Typical Performance Data

Freq.	LOW INPUT POWER			POWER OUTPUT (dBm)				DELTA OUTPUT/1dB DELTA INPUT (dB/dB)		
	INSERTION LOSS	VSWR								
(MHz)	(dB)	INPUT (:1)	OUTPUT (:1)	+12dBm INPUT	+20dBm INPUT	+25dBm INPUT	+32dBm INPUT	+12 to +20dBm INPUT	+20 to +25dBm INPUT	+25 to +32dBm INPUT
30	0.09	1.26	1.26	10.29	12.08	12.64	13.60	0.22	0.11	0.14
90	0.06	1.07	1.07	10.30	11.82	12.34	13.37	0.19	0.10	0.15
100	0.06	1.06	1.06	10.33	11.79	12.31	13.36	0.18	0.10	0.15
250	0.11	1.03	1.03	10.29	11.50	12.20	13.83	0.15	0.14	0.23
400	0.14	1.03	1.04	9.82	11.11	11.92	13.73	0.16	0.16	0.26
550	0.19	1.04	1.05	9.67	11.31	12.71	14.40	0.21	0.28	0.24
700	0.22	1.04	1.06	9.86	11.61	13.15	13.60	0.22	0.31	0.06
850	0.29	1.06	1.08	9.19	11.00	12.65	13.62	0.23	0.33	0.14
1000	0.27	1.07	1.09	9.81	12.43	13.82	12.66	0.33	0.28	0.17
1100	0.28	1.07	1.09	9.25	11.76	13.35	11.83	0.31	0.32	0.22
1200	0.29	1.08	1.10	9.26	11.94	13.38	11.89	0.34	0.29	0.21
1800	0.38	1.12	1.15	9.46	12.21	11.51	12.92	0.34	0.14	0.20
1900	0.39	1.13	1.15	9.59	12.45	10.90	13.37	0.36	0.31	0.35
2000	0.40	1.14	1.16	9.52	12.39	11.01	13.14	0.36	0.28	0.30
2200	0.43	1.15	1.17	9.39	11.78	10.90	13.16	0.30	0.18	0.32
2400	0.45	1.17	1.18	9.23	11.38	10.56	13.07	0.27	0.16	0.36
2600	0.46	1.18	1.18	9.14	10.89	10.52	12.93	0.22	0.07	0.34
2800	0.49	1.18	1.19	9.31	11.01	10.43	13.42	0.21	0.12	0.43
3000	0.50	1.19	1.19	9.51	10.07	11.43	13.17	0.07	0.27	0.25
3200	0.51	1.18	1.18	9.40	9.18	10.88	13.38	0.03	0.34	0.36
3400	0.53	1.18	1.17	9.52	9.76	11.56	13.10	0.03	0.36	0.22
3600	0.54	1.17	1.16	9.53	9.19	11.19	13.53	0.04	0.40	0.33
3800	0.56	1.15	1.14	9.36	9.94	11.10	13.08	0.07	0.23	0.28
4000	0.57	1.13	1.12	9.07	9.08	11.90	13.07	0.00	0.56	0.17
4200	0.58	1.10	1.10	9.00	8.61	10.61	12.96	0.05	0.40	0.34
4400	0.59	1.08	1.08	9.05	7.55	9.52	12.42	0.19	0.39	0.41
4600	0.60	1.05	1.07	8.91	7.20	9.18	12.50	0.21	0.40	0.47
4800	0.62	1.03	1.06	8.23	7.00	9.70	13.37	0.15	0.54	0.52
5000	0.63	1.04	1.06	8.10	7.10	9.74	12.13	0.13	0.53	0.34
5200	0.65	1.07	1.08	7.50	7.46	7.10	12.19	0.01	0.07	0.73
5400	0.68	1.11	1.11	7.46	6.38	9.24	12.03	0.14	0.57	0.40
5600	0.70	1.16	1.14	8.76	6.82	8.94	13.01	0.24	0.42	0.58
5800	0.73	1.19	1.18	7.93	6.60	6.98	12.58	0.17	0.08	0.80
6000	0.77	1.24	1.22	8.57	6.16	9.84	11.84	0.30	0.74	0.29
6200	0.81	1.28	1.26	8.42	6.47	9.73	11.54	0.24	0.65	0.26
6400	0.84	1.33	1.29	7.12	6.43	8.04	11.27	0.09	0.32	0.46
6600	0.88	1.36	1.32	4.44	6.13	7.04	12.10	0.21	0.18	0.72
6800	0.92	1.39	1.36	4.31	5.57	8.84	13.30	0.16	0.65	0.64
7000	0.98	1.42	1.38	4.67	5.18	8.33	13.25	0.06	0.63	0.70
7250	1.01	1.44	1.41	1.89	5.34	8.43	12.55	0.43	0.62	0.59
7500	1.05	1.44	1.43	1.38	5.39	6.52	12.00	0.50	0.23	0.78
7750	1.06	1.42	1.43	1.28	5.18	6.49	12.00	0.49	0.26	0.79
7900	1.06	1.40	1.42	1.35	6.12	6.99	12.30	0.60	0.17	0.76
8000	1.08	1.39	1.41	1.32	5.70	6.81	13.12	0.55	0.22	0.90
8200	1.08	1.36	1.37	0.65	5.02	6.41	13.09	0.55	0.28	0.95

Typical Performance Data

POWER INPUT	POWER OUTPUT
@ 30 MHz	
(dBm)	
-10	-10.06
-5	-5.07
2	1.9
12	10.41
20	12.17
25	12.75
32	13.81

POWER INPUT	POWER OUTPUT
@ 3000 MHz	
(dBm)	
-10	-10.61
-5	-5.59
2	1.36
12	9.34
20	10.07
25	10.82
32	13.43

POWER INPUT	POWER OUTPUT
@ 8200 MHz	
(dBm)	
-10	-11.37
-5	-6.32
2	0.68
12	4.71
20	5.82
25	6.78
32	13.31