

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 = 81.8 mA @ Temperature = +25degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
10.0	16.95	23.18	18.20	12.15	1.16	0.74	----	18.77	4.79
30.0	16.80	22.61	17.61	12.66	1.13	0.73	41.59	19.67	4.78
50.0	16.56	22.49	16.47	13.57	1.15	0.75	37.91	19.84	4.72
100.0	16.12	21.86	15.05	15.63	1.14	0.77	38.49	19.90	4.80
200.0	15.83	21.56	14.33	17.62	1.15	0.78	38.58	19.87	4.73
300.0	15.74	21.59	14.16	18.27	1.16	0.79	38.49	19.85	4.96
400.0	15.70	21.51	14.09	18.54	1.16	0.78	38.77	19.79	4.98
500.0	15.68	21.52	14.00	18.80	1.16	0.79	37.53	19.80	4.96
600.0	15.66	21.55	13.89	19.01	1.17	0.79	38.23	19.74	4.97
700.0	15.64	21.56	13.81	19.25	1.17	0.79	38.33	19.71	4.99
800.0	15.62	21.56	13.74	19.28	1.17	0.79	37.78	19.71	4.96
900.0	15.60	21.62	13.67	19.41	1.18	0.80	37.42	19.78	4.97
1000.0	15.59	21.61	13.58	19.53	1.18	0.80	36.62	19.64	5.00
1100.0	15.57	21.64	13.49	19.66	1.19	0.80	36.69	19.63	5.02
1200.0	15.56	21.69	13.42	19.79	1.19	0.80	37.03	19.56	5.04
1300.0	15.54	21.70	13.39	19.66	1.19	0.80	36.16	19.55	5.02
1400.0	15.52	21.76	13.41	19.49	1.20	0.81	35.59	19.59	5.03
1500.0	15.50	21.80	13.45	19.45	1.21	0.81	35.68	19.62	4.99
1600.0	15.47	21.83	13.45	19.54	1.22	0.81	34.94	19.50	5.08
1700.0	15.47	21.87	13.47	19.37	1.22	0.81	35.23	19.46	5.06
1800.0	15.45	21.89	13.54	19.01	1.23	0.81	34.27	19.34	5.08
1900.0	15.43	21.94	13.71	18.62	1.23	0.81	34.44	19.42	5.09
2000.0	15.41	21.97	13.87	18.41	1.24	0.81	34.41	19.36	5.07
2100.0	15.40	22.04	14.06	18.19	1.25	0.81	33.59	19.23	5.01
2200.0	15.38	22.04	14.13	18.01	1.25	0.80	33.57	19.16	5.03
2300.0	15.37	22.09	14.32	17.60	1.26	0.80	33.21	19.12	5.11
2400.0	15.36	22.16	14.56	17.15	1.27	0.80	32.71	18.88	5.09
2500.0	15.33	22.21	14.94	16.85	1.28	0.80	32.20	18.91	5.09
2600.0	15.34	22.20	15.19	16.55	1.28	0.80	31.90	18.66	5.07
2700.0	15.30	22.29	15.48	16.50	1.29	0.80	31.63	18.59	5.11
2800.0	15.29	22.34	15.70	16.13	1.30	0.80	30.93	18.24	5.16
2900.0	15.27	22.39	16.08	15.71	1.31	0.79	30.86	18.13	5.13
3000.0	15.25	22.44	16.59	15.31	1.32	0.79	30.53	18.00	5.07
3100.0	15.23	22.49	16.94	15.19	1.32	0.79	30.32	17.83	5.09
3200.0	15.17	22.61	17.13	15.37	1.34	0.80	30.13	17.65	5.09
3300.0	15.20	22.62	17.75	14.90	1.34	0.79	29.38	17.27	4.99
3400.0	15.19	22.65	18.16	14.49	1.35	0.79	29.34	17.28	5.08
3500.0	15.15	22.69	18.60	14.22	1.35	0.79	29.26	17.14	5.04
3600.0	15.14	22.73	19.05	13.84	1.36	0.78	28.88	16.90	5.18
3800.0	15.13	22.79	20.07	13.54	1.37	0.78	28.77	16.64	5.14
4000.0	15.04	22.92	20.64	13.05	1.39	0.78	28.39	16.18	5.16
4200.0	15.06	23.08	21.94	12.51	1.40	0.78	27.87	15.79	5.14
4400.0	14.98	22.97	22.56	12.04	1.38	0.77	27.58	15.32	5.26
4600.0	14.88	23.22	23.07	11.71	1.42	0.78	27.11	14.94	5.22
4800.0	14.71	23.30	22.52	11.87	1.45	0.79	26.54	14.49	5.32
5000.0	14.79	23.31	25.13	11.01	1.42	0.77	26.00	14.22	5.38
5100.0	14.74	23.36	25.74	10.86	1.43	0.77	25.53	13.87	5.37
5200.0	14.78	23.58	26.48	10.71	1.45	0.78	25.60	13.60	5.38
5400.0	14.76	23.40	30.29	10.56	1.42	0.77	24.59	13.19	5.39
5600.0	14.87	23.88	34.69	10.45	1.47	0.78	24.57	12.80	5.43
5800.0	14.87	23.70	40.46	10.14	1.43	0.77	23.88	12.31	5.50
6000.0	14.91	23.78	28.28	9.74	1.41	0.77	23.40	11.98	5.58



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 = 4.5V, Id = 64.56 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	16.85	23.18	19.22	12.16	1.18	0.74	----	16.91	4.64
30.0	16.69	22.50	18.35	12.40	1.13	0.72	36.64	17.85	4.67
50.0	16.45	22.21	17.11	13.28	1.13	0.74	35.25	17.88	4.57
100.0	16.02	21.70	15.57	15.23	1.14	0.76	34.66	17.96	4.61
200.0	15.73	21.49	14.80	17.12	1.15	0.77	34.85	17.80	4.54
300.0	15.64	21.43	14.63	17.76	1.16	0.78	34.93	17.80	4.81
400.0	15.61	21.39	14.56	18.00	1.16	0.78	34.94	17.80	4.82
500.0	15.58	21.43	14.45	18.22	1.17	0.78	34.48	17.81	4.76
600.0	15.56	21.47	14.34	18.43	1.17	0.79	34.96	17.79	4.78
700.0	15.54	21.42	14.23	18.61	1.17	0.78	34.93	17.80	4.81
800.0	15.52	21.46	14.16	18.68	1.18	0.79	35.06	17.80	4.74
900.0	15.50	21.50	14.09	18.78	1.18	0.79	34.41	17.74	4.81
1000.0	15.49	21.50	14.00	18.87	1.18	0.79	33.71	17.67	4.79
1100.0	15.48	21.53	13.88	19.02	1.19	0.79	34.35	17.68	4.84
1200.0	15.46	21.54	13.83	19.11	1.19	0.79	34.38	17.68	4.83
1300.0	15.44	21.59	13.80	18.94	1.20	0.80	34.27	17.62	4.81
1400.0	15.42	21.60	13.81	18.83	1.20	0.80	33.66	17.64	4.85
1500.0	15.41	21.66	13.84	18.75	1.21	0.80	33.65	17.71	4.79
1600.0	15.38	21.73	13.86	18.85	1.22	0.80	33.49	17.70	4.93
1700.0	15.37	21.73	13.86	18.64	1.22	0.80	33.57	17.72	4.84
1800.0	15.35	21.73	13.94	18.31	1.22	0.80	33.08	17.70	4.92
1900.0	15.33	21.76	14.12	17.96	1.23	0.80	32.80	17.66	4.91
2000.0	15.31	21.87	14.30	17.75	1.24	0.80	32.71	17.62	4.85
2100.0	15.29	21.88	14.48	17.56	1.25	0.80	32.22	17.57	4.78
2200.0	15.28	21.97	14.55	17.36	1.26	0.80	32.44	17.56	4.83
2300.0	15.26	21.96	14.77	16.97	1.26	0.79	32.05	17.59	4.93
2400.0	15.24	22.06	15.03	16.56	1.27	0.80	31.68	17.46	4.88
2500.0	15.22	22.04	15.40	16.26	1.27	0.79	31.19	17.43	4.90
2600.0	15.23	22.05	15.67	15.99	1.28	0.79	31.08	17.35	4.86
2700.0	15.18	22.14	15.98	15.92	1.29	0.79	30.93	17.29	4.90
2800.0	15.17	22.15	16.19	15.60	1.29	0.79	30.15	17.05	4.98
2900.0	15.15	22.21	16.63	15.20	1.30	0.79	30.01	16.98	4.96
3000.0	15.13	22.28	17.14	14.83	1.31	0.78	29.76	16.88	4.87
3100.0	15.10	22.33	17.50	14.69	1.32	0.78	29.43	16.73	4.88
3200.0	15.04	22.43	17.70	14.86	1.34	0.79	29.32	16.61	4.92
3300.0	15.07	22.42	18.37	14.44	1.34	0.78	28.64	16.27	4.81
3400.0	15.05	22.43	18.79	14.01	1.34	0.78	28.52	16.29	4.86
3500.0	15.01	22.50	19.30	13.76	1.35	0.78	28.47	16.18	4.83
3600.0	15.00	22.47	19.79	13.41	1.34	0.77	28.19	15.95	4.95
3800.0	14.97	22.59	20.87	13.14	1.36	0.77	28.01	15.75	4.90
4000.0	14.87	22.68	21.50	12.67	1.37	0.77	27.66	15.32	4.95
4200.0	14.88	22.80	22.90	12.16	1.38	0.77	27.16	14.95	4.93
4400.0	14.79	22.69	23.58	11.73	1.37	0.76	26.95	14.50	5.05
4600.0	14.68	22.94	24.06	11.40	1.40	0.77	26.55	14.09	5.01
4800.0	14.51	22.99	23.45	11.56	1.43	0.78	25.98	13.69	5.06
5000.0	14.57	23.02	26.32	10.75	1.41	0.77	25.47	13.43	5.13
5100.0	14.51	23.02	27.06	10.62	1.41	0.77	25.04	13.09	5.11
5200.0	14.55	23.20	27.80	10.48	1.43	0.77	25.10	12.81	5.11
5400.0	14.51	23.09	32.27	10.36	1.41	0.76	23.98	12.43	5.12
5600.0	14.60	23.49	38.20	10.26	1.44	0.77	24.11	12.01	5.14
5800.0	14.58	23.37	39.63	10.00	1.42	0.77	23.29	11.57	5.25
6000.0	14.60	23.38	27.41	9.64	1.39	0.77	22.85	11.23	5.30



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 = 5.5V, Id = 99.46 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	17.01	22.34	18.33	12.08	1.09	0.69	----	19.55	4.95
30.0	16.86	22.70	17.20	12.82	1.13	0.74	44.53	20.85	5.01
50.0	16.62	22.40	16.18	13.72	1.13	0.75	40.86	21.15	4.92
100.0	16.18	21.96	14.75	15.87	1.14	0.77	41.22	21.09	4.96
200.0	15.88	21.66	14.05	17.95	1.15	0.78	41.53	21.19	4.88
300.0	15.80	21.61	13.88	18.64	1.16	0.79	42.28	21.19	5.18
400.0	15.76	21.61	13.83	18.92	1.16	0.79	41.93	21.03	5.16
500.0	15.74	21.60	13.73	19.17	1.16	0.79	39.43	21.02	5.17
600.0	15.71	21.61	13.63	19.40	1.17	0.79	38.66	20.89	5.15
700.0	15.69	21.62	13.55	19.67	1.17	0.80	39.43	20.79	5.18
800.0	15.68	21.64	13.48	19.71	1.17	0.80	38.76	20.78	5.12
900.0	15.66	21.67	13.41	19.84	1.18	0.80	38.25	20.93	5.16
1000.0	15.64	21.71	13.34	19.99	1.18	0.80	37.01	20.67	5.20
1100.0	15.63	21.72	13.23	20.13	1.19	0.80	36.75	20.59	5.22
1200.0	15.61	21.78	13.19	20.29	1.19	0.81	36.95	20.40	5.20
1300.0	15.60	21.77	13.17	20.13	1.19	0.81	36.16	20.39	5.20
1400.0	15.58	21.80	13.17	20.00	1.20	0.81	35.38	20.40	5.22
1500.0	15.56	21.87	13.21	19.95	1.21	0.81	35.16	20.43	5.20
1600.0	15.53	21.91	13.23	20.07	1.22	0.81	35.15	20.22	5.28
1700.0	15.53	21.95	13.23	19.88	1.22	0.81	34.45	20.16	5.20
1800.0	15.51	21.99	13.32	19.55	1.23	0.81	34.13	19.98	5.28
1900.0	15.49	22.03	13.48	19.15	1.23	0.81	33.63	20.13	5.29
2000.0	15.47	22.06	13.65	18.93	1.24	0.81	33.81	20.11	5.27
2100.0	15.46	22.10	13.81	18.70	1.25	0.81	32.89	19.93	5.25
2200.0	15.45	22.15	13.89	18.51	1.26	0.81	33.09	19.86	5.23
2300.0	15.44	22.20	14.08	18.11	1.26	0.81	32.47	19.75	5.30
2400.0	15.42	22.23	14.31	17.65	1.27	0.81	32.38	19.50	5.29
2500.0	15.40	22.29	14.67	17.31	1.28	0.81	31.36	19.57	5.29
2600.0	15.41	22.30	14.90	17.02	1.28	0.80	31.35	19.26	5.32
2700.0	15.38	22.35	15.18	16.99	1.29	0.80	31.02	19.22	5.31
2800.0	15.37	22.40	15.40	16.60	1.30	0.80	30.42	18.83	5.38
2900.0	15.35	22.46	15.79	16.16	1.31	0.80	30.39	18.73	5.34
3000.0	15.33	22.53	16.28	15.76	1.32	0.80	30.09	18.59	5.29
3100.0	15.32	22.60	16.62	15.61	1.33	0.80	29.85	18.44	5.33
3200.0	15.26	22.68	16.79	15.81	1.34	0.80	29.59	18.26	5.40
3300.0	15.29	22.69	17.41	15.35	1.34	0.80	29.11	17.84	5.23
3400.0	15.28	22.75	17.78	14.89	1.35	0.79	28.95	17.88	5.30
3500.0	15.25	22.81	18.24	14.61	1.36	0.79	28.85	17.72	5.22
3600.0	15.25	22.83	18.69	14.21	1.36	0.79	28.42	17.50	5.39
3800.0	15.24	22.91	19.65	13.93	1.37	0.79	28.32	17.23	5.37
4000.0	15.15	23.03	20.21	13.42	1.39	0.79	27.82	16.75	5.42
4200.0	15.18	23.23	21.52	12.82	1.40	0.78	27.28	16.37	5.37
4400.0	15.11	23.16	22.15	12.38	1.40	0.78	26.85	15.91	5.56
4600.0	15.02	23.41	22.63	12.01	1.43	0.78	26.32	15.55	5.51
4800.0	14.86	23.48	22.11	12.18	1.46	0.79	25.87	15.09	5.54
5000.0	14.95	23.52	24.69	11.28	1.44	0.78	25.30	14.81	5.63
5100.0	14.90	23.54	25.24	11.14	1.44	0.78	25.00	14.47	5.67
5200.0	14.95	23.78	25.94	10.96	1.46	0.78	25.00	14.20	5.67
5400.0	14.94	23.68	29.64	10.80	1.44	0.78	24.16	13.80	5.58
5600.0	15.06	24.10	33.64	10.68	1.48	0.79	24.02	13.38	5.71
5800.0	15.08	24.01	39.96	10.33	1.45	0.78	23.41	12.92	5.88
6000.0	15.14	24.05	28.46	9.90	1.42	0.78	22.96	12.58	5.80



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 = 76.99 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	17.04	23.53	17.75	12.53	1.19	0.76	----	18.57	4.05
30.0	16.87	22.67	17.55	12.60	1.13	0.73	40.53	19.41	4.02
50.0	16.62	22.32	16.51	13.43	1.13	0.74	39.80	19.52	3.97
100.0	16.20	21.87	15.44	15.10	1.14	0.76	39.07	19.60	3.99
200.0	15.92	21.65	14.80	16.86	1.15	0.77	38.28	19.53	3.92
300.0	15.83	21.62	14.08	18.23	1.16	0.78	38.89	19.52	4.19
400.0	15.80	21.57	13.82	18.91	1.16	0.79	38.38	19.51	4.19
500.0	15.78	21.56	13.77	19.05	1.16	0.79	39.26	19.53	4.15
600.0	15.76	21.56	13.62	19.28	1.16	0.79	38.64	19.48	4.18
700.0	15.74	21.58	13.55	19.34	1.16	0.79	38.84	19.49	4.21
800.0	15.72	21.61	13.63	19.05	1.17	0.79	39.11	19.49	4.12
900.0	15.71	21.62	13.68	19.16	1.17	0.79	38.38	19.49	4.17
1000.0	15.70	21.65	13.53	19.45	1.17	0.79	37.54	19.39	4.17
1100.0	15.68	21.65	13.29	19.64	1.18	0.80	37.44	19.40	4.22
1200.0	15.67	21.69	13.19	19.86	1.18	0.80	38.22	19.39	4.18
1300.0	15.65	21.69	13.07	19.93	1.18	0.80	37.45	19.37	4.21
1400.0	15.62	21.75	12.95	19.82	1.19	0.80	36.50	19.42	4.22
1500.0	15.61	21.75	12.92	19.72	1.19	0.80	36.51	19.46	4.19
1600.0	15.59	21.84	12.96	19.81	1.20	0.81	36.69	19.43	4.28
1700.0	15.58	21.81	12.95	19.59	1.20	0.81	36.17	19.43	4.22
1800.0	15.56	21.86	12.93	19.22	1.21	0.81	35.88	19.37	4.27
1900.0	15.53	21.91	13.05	18.92	1.22	0.81	35.39	19.40	4.28
2000.0	15.52	21.94	13.16	18.72	1.22	0.81	35.53	19.35	4.25
2100.0	15.51	21.94	13.29	18.43	1.22	0.80	35.07	19.26	4.21
2200.0	15.48	22.02	13.32	18.14	1.23	0.81	34.79	19.22	4.21
2300.0	15.47	22.05	13.49	17.64	1.24	0.80	34.65	19.22	4.30
2400.0	15.45	22.06	13.82	17.16	1.24	0.80	34.37	19.07	4.27
2500.0	15.44	22.10	14.23	16.67	1.25	0.79	33.78	19.09	4.28
2600.0	15.42	22.19	14.40	16.56	1.26	0.80	33.41	18.95	4.28
2700.0	15.43	22.17	14.77	16.18	1.26	0.79	33.05	18.87	4.27
2800.0	15.40	22.20	15.09	15.89	1.27	0.79	32.32	18.61	4.32
2900.0	15.36	22.34	15.53	15.64	1.29	0.79	32.23	18.52	4.29
3000.0	15.38	22.32	16.12	15.13	1.28	0.78	32.09	18.42	4.27
3100.0	15.38	22.37	16.44	15.05	1.29	0.78	31.63	18.26	4.21
3200.0	15.32	22.43	16.35	15.23	1.31	0.79	31.45	18.14	4.26
3300.0	15.34	22.44	16.62	14.79	1.30	0.78	30.69	17.73	4.12
3400.0	15.31	22.50	16.83	14.43	1.31	0.78	30.51	17.74	4.20
3500.0	15.31	22.50	17.10	13.82	1.31	0.77	30.50	17.67	4.17
3600.0	15.30	22.57	17.64	13.66	1.32	0.77	30.14	17.44	4.29
3800.0	15.25	22.72	17.79	13.60	1.34	0.78	30.10	17.33	4.24
4000.0	15.17	22.82	17.84	12.97	1.36	0.78	29.83	16.92	4.29
4200.0	15.19	22.89	18.24	12.48	1.36	0.77	29.54	16.57	4.28
4400.0	15.20	22.92	18.76	11.86	1.35	0.76	29.58	16.14	4.37
4600.0	15.03	23.07	18.76	11.55	1.38	0.77	29.16	15.74	4.38
4800.0	15.12	23.05	20.01	11.06	1.36	0.75	28.70	15.33	4.43
5000.0	15.14	23.33	21.00	10.60	1.38	0.75	28.39	15.12	4.51
5100.0	15.04	23.24	20.67	10.35	1.37	0.75	27.87	14.70	4.50
5200.0	15.07	23.16	22.02	9.95	1.35	0.74	27.81	14.39	4.52
5400.0	15.06	23.36	22.63	10.15	1.38	0.75	26.95	14.14	4.50
5600.0	14.90	23.24	22.11	10.23	1.38	0.75	27.12	13.65	4.53
5800.0	15.20	23.63	27.10	9.63	1.38	0.74	26.19	13.14	4.61
6000.0	14.95	23.19	23.55	9.47	1.34	0.73	25.88	12.83	4.67



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 = 4.5V, Id =59.17 mA @ Temperature = -45degC

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	16.91	22.63	19.05	11.73	1.12	0.71	---	16.62	3.88
30.0	16.75	22.57	18.21	12.33	1.13	0.72	37.49	17.52	3.90
50.0	16.51	22.35	17.14	13.12	1.14	0.74	34.94	17.46	3.84
100.0	16.09	21.83	15.97	14.77	1.14	0.75	34.79	17.56	3.89
200.0	15.82	21.54	15.31	16.41	1.15	0.76	34.47	17.33	3.78
300.0	15.73	21.44	14.55	17.70	1.15	0.77	35.54	17.34	4.02
400.0	15.70	21.43	14.28	18.32	1.15	0.78	35.13	17.43	4.06
500.0	15.68	21.41	14.22	18.44	1.16	0.78	34.79	17.43	4.04
600.0	15.66	21.43	14.03	18.65	1.16	0.78	34.70	17.41	4.06
700.0	15.64	21.45	13.97	18.71	1.16	0.78	35.44	17.43	4.08
800.0	15.62	21.49	14.08	18.45	1.17	0.78	34.98	17.43	4.00
900.0	15.61	21.48	14.12	18.52	1.17	0.78	34.52	17.28	4.05
1000.0	15.60	21.50	13.93	18.80	1.17	0.79	34.02	17.26	4.05
1100.0	15.58	21.53	13.69	18.96	1.18	0.79	34.49	17.32	4.09
1200.0	15.56	21.57	13.59	19.15	1.18	0.79	34.57	17.36	4.04
1300.0	15.54	21.57	13.47	19.21	1.18	0.79	34.44	17.26	4.03
1400.0	15.52	21.62	13.31	19.10	1.19	0.80	33.66	17.28	4.05
1500.0	15.50	21.63	13.28	19.01	1.19	0.80	33.95	17.34	4.05
1600.0	15.49	21.69	13.34	19.08	1.20	0.80	33.84	17.39	4.17
1700.0	15.47	21.71	13.34	18.86	1.20	0.80	33.62	17.38	4.09
1800.0	15.46	21.73	13.31	18.50	1.21	0.80	33.45	17.43	4.15
1900.0	15.42	21.75	13.44	18.20	1.21	0.80	33.06	17.33	4.17
2000.0	15.41	21.79	13.54	18.04	1.22	0.80	33.03	17.27	4.07
2100.0	15.40	21.82	13.68	17.75	1.23	0.80	32.67	17.27	4.07
2200.0	15.37	21.87	13.70	17.45	1.23	0.80	32.82	17.35	4.06
2300.0	15.36	21.91	13.87	17.01	1.24	0.79	32.68	17.42	4.16
2400.0	15.34	21.93	14.23	16.54	1.24	0.79	32.39	17.35	4.13
2500.0	15.33	22.01	14.66	16.09	1.25	0.79	31.78	17.25	4.10
2600.0	15.30	22.06	14.85	15.95	1.26	0.79	31.82	17.30	4.14
2700.0	15.31	22.01	15.22	15.62	1.26	0.78	31.60	17.26	4.14
2800.0	15.28	22.07	15.56	15.33	1.27	0.78	30.90	17.10	4.18
2900.0	15.24	22.15	16.00	15.10	1.28	0.78	30.81	17.07	4.14
3000.0	15.26	22.15	16.65	14.62	1.28	0.77	30.59	17.02	4.08
3100.0	15.25	22.13	16.98	14.55	1.28	0.77	30.27	16.89	4.07
3200.0	15.20	22.27	16.86	14.72	1.30	0.78	30.12	16.84	4.11
3300.0	15.21	22.24	17.16	14.31	1.30	0.77	29.34	16.56	3.99
3400.0	15.18	22.29	17.36	13.95	1.30	0.77	29.38	16.56	4.04
3500.0	15.17	22.28	17.67	13.38	1.30	0.76	29.34	16.51	4.01
3600.0	15.16	22.36	18.20	13.22	1.31	0.76	28.99	16.30	4.13
3800.0	15.10	22.45	18.37	13.16	1.33	0.77	28.96	16.25	4.08
4000.0	15.02	22.59	18.42	12.54	1.34	0.76	28.68	15.92	4.15
4200.0	15.03	22.62	18.86	12.09	1.34	0.76	28.23	15.58	4.08
4400.0	15.03	22.65	19.37	11.50	1.33	0.75	28.18	15.18	4.25
4600.0	14.85	22.78	19.32	11.19	1.36	0.75	27.84	14.78	4.16
4800.0	14.92	22.74	20.63	10.76	1.34	0.74	27.42	14.39	4.26
5000.0	14.93	23.00	21.65	10.29	1.36	0.74	27.17	14.21	4.29
5100.0	14.83	22.94	21.42	10.09	1.36	0.74	26.52	13.84	4.36
5200.0	14.84	22.86	22.68	9.73	1.33	0.73	26.56	13.51	4.32
5400.0	14.83	22.99	23.33	9.91	1.36	0.74	25.67	13.28	4.32
5600.0	14.65	22.95	22.68	10.00	1.37	0.74	25.75	12.78	4.34
5800.0	14.93	23.25	28.40	9.47	1.36	0.73	24.99	12.29	4.40
6000.0	14.68	22.85	23.91	9.29	1.33	0.73	24.60	11.97	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 = 5.5V, Id = 93.95 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	17.07	22.56	18.36	12.16	1.11	0.70	----	19.82	4.25
30.0	16.93	22.71	17.18	12.72	1.13	0.73	45.11	20.87	4.13
50.0	16.68	22.37	16.11	13.54	1.12	0.74	47.43	21.05	4.11
100.0	16.26	21.97	15.11	15.32	1.14	0.76	43.00	21.14	4.14
200.0	15.98	21.72	14.49	17.15	1.15	0.77	42.84	21.16	4.07
300.0	15.89	21.67	13.81	18.56	1.15	0.79	41.84	21.18	4.24
400.0	15.85	21.65	13.58	19.22	1.16	0.79	42.01	21.11	4.34
500.0	15.84	21.63	13.53	19.41	1.16	0.79	42.28	21.15	4.32
600.0	15.82	21.64	13.38	19.66	1.16	0.79	39.96	21.06	4.33
700.0	15.79	21.63	13.31	19.69	1.16	0.79	41.59	21.01	4.33
800.0	15.78	21.65	13.39	19.42	1.16	0.79	40.65	21.04	4.30
900.0	15.77	21.67	13.45	19.51	1.17	0.79	39.77	21.15	4.32
1000.0	15.76	21.68	13.29	19.84	1.17	0.80	39.76	20.96	4.29
1100.0	15.74	21.72	13.06	20.03	1.17	0.80	38.97	20.92	4.32
1200.0	15.72	21.76	12.98	20.29	1.18	0.80	39.35	20.78	4.37
1300.0	15.70	21.79	12.86	20.39	1.18	0.81	38.79	20.77	4.34
1400.0	15.68	21.83	12.74	20.27	1.19	0.81	38.12	20.79	4.37
1500.0	15.66	21.82	12.71	20.18	1.19	0.81	38.57	20.77	4.33
1600.0	15.65	21.89	12.75	20.28	1.20	0.81	38.01	20.62	4.44
1700.0	15.63	21.89	12.74	20.10	1.20	0.81	37.12	20.59	4.35
1800.0	15.62	21.92	12.72	19.73	1.21	0.81	37.39	20.47	4.41
1900.0	15.59	21.99	12.85	19.36	1.22	0.81	36.31	20.56	4.41
2000.0	15.58	22.01	12.95	19.21	1.22	0.81	37.63	20.51	4.41
2100.0	15.57	22.03	13.06	18.87	1.23	0.81	35.62	20.36	4.38
2200.0	15.54	22.10	13.10	18.59	1.23	0.81	35.77	20.29	4.38
2300.0	15.53	22.11	13.26	18.10	1.24	0.81	34.97	20.27	4.45
2400.0	15.52	22.16	13.59	17.58	1.25	0.81	34.96	20.04	4.41
2500.0	15.51	22.21	13.98	17.09	1.25	0.80	34.14	20.15	4.42
2600.0	15.49	22.27	14.15	16.98	1.26	0.80	34.00	19.88	4.37
2700.0	15.50	22.26	14.50	16.57	1.26	0.80	33.68	19.82	4.42
2800.0	15.48	22.29	14.82	16.26	1.27	0.79	32.75	19.51	4.48
2900.0	15.43	22.44	15.22	16.00	1.29	0.80	32.92	19.41	4.44
3000.0	15.46	22.40	15.82	15.46	1.28	0.79	32.45	19.32	4.42
3100.0	15.45	22.44	16.11	15.38	1.29	0.79	32.27	19.15	4.39
3200.0	15.40	22.55	16.02	15.58	1.31	0.79	32.01	18.99	4.43
3300.0	15.43	22.55	16.32	15.11	1.31	0.79	31.31	18.57	4.32
3400.0	15.40	22.61	16.49	14.76	1.31	0.79	31.07	18.60	4.38
3500.0	15.40	22.61	16.76	14.14	1.31	0.78	31.08	18.53	4.35
3600.0	15.40	22.70	17.29	13.97	1.32	0.78	30.63	18.28	4.45
3800.0	15.35	22.83	17.44	13.90	1.34	0.78	30.81	18.11	4.39
4000.0	15.27	22.95	17.50	13.24	1.36	0.78	30.46	17.68	4.46
4200.0	15.30	23.04	17.86	12.74	1.36	0.78	30.22	17.33	4.42
4400.0	15.33	23.07	18.40	12.10	1.36	0.76	30.30	16.91	4.57
4600.0	15.16	23.22	18.37	11.78	1.39	0.77	29.75	16.52	4.55
4800.0	15.26	23.24	19.59	11.27	1.37	0.76	29.40	16.09	4.62
5000.0	15.30	23.51	20.52	10.79	1.38	0.76	29.07	15.88	4.66
5100.0	15.20	23.48	20.24	10.55	1.39	0.75	28.47	15.47	4.75
5200.0	15.23	23.38	21.54	10.11	1.36	0.74	28.47	15.17	4.69
5400.0	15.25	23.56	22.16	10.31	1.38	0.75	27.68	14.88	4.71
5600.0	15.08	23.49	21.37	10.40	1.40	0.76	27.55	14.42	4.74
5800.0	15.40	23.96	26.20	9.73	1.39	0.75	26.74	13.91	4.83
6000.0	15.22	23.42	23.45	9.55	1.34	0.73	26.41	13.59	4.89



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 = 85.44 mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
10.0	16.87	23.33	18.74	12.28	1.19	0.75	----	18.69	5.32
30.0	16.73	22.57	17.72	12.67	1.14	0.73	41.64	19.78	5.31
50.0	16.49	22.38	16.51	13.66	1.15	0.75	39.75	19.99	5.28
100.0	16.05	21.78	14.80	15.94	1.14	0.77	38.77	20.00	5.33
200.0	15.75	21.51	13.85	18.46	1.15	0.78	38.71	20.01	5.29
300.0	15.66	21.47	13.89	18.98	1.16	0.79	39.26	19.98	5.49
400.0	15.62	21.46	14.06	18.85	1.16	0.79	37.99	19.85	5.56
500.0	15.59	21.50	14.03	18.82	1.17	0.79	38.63	19.87	5.51
600.0	15.57	21.49	14.01	18.89	1.17	0.79	38.24	19.76	5.55
700.0	15.55	21.53	14.07	18.93	1.18	0.79	37.89	19.70	5.57
800.0	15.53	21.55	14.09	18.87	1.18	0.79	37.60	19.70	5.50
900.0	15.51	21.56	14.08	18.93	1.18	0.79	36.94	19.83	5.55
1000.0	15.50	21.59	14.05	19.03	1.19	0.80	35.81	19.64	5.56
1100.0	15.49	21.59	13.96	19.13	1.19	0.80	35.65	19.61	5.59
1200.0	15.47	21.65	13.93	19.29	1.20	0.80	35.43	19.47	5.60
1300.0	15.45	21.68	13.95	19.22	1.20	0.80	35.26	19.46	5.59
1400.0	15.43	21.71	14.01	19.09	1.21	0.80	34.39	19.47	5.61
1500.0	15.42	21.77	14.06	19.16	1.22	0.80	34.40	19.50	5.57
1600.0	15.40	21.83	14.03	19.34	1.23	0.81	33.65	19.32	5.70
1700.0	15.39	21.86	13.97	19.30	1.23	0.81	33.61	19.25	5.62
1800.0	15.37	21.90	14.01	19.07	1.24	0.81	32.99	19.09	5.67
1900.0	15.34	21.94	14.28	18.65	1.25	0.81	32.87	19.18	5.68
2000.0	15.32	21.98	14.45	18.41	1.25	0.81	32.64	19.14	5.65
2100.0	15.31	22.01	14.65	18.25	1.26	0.80	31.82	18.97	5.58
2200.0	15.29	22.08	14.73	18.20	1.27	0.81	31.74	18.89	5.62
2300.0	15.28	22.12	14.99	17.74	1.28	0.80	31.46	18.75	5.72
2400.0	15.25	22.21	15.23	17.35	1.29	0.80	30.87	18.47	5.69
2500.0	15.23	22.28	15.59	17.01	1.30	0.80	30.36	18.49	5.70
2600.0	15.23	22.29	15.86	16.80	1.30	0.80	30.23	18.21	5.69
2700.0	15.21	22.29	16.23	16.67	1.31	0.80	29.95	18.12	5.69
2800.0	15.19	22.37	16.50	16.46	1.32	0.80	29.25	17.73	5.74
2900.0	15.14	22.47	16.84	16.22	1.34	0.80	29.20	17.61	5.75
3000.0	15.14	22.45	17.63	15.68	1.33	0.80	28.82	17.44	5.71
3100.0	15.12	22.53	18.08	15.60	1.35	0.80	28.50	17.27	5.70
3200.0	15.08	22.61	18.38	15.73	1.36	0.80	28.30	17.07	5.72
3300.0	15.09	22.64	19.08	15.36	1.36	0.80	27.83	16.70	5.65
3400.0	15.06	22.68	19.60	15.05	1.37	0.80	27.56	16.68	5.71
3500.0	15.04	22.69	20.41	14.51	1.37	0.79	27.46	16.46	5.70
3600.0	15.03	22.74	21.50	14.29	1.38	0.79	26.96	16.23	5.81
3800.0	14.92	22.91	22.39	14.42	1.41	0.80	26.66	15.86	5.76
4000.0	14.83	22.96	24.13	13.54	1.42	0.80	26.11	15.38	5.80
4200.0	14.80	23.07	27.09	13.07	1.43	0.80	25.40	14.93	5.79
4400.0	14.78	23.16	29.80	12.55	1.44	0.79	24.97	14.49	5.92
4600.0	14.58	23.29	29.52	12.07	1.47	0.80	24.46	14.09	5.90
4800.0	14.56	23.22	34.45	11.57	1.45	0.79	24.07	13.62	5.96
5000.0	14.48	23.45	34.18	11.52	1.49	0.80	23.42	13.28	6.01
5100.0	14.50	23.44	35.55	10.74	1.46	0.79	23.15	12.99	6.00
5200.0	14.39	23.32	35.30	10.67	1.45	0.79	23.22	12.75	5.98
5400.0	14.36	23.41	32.78	10.75	1.47	0.80	22.39	12.34	6.03
5600.0	14.26	23.51	30.76	10.77	1.49	0.80	22.29	11.94	6.09
5800.0	14.30	23.63	24.01	10.38	1.48	0.81	21.72	11.48	6.18
6000.0	14.10	23.47	19.62	10.28	1.46	0.82	21.31	11.12	6.26



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 = 4.5V, Id = 67.83 mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
					K	Measure			
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
10.0	16.75	22.75	19.71	11.87	1.15	0.72	----	17.14	5.11
30.0	16.62	22.52	18.44	12.41	1.14	0.73	35.94	18.11	5.17
50.0	16.38	22.26	17.04	13.36	1.14	0.75	35.56	18.18	5.11
100.0	15.95	21.70	15.31	15.53	1.14	0.76	35.02	18.26	5.17
200.0	15.65	21.42	14.29	17.93	1.15	0.78	35.32	18.19	5.12
300.0	15.56	21.35	14.36	18.41	1.16	0.78	35.42	18.15	5.36
400.0	15.52	21.34	14.52	18.25	1.16	0.78	35.74	18.10	5.37
500.0	15.49	21.37	14.49	18.18	1.17	0.78	35.08	18.12	5.38
600.0	15.47	21.37	14.48	18.28	1.17	0.78	35.03	18.08	5.37
700.0	15.45	21.39	14.53	18.34	1.18	0.78	35.24	18.05	5.39
800.0	15.43	21.43	14.55	18.27	1.18	0.79	35.12	18.04	5.32
900.0	15.41	21.47	14.53	18.29	1.19	0.79	34.87	18.03	5.37
1000.0	15.40	21.46	14.49	18.38	1.19	0.79	33.90	17.94	5.34
1100.0	15.38	21.49	14.40	18.48	1.19	0.79	34.12	17.94	5.40
1200.0	15.37	21.53	14.36	18.62	1.20	0.79	34.33	17.91	5.41
1300.0	15.35	21.58	14.38	18.56	1.21	0.79	34.18	17.88	5.37
1400.0	15.33	21.61	14.44	18.42	1.21	0.79	33.33	17.90	5.42
1500.0	15.32	21.64	14.47	18.48	1.22	0.80	33.52	17.96	5.39
1600.0	15.29	21.67	14.45	18.62	1.22	0.80	33.26	17.91	5.49
1700.0	15.28	21.69	14.40	18.54	1.23	0.80	33.02	17.89	5.44
1800.0	15.26	21.76	14.43	18.33	1.24	0.80	32.51	17.83	5.50
1900.0	15.23	21.82	14.71	17.91	1.25	0.80	32.22	17.85	5.50
2000.0	15.21	21.88	14.88	17.71	1.26	0.80	32.32	17.80	5.47
2100.0	15.20	21.92	15.08	17.55	1.26	0.80	31.90	17.71	5.40
2200.0	15.17	21.94	15.16	17.47	1.27	0.80	31.82	17.64	5.42
2300.0	15.16	21.98	15.43	17.03	1.28	0.80	31.58	17.62	5.52
2400.0	15.13	22.09	15.70	16.67	1.29	0.80	31.00	17.44	5.47
2500.0	15.11	22.13	16.05	16.35	1.30	0.80	30.54	17.41	5.48
2600.0	15.10	22.14	16.35	16.14	1.30	0.79	30.36	17.24	5.47
2700.0	15.08	22.15	16.73	16.02	1.31	0.79	30.11	17.14	5.50
2800.0	15.06	22.21	17.03	15.82	1.32	0.79	29.37	16.83	5.58
2900.0	15.01	22.32	17.37	15.59	1.33	0.80	29.28	16.72	5.54
3000.0	15.01	22.34	18.19	15.09	1.34	0.79	28.98	16.58	5.48
3100.0	14.98	22.38	18.67	15.00	1.34	0.79	28.65	16.41	5.47
3200.0	14.93	22.45	18.98	15.14	1.36	0.79	28.41	16.24	5.53
3300.0	14.95	22.49	19.72	14.79	1.36	0.79	27.81	15.88	5.41
3400.0	14.91	22.53	20.25	14.47	1.37	0.79	27.68	15.88	5.48
3500.0	14.89	22.54	21.12	13.95	1.37	0.79	27.49	15.68	5.47
3600.0	14.87	22.57	22.25	13.75	1.37	0.78	27.17	15.46	5.60
3800.0	14.76	22.70	23.14	13.88	1.40	0.79	26.87	15.12	5.51
4000.0	14.66	22.74	25.11	13.03	1.41	0.79	26.26	14.66	5.59
4200.0	14.62	22.82	28.12	12.63	1.42	0.79	25.59	14.23	5.54
4400.0	14.59	22.87	30.95	12.14	1.42	0.79	25.13	13.79	5.65
4600.0	14.39	23.04	30.20	11.67	1.45	0.79	24.63	13.38	5.62
4800.0	14.36	22.94	34.39	11.21	1.43	0.78	24.15	12.91	5.69
5000.0	14.26	23.18	33.65	11.15	1.47	0.79	23.53	12.62	5.74
5100.0	14.28	23.11	33.89	10.44	1.43	0.78	23.16	12.30	5.76
5200.0	14.17	23.06	33.69	10.36	1.44	0.78	23.25	12.07	5.73
5400.0	14.13	23.11	32.06	10.44	1.45	0.79	22.27	11.65	5.76
5600.0	14.03	23.19	30.58	10.49	1.47	0.80	22.28	11.24	5.81
5800.0	14.06	23.31	23.97	10.14	1.46	0.80	21.63	10.80	5.89
6000.0	13.85	23.18	19.80	10.04	1.45	0.81	21.15	10.45	5.93



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 = 5.5V, Id = 103.51 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	16.95	23.04	18.20	12.48	1.16	0.74	----	19.27	5.43
30.0	16.79	22.65	17.27	12.89	1.14	0.74	37.79	20.59	5.51
50.0	16.55	22.19	16.07	13.83	1.12	0.74	38.58	21.01	5.45
100.0	16.11	21.84	14.48	16.17	1.14	0.77	40.24	20.84	5.52
200.0	15.81	21.64	13.56	18.84	1.16	0.79	42.16	20.96	5.46
300.0	15.72	21.55	13.62	19.40	1.16	0.79	39.08	20.94	5.66
400.0	15.68	21.53	13.77	19.26	1.16	0.79	39.65	20.73	5.72
500.0	15.65	21.56	13.75	19.23	1.17	0.79	39.31	20.72	5.73
600.0	15.63	21.57	13.73	19.32	1.17	0.79	38.55	20.55	5.76
700.0	15.61	21.60	13.80	19.39	1.18	0.80	37.66	20.44	5.73
800.0	15.59	21.62	13.82	19.34	1.18	0.80	37.24	20.43	5.69
900.0	15.57	21.61	13.82	19.39	1.18	0.80	37.03	20.61	5.73
1000.0	15.56	21.66	13.79	19.50	1.19	0.80	36.47	20.32	5.76
1100.0	15.55	21.70	13.72	19.65	1.19	0.80	35.89	20.25	5.77
1200.0	15.53	21.72	13.69	19.84	1.20	0.80	35.78	20.03	5.81
1300.0	15.51	21.74	13.70	19.80	1.20	0.80	34.81	20.02	5.76
1400.0	15.49	21.78	13.78	19.69	1.21	0.81	34.15	20.03	5.78
1500.0	15.49	21.82	13.83	19.76	1.22	0.81	34.20	20.06	5.77
1600.0	15.47	21.88	13.79	20.00	1.22	0.81	33.74	19.84	5.90
1700.0	15.45	21.90	13.79	20.01	1.23	0.81	33.44	19.71	5.82
1800.0	15.44	21.97	13.81	19.81	1.24	0.81	32.88	19.49	5.87
1900.0	15.41	21.99	14.08	19.38	1.25	0.81	32.59	19.64	5.89
2000.0	15.39	22.02	14.27	19.11	1.25	0.81	32.48	19.62	5.83
2100.0	15.38	22.07	14.46	18.98	1.26	0.81	31.90	19.43	5.78
2200.0	15.36	22.17	14.56	18.99	1.27	0.81	31.65	19.35	5.83
2300.0	15.35	22.15	14.82	18.49	1.27	0.81	31.39	19.16	5.89
2400.0	15.33	22.23	15.06	18.09	1.29	0.81	30.80	18.87	5.88
2500.0	15.31	22.28	15.43	17.75	1.29	0.81	30.29	18.91	5.93
2600.0	15.31	22.34	15.72	17.55	1.30	0.81	30.02	18.59	5.92
2700.0	15.29	22.34	16.09	17.42	1.31	0.80	29.80	18.53	5.92
2800.0	15.27	22.41	16.37	17.25	1.32	0.80	29.04	18.12	5.98
2900.0	15.22	22.51	16.74	17.02	1.34	0.81	29.04	17.99	5.97
3000.0	15.22	22.54	17.53	16.43	1.34	0.80	28.70	17.82	5.94
3100.0	15.20	22.61	18.03	16.35	1.35	0.80	28.33	17.68	5.95
3200.0	15.16	22.67	18.32	16.55	1.36	0.81	28.14	17.44	5.95
3300.0	15.17	22.69	19.06	16.16	1.36	0.80	27.64	17.05	5.86
3400.0	15.14	22.71	19.60	15.84	1.37	0.80	27.33	17.05	5.96
3500.0	15.13	22.75	20.46	15.25	1.37	0.80	27.20	16.82	5.93
3600.0	15.11	22.82	21.59	15.03	1.38	0.80	26.74	16.62	6.07
3800.0	15.00	22.99	22.56	15.21	1.42	0.81	26.42	16.27	6.04
4000.0	14.91	23.01	24.39	14.32	1.43	0.80	25.85	15.77	6.08
4200.0	14.88	23.13	27.78	13.80	1.44	0.80	25.19	15.33	6.04
4400.0	14.85	23.23	31.01	13.26	1.45	0.80	24.70	14.89	6.18
4600.0	14.66	23.35	30.96	12.74	1.48	0.81	24.27	14.54	6.15
4800.0	14.63	23.37	36.30	12.22	1.47	0.80	23.87	14.06	6.23
5000.0	14.54	23.57	35.11	12.19	1.51	0.81	23.31	13.72	6.30
5100.0	14.56	23.59	33.31	11.36	1.48	0.80	23.05	13.46	6.29
5200.0	14.45	23.50	32.73	11.28	1.48	0.81	23.14	13.21	6.29
5400.0	14.41	23.61	30.35	11.38	1.50	0.81	22.39	12.77	6.34
5600.0	14.30	23.68	28.18	11.46	1.52	0.82	22.24	12.40	6.42
5800.0	14.33	23.84	22.58	11.03	1.52	0.83	21.75	11.98	6.53
6000.0	14.11	23.74	18.71	10.94	1.51	0.84	21.36	11.61	6.60

