81	23.03	13.62	3.53
3800.0	16.15	24.97	13.31	8.72	1.27	0.81	22.98	13.31	3.52
3900.0	16.04	24.83	13.03	8.50	1.25	0.81	22.73	13.22	3.51
4000.0	15.81	24.99	13.22	8.61	1.30	0.82	22.55	12.90	3.48
4100.0	15.77	24.97	12.41	8.41	1.27	0.83	22.21	12.71	3.50
4200.0	15.59	24.68	12.38	8.18	1.24	0.83	22.22	12.43	3.49
4300.0	15.44	24.60	12.18	8.05	1.23	0.83	21.93	12.09	3.54
4400.0	15.30	24.54	11.98	7.87	1.22	0.83	21.79	12.01	3.58
4500.0	15.16	24.54	11.69	7.76	1.22	0.84	21.60	11.74	3.57
4600.0	14.94	24.54	11.85	7.81	1.25	0.84	21.51	11.46	3.56
4700.0	14.80	24.46	11.67	7.68	1.24	0.84	21.25	11.17	3.62
4800.0	14.66	24.26	11.43	7.37	1.20	0.84	21.18	11.18	3.60
4900.0	14.52	24.14	11.02	7.19	1.17	0.84	21.19	10.96	3.63
5000.0	14.30	24.08	11.07	7.10	1.19	0.84	21.07	10.93	3.66

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 = 5V, Id = 95.9 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)			(dBm)	(dBm)	(dB)
10.0	21.01	25.19	14.75	8.03	1.02	0.43	--	19.15	3.76
30.0	20.38	24.41	20.79	10.46	1.05	0.50	42.26	20.40	4.41
50.0	20.22	24.45	22.70	11.14	1.07	0.53	41.19	20.79	4.39
70.0	20.18	24.20	24.13	11.38	1.06	0.52	41.46	20.60	4.34
90.0	20.16	24.23	25.05	11.54	1.07	0.52	40.93	20.64	4.34
100.0	20.15	24.24	25.27	11.62	1.07	0.53	39.65	20.62	4.38
200.0	20.10	24.19	26.34	11.97	1.07	0.53	39.73	20.85	4.29
300.0	20.05	24.19	25.14	11.91	1.08	0.54	39.46	20.78	4.56
400.0	20.00	24.29	23.61	11.81	1.08	0.55	38.53	20.49	4.52
500.0	19.94	24.31	22.46	11.74	1.09	0.55	37.47	20.48	4.59
600.0	19.88	24.37	21.80	11.74	1.10	0.56	36.56	20.35	4.51
700.0	19.81	24.40	21.18	11.77	1.10	0.57	35.66	20.23	4.56
800.0	19.74	24.44	20.46	11.85	1.11	0.58	35.17	20.10	4.51
900.0	19.65	24.50	19.72	11.87	1.12	0.59	34.75	20.24	4.51
1000.0	19.56	24.58	19.17	11.88	1.13	0.60	33.82	20.05	4.59
1200.0	19.36	24.73	18.33	11.90	1.15	0.63	32.74	19.43	4.61
1400.0	19.14	24.86	17.65	11.87	1.18	0.65	32.02	19.10	4.56
1500.0	19.02	24.94	17.42	11.83	1.19	0.66	31.38	18.86	4.60
1600.0	18.89	25.00	17.11	11.82	1.20	0.68	30.95	18.35	4.65
1800.0	18.63	25.06	16.82	11.62	1.22	0.70	30.32	17.77	4.67
2000.0	18.33	25.24	16.34	11.39	1.25	0.72	29.75	17.35	4.68
2100.0	18.19	25.21	16.18	11.16	1.26	0.73	29.20	16.88	4.66
2200.0	18.03	25.27	15.95	11.05	1.27	0.74	28.71	16.45	4.70
2300.0	17.88	25.21	15.70	10.84	1.27	0.75	28.67	16.19	4.73
2400.0	17.71	25.22	15.46	10.69	1.27	0.76	27.99	15.71	4.66
2500.0	17.54	25.27	15.21	10.54	1.29	0.77	27.89	15.58	4.77
2600.0	17.37	25.26	14.92	10.40	1.29	0.78	27.60	15.08	4.77
2700.0	17.20	25.21	14.64	10.19	1.29	0.78	27.15	14.80	4.85
2800.0	17.02	25.22	14.29	10.07	1.30	0.79	26.90	14.43	4.89
2900.0	16.82	25.17	14.14	10.00	1.30	0.80	26.55	14.13	4.86
3000.0	16.68	25.11	13.66	9.77	1.29	0.81	26.53	13.89	4.82
3100.0	16.50	25.03	13.50	9.62	1.29	0.81	26.20	13.51	4.78
3200.0	16.31	25.03	13.18	9.56	1.30	0.83	26.01	13.27	4.86
3300.0	16.12	24.95	13.01	9.42	1.30	0.83	25.37	12.82	4.95
3400.0	15.93	24.87	12.73	9.34	1.30	0.84	25.49	12.64	4.87
3500.0	15.74	24.74	12.60	9.17	1.29	0.84	25.40	12.44	4.92
3600.0	15.55	24.76	12.31	9.16	1.30	0.85	24.96	11.95	4.95
3700.0	15.36	24.68	12.20	9.05	1.31	0.86	24.84	11.75	4.96
3800.0	15.18	24.58	11.95	8.89	1.30	0.86	24.89	11.41	4.96
3900.0	15.00	24.44	11.77	8.74	1.29	0.87	24.61	11.25	4.95
4000.0	14.75	24.31	11.77	8.69	1.29	0.87	24.52	10.96	4.96
4100.0	14.57	24.45	11.56	8.66	1.32	0.88	24.55	10.82	5.03
4200.0	14.40	24.38	11.28	8.57	1.32	0.89	24.41	10.50	4.99
4300.0	14.17	24.15	11.20	8.45	1.31	0.89	24.24	10.19	5.06
4400.0	14.00	24.15	10.99	8.34	1.31	0.89	24.22	10.11	5.11
4500.0	13.82	24.28	10.88	8.36	1.35	0.90	24.12	9.81	5.14
4600.0	13.58	23.96	10.67	8.17	1.32	0.90	24.05	9.56	5.08
4700.0	13.39	23.92	10.50	8.06	1.32	0.90	23.85	9.25	5.14
4800.0	13.23	23.83	10.21	7.90	1.31	0.90	23.89	9.26	5.16
4900.0	13.05	23.89	10.00	7.91	1.33	0.91	24.09	9.04	5.20
5000.0	12.78	23.63	10.11	7.75	1.33	0.90	24.03	9.01	5.26

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 = 85.76 mA @ Temperature = +85degC

FREQ (MHz)	Gain (dB)	Isolation (dB)	Input Return Loss (dB)	Output Return Loss (dB)	Stability		IP-3 Output (dBm)	1dB Comp. Output (dBm)	Noise Figure (dB)
					K	Measure			
10.0	20.99	25.96	14.78	8.27	1.06	0.51	--	18.73	3.69
30.0	20.35	24.46	20.49	10.39	1.05	0.50	39.63	19.82	4.26
50.0	20.19	24.32	22.12	11.07	1.07	0.52	38.91	20.11	4.27
70.0	20.15	24.18	23.51	11.27	1.06	0.51	39.03	20.01	4.25
90.0	20.13	24.15	24.40	11.43	1.06	0.52	39.23	20.03	4.24
100.0	20.12	24.12	24.57	11.50	1.06	0.52	38.34	20.03	4.27
200.0	20.07	24.15	25.58	11.85	1.07	0.53	38.81	20.23	4.16
300.0	20.02	24.17	24.60	11.82	1.08	0.53	38.26	20.19	4.49
400.0	19.97	24.18	23.17	11.70	1.08	0.54	37.50	19.97	4.41
500.0	19.90	24.27	22.13	11.63	1.09	0.55	37.00	19.96	4.43
600.0	19.84	24.32	21.48	11.64	1.09	0.56	35.85	19.85	4.42
700.0	19.77	24.38	20.93	11.69	1.10	0.57	35.14	19.77	4.46
800.0	19.69	24.41	20.23	11.76	1.11	0.58	34.62	19.66	4.43
900.0	19.60	24.48	19.55	11.77	1.12	0.59	34.50	19.82	4.43
1000.0	19.51	24.54	19.00	11.80	1.13	0.60	33.66	19.68	4.49
1200.0	19.31	24.68	18.21	11.82	1.15	0.62	32.46	19.11	4.45
1400.0	19.07	24.81	17.55	11.80	1.18	0.65	31.76	18.79	4.48
1500.0	18.96	24.84	17.33	11.76	1.19	0.66	31.23	18.54	4.50
1600.0	18.82	24.93	17.06	11.75	1.20	0.67	30.77	18.03	4.53
1800.0	18.56	25.04	16.76	11.56	1.23	0.70	30.02	17.47	4.55
2000.0	18.25	25.15	16.32	11.32	1.25	0.72	29.41	17.04	4.55
2100.0	18.12	25.14	16.16	11.08	1.25	0.73	28.78	16.56	4.55
2200.0	17.95	25.19	15.95	10.98	1.27	0.74	28.34	16.14	4.59
2300.0	17.81	25.19	15.71	10.78	1.27	0.75	28.29	15.88	4.61
2400.0	17.64	25.21	15.49	10.62	1.28	0.76	27.66	15.39	4.52
2500.0	17.47	25.17	15.24	10.48	1.28	0.76	27.52	15.26	4.60
2600.0	17.29	25.21	14.99	10.33	1.29	0.77	27.23	14.76	4.63
2700.0	17.13	25.18	14.73	10.13	1.29	0.78	26.73	14.46	4.72
2800.0	16.95	25.20	14.37	10.02	1.30	0.79	26.55	14.11	4.70
2900.0	16.76	25.14	14.22	9.94	1.31	0.80	26.10	13.81	4.72
3000.0	16.61	25.10	13.76	9.72	1.30	0.81	26.02	13.56	4.65
3100.0	16.44	24.99	13.62	9.57	1.29	0.81	25.78	13.19	4.63
3200.0	16.25	25.03	13.30	9.51	1.31	0.82	25.58	12.96	4.69
3300.0	16.06	24.84	13.13	9.37	1.30	0.83	24.89	12.49	4.79
3400.0	15.88	24.86	12.87	9.29	1.31	0.84	25.02	12.30	4.75
3500.0	15.69	24.70	12.74	9.11	1.29	0.84	24.93	12.10	4.76
3600.0	15.51	24.73	12.46	9.10	1.31	0.85	24.48	11.62	4.79
3700.0	15.32	24.68	12.34	9.01	1.31	0.85	24.36	11.40	4.82
3800.0	15.15	24.59	12.12	8.84	1.31	0.86	24.39	11.07	4.77
3900.0	14.97	24.42	11.93	8.68	1.29	0.86	24.13	10.93	4.80
4000.0	14.74	24.27	11.94	8.62	1.29	0.86	24.04	10.60	4.82
4100.0	14.55	24.40	11.72	8.58	1.32	0.87	24.03	10.46	4.87
4200.0	14.38	24.32	11.49	8.52	1.32	0.88	23.85	10.14	4.83
4300.0	14.17	24.12	11.39	8.38	1.31	0.88	23.74	9.85	4.91
4400.0	14.01	24.15	11.14	8.26	1.31	0.88	23.66	9.75	4.96
4500.0	13.82	24.31	11.06	8.30	1.36	0.89	23.60	9.45	4.94
4600.0	13.60	23.94	10.83	8.10	1.31	0.89	23.54	9.22	4.92
4700.0	13.41	23.87	10.67	7.98	1.32	0.89	23.32	8.87	4.97
4800.0	13.26	23.82	10.36	7.82	1.30	0.90	23.38	8.86	4.97
4900.0	13.08	23.91	10.17	7.86	1.33	0.91	23.55	8.65	5.00
5000.0	12.81	23.61	10.26	7.66	1.32	0.90	23.57	8.61	5.05

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 = 107.84 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)			(dBm)	(dBm)	(dB)
10.0	21.06	25.97	15.20	8.29	1.05	0.51	--	19.35	3.93
30.0	20.41	24.45	21.18	10.55	1.05	0.50	42.43	20.68	4.60
50.0	20.25	24.44	23.30	11.25	1.07	0.53	42.82	21.21	4.50
70.0	20.21	24.25	24.68	11.47	1.06	0.52	41.64	20.91	4.46
90.0	20.19	24.21	25.71	11.62	1.07	0.52	41.85	20.95	4.50
100.0	20.18	24.24	25.98	11.71	1.07	0.53	40.48	20.93	4.49
200.0	20.13	24.18	27.15	12.05	1.07	0.53	40.68	21.22	4.40
300.0	20.09	24.24	25.71	12.02	1.08	0.54	39.49	21.13	4.71
400.0	20.03	24.32	23.97	11.89	1.08	0.55	39.22	20.78	4.66
500.0	19.97	24.35	22.79	11.83	1.09	0.55	37.23	20.75	4.74
600.0	19.92	24.36	22.08	11.83	1.09	0.56	36.06	20.58	4.66
700.0	19.85	24.45	21.41	11.87	1.10	0.57	35.48	20.44	4.66
800.0	19.78	24.52	20.64	11.93	1.11	0.58	34.83	20.30	4.64
900.0	19.69	24.55	19.87	11.93	1.12	0.59	34.72	20.48	4.71
1000.0	19.60	24.62	19.29	11.97	1.13	0.60	33.79	20.25	4.74
1200.0	19.42	24.76	18.39	11.98	1.15	0.62	32.72	19.60	4.72
1400.0	19.19	24.90	17.69	11.97	1.18	0.65	32.07	19.30	4.72
1500.0	19.08	24.93	17.44	11.92	1.19	0.66	31.57	19.07	4.72
1600.0	18.95	25.04	17.15	11.92	1.20	0.68	31.06	18.56	4.76
1800.0	18.70	25.16	16.80	11.72	1.23	0.70	30.36	17.98	4.77
2000.0	18.39	25.28	16.30	11.47	1.25	0.72	29.96	17.60	4.80
2100.0	18.26	25.24	16.15	11.25	1.25	0.73	29.35	17.13	4.85
2200.0	18.10	25.27	15.92	11.14	1.26	0.74	28.95	16.72	4.84
2300.0	17.95	25.34	15.61	10.94	1.27	0.75	28.95	16.45	4.91
2400.0	17.78	25.29	15.38	10.78	1.28	0.76	28.30	15.98	4.89
2500.0	17.60	25.32	15.11	10.63	1.28	0.77	28.20	15.86	4.91
2600.0	17.43	25.31	14.83	10.47	1.29	0.78	27.98	15.35	4.90
2700.0	17.26	25.22	14.53	10.28	1.28	0.79	27.48	15.09	5.00
2800.0	17.07	25.25	14.16	10.17	1.29	0.80	27.30	14.73	5.02
2900.0	16.87	25.19	13.99	10.10	1.30	0.81	26.97	14.44	5.04
3000.0	16.73	25.14	13.50	9.86	1.29	0.81	26.89	14.19	4.98
3100.0	16.54	25.02	13.34	9.71	1.28	0.82	26.57	13.84	4.94
3200.0	16.34	25.07	13.01	9.64	1.30	0.83	26.45	13.60	5.00
3300.0	16.15	24.95	12.83	9.50	1.29	0.84	25.81	13.14	5.11
3400.0	15.96	24.93	12.55	9.44	1.30	0.85	25.97	12.95	5.05
3500.0	15.76	24.70	12.42	9.26	1.28	0.85	25.87	12.77	5.08
3600.0	15.57	24.75	12.13	9.26	1.30	0.86	25.44	12.29	5.12
3700.0	15.36	24.66	12.00	9.14	1.30	0.87	25.35	12.07	5.16
3800.0	15.19	24.56	11.76	8.98	1.29	0.87	25.37	11.74	5.13
3900.0	14.99	24.41	11.56	8.85	1.28	0.87	25.13	11.61	5.15
4000.0	14.74	24.31	11.58	8.81	1.29	0.88	25.14	11.33	5.20
4100.0	14.55	24.42	11.36	8.78	1.32	0.89	25.02	11.19	5.22
4200.0	14.39	24.32	11.05	8.67	1.31	0.89	24.87	10.87	5.20
4300.0	14.14	24.09	10.98	8.55	1.30	0.89	24.74	10.56	5.29
4400.0	13.97	24.18	10.78	8.46	1.32	0.90	24.64	10.48	5.34
4500.0	13.78	24.29	10.66	8.47	1.36	0.91	24.57	10.19	5.33
4600.0	13.53	23.94	10.50	8.30	1.32	0.91	24.56	9.95	5.34
4700.0	13.34	23.90	10.31	8.19	1.33	0.91	24.39	9.62	5.34
4800.0	13.17	23.79	10.02	8.02	1.31	0.91	24.44	9.62	5.37
4900.0	12.98	23.86	9.82	8.03	1.34	0.92	24.56	9.42	5.44
5000.0	12.70	23.69	9.94	7.90	1.35	0.92	24.55	9.41	5.49

