

Typical Performance Data

FREQ (MHz)	INSERTION LOSS @ Vdd=+3.3V OVER TEMPERATURE						FREQ (MHz)	ISOLATION @ Vdd=+3.3V OVER TEMPERATURE											
	RF COM-RF1 (dB)			RF COM-RF2 (dB)				RF COM-RF1 (dB)			RF COM-RF2 (dB)			RF1-RF2 (dB)			RF1-RF2 (dB)		
	STATE 2*			STATE 1*				STATE 1*			STATE 2*			STATE 2*			STATE 1*		
	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C		-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C
5	0.21	0.24	0.27	0.23	0.27	0.31	5	86.38	81.83	80.01	92.36	84.34	85.14	79.99	79.57	81.05	80.00	79.97	75.52
10	0.21	0.24	0.27	0.23	0.27	0.31	10	86.84	86.85	84.22	86.78	87.42	85.17	81.69	80.12	79.87	80.62	80.00	80.25
100	0.20	0.24	0.27	0.23	0.27	0.31	100	69.52	67.84	66.55	69.38	67.66	66.31	61.72	60.42	60.30	62.33	61.71	61.12
200	0.19	0.24	0.28	0.22	0.27	0.32	200	63.19	61.83	60.35	63.10	61.59	60.23	55.62	54.22	54.43	56.42	55.75	55.14
300	0.19	0.24	0.29	0.22	0.27	0.33	300	59.39	57.99	56.67	59.51	57.94	56.70	52.17	50.75	50.89	52.88	52.23	51.58
400	0.19	0.25	0.29	0.22	0.28	0.33	400	56.37	55.06	53.80	56.71	55.31	53.97	49.66	48.23	48.39	50.25	49.67	49.06
500	0.18	0.25	0.30	0.22	0.28	0.34	500	54.36	52.79	51.85	54.57	53.15	51.93	47.65	46.29	46.45	48.07	47.67	46.95
600	0.18	0.26	0.31	0.21	0.29	0.35	600	51.99	50.86	49.73	52.49	51.26	50.05	46.11	44.68	44.88	46.65	46.03	45.46
700	0.18	0.26	0.31	0.22	0.29	0.36	700	50.27	49.26	48.17	50.69	49.44	48.44	44.75	43.33	43.55	45.21	44.63	44.06
800	0.18	0.27	0.32	0.22	0.30	0.37	800	48.65	47.78	46.74	49.13	48.04	47.03	43.51	42.17	42.40	43.93	43.39	42.83
900	0.18	0.27	0.33	0.22	0.30	0.38	900	47.26	46.37	45.49	47.88	46.81	45.79	42.37	41.13	41.26	42.77	42.27	41.74
1000	0.19	0.28	0.34	0.22	0.31	0.39	1000	45.87	45.14	44.27	46.53	45.60	44.67	41.41	40.14	40.33	41.70	41.23	40.72
1200	0.18	0.29	0.36	0.22	0.32	0.40	1200	43.46	42.88	42.12	44.34	43.54	42.71	39.69	38.48	38.72	39.82	39.40	38.95
1400	0.19	0.30	0.37	0.23	0.33	0.43	1400	41.32	40.83	40.20	42.32	41.65	40.88	38.08	36.99	37.17	38.13	37.75	37.37
1600	0.19	0.32	0.40	0.23	0.35	0.45	1600	39.49	39.02	38.49	40.43	40.01	39.36	36.61	35.67	35.82	36.62	36.30	35.94
1800	0.19	0.33	0.42	0.24	0.37	0.47	1800	37.72	37.39	36.92	38.71	38.37	37.89	35.30	34.42	34.63	35.24	34.90	34.57
2000	0.21	0.35	0.44	0.25	0.38	0.50	2000	36.19	35.95	35.56	37.27	36.85	36.42	34.07	33.24	33.44	33.83	33.62	33.31
2200	0.21	0.36	0.46	0.25	0.39	0.50	2200	34.74	34.53	34.23	35.78	35.58	35.13	32.91	32.24	32.36	32.64	32.44	32.22
2400	0.21	0.38	0.47	0.25	0.40	0.51	2400	33.26	33.13	32.88	34.66	34.21	34.12	31.94	31.18	31.49	31.44	31.37	31.13
2600	0.22	0.39	0.48	0.25	0.41	0.52	2600	31.95	31.78	31.60	33.27	33.16	32.97	30.83	30.26	30.46	30.49	30.33	30.17
2800	0.21	0.39	0.48	0.25	0.41	0.53	2800	30.69	30.64	30.47	32.15	31.97	31.85	29.91	29.36	29.60	29.45	29.40	29.25
3000	0.24	0.43	0.49	0.26	0.43	0.55	3000	29.57	29.55	29.36	31.09	30.94	30.62	29.06	28.55	28.58	28.43	28.42	28.22
3200	0.24	0.42	0.51	0.27	0.44	0.55	3200	28.47	28.52	28.42	29.75	29.98	29.70	28.05	27.80	27.87	27.49	27.45	27.35
3400	0.23	0.43	0.51	0.26	0.43	0.54	3400	27.53	27.49	27.45	28.73	28.91	28.60	27.13	26.91	26.92	26.52	26.53	26.44
3600	0.24	0.42	0.51	0.29	0.46	0.57	3600	26.47	26.52	26.48	28.20	28.05	27.85	26.64	26.26	26.26	25.73	25.78	25.69
3800	0.22	0.41	0.51	0.26	0.44	0.56	3800	25.51	25.54	25.56	26.89	26.86	27.13	25.56	25.20	25.64	25.00	25.03	25.06
4000	0.21	0.42	0.52	0.26	0.45	0.57	4000	24.56	24.62	24.66	26.09	26.20	26.10	24.74	24.67	24.73	24.16	24.29	24.24
4200	0.20	0.41	0.51	0.29	0.47	0.60	4200	23.79	23.88	23.91	25.23	25.18	25.10	24.22	23.95	24.10	23.43	23.55	23.50
4400	0.23	0.44	0.54	0.24	0.46	0.57	4400	23.10	23.24	23.24	24.15	24.35	24.29	23.41	23.43	23.60	22.60	22.80	22.79
4600	0.18	0.42	0.52	0.24	0.43	0.57	4600	22.38	22.49	22.62	23.19	23.37	23.35	22.61	22.67	22.75	21.85	22.08	22.13
4800	0.24	0.48	0.56	0.25	0.47	0.61	4800	21.64	21.80	21.78	22.58	22.95	22.81	22.18	22.25	22.35	21.31	21.54	21.50
5000	0.25	0.46	0.56	0.33	0.48	0.61	5000	20.86	20.93	20.95	21.76	21.98	22.11	21.20	21.44	21.68	20.57	20.85	20.93
5200	0.23	0.48	0.60	0.27	0.50	0.64	5200	19.95	20.14	20.26	21.27	21.31	21.31	21.11	20.96	21.15	20.21	20.32	20.35
5400	0.21	0.44	0.55	0.30	0.49	0.63	5400	19.28	19.40	19.53	20.62	20.50	20.50	20.40	20.29	20.40	19.30	19.50	19.51
5600	0.24	0.48	0.61	0.24	0.46	0.62	5600	18.60	18.76	18.97	19.31	19.57	19.60	19.65	19.68	19.82	18.72	18.91	18.90
5800	0.23	0.48	0.61	0.25	0.47	0.62	5800	18.11	18.31	18.42	18.59	18.94	18.93	18.89	19.12	19.25	17.92	18.18	18.28
6000	0.26	0.53	0.66	0.23	0.50	0.68	6000	17.52	17.65	17.69	18.22	18.48	18.49	18.58	18.64	18.78	17.42	17.72	17.81

STATE	CONTROL INPUT	RF Com to RF1	RF Com to RF2
1	High	OFF	ON
2	Low	ON	OFF

Typical Performance Data

FREQ (MHz)	VSWR @ Vdd=+3.3V OVER TEMPERATURE																	
	RF COM (:1) STATE 2*			RF COM (:1) STATE 1*			RF1 (:1) STATE 2*			RF1 (:1) STATE 1*			RF2 (:1) STATE 2*			RF2 (:1) STATE 1*		
	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C	-40°C	+25°C	+85°C
5	1.04	1.05	1.05	1.04	1.05	1.05	1.04	1.05	1.05	8.90	6.90	7.03	10.23	9.06	8.06	1.04	1.04	1.05
10	1.04	1.05	1.06	1.04	1.05	1.05	1.04	1.05	1.05	8.90	6.89	7.01	10.24	9.06	8.05	1.04	1.04	1.05
100	1.05	1.05	1.06	1.05	1.05	1.06	1.05	1.05	1.05	8.73	6.79	6.93	10.04	8.89	7.95	1.05	1.05	1.05
200	1.05	1.06	1.07	1.06	1.06	1.07	1.05	1.06	1.06	8.59	6.69	6.85	9.82	8.71	7.83	1.05	1.06	1.06
300	1.06	1.07	1.07	1.06	1.06	1.07	1.05	1.07	1.08	8.51	6.61	6.71	9.61	8.50	7.60	1.06	1.07	1.08
400	1.07	1.08	1.09	1.07	1.08	1.08	1.07	1.08	1.08	8.39	6.53	6.61	9.36	8.27	7.40	1.08	1.09	1.09
500	1.08	1.09	1.11	1.08	1.09	1.11	1.08	1.09	1.09	8.24	6.43	6.54	9.15	8.08	7.28	1.09	1.10	1.10
600	1.10	1.11	1.12	1.11	1.12	1.13	1.10	1.11	1.11	8.13	6.33	6.42	9.04	7.96	7.13	1.10	1.11	1.12
700	1.12	1.13	1.13	1.13	1.14	1.14	1.12	1.12	1.13	7.97	6.23	6.29	8.92	7.87	7.01	1.12	1.13	1.14
800	1.13	1.15	1.16	1.14	1.15	1.16	1.13	1.14	1.15	7.81	6.12	6.20	8.70	7.68	6.90	1.14	1.15	1.16
900	1.15	1.17	1.18	1.16	1.17	1.19	1.15	1.16	1.17	7.73	6.01	6.08	8.44	7.44	6.69	1.16	1.17	1.18
1000	1.18	1.18	1.19	1.18	1.19	1.20	1.17	1.18	1.18	7.60	5.92	5.95	8.26	7.28	6.51	1.18	1.18	1.19
1200	1.20	1.21	1.22	1.20	1.21	1.22	1.20	1.21	1.22	7.31	5.73	5.76	8.12	7.11	6.38	1.19	1.20	1.21
1400	1.22	1.23	1.24	1.22	1.23	1.24	1.22	1.23	1.24	7.12	5.57	5.58	7.70	6.77	6.06	1.22	1.23	1.24
1600	1.26	1.26	1.27	1.26	1.27	1.27	1.25	1.26	1.27	6.91	5.40	5.38	7.63	6.65	5.93	1.25	1.26	1.26
1800	1.27	1.29	1.29	1.28	1.29	1.30	1.26	1.28	1.29	6.77	5.27	5.26	7.35	6.38	5.72	1.27	1.29	1.29
2000	1.29	1.30	1.30	1.30	1.31	1.31	1.29	1.30	1.30	6.61	5.13	5.10	7.14	6.19	5.51	1.29	1.30	1.30
2200	1.31	1.32	1.33	1.28	1.29	1.30	1.30	1.31	1.32	6.49	5.02	5.00	7.05	6.11	5.47	1.29	1.29	1.30
2400	1.31	1.31	1.31	1.27	1.28	1.28	1.31	1.31	1.31	6.36	4.90	4.89	6.82	5.87	5.26	1.28	1.28	1.28
2600	1.30	1.30	1.30	1.27	1.27	1.27	1.30	1.30	1.31	6.28	4.80	4.79	6.83	5.83	5.20	1.26	1.26	1.27
2800	1.26	1.27	1.28	1.23	1.24	1.24	1.28	1.28	1.28	6.11	4.69	4.71	6.58	5.67	5.11	1.24	1.25	1.25
3000	1.26	1.24	1.24	1.24	1.23	1.22	1.27	1.25	1.25	6.04	4.62	4.60	6.62	5.64	5.05	1.24	1.23	1.23
3200	1.21	1.21	1.21	1.19	1.19	1.19	1.23	1.22	1.23	5.99	4.57	4.55	6.55	5.57	4.99	1.22	1.21	1.22
3400	1.18	1.16	1.15	1.15	1.14	1.13	1.21	1.19	1.19	5.88	4.54	4.53	6.43	5.52	4.96	1.18	1.17	1.17
3600	1.14	1.12	1.13	1.10	1.09	1.10	1.19	1.17	1.18	5.89	4.52	4.50	6.60	5.62	5.00	1.13	1.13	1.14
3800	1.10	1.08	1.08	1.07	1.06	1.06	1.15	1.14	1.15	5.96	4.54	4.52	6.50	5.52	4.96	1.10	1.11	1.11
4000	1.06	1.04	1.05	1.08	1.06	1.07	1.15	1.13	1.14	5.86	4.56	4.53	6.58	5.65	5.04	1.10	1.10	1.11
4200	1.06	1.04	1.03	1.07	1.04	1.04	1.13	1.13	1.14	6.00	4.58	4.52	6.61	5.64	5.03	1.10	1.11	1.11
4400	1.09	1.07	1.07	1.04	1.02	1.02	1.14	1.13	1.14	5.97	4.62	4.57	6.82	5.78	5.13	1.13	1.12	1.13
4600	1.13	1.10	1.09	1.08	1.06	1.06	1.16	1.14	1.14	5.98	4.65	4.57	6.85	5.87	5.24	1.14	1.13	1.14
4800	1.14	1.13	1.13	1.10	1.10	1.10	1.15	1.14	1.15	6.10	4.69	4.61	6.97	5.86	5.21	1.14	1.14	1.15
5000	1.18	1.15	1.15	1.15	1.12	1.12	1.16	1.15	1.15	6.12	4.75	4.62	7.25	6.10	5.40	1.13	1.12	1.12
5200	1.17	1.16	1.16	1.15	1.13	1.13	1.14	1.14	1.15	6.21	4.77	4.67	7.06	6.00	5.37	1.08	1.09	1.09
5400	1.21	1.18	1.19	1.16	1.14	1.13	1.14	1.13	1.14	6.33	4.85	4.73	7.28	6.15	5.46	1.08	1.08	1.10
5600	1.22	1.20	1.21	1.13	1.12	1.11	1.14	1.12	1.14	6.22	4.83	4.73	7.30	6.17	5.53	1.08	1.07	1.08
5800	1.24	1.24	1.24	1.13	1.13	1.13	1.11	1.12	1.14	6.43	4.93	4.78	7.29	6.10	5.44	1.07	1.08	1.08
6000	1.28	1.27	1.27	1.17	1.17	1.18	1.14	1.14	1.16	6.33	4.90	4.79	7.26	6.15	5.47	1.08	1.07	1.07

*Note:

STATE	CONTROL INPUT	RF Com to RF1	RF Com to RF2
1	High	OFF	ON
2	Low	ON	OFF