

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 15V	DIRECTIVITY (dB) 15V	VSWR (:1)		NOISE FIGURE (dB) 15V	POUT @ 1 dB COMPRESSION (dBm) 15V	POUT @ SATURATION (dBm) 15V	OUTPUT IP3 (dBm) 15V
			IN 15V	OUT 15V				
10	38.17	32.97	1.55	1.05	14.59	10.79	14.59	--
20	38.12	36.38	1.51	1.06	11.11	10.75	14.67	11.18
40	38.08	43.64	1.52	1.06	8.19	10.63	14.73	14.40
70	38.02	66.72	1.52	1.06	6.53	10.71	14.72	19.05
100	37.96	56.78	1.52	1.07	5.96	10.84	14.68	18.64
250	37.88	51.02	1.52	1.08	5.06	11.13	14.70	18.68
400	37.89	48.82	1.52	1.09	4.84	11.06	14.76	17.98
550	37.98	65.40	1.52	1.11	4.72	11.04	14.74	19.09
700	38.12	63.74	1.51	1.13	4.56	11.08	14.73	18.78
850	38.36	60.41	1.51	1.15	4.53	11.11	14.80	18.36
1000	38.68	71.68	1.50	1.17	4.48	11.16	14.83	18.18
2000	38.58	60.98	1.45	1.27	4.38	11.12	14.94	20.39
3000	38.50	67.16	1.37	1.47	4.16	11.36	15.26	19.03
4000	38.16	59.48	1.28	1.67	4.00	11.30	15.37	19.35
5000	37.90	63.65	1.17	1.86	3.90	11.12	15.40	19.53
6000	37.62	67.43	1.07	1.98	3.77	11.08	15.43	19.52
7000	37.05	71.38	1.12	2.01	3.71	11.27	15.36	19.87
8000	36.43	76.73	1.28	1.91	3.58	11.56	15.19	20.17
9000	36.12	63.10	1.45	1.74	3.42	11.42	15.10	19.82
10000	36.15	63.14	1.58	1.56	3.27	11.00	14.95	19.66
11000	36.26	68.29	1.63	1.47	3.13	10.81	14.90	19.64
12000	36.36	65.95	1.59	1.47	3.03	10.67	14.89	19.50
12500	36.46	68.32	1.53	1.49	3.08	10.64	14.94	19.43
13000	36.60	66.44	1.46	1.50	3.18	10.64	14.92	19.10
13500	36.74	61.36	1.38	1.51	3.11	10.49	14.94	19.17
14000	36.83	68.84	1.30	1.50	3.13	10.64	14.88	19.18
14500	36.86	60.50	1.22	1.47	3.22	10.51	14.88	19.47
15000	36.80	65.07	1.17	1.42	3.27	10.70	14.69	19.30
15500	36.67	62.64	1.16	1.37	3.32	10.72	14.66	19.19
16000	36.50	66.93	1.20	1.32	3.37	10.58	14.65	19.28
16500	36.28	73.34	1.27	1.26	3.42	10.52	14.39	19.39
17000	36.04	57.96	1.35	1.21	3.48	10.43	14.40	19.13
17500	35.77	57.99	1.43	1.16	3.59	10.44	14.42	19.20
18000	35.48	70.54	1.51	1.11	3.60	10.48	14.31	18.91
18500	35.16	68.41	1.58	1.05	3.74	10.27	14.23	19.19
19000	34.83	61.23	1.62	1.02	3.75	10.19	14.12	19.18
19500	34.52	63.19	1.62	1.09	3.80	10.32	14.13	18.78
20000	34.15	59.84	1.59	1.16	3.84	10.04	14.08	18.89
20500	33.83	73.97	1.51	1.23	3.95	9.79	13.90	18.43
21000	33.62	63.08	1.42	1.31	3.88	9.91	13.89	18.42
21500	33.43	63.70	1.31	1.38	4.00	9.73	13.90	18.25
22000	33.26	59.57	1.23	1.47	4.07	9.19	13.82	17.97
22500	33.17	69.47	1.21	1.56	4.07	8.90	13.61	17.52
23000	33.15	82.02	1.25	1.67	4.08	8.70	13.46	17.39
23500	33.11	72.70	1.32	1.78	4.12	8.55	13.12	17.18
24000	33.08	66.08	1.39	1.89	4.21	8.67	13.23	17.51
24500	33.11	68.36	1.44	1.97	4.23	9.36	13.18	17.90
25000	33.14	58.44	1.47	2.02	4.28	8.61	12.65	17.26
25500	33.20	61.81	1.47	2.00	4.33	9.03	12.70	17.85
26000	33.26	58.04	1.44	1.93	4.40	9.32	12.62	17.85
26500	33.30	71.95	1.37	1.81	4.49	9.23	12.18	17.86
27000	33.32	61.60	1.29	1.69	4.46	9.27	12.14	18.37
28000	33.15	67.64	1.09	1.51	4.59	8.84	11.72	17.67
29000	32.77	63.64	1.07	1.47	4.65	8.43	11.71	17.02
30000	32.28	56.81	1.15	1.60	4.81	7.72	11.35	16.09
31000	31.89	61.22	1.17	1.86	4.77	7.49	11.71	16.38
32000	32.10	60.06	1.21	2.09	4.80	8.00	12.00	16.37
33000	32.48	65.53	1.23	2.08	4.91	9.01	11.47	16.62
34000	32.79	59.18	1.18	2.04	4.96	8.84	11.59	16.06
35000	32.82	59.25	1.08	1.83	5.25	9.17	11.46	16.68
36000	32.38	53.47	1.13	1.40	5.46	9.97	11.76	17.67
37000	31.47	59.66	1.35	1.28	5.67	9.17	11.47	17.89
38000	30.64	57.09	1.64	1.51	5.85	8.14	11.05	16.77
39000	30.48	64.60	1.80	1.69	6.04	8.04	10.62	16.21
40000	30.26	64.94	1.73	1.99	6.15	8.64	10.38	16.40
41000	30.23	51.76	1.53	2.25	6.25	8.70	10.52	15.77
42000	29.93	54.90	1.38	2.08	6.50	9.20	10.56	16.17
43000	29.15	57.58	1.49	1.69	6.69	9.54	10.70	16.72
44000	28.23	56.33	1.87	1.42	6.90	9.15	10.25	16.61