

## Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 5V	DIRECTIVITY (dB) 5V	VSWR (:1)		NOISE FIGURE (dB) 5V	POUT @ 1 dB COMPRESSION (dBm) 5V	POUT @ 3 dB COMPRESSION (dBm) 5V	OUTPUT IP3 (dBm) 5V
			IN 5V	OUT 5V				
2000	16.41	40.60	1.14	1.11	11.98	18.45	20.15	31.01
2500	16.75	38.22	1.56	1.22	10.52	19.17	20.90	31.20
3000	16.59	36.12	1.81	1.31	9.74	19.22	20.95	31.32
3500	16.43	34.17	1.95	1.38	8.72	19.57	21.35	31.46
4000	16.32	32.53	1.99	1.44	8.09	19.42	21.09	31.61
4500	16.27	31.14	1.97	1.51	7.62	19.44	21.21	31.52
5000	16.26	29.98	1.91	1.58	7.11	19.46	21.17	31.17
5500	16.27	29.05	1.81	1.65	6.31	19.18	20.88	31.32
6000	16.29	28.27	1.69	1.73	5.78	19.27	21.00	31.40
6500	16.33	27.61	1.56	1.82	5.00	19.31	21.05	31.13
7000	16.37	27.06	1.42	1.90	4.89	19.21	21.08	31.05
7500	16.42	26.53	1.30	1.96	4.64	19.15	21.09	30.99
8000	16.49	26.01	1.21	1.97	4.62	19.00	21.02	31.01
8500	16.59	25.40	1.15	1.89	4.56	18.84	20.81	31.25
9000	16.71	24.66	1.17	1.72	4.70	18.74	20.67	31.27
9500	16.79	23.86	1.29	1.50	4.26	18.55	20.28	31.39
10000	16.81	23.27	1.47	1.25	4.08	18.26	19.87	31.53
10500	16.72	22.84	1.68	1.04	4.65	18.08	19.70	31.60
11000	16.52	22.57	1.90	1.16	4.69	17.75	19.27	31.57
11500	16.26	22.42	2.09	1.35	4.67	17.10	18.67	31.18
12000	16.01	22.25	2.23	1.53	4.77	16.70	18.68	31.02
12500	15.81	21.98	2.34	1.67	5.01	16.45	18.58	30.52
13000	15.73	21.45	2.41	1.73	4.97	16.37	18.63	30.58
13500	15.83	20.61	2.40	1.68	5.15	16.24	18.54	30.48
14000	16.09	19.50	2.28	1.51	5.22	16.14	18.44	30.40
14500	16.45	18.20	2.03	1.27	4.94	16.06	18.42	30.35
15000	16.75	16.73	1.72	1.19	5.04	15.94	18.27	30.40
15500	16.60	15.98	1.35	1.48	5.37	15.68	18.05	30.07
16000	16.52	17.21	1.18	1.79	5.19	15.42	17.76	30.06
16500	16.41	17.62	1.15	2.10	5.37	15.21	17.57	30.00
17000	16.28	17.90	1.25	2.24	5.56	14.94	17.24	29.93
17500	16.19	18.05	1.41	2.19	5.65	14.87	17.14	29.30
18000	16.20	18.01	1.63	1.96	5.61	14.77	16.88	29.15
18500	16.28	17.81	1.88	1.62	6.07	14.67	16.64	29.40
19000	16.30	17.62	2.05	1.24	6.11	14.49	16.32	28.78
19500	16.06	17.82	2.11	1.28	7.07	14.05	15.79	28.33
20000	15.19	19.09	2.24	2.02	7.72	13.27	15.04	27.08

FREQ OFFSET (Hz)	ADDITIVE PHASE NOISE (dBc/Hz)
100	-145
1,000	-156
10,000	-164
100,000	-166
1,000,000	-167
10,000,000	-167