

Typical Performance Data

Frequency (MHz)	Gain (dB) 28V	Directivity (dB) 28V	VSWR In (:1) 28V	VSWR Out (:1) 28V	Noise Figure (dB) 28V	Pout at 1dB Compression (dBm) 28V	Pout at Saturation (dBm) 28V	Output IP3 (dBm) 28V
10	49.89	38.44	1.40	3.80	14.33	40.35	43.07	49.73
20	49.64	37.40	1.38	3.84	12.88	40.11	43.29	49.83
30	49.53	41.03	1.39	3.86	11.98	40.35	43.20	49.45
40	49.33	41.69	1.42	3.91	11.63	40.50	43.39	49.54
50	49.33	29.08	1.46	3.96	11.44	40.31	43.24	49.78
60	49.23	71.40	1.42	4.01	11.43	40.49	43.50	49.81
70	49.17	54.55	1.43	4.06	11.03	40.45	43.58	49.51
80	48.80	46.22	1.43	4.10	11.03	40.48	43.62	49.13
90	48.80	53.36	1.43	4.14	11.03	40.27	43.42	49.02
100	48.92	51.40	1.43	4.16	10.74	40.26	43.48	48.81
150	49.35	50.69	1.42	4.20	10.24	39.95	43.50	48.66
200	49.64	54.19	1.39	4.18	10.10	39.79	43.36	48.55
250	49.73	50.36	1.34	4.14	9.85	39.54	43.09	47.89
300	49.66	45.48	1.29	4.10	9.78	39.41	43.38	47.92
350	49.44	53.11	1.24	3.98	9.63	38.79	43.69	47.55
400	48.97	68.38	1.18	4.40	9.48	38.66	44.26	47.46
450	48.32	49.88	1.12	4.83	9.62	37.80	44.20	46.99
500	48.34	50.77	1.08	4.85	9.52	38.25	44.60	47.05
550	48.97	51.40	1.04	5.08	9.60	38.32	44.41	46.97
600	50.22	52.41	1.05	4.92	9.54	38.95	45.12	47.52
650	50.77	61.70	1.09	4.42	9.49	39.28	45.17	47.13
700	49.27	48.36	1.13	3.82	9.60	40.03	45.93	47.70
750	47.68	57.64	1.16	3.22	9.48	39.76	45.92	47.66
800	47.65	55.69	1.20	2.81	9.50	40.22	46.32	48.54
850	48.14	52.89	1.23	2.34	9.43	40.25	45.90	48.82
900	48.62	54.73	1.25	2.04	9.35	40.80	46.25	49.49
950	49.00	60.09	1.26	1.80	9.36	40.69	46.28	49.47
1000	49.16	52.48	1.25	1.60	9.24	41.36	46.81	50.11
1050	49.17	61.35	1.25	1.50	9.35	41.09	46.55	49.90
1100	49.04	50.64	1.24	1.35	9.25	41.65	46.57	50.42
1150	48.76	57.81	1.22	1.22	9.22	41.28	45.60	50.34
1200	48.38	57.73	1.19	1.11	9.23	41.61	45.70	50.66
1250	48.01	53.77	1.17	1.02	9.19	41.52	45.69	50.63
1300	47.67	52.39	1.15	1.10	9.19	41.62	45.76	50.67
1350	47.39	58.90	1.14	1.20	9.22	41.56	45.64	50.54
1400	47.44	62.35	1.15	1.22	9.27	41.66	45.36	50.71
1450	47.72	52.35	1.16	1.28	9.26	41.89	45.84	50.75
1500	48.12	50.54	1.16	1.33	9.45	41.72	46.32	50.78
1550	48.58	60.49	1.15	1.40	9.33	41.97	46.90	50.82
1600	49.02	55.89	1.14	1.49	9.28	41.65	46.99	50.32
1650	49.48	51.27	1.12	1.60	9.32	41.72	46.98	50.08
1700	49.83	52.39	1.11	1.74	9.38	41.64	46.67	49.51
1750	50.04	55.43	1.11	1.90	9.32	41.65	46.96	49.45
1800	50.14	70.06	1.13	2.09	9.29	41.36	46.93	49.01
1850	49.98	59.31	1.15	2.30	9.31	41.41	47.09	49.24
1900	49.64	63.51	1.17	2.47	9.35	41.09	47.07	48.72
1950	49.34	48.22	1.19	2.61	9.26	40.87	47.07	48.71
2000	49.06	68.17	1.20	2.71	9.32	40.70	47.07	48.59
2050	48.92	61.46	1.20	2.76	9.39	40.44	46.83	48.58
2100	48.89	50.37	1.18	2.80	9.35	40.60	46.91	48.75
2150	48.95	49.77	1.16	2.80	9.29	41.12	46.98	48.63
2200	49.03	53.51	1.13	2.74	9.51	41.68	47.18	49.13
2250	49.22	53.69	1.09	2.62	9.35	42.10	47.30	49.24
2300	49.40	49.28	1.05	2.46	9.43	42.73	47.61	49.61
2350	49.58	59.61	1.03	2.28	9.40	43.20	47.80	49.72
2400	49.63	53.49	1.07	2.06	9.46	43.47	47.89	50.04
2450	49.52	49.61	1.10	1.82	9.35	43.45	47.71	49.72
2500	49.19	54.92	1.11	1.56	9.47	43.13	47.29	49.75
2550	48.73	45.39	1.12	1.33	9.53	42.71	46.61	49.42
2600	48.16	55.51	1.10	1.22	9.55	42.08	45.63	48.98
2650	47.58	53.53	1.06	1.33	9.66	41.55	45.17	48.68
2700	48.70	67.57	1.04	1.65	9.68	40.83	44.09	48.13
2750	49.50	44.87	1.18	1.85	9.51	40.11	43.55	47.76



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