

*Typical Performance Data***NOTE: Use PDF Bookmarks to view DATA at required conditions****Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.00V, Id = 145.16mA @ Temperature = +25degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	16.33	20.73	18.07	18.73	1.12	0.66	41.42	22.87	1.89
600.0	16.18	20.70	18.27	18.17	1.13	0.67	41.36	22.81	1.99
700.0	16.10	20.63	17.34	17.08	1.12	0.67	40.74	22.74	1.95
800.0	15.97	20.57	16.84	16.20	1.13	0.68	43.11	22.97	2.06
900.0	15.83	20.50	16.37	16.08	1.13	0.69	41.52	22.82	2.05
1000.0	15.75	20.46	15.59	15.41	1.11	0.69	43.22	23.10	2.14
1050.0	15.66	20.46	15.75	14.97	1.13	0.70	43.58	23.05	2.15
1100.0	15.60	20.33	15.21	14.59	1.12	0.70	45.68	23.19	2.09
1150.0	15.57	20.30	14.64	14.29	1.13	0.71	43.97	23.17	2.18
1200.0	15.45	20.27	14.61	14.35	1.12	0.71	44.67	23.05	2.15
1250.0	15.45	20.25	14.11	13.84	1.12	0.71	44.67	23.07	2.17
1300.0	15.35	20.23	14.18	13.91	1.12	0.72	43.46	23.06	2.19
1350.0	15.25	20.21	13.99	13.78	1.12	0.72	45.57	23.16	2.18
1400.0	15.20	20.10	13.46	13.33	1.12	0.72	47.25	23.27	2.22
1450.0	15.12	20.02	13.14	13.32	1.12	0.73	46.61	23.42	2.26
1500.0	15.06	20.06	13.00	13.38	1.12	0.73	44.72	23.40	2.28
1550.0	15.03	19.95	12.65	13.05	1.11	0.73	45.54	23.24	2.26
1600.0	14.94	19.91	12.40	12.90	1.12	0.75	50.85	23.54	2.26
1650.0	14.82	19.91	12.13	12.74	1.11	0.75	47.38	23.58	2.31
1700.0	14.75	19.86	12.24	12.88	1.11	0.75	49.71	23.54	2.23
1750.0	14.67	19.79	11.87	12.69	1.11	0.76	45.40	23.48	2.15
1800.0	14.66	19.74	11.42	12.57	1.12	0.76	45.25	23.39	2.35
1850.0	14.65	19.67	11.14	12.49	1.11	0.76	46.27	23.71	2.29
1900.0	14.49	19.58	11.01	12.68	1.11	0.77	45.80	23.63	2.24
1950.0	14.40	19.57	10.90	12.63	1.11	0.78	46.10	23.74	2.49
2000.0	14.40	19.55	10.54	12.66	1.10	0.79	48.53	23.64	2.39
2050.0	14.25	19.50	10.57	12.81	1.09	0.79	48.46	23.59	2.35
2100.0	14.22	19.39	10.13	12.28	1.10	0.79	49.53	23.79	2.35
2150.0	14.11	19.39	9.95	12.68	1.10	0.81	49.03	23.73	2.37
2200.0	14.07	19.29	9.67	12.62	1.09	0.81	47.11	23.83	2.37
2250.0	14.01	19.20	9.47	12.38	1.08	0.81	46.55	23.83	2.42
2300.0	13.94	19.11	9.09	12.84	1.09	0.82	45.11	23.90	2.43
2350.0	13.89	19.15	8.91	12.85	1.08	0.82	46.73	23.99	2.29
2400.0	13.81	19.05	8.52	12.81	1.07	0.83	48.48	23.85	2.38
2500.0	13.71	18.94	8.16	12.87	1.06	0.84	47.08	23.90	2.53
2600.0	13.54	18.84	7.74	13.06	1.05	0.85	46.52	23.87	2.51
2700.0	13.44	18.74	7.21	13.46	1.02	0.86	46.21	23.88	2.63
2800.0	13.30	18.68	6.74	13.21	0.99	0.88	44.81	23.85	2.68
2900.0	13.19	18.48	6.27	13.57	0.97	0.89	47.87	23.70	2.68
3000.0	13.04	18.43	5.73	13.58	0.94	0.90	45.38	23.70	2.78

*Typical Performance Data***Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 4.75V, Id = 133.07mA @ Temperature = +25degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	16.22	20.66	18.17	18.65	1.12	0.66	42.98	22.33	1.89
600.0	16.09	20.64	18.39	18.16	1.12	0.67	42.46	22.29	1.98
700.0	16.00	20.53	17.46	16.92	1.12	0.67	41.42	22.21	1.95
800.0	15.87	20.49	16.95	16.36	1.13	0.68	42.95	22.44	2.02
900.0	15.74	20.44	16.50	15.71	1.13	0.69	41.50	22.30	2.02
1000.0	15.66	20.38	15.66	15.06	1.12	0.69	43.06	22.55	2.09
1050.0	15.55	20.37	15.84	14.89	1.13	0.70	42.36	22.51	2.13
1100.0	15.49	20.24	15.28	14.67	1.12	0.70	42.40	22.65	2.07
1150.0	15.46	20.22	14.70	14.30	1.13	0.71	42.25	22.62	2.17
1200.0	15.36	20.17	14.70	14.25	1.12	0.71	42.30	22.52	2.17
1250.0	15.35	20.17	14.18	13.65	1.13	0.72	41.96	22.51	2.12
1300.0	15.25	20.13	14.24	13.77	1.12	0.72	41.55	22.51	2.15
1350.0	15.15	20.12	14.07	13.87	1.12	0.72	42.38	22.60	2.13
1400.0	15.11	20.00	13.53	13.38	1.12	0.72	42.56	22.71	2.17
1450.0	15.03	19.95	13.23	13.10	1.12	0.73	42.27	22.83	2.23
1500.0	14.96	19.95	13.07	13.07	1.12	0.74	41.51	22.82	2.30
1550.0	14.93	19.85	12.73	12.68	1.11	0.73	42.33	22.67	2.23
1600.0	14.85	19.83	12.49	12.92	1.12	0.74	43.50	22.94	2.30
1650.0	14.73	19.78	12.20	12.79	1.11	0.75	43.57	22.99	2.28
1700.0	14.65	19.77	12.33	12.83	1.11	0.75	42.80	22.96	2.19
1750.0	14.58	19.70	11.94	12.93	1.11	0.76	41.56	22.89	2.10
1800.0	14.56	19.61	11.50	12.59	1.12	0.77	42.01	22.83	2.31
1850.0	14.54	19.56	11.22	12.57	1.11	0.77	42.04	23.08	2.24
1900.0	14.41	19.48	11.08	12.56	1.11	0.77	42.34	23.02	2.23
1950.0	14.30	19.45	10.97	12.50	1.11	0.78	40.93	23.14	2.40
2000.0	14.30	19.44	10.61	12.58	1.10	0.79	43.01	23.04	2.35
2050.0	14.17	19.42	10.61	12.75	1.09	0.79	42.48	22.99	2.32
2100.0	14.14	19.26	10.18	12.56	1.10	0.79	42.32	23.17	2.34
2150.0	14.02	19.30	10.01	12.74	1.10	0.80	42.42	23.10	2.33
2200.0	13.98	19.17	9.74	12.64	1.09	0.80	42.81	23.21	2.33
2250.0	13.92	19.11	9.54	12.63	1.08	0.81	41.61	23.20	2.40
2300.0	13.84	19.00	9.15	12.66	1.09	0.82	41.55	23.26	2.38
2350.0	13.81	19.03	8.96	13.06	1.08	0.82	42.32	23.35	2.31
2400.0	13.72	18.94	8.58	12.92	1.07	0.83	42.37	23.21	2.31
2500.0	13.63	18.81	8.21	13.01	1.06	0.84	42.00	23.24	2.46
2600.0	13.46	18.70	7.78	13.37	1.05	0.85	42.14	23.26	2.53
2700.0	13.37	18.63	7.25	13.44	1.02	0.86	41.47	23.26	2.55
2800.0	13.22	18.55	6.77	13.55	0.99	0.88	41.72	23.21	2.64
2900.0	13.11	18.38	6.31	13.90	0.97	0.88	42.75	23.12	2.62
3000.0	12.97	18.32	5.75	13.96	0.94	0.90	42.58	23.08	2.74

*Typical Performance Data***Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.25V, Id = 158.18mA @ Temperature = +25degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	16.40	20.81	17.95	18.60	1.12	0.66	40.77	23.33	1.98
600.0	16.26	20.78	18.14	18.65	1.13	0.67	41.41	23.28	2.03
700.0	16.18	20.72	17.27	17.11	1.12	0.67	40.69	23.22	1.97
800.0	16.04	20.64	16.74	16.60	1.13	0.68	42.05	23.46	2.07
900.0	15.92	20.57	16.31	15.93	1.13	0.69	41.21	23.30	2.08
1000.0	15.84	20.54	15.51	15.23	1.12	0.69	42.29	23.60	2.17
1050.0	15.73	20.58	15.68	15.41	1.13	0.70	43.09	23.53	2.17
1100.0	15.67	20.40	15.15	14.56	1.12	0.70	44.29	23.71	2.12
1150.0	15.64	20.39	14.56	14.53	1.13	0.71	44.40	23.67	2.19
1200.0	15.52	20.36	14.55	14.15	1.12	0.71	43.29	23.56	2.23
1250.0	15.53	20.34	14.05	14.04	1.13	0.72	44.27	23.58	2.18
1300.0	15.42	20.31	14.09	13.86	1.12	0.72	43.18	23.55	2.22
1350.0	15.32	20.29	13.93	13.90	1.12	0.72	44.14	23.69	2.19
1400.0	15.27	20.18	13.39	13.47	1.12	0.72	45.07	23.80	2.24
1450.0	15.19	20.09	13.08	13.28	1.11	0.73	47.90	23.95	2.29
1500.0	15.12	20.13	12.95	13.51	1.12	0.74	48.80	23.93	2.31
1550.0	15.11	20.03	12.61	12.93	1.11	0.73	44.36	23.75	2.31
1600.0	15.01	19.97	12.35	12.93	1.12	0.75	46.66	24.08	2.35
1650.0	14.89	19.93	12.08	12.82	1.11	0.74	45.93	24.11	2.35
1700.0	14.82	19.92	12.19	12.80	1.11	0.75	48.49	24.08	2.29
1750.0	14.76	19.87	11.80	12.85	1.11	0.76	45.58	24.00	2.17
1800.0	14.73	19.80	11.39	12.56	1.12	0.77	45.69	23.92	2.38
1850.0	14.71	19.73	11.10	12.28	1.11	0.77	47.63	24.25	2.32
1900.0	14.57	19.63	10.95	12.36	1.11	0.77	48.02	24.18	2.29
1950.0	14.47	19.62	10.86	12.54	1.11	0.78	50.45	24.28	2.48
2000.0	14.46	19.62	10.49	12.68	1.10	0.79	45.17	24.15	2.42
2050.0	14.32	19.60	10.50	12.67	1.10	0.79	46.30	24.11	2.39
2100.0	14.30	19.43	10.07	12.24	1.10	0.79	48.02	24.35	2.38
2150.0	14.18	19.47	9.92	12.74	1.10	0.80	46.74	24.27	2.36
2200.0	14.12	19.33	9.62	12.47	1.09	0.81	47.90	24.38	2.42
2250.0	14.08	19.26	9.43	12.47	1.08	0.81	48.59	24.39	2.46
2300.0	13.98	19.21	9.06	12.66	1.09	0.82	45.59	24.51	2.47
2350.0	13.96	19.21	8.87	12.72	1.08	0.82	46.98	24.56	2.32
2400.0	13.87	19.10	8.50	12.58	1.07	0.83	45.58	24.40	2.41
2500.0	13.77	19.01	8.13	12.88	1.06	0.84	45.52	24.46	2.54
2600.0	13.61	18.91	7.71	13.06	1.04	0.85	46.97	24.41	2.60
2700.0	13.49	18.79	7.19	13.18	1.02	0.86	43.56	24.43	2.68
2800.0	13.37	18.76	6.71	13.40	0.99	0.88	42.71	24.40	2.69
2900.0	13.24	18.56	6.25	13.37	0.97	0.88	43.27	24.23	2.71
3000.0	13.09	18.52	5.72	13.63	0.94	0.90	42.49	24.24	2.82

*Typical Performance Data***Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.00V, Id = 146.26mA @ Temperature = -45degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	15.79	20.20	20.85	17.72	1.12	0.64	38.35	22.93	1.63
600.0	15.66	20.17	21.10	17.87	1.13	0.66	38.15	22.90	1.84
700.0	15.60	20.12	19.85	17.36	1.13	0.65	38.02	22.87	1.64
800.0	15.51	20.04	19.60	16.63	1.13	0.66	38.83	23.05	1.77
900.0	15.41	20.01	19.10	16.58	1.13	0.66	37.88	22.93	1.75
1000.0	15.34	19.98	18.09	16.22	1.13	0.67	39.50	23.13	1.83
1050.0	15.26	20.01	18.30	15.94	1.14	0.68	39.01	23.10	1.87
1100.0	15.22	19.89	17.64	15.31	1.13	0.67	40.32	23.21	1.78
1150.0	15.21	19.86	17.01	15.04	1.13	0.68	40.20	23.19	1.85
1200.0	15.11	19.87	17.06	15.16	1.13	0.69	39.89	23.09	1.90
1250.0	15.12	19.83	16.42	14.70	1.13	0.69	39.99	23.08	1.86
1300.0	15.03	19.81	16.57	14.83	1.13	0.69	39.41	23.11	1.90
1350.0	14.95	19.78	16.30	15.04	1.13	0.69	40.34	23.19	1.87
1400.0	14.91	19.67	15.64	14.72	1.13	0.70	40.59	23.29	1.92
1450.0	14.85	19.64	15.28	14.54	1.13	0.70	42.23	23.39	1.92
1500.0	14.80	19.67	15.08	14.45	1.13	0.71	41.26	23.39	1.99
1550.0	14.80	19.57	14.76	14.04	1.12	0.70	40.53	23.25	1.94
1600.0	14.72	19.54	14.47	13.98	1.13	0.72	42.03	23.52	1.96
1650.0	14.61	19.50	14.17	14.16	1.12	0.71	41.89	23.55	2.01
1700.0	14.56	19.49	14.31	14.15	1.12	0.72	42.55	23.53	1.91
1750.0	14.50	19.45	13.79	14.19	1.12	0.72	41.11	23.44	1.83
1800.0	14.49	19.39	13.23	14.04	1.13	0.73	41.19	23.38	2.03
1850.0	14.48	19.34	12.87	14.06	1.12	0.74	43.68	23.65	1.91
1900.0	14.35	19.23	12.72	13.97	1.12	0.74	43.66	23.59	1.96
1950.0	14.26	19.24	12.59	13.86	1.12	0.75	43.90	23.70	2.09
2000.0	14.28	19.27	12.11	14.04	1.12	0.76	42.57	23.64	2.01
2050.0	14.13	19.22	12.15	13.98	1.11	0.75	42.75	23.59	2.03
2100.0	14.14	19.13	11.63	13.87	1.11	0.76	43.29	23.78	1.99
2150.0	14.02	19.13	11.40	13.90	1.11	0.77	44.04	23.70	1.95
2200.0	13.99	18.99	11.07	14.10	1.10	0.77	42.77	23.81	2.03
2250.0	13.94	18.97	10.82	13.97	1.09	0.77	46.84	23.81	2.05
2300.0	13.85	18.87	10.36	13.92	1.10	0.78	46.89	23.82	2.02
2350.0	13.84	18.88	10.13	14.04	1.09	0.78	44.75	23.93	1.93
2400.0	13.75	18.82	9.67	13.98	1.08	0.79	43.67	23.84	1.99
2500.0	13.67	18.72	9.25	14.04	1.07	0.80	47.15	23.86	2.14
2600.0	13.51	18.66	8.74	14.34	1.06	0.80	45.48	23.91	2.17
2700.0	13.41	18.55	8.13	14.28	1.03	0.81	48.14	23.93	2.22
2800.0	13.30	18.53	7.53	14.01	1.00	0.83	47.96	23.93	2.26
2900.0	13.19	18.34	7.02	13.89	0.98	0.83	45.17	23.82	2.23
3000.0	13.04	18.30	6.41	13.72	0.95	0.84	45.33	23.72	2.38

*Typical Performance Data***Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 4.75V, Id = 133.22mA @ Temperature = -45degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	15.68	20.12	20.88	17.80	1.12	0.64	38.62	22.36	1.56
600.0	15.56	20.11	21.14	17.83	1.13	0.65	38.43	22.32	1.75
700.0	15.49	20.02	19.93	17.15	1.13	0.65	38.21	22.28	1.67
800.0	15.40	19.97	19.67	16.85	1.13	0.67	38.99	22.44	1.74
900.0	15.30	19.93	19.15	16.14	1.13	0.66	38.50	22.35	1.74
1000.0	15.24	19.90	18.16	15.85	1.12	0.67	39.72	22.52	1.80
1050.0	15.16	19.92	18.38	15.67	1.14	0.68	39.70	22.52	1.85
1100.0	15.11	19.82	17.73	15.59	1.13	0.67	41.16	22.60	1.74
1150.0	15.10	19.74	17.10	15.10	1.13	0.68	40.74	22.57	1.84
1200.0	15.01	19.77	17.15	15.20	1.13	0.69	40.41	22.50	1.86
1250.0	15.01	19.76	16.47	14.88	1.13	0.69	40.32	22.49	1.85
1300.0	14.93	19.71	16.63	14.79	1.13	0.69	39.92	22.51	1.85
1350.0	14.86	19.70	16.38	14.99	1.13	0.69	40.34	22.57	1.83
1400.0	14.81	19.60	15.73	14.56	1.13	0.70	41.39	22.66	1.87
1450.0	14.75	19.55	15.38	14.34	1.13	0.70	42.91	22.75	1.93
1500.0	14.70	19.58	15.18	14.33	1.13	0.71	41.38	22.75	1.94
1550.0	14.70	19.50	14.85	14.18	1.12	0.71	40.52	22.64	1.91
1600.0	14.62	19.43	14.57	13.92	1.13	0.71	42.92	22.87	1.91
1650.0	14.52	19.43	14.24	14.20	1.12	0.72	42.19	22.91	1.94
1700.0	14.47	19.42	14.40	14.28	1.12	0.72	43.44	22.90	1.86
1750.0	14.41	19.36	13.86	14.00	1.12	0.72	40.64	22.84	1.79
1800.0	14.40	19.30	13.32	13.74	1.13	0.74	41.88	22.78	1.99
1850.0	14.38	19.27	12.94	13.82	1.12	0.74	43.53	23.00	1.93
1900.0	14.26	19.15	12.79	13.99	1.12	0.74	42.44	22.93	1.92
1950.0	14.18	19.16	12.64	13.99	1.12	0.74	42.36	23.03	2.10
2000.0	14.19	19.18	12.17	14.13	1.12	0.75	42.40	22.99	2.04
2050.0	14.05	19.14	12.20	14.13	1.11	0.76	42.17	22.95	1.95
2100.0	14.05	19.01	11.71	13.89	1.11	0.76	43.51	23.10	1.97
2150.0	13.94	19.06	11.48	14.11	1.11	0.77	43.09	23.04	1.95
2200.0	13.90	18.88	11.13	13.93	1.10	0.77	44.25	23.11	2.03
2250.0	13.86	18.84	10.87	13.82	1.10	0.77	44.50	23.10	2.05
2300.0	13.78	18.80	10.41	14.05	1.10	0.78	44.68	23.08	2.04
2350.0	13.75	18.83	10.18	14.26	1.09	0.78	44.45	23.20	1.87
2400.0	13.67	18.73	9.72	13.94	1.08	0.79	44.02	23.13	1.97
2500.0	13.59	18.65	9.29	13.89	1.07	0.80	44.48	23.13	2.11
2600.0	13.43	18.58	8.79	14.36	1.06	0.80	43.58	23.23	2.11
2700.0	13.33	18.49	8.17	14.51	1.03	0.82	48.21	23.20	2.20
2800.0	13.22	18.43	7.58	13.81	1.00	0.83	46.26	23.20	2.20
2900.0	13.12	18.26	7.05	14.00	0.98	0.83	47.39	23.14	2.17
3000.0	12.97	18.23	6.45	13.78	0.95	0.84	47.96	23.06	2.28

*Typical Performance Data***Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.25V, Id = 160.75mA @ Temperature = -45degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	15.86	20.27	20.84	17.97	1.12	0.64	37.90	23.50	1.65
600.0	15.74	20.22	21.07	17.89	1.13	0.65	37.78	23.46	1.81
700.0	15.69	20.18	19.81	17.38	1.13	0.65	37.63	23.41	1.69
800.0	15.58	20.12	19.55	16.97	1.13	0.66	38.55	23.60	1.76
900.0	15.48	20.06	19.04	16.36	1.13	0.66	37.92	23.48	1.79
1000.0	15.42	20.04	18.03	15.81	1.12	0.67	39.18	23.72	1.84
1050.0	15.34	20.05	18.25	15.78	1.14	0.67	38.62	23.67	1.86
1100.0	15.29	19.93	17.58	15.68	1.13	0.67	39.63	23.79	1.82
1150.0	15.28	19.92	16.97	15.32	1.13	0.68	39.93	23.76	1.90
1200.0	15.17	19.90	17.03	15.00	1.13	0.68	39.46	23.67	1.91
1250.0	15.19	19.89	16.37	14.86	1.13	0.69	39.96	23.66	1.91
1300.0	15.10	19.83	16.53	14.81	1.13	0.69	38.98	23.69	1.92
1350.0	15.02	19.82	16.26	14.93	1.13	0.69	39.80	23.76	1.86
1400.0	14.98	19.76	15.61	14.62	1.13	0.70	39.95	23.86	1.93
1450.0	14.91	19.72	15.26	14.30	1.13	0.70	40.80	23.97	1.97
1500.0	14.86	19.73	15.04	14.52	1.13	0.71	40.80	23.97	2.02
1550.0	14.86	19.64	14.72	14.15	1.12	0.71	39.97	23.81	1.94
1600.0	14.78	19.61	14.44	13.98	1.13	0.72	41.17	24.12	2.00
1650.0	14.68	19.57	14.11	14.19	1.12	0.72	40.96	24.15	1.99
1700.0	14.63	19.54	14.27	14.21	1.12	0.72	41.82	24.15	1.91
1750.0	14.57	19.49	13.75	14.17	1.12	0.72	40.63	24.08	1.85
1800.0	14.56	19.46	13.20	14.02	1.13	0.73	40.71	24.00	2.05
1850.0	14.54	19.43	12.82	13.87	1.12	0.74	42.51	24.27	1.97
1900.0	14.42	19.28	12.69	13.87	1.12	0.74	43.47	24.19	1.91
1950.0	14.33	19.31	12.55	14.27	1.12	0.75	42.42	24.32	2.10
2000.0	14.34	19.28	12.07	13.89	1.11	0.75	40.86	24.26	2.06
2050.0	14.20	19.26	12.12	14.01	1.11	0.75	41.64	24.21	2.02
2100.0	14.20	19.14	11.61	13.59	1.11	0.76	42.20	24.42	1.98
2150.0	14.07	19.14	11.39	13.87	1.11	0.77	42.85	24.35	2.00
2200.0	14.05	19.04	11.05	13.89	1.10	0.77	42.44	24.48	2.03
2250.0	14.00	19.00	10.78	13.99	1.09	0.77	43.78	24.47	2.11
2300.0	13.92	18.89	10.34	14.00	1.10	0.78	46.50	24.53	2.12
2350.0	13.89	18.95	10.11	14.14	1.09	0.78	43.48	24.64	1.93
2400.0	13.81	18.86	9.66	13.89	1.08	0.79	43.59	24.51	2.01
2500.0	13.73	18.78	9.24	14.04	1.07	0.80	44.75	24.54	2.17
2600.0	13.57	18.73	8.73	14.22	1.05	0.80	43.23	24.58	2.21
2700.0	13.47	18.59	8.11	14.07	1.03	0.82	44.07	24.58	2.25
2800.0	13.35	18.58	7.51	13.92	1.00	0.83	43.51	24.58	2.33
2900.0	13.25	18.40	7.01	13.93	0.98	0.83	43.13	24.46	2.29
3000.0	13.10	18.35	6.41	13.76	0.95	0.84	43.64	24.43	2.36

*Typical Performance Data***Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.00V, Id = 148.00mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	16.62	21.12	15.64	17.96	1.11	0.67	46.22	22.79	2.22
600.0	16.46	21.07	15.82	17.40	1.12	0.68	45.94	22.73	2.31
700.0	16.37	20.96	15.19	16.31	1.11	0.68	43.86	22.68	2.22
800.0	16.21	20.92	14.68	15.59	1.12	0.70	46.59	22.94	2.30
900.0	16.05	20.84	14.29	14.92	1.12	0.70	44.91	22.76	2.34
1000.0	15.96	20.78	13.69	14.28	1.11	0.71	48.42	23.10	2.45
1050.0	15.85	20.79	13.84	14.28	1.12	0.72	49.23	23.01	2.43
1100.0	15.79	20.66	13.41	13.98	1.11	0.72	47.27	23.20	2.37
1150.0	15.73	20.60	12.93	13.56	1.12	0.73	49.20	23.18	2.46
1200.0	15.62	20.58	12.91	13.22	1.11	0.73	54.87	23.05	2.49
1250.0	15.60	20.52	12.51	13.18	1.11	0.74	46.84	23.05	2.48
1300.0	15.49	20.51	12.53	12.84	1.11	0.74	48.40	23.05	2.49
1350.0	15.38	20.45	12.42	12.91	1.11	0.74	49.55	23.17	2.46
1400.0	15.33	20.34	11.98	12.58	1.11	0.75	48.66	23.28	2.50
1450.0	15.24	20.28	11.75	12.37	1.11	0.75	46.02	23.43	2.59
1500.0	15.17	20.28	11.65	12.49	1.10	0.75	45.82	23.42	2.62
1550.0	15.13	20.17	11.35	12.14	1.10	0.76	51.93	23.23	2.57
1600.0	15.02	20.11	11.14	12.04	1.11	0.77	45.95	23.56	2.59
1650.0	14.89	20.08	10.92	11.84	1.10	0.77	46.17	23.56	2.59
1700.0	14.82	20.06	11.01	12.17	1.10	0.77	45.56	23.53	2.59
1750.0	14.74	20.00	10.69	12.02	1.10	0.78	49.30	23.45	2.45
1800.0	14.72	19.93	10.33	11.80	1.11	0.79	49.29	23.39	2.67
1850.0	14.68	19.87	10.11	11.88	1.10	0.79	45.35	23.68	2.58
1900.0	14.53	19.75	9.99	11.68	1.10	0.79	45.24	23.60	2.66
1950.0	14.42	19.75	9.93	11.87	1.10	0.80	44.13	23.69	2.75
2000.0	14.43	19.70	9.63	11.84	1.09	0.81	48.30	23.57	2.70
2050.0	14.27	19.68	9.66	12.01	1.09	0.81	47.29	23.50	2.68
2100.0	14.25	19.53	9.27	11.67	1.09	0.82	45.99	23.72	2.71
2150.0	14.11	19.53	9.14	11.87	1.09	0.83	46.22	23.64	2.72
2200.0	14.06	19.39	8.90	11.93	1.08	0.83	45.28	23.72	2.74
2250.0	13.99	19.37	8.73	11.65	1.07	0.83	43.20	23.71	2.79
2300.0	13.91	19.20	8.39	11.71	1.08	0.84	43.24	23.81	2.82
2350.0	13.86	19.26	8.28	12.06	1.08	0.84	44.15	23.87	2.68
2400.0	13.77	19.17	7.95	12.06	1.07	0.85	44.87	23.72	2.73
2500.0	13.67	19.08	7.64	12.38	1.06	0.87	42.99	23.75	2.89
2600.0	13.49	18.93	7.29	12.59	1.05	0.88	44.67	23.71	2.96
2700.0	13.38	18.82	6.79	12.96	1.02	0.89	43.30	23.71	2.99
2800.0	13.23	18.78	6.37	13.12	0.99	0.91	42.56	23.70	3.07
2900.0	13.10	18.55	5.93	13.27	0.97	0.92	43.58	23.53	3.09
3000.0	12.94	18.52	5.43	13.52	0.95	0.94	41.05	23.54	3.20

*Typical Performance Data***Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 4.75V, Id = 135.23mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	16.52	21.01	15.76	18.24	1.11	0.67	44.52	22.31	2.12
600.0	16.37	20.98	15.95	17.43	1.12	0.68	46.57	22.24	2.25
700.0	16.26	20.86	15.30	16.24	1.11	0.69	44.43	22.18	2.19
800.0	16.11	20.82	14.79	15.71	1.12	0.70	44.50	22.43	2.26
900.0	15.97	20.72	14.42	14.86	1.12	0.70	43.55	22.28	2.29
1000.0	15.86	20.65	13.78	14.08	1.11	0.71	43.95	22.59	2.39
1050.0	15.75	20.68	13.93	14.19	1.12	0.72	44.46	22.52	2.39
1100.0	15.68	20.53	13.52	13.86	1.11	0.71	43.39	22.68	2.32
1150.0	15.64	20.47	13.02	13.33	1.12	0.73	42.79	22.65	2.43
1200.0	15.51	20.43	13.00	13.29	1.11	0.73	44.45	22.53	2.43
1250.0	15.52	20.42	12.60	12.94	1.11	0.73	42.81	22.53	2.42
1300.0	15.40	20.37	12.64	12.98	1.11	0.74	42.87	22.55	2.47
1350.0	15.29	20.36	12.52	12.70	1.11	0.74	43.51	22.64	2.44
1400.0	15.24	20.22	12.08	12.67	1.11	0.74	43.02	22.76	2.46
1450.0	15.14	20.13	11.83	12.34	1.10	0.75	42.77	22.89	2.53
1500.0	15.07	20.15	11.73	12.50	1.11	0.76	42.04	22.88	2.54
1550.0	15.04	20.04	11.43	11.92	1.10	0.76	43.68	22.69	2.51
1600.0	14.93	19.99	11.23	12.04	1.11	0.77	43.52	23.00	2.57
1650.0	14.81	19.96	10.99	11.81	1.10	0.77	43.84	23.02	2.59
1700.0	14.72	19.98	11.10	12.14	1.10	0.77	44.15	22.98	2.45
1750.0	14.65	19.85	10.77	11.95	1.10	0.78	43.05	22.92	2.41
1800.0	14.62	19.77	10.42	11.68	1.11	0.78	43.54	22.85	2.64
1850.0	14.59	19.72	10.19	11.73	1.10	0.79	42.27	23.12	2.58
1900.0	14.45	19.60	10.07	11.44	1.10	0.79	41.89	23.04	2.55
1950.0	14.34	19.56	10.01	11.69	1.10	0.80	41.64	23.16	2.72
2000.0	14.34	19.53	9.70	11.74	1.09	0.81	44.11	23.04	2.66
2050.0	14.19	19.50	9.73	11.90	1.09	0.81	43.65	22.96	2.64
2100.0	14.15	19.41	9.33	11.55	1.09	0.81	43.16	23.17	2.67
2150.0	14.03	19.40	9.20	12.06	1.09	0.83	43.07	23.10	2.63
2200.0	13.98	19.24	8.97	12.00	1.08	0.83	42.65	23.17	2.70
2250.0	13.91	19.16	8.80	11.77	1.08	0.83	41.76	23.19	2.75
2300.0	13.83	19.06	8.46	12.24	1.08	0.84	41.20	23.26	2.72
2350.0	13.78	19.10	8.34	12.44	1.08	0.85	42.04	23.32	2.60
2400.0	13.69	19.02	8.01	12.25	1.07	0.85	43.58	23.17	2.69
2500.0	13.59	18.91	7.70	12.66	1.06	0.87	41.87	23.21	2.83
2600.0	13.42	18.76	7.33	12.89	1.04	0.87	42.40	23.18	2.88
2700.0	13.30	18.65	6.83	13.22	1.02	0.89	42.42	23.19	2.96
2800.0	13.16	18.59	6.41	13.46	0.99	0.91	41.44	23.15	3.05
2900.0	13.04	18.37	5.96	13.71	0.97	0.92	42.91	23.03	3.00
3000.0	12.88	18.33	5.45	14.15	0.95	0.94	42.30	23.00	3.12

*Typical Performance Data***Definitions:**

Input Return Loss = -S11 (dB)

Gain(Power Gain) = S21 (dB)

Reverse Isolation = -S12 (dB)

Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5.25V, Id = 160.80mA @ Temperature = +85degC

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Stability		IP-3 Output	1dB Comp. Output	Noise Figure
(MHz)	(dB)	(dB)	(dB)	(dB)	K	Measure	(dBm)	(dBm)	(dB)
500.0	16.68	21.19	15.53	17.98	1.11	0.67	44.47	23.24	2.23
600.0	16.53	21.12	15.70	17.53	1.12	0.68	44.49	23.18	2.37
700.0	16.42	21.06	15.11	16.51	1.11	0.69	43.66	23.12	2.30
800.0	16.27	20.99	14.59	15.71	1.12	0.70	45.41	23.39	2.37
900.0	16.12	20.94	14.21	15.11	1.12	0.71	44.31	23.20	2.39
1000.0	16.03	20.85	13.61	14.29	1.10	0.71	45.93	23.56	2.46
1050.0	15.91	20.86	13.75	14.06	1.12	0.72	46.44	23.49	2.52
1100.0	15.84	20.70	13.36	13.86	1.11	0.72	46.77	23.69	2.43
1150.0	15.81	20.66	12.86	13.34	1.12	0.73	47.35	23.66	2.55
1200.0	15.67	20.65	12.83	13.44	1.11	0.73	47.91	23.54	2.54
1250.0	15.67	20.62	12.45	13.31	1.11	0.74	47.47	23.53	2.53
1300.0	15.55	20.57	12.46	13.15	1.11	0.74	50.19	23.54	2.56
1350.0	15.45	20.55	12.34	12.91	1.11	0.74	46.62	23.66	2.55
1400.0	15.39	20.43	11.92	12.79	1.11	0.75	46.05	23.78	2.56
1450.0	15.30	20.36	11.69	12.51	1.11	0.75	45.82	23.93	2.65
1500.0	15.23	20.34	11.59	12.51	1.11	0.76	46.98	23.92	2.70
1550.0	15.19	20.24	11.29	12.24	1.10	0.76	45.50	23.72	2.66
1600.0	15.09	20.20	11.08	12.08	1.11	0.77	45.25	24.06	2.65
1650.0	14.96	20.15	10.86	11.99	1.10	0.77	44.25	24.06	2.66
1700.0	14.88	20.17	10.94	12.04	1.10	0.78	45.02	24.03	2.61
1750.0	14.80	20.10	10.63	12.01	1.10	0.78	46.06	23.96	2.53
1800.0	14.77	19.99	10.29	11.82	1.11	0.79	44.11	23.88	2.75
1850.0	14.75	19.94	10.05	11.59	1.10	0.79	44.84	24.19	2.67
1900.0	14.59	19.85	9.94	11.58	1.10	0.79	43.42	24.11	2.72
1950.0	14.48	19.83	9.88	11.78	1.10	0.80	44.16	24.19	2.77
2000.0	14.49	19.78	9.57	11.76	1.09	0.81	44.31	24.04	2.81
2050.0	14.33	19.76	9.61	12.00	1.08	0.81	44.04	23.97	2.77
2100.0	14.30	19.66	9.21	11.56	1.09	0.82	43.15	24.18	2.78
2150.0	14.16	19.61	9.09	11.81	1.09	0.83	43.40	24.12	2.81
2200.0	14.11	19.49	8.85	11.79	1.08	0.83	44.19	24.19	2.83
2250.0	14.05	19.46	8.69	11.84	1.07	0.83	42.34	24.21	2.85
2300.0	13.97	19.33	8.35	11.79	1.08	0.84	42.63	24.32	2.92
2350.0	13.92	19.34	8.25	11.98	1.08	0.85	42.89	24.36	2.75
2400.0	13.84	19.25	7.91	11.94	1.06	0.85	41.73	24.19	2.81
2500.0	13.72	19.19	7.61	12.51	1.06	0.87	41.49	24.22	2.96
2600.0	13.54	19.01	7.26	12.58	1.04	0.87	42.11	24.19	3.02
2700.0	13.42	18.93	6.77	12.67	1.02	0.89	41.54	24.19	3.10
2800.0	13.27	18.87	6.35	12.80	0.99	0.91	40.62	24.14	3.16
2900.0	13.15	18.67	5.91	13.25	0.97	0.92	40.61	23.98	3.18
3000.0	12.99	18.64	5.42	13.30	0.95	0.94	40.07	24.01	3.30