Typical Performance Data

RF FREQ (GHz)	INSERTION LOSS (dB)		RF FREQ (GHz)	ISOLATION (dB)			
	VDD=+3V			VDD=+3V		VDD=+3V	
	RF COM-RF1	RF COM-RF2		RF COM-RF1	RF COM-RF2	RF1-RF2 State 1*	RF1-RF2 State 2*
0.1	0.83	0.85	0.1	86.9	89.1	86.4	86.0
0.5	0.87	0.88	0.5	75.1	75.9	73.8	74.0
1.0	0.90	0.90	1.0	71.0	71.0	68.6	69.0
1.2	0.91	0.91	1.2	69.5	69.7	67.6	68.0
1.4	0.93	0.93	1.4	69.0	69.0	66.5	66.9
1.6	0.94	0.94	1.6	68.5	68.4	65.6	66.0
1.8	0.95	0.94	1.8	68.1	68.0	65.0	65.4
2.0	0.95	0.95	2.0	68.0	67.5	64.4	64.8
2.2	0.95	0.95	2.2	68.0	67.2	63.8	64.4
2.4	0.94	0.94	2.4	68.0	66.8	63.4	64.0
2.6	0.96	0.95	2.6	67.7	65.7	62.6	63.1
2.8	0.95	0.94	2.8	68.2	66.0	62.4	62.5
3.0	0.95	0.96	3.0	71.2	67.5	61.9	62.7
3.2	0.97	0.96	3.2	78.6	68.8	61.9	64.7
3.4	0.98	0.98	3.4	76.8	68.0	62.5	65.5
3.6	1.00	1.01	3.6	76.6	68.0	62.9	66.6
3.8	1.06	1.03	3.8	75.2	67.3	63.0	67.7
4.0	1.12	1.09	4.0	69.8	66.7	63.2	69.0
4.2	1.15	1.14	4.2	66.2	65.6	64.0	71.9
4.4	1.19	1.17	4.4	62.9	64.1	64.5	74.7
4.6	1.23	1.23	4.6	60.5	63.0	64.2	77.9
4.8	1.27	1.30	4.8	58.7	61.7	62.7	77.1
5.0	1.29	1.33	5.0	57.5	60.7	60.9	68.0
5.2	1.36	1.38	5.2	55.8	57.4	58.5	62.3
5.4	1.39	1.42	5.4	53.8	54.9	56.3	58.6
5.6	1.45	1.45	5.6	52.1	53.4	54.7	56.1
5.8	1.49	1.48	5.8	50.1	51.8	53.2	53.7
6.0	1.54	1.51	6.0	48.3	50.2	52.4	51.6
6.5	1.75	1.64	6.5	46.3	47.1	49.6	48.8

***Note:**

State	State of Control Voltage		RF Common to	
	Conrol 1	Control 2	RF1	RF2
1	HIGH	LOW	ON	OFF
2	LOW	HIGH	OFF	ON
3	LOW	LOW	OFF	OFF
4	HIGH	HIGH	UNSUPPORTED	

Typical Performance Data

RF FREQ (GHz)	VSWR (:1) VDD=+3V				RF FREQ (GHz)	VSWR (:1) VDD=+3V	
	RF COM		RF1 (ON)	RF2 (ON)		RF1 (OFF)	RF2 (OFF)
	State 1*	State 2*	State 1*	State 2*		State 2*	State 1*
0.01	1.16	1.16	1.15	1.16	0.01	1.17	1.19
0.05	1.16	1.17	1.16	1.16	0.05	1.18	1.19
0.1	1.18	1.16	1.19	1.17	0.1	1.19	1.20
0.3	1.19	1.14	1.20	1.19	0.3	1.19	1.21
0.5	1.20	1.12	1.22	1.21	0.5	1.19	1.21
0.7	1.21	1.11	1.24	1.22	0.7	1.18	1.20
1.0	1.23	1.10	1.24	1.23	1.0	1.16	1.20
1.3	1.24	1.11	1.24	1.24	1.3	1.14	1.18
1.5	1.25	1.11	1.23	1.25	1.5	1.11	1.17
1.7	1.24	1.12	1.21	1.24	1.7	1.07	1.15
2.0	1.23	1.13	1.17	1.23	2.0	1.04	1.13
2.3	1.22	1.14	1.13	1.21	2.3	1.03	1.12
2.5	1.21	1.15	1.10	1.19	2.5	1.06	1.12
2.7	1.22	1.16	1.08	1.18	2.7	1.10	1.13
3.0	1.22	1.19	1.10	1.17	3.0	1.14	1.14
3.3	1.24	1.22	1.13	1.18	3.3	1.18	1.16
3.5	1.26	1.27	1.17	1.18	3.5	1.22	1.19
3.7	1.29	1.32	1.22	1.21	3.7	1.25	1.21
4.0	1.31	1.37	1.26	1.24	4.0	1.28	1.24
4.3	1.34	1.41	1.30	1.27	4.3	1.30	1.27
4.5	1.37	1.46	1.33	1.31	4.5	1.31	1.28
4.7	1.40	1.51	1.36	1.34	4.7	1.31	1.30
5.0	1.43	1.54	1.37	1.37	5.0	1.31	1.31
5.3	1.45	1.56	1.38	1.39	5.3	1.29	1.31
5.5	1.48	1.58	1.38	1.41	5.5	1.28	1.32
5.7	1.50	1.58	1.37	1.44	5.7	1.27	1.33
6.0	1.54	1.58	1.38	1.45	6.0	1.28	1.34
6.3	1.58	1.57	1.41	1.47	6.3	1.30	1.35
6.5	1.73	1.54	1.57	1.52	6.5	1.44	1.37

***Note:**

State	State of Control Voltage		RF Common to	
	Conrol 1	Control 2	RF1	RF2
1	HIGH	LOW	ON	OFF
2	LOW	HIGH	OFF	ON
3	LOW	LOW	OFF	OFF
4	HIGH	HIGH	UNSUPPORTED	
ON - Low insertion loss state				
OFF - Isolation state				

Typical Performance Data

RF FREQ (GHz)	INSERTION LOSS (dB) @ VDD=+3V OVER TEMPERTURE					
	RF COM-RF1			RF COM-RF2		
	-40°C	+25°C	+105°C	-40°C	+25°C	+105°C
0.01	0.79	0.86	0.95	0.79	0.86	0.95
0.05	0.80	0.87	0.95	0.80	0.87	0.95
0.1	0.80	0.87	0.96	0.80	0.87	0.96
0.3	0.82	0.89	0.97	0.82	0.89	0.97
0.5	0.83	0.90	0.99	0.83	0.90	0.99
0.7	0.85	0.92	1.01	0.85	0.92	1.01
1.0	0.87	0.94	1.04	0.87	0.94	1.04
1.3	0.89	0.96	1.07	0.89	0.96	1.07
1.5	0.90	0.98	1.08	0.90	0.98	1.08
1.7	0.91	0.99	1.10	0.91	0.99	1.10
2.0	0.93	1.01	1.12	0.93	1.01	1.12
2.3	0.95	1.03	1.15	0.95	1.03	1.15
2.5	0.96	1.05	1.17	0.96	1.05	1.17
2.7	0.98	1.07	1.19	0.98	1.07	1.19
3.0	1.00	1.10	1.22	1.00	1.10	1.22
3.3	1.03	1.13	1.26	1.03	1.13	1.26
3.5	1.05	1.15	1.28	1.05	1.15	1.28
3.7	1.07	1.18	1.31	1.07	1.18	1.31
4.0	1.10	1.21	1.36	1.10	1.21	1.36
4.3	1.13	1.25	1.40	1.13	1.25	1.40
4.5	1.15	1.27	1.42	1.15	1.27	1.42
4.7	1.17	1.29	1.44	1.17	1.29	1.44
5.0	1.18	1.31	1.47	1.18	1.31	1.47
5.3	1.18	1.31	1.47	1.18	1.31	1.47
5.5	1.18	1.31	1.47	1.18	1.31	1.47
5.7	1.18	1.31	1.47	1.18	1.31	1.47
6.0	1.18	1.31	1.47	1.18	1.31	1.47
6.3	1.18	1.31	1.47	1.18	1.31	1.47
6.5	1.19	1.32	1.48	1.19	1.32	1.48

RF FREQ (GHz)	ISOLATION (dB) @ VDD=+3V OVER TEMPERTURE											
	RF COM-RF1			RF COM-RF2			RF1-RF2 State 1*			RF1-RF2 State 2*		
	-40°C	+25°C	+105°C	-40°C	+25°C	+105°C	-40°C	+25°C	+105°C	-40°C	+25°C	+105°C
0.01	81.25	81.30	80.66	81.25	81.30	80.66	85.82	85.09	84.39	85.82	85.09	84.39
0.05	81.22	81.19	80.53	81.22	81.19	80.53	85.09	84.39	83.75	85.09	84.39	83.75
0.1	81.08	80.93	80.25	81.08	80.93	80.25	83.93	83.29	82.68	83.93	83.29	82.68
0.3	80.06	79.43	78.80	80.06	79.43	78.80	79.29	78.86	78.50	79.29	78.86	78.50
0.5	75.90	75.22	74.54	75.90	75.22	74.54	74.37	73.97	73.64	74.37	73.97	73.64
0.7	73.56	72.84	72.22	73.56	72.84	72.22	71.60	71.23	70.92	71.60	71.23	70.92
1.0	71.25	70.59	69.96	71.25	70.59	69.96	68.96	68.66	68.40	68.96	68.66	68.40
1.3	69.74	69.14	68.49	69.74	69.14	68.49	67.22	66.99	66.77	67.22	66.99	66.77
1.5	69.17	68.54	67.96	69.17	68.54	67.96	66.37	66.12	65.95	66.37	66.12	65.95
1.7	68.80	68.20	67.64	68.80	68.20	67.64	65.56	65.34	65.23	65.56	65.34	65.23
2.0	68.63	68.09	67.59	68.63	68.09	67.59	64.65	64.51	64.46	64.65	64.51	64.46
2.3	68.82	68.34	67.99	68.82	68.34	67.99	64.02	63.91	63.96	64.02	63.91	63.96
2.5	69.15	68.76	68.49	69.15	68.76	68.49	63.69	63.60	63.75	63.69	63.60	63.75
2.7	69.67	69.33	69.16	69.67	69.33	69.16	63.35	63.38	63.56	63.35	63.38	63.56
3.0	71.06	70.91	70.93	71.06	70.91	70.93	63.01	63.16	63.47	63.01	63.16	63.47
3.3	73.76	74.02	74.14	73.76	74.02	74.14	63.08	63.37	63.95	63.08	63.37	63.95
3.5	75.66	75.74	75.45	75.66	75.74	75.45	63.44	63.90	64.68	63.44	63.90	64.68
3.7	76.14	75.74	74.46	76.14	75.74	74.46	63.99	64.66	65.80	63.99	64.66	65.80
4.0	72.77	71.46	69.43	72.77	71.46	69.43	65.14	66.28	68.32	65.14	66.28	68.32
4.3	66.87	65.55	63.90	66.87	65.55	63.90	66.49	68.23	71.24	66.49	68.23	71.24
4.5	63.44	62.34	60.97	63.44	62.34	60.97	66.61	68.52	71.42	66.61	68.52	71.42
4.7	60.62	59.70	58.50	60.62	59.70	58.50	65.65	67.26	69.20	65.65	67.26	69.20
5.0	57.07	56.27	55.31	57.07	56.27	55.31	62.76	63.26	63.51	62.76	63.26	63.51
5.3	56.83	56.05	55.11	56.83	56.05	55.11	62.56	62.98	63.12	62.56	62.98	63.12
5.5	56.61	55.83	54.90	56.61	55.83	54.90	62.36	62.71	62.77	62.36	62.71	62.77
5.7	56.38	55.61	54.70	56.38	55.61	54.70	62.18	62.44	62.43	62.18	62.44	62.43
6.0	56.16	55.40	54.50	56.16	55.40	54.50	61.99	62.19	62.10	61.99	62.19	62.10
6.3	55.94	55.19	54.30	55.94	55.19	54.30	61.81	61.94	61.80	61.81	61.94	61.80
6.5	55.73	54.99	54.11	55.73	54.99	54.11	61.63	61.69	61.50	61.63	61.69	61.50

***Note:**

State	State of Control Voltage		RF Common to	
	Conrol 1	Control 2	RF1	RF2
1	HIGH	LOW	ON	OFF
2	LOW	HIGH	OFF	ON
3	LOW	LOW	OFF	OFF
4	HIGH	HIGH	UNSUPPORTED	

ON - Low insertion loss state
OFF - Isolation state

Typical Performance Data

RF FREQ (GHz)	VSWR (:1) @ VDD=+3V OVER TEMPERTURE											
	RF COM						RF1			RF2		
	State 1*			State 2*			State 1*			State 2*		
	-40°C	+25°C	+105°C	-40°C	+25°C	+105°C	-40°C	+25°C	+105°C	-40°C	+25°C	+105°C
0.01	1.15	1.16	1.18	1.15	1.17	1.18	1.15	1.16	1.18	1.15	1.16	1.18
0.05	1.15	1.16	1.18	1.15	1.16	1.18	1.15	1.16	1.18	1.15	1.16	1.18
0.1	1.15	1.16	1.18	1.15	1.16	1.18	1.15	1.16	1.18	1.15	1.16	1.18
0.3	1.14	1.16	1.18	1.15	1.16	1.18	1.15	1.16	1.18	1.15	1.16	1.18
0.5	1.14	1.15	1.17	1.14	1.16	1.17	1.15	1.16	1.18	1.15	1.16	1.18
0.7	1.13	1.15	1.16	1.14	1.15	1.17	1.15	1.16	1.18	1.15	1.16	1.18
1.0	1.12	1.13	1.15	1.13	1.15	1.16	1.14	1.16	1.18	1.14	1.16	1.18
1.3	1.11	1.12	1.14	1.12	1.14	1.16	1.13	1.15	1.17	1.13	1.15	1.17
1.5	1.10	1.12	1.14	1.11	1.13	1.15	1.12	1.14	1.15	1.12	1.14	1.15
1.7	1.10	1.11	1.13	1.11	1.12	1.15	1.11	1.12	1.14	1.11	1.12	1.14
2.0	1.09	1.10	1.13	1.09	1.10	1.13	1.08	1.09	1.11	1.08	1.09	1.11
2.3	1.08	1.10	1.12	1.07	1.09	1.12	1.05	1.06	1.08	1.05	1.06	1.08
2.5	1.08	1.10	1.13	1.07	1.09	1.12	1.04	1.05	1.07	1.04	1.05	1.07
2.7	1.08	1.10	1.13	1.08	1.10	1.12	1.04	1.05	1.07	1.04	1.05	1.07
3.0	1.09	1.11	1.14	1.10	1.12	1.14	1.06	1.08	1.09	1.06	1.08	1.09
3.3	1.11	1.13	1.16	1.13	1.14	1.16	1.09	1.10	1.12	1.09	1.10	1.12
3.5	1.12	1.14	1.17	1.16	1.17	1.19	1.11	1.12	1.14	1.11	1.12	1.14
3.7	1.13	1.16	1.19	1.20	1.21	1.22	1.12	1.14	1.16	1.12	1.14	1.16
4.0	1.16	1.19	1.22	1.25	1.26	1.27	1.15	1.16	1.18	1.15	1.16	1.18
4.3	1.20	1.23	1.26	1.29	1.30	1.32	1.17	1.19	1.20	1.17	1.19	1.20
4.5	1.23	1.25	1.29	1.33	1.34	1.35	1.19	1.21	1.22	1.19	1.21	1.22
4.7	1.26	1.28	1.31	1.36	1.37	1.38	1.22	1.23	1.25	1.22	1.23	1.25
5.0	1.30	1.33	1.35	1.38	1.40	1.41	1.26	1.28	1.29	1.26	1.28	1.29
5.3	1.31	1.33	1.36	1.39	1.40	1.41	1.27	1.28	1.29	1.27	1.28	1.29
5.5	1.31	1.33	1.36	1.39	1.40	1.42	1.27	1.29	1.30	1.27	1.29	1.30
5.7	1.31	1.34	1.36	1.39	1.40	1.42	1.27	1.29	1.30	1.27	1.29	1.30
6.0	1.32	1.34	1.37	1.39	1.40	1.42	1.28	1.29	1.30	1.28	1.29	1.30
6.3	1.32	1.34	1.37	1.39	1.40	1.42	1.28	1.30	1.30	1.28	1.30	1.30
6.5	1.32	1.35	1.37	1.39	1.40	1.42	1.28	1.30	1.31	1.28	1.30	1.31

RF FREQ (GHz)	VSWR (:1) @ VDD=+3V OVER TEMPERTURE					
	RF1			RF2		
	State 2*			State 1*		
	-40°C	+25°C	+105°C	-40°C	+25°C	+105°C
0.01	1.12	1.21	1.31	1.12	1.21	1.31
0.05	1.12	1.21	1.31	1.12	1.21	1.31
0.1	1.12	1.21	1.31	1.12	1.21	1.31
0.3	1.12	1.21	1.31	1.12	1.21	1.31
0.5	1.12	1.21	1.31	1.12	1.21	1.31
0.7	1.12	1.21	1.31	1.12	1.21	1.31
1.0	1.12	1.20	1.31	1.12	1.20	1.31
1.3	1.12	1.20	1.31	1.12	1.20	1.31
1.5	1.12	1.20	1.30	1.12	1.20	1.30
1.7	1.12	1.20	1.30	1.12	1.20	1.30
2.0	1.11	1.19	1.29	1.11	1.19	1.29
2.3	1.10	1.18	1.28	1.10	1.18	1.28
2.5	1.10	1.18	1.27	1.10	1.18	1.27
2.7	1.10	1.17	1.27	1.10	1.17	1.27
3.0	1.10	1.17	1.26	1.10	1.17	1.26
3.3	1.11	1.17	1.26	1.11	1.17	1.26
3.5	1.12	1.17	1.26	1.12	1.17	1.26
3.7	1.12	1.18	1.26	1.12	1.18	1.26
4.0	1.14	1.18	1.26	1.14	1.18	1.26
4.3	1.16	1.18	1.26	1.16	1.18	1.26
4.5	1.18	1.19	1.26	1.18	1.19	1.26
4.7	1.19	1.21	1.27	1.19	1.21	1.27
5.0	1.23	1.24	1.28	1.23	1.24	1.28
5.3	1.23	1.24	1.29	1.23	1.24	1.29
5.5	1.23	1.24	1.29	1.23	1.24	1.29
5.7	1.23	1.24	1.29	1.23	1.24	1.29
6.0	1.24	1.24	1.29	1.24	1.24	1.29
6.3	1.24	1.25	1.29	1.24	1.25	1.29
6.5	1.24	1.25	1.29	1.24	1.25	1.29

***Note:**

State	State of Control Voltage		RF Common to	
	Conrol 1	Control 2	RF1	RF2
1	HIGH	LOW	ON	OFF
2	LOW	HIGH	OFF	ON
3	LOW	LOW	OFF	OFF
4	HIGH	HIGH	UNSUPPORTED	

ON - Low insertion loss state

OFF - Isolation state