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 = 3V, Rbias=432 ohms, Id=83 mA @ Temperature = +25degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (1)	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50.0	26.20	32.10	12.20	13.00	1.10	0.77	33.50	19.60	1.24
100.0	26.07	31.28	12.11	18.04	1.10	0.77	34.00	19.80	0.80
300.0	24.86	30.13	10.59	23.65	1.11	0.81	36.15	19.81	0.65
500.0	23.22	28.68	9.18	24.25	1.11	0.84	36.43	19.90	0.76
600.0	22.38	28.02	8.67	24.08	1.10	0.86	36.01	19.56	0.70
800.0	20.77	26.55	7.99	23.30	1.10	0.88	37.51	19.51	0.73
1000.0	19.33	25.21	7.55	22.56	1.10	0.89	37.52	19.27	0.78
1200.0	18.04	24.02	7.23	21.62	1.09	0.91	36.36	19.25	0.87
1400.0	16.90	22.92	7.00	21.01	1.09	0.91	37.74	19.69	0.88
1600.0	15.87	21.95	6.80	20.32	1.09	0.92	37.50	20.60	0.90
1700.0	15.39	21.51	6.73	20.07	1.09	0.92	37.24	20.99	0.95
1900.0	14.54	20.64	6.66	19.78	1.08	0.92	37.74	20.64	0.93
2100.0	13.76	19.83	6.61	19.51	1.08	0.92	36.36	19.84	0.96
2300.0	13.05	19.13	6.59	19.46	1.08	0.92	36.63	19.20	1.00
2500.0	12.41	18.43	6.67	19.77	1.08	0.91	35.85	18.89	1.08
2700.0	11.73	17.89	6.46	18.91	1.08	0.93	37.63	19.28	1.30
2900.0	11.25	17.24	6.59	19.24	1.07	0.91	39.39	20.13	1.26
3000.0	11.00	16.94	6.63	19.30	1.07	0.91	38.74	20.14	1.13
3200.0	10.49	16.43	6.90	19.95	1.08	0.90	41.90	20.72	1.26
3400.0	10.09	15.85	6.97	20.24	1.07	0.89	40.03	20.25	1.31
3600.0	9.68	15.34	7.02	20.18	1.07	0.88	39.46	20.20	1.35
3800.0	9.28	14.89	7.11	20.09	1.06	0.87	40.56	20.59	1.45
4000.0	8.88	14.49	7.18	19.78	1.07	0.87	42.38	20.81	1.59
4100.0	8.66	14.32	7.23	19.39	1.07	0.87	41.79	21.00	1.52
4300.0	8.25	13.94	7.20	18.51	1.07	0.86	38.87	21.06	1.66
4500.0	7.82	13.64	7.30	17.57	1.09	0.86	38.06	20.71	1.73
4700.0	7.33	13.39	7.53	16.65	1.12	0.85	36.90	20.37	1.94
4900.0	7.22	12.90	6.72	16.63	1.06	0.85	36.54	20.03	1.86
5100.0	6.93	12.57	6.46	15.91	1.05	0.85	36.38	20.27	1.95
5300.0	6.62	12.30	6.28	15.23	1.05	0.85	39.83	20.79	1.95
5400.0	6.45	12.17	6.17	14.85	1.05	0.85	38.69	21.24	2.13
5600.0	6.13	11.95	6.01	14.21	1.05	0.85	42.85	21.86	2.17
5800.0	5.74	11.78	5.89	13.45	1.06	0.85	38.39	21.62	2.37
6000.0	5.48	11.54	5.57	13.07	1.05	0.86	37.35	21.21	2.44
6200.0	5.18	11.34	5.31	12.62	1.04	0.86	37.47	20.72	2.54
6400.0	4.87	11.18	5.10	12.18	1.04	0.87	35.76	19.96	2.59
6500.0	4.71	11.11	4.97	11.87	1.04	0.87	36.35	19.97	2.80
6700.0	4.34	11.03	4.89	11.41	1.05	0.88	36.53	19.98	2.85
6900.0	3.86	11.08	5.08	10.94	1.10	0.88	38.97	20.43	3.33
7000.0	3.55	11.15	5.54	10.84	1.15	0.87	38.82	20.96	3.50

(1) Current increases at P1dB

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 = 3V, Rbias=432 ohms, Id=93 mA @ Temperature = -45degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (1)	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50.0	26.40	31.90	13.40	12.10	1.10	0.70	32.30	20.00	0.92
100.0	26.06	31.08	14.18	15.82	1.09	0.74	35.85	20.16	0.68
300.0	24.89	30.25	11.98	18.36	1.13	0.77	35.84	20.23	0.50
500.0	23.35	28.94	9.98	19.51	1.14	0.81	36.58	20.40	0.62
600.0	22.56	28.14	9.36	19.39	1.13	0.81	36.73	20.06	0.54
800.0	21.01	26.63	8.46	19.56	1.12	0.83	38.11	19.91	0.52
1000.0	19.61	25.24	7.92	19.30	1.10	0.84	37.72	19.56	0.61
1200.0	18.35	23.99	7.51	18.99	1.09	0.85	38.49	19.40	0.64
1400.0	17.22	22.87	7.21	18.64	1.08	0.86	39.59	19.77	0.67
1600.0	16.21	21.87	6.96	18.22	1.08	0.86	37.82	20.82	0.65
1700.0	15.74	21.42	6.88	18.07	1.07	0.87	38.53	21.27	0.67
1900.0	14.90	20.52	6.76	17.98	1.07	0.86	38.09	20.96	0.74
2100.0	14.13	19.70	6.69	17.83	1.06	0.86	37.11	20.11	0.67
2300.0	13.43	18.97	6.67	17.83	1.06	0.86	36.50	19.46	0.67
2500.0	12.81	18.25	6.73	18.28	1.06	0.86	36.05	19.13	0.71
2700.0	12.10	17.73	6.46	17.52	1.06	0.88	37.13	19.48	0.97
2900.0	11.65	17.04	6.65	17.89	1.05	0.85	40.15	20.36	0.92
3000.0	11.40	16.74	6.70	18.08	1.05	0.85	38.74	20.33	0.78
3200.0	10.91	16.20	6.96	18.66	1.05	0.84	40.84	21.09	0.83
3400.0	10.52	15.61	7.04	19.22	1.04	0.83	40.38	20.74	0.90
3600.0	10.12	15.10	7.11	19.16	1.04	0.82	39.48	20.73	0.96
3800.0	9.72	14.63	7.17	19.08	1.04	0.81	41.18	21.11	1.04
4000.0	9.33	14.22	7.21	18.83	1.04	0.80	43.44	21.23	1.00
4100.0	9.11	14.05	7.23	18.48	1.04	0.80	42.96	21.35	1.09
4300.0	8.70	13.67	7.20	17.70	1.04	0.80	41.41	21.47	1.11
4500.0	8.27	13.37	7.22	16.61	1.05	0.79	38.97	21.07	1.20
4700.0	7.77	13.15	7.58	15.60	1.08	0.79	37.24	20.69	1.49
4900.0	7.64	12.65	6.59	15.50	1.03	0.79	36.37	20.19	1.35
5100.0	7.36	12.32	6.25	14.85	1.02	0.79	36.43	20.33	1.35
5300.0	7.05	12.05	6.08	14.15	1.02	0.78	38.53	20.93	1.51
5400.0	6.88	11.92	5.95	13.88	1.02	0.78	37.88	21.34	1.52
5600.0	6.56	11.70	5.77	13.21	1.02	0.78	41.97	22.14	1.60
5800.0	6.17	11.54	5.66	12.62	1.02	0.79	41.17	21.96	1.70
6000.0	5.92	11.28	5.39	12.30	1.01	0.79	38.50	21.44	1.78
6200.0	5.64	11.07	5.13	11.82	1.01	0.79	38.32	20.93	1.90
6400.0	5.34	10.89	4.90	11.47	1.00	0.79	36.45	20.22	1.90
6500.0	5.20	10.81	4.81	11.13	1.00	0.79	36.19	20.09	1.90
6700.0	4.88	10.69	4.71	10.79	1.01	0.79	36.32	20.15	2.08
6900.0	4.49	10.65	4.81	10.44	1.03	0.80	38.57	20.79	2.33
7000.0	4.10	10.81	5.25	10.18	1.08	0.80	39.02	21.18	2.63

(1) Current increases at P1dB

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 = 3V, Rbias=432 ohms, Id=79 mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (1)	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
50.0	25.90	32.20	10.80	12.80	1.10	0.84	31.40	19.30	1.65
100.0	25.97	31.29	10.68	18.15	1.10	0.80	33.38	19.54	1.10
300.0	24.73	30.08	9.51	26.33	1.08	0.84	33.98	19.41	0.79
500.0	23.04	28.53	8.54	27.82	1.08	0.88	34.44	19.40	0.92
600.0	22.18	27.83	8.12	27.84	1.08	0.90	35.65	19.13	0.87
800.0	20.55	26.43	7.63	26.63	1.08	0.92	36.05	19.25	0.91
1000.0	19.08	25.14	7.27	25.93	1.08	0.94	36.28	19.22	0.97
1200.0	17.79	23.98	7.04	24.15	1.09	0.94	36.65	19.34	1.09
1400.0	16.64	22.92	6.87	23.50	1.09	0.95	38.98	19.80	1.14
1600.0	15.60	21.98	6.69	22.48	1.09	0.96	36.97	20.48	1.15
1700.0	15.11	21.55	6.62	22.32	1.09	0.96	37.36	20.78	1.20
1900.0	14.26	20.70	6.58	21.61	1.09	0.96	36.15	20.41	1.22
2100.0	13.48	19.93	6.55	21.47	1.09	0.96	35.23	19.62	1.24
2300.0	12.77	19.22	6.54	21.29	1.09	0.96	36.10	18.97	1.26
2500.0	12.13	18.55	6.61	21.33	1.09	0.95	36.19	18.69	1.36
2700.0	11.45	18.01	6.42	20.19	1.10	0.96	37.38	19.12	1.68
2900.0	10.95	17.37	6.55	20.42	1.09	0.95	40.37	19.99	1.61
3000.0	10.70	17.08	6.58	20.45	1.09	0.95	39.45	19.99	1.51
3200.0	10.19	16.58	6.79	20.69	1.10	0.94	39.85	20.46	1.65
3400.0	9.78	16.01	6.86	20.88	1.09	0.93	38.75	19.94	1.68
3600.0	9.35	15.53	6.89	20.54	1.09	0.92	39.35	19.85	1.75
3800.0	8.95	15.09	6.98	20.41	1.09	0.92	40.52	20.30	1.88
4000.0	8.54	14.68	7.10	20.13	1.09	0.91	41.99	20.57	2.04
4100.0	8.31	14.53	7.15	19.61	1.10	0.91	42.22	20.74	1.93
4300.0	7.90	14.14	7.13	19.04	1.10	0.91	38.80	20.71	2.15
4500.0	7.49	13.82	7.26	18.16	1.12	0.90	38.32	20.39	2.27
4700.0	7.04	13.55	7.52	17.67	1.14	0.89	37.38	20.14	2.48
4900.0	6.88	13.09	6.80	17.60	1.09	0.90	37.30	19.89	2.37
5100.0	6.62	12.74	6.64	17.00	1.08	0.90	37.14	20.27	2.44
5300.0	6.30	12.47	6.43	16.30	1.08	0.90	40.89	20.67	2.47
5400.0	6.14	12.34	6.33	15.88	1.08	0.90	38.66	21.06	2.69
5600.0	5.82	12.12	6.19	15.24	1.08	0.90	40.88	21.49	2.68
5800.0	5.45	11.94	6.04	14.38	1.09	0.90	38.43	21.28	2.88
6000.0	5.18	11.70	5.74	13.78	1.07	0.90	37.92	21.02	3.03
6200.0	4.87	11.53	5.45	13.30	1.07	0.91	37.44	20.59	3.11
6400.0	4.54	11.38	5.19	12.74	1.07	0.92	36.18	19.80	3.32
6500.0	4.36	11.31	5.04	12.36	1.07	0.92	36.91	19.76	3.43
6700.0	3.98	11.25	4.96	11.96	1.09	0.93	35.79	19.61	3.80
6900.0	3.47	11.33	5.16	11.37	1.14	0.93	37.29	19.94	4.02
7000.0	3.21	11.34	5.46	11.37	1.18	0.93	39.71	20.58	4.29

(1) Current increases at P1dB

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 = 3V, Id=80mA @ Temperature = +25degC (1)

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (2)
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)
50.0	26.15	31.69	11.58	13.24	1.08	0.82	31.20	20.09
100.0	26.00	31.20	11.90	17.78	1.12	0.74	34.05	20.29
300.0	24.73	30.28	10.27	23.60	1.14	0.79	34.02	20.36
500.0	23.21	28.80	8.87	24.18	1.10	0.84	34.64	20.16
600.0	22.37	28.16	8.60	23.67	1.12	0.85	36.97	20.57
800.0	20.85	26.71	8.00	23.93	1.10	0.87	35.92	20.11
1000.0	19.46	25.38	7.60	23.09	1.09	0.88	36.62	20.54
1200.0	18.20	24.16	7.25	22.64	1.08	0.90	35.83	20.29
1400.0	17.07	23.08	6.97	22.12	1.08	0.91	36.40	21.11
1600.0	16.04	22.13	6.79	21.48	1.07	0.92	37.52	21.19
1700.0	15.56	21.69	6.75	21.30	1.08	0.92	36.85	21.84
1900.0	14.68	20.86	6.74	21.06	1.08	0.92	36.49	21.41
2100.0	13.91	20.07	6.67	21.03	1.08	0.92	36.88	20.99
2300.0	13.22	19.33	6.69	21.40	1.07	0.92	35.65	19.79
2500.0	12.60	18.65	6.79	21.77	1.07	0.91	36.69	19.95
2700.0	11.89	18.12	6.65	20.86	1.08	0.93	37.48	20.25
2900.0	11.46	17.44	6.95	21.72	1.07	0.90	38.20	20.74
3000.0	11.22	17.12	7.07	22.15	1.07	0.90	38.46	20.69
3200.0	10.76	16.56	7.30	22.69	1.07	0.88	38.62	21.07
3400.0	10.34	16.02	7.46	22.87	1.07	0.87	39.07	20.74
3600.0	9.94	15.48	7.61	23.13	1.07	0.86	38.87	20.97
3800.0	9.54	15.05	7.76	22.98	1.06	0.85	39.25	20.76
4000.0	9.12	14.64	7.83	22.52	1.07	0.85	39.50	21.02
4100.0	8.91	14.46	7.83	21.90	1.07	0.85	40.38	21.09
4300.0	8.47	14.13	7.67	20.53	1.07	0.85	38.40	20.47
4500.0	8.09	13.77	7.45	19.49	1.07	0.85	37.60	20.51
4700.0	7.67	13.50	7.44	18.47	1.08	0.85	36.86	20.22
4900.0	7.15	13.34	7.50	17.28	1.11	0.86	36.05	19.82
5100.0	7.03	12.85	6.61	16.93	1.06	0.86	36.04	20.24
5300.0	6.74	12.55	6.32	15.94	1.05	0.86	38.07	20.40
5400.0	6.59	12.42	6.22	15.51	1.05	0.86	37.55	20.97
5600.0	6.27	12.18	6.01	14.98	1.04	0.87	38.08	21.49
5800.0	5.96	11.96	5.85	14.18	1.04	0.86	37.74	21.21
6000.0	5.60	11.81	5.70	13.28	1.05	0.86	36.91	20.79
6200.0	5.31	11.61	5.32	12.68	1.03	0.87	36.05	20.15
6400.0	4.98	11.46	4.96	12.10	1.02	0.89	35.59	19.36
6500.0	4.82	11.40	4.82	11.87	1.02	0.90	35.77	19.35
6700.0	4.45	11.33	4.54	11.34	1.02	0.91	35.56	18.67
6900.0	4.02	11.32	4.38	10.66	1.03	0.92	37.30	20.05
7000.0	3.73	11.39	4.46	10.33	1.06	0.92	37.93	20.46

FREQ	Noise Figure
(MHz)	(dB)
50.00	1.16
100.0	0.83
400.0	0.68
600.0	0.69
800.0	0.73
1100.0	0.79
1300.0	0.86
1600.0	0.95
1800.0	0.97
2000.0	0.95
2300.0	1.02
2500.0	1.09
2700.0	1.29
3000.0	1.08
3200.0	1.34
3400.0	1.38
3700.0	1.45
3900.0	1.53
4100.0	1.63
4400.0	1.79
4600.0	1.81
4900.0	2.12
5100.0	2.15
5300.0	2.18
5600.0	2.35
5800.0	2.40
6000.0	2.53
6300.0	2.82
6500.0	2.91
6700.0	3.10
7000.0	3.66

(1) External Rbias resistor is adjusted to obtain desired current
(2) Current increases at P1dB

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 = 3V, Id=65mA @ Temperature = +25degC (1)

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (2)
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)
50.0	25.88	31.79	11.20	13.20	1.09	0.84	32.00	20.17
100.0	25.70	30.97	11.45	17.67	1.10	0.75	33.13	20.37
300.0	24.53	30.06	9.94	25.88	1.12	0.80	34.65	20.43
500.0	23.03	28.62	8.68	27.76	1.09	0.84	34.67	20.29
600.0	22.19	27.87	8.45	27.29	1.10	0.86	35.84	20.72
800.0	20.71	26.58	7.88	25.93	1.10	0.88	36.38	20.28
1000.0	19.31	25.30	7.49	24.94	1.09	0.90	36.74	20.71
1200.0	18.06	24.13	7.17	24.11	1.08	0.91	37.10	20.46
1400.0	16.94	23.09	6.91	23.26	1.08	0.92	36.88	21.20
1600.0	15.91	22.15	6.74	22.55	1.08	0.93	37.37	21.24
1700.0	15.43	21.72	6.70	22.27	1.08	0.94	35.99	21.83
1900.0	14.56	20.89	6.67	21.97	1.08	0.94	36.12	21.47
2100.0	13.79	20.12	6.61	21.87	1.08	0.94	37.55	21.12
2300.0	13.11	19.39	6.62	22.22	1.08	0.94	36.90	19.95
2500.0	12.48	18.71	6.76	22.69	1.08	0.93	38.79	20.12
2700.0	11.77	18.20	6.60	21.53	1.08	0.94	39.47	20.41
2900.0	11.33	17.53	6.88	22.49	1.08	0.92	40.27	20.87
3000.0	11.09	17.22	6.99	22.92	1.08	0.92	40.69	20.82
3200.0	10.63	16.66	7.21	23.45	1.08	0.91	41.29	21.21
3400.0	10.21	16.12	7.39	23.66	1.08	0.89	40.48	20.92
3600.0	9.82	15.59	7.56	23.90	1.07	0.88	42.01	21.17
3800.0	9.43	15.13	7.72	23.73	1.07	0.87	42.41	20.97
4000.0	9.03	14.73	7.79	23.19	1.07	0.87	42.40	21.16
4100.0	8.81	14.56	7.78	22.38	1.07	0.87	42.34	21.06
4300.0	8.37	14.23	7.60	20.80	1.08	0.87	41.16	20.37
4500.0	7.98	13.86	7.36	19.92	1.08	0.87	39.15	20.47
4700.0	7.58	13.57	7.37	18.93	1.09	0.87	40.03	20.26
4900.0	7.04	13.43	7.47	17.70	1.12	0.88	39.33	19.87
5100.0	6.93	12.94	6.59	17.31	1.06	0.88	39.19	20.29
5300.0	6.64	12.64	6.30	16.26	1.05	0.88	42.33	20.43
5400.0	6.48	12.51	6.19	15.89	1.05	0.88	42.10	20.96
5600.0	6.17	12.27	5.96	15.30	1.05	0.89	40.24	21.45
5800.0	5.85	12.05	5.80	14.43	1.05	0.89	39.56	21.23
6000.0	5.48	11.90	5.66	13.45	1.05	0.89	39.28	20.87
6200.0	5.20	11.71	5.26	12.81	1.04	0.90	38.01	20.26
6400.0	4.88	11.54	4.91	12.20	1.03	0.91	36.94	19.47
6500.0	4.71	11.48	4.78	11.99	1.02	0.92	37.96	19.47
6700.0	4.36	11.39	4.52	11.55	1.02	0.93	38.25	18.67
6900.0	3.94	11.37	4.38	10.97	1.04	0.94	40.70	20.26
7000.0	3.65	11.43	4.46	10.64	1.06	0.94	40.40	20.66

FREQ	Noise Figure
(MHz)	(dB)
50.00	1.24
100.0	0.84
400.0	0.75
600.0	0.78
800.0	0.75
1100.0	0.88
1300.0	0.94
1600.0	0.99
1800.0	1.06
2000.0	1.05
2300.0	1.06
2500.0	1.10
2700.0	1.35
3000.0	1.23
3200.0	1.28
3400.0	1.35
3700.0	1.37
3900.0	1.52
4100.0	1.62
4400.0	1.73
4600.0	1.84
4900.0	2.10
5100.0	2.00
5300.0	2.16
5600.0	2.19
5800.0	2.34
6000.0	2.46
6300.0	2.71
6500.0	2.73
6700.0	2.87
7000.0	3.59

(1) External Rbias resistor is adjusted to obtain desired current
(2) Current increases at P1dB

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 = 3V, Id=98mA @ Temperature = +25degC (1)

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (2)
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)
50.0	25.38	32.26	11.84	13.59	1.09	0.82	33.80	20.08
100.0	26.16	31.38	12.41	17.15	1.14	0.73	34.05	20.23
300.0	24.85	30.60	10.47	21.85	1.16	0.79	33.82	20.19
500.0	23.33	29.10	9.03	22.74	1.11	0.84	34.26	20.01
600.0	22.48	28.41	8.72	23.68	1.13	0.85	34.82	20.41
800.0	20.98	26.92	8.15	22.57	1.11	0.86	34.36	19.96
1000.0	19.57	25.47	7.75	22.24	1.10	0.87	34.60	20.40
1200.0	18.31	24.22	7.39	21.84	1.09	0.89	35.11	20.15
1400.0	17.18	23.12	7.09	21.39	1.08	0.90	35.42	20.98
1600.0	16.14	22.17	6.89	20.90	1.08	0.91	36.52	21.08
1700.0	15.65	21.73	6.86	20.71	1.08	0.91	36.55	21.78
1900.0	14.77	20.88	6.86	20.65	1.08	0.91	35.75	21.30
2100.0	13.99	20.09	6.81	20.73	1.08	0.91	34.87	20.84
2300.0	13.30	19.35	6.79	21.14	1.07	0.91	33.62	19.63
2500.0	12.68	18.66	6.94	21.55	1.07	0.90	33.43	19.79
2700.0	11.97	18.14	6.77	20.64	1.08	0.91	34.05	20.11
2900.0	11.53	17.45	7.08	21.50	1.07	0.89	35.03	20.62
3000.0	11.29	17.14	7.19	21.98	1.07	0.89	34.75	20.56
3200.0	10.82	16.60	7.43	22.56	1.07	0.88	35.70	20.96
3400.0	10.39	16.05	7.60	22.88	1.07	0.86	35.73	20.63
3600.0	10.01	15.51	7.74	23.11	1.07	0.85	35.65	20.88
3800.0	9.61	15.06	7.90	23.12	1.07	0.84	35.98	20.68
4000.0	9.21	14.65	8.00	22.86	1.07	0.84	36.19	20.98
4100.0	8.99	14.46	7.99	22.07	1.07	0.84	37.16	21.05
4300.0	8.57	14.12	7.83	20.56	1.07	0.84	35.37	20.41
4500.0	8.17	13.78	7.62	19.54	1.07	0.84	34.83	20.38
4700.0	7.73	13.51	7.64	18.50	1.09	0.84	33.19	20.04
4900.0	7.22	13.36	7.64	17.32	1.11	0.85	33.34	19.62
5100.0	7.10	12.87	6.76	16.87	1.06	0.85	33.56	20.07
5300.0	6.81	12.57	6.45	15.83	1.05	0.85	34.36	20.31
5400.0	6.65	12.44	6.34	15.43	1.05	0.85	34.83	20.89
5600.0	6.33	12.21	6.09	14.93	1.04	0.86	36.09	21.45
5800.0	6.00	11.99	5.94	14.10	1.05	0.86	35.13	21.16
6000.0	5.64	11.85	5.80	13.16	1.05	0.85	34.05	20.69
6200.0	5.36	11.64	5.40	12.53	1.04	0.86	33.26	20.06
6400.0	5.04	11.49	5.04	11.97	1.03	0.88	33.07	19.24
6500.0	4.87	11.42	4.91	11.78	1.03	0.88	32.67	19.24
6700.0	4.53	11.33	4.65	11.35	1.02	0.90	32.51	18.60
6900.0	4.10	11.31	4.50	10.77	1.04	0.91	34.14	19.95
7000.0	3.82	11.37	4.61	10.44	1.07	0.91	34.26	20.34

FREQ	Noise Figure
(MHz)	(dB)
50.0	1.24
100.0	0.88
400.0	0.68
600.0	0.75
800.0	0.78
1100.0	0.82
1300.0	0.91
1600.0	1.00
1800.0	1.02
2000.0	1.01
2300.0	1.11
2500.0	1.16
2700.0	1.37
3000.0	1.21
3200.0	1.34
3400.0	1.45
3700.0	1.45
3900.0	1.55
4100.0	1.67
4400.0	1.79
4600.0	1.85
4900.0	2.19
5100.0	2.16
5300.0	2.30
5600.0	2.28
5800.0	2.58
6000.0	2.62
6300.0	2.88
6500.0	3.08
6700.0	3.15
7000.0	3.73

(1) External Rbias resistor is adjusted to obtain desired current
(2) Current increases at P1dB