

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB)						RF FREQ (MHz)	ISOLATION (dB)											
	VDD=+2.5V		VDD=+3V		VDD=+4.8V			VDD=+2.5V		VDD=+3V		VDD=+4.8V		VDD=+2.5V		VDD=+3V		VDD=+4.8V	
	RF COM-RF1	RF COM-RF6	RF COM-RF1	RF COM-RF6	RF COM-RF1	RF COM-RF6		RF COM-RF1 (RF2 ON)	RF COM-RF6 (RF5 ON)	RF COM-RF1 (RF2 ON)	RF COM-RF6 (RF5 ON)	RF COM-RF1 (RF2 ON)	RF COM-RF6 (RF5 ON)	RF3-RF4 (RF3 ON)	RF3-RF5 (RF3 ON)	RF3-RF4 (RF3 ON)	RF3-RF5 (RF3 ON)	RF3-RF4 (RF3 ON)	RF3-RF5 (RF3 ON)
10.0	0.37	0.37	0.39	0.38	0.36	0.36	10.0	59.1	59.6	56.40	60.46	57.8	61.7	60.0	62.3	56.6	62.6	57.0	60.7
20.0	0.37	0.39	0.39	0.40	0.36	0.37	20.0	77.0	79.1	80.14	74.69	82.9	77.9	75.3	67.9	75.8	65.4	78.8	67.1
30.0	0.38	0.40	0.40	0.41	0.37	0.38	30.0	81.4	72.7	82.70	72.76	80.5	76.4	76.7	64.7	79.4	62.2	79.7	64.6
40.0	0.38	0.40	0.41	0.42	0.38	0.39	40.0	82.3	71.7	89.15	73.40	81.5	75.1	78.5	62.4	90.8	59.8	88.4	62.5
50.0	0.38	0.42	0.42	0.44	0.38	0.40	50.0	64.4	61.4	63.97	61.80	69.2	66.0	66.9	57.4	65.9	58.6	65.7	57.0
60.0	0.39	0.41	0.42	0.43	0.39	0.40	60.0	76.5	68.5	77.29	69.10	67.3	69.1	69.0	56.5	69.3	54.9	69.9	57.1
70.0	0.40	0.42	0.43	0.44	0.40	0.40	70.0	76.9	66.3	74.42	66.37	72.1	85.8	85.8	56.8	77.7	54.7	82.3	57.1
80.0	0.40	0.43	0.43	0.44	0.40	0.41	80.0	73.9	65.3	71.73	64.82	72.9	79.7	81.7	55.8	77.7	53.8	89.3	56.2
90.0	0.41	0.43	0.43	0.45	0.40	0.41	90.0	72.8	64.4	71.70	63.96	70.9	80.4	77.0	54.9	77.9	52.7	85.9	54.8
100.0	0.41	0.43	0.44	0.45	0.41	0.42	100.0	72.6	62.9	70.29	62.82	70.2	80.2	76.8	53.8	76.5	52.0	81.5	54.0
200.0	0.44	0.46	0.47	0.48	0.44	0.45	200.0	64.0	56.8	62.68	56.39	64.0	77.5	73.0	48.0	69.9	46.2	75.1	48.2
300.0	0.47	0.49	0.49	0.50	0.47	0.47	300.0	60.0	53.1	58.94	52.79	60.5	69.4	69.0	44.5	67.1	42.9	70.6	44.6
400.0	0.49	0.51	0.52	0.53	0.49	0.50	400.0	58.1	50.6	56.91	50.32	57.8	65.7	65.8	42.0	64.6	40.6	67.0	42.2
500.0	0.51	0.54	0.54	0.55	0.51	0.52	500.0	55.7	48.6	54.72	48.33	55.8	61.0	64.2	40.2	62.4	38.8	64.9	40.3
600.0	0.54	0.56	0.57	0.57	0.54	0.55	600.0	54.2	47.1	53.10	46.71	54.1	58.1	63.2	38.5	61.0	37.4	64.5	38.7
700.0	0.55	0.59	0.59	0.60	0.55	0.57	700.0	52.8	45.6	51.73	45.31	52.7	55.4	61.9	37.3	59.6	36.2	63.0	37.4
800.0	0.56	0.61	0.62	0.62	0.56	0.59	800.0	51.6	44.4	50.60	44.14	51.6	53.3	61.1	36.1	58.5	35.1	62.1	36.3
900.0	0.57	0.63	0.64	0.63	0.57	0.61	900.0	50.5	43.3	49.52	43.03	50.5	51.4	59.8	35.1	57.1	34.2	60.7	35.3
1000.0	0.57	0.64	0.66	0.64	0.57	0.63	1000.0	49.6	42.3	48.70	42.02	49.6	49.5	57.5	34.3	56.2	33.3	58.3	34.4
1100.0	0.57	0.65	0.67	0.65	0.57	0.64	1100.0	48.7	41.4	47.83	41.07	48.7	48.0	55.2	33.5	55.3	32.6	55.7	33.6
1200.0	0.57	0.66	0.68	0.66	0.58	0.65	1200.0	47.9	40.5	47.06	40.21	47.9	46.8	53.0	32.7	54.6	31.8	53.6	32.9
1300.0	0.57	0.66	0.69	0.66	0.58	0.65	1300.0	47.3	39.6	46.29	39.41	47.2	45.5	51.4	31.9	53.9	31.2	51.8	32.1
1400.0	0.57	0.67	0.70	0.66	0.58	0.65	1400.0	46.8	38.8	45.67	38.62	46.7	44.5	49.7	31.1	53.2	30.6	50.1	31.3
1500.0	0.57	0.68	0.70	0.67	0.58	0.66	1500.0	46.1	38.1	44.99	37.93	46.1	43.6	48.6	30.3	52.7	30.0	49.2	30.5
1600.0	0.58	0.67	0.71	0.68	0.59	0.66	1600.0	45.6	37.4	44.44	37.22	45.6	42.9	47.9	29.5	52.4	29.5	48.3	29.6
1700.0	0.59	0.69	0.73	0.69	0.60	0.67	1700.0	45.1	36.7	43.87	36.60	45.1	42.2	47.5	28.8	51.7	29.0	48.0	28.9
1800.0	0.62	0.71	0.76	0.72	0.63	0.70	1800.0	44.6	36.1	43.27	36.02	44.6	41.7	47.5	28.1	51.3	28.5	48.0	28.2
1900.0	0.66	0.75	0.81	0.76	0.67	0.73	1900.0	44.2	35.6	42.71	35.47	44.2	41.3	47.5	27.6	50.9	28.1	47.9	27.7
2000.0	0.77	0.80	0.88	0.83	0.78	0.79	2000.0	43.8	35.1	42.19	34.98	43.8	40.9	47.5	27.2	50.4	27.7	48.0	27.3
2100.0	0.94	0.88	0.97	0.92	0.95	0.86	2100.0	43.4	34.6	41.60	34.54	43.5	40.6	47.5	26.9	50.0	27.2	47.8	27.0
2200.0	1.18	1.00	1.08	1.05	1.18	0.98	2200.0	43.1	34.2	41.11	34.16	43.1	40.4	46.7	26.5	49.6	26.8	46.9	26.6
2300.0	1.47	1.14	1.22	1.21	1.47	1.13	2300.0	42.8	33.9	40.61	33.78	42.8	40.1	45.5	26.0	49.2	26.3	45.8	26.1
2400.0	1.81	1.31	1.38	1.40	1.81	1.30	2400.0	42.5	33.5	40.16	33.44	42.5	39.9	44.1	25.5	48.7	25.9	44.3	25.5
2500.0	2.17	1.50	1.53	1.60	2.17	1.49	2500.0	42.2	33.2	39.75	33.11	42.2	39.5	42.9	24.8	48.3	25.4	43.1	24.9
2600.0	2.50	1.70	1.67	1.81	2.50	1.69	2600.0	41.9	32.9	39.37	32.79	41.9	39.1	41.9	24.2	47.8	24.8	42.2	24.2
2700.0	2.75	1.89	1.78	1.99	2.75	1.87	2700.0	41.4	32.5	38.87	32.43	41.4	38.5	41.5	23.7	47.2	24.3	41.7	23.7
2800.0	2.92	2.03	1.85	2.13	2.92	2.01	2800.0	41.0	32.2	38.46	32.08	40.9	37.8	41.5	23.3	46.5	23.7	41.7	23.3



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IF/RF MICROWAVE COMPONENTS

REV. OR  
J5W6-23DR-75+  
4/7/2014  
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Typical Performance Data

RF FREQ (MHz)	VSWR (:1) (ON STATE)												RF FREQ (MHz)	VSWR (:1) (OFF STATE)					
	VDD=+2.5V				VDD=+3V				VDD=+4.8V					VDD=+2.5V		VDD=+3V		VDD=+4.8V	
	RF COM		RF1	RF6	RF COM		RF1	RF6	RF COM		RF1	RF6		RF1	RF6	RF1	RF6	RF1	RF6
	(RF1 ON)	(RF6 ON)	(RF1 ON)	(RF6 ON)	(RF1 ON)	(RF6 ON)	(RF1 ON)	(RF6 ON)	(RF1 ON)	(RF6 ON)	(RF1 ON)	(RF6 ON)		(RF2 ON)	(RF1 ON)	(RF2 ON)	(RF1 ON)	(RF1 ON)	(RF1 ON)
10.0	1.03	1.04	1.03	1.05	1.04	1.05	1.04	1.05	1.04	1.04	1.03	1.05	10.0	5.01	4.17	4.31	3.72	4.95	4.53
20.0	1.04	1.04	1.03	1.04	1.04	1.05	1.04	1.05	1.04	1.04	1.03	1.05	20.0	4.98	4.15	4.31	3.72	4.95	4.51
30.0	1.03	1.05	1.03	1.04	1.04	1.05	1.04	1.05	1.03	1.04	1.03	1.05	30.0	4.97	4.14	4.31	3.72	4.94	4.49
40.0	1.04	1.05	1.03	1.04	1.04	1.05	1.04	1.05	1.04	1.04	1.04	1.05	40.0	4.95	4.13	4.31	3.72	4.92	4.48
50.0	1.04	1.05	1.03	1.04	1.04	1.05	1.04	1.05	1.04	1.04	1.04	1.05	50.0	4.93	4.12	4.31	3.72	4.91	4.48
60.0	1.04	1.06	1.04	1.04	1.04	1.06	1.04	1.05	1.04	1.04	1.04	1.05	60.0	4.93	4.11	4.31	3.72	4.90	4.47
70.0	1.04	1.06	1.04	1.04	1.05	1.06	1.04	1.05	1.04	1.04	1.04	1.05	70.0	4.92	4.11	4.31	3.72	4.89	4.46
80.0	1.04	1.06	1.04	1.05	1.05	1.06	1.05	1.05	1.04	1.04	1.04	1.05	80.0	4.90	4.10	4.31	3.72	4.87	4.44
90.0	1.05	1.07	1.04	1.05	1.05	1.06	1.05	1.05	1.04	1.04	1.04	1.05	90.0	4.88	4.09	4.31	3.72	4.86	4.43
100.0	1.05	1.07	1.04	1.05	1.05	1.06	1.05	1.05	1.05	1.05	1.05	1.06	100.0	4.87	4.08	4.31	3.72	4.84	4.42
200.0	1.08	1.12	1.07	1.07	1.08	1.10	1.07	1.08	1.08	1.07	1.07	1.09	200.0	4.79	4.03	4.31	3.72	4.76	4.36
300.0	1.11	1.16	1.10	1.10	1.12	1.13	1.09	1.10	1.11	1.09	1.10	1.12	300.0	4.69	3.98	4.31	3.72	4.66	4.30
400.0	1.15	1.21	1.13	1.12	1.15	1.15	1.12	1.12	1.15	1.12	1.13	1.13	400.0	4.61	3.94	4.31	3.72	4.58	4.26
500.0	1.18	1.23	1.15	1.15	1.19	1.17	1.15	1.15	1.18	1.15	1.15	1.16	500.0	4.52	3.90	4.31	3.72	4.49	4.22
600.0	1.19	1.24	1.15	1.17	1.23	1.18	1.18	1.16	1.20	1.17	1.15	1.17	600.0	4.46	3.87	4.31	3.72	4.43	4.18
700.0	1.20	1.24	1.15	1.19	1.26	1.19	1.20	1.18	1.20	1.19	1.15	1.19	700.0	4.42	3.85	4.31	3.72	4.39	4.15
800.0	1.20	1.22	1.14	1.20	1.28	1.19	1.22	1.19	1.20	1.20	1.14	1.20	800.0	4.40	3.83	4.31	3.72	4.37	4.13
900.0	1.18	1.20	1.12	1.21	1.29	1.19	1.24	1.19	1.18	1.21	1.12	1.20	900.0	4.42	3.82	4.31	3.72	4.38	4.13
1000.0	1.16	1.17	1.09	1.22	1.30	1.18	1.26	1.19	1.16	1.22	1.09	1.20	1000.0	4.48	3.83	4.31	3.72	4.45	4.13
1100.0	1.14	1.14	1.07	1.22	1.30	1.17	1.27	1.19	1.14	1.22	1.07	1.21	1100.0	4.60	3.85	4.31	3.72	4.56	4.16
1200.0	1.11	1.11	1.07	1.22	1.30	1.16	1.28	1.19	1.11	1.22	1.07	1.22	1200.0	4.75	3.88	4.31	3.72	4.71	4.20
1300.0	1.09	1.09	1.08	1.21	1.30	1.16	1.29	1.19	1.09	1.21	1.08	1.22	1300.0	4.96	3.92	4.31	3.72	4.92	4.25
1400.0	1.08	1.09	1.10	1.22	1.31	1.16	1.31	1.20	1.08	1.22	1.10	1.23	1400.0	5.21	3.97	4.31	3.72	5.16	4.30
1500.0	1.08	1.09	1.12	1.22	1.34	1.19	1.33	1.22	1.08	1.22	1.12	1.25	1500.0	5.51	4.03	4.31	3.72	5.46	4.37
1600.0	1.10	1.11	1.15	1.24	1.38	1.23	1.37	1.24	1.10	1.24	1.15	1.27	1600.0	5.81	4.10	4.31	3.72	5.75	4.45
1700.0	1.14	1.14	1.19	1.27	1.43	1.30	1.42	1.29	1.15	1.27	1.19	1.30	1700.0	6.11	4.16	4.31	3.72	6.05	4.51
1800.0	1.24	1.21	1.26	1.32	1.51	1.39	1.49	1.36	1.24	1.32	1.27	1.35	1800.0	6.38	4.21	4.31	3.72	6.31	4.56
1900.0	1.38	1.31	1.38	1.40	1.60	1.51	1.59	1.44	1.38	1.40	1.38	1.41	1900.0	6.60	4.24	4.31	3.72	6.53	4.60
2000.0	1.58	1.45	1.56	1.50	1.72	1.65	1.71	1.56	1.58	1.50	1.56	1.49	2000.0	6.75	4.26	4.31	3.72	6.67	4.61
2100.0	1.86	1.62	1.81	1.63	1.85	1.81	1.86	1.71	1.86	1.63	1.81	1.59	2100.0	6.82	4.25	4.31	3.72	6.74	4.60
2200.0	2.20	1.83	2.13	1.79	2.01	1.99	2.03	1.89	2.20	1.79	2.13	1.72	2200.0	6.82	4.22	4.31	3.72	6.75	4.56
2300.0	2.62	2.08	2.51	1.97	2.18	2.19	2.22	2.10	2.62	1.98	2.50	1.87	2300.0	6.76	4.17	4.31	3.72	6.69	4.49
2400.0	3.09	2.38	2.93	2.18	2.36	2.40	2.41	2.33	3.09	2.18	2.92	2.05	2400.0	6.63	4.10	4.31	3.72	6.56	4.41
2500.0	3.56	2.72	3.35	2.38	2.53	2.62	2.56	2.55	3.56	2.38	3.33	2.24	2500.0	6.42	4.00	4.31	3.72	6.36	4.30
2600.0	3.98	3.08	3.71	2.56	2.67	2.84	2.68	2.75	3.98	2.57	3.69	2.43	2600.0	6.14	3.87	4.31	3.72	6.07	4.17
2700.0	4.32	3.44	3.98	2.71	2.77	3.04	2.73	2.90	4.32	2.71	3.96	2.60	2700.0	5.81	3.73	4.31	3.72	5.75	4.01
2800.0	4.50	3.73	4.11	2.79	2.81	3.20	2.71	2.98	4.51	2.80	4.09	2.73	2800.0	5.43	3.58	4.31	3.72	5.37	3.84



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IF/RF MICROWAVE COMPONENTS

# RF Switch SP6T

# JSW6-23DR-75+

## 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-RF6		RF COM-RF1	RF COM-RF6
10.1	55.53	56.04	10.0	-0.03	0.02
250.1	58.87	58.43	20.0	0.08	0.08
500.1	54.96	54.72	30.0	-0.05	0.03
1000.1	66.99	66.16	40.0	-0.02	0.00
1500.1	61.74	61.53	50.0	0.03	0.04
2000.1	61.54	63.51	60.0	0.01	0.02
2500.1	59.45	60.55	70.0	0.01	0.01
3000.1	61.24	61.12	80.0	0.00	0.03
			90.0	0.01	0.01
			100.0	0.00	0.01
			200.0	0.01	0.00
			300.0	0.00	0.01
			400.0	0.01	0.00
			500.0	0.00	0.00
			600.0	0.00	0.00
			700.0	-0.01	0.00
			800.0	-0.01	-0.01
			900.0	-0.02	0.00
			1000.0	-0.01	-0.02
			1100.0	-0.01	-0.01
			1200.0	-0.01	-0.03
			1300.0	-0.01	-0.02
			1400.0	-0.01	-0.02
			1500.0	-0.02	-0.02
			1600.0	-0.01	-0.02
			1700.0	-0.02	-0.02
			1800.0	-0.02	-0.02
			1900.0	0.00	-0.01
			2000.0	-0.01	-0.01
			2100.0	-0.01	-0.01
			2200.0	0.00	-0.02
			2300.0	0.00	-0.02
			2400.0	0.00	-0.01
			2500.0	0.00	-0.01
			2600.0	0.01	-0.01
			2700.0	0.01	0.01
			2800.0	0.01	0.01



Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB) @ VDD=+3V OVER TEMPERATURE						RF FREQ (MHz)	ISOLATION (dB) @ VDD=+3V OVER TEMPERATURE											
	RF COM-RF1			RF COM-RF6				RF COM-RF1 (RF2 ON)			RF COM-RF6 (RF5 ON)			RF3-RF4 (RF3 ON)			RF3-RF5 (RF3 ON)		
	-45°C	+25°C	+90°C	-45°C	+25°C	+90°C		-45°C	+25°C	+90°C	-45°C	+25°C	+90°C	-45°C	+25°C	+90°C	-45°C	+25°C	+90°C
10.0	0.30	0.39	0.48	0.26	0.38	0.46	10.0	56.0	56.4	63.3	62.8	60.5	60.8	64.0	57.0	59.9	58.1	62.6	60.4
20.0	0.30	0.39	0.48	0.28	0.40	0.48	20.0	84.3	80.1	72.4	73.2	74.7	85.8	70.5	78.8	76.1	65.2	65.4	84.1
30.0	0.31	0.40	0.49	0.29	0.41	0.49	30.0	84.2	82.7	87.0	77.4	72.8	74.3	68.3	79.7	81.7	61.6	62.2	80.3
40.0	0.32	0.41	0.49	0.30	0.42	0.50	40.0	80.8	89.1	79.2	70.9	73.4	75.0	66.3	88.4	81.8	58.8	59.8	77.4
50.0	0.33	0.42	0.49	0.32	0.44	0.50	50.0	65.5	64.0	64.9	61.8	61.8	61.4	67.9	65.7	65.4	59.6	58.6	71.0
60.0	0.33	0.42	0.50	0.32	0.43	0.51	60.0	74.6	77.3	65.4	67.2	69.1	68.9	67.0	69.9	69.6	54.4	54.9	65.8
70.0	0.34	0.43	0.51	0.33	0.44	0.51	70.0	73.3	74.4	70.7	67.1	66.4	68.3	63.1	82.3	83.5	54.2	54.7	70.0
80.0	0.35	0.43	0.51	0.33	0.44	0.51	80.0	77.6	71.7	67.9	66.3	64.8	67.6	62.2	89.3	79.0	53.1	53.8	68.7
90.0	0.35	0.43	0.52	0.33	0.45	0.52	90.0	77.3	71.7	67.8	64.8	64.0	66.7	61.4	85.9	75.7	51.9	52.7	66.4
100.0	0.36	0.44	0.52	0.34	0.45	0.53	100.0	74.5	70.3	66.8	63.9	62.8	65.9	60.7	81.5	76.2	51.2	52.0	66.7
200.0	0.38	0.47	0.56	0.36	0.48	0.56	200.0	65.3	62.7	60.9	57.7	56.4	59.4	54.5	75.1	71.0	45.5	46.2	60.5
300.0	0.39	0.49	0.59	0.37	0.50	0.60	300.0	61.3	58.9	57.4	54.3	52.8	55.4	51.1	70.6	67.1	42.3	42.9	56.7
400.0	0.40	0.52	0.62	0.38	0.53	0.63	400.0	58.9	56.9	54.7	51.6	50.3	53.0	48.8	67.0	65.1	39.9	40.6	54.4
500.0	0.42	0.54	0.66	0.40	0.55	0.66	500.0	56.8	54.7	52.8	49.7	48.3	50.7	46.8	64.9	63.6	38.1	38.8	52.4
600.0	0.44	0.57	0.68	0.42	0.57	0.68	600.0	55.1	53.1	51.3	48.1	46.7	48.7	45.0	64.5	61.7	36.6	37.4	50.9
700.0	0.46	0.59	0.71	0.43	0.60	0.71	700.0	54.0	51.7	50.2	46.6	45.3	47.1	43.4	63.0	60.0	35.4	36.2	49.6
800.0	0.47	0.62	0.73	0.44	0.62	0.72	800.0	52.7	50.6	49.0	45.3	44.1	45.6	42.0	62.1	59.3	34.3	35.1	48.5
900.0	0.48	0.64	0.75	0.44	0.63	0.74	900.0	51.5	49.5	48.0	44.2	43.0	44.3	40.7	60.7	58.0	33.4	34.2	47.6
1000.0	0.49	0.66	0.77	0.45	0.64	0.76	1000.0	50.6	48.7	47.1	43.1	42.0	43.1	39.6	58.3	57.2	32.6	33.3	46.6
1100.0	0.50	0.67	0.79	0.45	0.65	0.77	1100.0	49.6	47.8	46.3	42.1	41.1	42.0	38.4	55.7	56.4	31.8	32.6	45.6
1200.0	0.50	0.68	0.82	0.45	0.66	0.79	1200.0	48.8	47.1	45.5	41.1	40.2	41.0	37.2	53.6	55.7	31.0	31.8	44.7
1300.0	0.50	0.69	0.84	0.44	0.66	0.80	1300.0	48.1	46.3	44.8	40.2	39.4	40.1	36.2	51.8	54.9	30.3	31.2	43.8
1400.0	0.49	0.70	0.86	0.43	0.66	0.82	1400.0	47.4	45.7	44.2	39.3	38.6	39.3	35.3	50.1	54.3	29.6	30.6	43.0
1500.0	0.48	0.70	0.89	0.42	0.67	0.84	1500.0	46.7	45.0	43.6	38.6	37.9	38.5	34.5	49.2	53.8	29.1	30.0	42.2
1600.0	0.48	0.71	0.92	0.42	0.68	0.87	1600.0	46.1	44.4	43.0	37.9	37.2	37.9	33.8	48.3	53.2	28.6	29.5	41.5
1700.0	0.50	0.73	0.95	0.43	0.69	0.89	1700.0	45.4	43.9	42.5	37.2	36.6	37.2	33.2	48.0	52.7	28.2	29.0	41.1
1800.0	0.53	0.76	0.99	0.46	0.72	0.92	1800.0	44.8	43.3	42.0	36.6	36.0	36.7	32.8	48.0	52.3	27.7	28.5	40.7
1900.0	0.58	0.81	1.03	0.50	0.76	0.96	1900.0	44.1	42.7	41.4	36.0	35.5	36.3	32.5	47.9	51.8	27.4	28.1	40.4
2000.0	0.67	0.88	1.08	0.58	0.83	1.01	2000.0	43.5	42.2	41.0	35.4	35.0	35.9	32.3	48.0	51.4	27.0	27.7	40.2
2100.0	0.77	0.97	1.15	0.68	0.92	1.08	2100.0	42.7	41.6	40.6	34.9	34.5	35.7	32.1	47.8	50.9	26.6	27.2	40.0
2200.0	0.91	1.08	1.23	0.83	1.05	1.18	2200.0	42.2	41.1	40.2	34.4	34.2	35.5	32.2	46.9	50.6	26.2	26.8	39.7
2300.0	1.06	1.22	1.33	1.00	1.21	1.30	2300.0	41.5	40.6	39.8	33.9	33.8	35.5	32.4	45.8	50.0	25.7	26.3	39.3
2400.0	1.23	1.38	1.45	1.21	1.40	1.46	2400.0	41.1	40.2	39.4	33.4	33.4	35.5	32.8	44.3	49.7	25.2	25.9	38.7
2500.0	1.37	1.53	1.59	1.41	1.60	1.65	2500.0	40.6	39.8	38.9	33.0	33.1	35.6	33.3	43.1	49.3	24.6	25.4	38.1
2600.0	1.51	1.67	1.74	1.60	1.81	1.86	2600.0	40.3	39.4	38.5	32.6	32.8	35.6	33.8	42.2	48.9	24.0	24.8	37.5
2700.0	1.59	1.78	1.87	1.72	1.99	2.07	2700.0	39.9	38.9	38.0	32.1	32.4	35.6	34.3	41.7	48.4	23.2	24.3	37.0
2800.0	1.59	1.85	2.00	1.78	2.13	2.27	2800.0	39.5	38.5	37.6	31.7	32.1	35.6	34.6	41.7	47.7	22.4	23.7	36.7



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

RF FREQ (MHz)	VSWR (:1) @ VDD=+3V OVER TEMPERATURE (ON STATE)												RF FREQ (MHz)	VSWR (:1) @ VDD=+3V OVER TEMPERATURE (OFF STATE)					
	RF COM						RF1			RF6				RF1			RF6		
	(RF1 ON)			(RF6 ON)			(RF1 ON)			(RF6 ON)				(RF2 ON)			(RF1 ON)		
	-45°C	+25°C	+90°C	-45°C	+25°C	+90°C	-45°C	+25°C	+90°C	-45°C	+25°C	+90°C		-45°C	+25°C	+90°C	-45°C	+25°C	+90°C
10.0	1.03	1.04	1.06	1.04	1.05	1.06	1.03	1.04	1.06	1.03	1.05	1.07	10.0	6.48	4.31	3.18	6.54	3.72	3.22
20.0	1.03	1.04	1.06	1.05	1.05	1.06	1.03	1.04	1.06	1.03	1.05	1.06	20.0	6.45	4.29	3.18	6.49	3.71	3.21
30.0	1.04	1.04	1.06	1.05	1.05	1.05	1.03	1.04	1.06	1.04	1.05	1.06	30.0	6.42	4.28	3.18	6.45	3.70	3.21
40.0	1.04	1.04	1.06	1.06	1.05	1.05	1.04	1.04	1.06	1.04	1.05	1.06	40.0	6.38	4.27	3.19	6.41	3.69	3.22
50.0	1.04	1.04	1.06	1.06	1.05	1.05	1.03	1.04	1.06	1.04	1.05	1.06	50.0	6.33	4.25	3.20	6.36	3.68	3.23
60.0	1.04	1.04	1.05	1.07	1.06	1.05	1.03	1.04	1.05	1.03	1.05	1.06	60.0	6.31	4.25	3.21	6.31	3.68	3.23
70.0	1.04	1.05	1.06	1.07	1.06	1.05	1.03	1.05	1.06	1.03	1.05	1.06	70.0	6.27	4.24	3.21	6.28	3.67	3.24
80.0	1.03	1.05	1.06	1.07	1.06	1.05	1.03	1.05	1.06	1.03	1.05	1.07	80.0	6.23	4.23	3.21	6.25	3.66	3.24
90.0	1.03	1.05	1.07	1.07	1.06	1.06	1.03	1.05	1.07	1.03	1.05	1.07	90.0	6.20	4.22	3.21	6.23	3.65	3.24
100.0	1.02	1.05	1.08	1.06	1.06	1.06	1.03	1.05	1.08	1.03	1.05	1.07	100.0	6.19	4.20	3.21	6.23	3.65	3.23
200.0	1.06	1.08	1.10	1.09	1.10	1.10	1.04	1.08	1.10	1.05	1.08	1.10	200.0	6.22	4.15	3.10	6.24	3.60	3.11
300.0	1.08	1.12	1.16	1.11	1.13	1.15	1.06	1.12	1.16	1.06	1.10	1.13	300.0	6.12	4.12	3.10	6.17	3.56	3.10
400.0	1.14	1.15	1.18	1.15	1.15	1.17	1.11	1.15	1.18	1.11	1.12	1.14	400.0	6.13	4.09	3.04	6.13	3.53	3.04
500.0	1.19	1.19	1.23	1.18	1.17	1.20	1.16	1.19	1.23	1.15	1.15	1.17	500.0	6.08	4.06	3.02	6.08	3.50	3.01
600.0	1.24	1.23	1.24	1.19	1.18	1.20	1.20	1.23	1.24	1.17	1.16	1.17	600.0	6.01	4.04	3.00	6.02	3.48	2.97
700.0	1.25	1.26	1.26	1.18	1.19	1.21	1.21	1.26	1.26	1.19	1.18	1.17	700.0	5.99	4.03	2.99	5.99	3.47	2.96
800.0	1.27	1.28	1.27	1.18	1.19	1.20	1.23	1.28	1.27	1.20	1.19	1.17	800.0	6.01	4.03	2.99	5.99	3.46	2.95
900.0	1.28	1.29	1.27	1.17	1.19	1.19	1.25	1.29	1.27	1.20	1.19	1.16	900.0	6.06	4.04	3.00	6.09	3.46	2.96
1000.0	1.28	1.30	1.27	1.16	1.18	1.18	1.26	1.30	1.27	1.21	1.19	1.16	1000.0	6.15	4.05	3.02	6.16	3.48	2.98
1100.0	1.30	1.30	1.27	1.16	1.17	1.16	1.28	1.30	1.27	1.23	1.19	1.16	1100.0	6.22	4.07	3.04	6.27	3.51	3.03
1200.0	1.30	1.30	1.28	1.15	1.16	1.15	1.29	1.30	1.28	1.22	1.19	1.17	1200.0	6.35	4.09	3.06	6.35	3.55	3.07
1300.0	1.30	1.30	1.29	1.15	1.16	1.15	1.30	1.30	1.29	1.22	1.19	1.19	1300.0	6.39	4.12	3.09	6.52	3.61	3.13
1400.0	1.30	1.31	1.33	1.16	1.16	1.17	1.30	1.31	1.33	1.21	1.20	1.21	1400.0	6.49	4.16	3.11	6.62	3.67	3.18
1500.0	1.32	1.34	1.37	1.18	1.19	1.20	1.31	1.34	1.37	1.21	1.22	1.25	1500.0	6.56	4.19	3.13	6.84	3.74	3.23
1600.0	1.36	1.38	1.42	1.22	1.23	1.25	1.33	1.38	1.42	1.24	1.24	1.29	1600.0	6.63	4.23	3.14	7.00	3.81	3.28
1700.0	1.43	1.43	1.48	1.30	1.30	1.31	1.40	1.43	1.48	1.29	1.29	1.33	1700.0	6.69	4.24	3.13	7.13	3.88	3.33
1800.0	1.51	1.51	1.55	1.41	1.39	1.40	1.48	1.51	1.55	1.37	1.36	1.39	1800.0	6.65	4.23	3.11	7.17	3.94	3.36
1900.0	1.62	1.60	1.63	1.54	1.51	1.51	1.60	1.60	1.63	1.47	1.44	1.46	1900.0	6.58	4.19	3.07	7.24	3.97	3.39
2000.0	1.76	1.72	1.72	1.70	1.65	1.64	1.76	1.72	1.72	1.62	1.56	1.55	2000.0	6.38	4.14	3.03	7.10	3.98	3.40
2100.0	1.91	1.85	1.82	1.86	1.81	1.78	1.94	1.85	1.82	1.78	1.71	1.66	2100.0	6.19	4.06	2.98	6.98	3.97	3.40
2200.0	2.09	2.01	1.94	2.03	1.99	1.94	2.13	2.01	1.94	1.99	1.89	1.79	2200.0	5.96	3.96	2.92	6.82	3.93	3.39
2300.0	2.27	2.18	2.08	2.21	2.19	2.13	2.33	2.18	2.08	2.21	2.10	1.96	2300.0	5.72	3.83	2.86	6.59	3.86	3.36
2400.0	2.48	2.36	2.23	2.43	2.40	2.34	2.53	2.36	2.23	2.44	2.33	2.16	2400.0	5.50	3.70	2.80	6.37	3.76	3.31
2500.0	2.62	2.53	2.39	2.62	2.62	2.57	2.66	2.53	2.39	2.66	2.55	2.38	2500.0	5.26	3.56	2.71	6.16	3.64	3.24
2600.0	2.79	2.67	2.54	2.87	2.84	2.81	2.78	2.67	2.54	2.85	2.75	2.60	2600.0	5.07	3.40	2.61	5.87	3.49	3.13
2700.0	2.87	2.77	2.67	3.06	3.04	3.03	2.81	2.77	2.67	2.95	2.90	2.79	2700.0	4.85	3.24	2.51	5.61	3.33	3.00
2800.0	2.88	2.81	2.78	3.23	3.20	3.23	2.74	2.81	2.78	2.98	2.98	2.94	2800.0	4.64	3.09	2.39	5.34	3.15	2.84



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