Typical Performance Data

INSERTION LOSS (dB)

RF FREQ (MHz)	VDD=+2.3V		VDD=+3V		VDD=+4.8V	
	RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2
10.0	0.28	0.27	0.28	0.27	0.28	0.27
50.0	0.28	0.28	0.28	0.27	0.28	0.27
100.0	0.28	0.28	0.28	0.28	0.28	0.28
200.0	0.29	0.28	0.29	0.28	0.29	0.28
300.0	0.29	0.29	0.29	0.29	0.29	0.29
400.0	0.30	0.29	0.29	0.29	0.29	0.29
500.0	0.30	0.30	0.30	0.29	0.30	0.30
600.0	0.30	0.30	0.30	0.30	0.30	0.30
700.0	0.31	0.31	0.31	0.31	0.31	0.31
800.0	0.31	0.31	0.31	0.31	0.31	0.31
900.0	0.31	0.31	0.31	0.31	0.31	0.31
1000.0	0.32	0.32	0.31	0.31	0.32	0.31
1200.0	0.32	0.32	0.32	0.32	0.32	0.32
1400.0	0.33	0.33	0.33	0.33	0.33	0.33
1600.0	0.34	0.34	0.34	0.34	0.34	0.34
1800.0	0.34	0.35	0.34	0.34	0.34	0.35
2000.0	0.35	0.36	0.35	0.36	0.35	0.36
2200.0	0.36	0.37	0.36	0.36	0.36	0.37
2400.0	0.37	0.37	0.37	0.37	0.37	0.37
2600.0	0.37	0.38	0.37	0.38	0.37	0.38
2800.0	0.37	0.38	0.37	0.38	0.37	0.38
3000.0	0.37	0.38	0.37	0.39	0.37	0.38
3200.0	0.38	0.39	0.38	0.39	0.38	0.39
3400.0	0.38	0.39	0.38	0.39	0.38	0.39
3600.0	0.39	0.41	0.39	0.40	0.40	0.41
3800.0	0.41	0.42	0.41	0.42	0.41	0.43
4000.0	0.44	0.45	0.43	0.44	0.44	0.45
4200.0	0.47	0.49	0.47	0.49	0.47	0.48
4400.0	0.49	0.51	0.49	0.51	0.48	0.49
4600.0	0.52	0.54	0.52	0.54	0.52	0.53
4800.0	0.53	0.55	0.53	0.55	0.52	0.54
5000.0	0.54	0.56	0.54	0.56	0.54	0.55
5200.0	0.53	0.56	0.53	0.56	0.53	0.56
5400.0	0.51	0.55	0.52	0.55	0.52	0.55
5600.0	0.50	0.54	0.50	0.54	0.50	0.55
5800.0	0.48	0.52	0.48	0.52	0.48	0.53
6000.0	0.46	0.52	0.46	0.51	0.47	0.53
6200.0	0.45	0.53	0.44	0.52	0.45	0.52
6400.0	0.46	0.57	0.45	0.54	0.44	0.52
6600.0	0.48	0.59	0.46	0.59	0.45	0.54
6800.0	0.48	0.61	0.50	0.64	0.47	0.58
7000.0	0.50	0.60	0.53	0.65	0.50	0.62
7200.0	0.54	0.64	0.54	0.65	0.54	0.67
7400.0	0.56	0.65	0.57	0.67	0.59	0.72
7600.0	0.59	0.72	0.60	0.71	0.62	0.75
7800.0	0.64	0.78	0.64	0.75	0.66	0.79
8000.0	0.66	0.81	0.66	0.77	0.68	0.80

ISOLATION (dB) (ENABLE-HIGH*)

RF FREQ (MHz)	VDD=+2.3V		VDD=+3V		VDD=+4.8V		VDD=+2.3V		VDD=+3V		VDD=+4.8V	
	RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2	RF COM-RF1	RF COM-RF2	RF1-RF2 Control LOW*	RF1-RF2 Control HIGH*	RF1-RF2 Control LOW*	RF1-RF2 Control HIGH*	RF1-RF2 Control LOW*	RF1-RF2 Control HIGH*
10.0	67.16	69.44	77.93	68.68	72.45	80.82	75.45	80.45	77.62	76.04	94.78	82.09
50.0	67.11	70.00	66.24	70.76	68.51	68.25	71.37	70.02	71.30	70.60	70.20	70.43
100.0	62.79	62.80	62.73	63.09	62.86	62.90	66.92	67.06	67.38	67.00	67.09	67.10
200.0	56.79	56.64	56.83	56.71	56.79	56.74	61.31	60.93	61.40	61.13	61.29	61.06
300.0	53.09	53.10	53.23	53.16	53.19	53.08	57.77	57.40	57.69	57.57	57.65	57.38
400.0	50.60	50.58	50.60	50.59	50.63	50.56	55.11	54.81	55.26	54.99	55.26	54.88
500.0	48.63	48.56	48.62	48.66	48.68	48.59	53.18	52.82	53.30	52.78	53.37	52.76
600.0	46.99	47.01	47.10	47.04	47.06	47.02	51.49	51.04	51.62	51.18	51.56	51.16
700.0	45.62	45.61	45.67	45.70	45.66	45.69	50.16	49.60	50.22	49.72	50.21	49.66
800.0	44.39	44.48	44.48	44.50	44.45	44.48	48.84	48.35	48.98	48.40	48.90	48.39
900.0	43.32	43.41	43.38	43.46	43.38	43.45	47.70	47.12	47.80	47.25	47.74	47.20
1000.0	42.35	42.45	42.42	42.51	42.40	42.48	46.67	46.09	46.76	46.18	46.72	46.19
1200.0	40.62	40.78	40.72	40.84	40.69	40.84	44.89	44.24	44.95	44.31	44.96	44.30
1400.0	39.16	39.36	39.21	39.41	39.21	39.41	43.28	42.62	43.38	42.64	43.32	42.61
1600.0	37.82	38.10	37.87	38.14	37.87	38.13	41.86	40.99	41.98	41.15	41.93	41.16
1800.0	36.65	36.99	36.68	37.01	36.68	36.99	40.59	39.77	40.72	39.75	40.66	39.81
2000.0	35.56	35.95	35.63	35.98	35.61	35.97	39.46	38.54	39.54	38.65	39.48	38.53
2200.0	34.55	35.00	34.64	35.03	34.60	35.02	38.42	37.37	38.51	37.49	38.45	37.41
2400.0	33.63	34.15	33.68	34.17	33.63	34.16	37.44	36.35	37.52	36.39	37.47	36.33
2600.0	32.72	33.33	32.73	33.36	32.71	33.34	36.54	35.37	36.59	35.33	36.57	35.29
2800.0	31.84	32.55	31.87	32.59	31.87	32.59	35.71	34.46	35.77	34.36	35.75	34.40
3000.0	31.01	31.84	30.94	31.86	31.03	31.85	34.87	33.50	34.92	33.37	34.90	33.45
3200.0	30.35	31.13	30.15	31.16	30.29	31.15	34.13	32.83	34.14	32.73	34.16	32.72
3400.0	29.58	30.49	29.68	30.53	29.48	30.51	33.37	31.96	33.39	32.30	33.38	31.91
3600.0	28.94	29.90	29.15	29.92	28.74	29.88	32.66	31.17	32.68	31.47	32.65	31.18
3800.0	28.25	29.31	28.44	29.33	28.24	29.31	32.00	30.55	32.03	30.57	32.00	30.61
4000.0	27.54	28.72	27.62	28.77	27.68	28.72	31.26	29.76	31.32	29.68	31.23	29.97
4200.0	26.70	28.13	26.75	28.19	27.13	28.19	30.60	29.01	30.69	28.84	30.65	29.36
4400.0	26.28	27.57	26.04	27.57	26.62	27.61	29.95	28.50	29.92	28.41	29.89	28.70
4600.0	25.84	27.01	25.97	27.05	25.98	27.05	29.26	28.04	29.24	28.21	29.23	27.97
4800.0	25.30	26.47	25.46	26.50	25.27	26.52	28.55	27.55	28.61	27.40	28.61	27.16
5000.0	24.76	25.93	24.72	25.93	24.67	25.95	27.83	26.45	27.89	26.52	27.89	26.43
5200.0	24.03	25.33	24.01	25.36	23.80	25.38	27.17	25.83	27.21	25.72	27.30	25.47
5400.0	23.41	24.75	23.29	24.80	23.10	24.81	26.43	25.04	26.51	24.86	26.60	24.67
5600.0	22.68	24.22	22.55	24.22	22.48	24.21	25.90	24.19	25.90	24.10	25.97	24.05
5800.0	21.96	23.61	22.10	23.58	22.02	23.54	25.16	23.38	25.15	23.56	25.22	23.57
6000.0	21.46	23.01	21.54	23.01	21.42	22.95	24.51	22.60	24.51	22.90	24.55	22.96
6200.0	20.64	22.52	20.89	22.51	20.94	22.42	23.99	21.60	23.96	22.16	23.91	22.39
6400.0	19.92	21.90	20.22	21.99	20.42	21.88	23.28	21.39	23.38	21.36	23.24	21.72
6600.0	19.87	21.22	19.55	21.40	19.98	21.37	22.59	21.27	22.81	20.76	22.64	21.22
6800.0	19.43	20.73	19.24	20.85	19.47	20.92	22.00	20.71	22.17	20.44	22.06	20.54
7000.0	19.26	20.38	19.04	20.34	19.01	20.46	21.40	20.41	21.48	20.21	21.52	20.09
7200.0	18.87	20.01	18.92	19.95	18.62	20.12	21.04	20.16	20.99	20.04	21.14	19.65
7400.0	18.58	19.70	18.59	19.59	18.34	19.66	20.57	19.53	20.44	19.54	20.61	19.23
7600.0	17.95	19.39	18.19	19.27	17.98	19.26	20.26	19.07	20.16	19.19	20.27	18.91
7800.0	17.66	19.06	17.79	18.99	17.74	18.92	19.90	18.26	19.77	18.65	19.77	18.55
8000.0	17.42	18.59	17.45	18.61	17.51	18.45	19.64	17.97	19.37	18.24	19.36	18.24

*Note:

	State of:		RF Common to	
Control Voltage	Enable		RF1	RF2
HIGH	HIGH		ON	OFF
LOW	HIGH		OFF	ON
LOW/HIGH	LOW		Shutdown	

ON - Low insertion loss state
OFF - Isolation state

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ISO 9001 ISO 14001 AS 9100 CERTIFIED

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Typical Performance Data

VSWR (:1)-ON STATE (ENABLE-HIGH*)

RF FREQ (MHz)	VDD=+2.3V				VDD=+3V				VDD=+4.8V			
	RF COM		RF1	RF2	RF COM		RF1	RF2	RF COM		RF1	RF2
	Control LOW*	Control HIGH*	Control HIGH*	Control LOW*	Control LOW*	Control HIGH*	Control HIGH*	Control LOW*	Control LOW*	Control HIGH*	Control HIGH*	Control LOW*
10.0	1.04	1.04	1.05	1.04	1.04	1.04	1.04	1.04	1.05	1.04	1.05	1.05
50.0	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
100.0	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
200.0	1.05	1.05	1.04	1.04	1.05	1.05	1.04	1.04	1.05	1.05	1.04	1.04
300.0	1.05	1.05	1.05	1.04	1.05	1.05	1.05	1.04	1.05	1.05	1.05	1.05
400.0	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
500.0	1.06	1.06	1.06	1.05	1.06	1.06	1.06	1.05	1.06	1.06	1.06	1.05
600.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
700.0	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
800.0	1.08	1.07	1.08	1.07	1.08	1.07	1.08	1.07	1.07	1.07	1.08	1.07
900.0	1.08	1.08	1.09	1.08	1.08	1.08	1.09	1.08	1.07	1.08	1.09	1.08
1000.0	1.09	1.09	1.10	1.09	1.09	1.09	1.10	1.09	1.08	1.08	1.10	1.09
1200.0	1.10	1.10	1.11	1.10	1.10	1.09	1.11	1.10	1.09	1.09	1.10	1.09
1400.0	1.11	1.11	1.13	1.12	1.11	1.11	1.13	1.12	1.11	1.11	1.13	1.12
1600.0	1.12	1.12	1.14	1.13	1.12	1.12	1.14	1.13	1.12	1.12	1.14	1.13
1800.0	1.13	1.13	1.15	1.14	1.13	1.13	1.15	1.14	1.13	1.13	1.15	1.14
2000.0	1.14	1.15	1.16	1.16	1.14	1.15	1.16	1.16	1.15	1.15	1.17	1.16
2200.0	1.15	1.15	1.17	1.16	1.15	1.15	1.17	1.16	1.15	1.15	1.17	1.16
2400.0	1.15	1.15	1.16	1.16	1.15	1.16	1.16	1.15	1.15	1.16	1.17	1.16
2600.0	1.13	1.14	1.14	1.14	1.13	1.14	1.15	1.14	1.13	1.15	1.15	1.14
2800.0	1.10	1.12	1.11	1.11	1.10	1.12	1.11	1.11	1.11	1.13	1.12	1.11
3000.0	1.07	1.10	1.09	1.08	1.08	1.10	1.09	1.08	1.08	1.11	1.09	1.09
3200.0	1.06	1.08	1.06	1.04	1.06	1.08	1.05	1.04	1.06	1.08	1.05	1.04
3400.0	1.07	1.08	1.07	1.04	1.07	1.08	1.07	1.04	1.07	1.07	1.07	1.04
3600.0	1.12	1.11	1.12	1.09	1.13	1.12	1.12	1.09	1.13	1.12	1.12	1.09
3800.0	1.18	1.17	1.18	1.15	1.19	1.17	1.18	1.15	1.19	1.17	1.18	1.15
4000.0	1.25	1.22	1.25	1.21	1.25	1.22	1.25	1.21	1.25	1.22	1.25	1.22
4200.0	1.33	1.30	1.32	1.29	1.33	1.30	1.33	1.29	1.33	1.31	1.33	1.30
4400.0	1.38	1.34	1.38	1.35	1.38	1.34	1.38	1.35	1.37	1.34	1.38	1.35
4600.0	1.44	1.41	1.44	1.41	1.44	1.41	1.44	1.41	1.44	1.41	1.44	1.41
4800.0	1.46	1.43	1.46	1.44	1.46	1.43	1.47	1.44	1.44	1.42	1.45	1.43
5000.0	1.48	1.45	1.49	1.46	1.47	1.44	1.48	1.46	1.47	1.44	1.48	1.45
5200.0	1.46	1.44	1.46	1.44	1.46	1.43	1.46	1.44	1.44	1.41	1.44	1.42
5400.0	1.41	1.38	1.42	1.40	1.41	1.38	1.42	1.40	1.40	1.37	1.41	1.39
5600.0	1.37	1.34	1.38	1.36	1.37	1.34	1.38	1.36	1.37	1.33	1.37	1.36
5800.0	1.30	1.26	1.30	1.27	1.30	1.25	1.30	1.27	1.29	1.25	1.30	1.28
6000.0	1.23	1.18	1.23	1.20	1.23	1.18	1.23	1.21	1.24	1.20	1.25	1.23
6200.0	1.14	1.10	1.14	1.14	1.14	1.11	1.15	1.14	1.16	1.12	1.16	1.16
6400.0	1.08	1.03	1.08	1.07	1.07	1.03	1.07	1.07	1.08	1.04	1.09	1.08
6600.0	1.02	1.03	1.04	1.04	1.01	1.04	1.03	1.04	1.03	1.01	1.03	1.04
6800.0	1.08	1.10	1.09	1.07	1.08	1.11	1.10	1.07	1.08	1.11	1.08	1.08
7000.0	1.16	1.18	1.16	1.14	1.15	1.17	1.17	1.13	1.14	1.17	1.15	1.14
7200.0	1.23	1.24	1.23	1.20	1.23	1.24	1.23	1.20	1.22	1.25	1.23	1.21
7400.0	1.28	1.31	1.28	1.27	1.28	1.30	1.28	1.26	1.28	1.33	1.29	1.27
7600.0	1.31	1.33	1.32	1.29	1.31	1.34	1.32	1.30	1.31	1.34	1.32	1.29
7800.0	1.37	1.40	1.37	1.36	1.37	1.40	1.36	1.35	1.39	1.42	1.38	1.34
8000.0	1.35	1.39	1.36	1.34	1.36	1.39	1.36	1.34	1.36	1.40	1.37	1.34

VSWR (:1)- OFF STATE (ENABLE-HIGH*)

RF FREQ (MHz)	VDD=+2.3V		VDD=+3V		VDD=+4.8V	
	RF1	RF2	RF1	RF2	RF1	RF2
	Control LOW*	Control HIGH*	Control LOW*	Control HIGH*	Control LOW*	Control HIGH*
10.0	3.76	3.79	3.80	3.82	3.79	3.81
50.0	3.76	3.79	3.79	3.82	3.77	3.81
100.0	3.75	3.78	3.79	3.82	3.76	3.80
200.0	3.73	3.76	3.76	3.80	3.75	3.78
300.0	3.72	3.76	3.76	3.79	3.73	3.78
400.0	3.70	3.75	3.73	3.78	3.72	3.76
500.0	3.68	3.73	3.72	3.76	3.70	3.74
600.0	3.67	3.71	3.70	3.75	3.68	3.73
700.0	3.65	3.69	3.69	3.73	3.67	3.70
800.0	3.62	3.67	3.66	3.71	3.65	3.69
900.0	3.60	3.66	3.64	3.70	3.62	3.68
1000.0	3.58	3.65	3.62	3.67	3.60	3.66
1200.0	3.56	3.61	3.59	3.65	3.58	3.64
1400.0	3.50	3.57	3.54	3.60	3.53	3.59
1600.0	3.46	3.53	3.48	3.56	3.49	3.55
1800.0	3.41	3.48	3.44	3.51	3.44	3.50
2000.0	3.36	3.43	3.39	3.46	3.40	3.45
2200.0	3.31	3.37	3.34	3.40	3.34	3.39
2400.0	3.26	3.33	3.29	3.35	3.27	3.35
2600.0	3.22	3.30	3.26	3.33	3.25	3.31
2800.0	3.20	3.27	3.24	3.30	3.21	3.29
3000.0	3.21	3.26	3.24	3.29	3.24	3.27
3200.0	3.24	3.27	3.25	3.30	3.25	3.29
3400.0	3.30	3.30	3.31	3.33	3.29	3.32
3600.0	3.38	3.39	3.43	3.42	3.39	3.40
3800.0	3.51	3.50	3.56	3.54	3.52	3.52
4000.0	3.68	3.62	3.73	3.65	3.69	3.63
4200.0	3.84	3.79	3.88	3.82	3.86	3.81
4400.0	3.99	3.95	4.01	4.00	4.06	3.98
4600.0	4.22	4.15	4.26	4.20	4.27	4.16
4800.0	4.40	4.33	4.46	4.37	4.41	4.37
5000.0	4.60	4.51	4.64	4.55	4.61	4.52
5200.0	4.69	4.62	4.73	4.66	4.69	4.63
5400.0	4.80	4.74	4.83	4.78	4.78	4.75
5600.0	4.87	4.80	4.88	4.84	4.86	4.83
5800.0	4.88	4.78	4.87	4.80	4.80	4.79
6000.0	4.86	4.72	4.86	4.75	4.79	4.77
6200.0	4.69	4.64	4.74	4.69	4.69	4.70
6400.0	4.55	4.52	4.63	4.56	4.62	4.56
6600.0	4.35	4.39	4.43	4.42	4.45	4.43
6800.0	4.23	4.22	4.26	4.27	4.30	4.26
7000.0	4.09	4.14	4.09	4.18	4.15	4.13
7200.0	3.92	4.01	3.94	4.04	3.97	4.01
7400.0	3.85	3.86	3.86	3.88	3.86	3.84
7600.0	3.74	3.79	3.77	3.81	3.76	3.75
7800.0	3.64	3.65	3.67	3.67	3.64	3.70
8000.0	3.59	3.58	3.64	3.60	3.64	3.59

*Note:

State of:		RF Common to	
Control Voltage	Enable	RF1	RF2
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	

ON - Low insertion loss state
OFF - Isolation state

RF Switch SPDT   JSW2-63DR+

Typical Performance Data

RF FREQ (MHz)	INPUT IP3 (dBm)		RF FREQ (MHz)	COMPRESSION (dB) @ FIXED POWER FOR PIN=34.5dBm	
	VDD=+3V			VDD=+3V	
	RF COM-RF1	RF COM-RF2		RF COM-RF1	RF COM-RF2
10.0	56.33	56.63	200.0	0.00	0.00
50.0	60.08	59.79	300.0	0.00	0.00
100.0	61.79	61.16	400.0	0.00	0.00
200.0	63.24	63.12	500.0	0.00	0.01
300.0	61.57	60.60	600.0	-0.02	-0.01
400.0	63.08	62.28	700.0	-0.01	-0.01
500.0	67.05	67.90	800.0	-0.02	-0.02
600.0	62.28	62.59	900.0	-0.01	-0.02
700.0	65.27	65.45	1000.0	-0.03	-0.02
800.0	62.01	62.30	1200.0	-0.02	-0.02
900.0	62.65	62.58	1400.0	-0.05	-0.03
1000.0	67.76	66.95	1600.0	-0.05	-0.05
1200.0	62.06	62.89	1800.0	-0.06	-0.06
1400.0	64.26	66.77	2000.0	-0.08	-0.06
1600.0	64.66	63.98	2200.0	-0.08	-0.07
1800.0	65.54	67.66	2400.0	-0.08	-0.07
2000.0	64.02	64.13	2600.0	0.02	0.00
2200.0	63.16	63.48	2800.0	0.02	0.00
2400.0	63.49	65.64	3000.0	0.02	0.02
2600.0	65.25	65.25	3200.0	0.02	0.02
2800.0	65.96	66.00	3400.0	0.01	0.01
3000.0	63.76	63.17	3600.0	0.02	0.02
3200.0	62.33	62.17	3800.0	0.02	0.01
3400.0	62.82	62.56	4000.0	0.01	0.01
3600.0	61.77	61.20	4200.0	0.03	0.00
3800.0	60.23	59.81	4400.0	0.01	0.00
4000.0	60.20	60.33	4600.0	0.00	0.02
4200.0	63.45	63.66	4800.0	0.02	0.01
4400.0	61.66	61.95	5000.0	0.02	0.02
4600.0	60.89	61.12	5200.0	0.00	0.02
4800.0	60.63	60.77	5400.0	0.01	0.01
5000.0	63.41	64.90	5600.0	0.03	0.01
5200.0	60.84	61.79	5800.0	0.01	0.02
5400.0	61.67	61.65	6000.0	0.02	0.02
5600.0	64.74	64.20			
5800.0	62.95	63.54			
6000.0	61.68	62.33			

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB) @ VDD=+3V OVER TEMPERTURE (ENABLE-HIGH*) RF COM-RF1 -45°C	+25°C	+85°C	RF COM-RF2 -45°C	+25°C	+85°C	RF FREQ (MHz)	ISOLATION (dB) @ VDD=+3V OVER TEMPERTURE (ENABLE-HIGH*) RF COM-RF1 -45°C	+25°C	+85°C	RF COM-RF2 -45°C	+25°C	+85°C	RF1-RF2 Control LOW* -45°C	+25°C	+85°C	RF1-RF2 Control HIGH* -45°C	+25°C	+85°C
10.0	0.23	0.28	0.33	0.22	0.27	0.32	10.0	77.00	77.93	68.34	71.18	68.68	67.87	80.62	77.62	79.90	75.47	76.04	76.35
50.0	0.23	0.28	0.32	0.22	0.27	0.32	50.0	68.09	66.24	65.48	73.40	70.76	68.97	77.66	71.30	69.57	73.47	70.60	70.46
100.0	0.23	0.28	0.33	0.23	0.28	0.32	100.0	64.59	62.73	61.62	64.57	63.09	61.74	71.12	67.38	65.62	70.49	67.00	64.94
200.0	0.23	0.29	0.33	0.22	0.28	0.33	200.0	58.27	56.83	55.67	58.10	56.71	55.59	64.49	61.40	59.52	63.85	61.13	59.22
300.0	0.22	0.29	0.34	0.22	0.29	0.34	300.0	54.52	53.23	52.19	54.53	53.16	52.12	60.56	57.69	56.09	60.07	57.57	55.64
400.0	0.22	0.29	0.35	0.21	0.29	0.35	400.0	51.93	50.60	49.58	51.97	50.59	49.56	57.93	55.26	53.46	57.48	54.99	53.22
500.0	0.21	0.30	0.36	0.21	0.29	0.36	500.0	50.01	48.62	47.62	49.94	48.66	47.64	55.91	53.30	51.47	55.26	52.78	51.15
600.0	0.21	0.30	0.37	0.20	0.30	0.37	600.0	48.37	47.10	46.01	48.38	47.04	46.05	54.04	51.62	49.88	53.41	51.18	49.58
700.0	0.21	0.31	0.38	0.20	0.31	0.38	700.0	46.95	45.67	44.71	46.99	45.70	44.69	52.64	50.22	48.54	51.86	49.72	48.19
800.0	0.20	0.31	0.39	0.19	0.31	0.39	800.0	45.75	44.48	43.49	45.79	44.50	43.52	51.27	48.98	47.36	50.53	48.40	46.90
900.0	0.20	0.31	0.40	0.19	0.31	0.40	900.0	44.61	43.38	42.43	44.72	43.46	42.49	49.98	47.80	46.22	49.18	47.25	45.77
1000.0	0.20	0.31	0.40	0.19	0.31	0.41	1000.0	43.62	42.42	41.51	43.70	42.51	41.55	48.81	46.76	45.24	48.03	46.18	44.80
1200.0	0.19	0.32	0.42	0.18	0.32	0.42	1200.0	41.79	40.72	39.82	41.99	40.84	39.92	46.83	44.95	43.52	45.94	44.31	43.01
1400.0	0.19	0.33	0.43	0.18	0.33	0.44	1400.0	40.27	39.21	38.38	40.51	39.41	38.54	45.09	43.38	42.03	44.15	42.64	41.47
1600.0	0.19	0.34	0.45	0.17	0.34	0.45	1600.0	38.84	37.87	37.11	39.20	38.14	37.32	43.50	41.98	40.73	42.42	41.15	40.11
1800.0	0.18	0.34	0.46	0.17	0.34	0.47	1800.0	37.61	36.68	35.98	37.99	37.01	36.25	42.07	40.72	39.53	40.93	39.75	38.84
2000.0	0.19	0.35	0.47	0.18	0.36	0.49	2000.0	36.40	35.63	34.94	36.89	35.98	35.24	40.77	39.54	38.45	39.55	38.65	37.70
2200.0	0.18	0.36	0.49	0.17	0.36	0.50	2200.0	35.33	34.64	33.99	35.86	35.03	34.34	39.59	38.51	37.50	38.26	37.49	36.64
2400.0	0.18	0.37	0.50	0.17	0.37	0.51	2400.0	34.30	33.68	33.08	34.91	34.17	33.53	38.47	37.52	36.59	37.10	36.39	35.68
2600.0	0.17	0.37	0.51	0.16	0.38	0.53	2600.0	33.31	32.73	32.25	34.06	33.36	32.73	37.43	36.59	35.76	35.95	35.33	34.77
2800.0	0.16	0.37	0.52	0.16	0.38	0.54	2800.0	32.37	31.87	31.42	33.19	32.59	32.02	36.48	35.77	35.02	34.99	34.36	33.96
3000.0	0.16	0.37	0.53	0.15	0.39	0.55	3000.0	31.44	30.94	30.62	32.43	31.86	31.32	35.50	34.92	34.23	33.81	33.37	33.04
3200.0	0.15	0.38	0.54	0.14	0.39	0.56	3200.0	30.60	30.15	29.82	31.70	31.16	30.65	34.68	34.14	33.52	33.10	32.73	32.31
3400.0	0.15	0.38	0.55	0.14	0.39	0.57	3400.0	30.01	29.68	29.24	31.02	30.53	30.06	33.85	33.39	32.86	32.27	32.30	31.59
3600.0	0.15	0.39	0.57	0.15	0.40	0.60	3600.0	29.12	29.15	28.51	30.35	29.92	29.46	33.03	32.68	32.21	31.36	31.47	30.87
3800.0	0.17	0.41	0.59	0.16	0.42	0.62	3800.0	28.43	28.44	27.90	29.76	29.33	28.87	32.31	32.03	31.57	30.56	30.57	30.14
4000.0	0.19	0.43	0.61	0.18	0.44	0.64	4000.0	27.88	27.62	27.35	29.15	28.77	28.32	31.49	31.32	30.90	29.93	29.68	29.55
4200.0	0.22	0.47	0.65	0.21	0.49	0.68	4200.0	27.07	26.75	26.66	28.53	28.19	27.77	30.78	30.69	30.33	29.22	28.84	28.93
4400.0	0.24	0.49	0.67	0.24	0.51	0.70	4400.0	26.33	26.04	26.17	27.91	27.57	27.17	29.93	29.92	29.59	28.48	28.41	28.51
4600.0	0.27	0.52	0.70	0.27	0.54	0.74	4600.0	26.12	25.97	25.68	27.36	27.05	26.73	29.26	29.24	29.10	28.13	28.21	27.98
4800.0	0.27	0.53	0.72	0.27	0.55	0.77	4800.0	25.29	25.46	25.04	26.78	26.50	26.17	28.60	28.61	28.49	27.15	27.40	27.20
5000.0	0.26	0.54	0.73	0.26	0.56	0.77	5000.0	24.87	24.72	24.63	26.09	25.93	25.68	27.72	27.89	27.83	26.40	26.52	26.60
5200.0	0.24	0.53	0.74	0.24	0.56	0.78	5200.0	24.16	24.01	24.03	25.53	25.36	25.12	27.16	27.21	27.20	25.63	25.72	25.88
5400.0	0.20	0.52	0.74	0.20	0.55	0.79	5400.0	23.30	23.29	23.32	24.95	24.80	24.68	26.41	26.51	26.56	24.71	24.86	25.05
5600.0	0.18	0.50	0.73	0.19	0.54	0.79	5600.0	22.77	22.55	22.72	24.21	24.22	24.09	25.68	25.90	25.95	24.04	24.10	24.37
5800.0	0.15	0.48	0.72	0.16	0.52	0.78	5800.0	22.15	22.10	22.10	23.62	23.58	23.54	25.07	25.15	25.18	23.50	23.56	23.56
6000.0	0.14	0.46	0.73	0.16	0.51	0.80	6000.0	21.39	21.54	21.35	22.97	23.01	22.99	24.40	24.51	24.70	22.57	22.90	22.79
6200.0	0.13	0.44	0.72	0.18	0.52	0.81	6200.0	20.46	20.89	20.74	22.42	22.51	22.51	23.97	23.96	24.17	21.63	22.16	22.02
6400.0	0.12	0.45	0.74	0.21	0.54	0.84	6400.0	19.96	20.22	20.27	21.76	21.99	21.94	23.30	23.38	23.43	21.18	21.36	21.50
6600.0	0.16	0.46	0.77	0.25	0.59	0.89	6600.0	19.46	19.55	19.87	21.09	21.40	21.30	22.55	22.81	22.76	20.72	20.76	21.19
6800.0	0.12	0.50	0.76	0.20	0.64	0.89	6800.0	19.61	19.24	19.66	20.55	20.85	20.93	21.83	22.17	22.19	21.00	20.44	20.83
7000.0	0.13	0.53	0.77	0.22	0.65	0.92	7000.0	19.03	19.04	19.24	20.20	20.34	20.52	21.34	21.48	21.69	20.19	20.21	20.28
7200.0	0.15	0.54	0.82	0.23	0.65	0.95	7200.0	18.72	18.92	19.07	19.66	19.95	20.02	20.50	20.99	21.16	19.79	20.04	20.14
7400.0	0.16	0.57	0.85	0.25	0.67	0.99	7400.0	18.24	18.59	18.72	19.46	19.59	19.79	20.18	20.44	20.71	19.28	19.54	19.62
7600.0	0.20	0.60	0.89	0.29	0.71	1.04	7600.0	17.87	18.19	18.31	19.07	19.27	19.52	19.73	20.16	20.50	18.68	19.19	19.30
7800.0	0.22	0.64	0.95	0.34	0.75	1.10	7800.0	17.30	17.79	17.93	18.83	18.99	19.29	19.27	19.77	20.15	17.75	18.65	18.78
8000.0	0.28	0.66	1.00	0.40	0.77	1.16	8000.0	16.96	17.45	17.54	18.41	18.61	18.84	18.92	19.37	19.89	17.48	18.24	18.42

*Note:

State of: Control Voltage	Enable	RF Common to RF1	RF2
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	

ON - Low insertion loss state
OFF - Isolation state

Typical Performance Data

RF FREQ (MHz)	VSWR (:1) @ VDD=+3V OVER TEMPERTURE (ON STATE, ENABLE-HIGH*)												RF FREQ (MHz)	VSWR (:1) @ VDD=+3V OVER TEMPERTURE (OFF STATE, ENABLE-HIGH*)					
	RF COM						RF1			RF2				RF1			RF2		
	Control HIGH*			Control LOW*			Control HIGH*			Control LOW*				Control LOW*			Control HIGH*		
	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C		-45°C	+25°C	+85°C	-45°C	+25°C	+85°C
10.0	1.04	1.04	1.06	1.03	1.04	1.05	1.04	1.04	1.06	1.04	1.04	1.06	10.0	4.91	3.80	3.13	4.95	3.82	3.15
50.0	1.04	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	50.0	4.89	3.79	3.13	4.93	3.82	3.15
100.0	1.03	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	100.0	4.87	3.79	3.13	4.89	3.82	3.15
200.0	1.04	1.05	1.06	1.04	1.05	1.05	1.03	1.04	1.05	1.03	1.04	1.05	200.0	4.84	3.76	3.13	4.89	3.80	3.15
300.0	1.03	1.05	1.06	1.03	1.05	1.06	1.04	1.05	1.05	1.03	1.04	1.05	300.0	4.83	3.76	3.12	4.91	3.79	3.13
400.0	1.04	1.05	1.06	1.04	1.05	1.06	1.04	1.05	1.06	1.04	1.05	1.06	400.0	4.82	3.73	3.09	4.89	3.78	3.12
500.0	1.05	1.06	1.06	1.05	1.06	1.07	1.04	1.06	1.07	1.04	1.05	1.06	500.0	4.82	3.72	3.06	4.87	3.76	3.11
600.0	1.05	1.06	1.07	1.04	1.06	1.08	1.05	1.06	1.08	1.04	1.06	1.08	600.0	4.80	3.70	3.05	4.87	3.75	3.09
700.0	1.06	1.07	1.08	1.05	1.07	1.08	1.06	1.07	1.08	1.05	1.07	1.08	700.0	4.78	3.69	3.05	4.87	3.73	3.05
800.0	1.06	1.08	1.09	1.06	1.07	1.08	1.06	1.08	1.09	1.06	1.07	1.08	800.0	4.75	3.66	3.02	4.84	3.71	3.04
900.0	1.06	1.08	1.09	1.06	1.08	1.09	1.07	1.09	1.11	1.06	1.08	1.09	900.0	4.75	3.64	2.99	4.84	3.70	3.03
1000.0	1.07	1.09	1.09	1.07	1.09	1.10	1.08	1.10	1.11	1.07	1.09	1.10	1000.0	4.75	3.62	2.96	4.84	3.67	3.00
1200.0	1.08	1.10	1.11	1.08	1.09	1.11	1.09	1.11	1.12	1.08	1.10	1.11	1200.0	4.70	3.59	2.95	4.80	3.65	2.98
1400.0	1.11	1.11	1.12	1.10	1.11	1.11	1.12	1.13	1.14	1.11	1.12	1.13	1400.0	4.68	3.54	2.87	4.78	3.60	2.92
1600.0	1.11	1.12	1.12	1.11	1.12	1.12	1.14	1.14	1.14	1.12	1.13	1.13	1600.0	4.61	3.48	2.84	4.74	3.56	2.89
1800.0	1.13	1.13	1.13	1.13	1.13	1.13	1.15	1.15	1.15	1.14	1.14	1.14	1800.0	4.57	3.44	2.80	4.68	3.51	2.85
2000.0	1.15	1.14	1.13	1.16	1.15	1.13	1.17	1.16	1.16	1.16	1.16	1.15	2000.0	4.53	3.39	2.77	4.64	3.46	2.80
2200.0	1.16	1.15	1.13	1.16	1.15	1.14	1.17	1.17	1.16	1.17	1.16	1.15	2200.0	4.44	3.34	2.73	4.54	3.40	2.76
2400.0	1.17	1.15	1.12	1.17	1.16	1.14	1.17	1.16	1.15	1.17	1.15	1.14	2400.0	4.40	3.29	2.68	4.48	3.35	2.73
2600.0	1.14	1.13	1.11	1.15	1.14	1.12	1.15	1.15	1.13	1.14	1.14	1.12	2600.0	4.31	3.26	2.69	4.46	3.33	2.71
2800.0	1.11	1.10	1.09	1.13	1.12	1.12	1.11	1.11	1.11	1.12	1.11	1.09	2800.0	4.33	3.24	2.66	4.38	3.30	2.71
3000.0	1.09	1.08	1.07	1.12	1.10	1.10	1.10	1.09	1.09	1.10	1.08	1.07	3000.0	4.28	3.24	2.69	4.39	3.29	2.71
3200.0	1.05	1.06	1.07	1.07	1.08	1.09	1.03	1.05	1.07	1.03	1.04	1.06	3200.0	4.33	3.25	2.72	4.42	3.30	2.72
3400.0	1.05	1.07	1.08	1.06	1.08	1.09	1.04	1.07	1.09	1.03	1.04	1.06	3400.0	4.38	3.31	2.77	4.42	3.33	2.76
3600.0	1.12	1.13	1.13	1.10	1.12	1.12	1.12	1.12	1.13	1.09	1.09	1.10	3600.0	4.51	3.43	2.84	4.60	3.42	2.82
3800.0	1.19	1.19	1.17	1.19	1.17	1.15	1.18	1.18	1.17	1.18	1.15	1.14	3800.0	4.67	3.56	2.95	4.77	3.54	2.91
4000.0	1.27	1.25	1.23	1.24	1.22	1.20	1.27	1.25	1.23	1.23	1.21	1.19	4000.0	4.92	3.73	3.10	4.91	3.65	3.00
4200.0	1.35	1.33	1.29	1.33	1.30	1.27	1.35	1.33	1.29	1.32	1.29	1.26	4200.0	5.16	3.88	3.21	5.19	3.82	3.13
4400.0	1.42	1.38	1.32	1.39	1.34	1.29	1.42	1.38	1.33	1.40	1.35	1.30	4400.0	5.38	4.01	3.33	5.44	4.00	3.25
4600.0	1.49	1.44	1.38	1.46	1.41	1.36	1.49	1.44	1.39	1.46	1.41	1.36	4600.0	5.72	4.26	3.48	5.72	4.20	3.42
4800.0	1.50	1.46	1.40	1.46	1.43	1.38	1.50	1.47	1.41	1.47	1.44	1.39	4800.0	5.99	4.46	3.62	6.03	4.37	3.53
5000.0	1.52	1.47	1.41	1.48	1.44	1.39	1.52	1.48	1.42	1.48	1.46	1.41	5000.0	6.37	4.64	3.74	6.24	4.55	3.68
5200.0	1.48	1.46	1.40	1.45	1.43	1.39	1.48	1.46	1.41	1.46	1.44	1.40	5200.0	6.51	4.73	3.81	6.49	4.66	3.73
5400.0	1.40	1.41	1.37	1.36	1.38	1.35	1.42	1.42	1.38	1.39	1.40	1.37	5400.0	6.73	4.83	3.85	6.63	4.78	3.80
5600.0	1.39	1.37	1.33	1.33	1.34	1.31	1.38	1.38	1.35	1.33	1.36	1.34	5600.0	6.86	4.88	3.90	6.68	4.84	3.89
5800.0	1.30	1.30	1.27	1.25	1.25	1.23	1.31	1.30	1.28	1.28	1.27	1.26	5800.0	6.89	4.87	3.86	6.86	4.80	3.79
6000.0	1.22	1.23	1.21	1.16	1.18	1.17	1.23	1.23	1.22	1.18	1.21	1.20	6000.0	6.89	4.86	3.83	6.61	4.75	3.75
6200.0	1.16	1.14	1.12	1.11	1.11	1.09	1.16	1.15	1.12	1.15	1.14	1.13	6200.0	6.71	4.74	3.73	6.66	4.69	3.68
6400.0	1.08	1.07	1.08	1.04	1.03	1.03	1.11	1.07	1.07	1.11	1.07	1.05	6400.0	6.44	4.63	3.58	6.56	4.56	3.52
6600.0	1.04	1.01	1.01	1.04	1.04	1.03	1.09	1.03	1.02	1.07	1.04	1.03	6600.0	6.07	4.43	3.49	6.17	4.42	3.48
6800.0	1.05	1.08	1.08	1.04	1.11	1.12	1.08	1.10	1.09	1.07	1.07	1.09	6800.0	5.91	4.26	3.35	6.19	4.27	3.29
7000.0	1.13	1.15	1.14	1.13	1.17	1.17	1.16	1.17	1.14	1.11	1.13	1.14	7000.0	5.83	4.09	3.29	6.05	4.18	3.22
7200.0	1.19	1.23	1.23	1.20	1.24	1.24	1.20	1.23	1.23	1.18	1.20	1.19	7200.0	5.49	3.94	3.14	5.68	4.04	3.19
7400.0	1.23	1.28	1.26	1.25	1.30	1.31	1.24	1.28	1.26	1.22	1.26	1.27	7400.0	5.41	3.86	3.11	5.61	3.88	3.03
7600.0	1.32	1.31	1.31	1.32	1.34	1.33	1.32	1.32	1.30	1.26	1.30	1.28	7600.0	5.14	3.77	3.06	5.44	3.81	3.00
7800.0	1.36	1.37	1.37	1.40	1.40	1.40	1.35	1.36	1.35	1.36	1.35	1.33	7800.0	5.14	3.67	2.95	5.02	3.67	2.95
8000.0	1.41	1.36	1.32	1.44	1.39	1.35	1.41	1.36	1.32	1.37	1.34	1.30	8000.0	4.86	3.64	2.99	5.06	3.60	2.89

*Note:

State of:		RF Common to	
Control Voltage	Enable	RF1	RF2
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	

ON - Low insertion loss state
OFF - Isolation state

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB) @ VDD=+2.3V OVER TEMPERTURE (ENABLE-HIGH*)						RF FREQ (MHz)	ISOLATION (dB) @ VDD=+2.3V OVER TEMPERTURE (ENABLE-HIGH*)											
	RF COM-RF1			RF COM-RF2				RF COM-RF1			RF COM-RF2			RF1-RF2 Control LOW*			RF1-RF2 Control HIGH*		
	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C		-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C
10.0	0.23	0.28	0.32	0.22	0.27	0.32	10.0	69.79	67.16	69.13	85.36	69.44	85.68	86.25	75.45	70.86	74.90	80.45	76.60
50.0	0.23	0.28	0.32	0.22	0.28	0.32	50.0	71.26	67.11	67.45	69.14	70.00	66.33	74.17	71.37	71.49	73.84	70.02	72.28
100.0	0.23	0.28	0.33	0.23	0.28	0.33	100.0	64.52	62.79	61.53	64.44	62.80	61.55	70.09	66.92	65.11	69.97	67.06	65.09
200.0	0.23	0.29	0.34	0.23	0.28	0.33	200.0	58.25	56.79	55.63	58.06	56.64	55.54	64.23	61.31	59.28	63.53	60.93	58.99
300.0	0.22	0.29	0.35	0.22	0.29	0.35	300.0	54.42	53.09	52.00	54.52	53.10	52.06	60.43	57.77	56.01	59.90	57.40	55.76
400.0	0.22	0.30	0.36	0.21	0.29	0.36	400.0	52.02	50.60	49.56	51.91	50.58	49.54	57.90	55.11	53.42	57.12	54.81	53.11
500.0	0.22	0.30	0.36	0.21	0.30	0.36	500.0	49.97	48.63	47.58	49.88	48.56	47.57	55.68	53.18	51.46	55.08	52.82	51.09
600.0	0.21	0.30	0.37	0.21	0.30	0.38	600.0	48.31	46.99	45.98	48.32	47.01	46.00	53.87	51.49	49.79	53.24	51.04	49.43
700.0	0.21	0.31	0.38	0.20	0.31	0.39	700.0	46.89	45.62	44.61	46.91	45.61	44.64	52.45	50.16	48.43	51.74	49.60	48.07
800.0	0.21	0.31	0.39	0.20	0.31	0.39	800.0	45.64	44.39	43.42	45.71	44.48	43.45	51.05	48.84	47.22	50.36	48.35	46.80
900.0	0.20	0.31	0.40	0.19	0.31	0.40	900.0	44.55	43.32	42.37	44.62	43.41	42.44	49.79	47.70	46.12	49.09	47.12	45.69
1000.0	0.20	0.32	0.41	0.19	0.32	0.41	1000.0	43.55	42.35	41.42	43.67	42.45	41.49	48.70	46.67	45.18	47.89	46.09	44.72
1200.0	0.20	0.32	0.42	0.18	0.32	0.42	1200.0	41.76	40.62	39.76	41.94	40.78	39.85	46.69	44.89	43.45	45.84	44.24	42.95
1400.0	0.19	0.33	0.44	0.18	0.33	0.44	1400.0	40.22	39.16	38.32	40.46	39.36	38.49	44.96	43.28	41.95	44.06	42.62	41.41
1600.0	0.19	0.34	0.45	0.18	0.34	0.46	1600.0	38.79	37.82	37.06	39.13	38.10	37.25	43.40	41.86	40.67	42.33	40.99	40.04
1800.0	0.19	0.34	0.46	0.18	0.35	0.47	1800.0	37.56	36.65	35.94	37.92	36.99	36.19	41.94	40.59	39.44	40.86	39.77	38.79
2000.0	0.19	0.35	0.47	0.18	0.36	0.49	2000.0	36.35	35.56	34.89	36.84	35.95	35.20	40.68	39.46	38.38	39.52	38.54	37.66
2200.0	0.19	0.36	0.49	0.18	0.37	0.50	2200.0	35.30	34.55	33.95	35.80	35.00	34.29	39.53	38.42	37.43	38.23	37.37	36.60
2400.0	0.19	0.37	0.50	0.18	0.37	0.52	2400.0	34.26	33.63	33.04	34.88	34.15	33.48	38.41	37.44	36.54	37.06	36.35	35.63
2600.0	0.18	0.37	0.51	0.17	0.38	0.53	2600.0	33.27	32.72	32.21	34.02	33.33	32.69	37.39	36.54	35.71	35.95	35.37	34.74
2800.0	0.17	0.37	0.52	0.17	0.38	0.54	2800.0	32.35	31.84	31.38	33.15	32.55	31.98	36.45	35.71	34.96	34.99	34.46	33.93
3000.0	0.16	0.37	0.53	0.16	0.38	0.55	3000.0	31.44	31.01	30.59	32.40	31.84	31.28	35.47	34.87	34.19	33.84	33.50	33.02
3200.0	0.16	0.38	0.54	0.15	0.39	0.57	3200.0	30.60	30.35	29.84	31.68	31.13	30.61	34.65	34.13	33.48	33.11	32.83	32.32
3400.0	0.15	0.38	0.56	0.15	0.39	0.58	3400.0	30.01	29.58	29.25	30.99	30.49	30.03	33.84	33.37	32.82	32.25	31.96	31.60
3600.0	0.16	0.39	0.57	0.16	0.41	0.60	3600.0	29.07	28.94	28.52	30.32	29.90	29.44	33.02	32.66	32.16	31.29	31.17	30.85
3800.0	0.17	0.41	0.59	0.17	0.42	0.62	3800.0	28.42	28.25	27.88	29.73	29.31	28.83	32.28	32.00	31.54	30.55	30.55	30.12
4000.0	0.20	0.44	0.62	0.19	0.45	0.64	4000.0	27.90	27.54	27.34	29.13	28.72	28.29	31.48	31.26	30.89	29.95	29.76	29.51
4200.0	0.22	0.47	0.65	0.22	0.49	0.68	4200.0	27.05	26.70	26.64	28.52	28.13	27.73	30.77	30.60	30.30	29.19	29.01	28.91
4400.0	0.25	0.49	0.67	0.25	0.51	0.70	4400.0	26.36	26.28	26.13	27.91	27.57	27.15	29.94	29.95	29.57	28.46	28.50	28.47
4600.0	0.27	0.52	0.71	0.28	0.54	0.74	4600.0	26.10	25.84	25.66	27.34	27.01	26.70	29.26	29.26	29.07	28.12	28.04	27.96
4800.0	0.27	0.53	0.72	0.28	0.55	0.77	4800.0	25.27	25.30	25.02	26.77	26.47	26.15	28.60	28.55	28.47	27.11	27.55	27.18
5000.0	0.27	0.54	0.73	0.27	0.56	0.77	5000.0	24.85	24.76	24.59	26.09	25.93	25.65	27.74	27.83	27.82	26.38	26.45	26.57
5200.0	0.24	0.53	0.74	0.25	0.56	0.78	5200.0	24.15	24.03	24.01	25.51	25.33	25.10	27.15	27.17	27.18	25.65	25.83	25.87
5400.0	0.21	0.51	0.74	0.21	0.55	0.79	5400.0	23.32	23.41	23.31	24.94	24.75	24.65	26.42	26.43	26.55	24.72	25.04	25.02
5600.0	0.19	0.50	0.73	0.20	0.54	0.80	5600.0	22.75	22.68	22.71	24.21	24.22	24.07	25.68	25.90	25.94	24.06	24.19	24.39
5800.0	0.16	0.48	0.73	0.17	0.52	0.78	5800.0	22.13	21.96	22.06	23.63	23.61	23.52	25.07	25.16	25.16	23.49	23.38	23.51
6000.0	0.14	0.46	0.73	0.18	0.52	0.80	6000.0	21.34	21.46	21.34	22.96	23.01	22.97	24.41	24.51	24.68	22.52	22.60	22.78
6200.0	0.14	0.45	0.72	0.19	0.53	0.82	6200.0	20.44	20.64	20.72	22.41	22.52	22.49	23.97	23.99	24.16	21.60	21.60	21.99
6400.0	0.13	0.46	0.74	0.21	0.57	0.85	6400.0	19.99	19.92	20.22	21.76	21.90	21.91	23.26	23.28	23.39	21.19	21.39	21.50
6600.0	0.16	0.48	0.77	0.27	0.59	0.89	6600.0	19.45	19.87	19.87	21.10	21.22	21.27	22.58	22.59	22.74	20.69	21.27	21.18
6800.0	0.13	0.48	0.76	0.22	0.61	0.89	6800.0	19.50	19.43	19.65	20.59	20.73	20.89	21.86	22.00	22.17	20.88	20.71	20.74
7000.0	0.14	0.50	0.78	0.24	0.60	0.92	7000.0	19.01	19.26	19.23	20.21	20.38	20.52	21.36	21.40	21.68	20.22	20.41	20.28
7200.0	0.16	0.54	0.82	0.25	0.64	0.95	7200.0	18.71	18.87	19.05	19.69	20.01	20.03	20.52	21.04	21.15	19.79	20.16	20.15
7400.0	0.17	0.56	0.85	0.27	0.65	0.99	7400.0	18.24	18.58	18.73	19.47	19.70	19.78	20.21	20.57	20.69	19.21	19.53	19.61
7600.0	0.20	0.59	0.89	0.30	0.72	1.04	7600.0	17.86	17.95	18.30	19.10	19.39	19.49	19.76	20.26	20.49	18.68	19.07	19.31
7800.0	0.23	0.64	0.95	0.35	0.78	1.10	7800.0	17.37	17.66	17.92	18.83	19.06	19.31	19.28	19.90	20.15	17.83	18.26	18.80
8000.0	0.28	0.66	1.00	0.41	0.81	1.16	8000.0	16.99	17.42	17.53	18.39	18.59	18.82	18.89	19.64	19.87	17.52	17.97	18.41

*Note:

State of:		RF Common to	
Control Voltage	Enable	RF1	RF2
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	

ON - Low insertion loss state
OFF - Isolation state

Typical Performance Data

RF FREQ (MHz)	VSWR (:1) @ VDD=+2.3V OVER TEMPERTURE (ON STATE, ENABLE-HIGH*)											
	RF COM						RF1			RF2		
	Control HIGH*			Control LOW*			Control HIGH*			Control LOW*		
	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C
10.0	1.04	1.04	1.06	1.03	1.04	1.05	1.04	1.05	1.06	1.04	1.04	1.06
50.0	1.04	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.06	1.03	1.04	1.06
100.0	1.03	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05
200.0	1.04	1.05	1.06	1.04	1.05	1.05	1.03	1.04	1.05	1.03	1.04	1.05
300.0	1.03	1.05	1.06	1.04	1.05	1.06	1.04	1.05	1.05	1.03	1.04	1.05
400.0	1.04	1.05	1.06	1.04	1.05	1.06	1.04	1.05	1.06	1.04	1.05	1.06
500.0	1.05	1.06	1.06	1.05	1.06	1.07	1.04	1.06	1.07	1.04	1.05	1.07
600.0	1.05	1.06	1.07	1.04	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08
700.0	1.06	1.07	1.09	1.06	1.07	1.08	1.06	1.07	1.08	1.05	1.07	1.08
800.0	1.06	1.08	1.09	1.06	1.07	1.08	1.06	1.08	1.09	1.06	1.07	1.08
900.0	1.06	1.08	1.09	1.06	1.08	1.09	1.07	1.09	1.11	1.06	1.08	1.09
1000.0	1.07	1.09	1.10	1.07	1.09	1.10	1.08	1.10	1.11	1.08	1.09	1.10
1200.0	1.08	1.10	1.11	1.08	1.10	1.11	1.09	1.11	1.12	1.08	1.10	1.11
1400.0	1.11	1.11	1.12	1.11	1.11	1.11	1.12	1.13	1.14	1.11	1.12	1.13
1600.0	1.11	1.12	1.12	1.11	1.12	1.12	1.14	1.14	1.14	1.12	1.13	1.13
1800.0	1.13	1.13	1.13	1.13	1.13	1.13	1.15	1.15	1.16	1.14	1.14	1.14
2000.0	1.15	1.14	1.13	1.16	1.15	1.13	1.17	1.16	1.16	1.16	1.16	1.15
2200.0	1.16	1.15	1.13	1.16	1.15	1.14	1.17	1.17	1.16	1.17	1.16	1.15
2400.0	1.17	1.15	1.12	1.17	1.15	1.14	1.17	1.16	1.16	1.17	1.16	1.14
2600.0	1.14	1.13	1.11	1.15	1.14	1.12	1.15	1.14	1.13	1.14	1.14	1.12
2800.0	1.11	1.10	1.09	1.13	1.12	1.12	1.11	1.11	1.11	1.12	1.11	1.09
3000.0	1.09	1.07	1.07	1.11	1.10	1.10	1.10	1.09	1.09	1.10	1.08	1.07
3200.0	1.05	1.06	1.07	1.07	1.08	1.09	1.04	1.06	1.07	1.03	1.04	1.06
3400.0	1.05	1.07	1.08	1.06	1.08	1.09	1.04	1.07	1.09	1.03	1.04	1.06
3600.0	1.12	1.12	1.13	1.10	1.11	1.12	1.12	1.12	1.13	1.09	1.09	1.10
3800.0	1.19	1.18	1.17	1.19	1.17	1.15	1.18	1.18	1.17	1.18	1.15	1.14
4000.0	1.27	1.25	1.23	1.24	1.22	1.20	1.27	1.25	1.23	1.23	1.21	1.19
4200.0	1.35	1.33	1.29	1.32	1.30	1.27	1.35	1.32	1.29	1.32	1.29	1.26
4400.0	1.42	1.38	1.32	1.39	1.34	1.29	1.42	1.38	1.33	1.39	1.35	1.30
4600.0	1.49	1.44	1.38	1.46	1.41	1.36	1.49	1.44	1.39	1.46	1.41	1.36
4800.0	1.50	1.46	1.40	1.45	1.43	1.38	1.50	1.46	1.41	1.47	1.44	1.39
5000.0	1.52	1.48	1.41	1.48	1.45	1.39	1.52	1.49	1.42	1.48	1.46	1.41
5200.0	1.48	1.46	1.40	1.45	1.44	1.39	1.48	1.46	1.41	1.46	1.44	1.40
5400.0	1.40	1.41	1.37	1.36	1.38	1.35	1.42	1.42	1.38	1.39	1.40	1.38
5600.0	1.39	1.37	1.33	1.33	1.34	1.31	1.38	1.38	1.35	1.33	1.36	1.35
5800.0	1.30	1.30	1.27	1.25	1.26	1.24	1.31	1.30	1.28	1.28	1.27	1.26
6000.0	1.22	1.23	1.21	1.16	1.18	1.17	1.23	1.23	1.22	1.18	1.20	1.20
6200.0	1.16	1.14	1.12	1.11	1.10	1.09	1.16	1.14	1.12	1.15	1.14	1.13
6400.0	1.08	1.08	1.08	1.04	1.03	1.03	1.10	1.08	1.07	1.11	1.07	1.05
6600.0	1.04	1.02	1.01	1.04	1.03	1.03	1.08	1.04	1.02	1.07	1.04	1.03
6800.0	1.05	1.08	1.08	1.05	1.10	1.12	1.08	1.09	1.09	1.07	1.07	1.09
7000.0	1.13	1.16	1.14	1.14	1.18	1.17	1.16	1.16	1.14	1.11	1.14	1.14
7200.0	1.20	1.23	1.23	1.20	1.24	1.24	1.20	1.23	1.23	1.18	1.20	1.19
7400.0	1.23	1.28	1.27	1.25	1.31	1.31	1.24	1.28	1.26	1.23	1.27	1.27
7600.0	1.32	1.31	1.31	1.32	1.33	1.33	1.32	1.32	1.30	1.26	1.29	1.28
7800.0	1.36	1.37	1.38	1.40	1.40	1.41	1.34	1.37	1.36	1.36	1.36	1.33
8000.0	1.41	1.35	1.32	1.44	1.39	1.35	1.41	1.36	1.32	1.37	1.34	1.30

RF FREQ (MHz)	VSWR (:1) @ VDD=+2.3V OVER TEMPERTURE (OFF STATE, ENABLE-HIGH*)					
	RF1			RF2		
	Control LOW*			Control HIGH*		
	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C
10.0	4.82	3.76	3.10	4.86	3.79	3.12
50.0	4.80	3.76	3.09	4.84	3.79	3.12
100.0	4.78	3.75	3.10	4.82	3.78	3.12
200.0	4.75	3.73	3.10	4.80	3.76	3.12
300.0	4.74	3.72	3.08	4.82	3.76	3.10
400.0	4.74	3.70	3.06	4.82	3.75	3.08
500.0	4.73	3.68	3.03	4.78	3.73	3.08
600.0	4.72	3.67	3.02	4.78	3.71	3.05
700.0	4.69	3.65	3.01	4.78	3.69	3.02
800.0	4.67	3.62	2.99	4.75	3.67	3.01
900.0	4.67	3.60	2.95	4.75	3.66	3.00
1000.0	4.66	3.58	2.93	4.75	3.65	2.97
1200.0	4.61	3.56	2.92	4.70	3.61	2.95
1400.0	4.59	3.50	2.84	4.69	3.57	2.89
1600.0	4.53	3.46	2.82	4.66	3.53	2.86
1800.0	4.48	3.41	2.77	4.59	3.48	2.82
2000.0	4.44	3.36	2.73	4.56	3.43	2.77
2200.0	4.36	3.31	2.70	4.45	3.37	2.73
2400.0	4.31	3.26	2.66	4.40	3.33	2.71
2600.0	4.22	3.22	2.66	4.38	3.30	2.69
2800.0	4.25	3.20	2.63	4.29	3.27	2.69
3000.0	4.19	3.21	2.67	4.30	3.26	2.69
3200.0	4.24	3.24	2.69	4.34	3.27	2.69
3400.0	4.30	3.30	2.74	4.34	3.30	2.73
3600.0	4.43	3.38	2.82	4.51	3.39	2.79
3800.0	4.57	3.51	2.92	4.67	3.50	2.88
4000.0	4.83	3.68	3.06	4.80	3.62	2.97
4200.0	5.06	3.84	3.18	5.09	3.79	3.10
4400.0	5.28	3.99	3.30	5.34	3.95	3.22
4600.0	5.61	4.22	3.45	5.59	4.15	3.38
4800.0	5.87	4.40	3.58	5.91	4.33	3.50
5000.0	6.24	4.60	3.70	6.11	4.51	3.65
5200.0	6.37	4.69	3.77	6.35	4.62	3.70
5400.0	6.58	4.80	3.81	6.49	4.74	3.76
5600.0	6.71	4.87	3.87	6.53	4.80	3.86
5800.0	6.73	4.88	3.82	6.71	4.78	3.75
6000.0	6.73	4.86	3.80	6.46	4.72	3.72
6200.0	6.56	4.69	3.69	6.51	4.64	3.65
6400.0	6.32	4.55	3.54	6.42	4.52	3.49
6600.0	5.93	4.35	3.46	6.03	4.39	3.45
6800.0	5.77	4.23	3.33	6.07	4.22	3.26
7000.0	5.70	4.09	3.25	5.91	4.14	3.20
7200.0	5.36	3.92	3.11	5.54	4.01	3.16
7400.0	5.31	3.85	3.09	5.49	3.86	3.00
7600.0	5.03	3.74	3.03	5.33	3.79	2.98
7800.0	5.03	3.64	2.92	4.92	3.65	2.93
8000.0	4.75	3.59	2.97	4.95	3.58	2.86

*Note:

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

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Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB) @ VDD=+4.8V OVER TEMPERTURE (ENABLE-HIGH*)					
	RF COM-RF1			RF COM-RF2		
	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C
10.0	0.23	0.28	0.33	0.22	0.27	0.32
50.0	0.23	0.28	0.32	0.22	0.27	0.32
100.0	0.23	0.28	0.33	0.23	0.28	0.32
200.0	0.23	0.29	0.33	0.23	0.28	0.33
300.0	0.23	0.29	0.34	0.22	0.29	0.34
400.0	0.22	0.29	0.35	0.22	0.29	0.35
500.0	0.22	0.30	0.36	0.21	0.30	0.36
600.0	0.22	0.30	0.37	0.21	0.30	0.37
700.0	0.21	0.31	0.38	0.21	0.31	0.38
800.0	0.21	0.31	0.39	0.20	0.31	0.39
900.0	0.21	0.31	0.40	0.20	0.31	0.40
1000.0	0.20	0.32	0.41	0.19	0.31	0.41
1200.0	0.20	0.32	0.42	0.19	0.32	0.42
1400.0	0.20	0.33	0.43	0.19	0.33	0.44
1600.0	0.19	0.34	0.45	0.18	0.34	0.45
1800.0	0.19	0.34	0.46	0.18	0.35	0.47
2000.0	0.20	0.35	0.47	0.19	0.36	0.49
2200.0	0.19	0.36	0.49	0.18	0.37	0.50
2400.0	0.19	0.37	0.50	0.19	0.37	0.51
2600.0	0.18	0.37	0.51	0.18	0.38	0.53
2800.0	0.17	0.37	0.52	0.17	0.38	0.54
3000.0	0.17	0.37	0.53	0.16	0.38	0.55
3200.0	0.16	0.38	0.54	0.16	0.39	0.56
3400.0	0.16	0.38	0.55	0.15	0.39	0.57
3600.0	0.16	0.40	0.57	0.16	0.41	0.59
3800.0	0.18	0.41	0.59	0.18	0.43	0.61
4000.0	0.20	0.44	0.61	0.19	0.45	0.64
4200.0	0.23	0.47	0.64	0.23	0.48	0.68
4400.0	0.26	0.48	0.67	0.26	0.49	0.70
4600.0	0.28	0.52	0.70	0.29	0.53	0.74
4800.0	0.28	0.52	0.72	0.28	0.54	0.76
5000.0	0.28	0.54	0.73	0.28	0.55	0.77
5200.0	0.25	0.53	0.73	0.26	0.56	0.78
5400.0	0.22	0.52	0.74	0.22	0.55	0.79
5600.0	0.20	0.50	0.73	0.21	0.55	0.79
5800.0	0.16	0.48	0.72	0.18	0.53	0.78
6000.0	0.15	0.47	0.72	0.18	0.53	0.80
6200.0	0.14	0.45	0.72	0.20	0.52	0.81
6400.0	0.14	0.44	0.74	0.22	0.52	0.84
6600.0	0.17	0.45	0.76	0.27	0.54	0.89
6800.0	0.14	0.47	0.77	0.24	0.58	0.90
7000.0	0.15	0.50	0.77	0.25	0.62	0.92
7200.0	0.17	0.54	0.82	0.26	0.67	0.94
7400.0	0.18	0.59	0.85	0.28	0.72	0.99
7600.0	0.22	0.62	0.89	0.31	0.75	1.03
7800.0	0.24	0.66	0.95	0.36	0.79	1.09
8000.0	0.29	0.68	0.99	0.43	0.80	1.16

RF FREQ (MHz)	ISOLATION (dB) @ VDD=+4.8V OVER TEMPERTURE (ENABLE-HIGH*)											
	RF COM-RF1			RF COM-RF2			RF1-RF2 Control LOW*			RF1-RF2 Control HIGH*		
	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C
10.0	69.16	72.45	78.18	77.43	80.82	71.47	80.56	94.78	68.29	72.72	82.09	75.54
50.0	75.09	68.51	66.38	70.01	68.25	66.40	73.12	70.20	73.67	80.69	70.43	70.92
100.0	64.55	62.86	61.86	64.28	62.90	61.61	70.41	67.09	65.34	70.04	67.10	65.12
200.0	58.10	56.79	55.69	58.13	56.74	55.58	64.26	61.29	59.44	63.63	61.06	59.24
300.0	54.51	53.19	52.11	54.42	53.08	52.05	60.46	57.65	56.05	59.97	57.38	55.71
400.0	51.99	50.63	49.61	51.88	50.56	49.59	57.96	55.26	53.52	57.31	54.88	53.13
500.0	49.93	48.68	47.62	49.92	48.59	47.66	55.68	53.37	51.54	55.11	52.76	51.20
600.0	48.32	47.06	46.01	48.29	47.02	46.02	53.92	51.56	49.87	53.26	51.16	49.53
700.0	46.88	45.66	44.68	46.93	45.69	44.66	52.42	50.21	48.52	51.74	49.66	48.20
800.0	45.66	44.45	43.49	45.71	44.48	43.53	51.11	48.90	47.28	50.44	48.39	46.92
900.0	44.58	43.38	42.42	44.63	43.45	42.49	49.83	47.74	46.21	49.06	47.20	45.81
1000.0	43.56	42.40	41.49	43.63	42.48	41.55	48.67	46.72	45.27	47.91	46.19	44.77
1200.0	41.75	40.69	39.80	41.92	40.84	39.91	46.72	44.96	43.53	45.79	44.30	43.02
1400.0	40.22	39.21	38.37	40.46	39.41	38.55	44.98	43.32	42.03	44.07	42.61	41.45
1600.0	38.79	37.87	37.10	39.14	38.13	37.32	43.39	41.93	40.74	42.35	41.16	40.09
1800.0	37.59	36.68	35.96	37.92	36.99	36.23	41.96	40.66	39.51	40.91	39.81	38.84
2000.0	36.37	35.61	34.93	36.85	35.97	35.23	40.70	39.48	38.44	39.50	38.53	37.70
2200.0	35.31	34.60	33.98	35.83	35.02	34.34	39.53	38.45	37.50	38.23	37.41	36.65
2400.0	34.26	33.63	33.07	34.89	34.16	33.53	38.44	37.47	36.61	37.09	36.33	35.68
2600.0	33.29	32.71	32.24	34.03	33.34	32.73	37.40	36.57	35.76	35.97	35.29	34.79
2800.0	32.35	31.87	31.41	33.16	32.59	32.02	36.46	35.75	35.01	34.97	34.40	33.95
3000.0	31.45	31.03	30.59	32.40	31.85	31.32	35.48	34.90	34.23	33.83	33.45	33.02
3200.0	30.54	30.29	29.83	31.68	31.15	30.64	34.65	34.16	33.52	33.10	32.72	32.33
3400.0	30.01	29.48	29.27	31.01	30.51	30.06	33.84	33.38	32.85	32.28	31.91	31.63
3600.0	29.01	28.74	28.54	30.33	29.88	29.46	33.03	32.65	32.19	31.31	31.18	30.87
3800.0	28.42	28.24	27.91	29.74	29.31	28.86	32.29	32.00	31.56	30.56	30.61	30.15
4000.0	27.92	27.68	27.36	29.14	28.72	28.32	31.49	31.23	30.92	29.96	29.97	29.54
4200.0	27.08	26.73	26.67	28.52	28.19	27.76	30.78	30.65	30.32	29.23	29.36	28.94
4400.0	26.41	26.62	26.13	27.91	27.61	27.17	29.94	29.89	29.60	28.50	28.70	28.50
4600.0	26.07	25.98	25.69	27.36	27.05	26.73	29.27	29.23	29.10	28.07	27.97	27.98
4800.0	25.30	25.27	25.04	26.77	26.52	26.17	28.61	28.61	28.49	27.12	27.16	27.22
5000.0	24.87	24.67	24.62	26.10	25.95	25.68	27.74	27.89	27.83	26.41	26.43	26.58
5200.0	24.16	23.80	24.03	25.51	25.38	25.13	27.15	27.30	27.20	25.64	25.47	25.87
5400.0	23.33	23.10	23.32	24.95	24.81	24.68	26.43	26.60	26.57	24.71	24.67	25.04
5600.0	22.77	22.48	22.71	24.22	24.21	24.10	25.68	25.97	25.95	24.09	24.05	24.40
5800.0	22.16	22.02	22.06	23.63	23.54	23.55	25.08	25.22	25.18	23.48	23.57	23.54
6000.0	21.34	21.42	21.39	22.97	22.95	23.00	24.42	24.55	24.70	22.54	22.96	22.82
6200.0	20.45	20.94	20.73	22.44	22.42	22.53	23.97	23.91	24.16	21.62	22.39	22.01
6400.0	20.00	20.42	20.26	21.78	21.88	21.95	23.27	23.24	23.41	21.20	21.72	21.51
6600.0	19.44	19.98	19.82	21.13	21.37	21.27	22.60	22.64	22.79	20.76	21.22	21.10
6800.0	19.46	19.47	19.61	20.60	20.92	20.90	21.88	22.06	22.19	20.85	20.54	20.68
7000.0	19.01	19.01	19.22	20.24	20.46	20.53	21.39	21.52	21.70	20.20	20.09	20.27
7200.0	18.72	18.62	19.05	19.70	20.12	20.03	20.53	21.14	21.15	19.80	19.65	20.12
7400.0	18.25	18.34	18.69	19.48	19.66	19.80	20.24	20.61	20.68	19.21	19.23	19.58
7600.0	17.86	17.98	18.31	19.12	19.26	19.49	19.79	20.27	20.48	18.66	18.91	19.35
7800.0	17.37	17.74	17.92	18.84	18.92	19.31	19.28	19.77	20.15	17.81	18.55	18.78
8000.0	16.98	17.51	17.53	18.40	18.45	18.82	18.89	19.36	19.86	17.52	18.24	18.38

*Note:

State of:		RF Common to	
Control Voltage	Enable	RF1	RF2
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	

ON - Low insertion loss state
OFF - Isolation state

Typical Performance Data

RF FREQ (MHz)	VSWR (:1) @ VDD=+4.8V OVER TEMPERTURE (ON STATE, ENABLE-HIGH*)												RF FREQ (MHz)	VSWR (:1) @ VDD=+4.8V OVER TEMPERTURE (OFF STATE, ENABLE-HIGH*)					
	RF COM						RF1			RF2				RF1			RF2		
	Control HIGH*			Control LOW*			Control HIGH*			Control LOW*				Control LOW*			Control HIGH*		
	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C	-45°C	+25°C	+85°C		-45°C	+25°C	+85°C	-45°C	+25°C	+85°C
10.0	1.04	1.05	1.06	1.03	1.04	1.05	1.04	1.05	1.06	1.04	1.05	1.06	10.0	4.87	3.79	3.13	4.95	3.81	3.15
50.0	1.04	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	50.0	4.86	3.77	3.13	4.92	3.81	3.15
100.0	1.03	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	1.03	1.04	1.05	100.0	4.83	3.76	3.13	4.89	3.80	3.15
200.0	1.04	1.05	1.06	1.04	1.05	1.05	1.03	1.04	1.05	1.03	1.04	1.05	200.0	4.80	3.75	3.13	4.88	3.78	3.15
300.0	1.03	1.05	1.06	1.04	1.05	1.06	1.04	1.05	1.05	1.03	1.05	1.05	300.0	4.79	3.73	3.11	4.91	3.78	3.13
400.0	1.04	1.05	1.06	1.04	1.05	1.06	1.04	1.05	1.06	1.04	1.05	1.06	400.0	4.79	3.72	3.09	4.89	3.76	3.11
500.0	1.05	1.06	1.06	1.05	1.06	1.07	1.04	1.06	1.07	1.04	1.05	1.06	500.0	4.79	3.70	3.06	4.87	3.74	3.11
600.0	1.05	1.06	1.07	1.04	1.06	1.08	1.05	1.06	1.08	1.04	1.06	1.08	600.0	4.78	3.68	3.05	4.87	3.73	3.08
700.0	1.06	1.07	1.08	1.06	1.07	1.08	1.06	1.07	1.08	1.05	1.07	1.08	700.0	4.74	3.67	3.04	4.87	3.70	3.05
800.0	1.06	1.07	1.09	1.06	1.07	1.08	1.06	1.08	1.09	1.06	1.07	1.08	800.0	4.73	3.65	3.02	4.83	3.69	3.04
900.0	1.06	1.07	1.09	1.06	1.08	1.09	1.07	1.09	1.11	1.06	1.08	1.09	900.0	4.73	3.62	2.98	4.83	3.68	3.03
1000.0	1.07	1.08	1.09	1.07	1.08	1.10	1.08	1.10	1.11	1.07	1.09	1.10	1000.0	4.72	3.60	2.96	4.84	3.66	3.00
1200.0	1.08	1.09	1.11	1.08	1.09	1.11	1.09	1.10	1.12	1.08	1.09	1.11	1200.0	4.67	3.58	2.95	4.79	3.64	2.98
1400.0	1.11	1.11	1.11	1.11	1.11	1.11	1.12	1.13	1.14	1.11	1.12	1.12	1400.0	4.64	3.53	2.87	4.78	3.59	2.92
1600.0	1.11	1.12	1.12	1.11	1.12	1.12	1.14	1.14	1.14	1.12	1.13	1.13	1600.0	4.59	3.49	2.84	4.74	3.55	2.89
1800.0	1.13	1.13	1.13	1.13	1.13	1.13	1.15	1.15	1.16	1.14	1.14	1.14	1800.0	4.54	3.44	2.80	4.67	3.50	2.85
2000.0	1.15	1.15	1.13	1.16	1.15	1.13	1.17	1.17	1.16	1.16	1.16	1.15	2000.0	4.50	3.40	2.77	4.64	3.45	2.80
2200.0	1.16	1.15	1.13	1.16	1.15	1.14	1.17	1.17	1.16	1.17	1.16	1.15	2200.0	4.41	3.34	2.73	4.53	3.39	2.76
2400.0	1.17	1.15	1.12	1.17	1.16	1.14	1.17	1.17	1.16	1.17	1.16	1.14	2400.0	4.37	3.27	2.68	4.47	3.35	2.73
2600.0	1.14	1.13	1.11	1.15	1.15	1.12	1.15	1.15	1.13	1.14	1.14	1.12	2600.0	4.28	3.25	2.69	4.46	3.31	2.72
2800.0	1.11	1.11	1.09	1.13	1.13	1.12	1.11	1.12	1.11	1.12	1.11	1.09	2800.0	4.30	3.21	2.66	4.37	3.29	2.71
3000.0	1.09	1.08	1.07	1.11	1.11	1.10	1.10	1.09	1.09	1.10	1.09	1.07	3000.0	4.25	3.24	2.69	4.38	3.27	2.71
3200.0	1.05	1.06	1.07	1.07	1.08	1.09	1.04	1.05	1.07	1.03	1.04	1.06	3200.0	4.29	3.25	2.72	4.41	3.29	2.72
3400.0	1.05	1.07	1.08	1.06	1.07	1.09	1.04	1.07	1.09	1.03	1.04	1.06	3400.0	4.35	3.29	2.77	4.42	3.32	2.75
3600.0	1.12	1.13	1.13	1.10	1.12	1.12	1.12	1.12	1.13	1.09	1.09	1.10	3600.0	4.47	3.39	2.84	4.59	3.40	2.82
3800.0	1.19	1.19	1.17	1.19	1.17	1.15	1.18	1.18	1.17	1.18	1.15	1.14	3800.0	4.63	3.52	2.95	4.77	3.52	2.90
4000.0	1.27	1.25	1.23	1.24	1.22	1.20	1.27	1.25	1.23	1.23	1.22	1.19	4000.0	4.89	3.69	3.09	4.89	3.63	3.00
4200.0	1.35	1.33	1.29	1.33	1.31	1.27	1.35	1.33	1.29	1.32	1.30	1.26	4200.0	5.13	3.86	3.21	5.19	3.81	3.12
4400.0	1.42	1.37	1.32	1.39	1.34	1.29	1.42	1.38	1.33	1.40	1.35	1.30	4400.0	5.34	4.06	3.32	5.44	3.98	3.25
4600.0	1.49	1.44	1.38	1.46	1.41	1.36	1.49	1.44	1.39	1.46	1.41	1.36	4600.0	5.68	4.27	3.48	5.70	4.16	3.41
4800.0	1.50	1.44	1.40	1.45	1.42	1.38	1.50	1.45	1.41	1.47	1.43	1.39	4800.0	5.95	4.41	3.61	6.03	4.37	3.53
5000.0	1.52	1.47	1.41	1.48	1.44	1.39	1.52	1.48	1.43	1.48	1.45	1.41	5000.0	6.32	4.61	3.73	6.24	4.52	3.68
5200.0	1.48	1.44	1.41	1.45	1.41	1.39	1.48	1.44	1.41	1.46	1.42	1.40	5200.0	6.46	4.69	3.81	6.49	4.63	3.73
5400.0	1.40	1.40	1.37	1.36	1.37	1.36	1.42	1.41	1.39	1.39	1.39	1.38	5400.0	6.68	4.78	3.85	6.63	4.75	3.80
5600.0	1.39	1.37	1.34	1.33	1.33	1.32	1.38	1.37	1.35	1.33	1.36	1.35	5600.0	6.81	4.86	3.91	6.66	4.83	3.90
5800.0	1.30	1.29	1.27	1.25	1.25	1.24	1.31	1.30	1.28	1.28	1.28	1.26	5800.0	6.81	4.80	3.87	6.86	4.79	3.79
6000.0	1.22	1.24	1.21	1.16	1.20	1.17	1.23	1.25	1.23	1.18	1.23	1.20	6000.0	6.83	4.79	3.83	6.61	4.77	3.76
6200.0	1.16	1.16	1.12	1.11	1.12	1.09	1.16	1.16	1.12	1.15	1.16	1.13	6200.0	6.66	4.69	3.73	6.66	4.70	3.69
6400.0	1.08	1.08	1.08	1.04	1.04	1.03	1.10	1.09	1.07	1.11	1.08	1.05	6400.0	6.39	4.62	3.59	6.53	4.56	3.53
6600.0	1.04	1.03	1.01	1.04	1.01	1.03	1.08	1.03	1.01	1.07	1.04	1.03	6600.0	6.01	4.45	3.50	6.15	4.43	3.49
6800.0	1.05	1.08	1.08	1.05	1.11	1.13	1.08	1.08	1.09	1.07	1.08	1.09	6800.0	5.85	4.30	3.36	6.19	4.26	3.29
7000.0	1.13	1.14	1.14	1.14	1.17	1.18	1.16	1.15	1.15	1.11	1.14	1.15	7000.0	5.77	4.15	3.29	6.03	4.13	3.23
7200.0	1.19	1.22	1.24	1.20	1.25	1.25	1.20	1.23	1.23	1.18	1.21	1.19	7200.0	5.44	3.97	3.15	5.66	4.01	3.20
7400.0	1.23	1.28	1.27	1.25	1.33	1.32	1.24	1.29	1.26	1.22	1.27	1.27	7400.0	5.38	3.86	3.11	5.61	3.84	3.03
7600.0	1.32	1.31	1.31	1.32	1.34	1.34	1.32	1.32	1.30	1.26	1.29	1.29	7600.0	5.09	3.76	3.07	5.44	3.75	3.01
7800.0	1.35	1.39	1.38	1.40	1.42	1.41	1.34	1.38	1.36	1.36	1.34	1.33	7800.0	5.10	3.64	2.94	5.02	3.70	2.96
8000.0	1.41	1.36	1.32	1.44	1.40	1.35	1.41	1.37	1.32	1.37	1.34	1.31	8000.0	4.82	3.64	3.00	5.04	3.59	2.88

*Note:

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