

## 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=681 ohms, Id=58 mA @ Temperature = +25degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (1)		Noise Figure
								Current Limit 70mA	Current Limit 80mA	
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)		(dB)
50.0	25.89	31.85	11.02	12.12	1.10	0.77	32.39	19.42	19.50	1.02
100.0	25.73	30.72	11.15	17.30	1.07	0.76	32.51	19.01	19.10	0.74
300.0	24.58	29.70	9.67	23.49	1.06	0.82	33.21	19.08	19.16	0.58
500.0	23.00	28.53	8.32	23.92	1.05	0.88	33.21	19.15	19.23	0.55
600.0	22.19	27.89	7.87	23.63	1.05	0.90	34.12	19.22	19.30	0.62
800.0	20.63	26.78	7.23	23.33	1.06	0.94	34.77	19.18	19.27	0.64
1000.0	19.23	25.63	6.85	22.77	1.07	0.96	35.05	19.14	19.23	0.78
1200.0	17.97	24.66	6.53	22.21	1.08	0.99	36.10	19.34	19.42	0.79
1400.0	16.86	23.72	6.36	21.85	1.09	1.00	36.04	19.48	19.56	0.84
1600.0	15.85	22.87	6.18	21.31	1.10	1.01	36.64	19.19	19.27	0.90
1700.0	15.38	22.47	6.10	21.38	1.10	1.02	36.58	19.34	19.42	0.88
1900.0	14.56	21.67	6.10	21.19	1.10	1.01	37.15	19.31	19.39	0.85
2100.0	13.78	20.93	6.01	20.98	1.10	1.02	37.31	19.54	19.61	0.86
2300.0	13.10	20.28	6.02	21.21	1.10	1.02	37.56	19.59	19.68	0.99
2500.0	12.40	19.72	6.29	22.06	1.13	1.01	37.22	19.62	19.71	1.02
2700.0	11.68	19.16	5.94	20.70	1.12	1.04	37.74	19.63	19.70	1.32
2900.0	11.30	18.46	6.14	21.54	1.11	1.01	38.22	19.64	19.73	1.13
3000.0	11.05	18.20	6.25	21.86	1.11	1.01	38.35	19.62	19.71	1.08
3200.0	10.56	17.67	6.32	22.05	1.11	1.00	38.54	19.72	19.80	1.07
3400.0	10.13	17.16	6.56	22.79	1.12	0.99	38.65	19.62	19.71	1.21
3600.0	9.71	16.68	6.74	22.91	1.12	0.98	39.03	19.79	19.87	1.20
3800.0	9.33	16.19	6.89	23.20	1.12	0.97	38.90	19.74	19.83	1.26
4000.0	8.96	15.77	7.14	23.15	1.13	0.96	38.77	19.88	19.97	1.23
4100.0	8.74	15.60	7.18	22.57	1.13	0.96	38.59	19.82	19.91	1.18
4300.0	8.32	15.26	7.31	21.87	1.15	0.96	38.32	19.92	19.99	1.54
4500.0	7.97	14.84	7.54	21.18	1.15	0.94	39.16	19.77	19.86	1.47
4700.0	7.50	14.60	7.82	20.01	1.19	0.93	39.14	20.08	20.17	1.75
4900.0	7.27	14.20	7.27	19.83	1.15	0.94	40.33	20.11	20.19	1.56
5100.0	7.06	13.81	7.09	19.47	1.13	0.94	40.09	20.18	20.27	1.57
5300.0	6.78	13.49	6.89	18.84	1.12	0.94	40.15	20.19	20.30	1.70
5400.0	6.64	13.36	6.81	18.42	1.12	0.94	40.50	20.42	20.48	1.69
5600.0	6.34	13.09	6.67	17.49	1.12	0.93	40.24	20.40	20.48	1.85
5800.0	6.05	12.87	6.48	16.72	1.12	0.94	40.93	20.20	20.26	2.02
6000.0	5.76	12.62	6.22	16.02	1.11	0.94	40.19	20.05	20.13	2.11
6200.0	5.47	12.44	5.97	15.35	1.11	0.95	41.08	20.14	20.23	2.11
6400.0	5.19	12.24	5.74	14.83	1.10	0.95	40.38	20.14	20.23	2.18
6600.0	4.88	12.08	5.56	14.11	1.11	0.96	39.92	20.35	20.43	2.18
6800.0	4.52	11.99	5.38	13.53	1.12	0.97	41.21	20.25	20.33	2.72
7000.0	4.02	12.05	5.75	12.83	1.18	0.96	40.88	20.43	20.52	2.83

(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=681 ohms, Id=60 mA @ Temperature = -45degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	Noise Figure
					K	Measure		
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dB)
50.0	26.04	31.43	12.43	11.81	1.06	0.73	32.91	0.82
100.0	25.69	30.27	12.99	16.48	1.05	0.71	33.40	0.54
300.0	24.58	29.52	10.94	21.01	1.07	0.77	34.00	0.43
500.0	23.10	28.57	9.11	21.26	1.08	0.83	33.97	0.40
600.0	22.33	28.06	8.51	21.29	1.09	0.86	34.70	0.45
800.0	20.85	26.82	7.71	21.04	1.09	0.89	35.18	0.48
1000.0	19.48	25.76	7.19	20.62	1.09	0.92	35.75	0.58
1200.0	18.25	24.72	6.81	20.22	1.09	0.94	36.54	0.53
1400.0	17.16	23.72	6.58	20.02	1.09	0.95	36.56	0.66
1600.0	16.16	22.84	6.36	19.58	1.09	0.96	37.09	0.55
1700.0	15.71	22.41	6.27	19.68	1.09	0.97	37.24	0.83
1900.0	14.89	21.60	6.22	19.46	1.09	0.97	37.61	0.58
2100.0	14.12	20.84	6.11	19.49	1.09	0.98	37.54	0.60
2300.0	13.46	20.14	6.12	19.56	1.08	0.97	38.10	0.75
2500.0	12.74	19.63	6.39	20.23	1.11	0.97	37.83	0.76
2700.0	11.93	19.16	6.01	19.58	1.11	1.01	38.02	1.09
2900.0	11.67	18.31	6.18	20.09	1.08	0.97	38.85	0.78
3000.0	11.42	18.01	6.29	20.33	1.09	0.97	39.08	0.78
3200.0	10.95	17.47	6.41	20.79	1.08	0.96	39.10	0.79
3400.0	10.51	16.96	6.61	21.33	1.09	0.95	39.28	0.79
3600.0	10.11	16.46	6.81	21.83	1.09	0.94	39.04	0.82
3800.0	9.73	16.00	6.93	22.12	1.09	0.93	39.16	1.01
4000.0	9.38	15.56	7.21	22.39	1.09	0.92	39.42	0.92
4100.0	9.15	15.37	7.24	21.97	1.10	0.92	39.48	1.14
4300.0	8.73	15.03	7.32	21.01	1.11	0.91	39.28	1.01
4500.0	8.40	14.61	7.54	20.65	1.11	0.90	39.44	0.64
4700.0	7.95	14.35	7.74	19.09	1.13	0.89	39.67	1.30
4900.0	7.58	14.06	7.38	18.59	1.13	0.90	40.58	1.38
5100.0	7.45	13.61	7.05	18.22	1.10	0.89	40.36	1.13
5300.0	7.17	13.31	6.83	17.90	1.09	0.89	39.74	1.12
5400.0	7.01	13.16	6.71	17.14	1.09	0.89	40.48	1.18
5600.0	6.73	12.89	6.61	16.63	1.09	0.89	40.68	1.59
5800.0	6.43	12.65	6.42	15.85	1.08	0.89	40.32	1.37
6000.0	6.17	12.43	6.21	15.47	1.08	0.90	40.37	1.47
6200.0	5.86	12.22	5.90	14.67	1.07	0.90	40.63	1.35
6400.0	5.59	12.03	5.69	14.28	1.07	0.91	40.86	1.61
6600.0	5.29	11.86	5.45	13.43	1.07	0.91	41.12	1.63
6800.0	4.98	11.75	5.23	13.14	1.07	0.92	40.73	2.17
7000.0	4.53	11.74	5.35	12.24	1.11	0.92	40.63	1.78

## 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=681 ohms, Id=56 mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	Noise Figure
					K	Measure		
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dB)
50.0	25.62	31.37	9.83	11.69	1.09	0.74	31.90	1.30
100.0	25.62	30.69	9.65	16.37	1.06	0.77	31.80	1.90
300.0	24.47	29.65	8.69	21.43	1.03	0.85	32.52	0.71
500.0	22.84	28.27	7.69	22.88	1.01	0.91	32.65	0.71
600.0	22.01	27.68	7.36	23.29	1.01	0.94	33.50	0.77
800.0	20.41	26.59	6.88	23.60	1.03	0.98	34.08	0.78
1000.0	19.00	25.57	6.59	23.92	1.05	1.00	34.42	0.77
1200.0	17.73	24.59	6.34	23.58	1.07	1.02	35.40	0.98
1400.0	16.62	23.72	6.21	23.47	1.08	1.03	35.39	1.00
1600.0	15.60	22.88	6.06	22.95	1.09	1.04	35.85	1.33
1700.0	15.12	22.48	5.99	23.00	1.10	1.05	36.16	1.18
1900.0	14.29	21.71	5.99	22.80	1.10	1.05	36.46	1.07
2100.0	13.51	21.01	5.92	22.60	1.11	1.05	36.78	1.14
2300.0	12.83	20.37	5.95	22.67	1.11	1.05	37.08	1.23
2500.0	12.13	19.82	6.18	23.57	1.14	1.05	37.11	1.30
2700.0	11.41	19.32	5.90	21.87	1.14	1.07	37.19	1.58
2900.0	11.01	18.60	6.09	22.81	1.13	1.05	37.81	1.48
3000.0	10.75	18.33	6.19	23.07	1.13	1.04	38.16	1.47
3200.0	10.26	17.83	6.28	23.28	1.14	1.04	37.98	1.47
3400.0	9.81	17.36	6.52	24.04	1.15	1.03	38.12	1.47
3600.0	9.40	16.85	6.69	23.86	1.15	1.01	38.28	1.66
3800.0	9.01	16.38	6.85	23.93	1.15	1.01	38.23	1.77
4000.0	8.64	15.98	7.07	23.68	1.16	1.00	38.44	1.79
4100.0	8.41	15.81	7.11	22.99	1.17	0.99	38.25	1.93
4300.0	7.98	15.48	7.26	22.28	1.18	0.99	37.72	1.86
4500.0	7.65	15.07	7.46	21.77	1.19	0.98	38.95	1.90
4700.0	7.20	14.84	7.71	20.77	1.22	0.97	38.46	2.13
4900.0	6.95	14.42	7.29	20.62	1.19	0.97	39.83	2.18
5100.0	6.74	14.04	7.04	20.23	1.17	0.97	39.78	2.16
5300.0	6.46	13.71	6.85	19.54	1.16	0.97	39.74	2.24
5400.0	6.33	13.56	6.81	19.30	1.15	0.97	39.80	2.27
5600.0	6.04	13.28	6.67	18.28	1.15	0.97	39.73	2.55
5800.0	5.74	13.05	6.43	17.40	1.15	0.98	40.22	2.47
6000.0	5.45	12.79	6.23	16.52	1.14	0.98	39.96	2.65
6200.0	5.16	12.61	6.00	16.03	1.14	0.99	40.20	2.62
6400.0	4.89	12.43	5.79	15.50	1.13	0.99	40.25	2.71
6600.0	4.57	12.26	5.61	14.76	1.14	1.00	39.59	2.80
6800.0	4.23	12.18	5.46	14.19	1.15	1.00	40.34	3.19
7000.0	3.76	12.19	5.72	13.33	1.21	0.99	41.07	3.27

## 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)		FREQ	Noise Figure
								Current Limit 70mA	Current Limit 80mA		
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)		(MHz)	(dB)
50.0	25.04	30.64	10.27	10.94	1.09	0.70	29.36	19.42	19.50	50.0	1.02
100.0	25.02	30.24	10.20	15.66	1.08	0.76	29.45	19.01	19.10	100.0	0.74
300.0	24.04	29.05	8.95	21.17	1.03	0.82	29.85	19.08	19.16	400.0	0.64
500.0	22.59	27.97	7.82	23.62	1.02	0.90	30.42	19.15	19.23	600.0	0.66
600.0	21.82	27.37	7.38	24.57	1.01	0.93	30.80	19.22	19.30	800.0	0.73
800.0	20.32	26.35	6.77	25.94	1.02	0.98	31.43	19.18	19.27	1100.0	0.79
1000.0	18.95	25.42	6.40	26.46	1.04	1.01	31.69	19.14	19.23	1300.0	0.84
1200.0	17.71	24.49	6.14	26.14	1.05	1.03	32.80	19.34	19.42	1600.0	0.91
1400.0	16.61	23.64	5.96	25.71	1.06	1.05	32.51	19.48	19.56	1800.0	1.04
1600.0	15.63	22.83	5.84	25.07	1.07	1.06	33.04	19.19	19.27	2000.0	0.86
1700.0	15.17	22.45	5.78	24.93	1.08	1.06	33.82	19.34	19.42	2300.0	0.97
1900.0	14.34	21.73	5.75	24.28	1.09	1.06	33.16	19.31	19.39	2500.0	0.99
2100.0	13.59	21.01	5.74	24.23	1.09	1.06	32.84	19.54	19.61	2700.0	1.54
2300.0	12.92	20.33	5.76	24.37	1.09	1.06	33.46	19.59	19.68	3000.0	1.11
2500.0	12.31	19.68	5.87	24.60	1.10	1.05	33.85	19.62	19.71	3200.0	1.17
2700.0	11.44	19.36	5.72	22.78	1.12	1.09	33.87	19.63	19.70	3400.0	1.31
2900.0	11.20	18.52	5.91	23.65	1.10	1.05	34.01	19.64	19.73	3700.0	1.24
3000.0	10.97	18.24	5.99	23.82	1.10	1.04	34.31	19.62	19.71	3900.0	1.39
3200.0	10.53	17.71	6.12	24.04	1.10	1.03	33.96	19.72	19.80	4100.0	1.57
3400.0	10.10	17.15	6.27	24.09	1.10	1.02	35.06	19.62	19.71	4400.0	1.60
3600.0	9.71	16.67	6.39	24.04	1.10	1.01	34.88	19.79	19.87	4600.0	1.64
3800.0	9.32	16.21	6.53	23.80	1.10	1.00	34.79	19.74	19.83	4900.0	2.01
4000.0	8.94	15.79	6.60	23.11	1.10	0.99	33.95	19.88	19.97	5100.0	1.75
4100.0	8.74	15.60	6.63	22.59	1.10	0.99	34.68	19.82	19.91	5300.0	1.76
4300.0	8.34	15.25	6.59	21.24	1.10	0.99	33.55	19.92	19.99	5600.0	1.88
4500.0	8.01	14.88	6.56	20.24	1.10	0.98	34.89	19.77	19.86	5800.0	2.06
4700.0	7.65	14.57	6.64	19.32	1.12	0.97	34.46	20.08	20.17	6000.0	2.19
4900.0	7.11	14.40	6.91	18.34	1.16	0.97	34.84	20.11	20.19	6400.0	2.26
5100.0	7.01	13.89	6.14	18.17	1.09	0.98	34.68	20.18	20.27	6600.0	2.49
5300.0	6.74	13.58	5.92	17.45	1.08	0.98	35.34	20.19	20.30	6800.0	2.70
5400.0	6.60	13.42	5.84	17.10	1.08	0.98	34.10	20.42	20.48	7000.0	2.90
5600.0	6.30	13.16	5.67	16.44	1.07	0.98	34.97	20.40	20.48		
5800.0	6.01	12.92	5.49	15.81	1.07	0.98	36.20	20.20	20.26		
6000.0	5.70	12.72	5.38	15.25	1.07	0.99	35.53	20.05	20.13		
6200.0	5.43	12.49	5.16	14.76	1.06	0.99	34.63	20.14	20.23		
6400.0	5.16	12.26	4.98	14.29	1.05	1.00	35.17	20.14	20.23		
6600.0	4.88	12.09	4.83	13.83	1.05	1.00	35.99	20.35	20.43		
6800.0	4.59	11.93	4.71	13.43	1.06	1.00	34.91	20.25	20.33		
7000.0	4.23	11.86	4.68	12.89	1.08	1.00	34.78	20.43	20.52		

(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=60mA @ Temperature = +25degC (1)

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (2)		FREQ	Noise Figure
								Current Limit 70mA	Current Limit 80mA		
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)		(MHz)	(dB)
50.0	25.84	31.27	10.85	12.05	1.07	0.73	32.14	19.42	19.50	50.0	1.00
100.0	25.71	30.72	11.23	17.28	1.07	0.76	32.28	19.01	19.10	100.0	0.74
300.0	24.61	29.59	9.57	24.26	1.05	0.81	32.83	19.08	19.16	400.0	0.61
500.0	23.07	28.57	8.18	25.73	1.05	0.88	33.45	19.15	19.23	600.0	0.66
600.0	22.26	27.93	7.68	25.65	1.04	0.91	33.88	19.22	19.30	800.0	0.70
800.0	20.71	26.75	7.02	25.09	1.05	0.95	34.54	19.18	19.27	1100.0	0.78
1000.0	19.31	25.74	6.60	24.22	1.06	0.98	35.20	19.14	19.23	1300.0	0.82
1200.0	18.05	24.75	6.33	23.42	1.07	1.00	35.99	19.34	19.42	1600.0	0.90
1400.0	16.93	23.83	6.14	22.81	1.08	1.01	35.87	19.48	19.56	1800.0	0.98
1600.0	15.94	22.95	6.02	22.28	1.09	1.02	36.19	19.19	19.27	2000.0	0.87
1700.0	15.48	22.49	5.96	22.13	1.09	1.02	36.22	19.34	19.42	2300.0	1.00
1900.0	14.64	21.71	5.93	21.75	1.09	1.02	36.25	19.31	19.39	2500.0	1.05
2100.0	13.89	20.96	5.92	21.70	1.09	1.02	36.63	19.54	19.61	2700.0	1.53
2300.0	13.21	20.25	5.95	21.89	1.09	1.02	37.19	19.59	19.68	3000.0	1.09
2500.0	12.59	19.59	6.06	22.21	1.09	1.01	36.86	19.62	19.71	3200.0	1.04
2700.0	11.72	19.29	5.91	21.38	1.12	1.05	37.28	19.63	19.70	3400.0	1.27
2900.0	11.47	18.41	6.09	21.68	1.09	1.00	37.35	19.64	19.73	3700.0	1.24
3000.0	11.24	18.09	6.18	21.87	1.09	1.00	37.53	19.62	19.71	3900.0	1.40
3200.0	10.79	17.55	6.32	22.20	1.09	0.99	37.73	19.72	19.80	4100.0	1.41
3400.0	10.36	17.02	6.47	22.45	1.09	0.98	37.66	19.62	19.71	4400.0	1.59
3600.0	9.97	16.52	6.60	22.51	1.09	0.97	37.54	19.79	19.87	4600.0	1.60
3800.0	9.57	16.05	6.73	22.42	1.09	0.96	37.76	19.74	19.83	4900.0	1.87
4000.0	9.18	15.63	6.81	21.98	1.09	0.95	38.42	19.88	19.97	5100.0	1.78
4100.0	8.99	15.43	6.83	21.57	1.09	0.95	37.91	19.82	19.91	5300.0	1.80
4300.0	8.59	15.09	6.79	20.39	1.09	0.95	38.32	19.92	19.99	5600.0	2.18
4500.0	8.25	14.73	6.76	19.41	1.10	0.94	37.97	19.77	19.86	5800.0	2.04
4700.0	7.89	14.41	6.84	18.54	1.11	0.93	39.10	20.08	20.17	6000.0	2.16
4900.0	7.34	14.25	7.09	17.53	1.15	0.93	38.58	20.11	20.19	6400.0	2.17
5100.0	7.24	13.71	6.32	17.38	1.08	0.93	39.00	20.18	20.27	6600.0	2.50
5300.0	6.97	13.41	6.09	16.76	1.07	0.94	38.70	20.19	20.30	6800.0	2.57
5400.0	6.82	13.28	6.00	16.43	1.07	0.94	39.49	20.42	20.48	7000.0	3.00
5600.0	6.53	13.01	5.83	15.79	1.07	0.94	39.05	20.40	20.48		
5800.0	6.23	12.77	5.64	15.20	1.06	0.94	37.76	20.20	20.26		
6000.0	5.92	12.56	5.52	14.69	1.06	0.94	38.39	20.05	20.13		
6200.0	5.65	12.33	5.30	14.20	1.05	0.95	39.65	20.14	20.23		
6400.0	5.38	12.11	5.12	13.77	1.05	0.95	38.93	20.14	20.23		
6600.0	5.10	11.94	4.96	13.33	1.05	0.95	38.41	20.35	20.43		
6800.0	4.80	11.81	4.84	12.93	1.05	0.96	38.83	20.25	20.33		
7000.0	4.44	11.73	4.81	12.40	1.07	0.96	40.47	20.43	20.52		

(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=74mA @ Temperature = +25degC (1)

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output (2)		FREQ	Noise Figure
								Current Limit 70mA	Current Limit 80mA		
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)		(MHz)	(dB)
50.0	26.23	32.45	11.22	12.41	1.13	0.78	33.92	19.42	19.50	50.0	1.01
100.0	26.05	30.99	11.81	17.65	1.07	0.75	34.02	19.01	19.10	100.0	0.73
300.0	24.89	30.07	9.91	24.02	1.07	0.81	34.24	19.08	19.16	400.0	0.60
500.0	23.31	28.87	8.38	24.72	1.06	0.87	34.71	19.15	19.23	600.0	0.66
600.0	22.49	28.25	7.84	24.44	1.06	0.90	35.11	19.22	19.30	800.0	0.71
800.0	20.92	27.02	7.14	23.72	1.07	0.94	35.46	19.18	19.27	1100.0	0.77
1000.0	19.50	25.95	6.72	22.91	1.08	0.96	35.86	19.14	19.23	1300.0	0.84
1200.0	18.23	24.87	6.44	22.20	1.08	0.98	35.93	19.34	19.42	1600.0	0.91
1400.0	17.10	23.85	6.24	21.69	1.08	0.99	36.16	19.48	19.56	1800.0	1.03
1600.0	16.11	22.98	6.13	21.24	1.09	1.00	35.90	19.19	19.27	2000.0	0.89
1700.0	15.64	22.54	6.07	21.14	1.09	1.00	35.33	19.34	19.42	2300.0	0.95
1900.0	14.80	21.75	6.02	20.85	1.09	1.00	36.07	19.31	19.39	2500.0	1.07
2100.0	14.05	20.97	6.02	20.83	1.09	1.00	36.31	19.54	19.61	2700.0	1.50
2300.0	13.37	20.25	6.05	21.04	1.09	1.00	36.48	19.59	19.68	3000.0	1.11
2500.0	12.75	19.58	6.17	21.35	1.09	0.99	36.01	19.62	19.71	3200.0	1.21
2700.0	11.86	19.25	6.01	20.85	1.12	1.03	36.32	19.63	19.70	3400.0	1.14
2900.0	11.62	18.37	6.20	20.95	1.09	0.98	36.69	19.64	19.73	3700.0	1.32
3000.0	11.39	18.07	6.29	21.18	1.09	0.98	36.51	19.62	19.71	3900.0	1.40
3200.0	10.94	17.49	6.43	21.53	1.08	0.97	36.70	19.72	19.80	4100.0	1.32
3400.0	10.51	16.96	6.58	21.81	1.08	0.95	35.90	19.62	19.71	4400.0	1.58
3600.0	10.11	16.45	6.72	21.94	1.08	0.94	35.92	19.79	19.87	4600.0	1.62
3800.0	9.71	16.00	6.86	21.95	1.08	0.93	36.27	19.74	19.83	4900.0	1.99
4000.0	9.32	15.58	6.92	21.54	1.09	0.93	37.11	19.88	19.97	5100.0	1.80
4100.0	9.12	15.39	6.94	21.20	1.09	0.93	36.11	19.82	19.91	5300.0	1.89
4300.0	8.72	15.03	6.91	20.13	1.09	0.93	37.20	19.92	19.99	5600.0	2.20
4500.0	8.39	14.66	6.87	19.18	1.09	0.92	36.06	19.77	19.86	5800.0	2.19
4700.0	8.02	14.35	6.95	18.30	1.10	0.91	36.45	20.08	20.17	6000.0	2.23
4900.0	7.48	14.18	7.20	17.26	1.14	0.91	36.50	20.11	20.19	6400.0	2.42
5100.0	7.37	13.67	6.41	17.11	1.08	0.91	37.01	20.18	20.27	6600.0	2.54
5300.0	7.10	13.36	6.18	16.52	1.07	0.92	36.21	20.19	20.30	6800.0	2.55
5400.0	6.95	13.22	6.10	16.19	1.07	0.91	37.49	20.42	20.48	7000.0	2.91
5600.0	6.65	12.96	5.91	15.58	1.06	0.92	36.51	20.40	20.48		
5800.0	6.36	12.72	5.72	15.02	1.06	0.92	35.34	20.20	20.26		
6000.0	6.05	12.50	5.61	14.50	1.06	0.92	35.99	20.05	20.13		
6200.0	5.78	12.28	5.39	14.04	1.05	0.93	36.73	20.14	20.23		
6400.0	5.51	12.07	5.20	13.59	1.05	0.93	36.02	20.14	20.23		
6600.0	5.22	11.89	5.05	13.15	1.05	0.93	35.69	20.35	20.43		
6800.0	4.93	11.75	4.91	12.76	1.05	0.94	36.26	20.25	20.33		
7000.0	4.57	11.68	4.88	12.23	1.07	0.94	36.78	20.43	20.52		

(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.