

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, Rbias=1.69K ohms, Id=56 mA @ Temperature = 25degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP3 Output	1dB Comp. Output (1)		Noise Figure
								Current Limit 70mA	Current Limit 80mA	
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)		(dB)
50	25.79	31.07	11.20	11.94	1.08	0.70	32.90	22.07	22.09	1.30
100	25.66	30.48	11.18	17.34	1.07	0.74	32.54	21.72	22.28	1.15
300	24.55	29.58	9.72	25.32	1.06	0.81	32.71	21.68	22.31	0.62
500	23.00	28.53	8.40	27.70	1.06	0.88	32.74	21.67	22.53	0.59
600	22.20	28.00	7.95	28.36	1.06	0.91	33.18	21.60	22.60	0.67
800	20.66	26.94	7.31	28.91	1.07	0.96	33.70	21.65	22.70	0.69
1000	19.27	25.94	6.93	28.76	1.09	0.99	33.72	21.67	22.74	0.75
1200	18.02	24.95	6.61	28.02	1.10	1.01	34.71	21.71	22.82	0.86
1400	16.92	24.00	6.44	27.54	1.10	1.02	34.52	21.70	22.81	0.86
1600	15.91	23.22	6.26	26.60	1.11	1.04	34.69	21.61	22.72	0.94
1700	15.44	22.77	6.18	26.74	1.11	1.04	34.68	21.73	22.84	0.95
1900	14.62	22.01	6.18	26.51	1.11	1.04	35.20	21.64	22.74	0.88
2100	13.85	21.27	6.09	26.07	1.11	1.05	35.38	21.57	22.70	0.92
2300	13.17	20.58	6.10	26.44	1.11	1.05	35.25	21.58	22.71	1.03
2500	12.47	20.07	6.37	28.04	1.14	1.04	35.51	21.56	22.68	1.09
2700	11.75	19.49	6.00	25.12	1.13	1.07	35.48	21.57	22.69	1.30
2900	11.37	18.80	6.21	26.76	1.12	1.04	35.79	21.45	22.57	1.28
3000	11.11	18.54	6.32	27.32	1.13	1.04	35.64	21.48	22.61	1.17
3200	10.63	18.01	6.39	27.59	1.13	1.03	35.94	21.58	22.69	1.20
3400	10.19	17.52	6.62	28.95	1.13	1.02	35.91	21.66	22.77	1.17
3600	9.78	17.01	6.82	28.89	1.13	1.01	36.02	21.69	22.81	1.24
3800	9.39	16.55	6.94	28.83	1.13	1.00	35.99	21.66	22.78	1.32
4000	9.03	16.14	7.21	28.16	1.14	0.99	35.85	21.69	22.82	1.29
4100	8.81	15.95	7.25	27.11	1.15	0.99	36.21	21.75	22.89	1.61
4300	8.37	15.60	7.39	25.73	1.16	0.98	35.45	21.68	22.85	1.47
4500	8.04	15.17	7.60	24.85	1.16	0.97	35.40	21.99	23.09	1.36
4700	7.57	14.91	7.88	23.39	1.20	0.96	35.87	21.96	23.14	1.74
4900	7.35	14.52	7.34	23.33	1.16	0.97	36.49	22.05	23.17	1.72
5100	7.14	14.12	7.16	22.69	1.14	0.97	36.44	22.25	23.36	1.72
5300	6.86	13.81	6.97	21.88	1.13	0.97	36.53	22.02	23.20	1.82
5400	6.72	13.66	6.89	21.25	1.13	0.97	36.31	22.02	23.17	1.80
5600	6.43	13.38	6.74	20.05	1.13	0.97	36.58	21.97	23.07	1.97
5800	6.14	13.14	6.56	18.99	1.12	0.97	36.60	21.86	23.03	1.96
6000	5.86	12.88	6.30	18.17	1.12	0.98	36.52	21.95	23.06	2.13
6200	5.57	12.68	6.03	17.23	1.11	0.98	36.44	21.97	23.12	1.98
6400	5.29	12.49	5.82	16.62	1.11	0.99	36.55	21.97	23.12	2.20
6600	4.98	12.33	5.63	15.74	1.11	0.99	36.59	22.17	23.37	2.34
6800	4.63	12.23	5.46	15.11	1.12	1.00	36.58	22.21	23.44	2.67
7000	4.14	12.24	5.82	14.29	1.19	0.99	36.54	22.26	23.09	2.81

(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 = 5V, Rbias=1.69K ohms, Id=59 mA @ Temperature = -45degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP3 Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dB)
50	26.05	30.43	12.87	11.92	1.01	0.65	31.75	0.96
100	25.73	30.19	13.25	17.08	1.06	0.70	32.40	0.99
300	24.62	29.52	11.07	23.30	1.08	0.76	33.13	0.61
500	23.15	28.70	9.21	24.48	1.09	0.84	33.46	0.46
600	22.39	28.15	8.60	24.54	1.10	0.86	33.85	0.50
800	20.90	27.04	7.79	24.67	1.10	0.91	34.21	0.51
1000	19.54	25.99	7.27	24.17	1.11	0.94	34.14	0.44
1200	18.31	24.99	6.90	23.81	1.11	0.96	35.10	0.67
1400	17.23	24.00	6.65	23.40	1.11	0.98	34.95	0.65
1600	16.23	23.15	6.45	23.01	1.11	0.99	34.99	0.74
1700	15.78	22.68	6.35	23.24	1.10	1.00	35.05	0.77
1900	14.96	21.88	6.28	22.76	1.10	1.00	35.64	0.64
2100	14.20	21.15	6.18	23.08	1.10	1.00	35.64	0.69
2300	13.53	20.45	6.19	22.87	1.09	1.00	35.79	0.62
2500	12.82	19.90	6.46	24.15	1.12	1.00	35.72	0.77
2700	12.00	19.44	6.06	22.91	1.12	1.04	35.89	1.14
2900	11.75	18.57	6.25	24.12	1.09	1.00	35.92	0.92
3000	11.50	18.31	6.34	24.11	1.09	0.99	35.72	0.81
3200	11.02	17.77	6.49	25.35	1.09	0.99	36.09	0.86
3400	10.59	17.24	6.66	25.62	1.10	0.98	36.09	0.81
3600	10.18	16.77	6.89	27.11	1.10	0.97	36.22	0.90
3800	9.80	16.31	6.97	26.83	1.10	0.96	36.28	1.05
4000	9.45	15.83	7.30	27.96	1.10	0.94	36.19	0.88
4100	9.22	15.65	7.30	26.97	1.10	0.94	36.27	0.93
4300	8.80	15.32	7.39	24.77	1.11	0.94	35.86	1.04
4500	8.46	14.90	7.58	24.50	1.12	0.93	35.52	0.86
4700	8.02	14.62	7.79	22.10	1.14	0.92	36.09	1.19
4900	7.66	14.31	7.42	21.68	1.14	0.93	36.27	1.39
5100	7.53	13.88	7.13	20.95	1.10	0.92	36.30	1.25
5300	7.25	13.56	6.88	20.61	1.09	0.93	36.62	1.09
5400	7.09	13.42	6.75	19.33	1.09	0.92	36.51	1.27
5600	6.82	13.15	6.69	19.01	1.09	0.92	36.53	0.88
5800	6.52	12.89	6.46	17.66	1.09	0.92	36.34	1.46
6000	6.26	12.67	6.30	17.48	1.08	0.93	36.52	1.51
6200	5.96	12.44	5.95	16.26	1.07	0.94	36.19	1.64
6400	5.69	12.24	5.76	15.97	1.07	0.94	36.57	1.86
6600	5.38	12.09	5.48	14.79	1.07	0.95	36.78	1.62
6800	5.08	11.93	5.29	14.57	1.07	0.96	36.64	1.92
7000	4.64	11.92	5.40	13.46	1.11	0.95	36.36	1.82

*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, Rbias=1.69K ohms, Id=52 mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP3 Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dB)
50	25.42	31.13	10.09	11.09	1.10	0.70	32.04	1.59
100	25.45	30.40	9.63	15.38	1.06	0.74	31.57	1.38
300	24.35	29.39	8.66	20.17	1.03	0.83	31.95	0.75
500	22.77	28.28	7.72	22.18	1.02	0.91	32.05	0.74
600	21.96	27.68	7.41	23.29	1.02	0.94	32.76	0.83
800	20.39	26.71	6.92	24.88	1.04	0.99	33.26	0.82
1000	18.99	25.75	6.64	26.60	1.06	1.02	33.24	0.94
1200	17.74	24.83	6.39	27.73	1.08	1.04	34.38	1.01
1400	16.63	23.95	6.26	28.43	1.09	1.06	34.11	1.10
1600	15.62	23.18	6.11	28.47	1.11	1.07	34.42	1.25
1700	15.15	22.80	6.03	28.61	1.11	1.08	34.35	1.11
1900	14.32	22.02	6.03	28.42	1.11	1.08	34.95	1.10
2100	13.55	21.34	5.95	28.26	1.12	1.08	35.04	1.16
2300	12.86	20.67	5.98	28.50	1.12	1.08	35.16	1.31
2500	12.16	20.20	6.20	30.13	1.16	1.08	35.14	1.32
2700	11.44	19.64	5.94	26.12	1.15	1.10	35.26	1.62
2900	11.05	18.98	6.13	27.98	1.14	1.08	35.56	1.48
3000	10.79	18.73	6.23	28.48	1.15	1.07	35.47	1.43
3200	10.30	18.20	6.30	28.58	1.15	1.07	35.73	1.52
3400	9.85	17.71	6.55	29.69	1.16	1.06	35.57	1.50
3600	9.43	17.24	6.73	28.66	1.17	1.05	35.80	1.65
3800	9.05	16.78	6.88	27.88	1.17	1.04	35.67	1.69
4000	8.68	16.36	7.11	26.88	1.18	1.03	35.63	1.80
4100	8.45	16.19	7.15	25.98	1.18	1.02	35.61	1.92
4300	8.02	15.85	7.29	24.98	1.20	1.02	35.33	1.99
4500	7.68	15.44	7.48	24.66	1.21	1.01	35.17	1.95
4700	7.25	15.15	7.73	23.79	1.24	1.00	35.39	2.29
4900	6.99	14.75	7.33	23.92	1.21	1.00	36.13	2.21
5100	6.79	14.38	7.08	23.32	1.18	1.01	36.42	1.97
5300	6.52	14.04	6.89	22.42	1.17	1.01	36.42	2.23
5400	6.38	13.90	6.86	22.12	1.17	1.01	36.30	2.28
5600	6.10	13.60	6.72	20.79	1.16	1.00	36.43	2.18
5800	5.80	13.35	6.48	19.71	1.15	1.01	36.35	2.52
6000	5.52	13.10	6.28	18.62	1.15	1.01	36.66	2.65
6200	5.24	12.90	6.03	17.90	1.14	1.02	36.50	2.60
6400	4.96	12.70	5.83	17.34	1.14	1.03	36.36	2.82
6600	4.65	12.54	5.63	16.45	1.14	1.03	36.38	3.05
6800	4.31	12.44	5.48	15.88	1.15	1.04	36.58	3.34
7000	3.84	12.42	5.73	14.86	1.22	1.03	36.44	3.33

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

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP3 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	24.99	31.31	10.54	10.82	1.13	0.74	29.18	22.07	22.09	50	1.39
100	25.01	30.06	10.34	15.27	1.07	0.74	29.39	21.72	22.28	100	0.85
300	24.06	28.92	9.03	20.58	1.03	0.80	29.61	21.68	22.31	400	0.65
500	22.63	27.99	7.91	23.24	1.02	0.89	30.08	21.67	22.53	600	0.71
600	21.87	27.54	7.48	24.59	1.02	0.93	30.41	21.60	22.60	800	0.74
800	20.39	26.55	6.88	27.28	1.03	0.98	30.98	21.65	22.70	1100	0.81
1000	19.02	25.69	6.49	30.05	1.05	1.02	31.03	21.67	22.74	1300	0.85
1200	17.80	24.73	6.22	32.01	1.06	1.04	31.98	21.71	22.82	1600	0.93
1400	16.70	23.92	6.04	33.06	1.08	1.06	31.83	21.70	22.81	1800	1.06
1600	15.72	23.10	5.93	32.60	1.08	1.07	32.18	21.61	22.72	2000	0.90
1700	15.27	22.74	5.87	32.62	1.09	1.08	32.74	21.73	22.84	2300	1.05
1900	14.44	22.03	5.83	31.13	1.10	1.08	32.34	21.64	22.74	2500	1.05
2100	13.69	21.28	5.83	31.13	1.10	1.08	32.06	21.57	22.70	2700	1.53
2300	13.03	20.65	5.85	31.37	1.10	1.08	32.47	21.58	22.71	3000	1.15
2500	12.41	19.96	5.96	31.75	1.10	1.07	32.85	21.56	22.68	3200	1.22
2700	11.54	19.68	5.80	26.83	1.13	1.11	32.90	21.57	22.69	3400	1.20
2900	11.30	18.84	6.00	29.47	1.11	1.07	32.94	21.45	22.57	3700	1.26
3000	11.07	18.55	6.08	29.57	1.11	1.06	33.10	21.48	22.61	3900	1.26
3200	10.63	17.99	6.21	29.54	1.10	1.05	32.94	21.58	22.69	4100	1.37
3400	10.21	17.46	6.35	29.31	1.10	1.04	33.48	21.66	22.77	4400	1.64
3600	9.81	16.96	6.49	28.76	1.10	1.03	33.55	21.69	22.81	4600	1.67
3800	9.42	16.51	6.63	27.87	1.10	1.02	33.38	21.66	22.78	4900	1.92
4000	9.04	16.09	6.71	26.55	1.11	1.01	32.64	21.69	22.82	5100	1.93
4100	8.85	15.89	6.74	25.68	1.11	1.01	32.99	21.75	22.89	5300	1.93
4300	8.44	15.56	6.69	23.86	1.11	1.01	32.27	21.68	22.85	5600	1.73
4500	8.11	15.17	6.65	22.82	1.11	1.00	33.15	21.99	23.09	5800	2.05
4700	7.76	14.84	6.74	21.80	1.12	0.99	32.76	21.96	23.14	6000	2.23
4900	7.22	14.67	7.02	20.78	1.17	0.99	33.32	22.05	23.17	6400	2.38
5100	7.12	14.14	6.24	20.44	1.10	1.00	33.50	22.25	23.36	6600	2.60
5300	6.85	13.84	6.03	19.61	1.09	1.01	33.67	22.02	23.20	6800	2.37
5400	6.71	13.68	5.93	19.15	1.08	1.01	33.03	22.02	23.17	7000	3.20
5600	6.42	13.44	5.76	18.32	1.08	1.01	33.46	21.97	23.07		
5800	6.12	13.16	5.58	17.54	1.07	1.01	33.94	21.86	23.03		
6000	5.82	12.95	5.47	16.88	1.07	1.02	33.76	21.95	23.06		
6200	5.55	12.72	5.24	16.31	1.06	1.02	33.25	21.97	23.12		
6400	5.28	12.50	5.06	15.75	1.06	1.03	33.34	21.97	23.12		
6600	5.00	12.31	4.91	15.26	1.05	1.03	33.82	22.17	23.37		
6800	4.71	12.14	4.78	14.79	1.06	1.04	33.16	22.21	23.44		
7000	4.36	12.05	4.75	14.20	1.08	1.04	33.00	22.26	23.09		

(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.



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IF/RF MICROWAVE COMPONENTS

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

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP3 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	25.84	30.54	11.10	11.86	1.04	0.66	33.16	22.07	22.09	50	1.48
100	25.74	30.57	11.40	17.34	1.07	0.73	32.90	21.72	22.28	100	0.89
300	24.66	29.56	9.71	25.72	1.05	0.80	32.83	21.68	22.31	400	0.66
500	23.13	28.70	8.30	29.70	1.06	0.88	33.22	21.67	22.53	600	0.69
600	22.33	28.10	7.80	31.05	1.06	0.91	33.60	21.60	22.60	800	0.72
800	20.79	27.07	7.12	32.45	1.07	0.96	34.10	21.65	22.70	1100	0.83
1000	19.39	26.02	6.70	31.66	1.08	0.99	33.86	21.67	22.74	1300	0.86
1200	18.14	25.03	6.42	30.32	1.09	1.02	34.83	21.71	22.82	1600	0.93
1400	17.03	24.11	6.23	29.09	1.09	1.03	34.75	21.70	22.81	1800	0.99
1600	16.04	23.29	6.11	28.10	1.10	1.04	35.09	21.61	22.72	2000	0.90
1700	15.58	22.84	6.05	27.75	1.10	1.04	35.14	21.73	22.84	2300	0.99
1900	14.74	22.06	6.01	27.20	1.10	1.05	35.44	21.64	22.74	2500	1.08
2100	13.99	21.30	6.01	27.13	1.10	1.05	35.14	21.57	22.70	2700	1.47
2300	13.32	20.59	6.05	27.45	1.10	1.04	35.38	21.58	22.71	3000	1.15
2500	12.70	19.93	6.16	28.05	1.10	1.04	35.59	21.56	22.68	3200	1.25
2700	11.82	19.64	5.99	26.09	1.13	1.07	35.85	21.57	22.69	3400	1.22
2900	11.58	18.73	6.19	27.06	1.10	1.03	35.86	21.45	22.57	3700	1.29
3000	11.34	18.43	6.27	27.44	1.10	1.02	35.85	21.48	22.61	3900	1.36
3200	10.90	17.86	6.41	27.88	1.10	1.01	35.93	21.58	22.69	4100	1.44
3400	10.47	17.33	6.56	28.12	1.10	1.00	36.02	21.66	22.77	4400	1.60
3600	10.07	16.83	6.70	27.99	1.09	0.99	36.15	21.69	22.81	4600	1.67
3800	9.67	16.36	6.84	27.64	1.10	0.98	36.15	21.66	22.78	4900	1.84
4000	9.29	15.94	6.91	26.47	1.10	0.98	35.83	21.69	22.82	5100	1.81
4100	9.09	15.77	6.94	25.66	1.10	0.98	35.81	21.75	22.89	5300	1.84
4300	8.69	15.40	6.90	23.82	1.10	0.97	35.68	21.68	22.85	5600	2.15
4500	8.36	15.02	6.85	22.56	1.10	0.97	35.99	21.99	23.09	5800	2.10
4700	8.00	14.70	6.93	21.36	1.11	0.96	35.70	21.96	23.14	6000	2.17
4900	7.46	14.53	7.20	20.16	1.16	0.96	36.15	22.05	23.17	6400	2.35
5100	7.36	14.01	6.42	19.91	1.09	0.97	36.42	22.25	23.36	6600	2.48
5300	7.08	13.70	6.18	19.07	1.08	0.97	36.35	22.02	23.20	6800	2.67
5400	6.94	13.55	6.10	18.64	1.07	0.97	36.18	22.02	23.17	7000	2.83
5600	6.65	13.29	5.92	17.82	1.07	0.97	36.35	21.97	23.07		
5800	6.35	13.03	5.73	17.14	1.06	0.98	36.09	21.86	23.03		
6000	6.05	12.82	5.61	16.45	1.06	0.98	36.42	21.95	23.06		
6200	5.78	12.59	5.38	15.88	1.06	0.98	36.15	21.97	23.12		
6400	5.51	12.38	5.20	15.35	1.05	0.99	35.90	21.97	23.12		
6600	5.22	12.18	5.05	14.85	1.05	0.99	36.20	22.17	23.37		
6800	4.94	12.02	4.92	14.38	1.05	1.00	35.58	22.21	23.44		
7000	4.58	11.94	4.88	13.78	1.07	1.00	35.69	22.26	23.09		

(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.



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IF/RF MICROWAVE COMPONENTS

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

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP3 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	26.19	31.66	11.46	12.40	1.09	0.73	35.86	22.07	22.09	50	1.57
100	26.03	30.80	11.88	17.93	1.07	0.73	34.47	21.72	22.28	100	0.93
300	24.90	29.91	9.97	27.33	1.07	0.80	33.88	21.68	22.31	400	0.68
500	23.33	28.95	8.45	31.19	1.07	0.88	34.10	21.67	22.53	600	0.72
600	22.52	28.43	7.91	31.85	1.08	0.91	34.56	21.60	22.60	800	0.75
800	20.95	27.22	7.22	31.35	1.08	0.95	35.04	21.65	22.70	1100	0.82
1000	19.54	26.15	6.79	29.89	1.09	0.98	34.87	21.67	22.74	1300	0.89
1200	18.28	25.15	6.51	28.47	1.09	1.00	35.60	21.71	22.82	1600	0.95
1400	17.16	24.20	6.32	27.56	1.10	1.02	35.78	21.70	22.81	1800	1.13
1600	16.16	23.29	6.20	26.73	1.10	1.03	35.84	21.61	22.72	2000	0.92
1700	15.70	22.87	6.13	26.46	1.10	1.03	35.89	21.73	22.84	2300	1.01
1900	14.86	22.07	6.09	26.06	1.10	1.03	36.34	21.64	22.74	2500	1.11
2100	14.11	21.30	6.09	26.03	1.10	1.03	36.21	21.57	22.70	2700	1.57
2300	13.44	20.60	6.12	26.46	1.10	1.03	36.43	21.58	22.71	3000	1.17
2500	12.81	19.91	6.24	27.01	1.10	1.02	36.60	21.56	22.68	3200	1.30
2700	11.93	19.60	6.07	25.77	1.13	1.06	37.05	21.57	22.69	3400	1.41
2900	11.69	18.73	6.27	26.31	1.10	1.02	36.85	21.45	22.57	3700	1.36
3000	11.46	18.42	6.36	26.76	1.10	1.01	36.87	21.48	22.61	3900	1.41
3200	11.01	17.84	6.50	27.29	1.09	1.00	37.14	21.58	22.69	4100	1.51
3400	10.58	17.29	6.65	27.65	1.09	0.99	37.02	21.66	22.77	4400	1.77
3600	10.17	16.81	6.79	27.76	1.09	0.98	36.95	21.69	22.81	4600	1.69
3800	9.78	16.33	6.93	27.47	1.09	0.97	37.14	21.66	22.78	4900	2.19
4000	9.39	15.91	7.00	26.34	1.09	0.96	36.97	21.69	22.82	5100	1.86
4100	9.19	15.72	7.03	25.57	1.10	0.96	37.07	21.75	22.89	5300	2.07
4300	8.79	15.38	6.99	23.82	1.10	0.96	36.97	21.68	22.85	5600	2.03
4500	8.46	14.99	6.95	22.46	1.10	0.95	36.99	21.99	23.09	5800	2.07
4700	8.10	14.67	7.02	21.28	1.11	0.95	36.84	21.96	23.14	6000	2.28
4900	7.56	14.47	7.28	20.04	1.15	0.94	37.17	22.05	23.17	6400	2.57
5100	7.45	13.98	6.49	19.79	1.09	0.95	37.64	22.25	23.36	6600	2.73
5300	7.18	13.65	6.26	18.97	1.07	0.95	37.46	22.02	23.20	6800	2.69
5400	7.03	13.53	6.18	18.52	1.07	0.96	37.63	22.02	23.17	7000	2.96
5600	6.74	13.24	5.99	17.73	1.07	0.96	37.45	21.97	23.07		
5800	6.45	13.00	5.80	17.02	1.06	0.96	36.97	21.86	23.03		
6000	6.14	12.78	5.68	16.37	1.06	0.96	37.36	21.95	23.06		
6200	5.87	12.55	5.46	15.80	1.05	0.97	37.47	21.97	23.12		
6400	5.60	12.32	5.26	15.27	1.05	0.97	36.98	21.97	23.12		
6600	5.32	12.14	5.11	14.77	1.05	0.98	37.10	22.17	23.37		
6800	5.03	11.98	4.97	14.29	1.05	0.98	36.74	22.21	23.44		
7000	4.67	11.90	4.94	13.70	1.07	0.98	39.23	22.26	23.09		

(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.