

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB)				RF FREQ (MHz)	ISOLATION (dB)							
	VDD=+3V		VDD=+5V			VDD=+3V		VDD=+5V		VDD=+3V		VDD=+5V	
	RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2		RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2	RF1-RF2 State LOW*	RF1-RF2 State HIGH*	RF1-RF2 State LOW*	RF1-RF2 State HIGH*
0.3	0.95	0.96	0.97	1.00	0.3	103.28	93.64	96.64	101.06	96.74	84.91	95.19	86.81
1	0.93	0.96	0.94	0.97	1	113.23	103.22	95.85	98.18	100.00	99.52	102.25	106.48
5	0.88	0.94	0.90	0.96	5	79.17	87.42	81.83	86.90	89.17	80.37	89.30	81.04
10	0.87	0.93	0.89	0.95	10	72.73	82.78	74.13	83.33	83.63	72.75	87.79	75.91
20	0.87	0.94	0.89	0.95	20	69.52	81.06	71.13	83.55	82.05	70.41	82.93	72.36
30	0.87	0.95	0.89	0.96	30	65.23	84.57	66.32	86.30	84.63	66.14	85.39	67.68
40	0.87	0.95	0.89	0.96	40	62.49	82.08	63.59	83.46	82.41	63.50	83.24	64.91
50	0.87	0.95	0.89	0.96	50	61.03	79.81	61.97	81.07	80.41	61.95	82.23	63.10
60	0.87	0.95	0.89	0.97	60	60.01	78.50	60.89	79.51	79.60	60.94	80.74	62.01
70	0.87	0.95	0.89	0.97	70	59.32	76.89	60.11	78.12	77.93	60.28	79.39	61.24
80	0.88	0.95	0.90	0.97	80	58.86	75.69	59.57	76.51	76.47	59.72	78.09	60.65
90	0.88	0.94	0.90	0.96	90	58.71	75.84	59.18	75.85	76.68	59.64	75.89	60.10
100	0.88	0.95	0.90	0.97	100	58.82	75.41	59.49	76.50	76.30	59.65	78.02	60.53
200	0.88	0.96	0.90	0.97	200	60.05	71.74	60.28	72.37	73.13	60.41	74.08	60.85
300	0.88	0.97	0.90	0.98	300	61.81	70.83	61.97	70.93	72.04	61.63	72.91	61.94
400	0.88	0.97	0.90	0.99	400	62.99	69.63	63.15	69.87	71.04	62.43	71.66	62.78
500	0.88	0.98	0.90	0.99	500	63.73	68.70	63.79	68.71	69.93	62.91	70.58	63.33
600	0.87	0.98	0.90	1.00	600	63.91	67.51	64.00	67.78	68.94	63.45	69.23	63.72
700	0.88	0.98	0.90	1.00	700	63.82	66.63	63.88	66.81	68.05	63.90	68.16	64.09
800	0.88	0.99	0.90	1.00	800	63.45	65.80	63.52	65.82	66.98	64.18	67.27	64.29
900	0.89	1.00	0.91	1.01	900	62.80	64.79	62.89	64.97	66.03	64.26	66.18	64.58
1000	0.90	1.00	0.92	1.02	1000	62.22	63.91	62.24	64.02	65.01	64.33	65.10	64.46
1100	0.91	1.01	0.93	1.03	1100	61.54	63.07	61.60	63.23	64.12	64.27	64.13	64.35
1200	0.93	1.02	0.95	1.03	1200	60.87	62.36	60.96	62.37	63.22	64.08	63.30	64.32
1300	0.94	1.03	0.96	1.04	1300	60.22	61.64	60.36	61.78	62.44	64.00	62.54	64.03
1400	0.96	1.03	0.97	1.05	1400	59.70	60.91	59.78	61.15	61.73	63.77	61.86	63.85
1500	0.97	1.04	0.99	1.06	1500	59.07	60.16	59.14	60.41	60.88	63.34	60.97	63.39
1600	0.98	1.05	1.00	1.06	1600	58.53	59.56	58.68	59.78	60.22	62.73	60.19	62.90
1700	0.98	1.05	1.00	1.07	1700	58.09	59.00	58.24	59.14	59.44	62.10	59.46	62.34
1800	0.99	1.06	1.01	1.07	1800	57.67	58.38	57.82	58.55	58.83	61.45	58.85	61.70
1900	0.98	1.06	1.00	1.08	1900	57.30	57.85	57.45	58.13	58.12	60.84	58.27	61.08
2000	0.98	1.07	1.00	1.09	2000	57.02	57.55	57.19	57.80	57.64	60.28	57.75	60.49
2100	0.97	1.07	0.99	1.09	2100	56.64	57.06	56.85	57.20	56.98	59.53	57.07	59.71
2200	0.97	1.08	0.99	1.10	2200	56.37	56.51	56.53	56.69	56.32	58.89	56.36	59.02
2300	0.97	1.09	0.99	1.10	2300	55.97	55.98	56.15	56.17	55.49	58.10	55.65	58.27
2400	0.97	1.09	0.99	1.11	2400	55.80	55.82	55.93	55.89	54.99	57.41	55.12	57.60
2500	0.97	1.10	1.00	1.12	2500	55.57	55.34	55.73	55.48	54.40	56.80	54.50	56.93
2600	0.98	1.10	1.01	1.13	2600	55.37	54.93	55.54	55.12	53.77	56.08	53.84	56.22
2700	0.99	1.11	1.02	1.13	2700	55.21	54.62	55.39	54.74	53.22	55.43	53.29	55.54
2800	1.01	1.12	1.03	1.14	2800	55.13	54.37	55.31	54.42	52.86	54.91	52.86	54.98
2900	1.02	1.12	1.05	1.14	2900	54.75	53.45	54.93	53.58	52.15	54.28	51.96	54.22
3000	1.04	1.13	1.06	1.15	3000	54.89	53.62	55.09	53.84	51.83	53.75	51.90	53.94
3250	1.04	1.13	1.06	1.16	3250	54.81	53.08	54.91	53.11	50.33	52.24	50.35	52.39
3500	1.01	1.13	1.04	1.16	3500	54.56	52.48	54.77	52.70	48.87	50.89	49.20	51.24
3750	1.01	1.14	1.03	1.16	3750	54.28	51.71	54.57	51.97	47.64	49.76	47.94	50.09
4000	1.05	1.17	1.07	1.18	4000	53.85	51.20	54.27	51.46	46.55	48.73	46.82	49.02
4250	1.12	1.21	1.13	1.22	4250	53.24	50.67	53.57	50.98	45.70	47.84	45.91	48.19
4500	1.18	1.27	1.19	1.28	4500	52.65	50.24	52.78	50.36	44.90	47.00	45.11	47.34
4750	1.22	1.33	1.23	1.34	4750	52.42	49.89	52.15	49.33	43.98	46.37	44.25	46.76
5000	1.25	1.37	1.26	1.38	5000	51.49	48.85	51.76	48.61	43.13	45.58	43.35	45.87
5250	1.26	1.37	1.27	1.39	5250	50.20	48.29	50.25	48.01	42.22	44.39	42.78	44.93
5500	1.25	1.36	1.27	1.37	5500	49.52	47.81	48.83	47.50	41.57	43.37	42.23	44.08
5750	1.26	1.34	1.27	1.34	5750	48.22	46.88	47.91	46.33	40.79	42.47	41.39	43.09
6000	1.26	1.33	1.27	1.33	6000	47.13	45.73	46.96	44.94	39.91	41.54	40.41	42.00

*Note:

State of Control Voltage	RF Common to	
	RF1	RF2
LOW	ON	OFF
HIGH	OFF	ON

ON - Low insertion loss state
 OFF - Isolation state



Typical Performance Data

RF FREQ (MHz)	VSWR (:1)								RF FREQ (MHz)	VSWR (:1)			
	VDD=+3V				VDD=+5V					VDD=+3V		VDD=+5V	
	RF COM		RF1	RF2	RF COM		RF1	RF2		RF1	RF2	RF1	RF2
	State LOW*	State HIGH*	State LOW*	State HIGH*	State LOW*	State HIGH*	State LOW*	State HIGH*		State HIGH*	State LOW*	State HIGH*	State LOW*
0.3	1.19	1.20	1.20	1.20	1.19	1.21	1.20	1.21	500	1.65	1.67	1.67	1.69
1	1.18	1.20	1.19	1.20	1.19	1.20	1.19	1.20	600	1.59	1.62	1.61	1.64
5	1.17	1.19	1.17	1.19	1.18	1.19	1.17	1.19	700	1.55	1.58	1.57	1.60
10	1.17	1.17	1.17	1.17	1.18	1.18	1.17	1.18	800	1.52	1.56	1.54	1.58
20	1.17	1.17	1.17	1.16	1.18	1.17	1.17	1.17	900	1.51	1.55	1.53	1.57
30	1.17	1.16	1.17	1.16	1.18	1.16	1.18	1.16	1000	1.49	1.54	1.52	1.57
40	1.17	1.15	1.17	1.15	1.18	1.16	1.18	1.16	1100	1.49	1.54	1.51	1.57
50	1.17	1.15	1.17	1.15	1.18	1.16	1.18	1.16	1200	1.48	1.54	1.51	1.57
60	1.17	1.15	1.17	1.15	1.18	1.16	1.18	1.16	1300	1.48	1.55	1.51	1.57
70	1.18	1.15	1.17	1.15	1.18	1.16	1.18	1.16	1400	1.48	1.55	1.51	1.58
80	1.18	1.15	1.17	1.15	1.18	1.16	1.18	1.16	1500	1.48	1.56	1.51	1.59
90	1.18	1.15	1.17	1.16	1.18	1.16	1.18	1.16	1600	1.48	1.57	1.51	1.60
100	1.18	1.15	1.17	1.15	1.18	1.16	1.18	1.16	1700	1.49	1.58	1.52	1.61
200	1.17	1.15	1.18	1.16	1.18	1.16	1.18	1.16	1800	1.49	1.59	1.52	1.62
300	1.17	1.15	1.18	1.16	1.17	1.16	1.18	1.16	1900	1.50	1.60	1.53	1.63
400	1.16	1.15	1.18	1.16	1.16	1.16	1.18	1.17	2000	1.50	1.61	1.53	1.65
500	1.16	1.15	1.17	1.16	1.16	1.16	1.18	1.17	2100	1.51	1.63	1.54	1.66
600	1.16	1.16	1.17	1.17	1.16	1.16	1.18	1.17	2200	1.51	1.64	1.55	1.67
700	1.16	1.16	1.17	1.17	1.16	1.16	1.18	1.18	2300	1.52	1.65	1.55	1.68
800	1.17	1.16	1.17	1.18	1.18	1.16	1.17	1.18	2400	1.52	1.65	1.56	1.69
900	1.19	1.16	1.16	1.18	1.19	1.16	1.17	1.18	2500	1.53	1.66	1.56	1.70
1000	1.20	1.16	1.16	1.18	1.20	1.17	1.16	1.19	2600	1.53	1.67	1.57	1.71
1100	1.22	1.17	1.15	1.18	1.22	1.17	1.16	1.19	2700	1.54	1.68	1.57	1.71
1200	1.22	1.17	1.15	1.18	1.22	1.17	1.15	1.19	2800	1.54	1.68	1.57	1.72
1300	1.23	1.18	1.14	1.18	1.23	1.17	1.14	1.18	2900	1.54	1.68	1.58	1.72
1400	1.23	1.18	1.13	1.18	1.24	1.18	1.13	1.18	3000	1.54	1.68	1.58	1.72
1500	1.23	1.18	1.12	1.17	1.23	1.18	1.13	1.18	3250	1.54	1.68	1.58	1.72
1600	1.23	1.17	1.11	1.17	1.23	1.17	1.12	1.18	3500	1.53	1.67	1.57	1.71
1700	1.23	1.17	1.11	1.17	1.23	1.17	1.11	1.18	3750	1.51	1.64	1.55	1.68
1800	1.22	1.17	1.10	1.17	1.23	1.17	1.11	1.17	4000	1.48	1.60	1.52	1.64
1900	1.22	1.16	1.11	1.17	1.23	1.16	1.12	1.18	4250	1.45	1.54	1.49	1.59
2000	1.23	1.16	1.11	1.18	1.23	1.16	1.12	1.19	4500	1.41	1.48	1.45	1.52
2100	1.23	1.15	1.12	1.19	1.23	1.16	1.13	1.20	4750	1.37	1.42	1.41	1.46
2200	1.23	1.14	1.13	1.20	1.24	1.15	1.15	1.22	5000	1.33	1.35	1.37	1.39
2300	1.23	1.14	1.15	1.22	1.24	1.15	1.16	1.24	5250	1.30	1.29	1.33	1.32
2400	1.23	1.14	1.16	1.24	1.24	1.16	1.18	1.26	5500	1.27	1.23	1.31	1.27
2500	1.24	1.15	1.18	1.27	1.25	1.16	1.20	1.28	5750	1.24	1.19	1.28	1.23
2600	1.23	1.15	1.20	1.29	1.24	1.17	1.22	1.31	6000	1.23	1.17	1.27	1.21
2700	1.23	1.16	1.22	1.31	1.24	1.17	1.24	1.33					
2800	1.22	1.16	1.23	1.33	1.23	1.18	1.26	1.35					
2900	1.21	1.17	1.25	1.34	1.22	1.19	1.27	1.37					
3000	1.20	1.17	1.25	1.36	1.21	1.19	1.28	1.38					
3250	1.17	1.17	1.26	1.36	1.18	1.19	1.29	1.39					
3500	1.18	1.17	1.24	1.34	1.19	1.19	1.27	1.37					
3750	1.24	1.21	1.20	1.29	1.25	1.23	1.23	1.33					
4000	1.33	1.30	1.16	1.26	1.33	1.30	1.19	1.30					
4250	1.41	1.42	1.18	1.28	1.41	1.42	1.20	1.30					
4500	1.50	1.55	1.23	1.33	1.50	1.55	1.25	1.34					
4750	1.60	1.65	1.29	1.38	1.60	1.66	1.30	1.39					
5000	1.66	1.71	1.33	1.41	1.67	1.71	1.34	1.42					
5250	1.67	1.70	1.34	1.40	1.68	1.71	1.35	1.40					
5500	1.62	1.64	1.34	1.35	1.64	1.66	1.35	1.36					
5750	1.55	1.56	1.30	1.29	1.56	1.58	1.33	1.31					
6000	1.49	1.49	1.28	1.23	1.50	1.49	1.30	1.25					

*Note:

State of Control Voltage	RF Common to	
	RF1	RF2
LOW	ON	OFF
HIGH	OFF	ON
ON - Low insertion loss state		
OFF - Isolation state		

Typical Performance Data

RF FREQ (MHz)	INPUT IP3 (dBm)				RF FREQ (MHz)	INPUT 1dB COMPRESSION (dBm)		RF FREQ (MHz)	COMPRESSION (dB) @ FIXED POWER FOR PIN=27dBm	
	VDD=+3V		VDD =+5V			VDD=+3V	VDD =+5V		VDD=+5V	
	RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2					Pin	Pin
500	48.31	48.44	51.09	52.07	500	23.96	30.61	2000	0.11	0.08
550	47.68	47.89	50.11	51.10	600	23.87	30.60	2200	0.06	0.03
600	47.90	48.19	50.34	51.35	700	23.73	30.52	2400	0.03	0.03
650	48.50	48.80	51.18	52.39	800	23.78	30.45	2600	0.04	0.02
700	49.00	49.44	51.06	52.09	900	23.57	30.34	2800	0.05	0.03
750	48.30	48.59	50.48	51.59	1000	23.41	30.20	3000	0.04	0.03
800	46.96	47.26	49.21	50.01	1100	23.81	30.31	3100	0.04	0.02
850	46.26	46.60	48.80	49.28	1200	23.76	30.33	3200	0.04	0.03
900	46.38	46.65	49.09	49.57	1300	23.88	30.43	3300	0.05	0.03
950	46.22	46.57	49.39	50.23	1400	24.03	30.43	3400	0.07	0.04
1000	47.01	47.71	50.54	51.48	1500	24.24	30.64	3500	0.07	0.04
1250	45.16	45.75	48.62	49.35	1600	24.23	30.67	3600	0.06	-0.04
1500	46.04	46.37	49.04	49.61	1700	24.46	30.79	3625	0.04	0.03
1750	45.22	45.78	48.69	49.15	1800	24.35	30.60	3650	0.06	0.03
2000	43.41	44.05	46.53	47.23	1900	24.30	30.48	3675	0.06	0.03
2250	43.00	43.88	46.43	47.21	2000	24.29	30.62	3700	0.04	0.03
2500	41.60	42.73	45.28	46.29	DC Current vs Repetition Rate IDD (micro A) Typ.			3725	0.05	0.03
2750	42.22	42.86	45.72	46.54				3750	0.07	0.03
3000	42.10	42.79	45.65	46.61				3775	0.05	0.03
3250	40.72	41.34	44.19	45.24	3800	0.04	-0.03			
3500	40.91	41.27	44.62	45.61	3900	0.07	0.04			
3750	41.21	40.94	45.35	45.62	4000	0.09	0.06			
4000	40.58	39.35	44.60	43.72	4100	0.14	0.06			
4250	40.61	40.00	44.58	44.15	4200	0.09	0.05			
4500	39.55	38.99	43.36	43.13	4300	0.04	0.03			
4750	38.62	38.58	42.49	42.76	4400	0.04	0.04			
5000	39.17	39.38	43.01	43.36	4500	0.04	0.04			
5250	38.69	38.86	43.10	43.11	4600	0.09	0.06			
5500	37.95	37.69	42.12	41.84	4700	0.10	0.06			
5750	37.84	37.60	41.68	41.62	4800	0.06	0.04			
6000	36.56	36.50	41.02	41.21	4900	0.05	0.04			
					5000	0.14	0.10			
					5200	0.13	0.10			
					5400	0.11	0.08			
					5600	0.19	0.17			
					5800	0.24	0.24			
					6000	0.36	0.41			

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB) @ VDD=+5V OVER TEMPERATURE						RF FREQ (MHz)	ISOLATION (dB) @ VDD=+5V OVER TEMPERATURE											
	RF COM-RF1			RF COM-RF2				RF COM-RF1			RF COM-RF2			RF1-RF2 State LOW*			RF1-RF2 State HIGH*		
	-55°C	+25°C	+125°C	-55°C	+25°C	+125°C		-55°C	+25°C	+125°C	-55°C	+25°C	+125°C	-55°C	+25°C	+125°C	-55°C	+25°C	+125°C
0.3	0.89	0.99	1.12	0.90	1.06	1.28	0.3	114.58	103.24	109.08	91.98	94.71	96.46	92.44	85.71	92.70	88.38	82.51	84.99
1	0.82	0.94	1.07	0.84	1.01	1.20	1	112.53	99.44	92.55	97.40	99.53	94.85	101.27	97.14	98.18	99.06	104.32	91.86
5	0.77	0.89	1.05	0.83	0.98	1.17	5	80.75	80.86	81.87	86.35	87.84	87.65	80.66	80.99	83.16	86.43	87.41	88.37
10	0.75	0.88	1.04	0.83	0.97	1.14	10	76.31	75.90	75.89	85.30	84.87	90.57	76.57	76.84	76.96	85.61	90.90	85.91
20	0.75	0.88	1.04	0.85	0.97	1.12	20	66.49	67.28	67.74	73.27	76.05	78.36	67.09	68.04	68.99	73.24	76.27	78.92
30	0.75	0.88	1.04	0.84	0.96	1.12	30	67.50	66.64	66.26	74.99	79.13	83.09	68.67	68.14	68.17	74.96	78.59	81.17
40	0.75	0.88	1.04	0.85	0.97	1.12	40	66.54	64.89	64.28	79.18	86.24	86.24	67.97	66.57	66.29	78.27	81.96	84.90
50	0.75	0.88	1.04	0.86	0.98	1.13	50	63.94	62.72	62.69	85.33	85.77	82.63	65.34	64.39	64.50	81.44	84.63	83.64
60	0.75	0.88	1.04	0.87	0.98	1.13	60	62.25	61.47	61.69	86.80	82.89	80.30	63.58	63.12	63.47	83.09	83.61	81.89
70	0.75	0.88	1.04	0.87	0.98	1.14	70	61.04	60.57	61.02	84.02	80.55	78.46	62.42	62.08	62.75	82.63	81.07	80.59
80	0.74	0.88	1.04	0.87	0.98	1.14	80	60.20	59.95	60.63	80.80	78.70	77.11	61.56	61.49	62.34	81.68	80.87	79.40
90	0.74	0.88	1.04	0.87	0.99	1.14	90	59.77	59.72	60.41	79.07	77.29	76.51	60.99	61.11	62.18	79.78	79.02	78.36
100	0.74	0.88	1.04	0.87	0.99	1.14	100	59.31	59.42	60.36	77.82	75.92	75.62	60.44	60.71	61.92	78.70	78.07	77.66
200	0.74	0.88	1.05	0.86	0.99	1.14	200	59.56	60.44	61.92	72.92	72.70	72.81	60.25	61.24	62.90	74.49	74.71	75.13
300	0.72	0.88	1.06	0.85	0.98	1.15	300	60.94	61.95	63.62	71.03	71.19	71.68	61.05	62.22	64.00	73.06	73.07	73.88
400	0.71	0.88	1.07	0.83	0.98	1.16	400	62.11	63.27	64.53	69.65	69.79	70.66	61.64	62.88	64.81	71.41	72.04	72.77
500	0.71	0.88	1.07	0.82	0.98	1.16	500	62.94	63.88	64.85	68.68	68.95	69.73	62.21	63.51	65.21	70.24	70.77	71.92
600	0.70	0.88	1.07	0.82	0.98	1.17	600	63.27	64.01	64.80	67.49	67.75	68.67	62.55	63.76	65.53	69.07	69.64	70.75
700	0.69	0.88	1.08	0.80	0.97	1.17	700	63.41	63.90	64.54	66.44	66.87	67.46	62.80	63.91	65.67	67.92	68.53	69.59
800	0.69	0.88	1.09	0.80	0.98	1.18	800	63.03	63.51	63.91	65.42	65.91	66.56	62.85	64.04	65.75	66.72	67.52	68.46
900	0.69	0.89	1.10	0.80	0.99	1.19	900	62.71	63.04	63.29	64.53	64.86	65.64	63.01	64.43	65.85	65.54	66.38	67.37
1000	0.69	0.89	1.11	0.80	0.99	1.20	1000	62.10	62.32	62.55	63.58	63.95	64.73	62.87	64.11	65.81	64.73	65.38	66.55
1100	0.70	0.91	1.13	0.81	1.00	1.22	1100	61.35	61.50	61.90	62.77	63.11	63.81	62.91	63.94	65.67	63.95	64.50	65.49
1200	0.71	0.92	1.14	0.81	1.01	1.24	1200	60.71	61.00	61.30	61.80	62.40	63.01	62.62	63.71	65.17	62.90	63.58	64.69
1300	0.71	0.93	1.16	0.82	1.02	1.25	1300	60.09	60.31	60.66	60.85	61.51	62.35	62.33	63.42	65.08	62.09	62.72	64.07
1400	0.72	0.94	1.17	0.82	1.03	1.26	1400	59.42	59.70	60.20	60.31	60.78	61.59	62.13	63.09	64.67	61.38	61.95	63.19
1500	0.71	0.95	1.18	0.82	1.04	1.27	1500	58.79	59.06	59.56	59.38	59.96	60.76	61.60	62.54	63.97	60.18	61.03	62.07
1600	0.71	0.95	1.18	0.82	1.05	1.29	1600	58.07	58.43	58.96	58.63	59.29	60.35	60.94	61.99	63.33	58.77	59.99	60.82
1700	0.71	0.96	1.19	0.82	1.06	1.30	1700	57.63	58.13	58.61	57.85	58.65	59.56	60.86	61.78	63.05	58.30	59.18	60.50
1800	0.72	0.96	1.20	0.83	1.06	1.31	1800	57.02	57.70	58.09	57.95	58.60	59.74	59.98	61.19	61.84	58.19	58.92	60.22
1900	0.71	0.96	1.21	0.82	1.06	1.32	1900	57.05	57.56	58.13	58.35	58.73	59.11	59.71	60.49	61.64	58.33	58.71	59.73
2000	0.71	0.96	1.21	0.81	1.06	1.32	2000	56.35	57.07	57.39	57.10	58.12	58.46	58.69	59.70	60.48	57.79	58.53	59.59
2100	0.70	0.96	1.21	0.81	1.06	1.32	2100	56.25	56.82	57.46	56.35	57.43	57.65	58.78	59.11	60.43	56.37	57.43	58.41
2200	0.70	0.96	1.21	0.80	1.06	1.32	2200	56.07	56.61	57.23	57.37	57.86	58.63	57.72	58.20	59.14	55.85	56.51	57.32
2300	0.69	0.96	1.22	0.80	1.06	1.32	2300	55.68	56.31	57.01	56.48	57.02	58.05	56.96	57.70	58.40	55.46	55.90	56.89
2400	0.69	0.96	1.22	0.80	1.06	1.33	2400	55.32	55.92	56.63	55.90	56.51	57.61	56.44	57.03	57.85	54.91	55.53	56.47
2500	0.69	0.96	1.22	0.80	1.06	1.34	2500	55.24	55.69	56.97	55.05	56.10	56.59	55.98	56.46	57.15	54.05	54.88	54.88
2600	0.69	0.97	1.24	0.81	1.08	1.35	2600	54.85	55.74	56.46	54.67	55.44	56.20	55.29	55.90	56.53	53.89	54.04	54.97
2700	0.70	0.98	1.25	0.82	1.10	1.37	2700	54.90	55.55	56.53	54.17	55.02	55.75	55.11	55.55	56.24	52.87	53.61	54.34
2800	0.70	0.98	1.26	0.83	1.11	1.39	2800	54.84	55.47	56.76	54.29	54.79	55.14	54.44	54.97	56.01	52.01	53.08	53.47
2900	0.71	1.00	1.28	0.84	1.12	1.40	2900	54.49	55.55	56.13	54.03	55.34	55.07	53.84	54.25	54.81	52.53	52.28	53.45
3000	0.72	1.01	1.29	0.85	1.13	1.42	3000	54.03	55.30	55.79	53.30	54.68	54.83	53.25	53.71	54.26	51.72	51.75	52.87
3250	0.71	1.01	1.31	0.84	1.13	1.43	3250	53.49	55.06	55.35	52.70	54.01	55.22	51.74	52.22	52.17	50.17	50.34	50.74
3500	0.68	0.99	1.30	0.81	1.11	1.42	3500	53.25	54.53	56.00	51.60	53.05	53.54	50.57	51.13	51.65	48.45	49.25	49.02
3750	0.67	0.99	1.31	0.80	1.10	1.42	3750	52.79	53.70	54.41	50.92	52.40	53.34	49.53	50.06	50.28	46.60	48.20	48.13
4000	0.68	1.02	1.34	0.82	1.14	1.46	4000	52.41	53.89	54.69	51.69	51.39	51.66	48.98	49.60	49.90	46.94	47.61	48.02
4250	0.74	1.08	1.40	0.88	1.20	1.52	4250	52.42	54.19	53.50	50.41	51.64	50.87	48.84	49.51	49.11	47.41	47.48	47.13
4500	0.80	1.14	1.47	0.95	1.27	1.60	4500	54.19	53.65	56.77	51.93	51.28	52.12	49.12	48.67	50.16	46.30	46.20	46.77
4750	0.83	1.19	1.53	0.99	1.32	1.65	4750	50.93	51.46	51.05	51.01	50.15	50.11	47.26	46.91	46.85	45.22	44.92	45.00
5000	0.83	1.21	1.57	0.99	1.33	1.69	5000	49.30	50.55	51.03	48.47	48.48	48.25	45.86	45.97	46.32	43.43	43.78	44.06
5250	0.82	1.21	1.60	0.98	1.34	1.72	5250	49.53	49.47	49.40	46.56	47.42	46.86	45.84	45.17	45.33	42.93	42.98	42.83
5500	0.81	1.21	1.63	0.95	1.33	1.74	5500	47.21	47.87	48.06	45.55	46.65	46.78	43.67	43.87	43.32	41.21	41.85	41.85
5750	0.83	1.23	1.65	0.96	1.33	1.76	5750	46.11	46.79	46.34	45.57	45.46	45.85	43.52	42.87	42.25	41.49	41.17	40.82
6000	0.81	1.24	1.67	0.91	1.33	1.76	6000	44.91	45.51	47.31	44.45	44.92	44.64	41.93	41.64	42.35	40.40	40.13	40.59

***Note:**

State of Control Voltage	RF Common to	
LOW	RF1	RF2
HIGH	ON	OFF
ON - Low insertion loss state	OFF	ON
OFF - Isolation state		



Typical Performance Data

RF FREQ (MHz)	VSWR (:1) @ VDD=+5V OVER TEMPERATURE												RF FREQ (MHz)	VSWR (:1) @ VDD=+5V OVER TEMPERATURE					
	RF COM						RF1			RF2				RF1			RF2		
	State LOW*			State HIGH*			State LOW*			State HIGH*				State HIGH*			State LOW*		
	-55°C	+25°C	+125°C	-55°C	+25°C	+125°C	-55°C	+25°C	+125°C	-55°C	+25°C	+125°C		-55°C	+25°C	+125°C	-55°C	+25°C	+125°C
0.3	1.16	1.19	1.22	1.16	1.20	1.25	1.17	1.20	1.22	1.17	1.21	1.26	500	1.59	1.67	1.86	1.62	1.70	1.89
1	1.16	1.19	1.22	1.16	1.20	1.25	1.16	1.18	1.22	1.16	1.20	1.25	600	1.51	1.62	1.82	1.55	1.64	1.84
5	1.15	1.18	1.22	1.16	1.20	1.24	1.14	1.17	1.21	1.16	1.19	1.23	700	1.46	1.57	1.80	1.50	1.60	1.83
10	1.14	1.18	1.22	1.15	1.18	1.22	1.14	1.17	1.21	1.15	1.18	1.22	800	1.43	1.55	1.78	1.47	1.59	1.83
20	1.15	1.18	1.22	1.14	1.17	1.21	1.14	1.17	1.21	1.13	1.17	1.21	900	1.41	1.54	1.78	1.46	1.58	1.82
30	1.15	1.18	1.22	1.14	1.17	1.21	1.14	1.17	1.22	1.13	1.16	1.21	1000	1.39	1.52	1.77	1.45	1.57	1.82
40	1.15	1.18	1.22	1.14	1.17	1.21	1.14	1.17	1.21	1.13	1.16	1.20	1100	1.38	1.51	1.76	1.44	1.57	1.83
50	1.14	1.18	1.22	1.13	1.16	1.21	1.14	1.17	1.21	1.13	1.16	1.20	1200	1.37	1.51	1.77	1.44	1.57	1.84
60	1.14	1.18	1.22	1.13	1.16	1.21	1.14	1.17	1.21	1.12	1.16	1.20	1300	1.37	1.51	1.78	1.43	1.57	1.84
70	1.15	1.18	1.22	1.13	1.16	1.21	1.14	1.18	1.21	1.12	1.16	1.20	1400	1.37	1.51	1.77	1.44	1.58	1.85
80	1.15	1.18	1.22	1.13	1.16	1.21	1.14	1.18	1.21	1.12	1.16	1.20	1500	1.36	1.51	1.77	1.44	1.59	1.87
90	1.15	1.18	1.22	1.13	1.16	1.21	1.14	1.18	1.21	1.12	1.16	1.20	1600	1.36	1.52	1.78	1.45	1.60	1.88
100	1.15	1.18	1.22	1.13	1.16	1.21	1.14	1.17	1.21	1.12	1.16	1.20	1700	1.37	1.52	1.79	1.45	1.60	1.88
200	1.15	1.18	1.22	1.12	1.16	1.21	1.15	1.17	1.21	1.12	1.16	1.20	1800	1.37	1.52	1.79	1.46	1.61	1.89
300	1.14	1.18	1.22	1.11	1.15	1.20	1.15	1.18	1.22	1.13	1.16	1.20	1900	1.37	1.53	1.80	1.47	1.63	1.92
400	1.14	1.17	1.22	1.11	1.15	1.19	1.14	1.17	1.21	1.13	1.16	1.21	2000	1.38	1.53	1.81	1.48	1.64	1.93
500	1.14	1.17	1.22	1.11	1.15	1.19	1.13	1.16	1.20	1.12	1.16	1.20	2100	1.38	1.53	1.79	1.48	1.64	1.92
600	1.13	1.17	1.22	1.11	1.15	1.20	1.13	1.16	1.20	1.12	1.16	1.20	2200	1.39	1.55	1.81	1.50	1.66	1.93
700	1.14	1.17	1.22	1.11	1.15	1.20	1.13	1.16	1.20	1.13	1.16	1.21	2300	1.40	1.56	1.82	1.51	1.68	1.95
800	1.15	1.18	1.23	1.12	1.16	1.21	1.13	1.15	1.19	1.13	1.17	1.22	2400	1.40	1.55	1.80	1.52	1.68	1.96
900	1.15	1.19	1.24	1.12	1.16	1.21	1.13	1.16	1.20	1.14	1.17	1.22	2500	1.40	1.55	1.80	1.53	1.69	1.95
1000	1.16	1.20	1.24	1.13	1.17	1.22	1.13	1.16	1.20	1.15	1.18	1.23	2600	1.41	1.57	1.82	1.54	1.70	1.96
1100	1.18	1.22	1.26	1.14	1.18	1.22	1.12	1.15	1.19	1.15	1.18	1.23	2700	1.42	1.57	1.82	1.55	1.71	1.98
1200	1.19	1.22	1.26	1.15	1.19	1.22	1.12	1.15	1.20	1.15	1.19	1.24	2800	1.42	1.56	1.80	1.56	1.71	1.97
1300	1.20	1.23	1.26	1.15	1.19	1.22	1.12	1.15	1.20	1.15	1.19	1.24	2900	1.43	1.59	1.82	1.55	1.71	1.95
1400	1.21	1.24	1.27	1.16	1.19	1.22	1.10	1.13	1.19	1.14	1.19	1.24	3000	1.43	1.58	1.80	1.56	1.71	1.95
1500	1.21	1.24	1.27	1.15	1.18	1.21	1.09	1.13	1.18	1.14	1.18	1.25	3250	1.43	1.58	1.80	1.57	1.71	1.93
1600	1.21	1.24	1.26	1.14	1.18	1.20	1.09	1.13	1.19	1.14	1.18	1.25	3500	1.44	1.57	1.77	1.57	1.71	1.93
1700	1.21	1.24	1.26	1.14	1.17	1.20	1.08	1.12	1.18	1.13	1.17	1.23	3750	1.43	1.54	1.74	1.56	1.67	1.86
1800	1.21	1.24	1.26	1.13	1.17	1.19	1.07	1.11	1.17	1.12	1.17	1.23	4000	1.39	1.51	1.70	1.55	1.65	1.81
1900	1.21	1.24	1.26	1.13	1.16	1.18	1.07	1.11	1.17	1.12	1.17	1.24	4250	1.37	1.48	1.67	1.50	1.59	1.74
2000	1.21	1.24	1.26	1.13	1.16	1.18	1.08	1.11	1.17	1.12	1.17	1.25	4500	1.37	1.45	1.64	1.46	1.53	1.66
2100	1.21	1.25	1.27	1.13	1.16	1.19	1.09	1.11	1.17	1.13	1.18	1.24	4750	1.33	1.41	1.57	1.41	1.47	1.59
2200	1.21	1.24	1.26	1.12	1.16	1.19	1.10	1.13	1.18	1.15	1.19	1.25	5000	1.30	1.39	1.53	1.35	1.39	1.52
2300	1.22	1.24	1.27	1.13	1.16	1.19	1.12	1.15	1.19	1.17	1.21	1.27	5250	1.27	1.34	1.50	1.29	1.33	1.45
2400	1.22	1.25	1.28	1.14	1.16	1.19	1.14	1.16	1.20	1.19	1.24	1.29	5500	1.25	1.31	1.44	1.23	1.27	1.39
2500	1.22	1.24	1.27	1.14	1.17	1.20	1.15	1.17	1.20	1.22	1.26	1.30	5750	1.24	1.29	1.42	1.19	1.22	1.35
2600	1.23	1.24	1.27	1.16	1.18	1.20	1.18	1.20	1.22	1.25	1.28	1.31	6000	1.21	1.27	1.41	1.14	1.21	1.35
2700	1.24	1.25	1.27	1.19	1.19	1.21	1.21	1.23	1.25	1.29	1.32	1.35							
2800	1.22	1.23	1.25	1.19	1.19	1.20	1.24	1.24	1.25	1.33	1.35	1.37							
2900	1.21	1.21	1.24	1.20	1.20	1.21	1.25	1.27	1.27	1.34	1.36	1.36							
3000	1.21	1.22	1.25	1.21	1.20	1.21	1.27	1.29	1.28	1.37	1.38	1.38							
3250	1.19	1.19	1.23	1.20	1.19	1.20	1.28	1.29	1.28	1.38	1.39	1.38							
3500	1.18	1.19	1.24	1.18	1.19	1.22	1.26	1.26	1.25	1.36	1.36	1.37							
3750	1.21	1.24	1.28	1.22	1.24	1.28	1.21	1.20	1.21	1.30	1.30	1.32							
4000	1.30	1.33	1.36	1.31	1.33	1.36	1.16	1.16	1.17	1.29	1.28	1.29							
4250	1.42	1.43	1.44	1.43	1.44	1.45	1.22	1.19	1.18	1.33	1.29	1.27							
4500	1.53	1.53	1.53	1.57	1.57	1.56	1.31	1.25	1.21	1.41	1.35	1.29							
4750	1.62	1.63	1.64	1.67	1.68	1.67	1.38	1.32	1.26	1.49	1.42	1.33							
5000	1.64	1.67	1.67	1.70	1.72	1.71	1.40	1.37	1.30	1.50	1.43	1.35							
5250	1.64	1.66	1.67	1.68	1.71	1.71	1.39	1.36	1.30	1.46	1.41	1.35							
5500	1.60	1.63	1.64	1.60	1.64	1.67	1.36	1.32	1.28	1.37	1.35	1.31							
5750	1.52	1.56	1.57	1.51	1.56	1.60	1.31	1.30	1.27	1.30	1.29	1.28							
6000	1.46	1.50	1.51	1.42	1.47	1.51	1.27	1.28	1.26	1.21	1.21	1.22							

***Note:**

State of Control Voltage	RF Common to	
	RF1	RF2
LOW	ON	OFF
HIGH	OFF	ON
ON - Low insertion loss state OFF - Isolation state		



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