

Typical Performance Data

FREQUENCY (GHz)	GAIN (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		Pout @ 1 dB COMPRESSION (dBm)	NOISE FIGURE (dB)	OIP3 (dBm)
			IN	OUT			
15.0	18.67	33.03	24.54	16.22	13.6	3.1	25.20
15.5	18.57	32.89	24.36	16.58	13.9	3.0	25.27
16.0	18.41	32.93	24.85	16.63	14.3	2.9	25.89
16.5	18.22	33.10	27.23	16.10	14.5	2.8	25.90
17.0	18.03	33.42	29.82	15.38	14.7	2.8	26.19
17.5	17.84	33.71	26.92	14.54	14.9	2.8	26.13
18.0	17.64	34.50	21.98	13.61	15.0	2.8	26.30
18.5	17.45	36.43	18.29	12.66	15.1	2.8	26.53
19.0	17.26	35.91	15.66	11.94	15.2	2.8	26.67
19.5	17.12	35.10	13.89	11.47	15.3	2.7	26.68
20.0	17.08	34.99	13.01	11.27	15.4	2.7	26.82
20.5	17.05	35.28	12.66	11.12	15.6	2.7	26.65
21.0	17.04	35.99	12.76	11.26	15.9	2.6	26.96
21.5	17.04	36.93	13.56	11.84	16.3	2.6	27.63
22.0	17.05	37.85	14.84	12.95	16.7	2.6	27.50
22.5	17.03	38.00	16.61	14.58	17.1	2.6	27.61
23.0	16.97	37.02	17.75	16.94	17.5	2.6	27.31
23.5	16.88	35.28	17.48	19.86	17.9	2.6	27.55
24.0	16.75	33.81	15.72	21.61	18.2	2.7	27.85
24.5	16.62	32.62	13.62	19.94	18.5	2.8	27.70
25.0	16.48	31.55	11.70	16.91	18.9	3.0	27.41
25.5	16.38	30.25	10.39	14.49	19.1	3.0	27.80
26.0	16.39	30.29	9.67	12.59	19.4	3.2	27.98
26.5	16.42	34.03	9.71	11.72	19.6	3.3	27.53
27.0	16.36	36.78	9.44	11.84	19.7	3.4	28.15
27.5	16.42	41.10	9.68	12.38	20.0	3.5	27.95
28.0	16.67	39.24	10.36	13.28	20.1	3.6	27.64
28.5	16.89	38.38	11.26	14.75	20.2	3.6	27.70
29.0	17.05	37.88	12.59	16.96	20.3	3.7	27.31
29.5	17.12	37.90	13.98	19.41	20.6	3.6	28.12
30.0	17.07	37.53	15.26	19.94	20.7	3.6	28.11
30.5	16.89	36.94	16.14	18.00	20.6	3.6	28.71
31.0	16.63	36.19	16.60	15.83	20.6	3.6	29.18
31.5	16.31	35.70	17.06	14.44	20.6	3.7	27.87
32.0	16.02	33.98	17.65	13.77	20.4	3.8	26.88
32.5	15.76	32.06	18.19	13.83	20.2	3.8	27.61
33.0	15.68	30.27	18.81	15.31	20.0	3.9	28.82
33.5	15.74	28.03	17.48	18.34	19.8	4.0	27.89
34.0	16.09	26.82	15.08	18.35	19.5	4.1	27.72
34.5	16.42	28.26	13.75	14.65	19.3	4.1	28.34
35.0	16.49	32.90	13.56	14.45	19.0	4.3	27.63
35.5	16.60	37.94	13.39	15.64	18.8	4.3	28.32
36.0	16.60	42.31	13.18	14.23	18.7	4.2	27.62
36.5	16.44	44.04	13.85	12.72	18.5	4.3	26.63
37.0	16.24	41.81	14.82	12.13	18.2	4.4	26.66
37.5	16.08	36.67	15.24	12.25	17.9	4.5	26.72
38.0	16.03	34.12	14.93	12.27	17.7	4.6	27.68
38.5	16.00	32.91	14.31	11.56	17.5	4.6	27.14
39.0	15.86	32.71	13.29	10.76	17.2	4.7	27.96
39.5	15.59	33.22	12.14	10.36	17.2	4.8	27.05
40.0	15.21	33.64	11.09	10.24	17.2	4.8	27.08
40.5	14.77	34.10	10.53	10.30	16.9	4.9	26.81
41.0	14.37	34.74	9.90	10.52	16.6	5.0	27.13
41.5	14.05	35.61	9.58	10.85	16.5	5.1	26.94
42.0	13.76	36.24	9.79	11.48	16.4	5.2	27.19
42.5	13.43	36.49	10.18	12.01	16.3	5.3	27.59
43.0	13.11	36.79	10.81	12.25	16.1	5.3	28.05
43.5	12.80	37.22	11.14	12.20	15.9	5.3	28.67