

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 = 116.51mA @ 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)
2.0	17.94	23.68	17.08	20.59	1.21	0.73	37.37	19.93	--
3.0	17.95	23.77	16.79	21.81	1.22	0.74	36.73	20.09	--
4.0	17.94	23.73	16.87	21.96	1.22	0.74	36.25	20.14	--
5.0	17.94	23.77	16.83	22.05	1.22	0.74	35.35	19.92	--
6.0	17.96	23.69	16.90	21.94	1.21	0.73	34.82	19.87	--
7.0	17.96	23.65	16.87	22.06	1.21	0.73	34.62	19.84	--
8.0	17.96	23.66	16.87	21.96	1.21	0.73	34.41	19.71	--
9.0	17.96	23.64	16.91	21.76	1.21	0.73	34.25	19.70	--
10.0	17.98	23.69	16.85	22.01	1.21	0.73	34.42	19.51	5.44
20.0	18.00	23.70	16.85	21.97	1.21	0.73	35.10	19.41	3.98
30.0	18.00	23.65	16.78	22.08	1.20	0.73	37.61	19.85	3.25
40.0	18.04	23.62	16.80	22.26	1.20	0.73	42.96	19.93	3.16
50.0	18.05	23.60	16.76	22.26	1.20	0.72	38.88	20.02	3.03
60.0	18.05	23.64	16.79	22.48	1.20	0.73	38.70	20.12	3.03
80.0	18.07	23.58	16.85	22.21	1.19	0.72	38.61	19.99	3.19
90.0	18.06	23.63	16.84	22.34	1.20	0.73	38.36	19.86	3.04
100.0	18.07	23.60	16.92	22.30	1.20	0.72	37.81	19.77	2.93
120.0	18.08	23.60	16.96	22.51	1.20	0.72	37.60	19.73	2.93
140.0	18.05	23.61	16.57	21.68	1.20	0.73	38.16	19.99	2.94
150.0	18.06	23.59	16.59	21.78	1.19	0.72	37.87	19.94	2.99
180.0	18.11	23.61	16.31	21.19	1.19	0.72	37.72	19.62	3.09
200.0	18.12	23.57	16.30	21.20	1.19	0.72	38.07	19.74	3.09
210.0	18.08	23.64	16.32	21.14	1.19	0.72	37.87	19.91	3.05
220.0	18.06	23.50	16.26	20.95	1.19	0.72	38.05	19.81	3.00
230.0	18.09	23.56	16.40	20.96	1.19	0.72	38.34	19.75	2.97
240.0	18.07	23.61	16.61	20.99	1.19	0.72	37.97	19.61	3.03
250.0	18.06	23.54	16.52	21.02	1.19	0.72	37.58	19.53	3.10
300.0	18.06	23.58	16.33	20.92	1.19	0.72	37.66	19.68	3.10
350.0	18.07	23.53	15.64	20.68	1.18	0.72	37.49	19.79	3.16
400.0	18.01	23.56	15.46	19.83	1.19	0.73	37.79	19.69	3.43

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 4.75V, Id = 105.17mA @ 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)
2.0	17.95	23.82	16.94	20.40	1.22	0.74	38.09	19.77	--
3.0	17.92	23.75	16.70	21.66	1.22	0.74	37.34	20.00	--
4.0	17.92	23.76	16.75	21.87	1.22	0.74	36.09	19.91	--
5.0	17.91	23.75	16.78	21.79	1.22	0.74	35.93	19.85	--
6.0	17.93	23.76	16.73	21.82	1.22	0.74	34.94	19.78	--
7.0	17.93	23.67	16.73	21.87	1.21	0.74	34.79	19.79	--
8.0	17.95	23.66	16.78	21.72	1.21	0.73	34.62	19.65	--
9.0	17.94	23.68	16.80	21.95	1.21	0.74	34.70	19.68	--
10.0	17.97	23.71	16.73	21.47	1.21	0.73	34.90	19.53	5.69
20.0	17.96	23.66	16.74	21.78	1.21	0.73	35.42	19.38	3.93
30.0	17.99	23.65	16.67	21.83	1.21	0.73	38.05	19.77	3.18
40.0	18.03	23.62	16.63	22.04	1.20	0.73	51.15	19.92	3.11
50.0	18.05	23.57	16.66	22.16	1.19	0.72	40.10	19.89	2.94
60.0	18.02	23.59	16.76	22.23	1.20	0.73	39.53	20.01	2.94
80.0	18.04	23.59	16.72	22.22	1.20	0.72	39.14	19.94	3.14
90.0	18.04	23.58	16.71	21.96	1.20	0.72	39.82	19.83	2.96
100.0	18.05	23.56	16.77	22.15	1.19	0.72	38.92	19.62	2.89
120.0	18.03	23.56	16.73	21.80	1.19	0.72	38.86	19.66	2.89
140.0	18.04	23.56	16.73	21.99	1.19	0.72	38.89	19.81	2.88
150.0	18.02	23.52	16.62	21.55	1.19	0.72	39.12	19.76	2.90
180.0	18.06	23.51	16.22	21.49	1.19	0.72	38.77	19.54	3.23
200.0	18.01	23.55	16.31	20.57	1.19	0.72	38.85	19.57	3.23
210.0	18.07	23.49	16.04	21.10	1.18	0.72	39.23	19.80	3.05
220.0	18.09	23.51	16.22	21.04	1.18	0.72	39.18	19.69	2.95
230.0	18.10	23.58	16.03	20.91	1.19	0.72	39.21	19.71	2.96
240.0	18.07	23.47	16.23	20.83	1.18	0.71	38.74	19.50	2.97
250.0	18.11	23.54	16.46	21.01	1.19	0.71	38.60	19.50	3.04
300.0	18.04	23.57	16.20	21.05	1.19	0.72	39.13	19.59	3.04
350.0	18.06	23.61	15.60	20.39	1.19	0.73	38.49	19.72	3.12
400.0	18.03	23.57	15.41	20.26	1.19	0.73	38.97	19.56	3.35

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 = 127.91mA @ 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)
2.0	18.06	23.48	17.06	20.18	1.19	0.71	35.27	19.74	--
3.0	17.97	23.71	17.02	21.54	1.21	0.73	35.06	20.00	--
4.0	17.97	23.74	16.97	21.94	1.21	0.74	34.69	20.14	--
5.0	17.94	23.71	17.03	22.06	1.21	0.74	34.08	19.83	--
6.0	17.96	23.72	16.98	21.85	1.21	0.74	33.74	19.79	--
7.0	17.96	23.77	16.99	22.14	1.22	0.74	33.53	19.78	--
8.0	17.96	23.62	17.05	22.05	1.21	0.73	33.54	19.73	--
9.0	17.98	23.66	16.99	21.99	1.21	0.73	33.38	19.66	--
10.0	18.00	23.65	17.00	21.76	1.20	0.73	33.26	19.51	6.09
20.0	18.02	23.64	16.92	22.11	1.20	0.73	33.90	19.34	4.19
30.0	18.03	23.66	16.85	21.97	1.20	0.73	35.98	19.91	3.40
40.0	18.04	23.65	16.87	22.36	1.20	0.73	38.24	20.01	3.27
50.0	18.07	23.59	16.87	22.42	1.20	0.72	36.26	20.06	3.13
60.0	18.08	23.60	16.86	22.43	1.20	0.72	36.02	20.08	3.13
80.0	18.06	23.60	16.94	22.35	1.20	0.72	36.13	20.04	3.28
90.0	18.08	23.59	16.89	22.35	1.19	0.72	35.79	19.87	3.10
100.0	18.08	23.63	16.96	22.41	1.20	0.72	35.40	19.70	3.02
120.0	18.09	23.56	17.06	22.43	1.19	0.72	35.42	19.71	3.02
140.0	18.08	23.56	16.74	21.86	1.19	0.72	35.71	19.97	3.01
150.0	18.06	23.51	16.70	21.32	1.19	0.72	35.58	19.99	3.04
180.0	18.08	23.56	16.57	21.32	1.19	0.72	35.14	19.57	3.36
200.0	18.09	23.55	16.45	21.18	1.19	0.72	35.51	19.76	3.36
210.0	18.06	23.58	16.32	21.42	1.19	0.72	35.64	19.90	3.18
220.0	18.12	23.50	16.23	20.84	1.18	0.71	35.54	19.83	3.10
230.0	18.07	23.54	16.37	21.10	1.19	0.72	35.30	19.71	3.07
240.0	18.09	23.63	16.54	20.99	1.19	0.72	35.28	19.65	3.13
250.0	18.07	23.52	16.52	21.34	1.19	0.72	35.07	19.64	3.21
300.0	18.08	23.53	16.51	21.38	1.19	0.72	35.41	19.79	3.21
350.0	18.08	23.55	15.89	20.79	1.18	0.72	35.72	19.89	3.22
400.0	18.02	23.56	15.40	19.97	1.19	0.72	35.22	19.60	3.47

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 = 5.00V, Id= 107.31mA @ 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)
2.0	18.05	23.63	16.57	19.51	1.20	0.72	39.49	20.44	--
3.0	18.04	23.75	16.63	20.55	1.21	0.73	38.34	20.65	--
4.0	18.01	23.71	16.67	20.74	1.21	0.73	37.48	20.65	--
5.0	18.02	23.69	16.56	20.83	1.20	0.73	36.48	20.44	--
6.0	18.01	23.70	16.51	21.13	1.21	0.73	35.94	20.39	--
7.0	18.02	23.75	16.44	21.18	1.21	0.73	35.84	20.32	--
8.0	18.01	23.69	16.46	21.27	1.21	0.73	35.82	20.28	--
9.0	18.03	23.68	16.48	21.37	1.20	0.73	35.58	20.10	--
10.0	18.04	23.72	16.51	21.13	1.21	0.73	35.62	20.02	6.68
20.0	18.05	23.66	16.42	21.09	1.20	0.73	36.59	20.01	4.04
30.0	18.10	23.67	16.29	20.77	1.20	0.72	37.70	20.36	2.89
40.0	18.12	23.63	16.14	20.91	1.19	0.72	40.98	20.44	2.39
50.0	18.13	23.59	15.97	20.45	1.19	0.72	49.69	20.51	2.15
60.0	18.12	23.59	15.90	20.28	1.19	0.72	44.00	20.62	2.15
80.0	18.16	23.58	15.71	20.15	1.18	0.71	44.98	20.48	2.17
90.0	18.15	23.57	15.65	20.11	1.18	0.71	42.72	20.41	1.94
100.0	18.16	23.58	15.65	20.01	1.18	0.71	44.92	20.26	1.87
120.0	18.17	23.53	15.77	20.28	1.18	0.71	43.96	20.25	1.87
140.0	18.15	23.51	16.03	20.40	1.18	0.71	43.77	20.49	1.87
150.0	18.21	23.51	16.03	20.90	1.18	0.71	42.06	20.48	1.84
180.0	18.17	23.55	16.57	21.34	1.18	0.71	42.72	20.10	2.23
200.0	18.15	23.51	16.72	21.81	1.18	0.71	42.21	20.28	2.23
210.0	18.19	23.48	16.76	21.83	1.18	0.71	43.17	20.43	1.97
220.0	18.22	23.50	16.78	21.96	1.18	0.71	42.18	20.29	1.92
230.0	18.19	23.49	16.92	21.72	1.18	0.71	41.79	20.27	1.92
240.0	18.15	23.51	16.95	21.69	1.18	0.71	41.78	20.13	1.95
250.0	18.13	23.47	17.04	21.45	1.18	0.71	41.65	20.20	2.00
300.0	18.21	23.48	16.57	21.04	1.17	0.71	40.53	20.27	2.00
350.0	18.12	23.53	15.83	20.69	1.18	0.72	40.58	20.40	2.14
400.0	18.18	23.46	15.84	20.67	1.17	0.71	40.73	20.31	2.16

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 = 95.72mA @ 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)
2.0	18.01	23.58	16.43	19.22	1.20	0.72	39.18	20.19	--
3.0	17.96	23.69	16.41	20.14	1.21	0.73	38.14	20.34	--
4.0	17.95	23.68	16.52	20.23	1.21	0.73	37.20	20.31	--
5.0	17.96	23.70	16.43	20.28	1.21	0.73	36.46	20.16	--
6.0	17.95	23.65	16.30	20.66	1.21	0.73	35.53	20.17	--
7.0	17.94	23.75	16.33	20.83	1.22	0.74	35.49	20.08	--
8.0	17.96	23.65	16.32	20.73	1.21	0.73	35.34	19.99	--
9.0	17.97	23.71	16.30	20.68	1.21	0.73	35.46	19.98	--
10.0	17.96	23.68	16.26	20.63	1.21	0.73	35.34	19.76	6.48
20.0	18.02	23.62	16.17	20.65	1.20	0.73	36.22	19.76	3.76
30.0	18.05	23.54	16.02	20.34	1.19	0.72	37.70	20.07	2.54
40.0	18.06	23.58	15.93	20.34	1.19	0.72	41.57	20.27	2.24
50.0	18.06	23.58	15.72	20.10	1.19	0.72	43.56	20.25	2.01
60.0	18.07	23.56	15.64	19.95	1.19	0.72	42.30	20.32	2.01
80.0	18.07	23.54	15.53	19.62	1.19	0.71	42.00	20.33	2.07
90.0	18.09	23.56	15.43	19.57	1.19	0.71	42.13	20.12	1.84
100.0	18.10	23.55	15.49	19.73	1.18	0.71	41.67	20.02	1.76
120.0	18.09	23.52	15.70	20.05	1.18	0.71	42.17	20.02	1.76
140.0	18.15	23.49	15.73	20.08	1.18	0.71	41.87	20.16	1.82
150.0	18.11	23.48	15.90	20.34	1.18	0.71	42.71	20.17	1.84
180.0	18.10	23.46	16.35	21.17	1.18	0.71	41.26	19.89	2.16
200.0	18.12	23.47	16.61	21.49	1.18	0.71	42.13	20.02	2.16
210.0	18.13	23.47	16.55	21.12	1.18	0.71	40.63	20.16	1.96
220.0	18.13	23.45	16.72	20.82	1.18	0.71	40.53	19.96	1.88
230.0	18.12	23.47	16.63	20.81	1.18	0.71	41.99	19.99	1.87
240.0	18.10	23.51	16.76	20.93	1.19	0.71	40.73	19.88	1.88
250.0	18.08	23.49	16.87	21.37	1.19	0.71	41.07	19.89	2.00
300.0	18.15	23.44	16.16	20.77	1.17	0.71	41.63	19.96	2.00
350.0	18.12	23.49	15.66	20.40	1.18	0.71	40.35	20.11	2.05
400.0	18.12	23.36	15.54	20.15	1.17	0.71	41.35	19.97	2.16

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 = 119.78mA @ 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)
2.0	18.04	23.86	17.04	20.30	1.22	0.73	39.97	20.57	--
3.0	18.05	23.78	16.83	20.85	1.21	0.73	39.08	20.71	--
4.0	18.07	23.76	16.82	21.09	1.21	0.73	37.32	20.75	--
5.0	18.07	23.64	16.82	21.25	1.20	0.72	36.93	20.63	--
6.0	18.06	23.77	16.76	21.43	1.21	0.73	35.93	20.60	--
7.0	18.06	23.75	16.70	21.56	1.21	0.73	35.98	20.46	--
8.0	18.04	23.71	16.73	21.72	1.21	0.73	36.12	20.46	--
9.0	18.07	23.77	16.74	21.48	1.21	0.73	35.95	20.27	--
10.0	18.09	23.72	16.73	21.55	1.20	0.73	35.77	20.10	6.87
20.0	18.12	23.69	16.58	21.52	1.20	0.72	36.51	20.09	4.21
30.0	18.15	23.67	16.44	21.29	1.19	0.72	37.52	20.42	3.08
40.0	18.18	23.67	16.29	21.13	1.19	0.72	41.14	20.63	2.59
50.0	18.17	23.65	16.21	20.96	1.19	0.72	46.68	20.63	2.32
60.0	18.17	23.64	15.99	20.82	1.19	0.72	44.65	20.77	2.32
80.0	18.19	23.60	15.85	20.48	1.18	0.71	44.17	20.64	2.30
90.0	18.20	23.59	15.80	20.38	1.18	0.71	44.89	20.48	2.06
100.0	18.23	23.59	15.86	20.45	1.18	0.71	43.37	20.37	1.93
120.0	18.20	23.66	15.96	20.65	1.19	0.72	43.24	20.40	1.93
140.0	18.21	23.60	16.16	21.12	1.18	0.71	42.95	20.63	1.95
150.0	18.23	23.63	16.27	21.44	1.18	0.71	43.07	20.63	1.95
180.0	18.22	23.63	16.67	22.00	1.19	0.71	42.64	20.27	2.27
200.0	18.23	23.49	16.81	22.19	1.18	0.70	42.48	20.42	2.27
210.0	18.24	23.58	16.97	22.03	1.18	0.71	43.31	20.56	2.07
220.0	18.25	23.50	17.14	22.10	1.18	0.70	41.70	20.50	2.02
230.0	18.19	23.62	17.23	22.44	1.19	0.72	41.16	20.45	1.97
240.0	18.23	23.51	17.14	21.90	1.18	0.70	42.34	20.29	2.00
250.0	18.23	23.51	17.32	22.36	1.18	0.71	41.81	20.20	2.09
300.0	18.25	23.42	16.80	21.57	1.17	0.70	40.70	20.41	2.09
350.0	18.22	23.57	16.08	21.42	1.18	0.71	41.65	20.59	2.18
400.0	18.27	23.52	15.86	20.71	1.17	0.71	41.06	20.43	2.24

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 = 120.88mA @ Temperature = +85°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)
2.0	17.87	23.38	16.62	18.92	1.19	0.71	31.74	19.38	--
3.0	17.81	23.56	16.71	19.99	1.21	0.73	31.89	19.46	--
4.0	17.79	23.55	16.75	20.05	1.21	0.73	31.75	19.43	--
5.0	17.76	23.52	16.59	20.73	1.21	0.73	31.47	19.26	--
6.0	17.76	23.58	16.60	20.76	1.22	0.74	31.08	19.05	--
7.0	17.78	23.55	16.56	20.74	1.21	0.73	31.10	19.02	--
8.0	17.77	23.53	16.62	20.66	1.21	0.73	30.95	18.96	--
9.0	17.77	23.58	16.60	20.73	1.22	0.74	30.91	18.99	--
10.0	17.76	23.54	16.58	20.73	1.21	0.74	30.81	18.81	6.90
20.0	17.80	23.49	16.56	20.81	1.21	0.73	31.29	18.60	4.88
30.0	17.80	23.53	16.58	20.97	1.21	0.73	32.38	19.11	4.17
40.0	17.82	23.52	16.67	21.50	1.21	0.73	32.97	19.35	4.02
50.0	17.83	23.54	16.70	21.70	1.21	0.73	32.53	19.39	3.89
60.0	17.84	23.49	16.89	21.97	1.21	0.73	32.50	19.44	3.89
80.0	17.84	23.47	17.05	22.49	1.20	0.73	32.27	19.46	4.12
90.0	17.85	23.45	17.17	22.54	1.20	0.73	32.06	19.21	3.90
100.0	17.85	23.45	17.22	22.65	1.20	0.73	31.80	19.13	3.79
120.0	17.87	23.45	17.23	22.48	1.20	0.73	31.65	19.09	3.79
140.0	17.86	23.47	16.83	21.56	1.20	0.73	32.10	19.30	3.83
150.0	17.83	23.40	16.66	21.09	1.20	0.73	32.07	19.24	3.83
180.0	17.86	23.44	16.04	19.58	1.19	0.72	31.50	18.98	4.14
200.0	17.86	23.52	15.80	19.25	1.20	0.73	31.91	19.09	4.14
210.0	17.83	23.45	15.72	19.11	1.20	0.72	32.12	19.30	4.00
220.0	17.86	23.49	15.57	18.98	1.20	0.72	32.16	19.16	3.90
230.0	17.84	23.49	15.50	18.82	1.20	0.72	31.78	19.02	3.85
240.0	17.85	23.39	15.61	19.24	1.19	0.72	31.72	18.93	3.95
250.0	17.82	23.45	15.66	19.18	1.20	0.72	31.55	18.95	4.06
300.0	17.83	23.49	15.84	20.36	1.20	0.73	31.84	19.02	4.06
350.0	17.81	23.56	15.52	20.15	1.20	0.74	32.24	19.21	4.09
400.0	17.81	23.39	15.13	19.05	1.19	0.72	31.95	18.95	4.30

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 = 4.75V, Id = 109.89mA @ Temperature = +85°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)
2.0	17.81	23.59	16.62	19.31	1.21	0.73	33.71	19.21	--
3.0	17.78	23.60	16.57	20.09	1.22	0.74	33.68	19.34	--
4.0	17.77	23.54	16.60	20.24	1.21	0.73	33.48	19.36	--
5.0	17.73	23.55	16.48	20.66	1.22	0.74	33.01	19.20	--
6.0	17.75	23.60	16.40	20.89	1.22	0.74	32.53	19.29	--
7.0	17.74	23.61	16.44	20.74	1.22	0.74	32.41	19.17	--
8.0	17.74	23.61	16.42	20.80	1.22	0.74	32.38	19.11	--
9.0	17.77	23.56	16.45	20.73	1.21	0.74	32.32	19.06	--
10.0	17.76	23.60	16.49	20.63	1.22	0.74	32.28	18.83	6.77
20.0	17.79	23.60	16.33	21.01	1.22	0.74	32.79	18.86	4.76
30.0	17.80	23.57	16.45	20.99	1.21	0.74	34.26	19.05	4.02
40.0	17.81	23.53	16.53	21.50	1.21	0.73	35.32	19.24	3.91
50.0	17.81	23.52	16.59	21.72	1.21	0.73	34.67	19.32	3.81
60.0	17.82	23.53	16.66	22.03	1.21	0.73	34.47	19.42	3.81
80.0	17.84	23.49	16.88	22.53	1.20	0.73	34.27	19.33	4.05
90.0	17.84	23.51	17.00	22.55	1.21	0.73	34.10	19.16	3.85
100.0	17.85	23.49	17.11	22.55	1.20	0.73	33.78	19.10	3.76
120.0	17.78	23.48	17.20	21.81	1.21	0.73	33.90	19.03	3.76
140.0	17.81	23.48	16.77	21.87	1.20	0.73	34.13	19.28	3.74
150.0	17.85	23.50	16.46	20.86	1.20	0.73	34.02	19.31	3.79
180.0	17.82	23.46	15.94	19.76	1.20	0.73	33.61	18.91	4.09
200.0	17.83	23.49	15.72	19.33	1.20	0.73	33.97	19.03	4.09
210.0	17.88	23.44	15.62	19.06	1.19	0.72	34.02	19.20	3.90
220.0	17.79	23.45	15.64	19.03	1.20	0.73	34.01	19.12	3.88
230.0	17.78	23.47	15.52	19.02	1.20	0.73	33.85	19.00	3.81
240.0	17.82	23.44	15.60	19.11	1.20	0.72	33.78	18.89	3.87
250.0	17.86	23.53	15.74	19.39	1.20	0.73	33.71	18.92	3.94
300.0	17.86	23.47	15.72	19.95	1.20	0.73	33.83	19.01	3.94
350.0	17.75	23.46	15.38	20.27	1.20	0.74	34.15	19.19	4.04
400.0	17.75	23.37	15.13	18.96	1.19	0.73	34.07	19.05	4.09

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= 131.51mA @ Temperature = +85°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)
2.0	17.78	23.39	16.57	19.00	1.20	0.72	29.38	18.61	--
3.0	17.72	23.57	16.65	20.11	1.22	0.74	29.68	18.72	--
4.0	17.70	23.59	16.66	20.19	1.22	0.74	29.57	19.09	--
5.0	17.68	23.54	16.59	20.59	1.22	0.74	29.35	18.78	--
6.0	17.68	23.57	16.44	20.82	1.22	0.74	29.16	18.66	--
7.0	17.66	23.61	16.53	20.72	1.23	0.75	29.04	18.50	--
8.0	17.66	23.58	16.54	20.70	1.22	0.74	28.99	18.71	--
9.0	17.67	23.62	16.50	20.75	1.23	0.75	29.02	18.36	--
10.0	17.68	23.58	16.53	20.78	1.22	0.74	28.91	18.35	7.13
20.0	17.70	23.60	16.44	21.02	1.22	0.74	29.17	18.14	5.11
30.0	17.71	23.57	16.54	21.08	1.22	0.74	29.68	18.72	4.35
40.0	17.72	23.54	16.58	21.42	1.22	0.74	30.05	19.05	4.20
50.0	17.71	23.60	16.66	21.81	1.22	0.74	29.93	18.79	4.02
60.0	17.73	23.52	16.80	22.16	1.22	0.74	29.96	19.06	4.02
80.0	17.74	23.49	16.93	22.79	1.21	0.74	29.85	19.01	4.28
90.0	17.75	23.48	17.04	22.84	1.21	0.74	29.51	18.91	4.03
100.0	17.75	23.50	17.10	22.73	1.21	0.74	29.24	18.75	3.91
120.0	17.73	23.53	17.23	22.29	1.22	0.74	29.07	18.72	3.91
140.0	17.72	23.55	16.85	21.95	1.22	0.74	29.50	18.96	3.96
150.0	17.69	23.52	16.46	21.01	1.22	0.74	29.47	19.04	3.96
180.0	17.76	23.51	15.87	19.97	1.21	0.74	28.95	18.59	4.26
200.0	17.78	23.44	15.79	19.46	1.20	0.73	29.36	18.73	4.26
210.0	17.75	23.53	15.54	19.03	1.21	0.73	29.59	18.93	4.12
220.0	17.74	23.50	15.46	18.94	1.21	0.73	29.50	18.84	4.05
230.0	17.76	23.48	15.41	19.29	1.20	0.73	29.29	18.76	4.02
240.0	17.69	23.44	15.63	19.22	1.21	0.73	29.13	18.68	4.06
250.0	17.70	23.51	15.71	19.57	1.21	0.74	29.07	18.56	4.12
300.0	17.69	23.50	15.74	19.80	1.21	0.74	29.33	18.78	4.12
350.0	17.72	23.52	15.52	20.64	1.21	0.74	29.73	18.90	4.26
400.0	17.69	23.52	15.07	19.05	1.21	0.74	29.49	18.69	4.43