

Typical Performance Data

FREQUENCY (GHz)	GAIN (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		Pout @ 1 dB COMPRESSION (dBm)	NOISE FIGURE (dB)	OIP3 dBm
			IN	OUT			
18.0	37.58	52.00	13.75	11.64	27.2	3.6	34.45
19.0	38.02	48.90	14.24	12.12	28.6	3.9	37.69
20.0	38.20	49.07	17.88	13.77	29.8	4.1	38.98
21.0	37.96	49.79	26.81	15.66	30.9	3.9	39.67
22.0	37.48	46.20	24.64	20.91	31.1	4.2	40.39
23.0	36.93	48.54	21.31	26.09	30.5	4.3	41.59
24.0	36.37	48.49	19.81	25.41	30.9	4.7	39.90
25.0	35.97	53.64	17.29	20.89	31.2	4.5	41.21
26.0	35.85	52.64	15.74	18.66	31.4	4.5	42.16
27.0	36.08	45.74	16.36	20.06	31.6	4.9	45.70
28.0	36.55	43.41	16.26	21.57	31.8	5.4	43.17
29.0	37.20	44.86	14.48	18.91	31.7	5.6	44.08
30.0	37.80	38.96	13.66	19.67	31.5	5.5	45.18
31.0	38.53	38.85	14.84	21.56	31.3	5.7	43.60
32.0	39.13	39.91	20.01	20.64	31.3	5.5	41.31
33.0	39.24	39.85	22.18	18.01	31.1	5.7	45.94
34.0	39.27	37.13	17.41	17.08	31.1	6.2	41.22
35.0	39.62	38.53	15.29	17.90	31.1	5.7	44.17
36.0	40.02	37.33	13.73	21.32	31.0	6.2	44.93
37.0	40.26	39.97	15.37	27.72	31.0	6.3	44.62
38.0	40.35	37.00	28.78	23.33	30.6	6.6	42.60
39.0	39.86	34.40	21.13	18.06	30.6	6.8	40.67
40.0	39.23	37.19	19.43	16.89	30.4	6.8	42.00
41.0	39.13	35.91	17.28	17.98	30.2	7.4	38.56
42.0	39.47	34.40	12.08	21.00	29.7	7.5	36.91
43.0	40.18	30.90	12.94	21.39	28.9	7.5	38.71
44.0	40.77	29.72	18.52	16.87	28.4	7.5	40.05