

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: V<sub>DD</sub> = +3.3 V, I<sub>DD</sub> = 67 mA, V<sub>CTRL</sub> = +0 V @ Temperature = +45°C

FREQ (MHz)	Gain (dB)	Isolation (dB)	Input Return Loss (dB)	Output Return Loss (dB)	Noise Figure (dB)	Stability		FREQ (MHz)	IP-3 Output			1dB Comp. Output (dBm)
						K	Measure		P <sub>OUT</sub> = 0 dBm/Tone (dBm)	P <sub>OUT</sub> = +3 dBm/Tone (dBm)	P <sub>OUT</sub> = +6 dBm/Tone (dBm)	
1325	38.45	63.40	13.62	15.18	0.54	8.38	1.00	1427	27.79	29.39	32.22	14.97
1350	38.41	63.67	14.55	16.83	0.56	8.81	1.00	1470	27.95	29.59	32.68	15.06
1375	38.37	63.80	15.59	18.64	0.56	9.11	1.01	1520	28.96	30.63	32.88	15.06
1400	38.33	64.14	16.73	20.65	0.55	9.62	1.01	1570	29.26	30.84	32.38	15.19
1427	38.26	63.35	17.89	22.40	0.55	8.92	1.01	1620	29.20	30.49	31.67	14.93
1470	38.12	62.18	19.56	24.35	0.58	7.96	1.00	1670	28.65	29.97	31.53	15.22
1495	38.06	61.24	20.73	24.90	0.59	7.25	1.00	1720	28.62	30.02	31.99	15.22
1520	37.98	61.02	22.16	24.53	0.53	7.12	1.00	1770	28.68	30.10	31.96	15.31
1545	37.89	59.89	23.91	23.21	0.53	6.32	0.99	1820	28.95	30.36	32.24	15.44
1570	37.81	59.60	25.48	21.85	0.52	6.18	0.99	1870	29.15	30.39	31.45	15.60
1595	37.71	59.16	26.66	20.92	0.53	5.94	0.99	1920	28.78	29.90	30.95	15.51
1620	37.62	58.80	27.94	20.10	0.54	5.75	0.98	1970	28.50	29.69	31.10	15.55
1645	37.54	58.13	29.12	19.36	0.53	5.37	0.98	2020	28.37	29.51	30.97	15.40
1670	37.48	57.45	30.62	18.63	0.54	4.99	0.98	2070	28.23	29.45	31.36	15.35
1695	37.42	57.20	31.64	17.94	0.52	4.89	0.97	2120	28.42	29.63	31.44	15.49
1720	37.36	56.71	32.31	17.25	0.49	4.63	0.97	2170	28.27	29.49	31.51	15.16
1745	37.31	56.22	33.21	16.81	0.49	4.42	0.97	2220	28.55	29.74	31.57	15.27
1770	37.21	55.82	34.88	16.69	0.50	4.26	0.96	2270	28.42	29.45	30.81	15.31
1795	37.13	55.15	38.77	16.57	0.53	3.98	0.96	2320	28.10	29.24	31.03	15.16
1820	37.06	55.00	46.40	16.42	0.49	3.96	0.96	2370	27.95	29.03	30.73	15.36
1845	37.00	54.54	42.04	16.26	0.46	3.77	0.96	2420	27.33	28.53	30.77	15.13
1870	36.94	54.30	39.25	16.10	0.50	3.69	0.96	2470	27.75	29.03	31.84	14.96
1895	36.88	53.78	38.06	16.07	0.47	3.51	0.95	2520	28.08	29.30	31.59	14.83
1920	36.82	53.63	36.90	16.04	0.49	3.48	0.95	2570	27.95	29.13	31.48	14.79
1945	36.76	53.31	36.07	16.10	0.45	3.39	0.95					
1970	36.71	53.13	35.08	16.11	0.46	3.34	0.95					
1995	36.65	52.66	33.82	16.21	0.47	3.18	0.95					
2020	36.58	52.45	32.60	16.39	0.44	3.14	0.95					
2045	36.53	52.09	31.92	16.46	0.44	3.04	0.95					
2070	36.47	52.00	32.08	16.65	0.39	3.03	0.95					
2095	36.42	51.61	33.13	16.85	0.40	2.93	0.95					
2120	36.36	51.49	34.11	17.08	0.46	2.91	0.95					
2145	36.32	51.24	34.46	17.30	0.52	2.85	0.95					
2170	36.26	50.94	33.94	17.48	0.48	2.78	0.95					
2195	36.21	50.86	33.12	17.74	0.42	2.77	0.95					
2220	36.17	50.64	31.91	18.08	0.43	2.72	0.95					
2245	36.09	50.45	31.40	18.69	0.42	2.70	0.95					
2270	36.03	50.23	30.87	18.96	0.43	2.66	0.95					
2295	35.98	50.01	29.74	19.18	0.45	2.61	0.95					
2320	35.92	49.88	28.56	19.46	0.47	2.59	0.95					
2345	35.87	49.64	27.68	19.65	0.46	2.55	0.95					
2370	35.80	49.49	27.65	19.87	0.49	2.53	0.95					
2395	35.73	49.32	28.32	20.08	0.45	2.50	0.95					
2420	35.66	49.08	29.17	20.20	0.50	2.45	0.95					
2445	35.57	48.99	29.32	20.07	0.55	2.45	0.95					
2470	35.49	48.96	29.81	19.75	0.56	2.46	0.95					
2495	35.41	48.91	30.76	19.41	0.57	2.47	0.95					
2520	35.33	48.75	32.24	18.97	0.50	2.45	0.94					
2545	35.25	48.62	34.03	18.51	0.50	2.43	0.94					
2570	35.17	48.54	35.33	17.97	0.54	2.42	0.94					
2595	35.09	48.31	34.88	17.51	0.49	2.38	0.94					
2620	34.98	48.30	32.39	16.83	0.64	2.39	0.94					
2645	34.88	48.17	29.35	16.09	0.60	2.38	0.93					
2670	34.77	48.15	26.80	15.48	0.55	2.39	0.93					
2695	34.65	48.01	24.67	14.75	0.53	2.37	0.93					
2720	34.51	47.91	23.45	14.07	0.61	2.36	0.92					
2745	34.38	47.89	22.26	13.40	0.58	2.37	0.92					
2770	34.25	47.85	21.07	12.79	0.70	2.37	0.92					

*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:  $V_{DD} = +3.3\text{ V}$ ,  $I_{DD} = 66\text{ mA}$ ,  $V_{CTRL} = +0\text{ V}$  @ Temperature = +25°C

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Noise Figure	Stability		FREQ	IP-3 Output			1dB Comp. Output
									$P_{OUT} = 0$ dBm/Tone	$P_{OUT} = +3$ dBm/Ton	$P_{OUT} = +6$ dBm/Ton	
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	K	Measure	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)
1325	36.94	64.59	14.18	16.76	0.89	11.71	1.00	1427	27.05	27.62	29.86	15.24
1350	36.94	69.01	15.06	18.69	0.90	19.65	1.01	1470	27.17	27.77	29.89	15.42
1375	36.89	69.43	15.99	20.88	0.89	20.93	1.01	1520	27.42	28.08	30.13	15.50
1400	36.87	64.75	16.98	23.35	0.90	12.36	1.01	1570	27.37	28.00	30.07	15.68
1427	36.78	66.73	17.92	25.66	0.90	15.85	1.01	1620	27.77	28.42	30.32	15.41
1470	36.68	60.65	19.09	27.78	0.93	7.96	1.00	1670	27.66	28.28	29.98	15.75
1495	36.62	61.12	19.94	26.68	0.92	8.49	1.00	1720	27.69	28.29	30.01	15.73
1520	36.58	61.17	21.00	24.71	0.90	8.56	1.00	1770	27.71	28.30	29.94	15.85
1545	36.45	57.93	22.16	23.31	0.88	5.99	0.99	1820	27.71	28.29	29.89	16.01
1570	36.38	59.13	23.23	21.88	0.87	6.92	0.99	1870	27.71	28.27	29.73	16.22
1595	36.29	58.52	23.95	20.55	0.89	6.51	0.99	1920	27.45	27.99	29.52	16.13
1620	36.23	58.19	24.56	19.45	0.89	6.31	0.98	1970	27.63	28.20	29.68	16.17
1645	36.14	57.64	25.21	18.72	0.90	6.03	0.98	2020	27.50	28.00	29.37	16.02
1670	36.11	57.30	25.64	18.02	0.90	5.76	0.98	2070	27.37	27.87	29.39	15.93
1695	36.01	57.18	25.76	17.46	0.89	5.74	0.97	2120	27.53	28.02	29.41	16.09
1720	35.99	56.69	26.28	16.89	0.90	5.47	0.97	2170	28.27	27.60	29.10	15.65
1745	35.90	55.64	27.08	16.51	0.90	4.87	0.97	2220	27.20	27.68	29.17	15.66
1770	35.85	54.94	28.43	16.14	0.91	4.51	0.96	2270	27.12	27.61	29.05	15.71
1795	35.77	54.89	30.40	15.98	0.90	4.52	0.96	2320	27.15	27.59	29.12	15.63
1820	35.72	54.45	31.35	15.83	0.97	4.32	0.96	2370	26.87	27.35	28.85	15.86
1845	35.65	53.57	31.27	15.73	1.03	3.95	0.96	2420	26.69	27.14	28.76	15.52
1870	35.61	53.30	31.09	15.47	1.00	3.86	0.95	2470	26.99	27.43	29.04	15.30
1895	35.54	53.90	31.31	15.44	0.86	4.14	0.96	2520	26.64	27.09	28.68	15.07
1920	35.50	53.46	32.01	15.24	0.93	3.95	0.95	2570	26.33	26.82	28.93	14.94
1945	35.44	53.65	33.10	15.43	0.86	4.09	0.96					
1970	35.38	52.67	34.07	15.62	0.85	3.68	0.95					
1995	35.24	52.81	34.31	15.89	0.84	3.80	0.96					
2020	35.24	52.19	33.80	15.66	0.83	3.55	0.95					
2045	35.18	52.12	33.51	15.86	0.84	3.55	0.95					
2070	35.12	51.68	33.75	15.93	0.81	3.40	0.95					
2095	35.10	51.92	34.98	16.13	0.80	3.51	0.95					
2120	35.05	51.38	36.01	16.30	1.04	3.34	0.95					
2145	34.99	51.19	37.11	16.45	0.87	3.28	0.95					
2170	34.93	51.54	38.27	16.68	0.88	3.44	0.96					
2195	34.90	50.89	41.23	16.98	0.82	3.22	0.96					
2220	34.84	51.05	45.69	17.19	0.82	3.30	0.96					
2245	34.80	50.56	45.22	17.57	0.82	3.16	0.96					
2270	34.71	49.98	41.49	17.96	0.82	2.99	0.95					
2295	34.68	49.55	40.66	18.14	0.82	2.87	0.95					
2320	34.61	49.44	39.90	18.50	0.86	2.86	0.95					
2345	34.55	49.53	39.37	18.76	0.87	2.90	0.96					
2370	34.47	49.40	41.42	19.07	0.92	2.89	0.96					
2395	34.43	49.26	49.57	19.20	0.84	2.86	0.96					
2420	34.36	49.21	56.63	19.42	0.87	2.87	0.96					
2445	34.29	48.66	45.10	19.53	0.87	2.72	0.96					
2470	34.20	48.84	40.62	19.61	0.88	2.80	0.96					
2495	34.13	48.36	37.08	19.43	0.91	2.68	0.96					
2520	34.05	48.19	33.49	19.28	0.97	2.65	0.95					
2545	33.95	48.64	30.37	18.78	0.92	2.80	0.96					
2570	33.86	48.52	27.58	18.30	0.92	2.79	0.96					
2595	33.76	48.44	25.46	17.79	0.91	2.78	0.96					
2620	33.68	48.00	23.79	17.13	1.02	2.67	0.95					
2645	33.57	48.18	22.37	16.46	1.02	2.75	0.95					
2670	33.42	47.90	21.09	15.80	1.02	2.69	0.95					
2695	33.25	47.83	20.03	15.08	0.97	2.70	0.95					
2720	33.03	47.72	19.06	14.19	0.96	2.70	0.95					
2745	32.93	48.22	18.19	13.67	1.07	2.85	0.95					
2770	32.82	47.64	17.31	13.02	1.06	2.68	0.95					

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:  $V_{DD} = +3.3\text{ V}$ ,  $I_{DD} = 65\text{ mA}$ ,  $V_{CTRL} = +0\text{ V}$  @ Temperature = +105°C

FREQ (MHz)	Gain (dB)	Isolation (dB)	Input Return Loss (dB)	Output Return Loss (dB)	Noise Figure (dB)	Stability		FREQ (MHz)	IP-3 Output			1dB Comp. Output (dBm)
						K	Measure		$P_{OUT} = 0$ dBm/Tone (dBm)	$P_{OUT} = +3$ dBm/Tone (dBm)	$P_{OUT} = +6$ dBm/Tone (dBm)	
1325	35.39	67.25	14.03	18.66	1.25	19.11	1.02	1427	28.43	28.37	29.67	14.49
1350	35.37	64.11	14.75	21.02	1.26	13.40	1.02	1470	28.73	28.62	30.10	14.62
1375	35.35	64.66	15.50	23.49	1.27	14.62	1.02	1520	29.09	29.36	30.32	14.66
1400	35.31	67.77	16.27	25.36	1.26	21.69	1.02	1570	28.92	29.31	29.91	14.80
1427	35.26	66.53	17.04	26.20	1.25	20.13	1.01	1620	28.72	29.04	29.43	14.59
1470	35.16	65.54	18.03	24.93	1.28	16.46	1.01	1670	28.62	28.79	29.45	14.90
1495	35.11	64.29	18.66	23.14	1.28	14.34	1.00	1720	28.94	29.01	29.89	14.93
1520	35.05	63.38	19.42	21.43	1.26	13.00	1.00	1770	28.94	29.03	29.83	14.97
1545	34.98	61.11	20.08	19.92	1.24	10.10	0.99	1820	29.30	29.35	30.15	15.04
1570	34.91	59.96	20.53	18.76	1.22	8.90	0.99	1870	28.86	29.11	29.42	15.14
1595	34.85	61.74	20.88	17.83	1.25	11.08	0.99	1920	28.56	28.73	29.03	15.19
1620	34.78	57.94	21.30	17.07	1.25	7.16	0.98	1970	28.54	28.66	29.21	15.24
1645	34.71	59.08	21.81	16.56	1.26	8.27	0.98	2020	28.51	28.58	29.11	15.11
1670	34.66	57.70	22.29	15.97	1.26	7.00	0.97	2070	28.62	28.56	29.36	15.08
1695	34.60	57.62	22.67	15.47	1.24	6.96	0.97	2120	28.79	28.74	29.50	15.19
1720	34.56	57.13	23.03	14.93	1.33	6.59	0.97	2170	28.27	28.67	29.54	14.90
1745	34.52	56.10	23.37	14.51	1.29	5.89	0.96	2220	28.84	28.79	29.50	14.94
1770	34.42	55.12	23.70	14.54	1.25	5.33	0.96	2270	28.41	28.42	28.85	14.96
1795	34.35	55.37	24.03	14.38	1.25	5.52	0.96	2320	28.44	28.32	29.06	14.89
1820	34.28	54.96	24.31	14.32	1.26	5.33	0.96	2370	28.14	28.03	28.69	15.11
1845	34.23	54.79	24.61	14.15	1.26	5.23	0.95	2420	27.70	27.52	28.65	14.86
1870	34.18	54.09	24.90	14.04	1.34	4.86	0.95	2470	28.46	28.14	29.60	14.63
1895	34.13	53.06	25.17	14.00	1.23	4.35	0.95	2520	28.53	28.31	29.27	14.47
1920	34.07	53.16	25.51	13.98	1.23	4.43	0.95	2570	28.31	28.07	29.11	14.38
1945	34.01	52.85	25.89	14.02	1.22	4.32	0.95					
1970	33.96	52.80	26.38	14.04	1.20	4.31	0.95					
1995	33.91	52.47	26.97	14.12	1.23	4.20	0.95					
2020	33.86	51.85	27.38	14.17	1.20	3.93	0.95					
2045	33.81	51.59	27.84	14.26	1.20	3.84	0.95					
2070	33.76	51.50	28.18	14.35	1.16	3.82	0.95					
2095	33.72	51.41	28.12	14.51	1.16	3.82	0.95					
2120	33.67	51.57	28.02	14.67	1.31	3.91	0.95					
2145	33.62	50.72	27.98	14.87	1.27	3.58	0.95					
2170	33.57	50.90	27.81	15.11	1.24	3.68	0.95					
2195	33.52	50.01	27.94	15.32	1.18	3.37	0.95					
2220	33.46	50.12	28.15	15.61	1.18	3.43	0.95					
2245	33.40	49.68	28.32	15.98	1.19	3.30	0.95					
2270	33.35	49.90	28.15	16.25	1.20	3.40	0.96					
2295	33.30	49.32	28.18	16.54	1.20	3.22	0.96					
2320	33.24	49.64	28.38	16.95	1.23	3.35	0.96					
2345	33.19	48.90	28.56	17.17	1.24	3.12	0.96					
2370	33.12	49.45	28.58	17.64	1.27	3.34	0.96					
2395	33.05	49.25	28.49	18.09	1.22	3.30	0.97					
2420	32.97	49.11	28.10	18.39	1.25	3.28	0.97					
2445	32.91	48.97	27.82	18.67	1.28	3.25	0.97					
2470	32.84	48.79	27.26	18.93	1.26	3.21	0.97					
2495	32.76	48.50	26.35	19.05	1.28	3.14	0.97					
2520	32.68	48.25	25.18	19.16	1.29	3.07	0.97					
2545	32.60	48.62	24.03	19.09	1.27	3.23	0.97					
2570	32.52	48.09	22.89	18.95	1.30	3.07	0.97					
2595	32.44	48.02	22.02	18.74	1.27	3.06	0.97					
2620	32.35	47.97	21.13	18.35	1.25	3.07	0.97					
2645	32.24	47.94	20.27	17.86	1.23	3.09	0.97					
2670	32.11	48.14	19.40	17.09	1.34	3.19	0.98					
2695	31.95	48.04	18.64	16.28	1.33	3.18	0.98					
2720	31.81	47.62	17.95	15.54	1.34	3.06	0.97					
2745	31.72	48.11	17.23	15.00	1.34	3.24	0.98					
2770	31.58	48.11	16.46	14.37	1.35	3.25	0.98					

*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:  $V_{DD} = +3.3\text{ V}$ ,  $I_{DD} = 52\text{ mA}$ ,  $V_{CTRL} = +0\text{ V}$  @ Temperature = +25°C

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Noise Figure	Stability		FREQ	IP-3 Output			1dB Comp. Output
						K	Measure		P <sub>OUT</sub> = 0 dBm/Tone	P <sub>OUT</sub> = +3 dBm/Tone	P <sub>OUT</sub> = +6 dBm/Tone	
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	K	Measure	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)
1325	36.27	64.53	14.24	17.95	0.91	12.79	1.01	1427	28.33	28.61	28.67	13.96
1350	36.23	64.09	15.12	19.97	0.92	12.15	1.01	1470	28.46	28.70	28.66	14.16
1375	36.18	64.41	16.11	22.19	0.91	12.87	1.01	1520	28.45	28.64	28.24	14.10
1400	36.14	61.71	17.14	24.23	0.92	9.56	1.01	1570	28.62	28.78	28.53	14.25
1427	36.07	64.11	18.15	25.06	0.93	12.82	1.01	1620	28.58	28.67	27.96	14.23
1470	35.96	62.07	19.40	24.30	0.93	10.17	1.00	1670	28.36	28.40	27.81	14.46
1495	35.91	60.54	20.28	22.47	0.91	8.62	1.00	1720	28.39	28.42	27.84	14.41
1520	35.83	60.36	21.50	21.09	0.92	8.46	0.99	1770	28.31	28.31	27.71	14.49
1545	35.72	59.44	22.81	19.94	0.91	7.78	0.99	1820	28.29	28.28	27.64	14.65
1570	35.64	59.80	24.06	19.02	0.92	8.12	0.99	1870	28.08	28.03	27.33	14.77
1595	35.56	58.54	25.10	18.02	0.95	7.03	0.98	1920	28.07	28.02	27.54	14.55
1620	35.50	58.42	25.98	17.32	0.91	7.04	0.98	1970	28.19	28.12	27.51	14.78
1645	35.43	57.38	26.91	16.74	0.92	6.23	0.98	2020	27.95	27.86	27.35	14.70
1670	35.38	56.67	27.57	16.21	0.92	5.80	0.97	2070	28.08	28.05	27.73	14.81
1695	35.28	56.70	27.91	15.78	0.92	5.86	0.97	2120	28.02	27.93	27.43	14.81
1720	35.24	55.94	28.94	15.35	0.93	5.38	0.97	2170	28.27	27.77	27.50	14.60
1745	35.18	55.35	29.99	14.99	1.01	5.06	0.96	2220	27.97	27.95	27.80	14.35
1770	35.13	55.21	31.27	14.75	0.94	4.99	0.96	2270	27.74	27.69	27.43	14.63
1795	35.06	54.40	33.95	14.59	0.92	4.59	0.96	2320	27.92	27.89	27.81	14.49
1820	35.01	54.04	36.88	14.45	0.92	4.43	0.95	2370	27.59	27.55	27.51	14.58
1845	34.94	54.11	37.12	14.36	0.94	4.50	0.95	2420	27.59	27.59	27.89	14.43
1870	34.89	53.76	36.43	14.25	0.91	4.35	0.95	2470	27.83	27.82	28.03	14.35
1895	34.84	53.04	36.78	14.16	0.91	4.02	0.95	2520	27.40	27.38	27.71	13.94
1920	34.80	52.52	37.75	14.11	0.91	3.82	0.95	2570	27.37	27.44	28.38	14.01
1945	34.76	52.35	39.62	14.14	0.89	3.76	0.95					
1970	34.68	52.27	40.24	14.46	0.90	3.77	0.95					
1995	34.58	52.45	39.29	14.59	0.87	3.90	0.95					
2020	34.56	52.01	37.75	14.59	0.86	3.72	0.95					
2045	34.50	51.59	36.68	14.72	0.88	3.58	0.95					
2070	34.47	51.21	37.07	14.80	0.85	3.44	0.95					
2095	34.45	51.30	39.04	14.98	0.86	3.50	0.95					
2120	34.42	50.86	41.16	15.14	0.84	3.34	0.95					
2145	34.35	50.73	43.75	15.38	0.85	3.33	0.95					
2170	34.30	50.61	46.32	15.67	0.84	3.31	0.95					
2195	34.26	50.33	48.47	15.89	0.85	3.23	0.95					
2220	34.22	49.75	42.96	16.13	0.87	3.05	0.95					
2245	34.19	49.85	38.95	16.52	0.85	3.10	0.95					
2270	34.12	49.49	36.13	16.89	0.84	3.01	0.95					
2295	34.07	49.50	34.26	17.18	0.85	3.04	0.95					
2320	34.01	48.95	33.40	17.59	0.84	2.88	0.95					
2345	33.95	48.89	32.95	17.92	0.87	2.88	0.95					
2370	33.91	48.65	34.24	18.28	0.86	2.82	0.96					
2395	33.87	48.79	36.68	18.66	0.87	2.89	0.96					
2420	33.81	48.69	40.23	19.07	0.89	2.88	0.96					
2445	33.74	48.62	43.48	19.39	0.89	2.88	0.96					
2470	33.66	48.39	46.46	19.61	0.91	2.83	0.96					
2495	33.58	47.90	44.41	19.78	0.88	2.71	0.96					
2520	33.52	48.00	38.74	19.75	0.89	2.75	0.96					
2545	33.44	47.83	33.40	19.55	0.90	2.73	0.96					
2570	33.36	47.76	29.82	19.21	0.93	2.72	0.96					
2595	33.25	47.86	27.16	18.72	0.90	2.77	0.96					
2620	33.19	47.63	25.02	18.15	0.93	2.72	0.96					
2645	33.10	47.68	23.35	17.59	0.95	2.76	0.96					
2670	32.98	47.77	21.94	16.97	0.95	2.81	0.96					
2695	32.84	47.27	20.73	16.24	0.96	2.68	0.96					
2720	32.63	47.36	19.68	15.31	0.97	2.74	0.96					
2745	32.53	47.28	18.72	14.62	0.99	2.72	0.96					
2770	32.40	47.24	17.82	13.93	1.02	2.72	0.96					

*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: V<sub>DD</sub> = +3.3 V, I<sub>DD</sub> = 72 mA, V<sub>CTRL</sub> = +0 V @ Temperature = +25°C

FREQ	Gain	Isolation	Input Return Loss	Output Return Loss	Noise Figure	Stability		FREQ	IP-3 Output			1dB Comp. Output
						K	Measure		P <sub>OUT</sub> = 0 dBm/Tone	P <sub>OUT</sub> = +3 dBm/Tone	P <sub>OUT</sub> = +6 dBm/Tone	
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	K	Measure	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)
1325	37.25	64.74	15.59	17.27	0.86	12.47	1.00	1427	26.63	27.26	29.31	15.77
1350	37.23	62.28	16.50	19.25	0.86	8.83	1.01	1470	26.84	27.45	29.41	16.03
1375	37.18	65.25	17.61	21.59	0.87	12.75	1.01	1520	27.09	27.75	29.69	15.95
1400	37.16	65.69	18.68	24.21	0.87	13.67	1.01	1570	27.10	27.72	29.61	16.14
1427	37.07	63.63	19.90	26.61	0.89	10.94	1.01	1620	27.41	28.09	29.98	16.07
1470	36.95	62.14	21.79	27.22	0.91	9.21	1.00	1670	27.38	28.00	29.68	16.31
1495	36.91	61.82	23.20	25.29	0.90	9.06	1.00	1720	27.37	27.99	29.72	16.24
1520	36.84	60.73	24.50	23.57	0.88	7.92	0.99	1770	27.42	28.02	29.68	16.31
1545	36.73	61.06	26.36	22.13	0.87	8.47	0.99	1820	27.42	28.02	29.66	16.55
1570	36.65	59.38	26.92	21.07	0.88	7.00	0.99	1870	27.44	28.02	29.55	16.74
1595	36.57	58.76	28.26	19.86	0.90	6.50	0.98	1920	27.21	27.77	29.30	16.39
1620	36.49	59.07	28.98	18.94	0.88	6.80	0.98	1970	27.37	27.96	29.48	16.61
1645	36.41	57.90	29.68	18.23	0.91	5.98	0.98	2020	27.26	27.78	29.21	16.50
1670	36.37	56.89	30.33	17.55	0.87	5.34	0.97	2070	27.16	27.66	29.16	16.58
1695	36.27	57.17	31.10	17.06	0.87	5.57	0.97	2120	27.33	27.84	29.25	16.64
1720	36.24	56.35	32.19	16.52	0.90	5.11	0.97	2170	28.27	27.43	28.90	16.30
1745	36.16	55.71	31.99	16.19	0.89	4.76	0.96	2220	27.03	27.51	28.95	16.00
1770	36.10	55.67	31.64	15.90	0.92	4.77	0.96	2270	26.94	27.46	28.88	16.28
1795	36.02	55.15	31.69	15.70	0.89	4.53	0.96	2320	26.99	27.46	28.91	16.16
1820	35.97	54.69	31.93	15.51	0.89	4.32	0.96	2370	26.74	27.24	28.65	16.24
1845	35.90	54.22	32.09	15.45	0.90	4.15	0.96	2420	26.57	27.04	28.51	16.03
1870	35.85	53.96	32.36	15.28	0.88	4.03	0.96	2470	26.87	27.34	28.81	15.92
1895	35.79	53.85	32.62	15.21	0.89	4.01	0.95	2520	26.54	27.01	28.45	15.46
1920	35.73	53.24	32.93	15.11	0.90	3.77	0.95	2570	26.23	26.74	28.42	15.48
1945	35.68	53.10	32.92	15.18	0.86	3.73	0.95					
1970	35.59	52.54	33.08	15.56	0.86	3.56	0.95					
1995	35.49	52.83	33.39	15.67	0.83	3.73	0.95					
2020	35.47	52.58	33.57	15.58	0.85	3.61	0.95					
2045	35.40	52.02	33.94	15.78	0.85	3.43	0.95					
2070	35.35	51.85	34.13	15.89	0.81	3.38	0.95					
2095	35.32	51.55	34.29	16.03	0.84	3.29	0.95					
2120	35.28	51.23	34.39	16.20	0.82	3.20	0.95					
2145	35.21	50.88	34.59	16.45	0.82	3.11	0.95					
2170	35.15	50.86	34.73	16.66	0.80	3.13	0.95					
2195	35.11	50.78	34.67	16.94	0.82	3.11	0.95					
2220	35.05	50.79	34.68	17.20	0.83	3.15	0.95					
2245	35.01	50.13	34.58	17.55	0.82	2.95	0.95					
2270	34.92	50.09	34.26	17.85	0.82	2.97	0.95					
2295	34.88	49.88	33.99	18.09	0.82	2.92	0.95					
2320	34.80	49.28	33.66	18.48	0.82	2.75	0.95					
2345	34.74	49.50	33.47	18.76	0.82	2.84	0.95					
2370	34.66	49.43	33.11	19.05	0.88	2.85	0.96					
2395	34.61	49.26	32.54	19.18	0.85	2.81	0.96					
2420	34.54	48.82	32.09	19.39	0.93	2.71	0.95					
2445	34.47	49.04	31.47	19.49	0.90	2.79	0.96					
2470	34.38	48.79	30.81	19.50	0.88	2.74	0.96					
2495	34.29	48.48	30.32	19.38	0.85	2.68	0.95					
2520	34.21	48.52	29.96	19.11	0.88	2.71	0.95					
2545	34.11	48.38	28.81	18.65	0.88	2.69	0.95					
2570	34.02	48.57	27.44	18.13	0.91	2.77	0.95					
2595	33.92	48.36	26.25	17.57	0.89	2.72	0.95					
2620	33.84	48.14	25.25	16.95	0.93	2.67	0.95					
2645	33.73	48.21	23.88	16.33	0.92	2.72	0.95					
2670	33.58	48.07	22.72	15.67	0.94	2.71	0.95					
2695	33.40	47.91	21.39	14.96	0.93	2.69	0.95					
2720	33.18	48.00	19.41	14.12	0.97	2.76	0.94					
2745	33.08	48.02	18.17	13.58	0.98	2.76	0.95					
2770	32.95	47.75	17.49	12.95	1.01	2.69	0.94					