

Typical Performance Data

Frequency (MHz)	Gain (dB)	Directivity (dB)	VSWR In (:1)	VSWR Out (:1)	Noise Figure (dB)	Pout at 1dB Compression (dBm)	Pout at Saturation (dBm)	Output IP3 (dBm)
20	51.72	25.78	1.17	3.71	12.74	40.48	43.20	50.06
30	51.04	21.61	1.22	4.34	12.40	39.35	43.50	49.89
40	50.76	18.31	1.18	3.38	12.15	39.47	43.65	50.10
50	50.60	19.89	1.19	3.39	11.94	39.37	43.43	49.72
60	50.69	22.89	1.21	3.55	11.86	39.87	43.25	49.48
70	50.49	21.40	1.20	3.58	11.63	39.33	43.51	49.68
80	50.34	15.33	1.18	3.49	11.59	39.64	43.61	49.86
90	50.23	21.15	1.19	3.52	11.49	39.77	43.47	49.56
100	50.31	45.64	1.19	3.70	11.38	39.35	43.31	49.32
200	50.70	29.39	1.21	3.91	10.47	39.06	43.71	49.53
300	50.55	37.63	1.20	3.89	10.41	38.41	44.23	49.26
400	49.48	33.60	1.13	4.22	10.28	37.42	44.63	48.50
500	50.17	37.59	1.10	4.42	10.39	37.55	44.85	48.67
600	50.31	38.00	1.01	4.39	10.23	38.20	44.97	48.76
700	51.43	39.48	1.06	2.86	10.31	39.54	46.15	49.57
800	50.82	43.65	1.06	2.54	10.20	39.51	46.28	49.98
900	50.69	39.75	1.11	1.85	10.23	39.73	46.50	50.27
1000	51.07	36.28	1.05	1.63	10.23	40.40	47.08	50.69
1100	50.79	34.47	1.15	1.27	10.18	40.29	46.45	50.87
1200	49.90	37.51	1.04	1.18	10.16	40.43	46.28	50.86
1300	49.17	30.24	1.04	1.09	10.24	40.44	46.67	50.84
1400	49.68	24.55	1.12	1.08	10.18	40.81	46.97	51.19
1500	51.04	27.41	1.13	1.26	10.21	40.73	46.83	50.99
1600	51.97	29.53	1.24	1.34	10.24	41.10	47.82	50.97
1700	51.52	22.03	1.26	1.96	10.38	40.46	46.67	49.94
1800	51.04	32.95	1.26	2.09	10.24	40.42	47.02	49.81
1900	49.94	27.04	1.27	2.83	10.52	39.61	46.86	49.20
2000	49.94	29.12	1.06	2.65	10.37	39.43	46.71	49.28
2100	49.98	28.70	1.17	3.15	10.45	39.22	46.47	49.06
2200	50.30	37.82	1.20	2.85	10.45	40.07	46.55	48.84
2300	50.37	26.57	1.13	2.61	10.48	41.02	46.98	49.26
2400	50.40	28.81	1.29	2.24	10.54	41.64	47.55	49.43
2500	50.14	39.06	1.27	1.53	10.62	41.33	47.44	49.20
2600	49.30	45.33	1.09	1.40	10.59	40.59	46.62	49.03
2700	49.43	49.30	1.26	1.42	10.73	39.96	45.39	48.39