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=1.5K ohms, Id=29 mA @ Temperature = +25degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (1)		Noise Figure
								Current Limit 40mA	Current Limit 60mA	
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)		(dB)
50.0	24.37	30.19	9.69	10.20	1.09	0.70	27.58	16.98	17.01	1.10
100.0	24.40	29.66	9.31	14.14	1.07	0.76	27.58	17.20	17.57	0.80
300.0	23.48	28.37	8.46	18.27	1.01	0.82	28.05	17.17	17.68	0.68
500.0	22.07	27.30	7.60	20.14	0.99	0.90	27.70	17.03	17.85	0.59
600.0	21.33	26.83	7.27	20.97	0.99	0.94	28.45	16.97	17.99	0.68
800.0	19.88	25.84	6.76	22.42	1.00	0.99	29.01	16.97	18.08	0.68
1000.0	18.54	25.01	6.45	23.64	1.02	1.02	29.38	17.00	18.19	0.76
1200.0	17.32	24.16	6.17	24.48	1.04	1.05	30.38	17.02	18.39	0.85
1400.0	16.25	23.35	6.02	24.80	1.05	1.06	29.85	17.01	18.63	0.79
1600.0	15.26	22.63	5.86	24.74	1.07	1.08	30.25	16.94	18.38	0.90
1700.0	14.79	22.30	5.78	24.88	1.08	1.09	30.30	17.04	18.57	0.99
1900.0	13.99	21.61	5.78	24.61	1.09	1.09	30.77	16.92	18.55	0.93
2100.0	13.22	20.98	5.70	24.47	1.10	1.09	30.88	16.85	18.86	0.92
2300.0	12.55	20.38	5.70	24.64	1.10	1.10	30.86	16.84	18.89	1.11
2500.0	11.86	19.90	5.95	25.98	1.14	1.09	31.02	16.81	18.93	1.10
2700.0	11.15	19.38	5.62	23.06	1.13	1.11	30.95	16.83	19.02	1.35
2900.0	10.77	18.69	5.80	24.57	1.12	1.09	31.40	16.69	19.01	1.22
3000.0	10.52	18.45	5.90	24.92	1.13	1.09	31.33	16.73	19.00	1.12
3200.0	10.04	17.93	5.96	25.02	1.13	1.08	31.60	16.82	19.12	1.20
3400.0	9.61	17.43	6.18	25.75	1.14	1.07	31.39	16.91	19.02	1.18
3600.0	9.21	16.99	6.36	25.49	1.15	1.06	31.33	16.94	19.21	1.34
3800.0	8.83	16.54	6.48	25.23	1.15	1.05	31.39	16.90	19.15	1.54
4000.0	8.48	16.10	6.73	24.65	1.15	1.04	31.18	16.90	19.20	1.33
4100.0	8.26	15.94	6.78	23.96	1.16	1.03	31.49	16.98	19.06	1.49
4300.0	7.82	15.60	6.90	23.04	1.18	1.03	30.55	16.90	18.87	1.62
4500.0	7.49	15.18	7.10	22.49	1.18	1.01	30.67	17.17	18.90	1.61
4700.0	7.04	14.94	7.39	21.59	1.22	1.00	30.66	17.16	19.22	1.89
4900.0	6.81	14.53	6.90	21.62	1.18	1.01	31.89	17.22	19.28	1.64
5100.0	6.61	14.13	6.73	21.05	1.16	1.01	32.38	17.41	19.56	1.82
5300.0	6.33	13.84	6.53	20.43	1.15	1.01	32.37	17.29	19.60	1.75
5400.0	6.19	13.67	6.47	19.86	1.15	1.01	31.76	17.23	19.81	1.78
5600.0	5.91	13.41	6.34	18.84	1.14	1.01	32.02	17.13	19.80	1.53
5800.0	5.62	13.17	6.17	17.92	1.14	1.01	32.44	17.11	19.54	2.02
6000.0	5.34	12.91	5.93	17.22	1.13	1.02	32.56	17.14	19.39	2.08
6200.0	5.06	12.72	5.68	16.43	1.13	1.02	32.53	17.25	19.52	2.22
6400.0	4.78	12.52	5.47	15.92	1.12	1.03	32.25	17.25	19.52	2.47
6600.0	4.47	12.35	5.31	15.10	1.12	1.03	32.11	17.39	19.77	2.23
6800.0	4.12	12.26	5.14	14.51	1.14	1.04	32.31	17.42	19.70	2.75
7000.0	3.62	12.29	5.52	13.79	1.21	1.02	32.54	17.54	19.90	2.99

(1) Current is externally limited during P1dB measurements. Unit is capable of higher output power if current is not limited.

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=1.5K ohms, Id=30 mA @ Temperature = -45degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dB)
50.0	24.77	29.72	10.97	10.86	1.04	0.66	27.85	0.90
100.0	24.59	29.34	10.99	15.97	1.05	0.73	28.27	0.60
300.0	23.65	28.44	9.76	22.90	1.04	0.79	28.83	0.63
500.0	22.30	27.60	8.45	24.60	1.04	0.87	28.52	0.43
600.0	21.59	27.12	7.97	25.12	1.04	0.90	29.31	0.48
800.0	20.18	26.14	7.28	25.34	1.04	0.94	29.94	0.49
1000.0	18.87	25.19	6.82	25.13	1.05	0.98	30.41	0.51
1200.0	17.68	24.33	6.47	24.49	1.06	1.00	31.31	0.62
1400.0	16.61	23.47	6.26	24.12	1.07	1.02	30.77	0.65
1600.0	15.63	22.68	6.05	23.35	1.08	1.03	31.18	0.64
1700.0	15.18	22.32	5.96	23.41	1.08	1.04	31.23	0.88
1900.0	14.37	21.60	5.91	22.95	1.09	1.04	31.66	0.64
2100.0	13.62	20.89	5.80	22.87	1.09	1.05	31.79	0.63
2300.0	12.96	20.26	5.80	22.86	1.09	1.05	31.83	0.79
2500.0	12.25	19.80	6.05	23.91	1.13	1.05	31.97	0.80
2700.0	11.45	19.33	5.69	21.81	1.12	1.09	31.98	1.12
2900.0	11.19	18.51	5.85	23.06	1.09	1.05	32.34	0.85
3000.0	10.94	18.24	5.96	23.51	1.10	1.04	32.27	0.75
3200.0	10.48	17.71	6.06	23.85	1.10	1.04	32.64	0.85
3400.0	10.05	17.21	6.25	24.65	1.10	1.03	32.38	0.81
3600.0	9.65	16.73	6.43	24.85	1.11	1.01	32.31	0.91
3800.0	9.27	16.26	6.54	25.09	1.10	1.01	32.30	0.94
4000.0	8.93	15.84	6.81	24.88	1.11	0.99	32.15	1.02
4100.0	8.72	15.66	6.84	24.33	1.11	0.99	32.46	0.85
4300.0	8.29	15.32	6.94	22.98	1.13	0.99	31.52	0.99
4500.0	7.96	14.90	7.11	22.33	1.13	0.97	31.45	0.81
4700.0	7.54	14.62	7.31	20.84	1.16	0.96	31.58	1.28
4900.0	7.16	14.33	7.03	20.42	1.16	0.97	32.76	1.34
5100.0	7.03	13.88	6.72	19.90	1.12	0.96	33.39	1.32
5300.0	6.77	13.56	6.50	19.33	1.11	0.96	33.46	1.09
5400.0	6.61	13.44	6.40	18.66	1.11	0.97	32.69	1.26
5600.0	6.34	13.16	6.29	17.90	1.10	0.96	33.10	1.36
5800.0	6.05	12.90	6.14	17.02	1.10	0.96	33.41	1.41
6000.0	5.78	12.68	5.92	16.49	1.09	0.97	33.61	1.57
6200.0	5.49	12.46	5.64	15.69	1.08	0.97	33.53	1.44
6400.0	5.22	12.25	5.43	15.19	1.08	0.98	33.29	1.46
6600.0	4.92	12.10	5.21	14.40	1.08	0.98	33.14	1.49
6800.0	4.61	11.95	4.99	13.97	1.08	1.00	33.17	2.08
7000.0	4.17	11.94	5.13	13.10	1.12	0.99	33.49	1.98

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=1.5K ohms,Id=28 mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dB)
50.0	23.86	30.27	8.70	9.20	1.10	0.71	27.19	1.30
100.0	24.05	29.62	7.96	12.02	1.06	0.76	26.91	1.10
300.0	23.18	28.30	7.41	14.83	0.98	0.85	27.38	0.76
500.0	21.76	27.05	6.87	16.42	0.94	0.93	26.97	0.76
600.0	21.02	26.55	6.66	17.37	0.94	0.97	27.73	0.85
800.0	19.54	25.54	6.33	18.82	0.95	1.02	28.32	0.85
1000.0	18.21	24.67	6.13	20.37	0.98	1.05	28.60	0.97
1200.0	16.99	23.97	5.93	21.68	1.01	1.08	29.71	1.01
1400.0	15.92	23.22	5.83	22.67	1.03	1.10	29.10	1.14
1600.0	14.93	22.54	5.71	23.40	1.06	1.11	29.56	0.95
1700.0	14.46	22.25	5.64	23.66	1.07	1.12	29.58	1.04
1900.0	13.65	21.61	5.64	23.88	1.09	1.12	30.11	1.09
2100.0	12.88	21.00	5.57	24.32	1.10	1.13	30.16	1.17
2300.0	12.20	20.44	5.60	24.42	1.11	1.13	30.20	1.44
2500.0	11.52	19.97	5.81	25.44	1.15	1.12	30.41	1.32
2700.0	10.81	19.48	5.56	23.04	1.15	1.14	30.37	1.72
2900.0	10.42	18.86	5.74	24.35	1.15	1.13	30.76	1.56
3000.0	10.15	18.61	5.84	24.57	1.15	1.12	30.67	1.53
3200.0	9.67	18.15	5.91	24.61	1.16	1.12	30.93	1.62
3400.0	9.23	17.67	6.12	25.14	1.18	1.10	30.77	1.66
3600.0	8.82	17.24	6.30	24.63	1.19	1.09	30.72	1.67
3800.0	8.44	16.77	6.43	24.12	1.19	1.08	30.68	1.74
4000.0	8.08	16.36	6.66	23.51	1.20	1.07	30.58	1.84
4100.0	7.86	16.19	6.69	23.01	1.20	1.07	30.83	1.88
4300.0	7.42	15.89	6.84	22.25	1.23	1.06	30.02	1.95
4500.0	7.10	15.47	7.01	22.23	1.23	1.05	30.13	1.91
4700.0	6.66	15.20	7.28	21.76	1.27	1.04	30.22	2.27
4900.0	6.42	14.80	6.88	21.88	1.23	1.05	31.27	2.36
5100.0	6.21	14.43	6.68	21.43	1.21	1.05	31.70	2.26
5300.0	5.95	14.09	6.48	20.77	1.19	1.05	31.65	2.39
5400.0	5.82	13.96	6.46	20.48	1.19	1.05	31.14	2.38
5600.0	5.55	13.65	6.34	19.45	1.18	1.05	31.45	2.67
5800.0	5.25	13.41	6.12	18.55	1.18	1.05	31.84	2.60
6000.0	4.97	13.15	5.94	17.60	1.17	1.05	31.93	2.74
6200.0	4.69	12.96	5.72	16.98	1.16	1.06	31.86	2.74
6400.0	4.42	12.76	5.53	16.57	1.16	1.07	33.34	2.69
6600.0	4.11	12.59	5.36	15.77	1.16	1.07	31.48	3.16
6800.0	3.76	12.49	5.23	15.27	1.18	1.08	31.73	3.17
7000.0	3.29	12.48	5.51	14.38	1.25	1.06	31.80	3.52

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=20mA @ Temperature = +25degC (1)

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (2)	
								Current Limit 40mA	Current Limit 60mA
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	
50.0	23.04	29.50	9.00	8.35	1.11	0.66	24.74	16.98	17.01
100.0	23.27	28.88	8.37	11.16	1.07	0.73	24.75	17.20	17.57
300.0	22.57	27.66	7.56	13.68	0.99	0.81	24.67	17.17	17.68
500.0	21.34	26.55	6.93	15.32	0.94	0.91	24.76	17.03	17.85
600.0	20.66	26.01	6.64	16.22	0.93	0.95	25.01	16.97	17.99
800.0	19.30	25.21	6.22	17.98	0.94	1.02	25.34	16.97	18.08
1000.0	18.02	24.44	5.92	19.73	0.96	1.06	25.48	17.00	18.19
1200.0	16.85	23.72	5.71	21.35	0.98	1.10	26.49	17.02	18.39
1400.0	15.79	23.13	5.55	22.89	1.01	1.12	26.08	17.01	18.63
1600.0	14.84	22.46	5.45	24.05	1.03	1.14	26.54	16.94	18.38
1700.0	14.39	22.16	5.39	24.63	1.04	1.14	27.22	17.04	18.57
1900.0	13.59	21.58	5.37	25.12	1.06	1.15	26.52	16.92	18.55
2100.0	12.85	20.99	5.35	25.70	1.07	1.15	26.11	16.85	18.86
2300.0	12.20	20.44	5.38	25.91	1.09	1.15	26.59	16.84	18.89
2500.0	11.60	19.87	5.47	25.88	1.10	1.15	26.95	16.81	18.93
2700.0	10.76	19.63	5.34	22.93	1.13	1.18	27.07	16.83	19.02
2900.0	10.51	18.82	5.51	25.20	1.11	1.14	26.99	16.69	19.01
3000.0	10.29	18.56	5.59	25.12	1.11	1.14	27.30	16.73	19.00
3200.0	9.86	18.07	5.71	24.75	1.11	1.13	26.92	16.82	19.12
3400.0	9.45	17.56	5.85	24.42	1.11	1.12	27.88	16.91	19.02
3600.0	9.06	17.10	5.97	24.09	1.12	1.11	27.92	16.94	19.21
3800.0	8.69	16.65	6.10	23.59	1.12	1.09	27.71	16.90	19.15
4000.0	8.32	16.24	6.19	22.88	1.12	1.09	26.78	16.90	19.20
4100.0	8.13	16.07	6.23	22.38	1.13	1.08	27.42	16.98	19.06
4300.0	7.72	15.75	6.18	21.41	1.14	1.08	26.40	16.90	18.87
4500.0	7.41	15.38	6.15	20.96	1.13	1.08	27.59	17.17	18.90
4700.0	7.07	15.04	6.24	20.40	1.15	1.07	27.07	17.16	19.22
4900.0	6.52	14.89	6.55	19.96	1.21	1.06	27.66	17.22	19.28
5100.0	6.43	14.36	5.79	19.64	1.12	1.08	27.63	17.41	19.56
5300.0	6.17	14.06	5.59	18.92	1.11	1.08	28.02	17.29	19.60
5400.0	6.03	13.91	5.51	18.50	1.10	1.08	27.18	17.23	19.81
5600.0	5.74	13.64	5.35	17.78	1.10	1.08	27.69	17.13	19.80
5800.0	5.44	13.38	5.18	17.16	1.09	1.09	28.72	17.11	19.54
6000.0	5.14	13.17	5.08	16.54	1.09	1.09	28.26	17.14	19.39
6200.0	4.88	12.92	4.87	15.99	1.08	1.10	27.30	17.25	19.52
6400.0	4.61	12.70	4.69	15.54	1.07	1.10	27.73	17.25	19.52
6600.0	4.33	12.50	4.56	15.08	1.07	1.11	28.58	17.39	19.77
6800.0	4.04	12.33	4.44	14.67	1.07	1.11	28.19	17.42	19.70
7000.0	3.68	12.26	4.42	14.16	1.09	1.11	28.15	17.54	19.90

FREQ	Noise Figure
(MHz)	(dB)
50.0	1.11
100.0	0.84
400.0	0.69
600.0	0.72
800.0	0.78
1100.0	0.86
1300.0	0.90
1600.0	0.97
1800.0	1.14
2000.0	0.97
2300.0	1.06
2500.0	1.17
2700.0	1.67
3000.0	1.25
3200.0	1.36
3400.0	1.46
3700.0	1.39
3900.0	1.64
4100.0	1.59
4400.0	1.73
4600.0	1.85
4900.0	2.17
5100.0	1.97
5300.0	1.96
5600.0	2.15
5800.0	2.32
6000.0	2.37
6400.0	2.68
6600.0	2.60
6800.0	2.80
7000.0	2.69

(1) External Rbias resistor is adjusted to obtain desired current

(2) Current is externally limited during P1dB measurements. Unit is capable of higher output power if current is not limited.

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=30mA @ Temperature = +25degC (1)

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (2)	
								Current Limit 40mA	Current Limit 60mA
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	
50.0	24.28	30.23	9.58	9.98	1.09	0.70	27.17	16.98	17.01
100.0	24.36	29.65	9.39	13.82	1.07	0.75	27.26	17.20	17.57
300.0	23.49	28.50	8.37	17.69	1.01	0.83	27.46	17.17	17.68
500.0	22.12	27.36	7.46	19.83	0.98	0.90	27.87	17.03	17.85
600.0	21.39	26.84	7.08	20.91	0.98	0.94	28.17	16.97	17.99
800.0	19.94	25.92	6.55	23.00	0.99	1.00	28.71	16.97	18.08
1000.0	18.60	25.01	6.21	24.91	1.01	1.03	28.94	17.00	18.19
1200.0	17.39	24.23	5.96	26.26	1.03	1.06	29.98	17.02	18.39
1400.0	16.30	23.45	5.79	27.12	1.05	1.08	29.68	17.01	18.63
1600.0	15.33	22.69	5.68	27.27	1.06	1.09	30.16	16.94	18.38
1700.0	14.88	22.36	5.63	27.33	1.07	1.09	30.87	17.04	18.57
1900.0	14.06	21.67	5.60	26.62	1.08	1.10	30.22	16.92	18.55
2100.0	13.32	21.01	5.58	26.63	1.09	1.10	29.84	16.85	18.86
2300.0	12.65	20.37	5.61	26.89	1.09	1.10	30.31	16.84	18.89
2500.0	12.04	19.76	5.71	26.95	1.10	1.09	30.77	16.81	18.93
2700.0	11.18	19.46	5.57	23.77	1.13	1.12	30.79	16.83	19.02
2900.0	10.94	18.64	5.75	25.55	1.10	1.09	30.80	16.69	19.01
3000.0	10.71	18.37	5.82	25.57	1.10	1.08	31.12	16.73	19.00
3200.0	10.28	17.82	5.95	25.55	1.10	1.07	30.73	16.82	19.12
3400.0	9.86	17.31	6.09	25.46	1.10	1.06	31.67	16.91	19.02
3600.0	9.47	16.83	6.21	25.14	1.10	1.05	31.70	16.94	19.21
3800.0	9.08	16.37	6.35	24.63	1.11	1.04	31.51	16.90	19.15
4000.0	8.71	15.95	6.43	23.78	1.11	1.03	30.50	16.90	19.20
4100.0	8.51	15.76	6.46	23.20	1.11	1.03	31.22	16.98	19.06
4300.0	8.10	15.43	6.43	21.75	1.12	1.03	30.18	16.90	18.87
4500.0	7.78	15.06	6.38	20.88	1.11	1.02	31.38	17.17	18.90
4700.0	7.43	14.73	6.48	20.00	1.13	1.01	30.84	17.16	19.22
4900.0	6.89	14.58	6.76	19.14	1.18	1.00	31.40	17.22	19.28
5100.0	6.79	14.04	6.00	18.87	1.10	1.02	31.34	17.41	19.56
5300.0	6.52	13.74	5.79	18.15	1.09	1.02	31.76	17.29	19.60
5400.0	6.38	13.59	5.71	17.77	1.09	1.02	30.79	17.23	19.81
5600.0	6.09	13.34	5.54	17.06	1.08	1.02	31.39	17.13	19.80
5800.0	5.80	13.08	5.36	16.39	1.07	1.03	32.51	17.11	19.54
6000.0	5.49	12.87	5.26	15.81	1.08	1.03	32.01	17.14	19.39
6200.0	5.22	12.66	5.05	15.28	1.07	1.03	31.20	17.25	19.52
6400.0	4.95	12.42	4.86	14.82	1.06	1.04	31.14	17.25	19.52
6600.0	4.67	12.23	4.73	14.35	1.06	1.04	32.35	17.39	19.77
6800.0	4.38	12.07	4.60	13.93	1.06	1.04	31.48	17.42	19.70
7000.0	4.02	12.00	4.58	13.40	1.08	1.04	32.75	17.54	19.90

FREQ	Noise Figure
(MHz)	(dB)
50.0	1.04
100.0	0.79
400.0	0.65
600.0	0.70
800.0	0.74
1100.0	0.81
1300.0	0.86
1600.0	0.93
1800.0	1.04
2000.0	0.90
2300.0	1.05
2500.0	1.11
2700.0	1.57
3000.0	1.13
3200.0	1.18
3400.0	1.29
3700.0	1.25
3900.0	1.37
4100.0	1.46
4400.0	1.61
4600.0	1.66
4900.0	1.99
5100.0	1.89
5300.0	1.75
5600.0	1.93
5800.0	2.18
6000.0	2.24
6400.0	2.34
6600.0	2.56
6800.0	2.68
7000.0	2.88

(1) External Rbias resistor is adjusted to obtain desired current

(2) Current is externally limited during P1dB measurements. Unit is capable of higher output power if current is not limited.

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=40mA @ Temperature = +25degC (1)

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (2)	
								Current Limit 40mA	Current Limit 60mA
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	
50.0	25.04	30.64	10.27	10.94	1.09	0.70	29.36	16.98	17.01
100.0	25.02	30.24	10.20	15.66	1.08	0.76	29.45	17.20	17.57
300.0	24.04	29.05	8.95	21.17	1.03	0.82	29.85	17.17	17.68
500.0	22.59	27.97	7.82	23.62	1.02	0.90	30.42	17.03	17.85
600.0	21.82	27.37	7.38	24.57	1.01	0.93	30.80	16.97	17.99
800.0	20.32	26.35	6.77	25.94	1.02	0.98	31.43	16.97	18.08
1000.0	18.95	25.42	6.40	26.46	1.04	1.01	31.69	17.00	18.19
1200.0	17.71	24.49	6.14	26.14	1.05	1.03	32.80	17.02	18.39
1400.0	16.61	23.64	5.96	25.71	1.06	1.05	32.51	17.01	18.63
1600.0	15.63	22.83	5.84	25.07	1.07	1.06	33.04	16.94	18.38
1700.0	15.17	22.45	5.78	24.93	1.08	1.06	33.82	17.04	18.57
1900.0	14.34	21.73	5.75	24.28	1.09	1.06	33.16	16.92	18.55
2100.0	13.59	21.01	5.74	24.23	1.09	1.06	32.84	16.85	18.86
2300.0	12.92	20.33	5.76	24.37	1.09	1.06	33.46	16.84	18.89
2500.0	12.31	19.68	5.87	24.60	1.10	1.05	33.85	16.81	18.93
2700.0	11.44	19.36	5.72	22.78	1.12	1.09	33.87	16.83	19.02
2900.0	11.20	18.52	5.91	23.65	1.10	1.05	34.01	16.69	19.01
3000.0	10.97	18.24	5.99	23.82	1.10	1.04	34.31	16.73	19.00
3200.0	10.53	17.71	6.12	24.04	1.10	1.03	33.96	16.82	19.12
3400.0	10.10	17.15	6.27	24.09	1.10	1.02	35.06	16.91	19.02
3600.0	9.71	16.67	6.39	24.04	1.10	1.01	34.88	16.94	19.21
3800.0	9.32	16.21	6.53	23.80	1.10	1.00	34.79	16.90	19.15
4000.0	8.94	15.79	6.60	23.11	1.10	0.99	33.95	16.90	19.20
4100.0	8.74	15.60	6.63	22.59	1.10	0.99	34.68	16.98	19.06
4300.0	8.34	15.25	6.59	21.24	1.10	0.99	33.55	16.90	18.87
4500.0	8.01	14.88	6.56	20.24	1.10	0.98	34.89	17.17	18.90
4700.0	7.65	14.57	6.64	19.32	1.12	0.97	34.46	17.16	19.22
4900.0	7.11	14.40	6.91	18.34	1.16	0.97	34.84	17.22	19.28
5100.0	7.01	13.89	6.14	18.17	1.09	0.98	34.68	17.41	19.56
5300.0	6.74	13.58	5.92	17.45	1.08	0.98	35.34	17.29	19.60
5400.0	6.60	13.42	5.84	17.10	1.08	0.98	34.10	17.23	19.81
5600.0	6.30	13.16	5.67	16.44	1.07	0.98	34.97	17.13	19.80
5800.0	6.01	12.92	5.49	15.81	1.07	0.98	36.20	17.11	19.54
6000.0	5.70	12.72	5.38	15.25	1.07	0.99	35.53	17.14	19.39
6200.0	5.43	12.49	5.16	14.76	1.06	0.99	34.63	17.25	19.52
6400.0	5.16	12.26	4.98	14.29	1.05	1.00	35.17	17.25	19.52
6600.0	4.88	12.09	4.83	13.83	1.05	1.00	35.99	17.39	19.77
6800.0	4.59	11.93	4.71	13.43	1.06	1.00	34.91	17.42	19.70
7000.0	4.23	11.86	4.68	12.89	1.08	1.00	34.78	17.54	19.90

FREQ	Noise Figure
(MHz)	(dB)
50.0	1.02
100.0	0.74
400.0	0.64
600.0	0.66
800.0	0.73
1100.0	0.79
1300.0	0.84
1600.0	0.91
1800.0	1.04
2000.0	0.86
2300.0	0.97
2500.0	0.99
2700.0	1.54
3000.0	1.11
3200.0	1.17
3400.0	1.31
3700.0	1.24
3900.0	1.39
4100.0	1.57
4400.0	1.60
4600.0	1.64
4900.0	2.01
5100.0	1.75
5300.0	1.76
5600.0	1.88
5800.0	2.06
6000.0	2.19
6400.0	2.26
6600.0	2.49
6800.0	2.70
7000.0	2.90

(1) External Rbias resistor is adjusted to obtain desired current

(2) Current is externally limited during P1dB measurements. Unit is capable of higher output power if current is not limited.