

## Typical Performance Data

Frequency (MHz)	GAIN (dB)		Directivity (dB) 24V	VSWR In (:1) 24V	VSWR Out (:1) 24V	Noise Figure (dB) 24V	Pout at 1dB Compression (dBm) 24V	Output IP3 (dBm) 24V
	SW Low or Open ON 24V	SW High OFF 24V						
20	51.98	-16.71	34.47	1.31	2.20	3.84	42.41	52.67
30	51.86	-13.59	32.52	1.27	2.19	3.81	42.72	53.03
40	51.82	-11.19	30.40	1.27	2.21	3.76	42.89	53.14
50	51.76	-9.51	34.78	1.27	2.23	3.86	42.73	53.09
60	51.75	-8.11	34.22	1.26	2.27	3.92	42.81	53.13
70	51.68	-7.07	33.63	1.27	2.31	3.96	42.80	53.18
80	51.65	-6.21	37.38	1.28	2.36	3.91	42.96	53.25
90	51.61	-5.47	35.84	1.28	2.41	4.06	42.95	53.15
100	51.60	-4.81	34.57	1.29	2.48	4.06	43.04	53.29
125	51.50	-3.54	36.98	1.31	2.64	4.15	43.10	53.17
150	51.40	-2.56	35.67	1.33	2.80	4.24	43.18	53.07
175	51.37	-1.76	34.78	1.35	2.95	4.32	43.26	52.88
200	51.30	-1.08	35.49	1.36	3.09	4.34	43.19	52.59
225	51.26	-0.47	36.11	1.37	3.18	4.33	43.02	52.33
250	51.28	0.14	33.58	1.38	3.24	4.12	42.81	51.99
275	51.31	0.74	37.73	1.38	3.25	4.05	42.62	51.80
300	51.33	1.27	35.92	1.39	3.20	3.95	42.54	51.58
325	51.40	1.82	36.41	1.38	3.12	3.87	42.40	51.55
350	51.50	2.40	37.31	1.38	2.99	3.77	42.34	51.68
375	51.63	2.97	36.58	1.38	2.83	3.69	42.36	51.84
400	51.72	3.48	42.00	1.38	2.66	3.84	42.19	52.42
425	51.85	4.01	39.27	1.37	2.47	4.03	42.08	52.81
450	51.96	4.51	39.71	1.37	2.30	3.90	42.14	52.77
475	52.09	5.00	36.97	1.36	2.13	3.73	42.18	52.25
500	52.21	5.48	39.55	1.34	2.00	3.74	42.30	51.70
525	52.31	5.92	39.79	1.34	1.89	3.75	42.27	51.10
550	52.41	6.35	37.51	1.33	1.80	3.83	42.30	50.53
575	52.51	6.76	34.75	1.30	1.75	3.85	42.31	50.15
600	52.61	7.17	34.74	1.29	1.73	3.85	42.22	49.93
625	52.70	7.57	34.98	1.27	1.74	3.86	42.21	49.66
650	52.77	7.95	33.65	1.25	1.76	3.89	42.10	49.41
675	52.85	8.33	32.78	1.23	1.80	3.86	42.04	49.25
700	52.86	8.65	34.33	1.20	1.85	3.89	41.94	49.13
725	52.85	8.97	32.52	1.18	1.90	3.88	41.91	48.98
750	52.77	9.22	31.13	1.16	1.96	3.90	41.93	48.86
775	52.54	9.39	30.78	1.11	2.03	3.89	41.83	48.62
800	52.45	9.45	31.12	1.12	2.11	3.84	41.78	48.44
825	52.24	9.64	31.05	1.12	2.20	3.80	41.85	48.28
850	51.95	9.73	32.60	1.11	2.27	3.78	41.72	48.10
875	51.60	9.76	32.66	1.10	2.35	3.80	41.68	47.92
900	51.26	9.83	30.99	1.10	2.40	3.76	41.64	47.73
925	50.98	9.85	31.92	1.10	2.41	3.74	41.43	47.42
950	50.78	10.09	31.62	1.09	2.32	3.74	41.32	47.13
975	50.73	10.44	31.42	1.07	2.25	3.75	41.07	46.97
1000	50.81	10.74	31.11	1.08	2.12	3.72	41.03	47.53