

## 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				
1500	24.86	72.45	2.36	2.41	14.30	34.39	36.22	37.09
1600	27.33	70.54	2.31	2.25	13.27	35.47	38.07	39.35
1700	29.68	66.11	2.25	2.09	12.39	37.01	39.63	41.77
1800	31.74	60.16	2.15	1.93	11.50	38.03	40.31	43.10
1900	33.39	56.60	2.06	1.77	10.64	38.57	40.74	43.15
2000	34.64	54.82	1.96	1.63	9.90	38.85	41.38	43.18
2100	35.48	50.38	1.89	1.49	9.33	38.88	41.43	42.16
2200	35.98	47.85	1.84	1.35	8.75	38.95	41.52	41.65
2300	36.20	46.07	1.81	1.25	8.42	39.25	41.49	41.33
2400	36.28	43.28	1.79	1.22	8.10	39.26	41.28	40.69
2500	36.22	42.11	1.77	1.22	7.88	38.96	41.03	40.26
2600	35.99	40.98	1.78	1.22	7.74	38.77	40.80	39.96
2700	35.54	41.24	1.83	1.19	7.52	38.63	40.64	39.80
2800	35.03	40.52	1.87	1.17	7.46	38.50	40.49	39.79
2900	34.56	39.65	1.90	1.19	7.32	38.54	40.44	39.88
3000	34.21	39.25	1.91	1.24	7.23	38.38	40.27	40.30
3100	34.09	38.95	1.88	1.29	6.98	38.22	40.17	40.28
3200	34.19	38.12	1.84	1.34	6.83	38.07	40.17	40.16
3300	34.47	37.20	1.81	1.36	6.61	37.95	40.14	40.02
3400	34.88	36.02	1.82	1.36	6.39	38.02	40.14	39.99
3500	35.39	35.29	1.85	1.33	6.19	37.88	40.33	39.76
3600	35.87	35.31	1.87	1.30	6.03	37.70	40.25	39.53
3700	36.22	35.37	1.84	1.30	5.82	37.52	40.12	39.58
3800	36.43	34.48	1.74	1.33	5.69	37.61	40.26	39.33
3900	36.49	35.09	1.60	1.37	5.54	37.70	40.21	39.10
4000	36.48	36.29	1.46	1.39	5.48	37.92	40.22	39.00
4100	36.47	36.80	1.33	1.38	5.41	38.25	40.42	38.82
4200	36.51	37.52	1.22	1.33	5.34	38.38	40.61	38.54
4300	36.58	38.11	1.14	1.28	5.38	38.19	40.49	38.29
4400	36.65	36.74	1.06	1.23	5.39	38.45	40.77	38.55
4500	36.71	37.06	1.02	1.20	5.41	38.82	40.94	39.36
4600	36.69	36.39	1.07	1.19	5.38	39.10	41.13	39.87
4700	36.59	36.89	1.13	1.16	5.39	39.41	41.27	40.10
4800	36.45	38.44	1.21	1.12	5.39	39.67	41.42	40.36
4900	36.32	40.67	1.27	1.07	5.46	39.88	41.51	40.56
5000	36.17	44.52	1.33	1.01	5.41	39.99	41.56	40.75
5100	36.03	45.83	1.37	1.06	5.47	39.94	41.53	40.83
5200	35.88	48.18	1.41	1.13	5.53	39.90	41.57	41.04
5300	35.73	48.64	1.45	1.19	5.49	39.64	41.38	41.26
5400	35.54	48.97	1.48	1.23	5.64	39.52	41.20	40.86
5500	35.33	56.18	1.50	1.27	5.65	39.33	41.12	40.66
5600	35.10	54.65	1.52	1.29	5.70	39.16	40.81	40.59
5700	34.86	58.79	1.51	1.31	5.77	39.19	40.79	40.71
5800	34.66	53.47	1.49	1.32	5.72	39.17	40.75	40.65
5900	34.47	54.17	1.44	1.32	5.81	39.21	40.62	40.49
6000	34.33	53.75	1.38	1.33	5.81	39.06	40.56	40.57
6100	34.19	52.29	1.30	1.33	5.87	38.82	40.52	40.49
6200	34.04	52.86	1.22	1.33	5.88	38.60	40.37	40.46
6300	33.89	52.34	1.14	1.32	5.94	38.34	40.35	40.36
6400	33.71	53.19	1.08	1.32	5.95	38.29	40.34	40.11
6500	33.54	53.75	1.02	1.32	5.99	38.25	40.25	40.06
6600	33.38	54.21	1.03	1.34	6.04	38.03	40.14	39.96
6700	33.26	54.40	1.07	1.36	6.07	37.97	40.05	39.83
6800	33.19	53.20	1.11	1.37	6.02	37.70	39.97	39.66
6900	33.15	51.64	1.15	1.36	6.14	37.65	39.87	39.55
7000	33.14	50.83	1.19	1.32	6.14	37.76	40.08	39.55
7100	33.17	49.44	1.24	1.27	6.19	37.96	40.10	39.69
7200	33.26	48.29	1.29	1.22	6.19	38.07	40.16	39.61
7300	33.40	48.12	1.34	1.20	6.17	38.19	40.32	39.78
7400	33.61	46.02	1.40	1.21	6.18	38.34	40.43	39.94
7500	33.86	44.23	1.46	1.21	6.12	38.31	40.56	39.81
7600	34.10	43.89	1.53	1.18	6.13	38.47	40.60	39.99
7700	34.27	44.44	1.59	1.17	6.10	38.49	40.68	40.08
7800	34.29	44.45	1.61	1.28	6.05	38.54	40.68	40.46
7900	34.22	45.20	1.62	1.46	5.99	38.45	40.40	40.71
8000	34.21	46.86	1.64	1.59	5.97	38.31	40.55	41.08
8100	34.42	48.73	1.69	1.59	5.91	38.15	40.39	41.13
8200	34.84	50.09	1.74	1.46	5.83	37.83	40.13	40.84
8300	35.25	54.93	1.74	1.35	5.83	37.84	40.35	41.13
8400	35.27	64.64	1.70	1.47	5.80	37.49	39.86	40.63
8500	34.86	60.43	1.66	1.72	5.77	37.34	39.38	40.27
8600	34.01	50.60	1.64	1.93	5.75	36.75	38.95	39.99
8700	32.59	48.00	1.62	1.94	5.81	36.19	37.89	38.32
8800	30.46	49.97	1.61	1.71	5.81	34.95	36.67	36.31
8900	27.44	53.83	1.64	1.49	5.96	33.51	34.97	33.90
9000	24.20	58.18	1.67	1.44	6.09	32.03	33.21	32.21



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



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