

Typical Performance Data

Test Conditions: Temperature = +25°C, DC Supply Voltage = 24 V, Supply Current = 3500 mA.

Freq. (GHz)	Small Sig.Gain (dB)	Isolation (dB)	P1dB Comp. (dBm)	Pout Satur. (dBm)	IP3 Output (dBm)	Noise Figure (dB)	Return Loss In (dB)	Out (dB)
2.00	48.21	-69.73	38.21	42.89	44.04	14.45	-20.08	-11.20
2.25	48.47	-66.17	39.00	43.09	44.47	14.63	-18.94	-9.95
2.50	48.97	-52.73	38.81	43.41	45.00	14.50	-18.68	-11.78
2.75	50.15	-69.31	38.42	44.04	45.52	14.10	-17.40	-17.91
3.00	50.15	-59.57	38.36	44.25	45.76	14.87	-17.21	-32.26
3.25	49.09	-52.40	38.14	43.76	47.84	14.44	-16.55	-17.60
3.50	48.23	-59.00	37.50	43.32	48.10	14.54	-15.58	-15.01
3.75	47.76	-67.68	37.52	43.00	47.63	14.03	-14.29	-13.65
4.00	47.70	-63.70	37.69	42.90	48.30	14.03	-13.32	-13.32
4.25	48.02	-78.29	37.57	42.88	48.36	13.75	-12.53	-13.26
4.50	48.26	-57.09	37.63	43.08	48.61	13.62	-11.77	-14.01
4.75	48.63	-57.30	37.62	43.24	48.87	13.53	-11.50	-14.45
5.00	49.00	-62.64	37.89	43.35	49.01	13.70	-10.80	-15.94
5.25	50.00	-59.69	37.67	43.70	49.08	13.23	-10.62	-17.45
5.50	51.32	-63.47	37.96	43.79	49.29	13.27	-10.51	-18.59
5.75	52.35	-57.99	38.05	43.97	49.60	13.23	-10.30	-23.64
6.00	53.33	-67.33	37.89	44.11	49.26	13.54	-10.44	-23.69
6.50	54.02	-69.29	37.39	44.05	48.98	12.59	-10.44	-24.25
7.00	53.01	-58.58	36.52	43.61	48.21	12.04	-10.10	-15.75
7.50	53.23	-61.55	36.47	43.48	48.76	12.12	-9.81	-14.48
8.00	53.67	-67.95	36.82	43.70	48.86	11.67	-9.26	-15.04
8.50	53.64	-60.20	35.71	43.97	48.66	11.28	-8.51	-14.67
9.00	53.89	-63.20	36.85	43.63	48.86	10.96	-7.56	-14.26
9.50	53.39	-62.11	36.97	43.41	48.65	10.67	-6.49	-13.96
10.00	52.37	-66.95	36.93	43.25	48.42	10.77	-5.83	-16.33
10.50	51.19	-59.47	36.65	42.79	47.95	10.37	-5.39	-11.55
11.00	50.68	-65.61	36.95	42.00	48.15	9.82	-5.52	-10.16
11.50	51.47	-62.31	36.57	42.02	48.06	9.90	-6.31	-10.17
12.00	52.04	-68.02	36.89	42.51	48.27	9.32	-8.30	-10.88
12.50	52.08	-67.72	37.03	43.02	48.21	9.14	-11.46	-14.75
13.00	51.76	-57.61	37.31	43.29	48.47	8.91	-15.56	-24.94
13.50	50.33	-66.80	38.32	43.14	49.19	8.60	-13.05	-17.83
13.75	51.31	-65.12	38.69	43.08	49.04	8.28	-11.12	-16.89
14.00	51.83	-69.16	38.72	42.94	49.06	8.16	-10.51	-18.49
14.25	51.95	-62.47	38.48	42.80	48.77	8.48	-9.63	-13.29
14.50	52.44	-71.99	37.41	42.61	47.79	8.58	-9.63	-12.47
14.75	53.31	-53.26	36.95	42.34	47.17	8.08	-10.16	-11.60
15.00	53.81	-65.89	36.81	42.41	47.00	8.03	-10.44	-11.73
15.25	53.36	-69.68	37.38	42.53	47.68	7.90	-11.44	-9.67
15.50	53.43	-56.43	37.68	42.52	47.75	7.90	-12.08	-10.49
15.75	53.46	-59.09	38.40	42.28	48.65	8.05	-12.60	-9.60
16.00	53.84	-70.09	37.89	41.93	47.68	7.23	-12.63	-11.29
16.25	53.21	-57.89	37.71	41.66	47.50	7.45	-12.31	-8.81
16.50	52.67	-61.34	37.88	41.62	47.35	7.17	-12.36	-11.17
16.75	51.69	-53.39	38.45	41.27	47.97	7.20	-11.44	-9.70
17.00	51.56	-73.43	38.30	41.10	47.82	7.11	-10.80	-8.26
17.25	51.78	-57.70	37.96	41.07	47.71	7.01	-10.21	-8.19
17.50	51.47	-66.22	37.68	40.53	46.99	7.16	-10.08	-6.98
17.75	50.43	-77.27	38.29	40.38	47.43	7.37	-9.47	-6.01
18.00	49.53	-62.13	37.50	40.54	46.03	7.54	-8.95	-5.09