

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 28V	DIRECTIVITY (dB) 28V	VSWR (:1)		NOISE FIGURE (dB) 28V	Pout @ 1 dB COMPRESSION (dBm) 28V	Pout @ SATURATION (dBm) 28V	OUTPUT IP3 (dBm) 28V
			IN 28V	OUT 28V				
4000	56.96	30.91	1.38	1.32	9.61	39.99	43.96	51.29
4100	56.97	29.63	1.45	1.39	9.51	40.03	44.45	51.28
4200	56.93	31.97	1.51	1.50	9.64	39.35	44.28	50.63
4300	57.12	29.80	1.54	1.48	9.53	38.70	44.35	50.06
4400	57.74	31.31	1.56	1.51	9.61	38.77	44.62	50.13
4500	57.82	30.61	1.56	1.74	9.75	38.83	44.73	50.07
4600	57.84	35.16	1.54	1.83	9.48	38.54	44.67	50.11
4700	57.67	31.38	1.51	1.80	9.53	38.36	44.46	49.88
4800	57.69	32.31	1.45	1.60	9.49	37.90	44.03	49.37
4900	57.68	29.51	1.34	1.44	9.42	38.30	44.15	49.72
5000	57.35	29.68	1.21	1.52	9.48	38.61	43.99	50.02
5100	56.97	31.00	1.15	1.80	9.54	38.49	44.05	50.17
5200	56.43	30.30	1.24	1.95	9.50	38.52	44.18	50.30
5300	55.50	31.53	1.36	1.89	9.56	38.48	44.10	50.24
5400	55.15	33.45	1.47	1.85	9.56	38.67	43.94	50.66
5500	54.88	30.45	1.52	1.86	9.79	39.35	43.98	51.33
5600	54.63	31.52	1.50	1.81	9.84	39.89	44.15	51.71
5700	54.83	34.31	1.43	1.69	10.11	39.90	44.30	51.35
5800	56.06	36.33	1.39	1.59	9.86	39.16	44.42	50.41
5900	56.86	30.61	1.38	1.58	10.15	38.47	44.38	49.25
6000	57.52	31.18	1.45	1.52	10.08	38.05	44.21	48.46
6100	57.18	31.20	1.53	1.48	10.17	37.71	43.90	47.75
6200	56.64	32.39	1.62	1.54	10.26	37.14	43.63	47.42
6300	55.77	32.85	1.70	1.48	10.18	37.25	43.58	47.65
6400	54.87	34.37	1.78	1.45	10.58	38.15	43.79	48.51
6500	53.89	33.92	1.84	1.51	10.51	39.33	44.01	49.81
6600	53.00	37.38	1.89	1.55	10.54	40.14	43.97	51.20
6700	52.81	36.18	1.85	1.51	10.70	40.86	44.09	52.59
6800	53.34	30.35	1.75	1.52	10.57	41.20	44.16	52.13
6900	54.05	30.39	1.71	1.54	10.61	41.49	44.33	52.04
7000	55.17	31.20	1.74	1.57	10.79	40.83	44.06	50.89
7100	55.33	30.87	1.85	1.70	10.78	40.36	43.97	50.03
7200	55.41	33.01	1.94	1.84	10.78	39.58	43.77	48.53
7300	56.04	34.92	1.98	1.89	10.75	38.69	43.72	47.31
7400	56.49	32.05	1.94	1.91	10.79	38.72	44.08	47.23
7500	55.90	29.16	1.83	1.89	10.68	39.48	44.43	48.69
7600	55.72	32.58	1.63	2.08	10.70	40.01	44.46	49.09
7700	55.68	30.20	1.45	2.20	10.83	40.81	44.38	49.86
7800	55.54	29.78	1.39	1.97	10.68	40.92	44.15	49.91
7900	54.55	28.76	1.39	1.55	10.79	41.69	44.09	50.56
8000	52.38	31.73	1.48	1.74	10.94	41.86	43.99	51.72