

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: $V_{DD} = +5.75\text{ V}$, $I_{DD} = 54\text{ mA}$ @ Temperature = +25°C

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		Noise Figure	FREQ	IP-3 Output		1dB Comp. Output
					K	Measure			POUT = 0 dBm/Tone	POUT = +5 dBm/Tone	
(GHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dB)	(GHz)	(dBm)	(dBm)	(dBm)
0.05	21.4	24.4	17.1	23.5	1.05	0.52	1.57	0.01	26.1	27.0	18.6
0.1	21.5	24.1	18.5	26.4	1.04	0.47	1.31	0.05	28.7	29.8	20.9
0.3	21.6	24.1	19.1	28.5	1.04	0.46	1.06	0.10	29.5	30.0	22.0
0.5	21.6	24.1	18.6	27.0	1.04	0.46	1.08	0.40	29.6	30.0	22.6
0.7	21.6	24.2	17.7	25.3	1.04	0.47	1.01	0.50	29.7	29.8	22.4
1.0	21.5	24.2	16.8	22.9	1.04	0.49	1.05	1.00	30.3	30.7	22.5
1.2	21.5	24.3	16.0	21.4	1.05	0.50	1.08	1.50	29.0	29.2	22.8
1.4	21.5	24.4	15.2	20.7	1.05	0.51	1.03	2.00	28.4	28.7	22.8
1.6	21.5	24.5	14.7	19.5	1.05	0.52	1.06	2.50	28.7	28.8	22.5
1.8	21.5	24.5	14.0	18.5	1.06	0.53	1.08	3.00	28.8	28.7	22.3
2.0	21.4	24.6	13.4	17.9	1.06	0.54	1.12	3.50	27.7	27.5	21.8
2.2	21.4	24.7	12.8	17.2	1.06	0.55	1.09	4.00	27.3	27.3	21.5
2.4	21.4	24.8	12.4	16.6	1.07	0.56	1.12	4.50	27.6	27.3	21.7
2.6	21.4	24.9	12.0	16.1	1.07	0.57	1.14	5.00	27.8	27.5	21.4
2.8	21.4	25.0	11.7	15.7	1.07	0.58	1.11	5.50	27.0	26.7	20.8
3.0	21.4	25.1	11.5	15.4	1.07	0.59	1.15	6.00	26.3	25.9	20.6
3.2	21.4	25.1	11.4	15.2	1.08	0.60	1.14	6.50	27.6	27.3	20.6
3.4	21.4	25.2	11.5	15.1	1.08	0.60	1.18	7.00	27.9	27.6	20.2
3.6	21.4	25.3	11.5	15.3	1.08	0.61	1.19	7.50	27.3	27.2	19.7
3.8	21.5	25.3	11.8	15.5	1.09	0.62	1.21	8.00	27.0	26.7	20.3
4.0	21.5	25.4	12.1	15.7	1.09	0.62	1.21	8.50	26.5	26.1	19.8
4.2	21.5	25.5	12.4	16.2	1.10	0.63	1.16	9.00	26.9	26.5	19.6
4.4	21.6	25.5	12.8	16.4	1.10	0.63	1.16	9.50	26.2	26.0	18.8
4.6	21.6	25.6	13.1	16.8	1.10	0.64	1.19	10.00	26.2	25.9	18.9
4.8	21.7	25.6	13.3	16.9	1.10	0.64	1.18				
5.0	21.8	25.7	13.4	17.1	1.10	0.65	1.17				
5.2	21.9	25.8	13.3	17.3	1.11	0.66	1.18				
5.4	21.9	25.9	13.0	17.5	1.11	0.67	1.21				
5.6	22.0	26.0	12.6	17.9	1.11	0.68	1.22				
5.8	22.0	26.1	12.0	18.2	1.12	0.70	1.23				
6.0	22.0	26.3	11.3	18.7	1.12	0.72	1.27				
6.2	22.0	26.4	10.5	19.0	1.13	0.74	1.23				
6.4	22.0	26.6	9.8	18.5	1.14	0.77	1.25				
6.6	21.9	26.8	9.1	17.4	1.14	0.79	1.28				
6.8	21.9	27.0	8.4	16.0	1.15	0.81	1.28				
7.0	21.8	27.3	7.9	14.7	1.16	0.83	1.29				
7.2	21.8	27.5	7.5	13.5	1.18	0.84	1.32				
7.4	21.8	27.8	7.2	12.5	1.19	0.85	1.34				
7.6	21.8	28.0	7.0	11.7	1.21	0.84	1.31				
7.8	21.9	28.2	6.9	11.2	1.22	0.84	1.29				
8.0	22.0	28.4	7.0	10.8	1.24	0.83	1.30				
8.2	22.1	28.6	7.3	10.6	1.25	0.82	1.26				
8.4	22.3	28.7	7.7	10.4	1.27	0.81	1.26				
8.6	22.5	28.9	8.3	10.4	1.30	0.80	1.27				
8.8	22.6	29.1	9.1	10.4	1.33	0.79	1.24				
9.0	22.8	29.3	10.3	10.5	1.36	0.78	1.28				
9.2	22.9	29.6	11.9	10.4	1.41	0.77	1.34				
9.4	22.8	30.0	13.7	10.1	1.46	0.77	1.46				
9.6	22.7	30.4	15.1	9.6	1.53	0.77	1.54				
9.8	22.5	31.0	14.9	8.9	1.61	0.77	1.66				
10.0	22.1	31.8	13.4	8.1	1.72	0.78	1.79				

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: V_{DD} = +6 V, I_{DD} = 61 mA @ Temperature = +25°C

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		Noise Figure	IP-3 Output		1dB Comp. Output	
					K	Measure		POUT = 0 dBm/Tone	POUT = +5 dBm/Tone		
(GHz)	(dB)	(dB)	(dB)	(dB)			(dB)	(dBm)	(dBm)	(dBm)	
0.1	22.0	24.8	20.2	20.7	1.04	0.50	1.51	0.01	27.7	28.1	19.2
0.1	22.2	24.5	22.5	22.9	1.03	0.44	1.20	0.05	30.4	31.4	21.4
0.3	22.2	24.5	22.1	26.0	1.03	0.42	1.01	0.10	31.6	31.8	22.4
0.5	22.2	24.5	22.6	24.3	1.03	0.42	0.95	0.40	31.5	31.7	22.9
0.7	22.3	24.5	20.9	23.8	1.03	0.43	0.89	0.50	31.7	31.7	22.7
1.0	22.2	24.5	18.9	23.1	1.03	0.44	0.95	1.00	32.1	32.4	22.9
1.2	22.2	24.6	17.7	22.5	1.03	0.45	0.96	1.50	31.1	30.8	23.0
1.4	22.2	24.7	16.6	21.5	1.04	0.46	0.90	2.00	30.2	30.3	22.9
1.6	22.2	24.7	15.8	20.3	1.04	0.47	0.92	2.50	30.0	30.5	22.8
1.8	22.2	24.8	14.8	19.4	1.04	0.48	0.96	3.00	30.4	30.3	22.5
2.0	22.2	24.9	14.2	18.3	1.04	0.49	0.96	3.50	29.4	29.4	21.6
2.2	22.2	25.0	13.5	17.4	1.04	0.50	0.93	4.00	29.1	29.1	21.8
2.4	22.2	25.0	13.1	16.8	1.05	0.51	0.98	4.50	29.3	29.2	22.2
2.6	22.1	25.2	12.5	16.4	1.05	0.53	1.01	5.00	29.3	29.3	21.8
2.8	22.1	25.2	12.4	15.9	1.05	0.53	0.99	5.50	28.7	28.5	21.1
3.0	22.1	25.3	12.2	15.6	1.05	0.54	0.99	6.00	28.0	27.8	20.9
3.2	22.1	25.4	12.1	15.4	1.05	0.55	1.02	6.50	28.7	28.6	21.0
3.4	22.2	25.4	12.1	15.4	1.06	0.55	1.02	7.00	28.5	28.6	20.6
3.6	22.2	25.5	12.3	15.3	1.06	0.56	0.98	7.50	28.0	28.1	20.1
3.8	22.2	25.5	12.7	15.2	1.06	0.56	0.96	8.00	27.8	27.8	20.9
4.0	22.2	25.6	13.2	15.3	1.06	0.57	1.00	8.50	26.9	27.1	20.5
4.2	22.3	25.6	13.6	15.4	1.07	0.57	1.02	9.00	27.1	27.1	20.4
4.4	22.3	25.7	14.1	15.4	1.07	0.58	0.98	9.50	26.4	26.4	19.5
4.6	22.4	25.8	14.5	15.6	1.07	0.58	0.94	10.00	26.2	26.2	19.7
4.8	22.4	25.8	14.9	15.6	1.07	0.59	1.01				
5.0	22.5	25.9	15.0	15.7	1.08	0.60	1.01				
5.2	22.6	26.0	14.9	15.8	1.08	0.60	1.08				
5.4	22.6	26.1	14.5	16.1	1.08	0.61	1.00				
5.6	22.7	26.2	13.8	16.5	1.08	0.63	1.05				
5.8	22.7	26.2	13.1	17.0	1.09	0.64	1.07				
6.0	22.7	26.4	12.1	17.5	1.09	0.67	1.10				
6.2	22.7	26.6	11.3	18.0	1.10	0.69	1.05				
6.4	22.6	26.7	10.3	18.2	1.11	0.72	1.07				
6.6	22.6	26.9	9.5	17.6	1.11	0.75	1.11				
6.8	22.6	27.2	8.8	16.5	1.12	0.77	1.14				
7.0	22.5	27.4	8.2	15.1	1.14	0.79	1.16				
7.2	22.4	27.7	7.7	13.7	1.15	0.81	1.13				
7.4	22.4	28.0	7.4	12.6	1.17	0.81	1.17				
7.6	22.4	28.2	7.2	11.7	1.18	0.81	1.14				
7.8	22.5	28.4	7.1	11.0	1.20	0.81	1.12				
8.0	22.6	28.6	7.2	10.6	1.21	0.80	1.09				
8.2	22.7	28.8	7.5	10.3	1.23	0.79	1.06				
8.4	22.8	29.0	7.9	10.3	1.26	0.78	1.08				
8.6	23.0	29.3	8.7	10.2	1.29	0.77	1.12				
8.8	23.1	29.4	9.7	10.3	1.32	0.77	1.07				
9.0	23.2	29.7	11.2	10.4	1.36	0.76	1.16				
9.2	23.3	30.0	13.4	10.3	1.40	0.76	1.24				
9.4	23.3	30.4	15.8	10.0	1.46	0.76	1.32				
9.6	23.2	30.8	16.7	9.5	1.51	0.76	1.41				
9.8	23.0	31.4	15.6	8.9	1.60	0.77	1.54				
10.0	22.7	32.1	13.8	8.1	1.69	0.78	1.62				

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: $V_{DD} = +6.25\text{ V}$, $I_{DD} = 69\text{ mA}$ @ Temperature = $+25^\circ\text{C}$

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		Noise Figure	FREQ	IP-3 Output		1dB Comp. Output
					K	Measure			POUT = 0 dBm/Tone	POUT = +5 dBm/Tone	
(GHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dB)	(GHz)	(dBm)	(dBm)	(dBm)
0.05	22.2	25.2	23.4	18.5	1.04	0.50	1.60	0.01	28.8	29.6	19.5
0.1	22.4	24.9	26.8	20.1	1.03	0.45	1.31	0.05	32.1	32.3	21.6
0.3	22.4	24.8	27.5	21.1	1.03	0.44	1.05	0.10	32.0	32.8	22.6
0.5	22.4	24.9	25.7	21.4	1.04	0.44	1.05	0.40	32.0	32.8	23.1
0.7	22.4	24.9	23.4	21.0	1.04	0.45	0.99	0.50	32.5	32.6	23.0
1.0	22.4	25.0	21.5	20.6	1.04	0.47	1.04	1.00	32.7	33.4	23.1
1.2	22.4	25.0	20.3	20.2	1.04	0.48	1.05	1.50	31.6	31.8	23.0
1.4	22.4	25.1	19.1	20.3	1.05	0.49	1.01	2.00	31.3	31.3	22.8
1.6	22.4	25.2	18.3	19.6	1.05	0.50	1.03	2.50	31.6	31.6	22.8
1.8	22.4	25.2	17.4	19.2	1.05	0.51	1.10	3.00	31.1	31.3	22.5
2.0	22.3	25.3	16.5	18.9	1.06	0.52	1.09	3.50	30.5	30.4	21.6
2.2	22.3	25.4	15.7	18.5	1.06	0.53	1.04	4.00	30.0	30.1	21.9
2.4	22.3	25.4	15.2	18.1	1.06	0.54	1.14	4.50	30.2	30.2	22.3
2.6	22.3	25.5	14.6	17.6	1.06	0.55	1.09	5.00	30.0	29.9	22.0
2.8	22.3	25.6	14.2	17.3	1.06	0.56	1.11	5.50	29.4	29.2	21.3
3.0	22.3	25.7	13.9	16.9	1.07	0.57	1.12	6.00	28.8	28.6	21.0
3.2	22.3	25.7	13.7	16.6	1.07	0.57	1.12	6.50	29.4	29.2	21.2
3.4	22.3	25.8	13.8	16.3	1.07	0.58	1.20	7.00	29.0	29.0	20.8
3.6	22.3	25.9	13.9	16.3	1.08	0.59	1.14	7.50	28.5	28.4	20.4
3.8	22.3	25.9	14.2	16.1	1.08	0.59	1.18	8.00	28.3	28.3	21.0
4.0	22.3	26.0	14.6	16.0	1.08	0.60	1.14	8.50	27.4	27.5	20.7
4.2	22.4	26.1	15.0	15.9	1.09	0.61	1.15	9.00	27.4	27.4	20.6
4.4	22.4	26.1	15.5	15.7	1.09	0.61	1.14	9.50	26.6	26.7	19.8
4.6	22.4	26.2	15.9	15.5	1.09	0.61	1.13	10.00	26.4	26.5	20.3
4.8	22.5	26.3	16.1	15.1	1.09	0.61	1.15				
5.0	22.5	26.3	16.2	15.1	1.10	0.62	1.17				
5.2	22.6	26.4	16.0	15.0	1.10	0.62	1.20				
5.4	22.6	26.5	15.6	15.0	1.10	0.63	1.19				
5.6	22.7	26.6	14.9	15.3	1.11	0.64	1.20				
5.8	22.7	26.7	14.2	15.7	1.11	0.66	1.21				
6.0	22.7	26.8	13.2	16.4	1.12	0.68	1.24				
6.2	22.7	27.0	12.3	17.1	1.13	0.71	1.20				
6.4	22.7	27.1	11.3	17.7	1.14	0.74	1.23				
6.6	22.6	27.3	10.5	17.6	1.15	0.76	1.27				
6.8	22.6	27.6	9.7	16.9	1.17	0.79	1.27				
7.0	22.5	27.8	9.1	15.8	1.18	0.81	1.31				
7.2	22.5	28.0	8.5	14.6	1.20	0.82	1.32				
7.4	22.4	28.3	8.2	13.6	1.21	0.83	1.29				
7.6	22.4	28.6	8.0	12.7	1.24	0.83	1.29				
7.8	22.5	28.8	8.0	12.1	1.26	0.83	1.29				
8.0	22.5	29.0	8.1	11.5	1.28	0.83	1.29				
8.2	22.6	29.2	8.4	11.2	1.31	0.82	1.26				
8.4	22.8	29.4	8.9	11.0	1.33	0.81	1.26				
8.6	22.9	29.7	9.6	10.8	1.37	0.80	1.25				
8.8	23.0	29.9	10.6	10.7	1.40	0.79	1.25				
9.0	23.1	30.1	12.1	10.6	1.44	0.79	1.31				
9.2	23.2	30.5	14.2	10.3	1.49	0.78	1.39				
9.4	23.1	30.8	16.8	9.9	1.54	0.78	1.45				
9.6	23.0	31.3	18.4	9.4	1.62	0.78	1.59				
9.8	22.8	31.9	17.4	8.7	1.70	0.78	1.70				
10.0	22.4	32.6	14.9	8.0	1.81	0.79	1.81				

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: V_{DD} = +6 V, I_{DD} = 69 mA @ Temperature = -45°C

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		Noise Figure
					K	Measure	
(GHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dB)
0.05	22.7	25.7	27.6	15.4	1.04	0.49	0.97
0.1	23.0	25.3	32.3	16.6	1.03	0.41	0.79
0.3	23.1	25.2	28.5	18.1	1.02	0.38	0.66
0.5	23.1	25.2	29.5	17.5	1.02	0.38	0.61
0.7	23.1	25.2	27.4	17.7	1.02	0.38	0.55
1.0	23.2	25.2	24.8	17.7	1.02	0.39	0.57
1.2	23.2	25.3	23.1	18.4	1.02	0.40	0.61
1.4	23.2	25.3	21.4	18.7	1.03	0.41	0.54
1.6	23.2	25.4	20.5	18.8	1.03	0.41	0.62
1.8	23.2	25.4	18.8	18.9	1.03	0.43	0.59
2.0	23.2	25.4	18.1	18.4	1.03	0.43	0.57
2.2	23.2	25.5	17.1	17.8	1.03	0.44	0.51
2.4	23.2	25.6	16.6	17.6	1.03	0.45	0.65
2.6	23.2	25.6	15.9	17.3	1.03	0.46	0.57
2.8	23.2	25.7	15.9	16.9	1.03	0.46	0.53
3.0	23.2	25.7	15.7	16.8	1.03	0.47	0.48
3.2	23.3	25.8	15.5	16.5	1.03	0.48	0.51
3.4	23.3	25.8	15.6	16.4	1.03	0.48	0.54
3.6	23.3	25.9	15.8	16.1	1.03	0.49	0.52
3.8	23.3	25.9	16.1	15.6	1.03	0.49	0.57
4.0	23.3	26.0	16.6	15.2	1.03	0.49	0.50
4.2	23.3	26.0	17.1	14.7	1.03	0.50	0.50
4.4	23.4	26.1	17.9	14.2	1.03	0.50	0.49
4.6	23.4	26.2	18.8	14.0	1.04	0.50	0.48
4.8	23.5	26.2	19.6	13.6	1.03	0.49	0.51
5.0	23.6	26.2	20.1	13.4	1.03	0.49	0.49
5.2	23.7	26.3	20.3	13.4	1.03	0.49	0.45
5.4	23.7	26.3	19.9	13.5	1.03	0.49	0.48
5.6	23.8	26.3	18.9	13.8	1.03	0.50	0.45
5.8	23.9	26.4	17.6	14.3	1.03	0.50	0.47
6.0	24.0	26.5	15.8	14.7	1.03	0.52	0.45
6.2	24.1	26.5	14.4	15.3	1.03	0.54	0.39
6.4	24.1	26.7	12.9	15.6	1.03	0.56	0.38
6.6	24.1	26.8	11.7	15.7	1.03	0.58	0.43
6.8	24.1	26.9	10.8	16.1	1.03	0.61	0.43
7.0	24.1	27.1	10.1	16.3	1.04	0.63	0.40
7.2	24.2	27.3	9.5	16.1	1.05	0.66	0.39
7.4	24.2	27.4	9.0	15.5	1.05	0.67	0.37
7.6	24.3	27.7	8.5	14.6	1.06	0.69	0.31
7.8	24.3	27.9	8.1	13.6	1.07	0.69	0.32
8.0	24.4	28.1	7.9	12.6	1.08	0.69	0.31
8.2	24.5	28.3	7.8	11.8	1.09	0.69	0.26
8.4	24.6	28.6	7.8	11.2	1.09	0.69	0.23
8.6	24.7	28.9	8.1	10.9	1.11	0.69	0.26
8.8	24.9	29.1	8.6	10.7	1.12	0.70	0.23
9.0	25.0	29.3	9.5	10.8	1.14	0.69	0.26
9.2	25.2	29.5	11.1	11.0	1.16	0.69	0.36
9.4	25.4	29.8	13.4	11.0	1.18	0.69	0.39
9.6	25.5	30.1	17.3	10.6	1.20	0.69	0.52
9.8	25.5	30.5	28.1	9.9	1.23	0.69	0.67
10.0	25.4	31.0	22.4	8.8	1.26	0.69	0.77

FREQ	IP-3 Output		1dB Comp. Output
	POUT = 0 dBm/Tone	POUT = +5 dBm/Tone	
(GHz)	(dBm)	(dBm)	(dBm)
0.01	28.4	30.4	18.7
0.05	34.6	33.2	20.9
0.10	32.9	33.5	21.8
0.40	33.3	33.2	22.1
0.50	34.0	33.3	21.9
1.00	33.8	34.1	22.0
1.50	32.5	32.2	21.7
2.00	31.7	31.6	21.3
2.50	31.5	31.7	21.3
3.00	31.5	31.4	21.2
3.50	30.8	30.5	20.3
4.00	30.2	30.0	20.6
4.50	29.7	30.1	21.0
5.00	29.3	29.7	21.1
5.50	28.5	28.5	20.1
6.00	27.5	27.8	19.9
6.50	28.3	28.8	20.5
7.00	28.3	28.9	19.9
7.50	27.6	28.3	19.2
8.00	27.7	28.1	20.0
8.50	27.0	27.6	20.0
9.00	27.2	27.8	20.1
9.50	26.2	27.0	19.3
10.00	25.9	26.6	19.2

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: V_{DD} = +6 V, I_{DD} = 59 mA @ Temperature = +85°C

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		Noise Figure
					K	Measure	
(GHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dB)
0.05	21.5	24.2	17.3	24.0	1.04	0.49	2.05
0.1	21.7	24.0	18.8	27.7	1.03	0.44	1.63
0.3	21.7	24.0	18.4	30.7	1.03	0.43	1.31
0.5	21.7	24.0	18.8	27.0	1.03	0.44	1.22
0.7	21.7	24.0	17.7	24.5	1.03	0.44	1.21
1.0	21.7	24.1	16.3	23.2	1.03	0.45	1.18
1.2	21.7	24.2	15.4	21.3	1.04	0.46	1.25
1.4	21.7	24.3	14.6	20.0	1.04	0.48	1.24
1.6	21.7	24.3	14.0	18.7	1.04	0.48	1.22
1.8	21.6	24.4	13.0	17.6	1.04	0.50	1.25
2.0	21.6	24.5	12.5	16.7	1.04	0.50	1.32
2.2	21.6	24.6	11.9	15.8	1.05	0.52	1.26
2.4	21.6	24.7	11.5	15.3	1.05	0.52	1.35
2.6	21.5	24.8	11.0	14.7	1.05	0.54	1.32
2.8	21.5	24.9	10.9	14.3	1.05	0.54	1.36
3.0	21.5	24.9	10.7	14.0	1.06	0.55	1.38
3.2	21.5	25.0	10.5	13.9	1.06	0.56	1.38
3.4	21.6	25.1	10.6	13.9	1.06	0.57	1.39
3.6	21.5	25.1	10.8	13.9	1.07	0.58	1.35
3.8	21.6	25.2	11.1	14.0	1.07	0.58	1.38
4.0	21.6	25.3	11.5	14.3	1.07	0.59	1.43
4.2	21.7	25.3	11.9	14.6	1.07	0.59	1.36
4.4	21.7	25.4	12.3	14.8	1.07	0.60	1.33
4.6	21.8	25.4	12.7	15.4	1.08	0.61	1.35
4.8	21.9	25.5	12.9	15.6	1.08	0.62	1.36
5.0	21.9	25.6	13.0	16.1	1.09	0.63	1.43
5.2	22.0	25.7	12.8	16.3	1.09	0.64	1.44
5.4	22.0	25.8	12.4	16.7	1.10	0.66	1.42
5.6	22.0	25.9	11.9	17.2	1.10	0.68	1.48
5.8	22.0	26.1	11.2	17.4	1.11	0.70	1.52
6.0	21.9	26.3	10.4	17.6	1.12	0.73	1.53
6.2	21.9	26.5	9.7	17.5	1.13	0.76	1.61
6.4	21.8	26.7	8.9	16.9	1.14	0.79	1.59
6.6	21.7	27.0	8.2	15.6	1.16	0.82	1.62
6.8	21.5	27.3	7.6	14.3	1.17	0.85	1.65
7.0	21.4	27.6	7.1	13.0	1.19	0.87	1.76
7.2	21.3	28.0	6.8	11.9	1.22	0.88	1.78
7.4	21.2	28.3	6.5	11.0	1.24	0.88	1.80
7.6	21.1	28.6	6.5	10.3	1.28	0.88	1.87
7.8	21.2	28.9	6.4	9.9	1.30	0.87	1.87
8.0	21.3	29.1	6.6	9.5	1.33	0.86	1.89
8.2	21.5	29.2	6.8	9.3	1.33	0.84	1.86
8.4	21.7	29.3	7.2	9.2	1.35	0.82	1.77
8.6	22.0	29.4	7.7	9.0	1.35	0.79	1.68
8.8	22.3	29.4	8.6	9.1	1.35	0.77	1.56
9.0	22.5	29.5	9.9	9.2	1.37	0.76	1.57
9.2	22.7	29.7	11.4	9.2	1.41	0.75	1.55
9.4	22.6	30.1	12.6	9.0	1.45	0.75	1.63
9.6	22.5	30.5	12.9	8.6	1.50	0.76	1.76
9.8	22.3	31.0	12.1	8.0	1.56	0.77	1.81
10.0	21.9	31.7	10.7	7.4	1.63	0.79	1.96

FREQ	IP-3 Output		1dB Comp. Output
	POUT = 0 dBm/Tone	POUT = +5 dBm/Tone	
(GHz)	(dBm)	(dBm)	(dBm)
0.01	26.8	26.8	17.3
0.05	28.8	29.8	19.6
0.10	29.8	30.3	20.7
0.40	30.3	30.4	21.5
0.50	30.4	30.4	21.4
1.00	31.0	31.0	21.6
1.50	29.6	29.7	21.1
2.00	29.2	29.2	20.8
2.50	29.5	29.4	21.0
3.00	29.5	29.4	20.7
3.50	28.5	28.5	19.7
4.00	28.1	28.3	19.8
4.50	28.8	28.6	20.3
5.00	29.1	28.8	20.4
5.50	28.5	28.0	19.8
6.00	27.8	27.3	19.7
6.50	28.8	28.4	19.9
7.00	28.7	28.4	19.6
7.50	28.3	27.9	19.4
8.00	27.7	27.5	19.5
8.50	27.4	26.9	19.6
9.00	27.6	27.5	19.7
9.50	27.5	27.1	19.5
10.00	27.5	27.2	19.7