

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.2V, V_{EE} = -3.2V @ Temperature = +25°C

FREQ	Insertion Loss				Isolation									
	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	0.87	0.87	0.86	0.85	78.15	77.64	79.76	79.53	78.13	79.75	79.75	80.30	81.47	79.28
0.25	0.86	0.86	0.86	0.85	80.61	80.46	80.71	80.21	81.48	81.64	82.26	82.58	82.07	81.63
0.5	0.86	0.86	0.86	0.85	80.38	80.77	80.94	80.63	81.80	82.01	81.91	82.09	82.26	81.64
0.75	0.86	0.87	0.86	0.85	80.54	80.87	80.64	80.68	81.85	82.10	82.03	82.29	82.24	81.61
1	0.86	0.87	0.86	0.85	80.58	80.78	80.93	80.78	81.82	82.33	81.89	81.95	82.10	81.91
2	0.85	0.86	0.86	0.85	80.71	80.92	80.97	80.66	81.81	82.13	82.22	82.33	82.29	81.68
3	0.85	0.86	0.85	0.85	80.69	80.84	80.83	80.69	81.87	82.39	82.42	82.16	82.21	81.79
4	0.85	0.86	0.85	0.85	80.53	80.95	80.90	80.57	81.50	82.29	82.31	82.26	82.18	81.54
5	0.85	0.86	0.85	0.84	80.46	80.86	80.86	80.46	81.53	82.33	82.50	82.26	82.25	81.37
6	0.85	0.86	0.85	0.84	80.27	80.67	80.92	80.33	81.24	82.34	82.31	82.21	82.17	81.24
7	0.84	0.86	0.85	0.84	80.08	80.47	80.69	80.28	80.97	82.07	82.27	82.01	82.11	80.74
8	0.84	0.86	0.85	0.84	79.80	80.27	80.51	79.92	80.74	81.92	82.10	81.78	82.13	80.56
9	0.84	0.86	0.85	0.84	79.61	79.89	80.18	79.79	80.49	81.77	82.06	81.67	81.76	80.25
10	0.84	0.86	0.85	0.84	79.25	79.81	80.05	79.58	80.23	81.68	81.60	81.47	81.69	80.02
20	0.84	0.86	0.85	0.84	77.07	77.74	77.97	77.22	77.80	79.66	80.00	79.55	79.66	77.31
30	0.84	0.86	0.86	0.85	75.74	76.36	76.64	75.99	76.38	78.31	78.85	78.31	78.40	75.85
40	0.84	0.86	0.86	0.85	75.10	75.59	75.99	75.29	75.73	77.71	78.45	77.60	77.74	75.03
50	0.84	0.86	0.86	0.85	74.80	75.22	75.56	74.94	75.30	77.32	78.22	77.32	77.44	74.58
60	0.84	0.86	0.86	0.85	74.71	75.15	75.47	74.89	75.17	77.25	78.23	77.08	77.35	74.39
70	0.84	0.86	0.86	0.85	74.69	74.94	75.45	75.05	75.14	77.19	78.28	77.15	77.21	74.33
80	0.85	0.87	0.86	0.85	74.75	75.12	75.53	75.14	75.15	77.39	78.47	77.16	77.28	74.26
90	0.85	0.87	0.86	0.85	74.98	75.14	75.60	75.34	75.12	77.38	78.53	77.18	77.44	74.30
100	0.85	0.87	0.86	0.85	75.01	75.31	75.71	75.46	75.10	77.52	78.83	77.26	77.53	74.37

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4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.2V, V_{EE} = -3.2V @ Temperature = +25°C

FREQ	Return Loss								
	RFC	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	20.73	21.09	21.12	22.04	22.07	15.44	15.38	14.97	14.98
0.25	21.42	21.88	21.90	22.85	22.88	15.48	15.44	15.01	15.02
0.5	21.42	21.88	21.90	22.85	22.87	15.49	15.44	15.01	15.02
0.75	21.42	21.88	21.90	22.86	22.87	15.48	15.45	15.01	15.03
1	21.43	21.88	21.92	22.87	22.88	15.48	15.44	15.01	15.03
2	21.45	21.93	21.95	22.91	22.92	15.47	15.45	15.01	15.04
3	21.47	21.94	21.95	22.91	22.92	15.46	15.46	15.01	15.05
4	21.47	21.96	21.97	22.93	22.93	15.46	15.46	15.02	15.05
5	21.47	21.99	21.99	22.94	22.95	15.46	15.46	15.02	15.04
6	21.47	22.02	22.00	22.95	22.96	15.45	15.46	15.02	15.04
7	21.48	22.03	22.02	22.97	22.98	15.46	15.46	15.03	15.05
8	21.48	22.04	22.02	22.98	22.99	15.46	15.46	15.03	15.05
9	21.49	22.05	22.03	22.99	23.00	15.45	15.47	15.04	15.06
10	21.51	22.05	22.04	23.01	23.02	15.45	15.47	15.05	15.07
20	21.54	22.09	22.08	23.05	23.04	15.47	15.49	15.07	15.08
30	21.52	22.06	22.08	23.04	23.02	15.48	15.49	15.08	15.09
40	21.52	22.01	22.06	23.00	22.98	15.51	15.51	15.09	15.10
50	21.50	21.97	22.04	22.98	22.96	15.53	15.52	15.11	15.13
60	21.46	21.92	22.02	22.94	22.92	15.55	15.54	15.12	15.14
70	21.41	21.87	21.97	22.89	22.86	15.58	15.55	15.14	15.16
80	21.35	21.81	21.93	22.85	22.82	15.60	15.58	15.16	15.18
90	21.29	21.76	21.86	22.78	22.75	15.62	15.59	15.18	15.20
100	21.23	21.71	21.80	22.72	22.67	15.63	15.61	15.20	15.22

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Definitions:

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1	LOW	LOW	RF-OUT1 ON
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3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.2V, V_{EE} = -3.2V @ Temperature = +25°C

FREQ	Insertion Loss				Isolation									
	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(GHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	0.84	0.85	0.86	0.84	72.74	74.95	75.55	72.97	75.36	78.09	76.94	77.20	75.73	80.71
0.05	0.84	0.86	0.86	0.85	73.27	74.08	76.19	74.15	75.27	78.75	80.05	76.19	75.92	74.97
0.1	0.84	0.86	0.86	0.85	74.97	76.04	74.04	76.00	75.00	77.57	78.96	77.34	77.82	74.01
0.2	0.85	0.87	0.88	0.86	74.48	77.04	77.10	75.01	73.49	79.94	82.40	79.56	80.14	73.25
0.4	0.88	0.90	0.91	0.90	70.18	79.93	80.11	70.49	67.64	85.13	83.51	81.30	87.28	68.72
0.6	0.92	0.94	0.95	0.94	66.09	76.33	77.91	67.80	65.16	83.70	83.86	80.55	83.18	64.63
0.8	0.97	0.99	1.00	0.99	63.97	73.72	74.03	64.98	62.56	80.13	80.61	77.77	79.53	62.31
1.0	1.02	1.04	1.05	1.04	62.01	71.45	72.40	63.36	60.75	77.13	78.63	75.86	78.49	60.56
1.5	1.13	1.15	1.16	1.14	58.87	68.26	68.96	60.20	57.58	74.88	75.91	73.04	75.30	57.34
2.0	1.19	1.21	1.23	1.20	56.94	66.23	66.62	58.35	55.45	74.20	73.40	71.50	74.00	55.20
2.5	1.22	1.25	1.26	1.23	55.61	64.76	65.44	57.05	53.87	71.39	72.75	70.05	73.03	53.66
3.0	1.21	1.25	1.26	1.23	54.69	63.78	64.38	56.14	52.75	70.14	70.52	69.07	72.18	52.58
3.5	1.24	1.29	1.31	1.27	54.10	62.93	63.63	55.65	51.93	69.46	69.02	69.03	71.21	51.73
4.0	1.35	1.39	1.41	1.39	53.67	62.43	62.90	55.22	51.22	68.23	67.68	69.79	71.09	50.99
4.5	1.47	1.47	1.49	1.49	53.38	61.73	61.33	55.00	50.55	66.73	66.51	68.91	69.62	50.34
5.0	1.50	1.49	1.51	1.50	53.13	60.51	59.36	54.87	49.82	65.23	65.01	68.56	68.25	49.65
5.5	1.48	1.47	1.49	1.48	53.02	58.83	57.90	54.74	49.07	63.69	63.58	68.18	66.41	48.93
6.0	1.47	1.46	1.49	1.47	52.26	57.32	56.80	54.32	48.37	62.48	62.42	68.17	65.07	48.30
6.5	1.48	1.49	1.51	1.49	51.74	56.06	55.88	53.45	47.69	62.09	61.62	68.10	64.88	47.74
7.0	1.53	1.57	1.58	1.59	51.26	54.98	54.96	52.87	47.21	61.96	61.52	68.81	64.46	47.33
7.5	1.60	1.64	1.64	1.69	50.60	54.22	54.24	52.53	46.95	61.58	61.36	70.15	64.31	47.04
8.0	1.61	1.62	1.62	1.68	49.92	53.30	53.46	51.80	46.62	60.30	60.47	70.47	62.80	46.74
8.5	1.58	1.58	1.58	1.61	49.31	52.54	52.74	50.73	46.17	59.27	59.74	71.07	61.68	46.36
9.0	1.59	1.55	1.56	1.59	48.65	51.80	52.00	49.61	45.70	58.59	59.20	71.82	60.78	45.92
9.5	1.69	1.63	1.63	1.67	47.92	51.34	51.04	48.92	45.41	58.38	59.73	73.37	60.85	45.77
10.0	1.81	1.77	1.75	1.82	47.32	50.95	50.25	48.67	45.58	58.59	60.59	75.11	60.96	45.90
10.5	1.82	1.82	1.79	1.87	47.02	50.39	49.73	48.59	45.72	58.37	60.69	75.79	60.65	46.09
11.0	1.77	1.77	1.75	1.83	46.98	49.66	49.36	48.15	45.65	57.73	60.35	75.71	59.99	46.04
11.5	1.71	1.72	1.71	1.77	46.81	48.92	49.06	47.43	45.50	57.22	59.87	78.64	59.44	45.97
12.0	1.71	1.70	1.69	1.76	46.22	48.12	48.44	46.57	45.48	56.81	59.52	79.79	59.27	46.00
12.5	1.79	1.74	1.73	1.82	45.50	47.63	47.70	46.02	45.64	56.72	59.21	77.47	59.21	46.23
13.0	1.91	1.82	1.82	1.92	45.10	47.35	47.24	45.76	45.92	56.76	58.79	75.38	59.33	46.62
13.5	2.05	1.93	1.93	2.06	44.98	47.23	46.98	45.57	46.54	56.91	58.65	73.55	59.65	47.31
14.0	2.15	2.02	2.02	2.20	45.02	47.12	46.90	45.41	47.37	57.42	58.70	71.80	60.37	48.24
14.5	2.17	2.05	2.05	2.27	44.87	46.83	46.64	45.16	48.09	57.87	58.87	70.80	60.82	48.56
15.0	2.13	2.02	2.01	2.20	44.54	46.53	46.25	44.78	48.40	57.93	58.62	70.17	61.09	48.74
15.5	2.06	1.98	1.97	2.11	44.18	46.14	45.87	44.40	48.64	57.69	58.02	67.90	60.93	48.94
16.0	2.06	1.96	1.96	2.10	43.97	45.87	45.66	44.05	49.31	57.81	57.59	66.25	61.14	49.18
16.5	2.12	1.97	1.99	2.16	43.72	45.68	45.57	43.72	49.58	57.90	57.70	66.21	61.63	49.49
17.0	2.22	2.03	2.05	2.27	43.42	45.55	45.47	43.43	49.95	58.45	58.17	66.90	62.50	49.84
17.5	2.39	2.15	2.16	2.46	43.11	45.49	45.36	43.26	50.32	58.59	58.83	67.56	63.44	50.28
18.0	2.61	2.32	2.31	2.67	43.09	45.51	45.20	43.13	50.86	59.54	60.05	68.63	64.65	50.80
18.5	2.70	2.41	2.42	2.75	43.06	45.55	45.03	43.08	51.49	60.41	61.70	69.49	66.18	50.20
19.0	2.57	2.42	2.40	2.63	43.15	45.57	44.85	42.93	50.68	61.11	63.12	70.51	67.32	49.57
19.5	2.36	2.41	2.33	2.43	43.14	45.54	44.94	42.82	51.20	60.77	62.87	70.79	65.91	50.16
20.0	2.21	2.29	2.22	2.29	42.88	45.57	45.06	42.59	52.59	58.90	60.91	71.41	63.29	51.42
20.5	2.37	2.24	2.22	2.43	42.65	45.67	45.25	42.40	52.52	57.45	59.59	72.02	61.31	51.06
21.0	2.66	2.38	2.36	2.73	42.67	45.61	45.06	42.31	51.35	57.55	59.77	73.54	61.81	50.12
21.5	2.72	2.48	2.48	2.80	42.74	45.48	44.94	42.33	51.15	58.65	60.74	73.83	63.67	50.13
22.0	2.71	2.63	2.67	2.78	43.04	45.57	45.09	42.47	52.37	59.48	61.20	74.45	64.77	51.56
22.5	2.81	2.89	2.91	2.89	43.17	45.90	45.30	42.57	54.87	59.03	60.70	71.78	64.04	53.94
23.0	2.86	2.99	2.96	2.95	43.02	46.10	45.24	42.44	57.47	58.07	60.17	69.29	62.64	56.33
23.5	2.86	3.01	2.94	2.97	42.83	46.00	44.98	42.24	57.65	57.07	59.85	67.67	61.25	57.74
24.0	2.82	2.97	2.92	2.92	42.60	45.74	44.61	42.04	54.93	56.31	59.26	66.34	59.93	54.66
24.5	2.79	2.93	2.93	2.88	42.41	45.71	44.50	41.83	52.84	55.86	58.48	66.97	59.25	52.47
25.0	2.91	3.00	3.04	2.99	42.49	45.86	44.61	41.72	51.84	55.70	57.80	67.47	59.50	51.49
25.5	3.15	3.23	3.29	3.22	42.85	46.03	44.70	41.80	51.45	56.12	57.64	68.69	60.11	50.76
26.0	3.33	3.46	3.48	3.36	43.13	46.16	44.83	41.89	50.41	56.73	57.56	69.02	60.86	49.28
26.5	3.32	3.50	3.50	3.31	43.01	46.16	44.75	41.77	48.93	56.96	57.24	68.08	60.37	47.62
27.0	3.31	3.49	3.52	3.25	42.62	46.14	44.53	41.49	47.88	56.87	56.78	66.98	59.83	46.43
28.0	3.51	3.77	3.83	3.37	42.21	45.72	43.75	40.85	46.18	56.51	55.87	65.22	58.62	44.46
29.0	3.16	3.15	3.15	3.17	41.27	44.08	42.63	39.13	44.11	54.81	53.50	62.25	55.80	42.44
30.0	3.11	2.97	2.99	3.19	41.20	43.21	41.38	39.12	43.76	54.86	52.06	59.53	55.76	41.90

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FREQ	Return Loss								
	RFC	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	22.11	21.97	21.88	21.86	21.91	15.33	15.37	15.37	15.38
0.05	22.09	22.04	22.06	22.02	22.03	15.46	15.49	15.49	15.49
0.1	21.84	21.96	21.94	21.90	21.89	15.55	15.60	15.61	15.61
0.2	21.32	21.52	21.57	21.55	21.49	15.72	15.73	15.73	15.76
0.4	20.56	20.91	21.16	21.14	20.76	15.97	15.92	15.91	16.05
0.6	20.01	20.21	20.72	20.69	19.92	16.20	16.06	16.05	16.34
0.8	19.26	19.73	20.45	20.44	19.32	16.37	16.18	16.15	16.63
1.0	18.57	19.46	20.36	20.30	19.02	16.56	16.31	16.26	16.95
1.5	18.03	18.92	20.21	19.96	18.98	17.40	16.86	16.80	18.02
2.0	19.36	20.09	21.52	21.04	20.73	18.90	17.68	17.68	19.16
2.5	21.60	21.86	23.04	22.31	22.72	19.83	18.31	18.42	19.46
3.0	20.93	22.09	22.17	21.41	22.44	19.26	18.24	18.42	18.69
3.5	18.01	20.80	19.91	19.24	19.87	18.13	17.94	18.22	18.06
4.0	16.10	18.11	17.94	17.45	17.40	17.59	18.15	18.51	18.33
4.5	15.28	16.36	17.24	16.87	16.49	18.15	19.23	19.69	19.77
5.0	15.62	16.22	18.06	17.63	17.27	19.85	21.00	21.56	22.26
5.5	16.79	17.44	20.09	19.42	19.53	22.44	22.26	23.18	24.21
6.0	18.18	19.04	21.43	20.58	21.54	24.73	21.73	23.14	22.95
6.5	17.39	19.13	19.56	19.12	19.89	24.65	20.60	22.37	20.94
7.0	15.18	18.28	17.06	17.17	16.77	23.87	20.35	22.42	20.11
7.5	14.13	18.01	16.74	17.28	15.68	23.74	21.82	24.41	20.98
8.0	15.39	19.44	19.43	20.24	17.53	24.23	26.30	30.60	24.40
8.5	18.31	20.95	22.87	23.31	20.90	24.33	39.16	39.03	33.73
9.0	19.71	18.97	25.12	25.79	22.31	23.55	26.55	26.35	30.80
9.5	15.51	16.12	20.37	20.62	19.24	23.14	21.70	22.81	24.61
10.0	13.27	15.36	16.38	17.03	16.20	23.84	20.25	22.41	23.12
10.5	13.36	17.39	16.78	18.38	16.68	26.32	20.88	24.25	24.28
11.0	15.76	22.23	19.72	22.45	20.01	32.26	23.73	28.10	28.42
11.5	18.98	27.36	22.18	25.76	23.41	35.99	30.35	29.52	39.72
12.0	18.89	24.21	24.41	37.29	23.05	28.17	46.34	26.43	36.02
12.5	17.02	18.87	22.62	24.40	20.17	24.65	30.63	24.64	30.40
13.0	15.43	15.97	19.35	19.36	18.10	23.28	27.05	24.67	29.38
13.5	13.63	15.01	17.79	17.91	16.89	23.32	25.90	25.97	29.57
14.0	12.13	16.18	17.88	18.94	16.18	24.75	25.04	27.97	28.50
14.5	11.93	18.91	19.67	21.50	16.30	27.83	23.78	29.13	25.94
15.0	13.72	20.76	22.83	25.43	18.16	31.70	22.59	28.86	24.15
15.5	16.70	21.09	22.86	26.68	20.70	30.10	22.02	27.76	23.36
16.0	18.30	20.16	23.03	24.63	22.26	27.12	22.63	27.43	24.06
16.5	16.72	19.76	28.25	24.81	22.50	26.36	24.93	28.47	26.79
17.0	15.11	19.21	28.16	24.49	19.37	27.78	31.39	31.48	33.54
17.5	12.56	16.68	19.99	20.68	15.93	28.69	34.53	31.63	29.05
18.0	10.68	14.81	17.26	18.48	14.49	22.48	22.44	25.07	21.92
18.5	9.95	16.37	19.56	20.31	16.05	18.55	17.32	19.86	17.65
19.0	10.92	26.82	21.97	29.09	25.76	16.20	14.65	16.97	15.28
19.5	12.15	24.54	14.83	17.85	21.87	15.68	13.54	15.62	14.30
20.0	15.59	23.31	14.47	16.99	20.05	17.02	14.02	16.15	15.07
20.5	19.17	22.35	19.70	24.74	21.59	21.56	16.74	18.99	18.32
21.0	11.83	17.05	21.07	28.15	16.51	26.08	24.41	23.48	27.75
21.5	10.49	19.94	27.23	35.83	18.47	17.94	22.70	18.94	20.49
22.0	11.47	32.60	20.49	18.10	41.05	13.94	15.62	14.74	14.73
22.5	11.53	17.40	13.60	13.29	17.62	12.30	12.85	12.95	12.45
23.0	11.64	14.47	11.73	12.28	14.09	12.24	12.07	12.87	12.08
23.5	11.26	14.06	11.63	12.85	13.53	13.40	12.58	14.00	13.13
24.0	11.28	15.70	12.75	13.87	14.87	15.23	13.88	15.00	14.90
24.5	13.58	18.29	14.27	14.26	17.22	15.89	14.88	14.71	15.84
25.0	14.59	17.99	14.57	13.71	17.28	14.58	14.88	13.91	15.09
25.5	11.52	15.47	13.61	12.78	15.16	13.43	14.45	13.55	13.92
26.0	9.68	14.03	12.91	12.77	14.07	12.88	14.22	14.05	13.54
26.5	9.68	13.79	12.66	13.15	14.49	12.40	13.78	14.34	13.55
27.0	10.59	13.35	12.24	12.25	15.21	11.51	12.84	12.97	13.28
28.0	8.81	11.83	10.84	10.34	14.42	9.93	10.49	10.04	11.80
29.0	12.85	17.11	18.89	18.84	18.67	12.04	11.12	10.93	12.35
30.0	18.31	23.78	21.85	19.97	19.88	17.27	19.62	20.81	19.48

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.2V, V_{EE} = -3.2V @ Temperature = +25°C

FREQ	Input Power at 1 dB Compression				Input Power at 0.1 dB Compression				Input IIP3			
	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)
(GHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
0.00010	13.46	13.47	13.45	13.27	8.07	9.35	9.49	9.48	24.41	24.54	24.36	24.24
0.00025	13.62	13.43	13.59	13.60	10.68	10.70	10.65	10.65	25.55	25.71	25.25	25.45
0.0005	13.52	13.53	13.49	13.50	10.73	10.75	10.72	10.72	23.13	23.20	23.06	23.16
0.00075	13.50	13.50	13.48	13.48	10.69	10.71	10.68	10.68	23.25	23.25	23.14	23.26
0.001	13.48	13.48	13.46	13.67	10.68	10.69	10.66	10.66	23.35	23.30	23.19	23.38
0.01	19.92	19.51	19.50	20.11	13.83	13.20	13.18	13.81	33.18	31.90	31.91	33.15
0.10	24.70	24.36	24.36	24.36	21.38	21.03	21.03	21.04	44.43	44.58	44.56	44.50
0.25	25.87	25.17	25.17	25.56	22.35	21.83	21.23	22.03	42.33	42.64	44.30	43.54
0.5	26.96	26.34	26.34	26.75	23.25	22.43	22.23	23.02	47.12	47.21	47.49	46.96
0.8	26.76	26.56	26.56	26.77	24.07	22.89	22.89	23.68	46.76	46.29	46.12	46.59
1.0	27.41	27.36	27.36	27.42	24.84	24.00	24.00	25.00	45.72	45.46	45.35	45.60
2.0	28.44	28.41	28.25	28.43	25.69	25.29	25.30	25.69	46.28	46.35	46.39	46.22
4.0	28.44	28.59	28.59	28.44	26.33	25.97	25.78	26.33	45.98	45.38	46.25	45.08
6.0	28.79	28.97	28.97	28.84	26.42	26.19	26.21	26.45	46.20	47.07	46.83	46.47
8.0	28.89	29.13	29.13	29.12	26.38	26.26	26.06	26.24	46.64	46.00	46.06	45.92
10.0	28.96	29.03	29.02	29.21	25.36	25.60	25.37	25.41	45.94	46.41	46.39	45.85
15.0	29.39	29.41	29.58	29.50	25.45	25.23	25.65	25.30	45.52	45.52	45.61	45.02
18.0	27.56	27.25	27.38	27.67	25.11	24.84	24.90	25.13	43.53	44.21	44.62	44.04
21.0	28.70	28.67	28.69	28.73	24.60	25.14	24.95	24.50	43.44	44.72	44.90	44.15
24.0	28.77	28.81	28.82	28.78	25.14	26.50	26.31	25.04	39.81	40.54	40.73	39.80
27.0	28.59	28.51	28.54	28.61	24.70	27.33	27.43	24.78	38.98	39.52	39.82	39.29
30.0	27.38	29.10	29.10	27.23	23.41	26.44	26.43	23.15	38.33	37.24	37.50	38.47

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +25°C

FREQ	Insertion Loss				Isolation									
	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	0.86	0.87	0.86	0.85	78.75	78.48	79.52	80.43	77.87	78.93	80.73	79.47	80.10	80.59
0.25	0.86	0.86	0.85	0.85	80.45	81.10	80.72	80.72	82.11	81.85	82.07	82.42	81.71	81.94
0.5	0.86	0.86	0.85	0.85	80.63	80.74	80.68	80.68	81.85	82.23	81.82	82.23	82.26	81.85
0.75	0.86	0.86	0.85	0.85	80.60	80.63	80.58	80.82	81.74	82.13	82.15	82.14	82.42	81.91
1	0.86	0.86	0.85	0.85	80.66	80.86	80.94	80.64	81.83	82.36	82.45	82.35	82.10	81.71
2	0.85	0.86	0.85	0.85	80.65	80.88	81.02	80.65	81.84	82.16	82.50	82.27	82.21	81.73
3	0.85	0.86	0.85	0.84	80.65	80.89	80.93	80.75	81.73	82.27	82.52	82.32	82.27	81.91
4	0.85	0.86	0.85	0.84	80.45	80.95	80.99	80.67	81.63	82.41	82.46	82.22	82.51	81.46
5	0.84	0.86	0.85	0.84	80.41	80.78	80.94	80.60	81.48	82.33	82.45	82.36	82.27	81.22
6	0.84	0.86	0.85	0.84	80.27	80.74	80.77	80.44	81.25	82.35	82.22	82.12	82.29	81.06
7	0.84	0.85	0.85	0.84	80.18	80.41	80.58	80.20	81.02	82.07	82.32	82.10	82.14	80.89
8	0.84	0.85	0.85	0.84	79.84	80.23	80.48	80.01	80.76	82.13	82.07	81.96	81.83	80.55
9	0.84	0.86	0.85	0.84	79.61	80.15	80.35	79.67	80.51	81.98	81.81	81.61	81.99	80.36
10	0.84	0.86	0.85	0.84	79.21	79.82	80.11	79.53	80.08	81.67	81.70	81.49	81.44	80.02
20	0.84	0.86	0.85	0.84	77.05	77.61	77.89	77.32	77.77	79.61	79.97	79.63	79.64	77.33
30	0.84	0.86	0.85	0.84	75.84	76.36	76.70	76.03	76.51	78.44	78.87	78.34	78.51	75.93
40	0.84	0.86	0.85	0.84	75.22	75.72	75.95	75.34	75.83	77.76	78.51	77.68	77.75	75.03
50	0.84	0.86	0.86	0.85	74.91	75.27	75.74	75.01	75.53	77.45	78.25	77.34	77.44	74.69
60	0.84	0.86	0.86	0.85	74.80	75.17	75.51	74.93	75.22	77.34	78.13	77.20	77.36	74.45
70	0.84	0.86	0.86	0.85	74.57	75.12	75.53	75.03	75.15	77.24	78.22	77.15	77.34	74.35
80	0.84	0.86	0.86	0.85	74.87	75.22	75.54	75.16	75.07	77.33	78.40	77.25	77.36	74.25
90	0.84	0.86	0.86	0.85	74.93	75.15	75.64	75.20	75.20	77.40	78.67	77.26	77.49	74.31
100	0.84	0.87	0.86	0.85	74.99	75.38	75.82	75.46	75.14	77.48	78.93	77.41	77.45	74.42

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +25°C

FREQ	Return Loss								
	RFC	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	20.86	21.22	21.26	22.20	22.20	15.44	15.38	14.96	14.98
0.25	21.52	21.98	22.01	22.98	22.99	15.48	15.43	15.01	15.02
0.5	21.51	21.98	22.02	22.98	22.98	15.48	15.44	15.01	15.02
0.75	21.50	21.98	22.01	22.98	22.98	15.48	15.44	15.01	15.02
1	21.52	21.98	22.04	22.98	22.99	15.48	15.43	15.01	15.03
2	21.53	22.02	22.05	23.01	23.01	15.46	15.45	15.02	15.03
3	21.54	22.02	22.05	23.01	23.01	15.46	15.45	15.02	15.04
4	21.54	22.04	22.05	23.02	23.02	15.46	15.45	15.02	15.04
5	21.54	22.06	22.07	23.03	23.03	15.45	15.45	15.02	15.04
6	21.53	22.09	22.08	23.04	23.04	15.45	15.46	15.02	15.04
7	21.54	22.09	22.09	23.05	23.04	15.45	15.46	15.03	15.04
8	21.53	22.10	22.09	23.05	23.05	15.45	15.46	15.03	15.05
9	21.55	22.10	22.10	23.06	23.06	15.45	15.46	15.04	15.06
10	21.56	22.10	22.10	23.08	23.08	15.45	15.46	15.05	15.06
20	21.57	22.12	22.12	23.09	23.08	15.47	15.48	15.06	15.08
30	21.54	22.09	22.11	23.07	23.05	15.48	15.48	15.07	15.09
40	21.55	22.03	22.08	23.03	23.01	15.50	15.50	15.08	15.10
50	21.52	22.00	22.07	23.01	22.99	15.53	15.52	15.10	15.12
60	21.48	21.94	22.04	22.97	22.94	15.55	15.53	15.12	15.13
70	21.43	21.89	21.99	22.92	22.88	15.57	15.55	15.14	15.16
80	21.37	21.83	21.95	22.88	22.84	15.60	15.57	15.16	15.18
90	21.31	21.78	21.89	22.81	22.77	15.61	15.59	15.18	15.20
100	21.25	21.73	21.82	22.74	22.70	15.63	15.61	15.20	15.22

Typical Performance Data

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +25°C

FREQ	Insertion Loss				Isolation									
	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(GHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	0.83	0.85	0.86	0.84	76.16	73.00	72.65	74.83	77.17	78.78	76.90	78.65	75.22	75.41
0.05	0.84	0.85	0.86	0.84	74.90	74.82	74.35	73.41	76.32	76.29	76.54	76.68	78.88	75.05
0.1	0.84	0.86	0.86	0.85	74.64	75.18	75.77	74.91	76.18	77.40	78.85	76.88	77.16	75.27
0.2	0.85	0.87	0.87	0.86	75.58	78.48	78.00	75.44	73.20	80.68	81.79	79.54	81.08	72.57
0.4	0.88	0.90	0.91	0.90	69.59	78.89	78.26	71.57	67.85	82.45	85.36	82.90	82.44	67.99
0.6	0.92	0.94	0.95	0.94	66.22	77.68	76.08	67.65	64.89	82.50	82.33	81.15	83.16	64.43
0.8	0.96	0.99	0.99	0.99	63.85	73.65	74.79	65.22	62.61	81.12	80.51	78.23	81.20	62.30
1.0	1.01	1.03	1.04	1.03	62.04	72.00	71.31	63.33	60.80	77.44	79.05	75.93	78.93	60.55
1.5	1.13	1.14	1.15	1.14	58.84	68.33	68.86	60.26	57.56	74.95	75.52	73.11	75.90	57.37
2.0	1.19	1.21	1.22	1.20	56.88	66.39	66.68	58.18	55.42	72.84	73.98	71.45	74.76	55.20
2.5	1.21	1.24	1.26	1.23	55.55	64.76	65.30	57.09	53.87	71.26	72.57	70.23	73.26	53.67
3.0	1.21	1.25	1.26	1.23	54.74	64.07	64.18	56.22	52.79	70.16	70.24	69.42	72.41	52.55
3.5	1.24	1.28	1.30	1.27	54.10	63.13	63.53	55.56	51.96	69.69	69.23	69.36	71.97	51.76
4.0	1.35	1.39	1.40	1.39	53.68	62.59	62.95	55.20	51.22	68.04	67.65	69.63	71.32	51.03
4.5	1.46	1.47	1.49	1.48	53.33	61.63	61.31	54.99	50.55	66.72	66.58	69.13	69.72	50.35
5.0	1.50	1.48	1.50	1.50	53.17	60.58	59.35	54.85	49.81	65.34	64.87	68.62	68.27	49.64
5.5	1.48	1.47	1.48	1.47	53.03	58.80	57.74	54.59	49.07	63.82	63.49	68.08	66.50	48.96
6.0	1.46	1.46	1.48	1.47	52.26	57.29	56.66	54.37	48.39	62.58	62.24	68.17	65.13	48.30
6.5	1.47	1.49	1.51	1.49	51.74	55.97	55.83	53.36	47.69	61.95	61.54	68.27	64.61	47.73
7.0	1.52	1.56	1.57	1.58	51.24	54.99	54.97	52.90	47.21	61.92	61.58	68.78	64.54	47.32
7.5	1.59	1.63	1.63	1.68	50.64	54.22	54.17	52.47	46.96	61.43	61.30	69.67	63.93	47.06
8.0	1.61	1.62	1.62	1.68	49.94	53.33	53.40	51.78	46.61	60.44	60.51	70.63	62.80	46.74
8.5	1.57	1.57	1.58	1.61	49.32	52.52	52.75	50.75	46.16	59.28	59.63	70.81	61.56	46.37
9.0	1.58	1.55	1.56	1.59	48.58	51.79	52.01	49.60	45.66	58.54	59.27	72.39	60.95	45.95
9.5	1.69	1.62	1.63	1.67	47.93	51.28	51.04	48.88	45.41	58.41	59.72	73.82	61.02	45.74
10.0	1.80	1.76	1.75	1.81	47.35	50.98	50.27	48.73	45.56	58.66	60.44	74.37	61.03	45.88
10.5	1.81	1.81	1.78	1.87	47.03	50.41	49.72	48.56	45.71	58.30	60.59	75.91	60.66	46.07
11.0	1.76	1.77	1.75	1.82	46.99	49.69	49.37	48.16	45.65	57.79	60.31	75.62	59.99	46.07
11.5	1.70	1.72	1.71	1.76	46.78	48.91	49.06	47.41	45.50	57.21	59.78	78.02	59.51	45.97
12.0	1.70	1.70	1.68	1.75	46.25	48.14	48.41	46.59	45.47	56.83	59.61	78.69	59.23	46.00
12.5	1.78	1.73	1.72	1.81	45.53	47.59	47.69	45.99	45.62	56.70	59.11	76.69	59.17	46.21
13.0	1.91	1.82	1.82	1.92	45.07	47.36	47.22	45.70	45.93	56.70	58.72	74.80	59.27	46.62
13.5	2.05	1.92	1.92	2.05	45.02	47.18	46.96	45.58	46.51	56.85	58.67	73.01	59.63	47.33
14.0	2.14	2.02	2.01	2.20	45.04	47.08	46.86	45.35	47.35	57.20	58.73	71.58	60.19	48.18
14.5	2.16	2.05	2.04	2.26	44.88	46.84	46.63	45.13	48.12	57.76	58.89	70.84	60.76	48.58
15.0	2.12	2.01	2.01	2.20	44.48	46.47	46.22	44.76	48.38	57.95	58.58	69.66	60.95	48.74
15.5	2.05	1.97	1.96	2.11	44.17	46.11	45.81	44.41	48.63	57.68	58.02	67.63	60.83	48.95
16.0	2.05	1.96	1.96	2.09	43.94	45.82	45.65	44.04	49.31	57.76	57.48	66.24	61.05	49.23
16.5	2.11	1.97	1.99	2.15	43.70	45.66	45.55	43.71	49.61	57.92	57.71	65.90	61.54	49.51
17.0	2.21	2.02	2.04	2.27	43.42	45.52	45.47	43.44	49.94	58.34	58.14	66.85	62.63	49.86
17.5	2.38	2.15	2.16	2.46	43.12	45.46	45.31	43.25	50.31	58.55	58.69	67.14	63.37	50.28
18.0	2.60	2.31	2.30	2.67	43.03	45.52	45.20	43.17	50.91	59.52	60.08	68.35	64.64	50.80
18.5	2.69	2.41	2.41	2.75	43.08	45.55	44.99	43.07	51.45	60.21	61.71	69.37	65.97	50.23
19.0	2.56	2.42	2.39	2.62	43.16	45.52	44.88	42.95	50.68	60.94	63.33	70.58	67.12	49.55
19.5	2.35	2.41	2.33	2.43	43.12	45.47	44.94	42.81	51.17	60.74	63.17	70.89	65.90	50.18
20.0	2.20	2.29	2.21	2.29	42.82	45.53	45.08	42.57	52.59	58.97	60.96	71.97	63.11	51.39
20.5	2.36	2.24	2.22	2.42	42.63	45.67	45.25	42.40	52.56	57.48	59.49	72.05	61.32	51.12
21.0	2.65	2.37	2.35	2.72	42.65	45.59	45.02	42.29	51.35	57.44	59.62	73.61	61.65	50.12
21.5	2.71	2.47	2.47	2.80	42.70	45.43	44.89	42.28	51.18	58.47	60.91	74.39	63.56	50.15
22.0	2.70	2.63	2.66	2.78	43.01	45.54	45.07	42.44	52.42	59.50	61.10	74.52	64.84	51.60
22.5	2.80	2.88	2.90	2.88	43.16	45.87	45.26	42.59	54.84	59.05	60.79	71.17	64.05	53.90
23.0	2.85	2.99	2.96	2.95	43.04	46.04	45.22	42.43	57.40	58.16	60.14	69.72	62.63	56.40
23.5	2.85	3.01	2.94	2.97	42.82	45.93	44.94	42.22	57.77	57.12	59.72	67.75	61.08	57.78
24.0	2.81	2.97	2.92	2.91	42.58	45.71	44.56	42.05	54.98	56.34	59.34	66.43	59.86	54.69
24.5	2.78	2.93	2.93	2.88	42.39	45.67	44.44	41.81	52.88	55.84	58.58	66.96	59.36	52.51
25.0	2.90	3.00	3.04	2.99	42.46	45.81	44.56	41.70	51.90	55.68	57.85	67.61	59.44	51.55
25.5	3.14	3.23	3.28	3.22	42.81	46.04	44.70	41.79	51.46	56.15	57.69	68.92	60.04	50.76
26.0	3.32	3.46	3.48	3.36	43.09	46.18	44.83	41.90	50.41	56.80	57.55	68.71	60.70	49.32
26.5	3.31	3.50	3.50	3.31	43.01	46.16	44.70	41.77	48.97	56.93	57.18	68.01	60.37	47.60
27.0	3.31	3.49	3.51	3.25	42.54	46.20	44.44	41.42	47.87	57.03	56.82	66.69	59.79	46.50
28.0	3.50	3.77	3.83	3.37	42.23	45.67	43.75	40.84	46.16	56.67	55.64	65.34	58.25	44.49
29.0	3.14	3.15	3.15	3.17	41.31	44.02	42.66	39.14	44.08	54.85	53.52	62.30	55.85	42.49
30.0	3.10	2.97	2.98	3.18	41.13	43.16	41.36	39.10	43.81	55.07	52.17	59.42	55.81	41.88

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +25°C

FREQ	Return Loss								
	RFC	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	22.17	22.03	21.95	21.92	21.96	15.32	15.37	15.37	15.37
0.05	22.11	22.06	22.08	22.04	22.06	15.46	15.48	15.49	15.49
0.1	21.86	21.99	21.96	21.92	21.91	15.54	15.59	15.60	15.61
0.2	21.34	21.52	21.60	21.58	21.51	15.72	15.73	15.73	15.76
0.4	20.57	20.91	21.18	21.17	20.78	15.96	15.92	15.90	16.04
0.6	20.01	20.22	20.74	20.71	19.93	16.19	16.05	16.05	16.34
0.8	19.26	19.73	20.47	20.45	19.33	16.36	16.17	16.14	16.62
1.0	18.57	19.46	20.37	20.32	19.02	16.56	16.30	16.26	16.95
1.5	18.03	18.92	20.22	19.97	18.99	17.39	16.85	16.80	18.01
2.0	19.37	20.09	21.54	21.06	20.75	18.89	17.68	17.68	19.15
2.5	21.61	21.87	23.07	22.34	22.74	19.82	18.31	18.41	19.45
3.0	20.95	22.10	22.19	21.44	22.46	19.25	18.23	18.42	18.68
3.5	18.02	20.80	19.93	19.26	19.89	18.12	17.93	18.21	18.06
4.0	16.11	18.11	17.95	17.46	17.41	17.59	18.14	18.51	18.33
4.5	15.29	16.36	17.25	16.88	16.50	18.15	19.22	19.69	19.77
5.0	15.63	16.22	18.07	17.65	17.29	19.85	20.99	21.55	22.26
5.5	16.80	17.44	20.10	19.44	19.54	22.43	22.26	23.17	24.20
6.0	18.19	19.05	21.45	20.60	21.57	24.73	21.72	23.13	22.94
6.5	17.41	19.14	19.58	19.14	19.90	24.64	20.59	22.37	20.94
7.0	15.19	18.29	17.08	17.19	16.78	23.86	20.35	22.42	20.10
7.5	14.14	18.02	16.75	17.29	15.69	23.72	21.82	24.41	20.98
8.0	15.40	19.45	19.45	20.26	17.54	24.22	26.31	30.63	24.41
8.5	18.32	20.97	22.89	23.33	20.92	24.32	39.09	39.00	33.75
9.0	19.73	18.99	25.15	25.83	22.34	23.54	26.53	26.32	30.75
9.5	15.52	16.12	20.40	20.65	19.26	23.12	21.69	22.79	24.59
10.0	13.28	15.36	16.40	17.04	16.21	23.84	20.24	22.40	23.11
10.5	13.37	17.40	16.79	18.39	16.69	26.34	20.88	24.26	24.29
11.0	15.77	22.25	19.73	22.47	20.02	32.33	23.74	28.15	28.44
11.5	18.99	27.41	22.20	25.76	23.44	35.90	30.40	29.52	39.85
12.0	18.90	24.22	24.45	37.42	23.08	28.11	46.27	26.39	35.92
12.5	17.03	18.89	22.66	24.45	20.19	24.62	30.59	24.59	30.36
13.0	15.44	15.98	19.37	19.37	18.12	23.27	27.03	24.64	29.36
13.5	13.64	15.01	17.79	17.92	16.90	23.33	25.89	25.97	29.56
14.0	12.14	16.18	17.89	18.96	16.19	24.78	25.05	27.99	28.51
14.5	11.94	18.91	19.69	21.52	16.31	27.88	23.82	29.19	25.96
15.0	13.73	20.77	22.87	25.47	18.17	31.81	22.63	28.93	24.18
15.5	16.70	21.10	22.89	26.73	20.72	30.17	22.06	27.83	23.39
16.0	18.32	20.16	23.05	24.66	22.28	27.17	22.67	27.49	24.10
16.5	16.74	19.75	28.27	24.85	22.53	26.40	24.97	28.54	26.84
17.0	15.12	19.22	28.21	24.52	19.38	27.84	31.44	31.61	33.69
17.5	12.57	16.68	20.00	20.69	15.94	28.77	34.57	31.73	29.11
18.0	10.68	14.81	17.26	18.49	14.49	22.52	22.45	25.11	21.94
18.5	9.96	16.35	19.57	20.31	16.05	18.58	17.34	19.89	17.67
19.0	10.92	26.79	22.00	29.18	25.78	16.22	14.67	16.99	15.30
19.5	12.15	24.51	14.83	17.86	21.86	15.69	13.56	15.65	14.32
20.0	15.58	23.27	14.47	16.99	20.03	17.03	14.03	16.18	15.08
20.5	19.20	22.34	19.68	24.72	21.57	21.58	16.75	19.02	18.33
21.0	11.84	17.04	21.04	28.10	16.51	26.15	24.42	23.54	27.80
21.5	10.50	19.92	27.17	35.74	18.46	17.97	22.77	18.99	20.54
22.0	11.47	32.59	20.51	18.11	40.96	13.96	15.65	14.77	14.75
22.5	11.53	17.39	13.60	13.29	17.62	12.31	12.86	12.96	12.47
23.0	11.63	14.45	11.72	12.27	14.09	12.26	12.08	12.88	12.09
23.5	11.25	14.05	11.62	12.83	13.52	13.41	12.59	14.01	13.14
24.0	11.27	15.67	12.74	13.86	14.85	15.24	13.89	15.03	14.91
24.5	13.56	18.26	14.27	14.25	17.20	15.90	14.91	14.73	15.86
25.0	14.58	17.96	14.56	13.70	17.27	14.60	14.90	13.94	15.11
25.5	11.51	15.45	13.59	12.77	15.15	13.44	14.46	13.57	13.94
26.0	9.67	14.00	12.90	12.76	14.05	12.89	14.23	14.06	13.56
26.5	9.67	13.76	12.65	13.14	14.48	12.41	13.80	14.36	13.56
27.0	10.58	13.32	12.24	12.25	15.19	11.52	12.86	13.00	13.29
28.0	8.79	11.81	10.83	10.32	14.40	9.93	10.50	10.05	11.81
29.0	12.84	17.10	18.84	18.77	18.67	12.02	11.12	10.93	12.34
30.0	18.28	23.79	21.91	20.01	19.93	17.30	19.62	20.83	19.50

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +25°C

FREQ	Input Power at 1 dB Compression				Input Power at 0.1 dB Compression				Input IIP3			
	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)
(GHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
0.00010	13.99	14.01	13.99	13.99	10.36	10.21	10.19	10.18	26.20	26.36	26.13	26.05
0.00025	13.83	13.83	13.81	13.82	10.87	11.08	10.85	11.06	27.38	27.49	27.07	27.28
0.0005	13.94	13.93	13.92	13.92	10.97	10.97	10.95	10.95	24.94	24.97	24.89	24.94
0.00075	13.92	13.92	13.91	13.91	10.94	10.94	10.92	10.92	25.06	25.09	24.95	25.04
0.001	13.91	13.90	13.89	13.89	10.93	10.92	10.91	10.91	25.18	25.14	25.02	25.21
0.01	20.12	19.69	19.49	20.10	14.05	13.61	13.60	14.03	34.16	33.00	32.97	34.08
0.10	24.89	24.74	24.35	24.55	21.58	21.41	21.22	21.22	44.41	44.12	44.16	44.33
0.25	26.06	25.55	25.36	25.75	22.55	22.22	22.03	22.23	43.94	42.42	42.13	42.27
0.5	27.14	26.71	26.16	26.93	23.65	22.62	22.43	23.02	47.23	47.12	47.20	47.16
0.8	26.94	26.92	26.74	26.96	24.07	23.30	22.89	24.08	46.77	46.23	46.17	46.62
1.0	27.42	27.54	27.36	27.60	24.85	24.61	24.00	25.01	45.78	45.62	45.42	45.61
2.0	28.60	28.42	28.42	28.59	25.88	25.48	25.50	25.88	46.38	46.49	46.48	46.25
4.0	28.58	28.73	28.73	28.58	26.51	26.34	26.34	26.51	46.12	45.45	45.50	46.32
6.0	28.94	28.98	28.96	28.83	26.62	26.85	26.62	26.87	46.70	46.61	46.48	46.38
8.0	28.88	29.14	29.12	29.11	26.17	26.27	26.05	26.23	47.48	46.05	46.20	45.96
10.0	28.97	29.05	29.01	29.21	25.14	25.40	25.36	25.61	46.33	46.45	46.60	46.27
15.0	29.40	29.42	29.57	29.49	25.24	25.03	25.42	25.07	45.42	45.54	45.40	45.17
18.0	27.67	27.36	27.47	27.78	25.34	25.05	25.33	25.25	43.91	44.25	44.51	44.00
21.0	28.70	28.67	28.69	28.72	24.74	25.09	25.19	24.39	43.92	44.54	44.79	44.31
24.0	28.76	28.80	28.81	28.77	25.24	26.51	26.52	25.14	39.85	40.57	40.39	40.10
27.0	28.59	28.51	28.54	28.61	24.91	27.52	27.60	25.03	39.21	39.55	39.79	39.55
30.0	27.56	29.10	29.10	27.42	23.72	26.70	26.57	23.54	38.58	37.43	37.42	38.59

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.4V, V_{EE} = -3.4V @ Temperature = +25°C

FREQ	Insertion Loss				Isolation									
	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	0.86	0.87	0.86	0.85	77.41	80.07	80.43	80.94	77.76	81.69	79.55	81.20	79.97	80.95
0.25	0.85	0.86	0.85	0.84	80.62	80.72	81.01	80.82	81.80	82.44	82.03	82.15	82.58	81.64
0.5	0.85	0.86	0.85	0.84	80.72	80.75	80.64	80.23	81.96	82.11	82.34	82.52	82.09	81.31
0.75	0.85	0.86	0.85	0.84	80.55	80.60	81.02	80.87	81.95	82.08	81.90	81.92	81.98	81.24
1	0.85	0.86	0.85	0.84	80.61	80.79	80.82	80.62	81.92	82.17	82.34	82.03	82.37	81.91
2	0.85	0.86	0.85	0.84	80.57	81.00	80.87	80.74	81.73	82.32	82.10	82.52	81.92	81.90
3	0.85	0.86	0.85	0.84	80.70	80.87	80.92	80.74	81.72	82.36	82.14	82.44	82.46	81.66
4	0.84	0.86	0.85	0.84	80.62	80.85	80.96	80.66	81.58	82.33	82.30	82.19	82.38	81.78
5	0.84	0.86	0.85	0.84	80.47	80.74	80.93	80.57	81.34	82.45	82.41	82.35	82.40	81.30
6	0.84	0.85	0.85	0.84	80.21	80.72	80.86	80.52	81.13	82.37	82.34	82.19	82.00	81.02
7	0.84	0.85	0.85	0.84	80.06	80.62	80.65	80.26	81.04	82.02	82.01	82.01	82.13	81.08
8	0.84	0.85	0.85	0.84	79.83	80.31	80.41	80.03	80.74	81.95	82.07	82.04	81.83	80.63
9	0.84	0.85	0.85	0.84	79.62	80.12	80.18	79.78	80.42	81.79	81.93	81.82	81.66	80.13
10	0.84	0.85	0.85	0.84	79.43	79.84	80.10	79.51	80.17	81.58	81.73	81.42	81.78	79.85
20	0.84	0.85	0.85	0.84	77.13	77.74	77.96	77.30	77.95	79.77	80.14	79.57	79.68	77.38
30	0.84	0.86	0.85	0.84	75.83	76.51	76.68	76.02	76.68	78.39	79.02	78.40	78.43	75.87
40	0.84	0.86	0.85	0.84	75.22	75.67	76.04	75.44	75.75	77.84	78.56	77.72	77.70	75.10
50	0.84	0.86	0.85	0.84	74.85	75.35	75.69	75.16	75.35	77.61	78.26	77.30	77.38	74.64
60	0.84	0.86	0.85	0.85	74.82	75.05	75.49	74.99	75.17	77.33	78.16	77.24	77.44	74.41
70	0.84	0.86	0.86	0.85	74.71	75.10	75.51	75.01	75.12	77.15	78.37	77.28	77.35	74.28
80	0.84	0.86	0.86	0.85	74.79	75.12	75.58	75.04	75.15	77.19	78.60	77.14	77.29	74.23
90	0.84	0.86	0.86	0.85	74.91	75.26	75.65	75.21	75.09	77.51	78.66	77.36	77.41	74.30
100	0.84	0.86	0.86	0.85	74.96	75.38	75.81	75.45	75.17	77.53	78.87	77.48	77.51	74.37

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.4V, V_{EE} = -3.4V @ Temperature = +25°C

FREQ	Return Loss								
	RFC	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	20.95	21.34	21.39	22.37	22.33	15.43	15.38	14.96	14.98
0.25	21.59	22.06	22.10	23.07	23.07	15.48	15.43	15.00	15.02
0.5	21.58	22.05	22.10	23.07	23.07	15.48	15.44	15.00	15.02
0.75	21.57	22.05	22.10	23.07	23.07	15.48	15.44	15.00	15.02
1	21.59	22.06	22.12	23.07	23.07	15.47	15.43	15.01	15.02
2	21.59	22.09	22.13	23.10	23.09	15.46	15.45	15.01	15.03
3	21.60	22.09	22.12	23.09	23.08	15.46	15.45	15.02	15.04
4	21.59	22.10	22.12	23.09	23.08	15.45	15.45	15.02	15.04
5	21.58	22.12	22.13	23.10	23.09	15.45	15.45	15.02	15.04
6	21.58	22.14	22.14	23.11	23.10	15.45	15.45	15.02	15.03
7	21.58	22.14	22.14	23.10	23.10	15.45	15.45	15.02	15.04
8	21.57	22.14	22.14	23.11	23.10	15.45	15.45	15.03	15.04
9	21.59	22.15	22.15	23.12	23.11	15.44	15.46	15.04	15.05
10	21.59	22.14	22.15	23.13	23.12	15.44	15.46	15.04	15.06
20	21.59	22.15	22.15	23.12	23.11	15.46	15.48	15.06	15.07
30	21.56	22.11	22.13	23.10	23.08	15.48	15.48	15.07	15.09
40	21.56	22.06	22.10	23.06	23.03	15.50	15.50	15.08	15.10
50	21.53	22.01	22.09	23.04	23.01	15.52	15.52	15.10	15.12
60	21.49	21.96	22.06	22.99	22.96	15.55	15.53	15.11	15.13
70	21.44	21.91	22.01	22.94	22.91	15.57	15.55	15.13	15.15
80	21.38	21.85	21.97	22.90	22.86	15.59	15.57	15.16	15.17
90	21.32	21.80	21.91	22.83	22.79	15.61	15.59	15.17	15.19
100	21.26	21.74	21.84	22.76	22.71	15.62	15.61	15.19	15.21

Typical Performance Data

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.4V, V_{EE} = -3.4V @ Temperature = +25°C

FREQ	Insertion Loss				Isolation									
	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(GHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	0.83	0.85	0.85	0.84	74.98	75.89	76.41	78.38	77.09	74.97	76.48	74.27	75.49	73.30
0.05	0.83	0.85	0.86	0.84	74.13	76.54	74.61	74.83	75.78	76.16	76.55	76.51	75.85	74.37
0.1	0.84	0.86	0.86	0.85	74.39	75.18	75.12	74.35	75.17	76.51	77.84	76.56	78.42	74.81
0.2	0.85	0.87	0.87	0.86	75.22	78.43	77.17	75.79	73.77	79.97	81.01	79.65	79.31	73.73
0.4	0.88	0.90	0.91	0.89	69.87	78.63	78.17	71.02	68.11	83.63	82.45	84.35	83.68	67.97
0.6	0.91	0.94	0.94	0.93	66.35	77.63	77.41	67.53	64.83	84.58	81.50	81.64	82.39	64.93
0.8	0.96	0.99	0.99	0.99	63.74	73.50	74.02	65.24	62.68	80.62	81.63	77.96	81.84	62.42
1.0	1.01	1.03	1.04	1.03	62.21	71.42	71.83	63.48	60.79	78.69	79.24	75.50	77.95	60.55
1.5	1.12	1.14	1.15	1.14	58.95	68.03	68.88	60.26	57.55	75.65	76.07	73.28	76.20	57.36
2.0	1.18	1.21	1.22	1.20	57.06	66.60	66.63	58.31	55.36	73.54	73.92	71.35	74.35	55.18
2.5	1.21	1.24	1.25	1.23	55.65	64.92	65.50	57.00	53.90	71.69	72.48	69.99	73.13	53.65
3.0	1.20	1.24	1.26	1.23	54.77	63.89	64.34	56.23	52.77	70.05	70.53	69.71	72.00	52.59
3.5	1.24	1.28	1.30	1.27	54.14	63.16	63.42	55.59	51.94	69.05	68.90	69.25	72.00	51.72
4.0	1.35	1.38	1.40	1.38	53.75	62.53	62.69	55.31	51.21	67.83	67.85	69.63	71.16	51.00
4.5	1.46	1.47	1.49	1.48	53.39	61.54	61.09	55.03	50.57	66.52	66.49	68.99	69.55	50.32
5.0	1.49	1.48	1.50	1.50	53.20	60.57	59.23	54.89	49.80	65.30	65.04	68.87	68.03	49.64
5.5	1.48	1.46	1.48	1.47	52.99	58.78	57.68	54.70	49.04	63.64	63.42	68.37	66.44	49.00
6.0	1.46	1.46	1.48	1.46	52.21	57.18	56.62	54.25	48.34	62.56	62.18	68.05	65.05	48.29
6.5	1.47	1.48	1.50	1.49	51.69	55.86	55.88	53.41	47.68	61.94	61.41	68.20	64.63	47.72
7.0	1.52	1.56	1.57	1.58	51.22	54.93	54.99	52.88	47.22	61.84	61.49	69.06	64.52	47.30
7.5	1.59	1.63	1.63	1.68	50.58	54.18	54.14	52.42	46.92	61.26	61.12	69.77	64.14	47.02
8.0	1.60	1.62	1.62	1.67	49.95	53.29	53.46	51.72	46.65	60.38	60.51	70.18	62.83	46.75
8.5	1.57	1.57	1.58	1.61	49.29	52.46	52.71	50.69	46.17	59.35	59.51	71.34	61.75	46.36
9.0	1.58	1.55	1.56	1.58	48.62	51.78	51.93	49.61	45.67	58.44	59.28	72.34	60.92	45.90
9.5	1.68	1.62	1.62	1.67	47.92	51.33	51.03	48.88	45.42	58.32	59.77	73.58	60.91	45.76
10.0	1.80	1.76	1.75	1.81	47.32	51.00	50.15	48.70	45.58	58.56	60.39	74.93	61.04	45.88
10.5	1.81	1.81	1.78	1.87	47.06	50.43	49.74	48.58	45.68	58.31	60.69	75.75	60.57	46.05
11.0	1.76	1.77	1.75	1.82	46.95	49.68	49.34	48.15	45.65	57.73	60.20	75.62	59.93	46.06
11.5	1.70	1.72	1.70	1.76	46.80	48.89	49.03	47.43	45.50	57.26	59.77	78.52	59.49	45.99
12.0	1.70	1.70	1.68	1.75	46.23	48.12	48.41	46.58	45.45	56.86	59.49	79.65	59.23	46.01
12.5	1.78	1.73	1.72	1.81	45.50	47.60	47.71	45.99	45.61	56.67	59.11	76.75	59.19	46.22
13.0	1.90	1.82	1.81	1.91	45.08	47.30	47.19	45.69	45.92	56.71	58.84	75.32	59.21	46.62
13.5	2.04	1.92	1.92	2.05	45.00	47.17	46.97	45.55	46.52	56.87	58.50	73.38	59.52	47.31
14.0	2.14	2.02	2.01	2.19	44.98	47.08	46.82	45.40	47.35	57.29	58.65	71.25	60.25	48.21
14.5	2.16	2.05	2.04	2.26	44.87	46.85	46.62	45.11	48.06	57.81	58.82	71.07	60.69	48.58
15.0	2.11	2.01	2.00	2.19	44.51	46.47	46.21	44.75	48.43	57.89	58.45	69.44	61.02	48.75
15.5	2.05	1.97	1.96	2.10	44.18	46.06	45.84	44.38	48.64	57.66	57.97	67.68	60.75	48.96
16.0	2.05	1.96	1.95	2.09	43.94	45.89	45.62	44.03	49.29	57.72	57.55	65.88	60.84	49.19
16.5	2.11	1.97	1.99	2.15	43.70	45.67	45.57	43.71	49.61	57.92	57.55	65.90	61.55	49.49
17.0	2.20	2.02	2.04	2.26	43.37	45.51	45.45	43.45	49.93	58.27	58.03	66.81	62.47	49.83
17.5	2.38	2.15	2.15	2.45	43.12	45.46	45.31	43.24	50.31	58.60	58.77	67.36	63.46	50.25
18.0	2.59	2.31	2.30	2.66	43.01	45.49	45.16	43.14	50.86	59.32	60.14	68.24	64.91	50.81
18.5	2.68	2.40	2.41	2.75	43.06	45.55	45.01	43.04	51.45	60.31	61.79	69.31	65.91	50.22
19.0	2.56	2.41	2.39	2.62	43.10	45.50	44.81	42.95	50.66	61.11	63.13	70.67	67.30	49.60
19.5	2.35	2.40	2.32	2.42	43.13	45.47	44.91	42.81	51.21	60.77	62.79	70.92	65.96	50.20
20.0	2.20	2.29	2.21	2.29	42.80	45.46	45.10	42.59	52.57	58.85	60.81	71.47	63.11	51.36
20.5	2.36	2.24	2.21	2.42	42.62	45.64	45.17	42.37	52.49	57.45	59.50	72.43	61.38	51.09
21.0	2.64	2.37	2.35	2.72	42.65	45.58	45.00	42.27	51.40	57.56	59.70	73.84	61.71	50.10
21.5	2.70	2.47	2.47	2.80	42.73	45.42	44.90	42.30	51.18	58.55	60.80	74.32	63.50	50.11
22.0	2.70	2.62	2.66	2.77	43.01	45.53	45.07	42.42	52.41	59.31	61.16	74.47	64.69	51.53
22.5	2.80	2.88	2.90	2.88	43.11	45.87	45.28	42.54	54.86	59.08	60.65	71.91	63.85	53.91
23.0	2.84	2.98	2.96	2.95	43.00	46.06	45.19	42.42	57.41	58.17	60.05	69.82	62.61	56.31
23.5	2.85	3.00	2.93	2.96	42.78	45.98	44.91	42.22	57.85	57.19	59.74	67.80	61.33	57.86
24.0	2.80	2.97	2.92	2.91	42.57	45.70	44.56	42.06	55.07	56.24	59.21	66.49	59.87	54.69
24.5	2.78	2.92	2.93	2.88	42.39	45.67	44.47	41.82	52.90	55.81	58.62	67.09	59.25	52.58
25.0	2.90	2.99	3.04	2.99	42.45	45.78	44.57	41.68	51.92	55.66	57.88	67.69	59.32	51.58
25.5	3.14	3.23	3.28	3.21	42.82	46.02	44.67	41.80	51.48	56.15	57.61	68.75	60.21	50.82
26.0	3.31	3.46	3.48	3.36	43.09	46.14	44.80	41.91	50.42	56.77	57.55	68.55	60.82	49.30
26.5	3.31	3.50	3.50	3.31	42.98	46.18	44.72	41.74	49.01	57.10	57.24	68.29	60.48	47.66
27.0	3.30	3.49	3.51	3.25	42.55	46.13	44.52	41.41	47.85	56.80	56.73	66.74	59.86	46.44
28.0	3.50	3.77	3.83	3.37	42.16	45.72	43.77	40.79	46.17	56.77	55.88	65.59	58.41	44.51
29.0	3.14	3.15	3.15	3.16	41.37	44.00	42.67	39.07	44.09	54.91	53.59	62.47	55.70	42.47
30.0	3.10	2.97	2.98	3.18	41.10	43.07	41.33	39.11	43.87	54.99	52.19	59.57	55.85	41.92

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.4V, V_{EE} = -3.4V @ Temperature = +25°C

FREQ	Return Loss								
	RF	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	22.21	22.08	22.00	21.98	22.00	15.31	15.36	15.36	15.37
0.05	22.13	22.08	22.11	22.06	22.07	15.45	15.47	15.48	15.49
0.1	21.88	22.01	21.99	21.94	21.93	15.53	15.59	15.60	15.61
0.2	21.36	21.54	21.62	21.60	21.52	15.71	15.72	15.72	15.76
0.4	20.59	20.91	21.20	21.18	20.79	15.96	15.91	15.90	16.04
0.6	20.02	20.23	20.75	20.73	19.94	16.19	16.05	16.04	16.34
0.8	19.27	19.74	20.48	20.46	19.34	16.36	16.17	16.14	16.62
1.0	18.58	19.47	20.38	20.33	19.04	16.55	16.30	16.26	16.95
1.5	18.04	18.93	20.23	19.98	19.00	17.39	16.85	16.79	18.01
2.0	19.38	20.10	21.55	21.07	20.76	18.88	17.67	17.67	19.15
2.5	21.63	21.88	23.09	22.36	22.76	19.81	18.30	18.41	19.45
3.0	20.97	22.11	22.21	21.46	22.48	19.24	18.23	18.42	18.68
3.5	18.03	20.80	19.94	19.28	19.90	18.12	17.93	18.21	18.06
4.0	16.12	18.11	17.97	17.48	17.42	17.58	18.14	18.51	18.32
4.5	15.29	16.36	17.26	16.89	16.51	18.14	19.22	19.69	19.77
5.0	15.63	16.23	18.08	17.66	17.29	19.84	20.99	21.55	22.25
5.5	16.81	17.45	20.12	19.46	19.55	22.43	22.25	23.16	24.19
6.0	18.20	19.06	21.48	20.62	21.59	24.72	21.71	23.13	22.93
6.5	17.42	19.16	19.60	19.16	19.92	24.63	20.59	22.37	20.93
7.0	15.21	18.30	17.09	17.20	16.79	23.85	20.35	22.42	20.10
7.5	14.15	18.03	16.77	17.30	15.70	23.71	21.82	24.41	20.98
8.0	15.41	19.45	19.47	20.28	17.55	24.21	26.32	30.66	24.42
8.5	18.33	20.99	22.91	23.34	20.94	24.31	39.02	38.93	33.78
9.0	19.75	19.01	25.18	25.86	22.36	23.54	26.51	26.29	30.71
9.5	15.53	16.13	20.42	20.68	19.27	23.12	21.68	22.77	24.57
10.0	13.28	15.36	16.41	17.05	16.22	23.85	20.24	22.39	23.10
10.5	13.37	17.41	16.80	18.40	16.70	26.37	20.89	24.27	24.29
11.0	15.78	22.27	19.75	22.49	20.04	32.41	23.76	28.19	28.47
11.5	19.00	27.46	22.21	25.77	23.47	35.81	30.45	29.50	39.99
12.0	18.92	24.25	24.48	37.55	23.11	28.06	46.24	26.34	35.84
12.5	17.05	18.90	22.69	24.48	20.21	24.59	30.55	24.55	30.33
13.0	15.46	15.99	19.39	19.39	18.13	23.27	27.02	24.62	29.36
13.5	13.65	15.01	17.80	17.93	16.91	23.35	25.89	25.96	29.57
14.0	12.15	16.18	17.90	18.97	16.20	24.81	25.07	28.02	28.53
14.5	11.95	18.91	19.71	21.53	16.31	27.94	23.85	29.24	25.99
15.0	13.74	20.77	22.90	25.50	18.18	31.92	22.67	28.99	24.21
15.5	16.71	21.11	22.92	26.78	20.74	30.26	22.10	27.90	23.43
16.0	18.33	20.17	23.07	24.69	22.30	27.23	22.70	27.55	24.15
16.5	16.75	19.76	28.29	24.89	22.55	26.45	25.01	28.62	26.90
17.0	15.14	19.23	28.25	24.56	19.39	27.90	31.50	31.73	33.83
17.5	12.58	16.69	20.01	20.70	15.94	28.85	34.61	31.84	29.16
18.0	10.69	14.81	17.27	18.49	14.49	22.55	22.47	25.14	21.97
18.5	9.96	16.35	19.58	20.31	16.05	18.60	17.36	19.92	17.69
19.0	10.92	26.77	22.02	29.24	25.81	16.24	14.69	17.02	15.32
19.5	12.14	24.50	14.84	17.86	21.86	15.71	13.58	15.67	14.34
20.0	15.57	23.24	14.46	16.99	20.02	17.05	14.05	16.20	15.10
20.5	19.22	22.34	19.66	24.69	21.56	21.61	16.76	19.04	18.34
21.0	11.85	17.04	21.02	28.06	16.51	26.22	24.44	23.61	27.86
21.5	10.50	19.92	27.10	35.66	18.45	18.00	22.83	19.03	20.58
22.0	11.47	32.59	20.52	18.11	40.90	13.98	15.68	14.79	14.78
22.5	11.53	17.38	13.60	13.28	17.62	12.33	12.88	12.98	12.49
23.0	11.63	14.45	11.71	12.26	14.08	12.27	12.10	12.90	12.11
23.5	11.25	14.04	11.61	12.83	13.51	13.42	12.60	14.03	13.15
24.0	11.26	15.65	12.74	13.85	14.84	15.25	13.90	15.05	14.93
24.5	13.55	18.24	14.26	14.25	17.19	15.93	14.93	14.76	15.88
25.0	14.58	17.95	14.55	13.70	17.26	14.63	14.93	13.95	15.13
25.5	11.50	15.44	13.58	12.76	15.14	13.45	14.48	13.58	13.96
26.0	9.67	13.98	12.89	12.75	14.04	12.90	14.25	14.08	13.57
26.5	9.66	13.74	12.64	13.12	14.46	12.42	13.81	14.38	13.57
27.0	10.57	13.31	12.23	12.24	15.17	11.53	12.88	13.02	13.31
28.0	8.78	11.79	10.82	10.31	14.38	9.94	10.50	10.06	11.82
29.0	12.83	17.09	18.78	18.72	18.67	12.01	11.12	10.92	12.34
30.0	18.24	23.82	21.96	20.05	19.96	17.32	19.63	20.85	19.52

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.4V, V_{EE} = -3.4V @ Temperature = +25°C

FREQ	Input Power at 1 dB Compression				Input Power at 0.1 dB Compression				Input IIP3			
	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)
(GHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
0.00010	14.69	14.68	14.67	14.51	10.89	10.90	10.71	10.88	27.81	28.07	27.82	27.67
0.00025	14.24	14.23	14.22	14.23	11.30	11.29	11.28	11.28	28.96	29.09	28.82	28.75
0.0005	14.33	14.32	14.31	14.32	11.41	11.39	11.38	11.39	26.77	26.85	26.74	26.80
0.00075	14.32	14.31	14.30	14.31	11.38	11.36	11.35	11.36	26.91	26.94	26.82	26.91
0.001	14.30	14.29	14.29	14.29	11.36	11.35	11.34	11.34	27.05	27.01	26.90	27.07
0.01	20.31	19.69	19.68	20.30	14.42	13.82	13.81	14.60	35.13	34.10	34.07	35.05
0.10	25.09	24.94	24.74	24.94	21.78	21.61	21.42	21.42	44.55	44.11	44.10	44.40
0.25	26.25	25.74	25.55	26.13	22.75	22.42	22.23	22.62	42.72	41.89	41.92	42.24
0.5	27.33	26.90	26.53	27.12	23.85	23.02	22.82	23.41	47.29	47.00	46.91	46.82
0.8	27.13	27.11	26.93	27.14	24.27	23.50	23.30	24.28	46.73	46.32	46.28	46.75
1.0	27.59	27.70	27.54	27.61	25.24	24.80	24.01	25.21	45.84	45.53	45.51	45.70
2.0	28.61	28.59	28.58	28.60	26.07	25.68	25.69	26.07	46.56	46.63	46.41	46.55
4.0	28.58	28.86	28.87	28.72	26.69	26.52	26.34	26.69	45.81	45.65	45.87	45.84
6.0	28.94	28.99	29.12	28.99	26.84	26.65	26.82	27.06	46.37	46.88	46.55	46.52
8.0	29.03	29.29	29.26	29.25	26.38	26.28	26.03	26.22	46.65	47.02	47.02	46.70
10.0	28.97	29.05	29.18	29.20	25.14	25.41	25.35	25.39	46.40	46.70	46.31	46.31
15.0	29.40	29.43	29.56	29.65	25.03	25.03	25.41	25.28	45.56	45.47	45.73	45.33
18.0	27.77	27.44	27.56	27.84	25.54	25.33	25.38	25.43	43.89	44.41	44.88	44.24
21.0	28.69	28.69	28.69	28.72	24.79	25.18	24.91	24.60	44.00	44.71	44.91	44.56
24.0	28.76	28.82	28.82	28.77	25.41	26.62	26.65	25.22	40.09	40.65	40.49	40.23
27.0	28.59	28.52	28.53	28.61	25.13	27.64	27.78	25.19	39.36	39.61	39.64	39.77
30.0	27.74	29.10	29.10	27.59	23.89	26.87	26.87	23.86	38.83	37.24	36.86	38.87

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = -40°C

FREQ	Insertion Loss				Isolation									
	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	0.82	0.81	0.81	0.79	78.24	79.06	79.02	77.26	81.27	80.11	80.18	80.47	82.34	80.16
0.25	0.81	0.81	0.80	0.79	79.73	79.45	79.55	79.42	80.49	80.59	80.93	80.77	80.71	81.04
0.5	0.81	0.80	0.80	0.79	79.58	79.46	79.76	79.49	80.77	81.05	80.83	81.02	80.96	80.97
0.75	0.81	0.81	0.80	0.79	79.46	79.85	79.71	79.57	80.70	81.05	80.93	80.86	81.33	80.95
1	0.81	0.81	0.80	0.79	79.40	79.75	79.87	79.67	80.59	81.12	81.06	80.67	81.08	80.77
2	0.80	0.80	0.79	0.79	79.65	79.76	79.87	79.50	80.79	80.98	81.02	81.01	81.15	81.11
3	0.80	0.80	0.79	0.78	79.63	79.74	79.95	79.59	80.75	81.13	81.02	81.13	81.17	80.94
4	0.80	0.80	0.79	0.78	79.70	79.92	79.95	79.66	80.77	81.26	81.18	81.27	81.21	80.99
5	0.80	0.80	0.79	0.78	79.67	79.98	79.93	79.40	80.75	81.35	81.29	81.29	81.41	80.80
6	0.80	0.80	0.79	0.78	79.46	79.89	79.93	79.47	80.68	81.27	81.28	81.22	81.24	80.58
7	0.80	0.80	0.79	0.78	79.33	79.72	79.88	79.44	80.39	81.18	81.16	81.19	81.33	80.70
8	0.80	0.80	0.79	0.78	79.31	79.74	79.83	79.13	80.27	81.18	81.11	81.13	81.15	80.45
9	0.80	0.80	0.79	0.79	79.02	79.51	79.49	79.09	80.10	81.08	81.19	80.87	81.15	80.23
10	0.80	0.80	0.79	0.78	78.91	79.30	79.44	78.71	79.90	80.86	80.86	80.77	80.85	79.98
20	0.80	0.81	0.80	0.79	76.58	77.21	77.51	76.63	77.43	79.01	79.20	78.81	79.09	77.10
30	0.80	0.81	0.80	0.79	75.16	75.77	75.94	75.28	75.88	77.56	78.06	77.41	77.67	75.26
40	0.80	0.81	0.80	0.79	74.29	74.75	75.08	74.42	74.98	76.77	77.24	76.63	76.78	74.33
50	0.80	0.81	0.80	0.79	73.85	74.22	74.59	73.92	74.39	76.24	76.95	76.08	76.18	73.68
60	0.80	0.82	0.80	0.80	73.52	73.98	74.24	73.69	74.23	75.90	76.69	75.80	75.95	73.33
70	0.80	0.82	0.81	0.80	73.46	73.74	74.02	73.75	73.86	75.77	76.56	75.65	75.79	73.18
80	0.80	0.82	0.81	0.80	73.48	73.72	74.06	73.70	73.88	75.57	76.64	75.61	75.71	73.02
90	0.80	0.82	0.81	0.80	73.51	73.67	73.99	73.75	73.73	75.58	76.69	75.54	75.65	72.97
100	0.81	0.82	0.81	0.80	73.66	73.71	74.06	73.81	73.88	75.74	76.89	75.48	75.76	72.94

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = -40°C

FREQ	Return Loss								
	RFC	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	21.27	21.59	21.66	22.62	22.62	15.45	15.36	14.94	14.99
0.25	22.08	22.51	22.59	23.65	23.63	15.49	15.41	14.97	15.02
0.5	22.07	22.51	22.59	23.65	23.63	15.49	15.41	14.97	15.02
0.75	22.07	22.51	22.59	23.65	23.63	15.49	15.41	14.97	15.02
1	22.09	22.52	22.62	23.66	23.65	15.48	15.39	14.97	15.02
2	22.16	22.62	22.69	23.74	23.73	15.46	15.40	14.97	15.02
3	22.22	22.66	22.72	23.78	23.77	15.45	15.40	14.97	15.02
4	22.23	22.70	22.75	23.82	23.82	15.46	15.41	14.98	15.03
5	22.25	22.74	22.78	23.86	23.86	15.46	15.41	14.98	15.03
6	22.27	22.80	22.82	23.90	23.89	15.46	15.42	14.98	15.03
7	22.30	22.82	22.86	23.94	23.93	15.47	15.42	14.99	15.04
8	22.31	22.85	22.88	23.97	23.96	15.47	15.42	14.99	15.04
9	22.35	22.88	22.91	24.02	24.00	15.46	15.43	15.00	15.05
10	22.37	22.89	22.95	24.06	24.04	15.47	15.43	15.01	15.06
20	22.48	23.00	23.10	24.21	24.12	15.50	15.45	15.03	15.09
30	22.48	22.99	23.13	24.21	24.09	15.52	15.47	15.06	15.11
40	22.49	22.93	23.12	24.16	24.02	15.55	15.50	15.09	15.14
50	22.46	22.88	23.12	24.13	23.98	15.59	15.52	15.13	15.18
60	22.41	22.82	23.09	24.07	23.92	15.62	15.54	15.15	15.20
70	22.34	22.75	23.06	24.03	23.87	15.65	15.56	15.17	15.22
80	22.25	22.69	23.04	24.01	23.85	15.68	15.58	15.19	15.24
90	22.17	22.64	22.98	23.97	23.81	15.70	15.60	15.20	15.25
100	22.09	22.57	22.93	23.93	23.76	15.72	15.61	15.21	15.25

Typical Performance Data

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = -40°C

FREQ	Insertion Loss				Isolation									
	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(GHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	0.78	0.79	0.79	0.79	72.45	77.62	75.24	75.48	75.82	73.83	73.18	73.82	74.48	76.19
0.05	0.78	0.80	0.80	0.79	73.28	74.06	73.17	73.88	74.42	75.94	77.67	75.15	75.38	73.58
0.1	0.79	0.80	0.80	0.80	72.69	73.20	72.62	73.32	75.02	76.54	75.23	74.89	76.86	72.21
0.2	0.79	0.81	0.81	0.81	74.78	75.45	74.47	74.59	73.36	76.96	79.60	77.13	77.07	73.47
0.4	0.82	0.84	0.84	0.83	71.92	77.28	78.37	71.20	68.01	80.83	79.90	81.69	80.42	67.64
0.6	0.85	0.87	0.87	0.87	66.90	77.88	77.62	68.20	64.91	82.43	82.26	82.72	83.37	64.58
0.8	0.89	0.91	0.91	0.91	64.17	74.71	75.62	65.48	62.68	81.33	81.21	78.69	82.04	62.41
1.0	0.93	0.95	0.95	0.95	62.21	72.42	72.80	63.59	60.72	79.71	79.37	77.46	80.29	60.59
1.5	1.04	1.05	1.05	1.05	59.03	69.06	69.45	60.44	57.60	76.35	76.14	73.68	75.81	57.38
2.0	1.09	1.12	1.11	1.10	57.15	66.56	67.27	58.42	55.52	73.70	73.69	72.23	75.57	55.16
2.5	1.11	1.15	1.14	1.13	55.78	65.14	65.91	57.19	53.87	70.98	71.82	70.79	74.30	53.67
3.0	1.11	1.16	1.15	1.13	54.80	64.40	64.27	56.44	52.71	70.04	70.15	69.56	73.20	52.53
3.5	1.14	1.20	1.20	1.18	54.19	62.99	63.08	55.77	51.87	68.66	68.95	69.48	72.33	51.69
4.0	1.25	1.30	1.30	1.29	53.76	62.12	62.17	55.38	51.15	67.39	67.48	69.88	70.72	50.90
4.5	1.35	1.37	1.36	1.37	53.54	61.23	60.72	55.19	50.52	66.06	65.79	68.85	68.58	50.27
5.0	1.38	1.38	1.38	1.39	53.25	59.97	58.76	55.00	49.78	64.61	64.28	68.45	67.33	49.57
5.5	1.37	1.37	1.37	1.37	52.99	58.29	57.33	54.88	48.95	63.32	62.84	67.92	65.96	48.85
6.0	1.36	1.37	1.36	1.37	52.19	56.73	56.33	54.09	48.25	62.23	61.72	68.16	64.54	48.19
6.5	1.37	1.39	1.38	1.40	51.57	55.73	55.39	53.17	47.54	61.64	61.19	68.17	64.13	47.59
7.0	1.41	1.47	1.45	1.49	51.20	54.58	54.59	52.59	47.08	61.51	61.03	68.56	64.03	47.17
7.5	1.47	1.53	1.51	1.58	50.42	53.67	53.84	52.31	46.71	60.68	60.69	69.70	63.47	46.81
8.0	1.49	1.51	1.49	1.58	49.74	52.99	53.14	51.65	46.44	59.98	60.06	69.80	62.48	46.54
8.5	1.44	1.45	1.43	1.51	49.11	52.10	52.49	50.58	46.00	58.95	59.09	70.56	60.97	46.18
9.0	1.43	1.41	1.39	1.48	48.43	51.43	51.62	49.27	45.42	57.89	58.73	71.71	60.34	45.72
9.5	1.52	1.47	1.44	1.54	47.68	50.92	50.59	48.52	45.11	57.81	58.89	72.46	60.27	45.43
10.0	1.63	1.62	1.57	1.69	47.11	50.52	49.80	48.28	45.24	57.86	59.65	73.83	60.32	45.58
10.5	1.66	1.67	1.61	1.78	46.81	50.05	49.31	48.27	45.42	57.79	60.22	74.70	60.07	45.82
11.0	1.59	1.60	1.55	1.70	46.73	49.44	49.08	47.93	45.35	57.23	59.67	74.53	59.46	45.80
11.5	1.52	1.54	1.49	1.62	46.63	48.66	48.81	47.10	45.20	56.89	59.26	77.79	58.68	45.65
12.0	1.49	1.51	1.46	1.59	46.14	47.77	48.19	46.34	45.07	56.28	58.83	77.04	58.74	45.61
12.5	1.57	1.54	1.50	1.65	45.27	47.24	47.41	45.78	45.25	56.24	58.47	76.31	58.63	45.86
13.0	1.69	1.61	1.57	1.72	44.78	47.02	46.81	45.52	45.51	56.02	58.18	73.75	58.30	46.22
13.5	1.81	1.70	1.65	1.82	44.68	46.81	46.60	45.24	45.98	55.89	57.82	71.74	58.53	46.77
14.0	1.92	1.82	1.76	1.98	44.73	46.72	46.53	44.93	46.84	56.32	57.82	70.67	59.21	47.74
14.5	1.97	1.88	1.84	2.10	44.65	46.50	46.34	44.83	47.68	57.01	58.16	70.16	59.89	48.23
15.0	1.94	1.83	1.79	2.04	44.24	46.20	45.97	44.51	48.11	57.44	58.13	69.27	60.51	48.39
15.5	1.82	1.76	1.70	1.88	43.96	45.86	45.47	44.17	48.12	57.01	57.40	67.04	60.17	48.59
16.0	1.77	1.72	1.66	1.81	43.72	45.57	45.26	43.80	48.65	56.96	56.70	65.26	60.16	48.79
16.5	1.81	1.70	1.68	1.85	43.47	45.35	45.23	43.44	49.20	56.82	56.83	64.79	60.28	49.07
17.0	1.94	1.75	1.74	1.99	43.13	45.12	45.10	43.14	49.41	57.36	57.16	65.20	61.19	49.42
17.5	2.10	1.84	1.81	2.15	42.79	45.06	44.97	42.89	49.74	57.62	57.89	65.91	61.77	49.83
18.0	2.26	1.98	1.92	2.31	42.71	45.01	44.76	42.74	50.36	58.40	58.88	66.98	63.27	50.24
18.5	2.37	2.11	2.06	2.43	42.72	45.16	44.52	42.73	50.96	59.05	60.14	68.32	64.19	50.12
19.0	2.27	2.11	2.07	2.32	42.74	45.11	44.34	42.55	50.40	59.88	61.67	69.63	65.68	49.29
19.5	2.03	2.09	1.97	2.09	42.81	45.09	44.52	42.44	50.56	60.30	62.29	69.67	65.60	49.54
20.0	1.85	2.00	1.86	1.92	42.48	45.05	44.64	42.22	51.87	58.51	60.00	70.03	62.89	50.73
20.5	1.96	1.92	1.84	2.01	42.25	45.22	44.74	41.98	52.53	56.71	58.24	70.82	60.88	50.97
21.0	2.26	2.00	1.94	2.31	42.19	45.23	44.67	41.89	51.27	56.71	58.21	70.53	60.20	49.86
21.5	2.35	2.06	2.01	2.41	42.29	45.08	44.38	41.83	50.57	57.85	59.54	71.16	62.58	49.48
22.0	2.34	2.23	2.22	2.41	42.64	45.05	44.56	42.03	51.54	58.38	60.30	71.39	63.86	50.59
22.5	2.48	2.54	2.52	2.54	42.84	45.35	44.83	42.26	53.84	58.47	59.76	69.86	63.63	53.02
23.0	2.49	2.61	2.53	2.54	42.73	45.56	44.76	42.08	56.79	57.43	59.30	67.91	61.72	55.69
23.5	2.47	2.62	2.50	2.55	42.43	45.52	44.49	41.84	57.24	56.29	58.68	66.09	60.54	57.18
24.0	2.50	2.70	2.59	2.61	42.30	45.35	44.14	41.73	55.22	55.78	58.86	64.99	59.68	54.78
24.5	2.49	2.70	2.63	2.59	42.07	45.38	44.09	41.55	52.73	55.50	58.04	66.01	59.03	52.68
25.0	2.52	2.65	2.62	2.59	42.02	45.24	44.02	41.30	51.38	54.95	57.32	66.80	58.54	50.99
25.5	2.63	2.70	2.69	2.68	42.21	45.44	44.11	41.24	50.64	55.19	56.94	67.42	58.94	50.05
26.0	2.80	2.92	2.91	2.86	42.56	45.56	44.26	41.34	49.93	55.68	56.71	67.91	59.89	49.07
26.5	2.91	3.11	3.07	2.94	42.63	45.82	44.43	41.39	48.78	56.11	57.14	67.35	59.91	47.56
27.0	2.94	3.12	3.07	2.86	42.33	45.86	43.96	41.13	47.51	56.16	56.85	66.30	59.16	46.18
28.0	3.14	3.40	3.37	2.91	41.79	45.42	43.25	40.44	45.91	55.76	55.28	65.10	57.69	44.13
29.0	2.66	2.81	2.77	2.67	40.80	43.64	42.22	38.75	43.44	54.06	53.14	62.20	55.12	41.87
30.0	2.66	2.54	2.48	2.74	40.57	42.78	40.79	38.61	43.13	53.65	51.52	58.50	54.69	41.27

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = -40°C

FREQ	Return Loss								
	RFC	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	22.99	22.79	22.76	22.74	22.77	15.35	15.35	15.35	15.36
0.05	23.10	22.94	23.14	23.15	23.07	15.52	15.47	15.46	15.48
0.1	22.76	22.90	23.01	23.02	22.89	15.62	15.61	15.61	15.64
0.2	22.14	22.35	22.56	22.50	22.35	15.82	15.77	15.78	15.82
0.4	21.42	21.81	22.14	22.13	21.67	15.94	15.84	15.83	15.98
0.6	20.79	21.11	21.63	21.52	20.72	16.05	15.94	15.94	16.19
0.8	19.92	20.53	21.32	21.25	20.02	16.15	15.97	15.94	16.43
1.0	19.05	20.08	21.09	20.93	19.56	16.33	16.03	16.02	16.68
1.5	18.15	19.01	20.30	20.02	19.09	17.08	16.49	16.47	17.69
2.0	19.66	20.31	21.56	21.14	20.92	18.48	17.33	17.38	18.89
2.5	22.31	22.46	23.39	22.76	23.43	19.36	17.92	18.07	19.16
3.0	21.42	22.47	22.30	21.66	23.08	18.86	17.81	17.90	18.17
3.5	18.00	20.36	19.69	19.05	19.68	17.92	17.64	17.74	17.55
4.0	15.94	17.76	17.80	17.26	17.00	17.54	18.05	18.23	18.00
4.5	15.43	16.54	17.48	17.01	16.46	18.32	19.23	19.58	19.72
5.0	15.99	16.60	18.48	17.77	17.56	19.96	20.86	21.42	22.45
5.5	17.04	17.77	20.30	19.51	20.03	21.94	21.69	22.91	23.94
6.0	18.02	18.93	21.46	20.97	21.75	23.44	20.98	22.69	21.93
6.5	17.39	18.93	19.53	19.61	19.58	23.57	19.81	21.54	20.00
7.0	15.28	17.99	16.76	17.05	16.36	23.34	19.45	21.17	19.31
7.5	14.06	17.56	16.06	16.56	15.27	23.17	20.64	22.68	20.23
8.0	15.12	18.67	18.70	19.35	16.97	23.70	24.74	27.35	23.35
8.5	17.77	20.55	23.53	23.81	21.44	24.01	40.79	41.73	33.18
9.0	20.19	19.57	27.28	26.95	23.19	23.88	26.06	26.39	29.92
9.5	16.02	16.59	20.71	21.26	19.22	23.25	20.75	21.99	23.89
10.0	13.22	15.08	15.61	16.31	15.72	23.33	19.22	21.22	22.40
10.5	12.74	16.11	15.75	17.23	15.88	24.71	19.85	22.72	23.25
11.0	15.21	20.01	19.24	22.55	19.44	28.75	22.59	27.11	27.53
11.5	18.62	25.20	22.34	27.22	22.70	42.28	28.40	31.51	34.53
12.0	18.99	24.30	23.31	34.84	21.31	30.64	35.63	27.82	31.35
12.5	16.89	19.17	22.01	23.63	19.07	25.50	31.76	26.02	29.54
13.0	15.49	16.15	20.37	20.54	18.74	23.61	29.77	26.94	32.59
13.5	13.92	15.04	18.82	19.16	17.78	23.79	28.31	28.97	33.08
14.0	11.97	15.29	16.85	17.95	15.35	25.27	24.52	27.79	26.85
14.5	11.00	16.34	16.76	17.72	14.20	27.06	21.35	24.90	22.80
15.0	12.32	18.06	19.94	21.21	15.89	26.50	19.67	23.31	20.92
15.5	15.98	20.79	21.69	25.80	20.31	25.20	19.48	23.18	20.62
16.0	19.47	21.52	21.85	25.62	23.96	25.42	20.85	25.66	22.68
16.5	16.98	20.39	28.76	26.72	22.41	26.69	24.11	31.76	27.51
17.0	14.29	18.22	27.11	22.39	17.92	30.28	31.28	34.25	35.24
17.5	12.26	15.64	19.79	19.77	15.31	27.91	35.12	28.01	27.14
18.0	10.91	14.30	17.04	18.59	14.26	22.13	23.03	24.53	21.84
18.5	9.94	15.13	17.93	19.34	15.19	18.46	17.57	20.27	17.66
19.0	10.44	21.65	23.58	29.32	21.29	16.02	14.47	17.22	15.25
19.5	11.66	27.95	15.12	19.16	25.07	14.95	12.89	15.34	13.92
20.0	12.92	21.03	13.10	15.54	18.77	15.50	13.00	15.17	14.07
20.5	24.80	24.02	17.50	21.24	22.00	18.72	15.22	17.48	16.73
21.0	12.11	16.41	20.68	27.42	16.36	27.10	21.81	22.65	24.48
21.5	9.79	16.65	22.82	30.94	16.40	19.09	24.14	19.42	21.40
22.0	10.45	38.15	22.43	19.06	30.38	13.77	15.97	14.63	14.74
22.5	10.66	17.37	13.91	13.07	17.98	11.76	13.01	12.65	12.29
23.0	11.54	14.09	11.94	12.17	14.29	11.69	12.14	12.60	11.86
23.5	11.87	14.12	11.71	12.72	13.59	13.10	12.35	13.60	12.62
24.0	10.51	15.35	11.82	13.03	13.96	14.61	12.86	14.20	13.84
24.5	10.93	16.49	12.27	12.80	15.28	14.36	13.12	13.59	14.49
25.0	13.27	15.67	13.21	12.87	15.89	13.19	13.63	13.13	14.30
25.5	12.85	14.83	13.71	12.87	15.25	13.16	14.30	13.29	13.80
26.0	10.22	14.71	13.38	12.67	14.08	13.58	14.56	13.77	13.25
26.5	8.80	14.29	12.35	12.33	13.51	12.74	13.67	13.70	12.94
27.0	8.74	12.31	11.55	11.50	13.76	10.72	12.44	12.44	12.51
28.0	8.79	10.67	10.10	9.88	13.91	9.01	10.01	9.83	11.37
29.0	11.21	17.08	15.59	15.54	17.63	11.54	9.85	9.78	11.24
30.0	21.89	22.37	22.89	21.47	18.23	15.14	18.19	19.10	18.18

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = -40°C

FREQ	Input Power at 1 dB Compression				Input Power at 0.1 dB Compression				Input IIP3			
	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)
(GHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
0.00010	12.64	12.60	12.62	12.63	8.86	8.48	8.67	8.69	21.28	21.07	21.37	21.24
0.00025	13.39	13.40	13.40	13.41	10.64	10.65	10.65	10.66	22.27	22.00	22.35	22.24
0.0005	13.10	13.30	13.11	13.12	10.32	10.33	10.33	10.34	20.48	20.44	20.44	20.42
0.00075	13.08	13.09	13.09	13.10	10.28	10.30	10.30	10.50	20.62	20.58	20.60	20.59
0.001	13.06	13.07	13.07	13.08	10.27	10.48	10.48	10.48	20.46	20.40	20.42	20.43
0.01	18.30	17.50	17.51	18.72	11.67	11.42	11.43	12.45	30.70	28.74	28.72	30.61
0.10	25.15	24.76	24.75	25.15	21.84	21.63	21.63	21.84	48.19	46.88	47.39	48.69
0.25	25.96	25.38	25.38	25.97	22.65	22.25	22.25	22.85	42.84	41.01	41.41	42.94
0.5	27.03	26.55	26.54	27.04	23.64	22.86	22.86	23.65	49.43	48.31	48.18	49.19
0.8	27.13	26.71	26.71	27.14	24.30	23.30	23.30	24.29	47.57	47.44	47.43	47.51
1.0	27.45	27.36	27.20	27.47	25.23	24.62	24.44	25.23	46.19	46.15	46.08	46.02
2.0	28.04	27.84	27.84	28.19	26.07	25.67	25.67	26.25	46.53	46.90	46.90	46.35
4.0	28.30	28.45	28.60	28.59	26.51	26.32	26.32	26.86	46.39	46.09	45.30	45.41
6.0	28.40	28.50	28.35	28.38	26.63	26.74	26.57	26.60	45.95	46.41	46.51	46.21
8.0	28.40	28.38	28.09	28.38	26.17	26.15	26.00	25.96	47.81	47.48	45.68	47.05
10.0	27.52	28.05	27.70	27.71	24.96	25.53	25.37	25.16	46.72	47.06	47.59	47.24
15.0	27.98	27.85	27.92	27.77	24.83	24.91	25.41	25.03	44.70	45.35	45.36	45.26
18.0	27.00	26.87	27.15	27.35	25.94	25.67	25.51	26.01	43.46	42.23	44.88	44.04
21.0	28.61	28.66	28.65	28.67	24.85	25.23	25.13	24.72	43.13	43.62	44.80	44.17
24.0	28.79	28.81	28.80	28.78	25.81	26.98	26.60	25.54	38.91	38.00	40.32	40.00
27.0	28.67	28.56	28.60	28.64	26.05	27.88	27.93	26.01	38.00	36.77	39.07	39.52
30.0	28.07	29.03	29.02	28.13	24.75	27.43	27.30	24.82	37.65	36.26	36.28	38.24

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +85°C

FREQ	Insertion Loss				Isolation									
	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RFC - RF-OUT 1	RFC - RF-OUT 2	RFC - RF-OUT 3	RFC - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	0.94	0.95	0.95	0.93	80.07	79.72	80.70	78.38	78.49	82.09	79.44	80.83	84.00	80.50
0.25	0.93	0.94	0.94	0.92	80.73	81.28	80.91	80.55	81.75	82.79	82.34	81.90	82.45	82.42
0.5	0.93	0.94	0.94	0.92	80.79	80.96	80.95	81.10	82.02	82.90	82.69	82.52	82.41	81.75
0.75	0.93	0.94	0.94	0.92	80.89	80.87	80.86	80.89	82.41	82.26	82.62	82.48	82.47	81.48
1	0.93	0.94	0.93	0.92	80.84	81.04	81.02	80.88	81.87	82.83	82.88	82.50	82.42	81.99
2	0.93	0.94	0.93	0.92	80.85	81.12	80.83	80.77	81.97	82.48	82.38	82.70	82.59	82.06
3	0.92	0.94	0.93	0.92	80.81	80.92	81.03	80.91	82.07	82.48	82.75	82.60	82.86	81.76
4	0.92	0.94	0.93	0.92	80.77	80.88	81.06	80.78	81.84	82.67	82.65	82.48	82.76	81.77
5	0.92	0.94	0.93	0.92	80.54	80.78	80.90	80.75	81.59	82.69	82.46	82.37	82.48	81.50
6	0.92	0.93	0.93	0.92	80.41	80.67	80.79	80.51	81.35	82.35	82.55	82.38	82.28	81.27
7	0.92	0.93	0.93	0.92	80.04	80.67	80.67	80.33	81.34	82.19	82.41	82.19	82.18	80.98
8	0.92	0.93	0.93	0.92	79.86	80.24	80.35	80.07	80.90	81.97	82.13	82.11	82.16	80.64
9	0.92	0.93	0.93	0.92	79.62	79.99	80.27	79.86	80.61	81.87	82.23	81.65	81.81	80.40
10	0.92	0.93	0.93	0.92	79.28	79.68	80.01	79.53	80.28	81.72	81.96	81.65	81.66	80.02
20	0.91	0.93	0.93	0.92	77.28	77.79	78.12	77.55	78.15	80.04	80.42	79.85	79.96	77.60
30	0.92	0.93	0.93	0.92	76.21	76.73	77.16	76.38	77.02	78.89	79.57	78.84	78.93	76.45
40	0.92	0.94	0.93	0.92	75.71	76.14	76.48	76.01	76.16	78.42	79.10	78.44	78.47	75.79
50	0.91	0.94	0.93	0.92	75.54	75.94	76.25	75.82	76.04	78.28	79.16	78.21	78.31	75.48
60	0.92	0.94	0.93	0.92	75.38	75.90	76.29	75.75	75.87	78.13	79.31	78.22	78.51	75.15
70	0.91	0.94	0.94	0.92	75.46	75.91	76.42	75.81	75.81	78.30	79.55	78.26	78.38	75.15
80	0.92	0.94	0.94	0.93	75.58	75.97	76.49	75.88	75.88	78.44	79.70	78.35	78.29	75.12
90	0.92	0.94	0.94	0.93	75.65	76.07	76.67	76.06	75.84	78.64	80.00	78.65	78.69	75.14
100	0.92	0.94	0.94	0.93	75.63	76.39	76.85	76.25	75.92	78.86	80.38	78.75	78.91	75.17

Typical Performance Data (Low Frequency)

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +85°C

FREQ	Return Loss								
	RFC	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	20.05	20.45	20.47	21.28	21.31	15.52	15.46	15.05	15.06
0.25	20.57	21.00	21.04	21.83	21.87	15.55	15.51	15.09	15.09
0.5	20.57	21.00	21.04	21.83	21.87	15.55	15.51	15.09	15.10
0.75	20.57	21.01	21.04	21.83	21.87	15.55	15.52	15.09	15.10
1	20.58	21.01	21.05	21.84	21.88	15.55	15.51	15.09	15.10
2	20.60	21.05	21.07	21.86	21.91	15.52	15.52	15.10	15.10
3	20.60	21.05	21.06	21.84	21.90	15.51	15.53	15.11	15.11
4	20.59	21.06	21.06	21.85	21.90	15.51	15.53	15.11	15.11
5	20.58	21.07	21.07	21.85	21.90	15.51	15.53	15.11	15.11
6	20.57	21.09	21.07	21.86	21.90	15.51	15.53	15.11	15.11
7	20.57	21.08	21.07	21.86	21.90	15.51	15.53	15.11	15.12
8	20.56	21.09	21.07	21.86	21.90	15.51	15.53	15.12	15.12
9	20.57	21.09	21.07	21.86	21.90	15.50	15.54	15.13	15.13
10	20.57	21.08	21.07	21.88	21.91	15.51	15.54	15.14	15.14
20	20.57	21.08	21.05	21.86	21.89	15.53	15.56	15.15	15.16
30	20.55	21.04	21.02	21.84	21.86	15.54	15.57	15.16	15.17
40	20.54	20.98	20.98	21.79	21.81	15.56	15.59	15.17	15.18
50	20.52	20.94	20.95	21.76	21.78	15.59	15.61	15.19	15.21
60	20.49	20.89	20.92	21.72	21.73	15.61	15.63	15.20	15.22
70	20.45	20.83	20.87	21.67	21.67	15.64	15.63	15.22	15.24
80	20.40	20.77	20.83	21.63	21.62	15.66	15.65	15.24	15.26
90	20.36	20.72	20.78	21.57	21.56	15.67	15.66	15.25	15.28
100	20.32	20.68	20.73	21.51	21.49	15.68	15.67	15.27	15.30

Typical Performance Data

Definitions:

STATE	V _{C1}	V _{C2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +85°C

FREQ	Insertion Loss				Isolation									
	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF - RF-OUT 1	RF - RF-OUT 2	RF - RF-OUT 3	RF - RF-OUT 4	RF-OUT1 - RF-OUT2	RF-OUT1 - RF-OUT3	RF-OUT1 - RF-OUT4	RF-OUT2 - RF-OUT3	RF-OUT2 - RF-OUT4	RF-OUT3 - RF-OUT4
(GHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	0.91	0.92	0.93	0.92	76.47	73.27	75.48	73.81	78.04	76.64	79.91	78.97	75.90	74.11
0.05	0.91	0.93	0.93	0.92	74.79	76.65	75.10	75.23	75.37	78.51	75.95	77.02	77.61	76.14
0.1	0.91	0.93	0.93	0.93	74.50	77.43	75.97	75.42	76.94	78.37	80.18	76.49	77.91	74.91
0.2	0.91	0.94	0.94	0.94	74.71	79.95	78.89	75.65	73.84	82.11	83.23	82.08	80.81	73.30
0.4	0.95	0.97	0.98	0.98	69.40	79.53	81.28	70.33	68.03	83.27	86.21	82.06	85.89	68.05
0.6	0.98	1.01	1.02	1.02	66.10	76.12	75.80	67.34	64.94	82.57	83.19	78.60	82.29	64.27
0.8	1.03	1.06	1.07	1.07	63.65	72.73	72.81	64.83	62.49	78.56	80.15	76.34	78.66	62.39
1.0	1.08	1.11	1.12	1.12	62.00	70.73	71.24	62.93	60.81	76.39	79.31	75.19	77.65	60.67
1.5	1.20	1.22	1.23	1.23	58.70	67.53	68.34	59.98	57.56	74.11	76.17	72.18	74.05	57.33
2.0	1.26	1.29	1.30	1.29	56.72	65.57	65.93	57.93	55.38	72.20	73.56	70.25	72.80	55.22
2.5	1.28	1.32	1.33	1.32	55.29	63.74	64.59	56.55	53.85	71.62	72.78	69.26	71.47	53.66
3.0	1.27	1.31	1.33	1.31	54.37	62.90	63.24	55.76	52.70	69.93	71.09	68.28	70.61	52.51
3.5	1.29	1.35	1.37	1.35	53.72	62.05	62.60	55.19	51.86	69.35	70.47	68.19	70.31	51.69
4.0	1.40	1.44	1.46	1.46	53.34	61.66	62.10	54.73	51.12	69.37	68.80	68.41	70.04	50.95
4.5	1.51	1.52	1.54	1.56	53.00	61.38	61.74	54.65	50.49	67.58	67.56	68.98	70.21	50.31
5.0	1.55	1.54	1.56	1.58	52.78	61.23	60.36	54.41	49.88	66.23	66.11	68.36	69.84	49.67
5.5	1.54	1.53	1.56	1.56	52.71	59.95	58.75	54.41	49.10	65.03	64.50	68.22	67.85	49.03
6.0	1.52	1.52	1.55	1.55	52.39	58.21	57.66	54.21	48.45	63.32	62.88	68.24	66.30	48.41
6.5	1.53	1.54	1.56	1.57	51.90	56.85	56.72	53.76	47.80	62.86	62.30	68.31	65.97	47.88
7.0	1.58	1.62	1.63	1.67	51.48	55.69	55.74	53.25	47.36	62.78	62.45	68.85	65.80	47.52
7.5	1.66	1.70	1.71	1.78	50.80	54.80	54.98	52.93	47.10	62.22	62.32	69.83	64.93	47.22
8.0	1.67	1.69	1.70	1.77	50.18	54.06	54.20	52.29	46.78	61.38	61.17	70.08	63.83	46.95
8.5	1.63	1.64	1.65	1.71	49.63	53.13	53.39	51.16	46.32	60.05	60.27	71.29	62.40	46.56
9.0	1.64	1.61	1.62	1.68	48.90	52.35	52.55	49.98	45.81	59.09	60.16	72.31	61.87	46.12
9.5	1.76	1.68	1.69	1.77	48.23	51.91	51.58	49.27	45.61	59.27	60.82	72.77	62.04	45.99
10.0	1.87	1.83	1.83	1.92	47.64	51.54	50.78	49.11	45.77	59.33	61.46	73.98	61.86	46.15
10.5	1.88	1.87	1.86	1.96	47.42	50.88	50.24	48.96	45.88	58.96	61.68	75.18	61.47	46.30
11.0	1.82	1.83	1.82	1.91	47.27	50.20	49.87	48.61	45.77	58.20	61.10	75.63	60.77	46.27
11.5	1.76	1.77	1.76	1.85	47.09	49.30	49.46	47.77	45.67	57.87	60.65	78.72	59.83	46.14
12.0	1.76	1.75	1.73	1.84	46.51	48.49	48.79	46.91	45.60	57.49	60.37	79.43	60.28	46.20
12.5	1.83	1.78	1.78	1.91	45.68	47.92	48.09	46.33	45.83	57.44	60.07	76.93	60.20	46.47
13.0	1.96	1.86	1.86	2.01	45.33	47.77	47.54	46.03	46.13	57.28	59.61	75.33	60.00	46.88
13.5	2.10	1.96	1.96	2.14	45.28	47.55	47.33	45.86	46.69	57.36	59.35	73.81	60.51	47.55
14.0	2.20	2.07	2.06	2.29	45.28	47.45	47.26	45.63	47.59	57.95	59.65	70.95	61.01	48.42
14.5	2.22	2.11	2.11	2.35	45.15	47.19	46.98	45.46	48.21	58.59	59.73	71.57	61.72	48.65
15.0	2.17	2.06	2.06	2.28	44.69	46.81	46.62	45.06	48.44	58.61	59.30	70.47	61.99	48.84
15.5	2.11	2.02	2.01	2.20	44.41	46.49	46.17	44.67	48.70	58.20	58.51	69.79	61.87	49.02
16.0	2.12	2.01	2.00	2.20	44.15	46.15	45.95	44.24	49.30	58.55	58.18	68.47	62.26	49.32
16.5	2.19	2.03	2.05	2.27	43.91	45.99	45.96	43.96	49.66	58.68	58.63	67.81	62.95	49.54
17.0	2.29	2.08	2.11	2.39	43.59	45.83	45.77	43.69	49.93	59.14	59.09	68.71	63.77	49.94
17.5	2.46	2.19	2.20	2.57	43.34	45.82	45.63	43.47	50.31	59.37	60.00	68.98	64.70	50.39
18.0	2.67	2.35	2.34	2.77	43.31	45.74	45.44	43.35	50.95	60.36	61.06	68.46	66.60	50.86
18.5	2.76	2.47	2.47	2.85	43.29	45.93	45.27	43.28	51.19	60.96	63.11	69.45	67.78	50.11
19.0	2.64	2.49	2.48	2.74	43.32	45.77	45.18	43.17	50.59	61.99	64.30	69.90	68.91	49.63
19.5	2.43	2.48	2.40	2.55	43.31	45.90	45.38	43.08	51.22	61.07	64.08	71.22	66.92	50.31
20.0	2.30	2.34	2.28	2.42	43.00	45.89	45.46	42.83	52.44	59.31	61.83	71.34	64.08	51.32
20.5	2.48	2.30	2.29	2.58	42.91	46.05	45.59	42.65	52.20	57.70	60.82	72.88	62.44	50.90
21.0	2.74	2.45	2.44	2.86	42.84	45.98	45.53	42.54	51.24	57.89	60.86	72.22	62.25	50.07
21.5	2.80	2.56	2.58	2.93	42.99	45.85	45.30	42.54	51.21	59.49	61.83	74.85	64.22	50.38
22.0	2.81	2.72	2.77	2.93	43.27	45.94	45.45	42.73	52.72	59.62	62.12	75.12	65.50	51.91
22.5	2.88	2.92	2.94	3.01	43.34	46.21	45.56	42.83	54.98	59.09	61.00	73.67	64.47	54.19
23.0	2.91	2.99	2.95	3.06	43.26	46.36	45.58	42.65	57.52	58.39	60.74	71.06	63.02	56.53
23.5	2.94	3.04	2.98	3.09	43.06	46.35	45.29	42.44	57.37	57.50	60.45	68.77	61.97	57.38
24.0	2.90	3.03	3.01	3.05	42.87	46.11	44.92	42.30	54.96	56.80	60.37	67.01	60.47	54.42
24.5	2.87	2.97	3.00	3.01	42.59	46.08	44.86	42.01	52.66	56.30	58.99	68.64	60.02	52.42
25.0	2.99	3.03	3.08	3.12	42.69	46.10	44.90	41.89	51.82	55.89	58.16	69.13	59.83	51.46
25.5	3.24	3.28	3.33	3.35	43.02	46.41	45.07	42.03	51.35	56.48	57.87	69.43	60.91	50.66
26.0	3.39	3.48	3.52	3.47	43.26	46.46	45.11	42.09	50.23	57.07	57.70	69.36	61.45	49.16
26.5	3.34	3.48	3.49	3.39	43.18	46.43	45.06	41.89	48.81	57.09	57.24	67.95	60.96	47.52
27.0	3.32	3.44	3.45	3.32	42.75	46.35	44.64	41.58	47.71	57.17	56.91	67.06	60.32	46.49
28.0	3.54	3.78	3.85	3.46	42.36	45.96	43.93	41.02	46.27	56.90	55.70	65.79	59.05	44.63
29.0	3.24	3.16	3.19	3.32	41.46	44.25	42.98	39.32	44.25	55.04	53.65	62.68	56.19	42.74
30.0	3.23	3.01	3.03	3.37	41.41	43.47	41.53	39.29	44.15	55.16	52.50	59.08	56.58	42.17

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +85°C

FREQ	Return Loss								
	RF	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (Off)	RF-OUT 2 (Off)	RF-OUT 3 (Off)	RF-OUT 4 (Off)
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.01	21.04	21.00	20.90	20.87	20.89	15.38	15.45	15.45	15.46
0.05	20.97	20.90	20.95	20.91	20.92	15.53	15.56	15.57	15.58
0.1	20.76	20.90	20.84	20.78	20.80	15.55	15.65	15.67	15.68
0.2	20.36	20.47	20.57	20.55	20.50	15.75	15.76	15.76	15.80
0.4	19.73	19.93	20.21	20.19	19.85	16.01	15.99	15.97	16.12
0.6	19.23	19.40	19.94	19.88	19.18	16.27	16.09	16.10	16.42
0.8	18.64	19.07	19.77	19.74	18.73	16.40	16.22	16.19	16.69
1.0	18.09	18.95	19.85	19.76	18.54	16.58	16.33	16.29	17.01
1.5	17.65	18.51	19.88	19.65	18.62	17.31	16.79	16.75	17.98
2.0	18.67	19.38	20.89	20.51	20.00	18.73	17.56	17.56	19.06
2.5	20.37	20.53	21.65	21.07	21.30	19.81	18.29	18.36	19.53
3.0	19.57	20.58	20.77	20.03	20.97	19.53	18.43	18.56	18.99
3.5	17.33	19.92	19.24	18.49	19.19	18.46	18.23	18.57	18.47
4.0	15.76	17.88	17.80	17.32	17.29	17.82	18.39	18.92	18.70
4.5	15.03	16.18	17.07	16.80	16.40	18.27	19.28	19.84	19.92
5.0	15.21	15.86	17.53	17.10	16.85	19.90	20.83	21.25	22.09
5.5	16.17	16.91	19.23	18.43	18.73	22.49	22.19	22.93	24.38
6.0	17.49	18.43	20.61	19.75	20.81	25.02	22.01	23.60	23.66
6.5	16.91	18.52	19.09	18.75	19.65	25.24	21.02	22.90	21.49
7.0	14.89	17.91	16.82	16.81	16.69	24.71	20.77	22.63	20.53
7.5	13.96	18.10	16.59	16.74	15.68	24.90	22.21	24.28	21.43
8.0	15.19	19.90	19.14	19.42	17.52	25.40	26.74	29.83	25.05
8.5	18.08	21.14	21.89	21.92	20.51	24.98	43.04	35.54	36.62
9.0	19.27	18.65	23.90	25.09	22.00	23.83	27.03	25.96	31.04
9.5	15.24	15.89	19.96	20.24	19.07	23.43	22.11	22.56	24.88
10.0	13.11	15.47	16.44	16.62	16.30	24.31	20.72	22.07	23.69
10.5	13.47	17.90	17.11	18.07	17.25	26.79	21.44	23.56	25.27
11.0	15.95	22.82	19.66	21.02	20.96	31.60	24.30	25.94	30.21
11.5	18.82	27.93	21.55	23.99	24.40	32.70	30.94	26.49	44.94
12.0	18.47	24.88	23.89	38.40	23.50	27.97	49.55	25.15	34.54
12.5	16.79	19.22	22.38	24.12	20.18	25.00	31.52	24.60	30.47
13.0	15.45	16.17	19.39	19.55	18.32	23.74	27.85	25.55	30.49
13.5	13.70	15.18	18.00	18.39	17.51	23.59	26.72	27.68	31.88
14.0	12.21	16.66	18.33	19.50	16.98	24.72	25.71	29.73	30.75
14.5	12.10	20.24	20.48	22.00	17.16	27.61	24.21	29.49	27.25
15.0	13.99	22.42	23.42	26.74	19.20	33.03	22.92	28.27	25.03
15.5	16.97	21.85	22.30	26.43	21.56	32.75	22.35	27.80	24.19
16.0	17.95	20.15	22.79	25.39	22.79	28.18	23.02	29.13	25.03
16.5	16.24	19.71	28.46	25.77	22.55	26.50	25.26	32.49	28.27
17.0	15.03	19.68	28.86	23.87	19.51	27.74	31.40	33.07	34.20
17.5	12.88	17.24	21.01	21.13	16.53	28.71	34.93	28.75	28.17
18.0	10.93	15.46	18.28	20.02	15.42	22.63	22.90	24.65	22.11
18.5	10.12	17.26	20.67	22.40	17.26	18.65	17.73	20.71	18.13
19.0	10.96	30.08	21.47	30.03	27.74	16.36	15.05	17.83	15.79
19.5	12.35	23.84	14.81	17.98	21.76	16.02	13.91	16.30	14.76
20.0	16.54	24.24	14.87	17.38	20.78	17.59	14.43	16.73	15.56
20.5	18.06	22.38	20.61	25.93	22.07	22.51	17.26	19.41	19.02
21.0	11.68	17.80	22.04	30.35	17.27	24.98	24.73	23.15	28.06
21.5	10.60	22.11	30.27	30.20	20.37	17.56	22.16	18.49	19.97
22.0	11.66	27.48	19.13	16.90	31.26	13.93	15.64	14.65	14.68
22.5	11.90	17.09	13.58	13.22	17.15	12.44	13.06	13.07	12.58
23.0	12.10	14.67	12.14	12.81	14.35	12.46	12.43	13.32	12.43
23.5	11.54	14.41	12.10	13.61	14.09	13.73	13.04	14.79	13.71
24.0	11.61	16.35	13.21	14.34	15.69	15.72	14.33	15.52	15.48
24.5	13.96	19.15	14.52	14.10	17.98	16.09	15.00	14.50	16.00
25.0	14.57	18.10	14.65	13.57	17.53	14.37	14.78	13.59	15.00
25.5	11.40	15.18	13.69	12.82	15.23	13.13	14.41	13.46	13.86
26.0	9.84	13.91	13.23	13.09	14.25	12.78	14.42	14.26	13.58
26.5	10.23	14.21	13.18	13.77	15.07	12.66	14.12	14.79	13.84
27.0	11.42	14.07	12.86	13.01	16.14	11.91	13.22	13.49	13.77
28.0	8.89	12.20	11.20	10.59	15.21	10.06	10.71	10.26	12.17
29.0	13.02	17.07	20.31	19.04	18.48	12.18	11.32	10.72	12.33
30.0	18.40	22.88	20.75	18.76	18.78	17.70	20.66	23.53	20.84

Typical Performance Data

Definitions:

STATE	V _{c1}	V _{c2}	MODE
1	LOW	LOW	RF-OUT1 ON
2	HIGH	LOW	RF-OUT2 ON
3	LOW	HIGH	RF-OUT3 ON
4	HIGH	HIGH	RF-OUT4 ON

TEST CONDITIONS: V_{DD} = +3.3V, V_{EE} = -3.3V @ Temperature = +85°C

FREQ	Input Power at 1 dB Compression				Input Power at 0.1 dB Compression				Input IIP3			
	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)	RF-OUT 1 (On)	RF-OUT 2 (On)	RF-OUT 3 (On)	RF-OUT 4 (On)
(GHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
0.00010	14.21	14.36	14.19	14.19	10.57	10.72	10.20	10.37	21.99	21.71	23.08	24.31
0.00025	14.24	14.41	14.21	14.21	11.30	11.28	11.27	11.26	23.17	22.31	24.13	25.51
0.0005	14.34	14.50	14.49	14.30	11.41	11.39	11.37	11.36	27.31	27.37	27.07	27.00
0.00075	14.32	14.49	14.47	14.47	11.38	11.35	11.34	11.33	27.62	27.64	27.39	27.31
0.001	14.49	14.48	14.46	14.45	11.36	11.34	11.32	11.31	27.49	27.40	27.17	27.18
0.01	20.14	19.72	19.70	20.11	14.99	14.02	14.01	14.95	35.23	34.36	34.26	35.30
0.10	24.56	24.37	24.37	24.76	20.04	20.84	20.84	21.24	43.80	43.33	43.20	43.79
0.25	25.57	25.18	25.17	25.96	21.84	21.84	21.64	22.24	41.51	42.68	42.82	42.44
0.5	26.73	26.30	26.32	26.91	22.62	22.42	22.42	23.21	46.31	46.17		46.36
0.8	26.41	26.58	26.41	26.79	23.49	23.10	22.90	23.69	46.16	45.67	45.50	46.16
1.0	27.05	27.20	27.19	27.42	24.03	24.02	23.83	24.84	45.11	44.85	45.09	45.13
2.0	27.87	27.83	27.67	27.85	25.09	24.48	24.49	25.27	45.79	45.90	45.91	45.85
4.0	28.00	28.16	28.16	28.30	25.21	25.01	25.01	25.39	45.30	45.18	45.11	45.03
6.0	28.23	28.21	28.01	28.21	25.35	25.33	25.11	25.32	45.46	45.72	45.52	45.61
8.0	28.22	28.09	28.08	28.21	25.31	24.95	24.72	24.89	45.25	45.09	45.80	45.92
10.0	27.90	28.11	27.88	28.09	24.30	24.32	24.28	24.30	45.09	45.57	45.19	45.11
15.0	28.37	28.12	28.29	28.37	24.37	24.33	24.29	24.38	44.36	44.40	44.89	44.56
18.0	27.26	27.06	27.19	27.21	24.21	24.56	24.54	24.03	43.72	43.97	44.05	43.51
21.0	28.48	28.58	28.47	28.22	23.66	24.52	24.29	23.43	43.64	44.03	43.93	43.50
24.0	28.61	28.75	28.73	28.44	24.44	25.83	25.67	23.90	40.77	40.85	40.69	40.23
27.0	27.99	28.35	28.42	27.77	23.97	26.67	26.71	23.75	40.39	39.91	39.98	40.16
30.0	26.70	28.90	28.90	26.35	22.48	25.75	25.66	22.05	40.16	38.12	37.91	39.96