

Typical Performance Data

FREQUENCY (GHz)	GAIN (dB)	ACTIVE DIRECTIVITY (dB)	RETURN LOSS (dB)		Pout @ 1 dB COMPRESSION (dBm)	Pout at SATURATION (dBm)	NOISE FIGURE (dB)	OIP3 (dBm)
			IN	OUT				
35.0	29.96	47.30	12.77	14.30	21.4	22.5	10.2	28.31
36.0	31.54	46.50	13.34	17.79	21.5	23.0	9.7	28.47
37.0	32.89	44.61	14.29	25.19	21.8	23.5	9.0	28.80
38.0	33.83	46.28	14.85	29.46	22.0	24.0	8.5	28.82
39.0	34.50	43.30	13.99	22.87	22.2	24.0	8.1	29.18
40.0	34.83	47.38	14.31	16.50	22.3	24.3	7.7	28.87
41.0	34.90	48.78	17.90	13.35	22.3	23.9	7.4	29.14
42.0	34.59	40.49	27.61	13.02	22.2	23.7	7.4	29.06
43.0	33.97	50.66	26.77	15.04	22.3	24.2	7.5	28.87
44.0	33.59	44.84	35.11	16.46	22.5	24.0	7.6	28.90
45.0	33.91	42.85	17.66	14.14	22.6	23.6	7.4	29.00
46.0	34.37	42.10	11.81	11.62	22.5	23.6	7.2	28.94
47.0	34.72	40.67	10.12	10.89	22.4	23.5	6.9	28.95
48.0	35.14	44.09	10.65	12.64	22.5	23.7	6.6	29.00
49.0	35.35	44.53	11.84	13.59	22.7	23.6	6.3	29.09
50.0	35.53	37.80	14.73	13.51	22.7	23.9	6.1	28.78
51.0	35.84	42.64	19.38	16.51	22.7	23.8	6.0	28.80
52.0	35.96	42.86	25.32	22.88	22.7	23.5	6.1	28.71
53.0	35.74	41.08	19.45	23.86	22.8	24.0	6.1	29.18
54.0	35.03	42.02	13.83	18.03	22.7	23.7	6.1	29.53
55.0	34.41	45.20	12.62	14.85	22.6	23.5	5.8	30.17
56.0	34.11	42.60	15.38	14.25	22.7	23.7	6.0	30.28
57.0	34.10	43.21	23.38	16.18	22.7	24.0	6.1	30.68
58.0	34.13	42.45	17.05	19.33	22.8	23.8	6.3	30.44
59.0	34.57	43.33	14.45	20.91	22.9	24.0	6.3	30.58
60.0	35.17	43.76	14.80	21.70	23.1	24.1	6.4	31.54
61.0	35.34	47.70	14.79	26.01	23.2	24.1	6.4	31.89
62.0	34.92	44.31	12.79	23.25	23.1	24.1	6.4	32.23
63.0	34.27	45.41	11.46	18.08	22.8	23.8	6.2	33.53
64.0	33.93	53.63	11.20	14.84	22.5	23.5	5.9	33.72
65.0	33.72	44.73	11.11	12.22	22.2	23.6	5.8	33.51
66.0	33.58	47.23	11.46	10.92	21.7	22.6	5.8	33.75
67.0	33.63	46.53	13.33	11.27	21.4	22.9	6.1	34.78
68.0	33.72	42.64	20.04	12.95	21.4	22.5	6.3	-
69.0	33.23	45.91	15.69	14.37	21.4	23.0	6.4	-
70.0	32.51	47.01	12.44	15.32	21.2	22.5	6.4	-
71.0	31.45	42.69	14.03	16.02	20.9	22.3	6.6	-
72.0	29.53	48.45	13.79	12.88	20.3	21.5	6.8	-
73.0	27.69	48.61	10.09	8.77	19.6	20.7	7.1	-
74.0	26.03	51.22	8.89	7.55	19.1	20.0	7.1	-
75.0	24.52	50.98	7.96	8.38	19.2	20.0	7.3	-