


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-RF3	RF COM-RF1	RF COM-RF3	RF COM-RF1	RF COM-RF3		RF COM-RF1 (RF2 ON)	RF COM-RF3 (RF2 ON)	RF COM-RF1 (RF2 ON)	RF COM-RF3 (RF2 ON)	RF COM-RF1 (RF2 ON)	RF COM-RF3 (RF2 ON)	RF1-RF2 (RF1 ON)	RF1-RF3 (RF1 ON)	RF1-RF2 (RF1 ON)	RF1-RF3 (RF1 ON)	RF1-RF2 (RF1 ON)	RF1-RF3 (RF1 ON)
10	0.40	0.41	0.41	0.41	0.41	0.41	10	57.61	60.24	56.08	57.18	62.30	60.67	57.30	62.99	56.15	55.33	59.29	57.12
20	0.42	0.42	0.42	0.42	0.42	0.41	20	80.10	75.40	100.60	81.38	74.87	75.58	79.80	65.22	82.05	63.93	75.45	64.81
30	0.42	0.42	0.42	0.42	0.42	0.41	30	82.27	75.29	77.80	75.63	82.69	77.17	86.99	61.95	83.87	62.09	87.69	61.48
40	0.42	0.42	0.42	0.42	0.42	0.42	40	78.08	73.66	76.16	73.56	82.00	71.81	79.47	58.97	86.71	59.62	83.98	59.44
50	0.42	0.42	0.43	0.42	0.42	0.42	50	63.00	59.22	60.23	61.82	62.71	60.31	62.29	54.25	61.09	65.15	61.07	53.80
60	0.42	0.42	0.42	0.42	0.42	0.42	60	74.59	63.49	69.68	74.94	68.23	68.88	70.49	55.82	66.86	57.60	66.49	55.39
70	0.42	0.42	0.42	0.42	0.42	0.42	70	74.76	67.25	74.42	68.04	73.78	67.92	83.18	54.47	77.59	54.69	79.29	54.26
80	0.42	0.42	0.43	0.42	0.42	0.42	80	72.32	66.87	71.36	66.57	72.65	66.27	76.58	53.23	79.08	53.36	81.20	53.28
90	0.43	0.42	0.43	0.42	0.43	0.42	90	70.14	66.04	70.11	65.26	71.48	65.06	74.85	52.43	80.46	52.29	79.79	52.37
100	0.43	0.42	0.43	0.42	0.43	0.42	100	69.12	65.31	69.72	64.38	70.08	64.88	74.73	51.57	76.87	51.47	76.53	51.57
200	0.43	0.43	0.43	0.43	0.43	0.43	200	64.53	58.56	63.94	58.30	64.22	58.33	69.00	45.44	69.56	45.41	70.05	45.44
300	0.43	0.43	0.43	0.43	0.43	0.43	300	60.31	54.96	60.56	54.99	60.07	54.90	65.81	41.98	66.27	41.89	66.43	42.03
400	0.43	0.44	0.44	0.44	0.44	0.44	400	57.95	52.41	57.78	52.33	57.92	52.49	62.60	39.48	62.41	39.50	62.75	39.48
500	0.43	0.44	0.43	0.44	0.43	0.44	500	55.98	50.50	55.73	50.41	55.78	50.39	60.76	37.44	61.32	37.47	61.13	37.47
600	0.44	0.44	0.44	0.44	0.44	0.44	600	54.10	48.82	54.13	48.78	54.20	48.80	58.92	35.93	59.11	35.93	58.93	35.94
700	0.44	0.44	0.44	0.44	0.44	0.44	700	52.92	47.43	52.92	47.40	53.01	47.33	57.79	34.53	57.65	34.51	57.74	34.52
800	0.43	0.43	0.43	0.43	0.43	0.44	800	51.83	46.26	51.73	46.22	51.65	46.17	56.65	33.28	56.72	33.28	56.62	33.29
900	0.43	0.44	0.44	0.44	0.44	0.44	900	50.63	45.14	50.75	45.14	50.72	45.15	55.22	32.30	55.14	32.31	55.11	32.30
1000	0.43	0.43	0.43	0.43	0.43	0.43	1000	49.80	44.08	49.75	44.11	49.67	44.09	53.76	31.41	53.76	31.40	53.76	31.41
1100	0.42	0.43	0.42	0.43	0.42	0.43	1100	49.19	43.30	49.14	43.29	49.09	43.32	52.96	30.46	52.90	30.46	52.87	30.47
1200	0.42	0.43	0.43	0.42	0.43	0.43	1200	48.18	42.57	48.24	42.58	48.21	42.58	52.31	29.64	52.31	29.64	52.21	29.65
1300	0.42	0.42	0.42	0.42	0.43	0.42	1300	47.68	41.85	47.69	41.84	47.58	41.87	50.96	29.10	50.91	29.10	51.12	29.10
1400	0.41	0.41	0.41	0.41	0.41	0.41	1400	46.87	41.32	46.92	41.30	46.91	41.28	50.09	28.43	50.10	28.43	50.00	28.44
1500	0.41	0.41	0.41	0.41	0.41	0.41	1500	46.07	40.65	46.07	40.64	46.09	40.64	48.87	27.93	48.87	27.92	48.92	27.92
1600	0.42	0.41	0.42	0.41	0.42	0.41	1600	45.93	40.22	45.91	40.19	45.89	40.22	48.03	27.40	48.05	27.40	48.03	27.41
1700	0.40	0.41	0.40	0.40	0.41	0.41	1700	44.93	39.74	44.93	39.73	45.11	39.77	47.70	26.89	47.72	26.88	47.69	26.89
1800	0.40	0.40	0.40	0.39	0.40	0.40	1800	44.96	39.37	44.98	39.36	44.99	39.38	46.35	26.71	46.30	26.71	46.26	26.71
1900	0.40	0.41	0.40	0.40	0.41	0.41	1900	44.23	39.07	44.22	39.05	44.17	39.04	45.77	26.20	45.84	26.20	45.78	26.20
2000	0.40	0.40	0.40	0.40	0.40	0.40	2000	43.18	38.36	43.24	38.37	43.30	38.40	45.00	25.89	45.04	25.88	44.96	25.90
2100	0.37	0.37	0.37	0.37	0.38	0.38	2100	43.16	38.06	43.14	38.08	43.17	38.07	43.92	25.44	43.96	25.44	43.98	25.45
2200	0.38	0.38	0.38	0.38	0.38	0.38	2200	42.15	37.83	42.23	37.81	42.27	37.79	44.07	25.01	44.11	25.00	44.10	25.00
2300	0.37	0.38	0.37	0.37	0.38	0.38	2300	41.71	37.00	41.73	37.02	41.52	36.94	42.87	24.96	42.90	24.96	42.97	24.99
2400	0.35	0.34	0.35	0.34	0.35	0.34	2400	41.31	36.85	41.33	36.85	41.46	36.93	42.21	24.34	42.23	24.34	42.20	24.35
2500	0.35	0.34	0.35	0.33	0.36	0.34	2500	40.93	36.50	40.93	36.50	40.82	36.47	42.27	24.05	42.25	24.05	42.03	24.03
2600	0.34	0.33	0.35	0.33	0.35	0.33	2600	40.14	35.73	40.15	35.71	40.16	35.77	41.43	23.78	41.49	23.78	41.45	23.81
2700	0.34	0.32	0.34	0.32	0.35	0.32	2700	39.99	35.63	40.00	35.64	39.85	35.61	41.15	23.17	41.16	23.16	41.07	23.19
2800	0.36	0.34	0.36	0.34	0.36	0.34	2800	39.34	35.05	39.32	35.04	39.22	35.04	41.08	23.03	41.06	23.02	41.10	23.04



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IF/RF MICROWAVE COMPONENTS

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	RF3	RF COM		RF1	RF3	RF COM		RF1	RF3		RF1	RF3	RF1	RF3	RF1	RF3
	(RF1 ON)	(RF3 ON)	(RF1 ON)	(RF3 ON)	(RF1 ON)	(RF3 ON)	(RF1 ON)	(RF3 ON)	(RF1 ON)	(RF3 ON)	(RF1 ON)	(RF3 ON)		(RF2 ON)	(RF1 ON)	(RF2 ON)	(RF1 ON)	(RF2 ON)	(RF1 ON)
10	1.07	1.06	1.07	1.06	1.06	1.06	1.07	1.06	1.07	1.07	1.07	1.06	10	3.37	3.40	3.37	3.40	3.36	3.38
20	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	20	3.35	3.37	3.35	3.37	3.34	3.36
30	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	30	3.35	3.37	3.35	3.37	3.34	3.36
40	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	40	3.35	3.37	3.35	3.37	3.34	3.36
50	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.07	1.07	1.06	1.06	50	3.35	3.37	3.35	3.37	3.34	3.35
60	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	60	3.35	3.37	3.35	3.37	3.34	3.35
70	1.07	1.06	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	70	3.34	3.37	3.34	3.37	3.33	3.35
80	1.07	1.06	1.06	1.06	1.07	1.06	1.06	1.06	1.07	1.06	1.06	1.06	80	3.34	3.36	3.34	3.36	3.33	3.35
90	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	90	3.34	3.35	3.34	3.36	3.33	3.34
100	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	100	3.34	3.35	3.34	3.35	3.33	3.34
200	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	200	3.33	3.33	3.33	3.33	3.31	3.32
300	1.08	1.08	1.08	1.09	1.08	1.08	1.08	1.09	1.08	1.08	1.09	1.09	300	3.31	3.31	3.31	3.31	3.30	3.30
400	1.10	1.09	1.07	1.09	1.10	1.09	1.07	1.09	1.10	1.09	1.07	1.09	400	3.31	3.27	3.31	3.28	3.30	3.26
500	1.09	1.08	1.08	1.11	1.09	1.08	1.08	1.11	1.10	1.08	1.08	1.11	500	3.30	3.24	3.30	3.24	3.29	3.23
600	1.12	1.11	1.09	1.12	1.12	1.11	1.10	1.12	1.12	1.11	1.10	1.12	600	3.27	3.22	3.27	3.22	3.26	3.21
700	1.13	1.11	1.08	1.10	1.13	1.11	1.08	1.11	1.13	1.11	1.08	1.11	700	3.26	3.20	3.26	3.20	3.25	3.18
800	1.10	1.09	1.08	1.11	1.10	1.09	1.09	1.11	1.11	1.09	1.09	1.12	800	3.25	3.16	3.25	3.17	3.23	3.15
900	1.12	1.11	1.09	1.12	1.12	1.11	1.09	1.12	1.13	1.11	1.09	1.12	900	3.21	3.15	3.22	3.15	3.21	3.14
1000	1.12	1.10	1.06	1.09	1.12	1.10	1.06	1.09	1.12	1.10	1.06	1.09	1000	3.22	3.13	3.22	3.13	3.20	3.11
1100	1.09	1.06	1.06	1.10	1.09	1.05	1.06	1.10	1.09	1.05	1.06	1.10	1100	3.22	3.11	3.21	3.11	3.20	3.10
1200	1.12	1.09	1.07	1.09	1.12	1.09	1.07	1.09	1.12	1.09	1.07	1.09	1200	3.20	3.12	3.21	3.11	3.20	3.10
1300	1.13	1.10	1.03	1.04	1.13	1.10	1.03	1.04	1.13	1.10	1.03	1.04	1300	3.20	3.11	3.20	3.11	3.18	3.09
1400	1.08	1.05	1.04	1.08	1.08	1.05	1.04	1.08	1.08	1.05	1.04	1.08	1400	3.20	3.14	3.20	3.13	3.19	3.13
1500	1.10	1.06	1.03	1.06	1.10	1.07	1.03	1.05	1.10	1.06	1.03	1.06	1500	3.22	3.15	3.22	3.16	3.21	3.14
1600	1.15	1.13	1.04	1.06	1.15	1.13	1.03	1.06	1.15	1.13	1.03	1.06	1600	3.22	3.18	3.22	3.18	3.20	3.17
1700	1.12	1.13	1.08	1.12	1.12	1.13	1.08	1.12	1.13	1.13	1.09	1.12	1700	3.23	3.22	3.24	3.22	3.23	3.20
1800	1.10	1.10	1.05	1.09	1.10	1.10	1.05	1.09	1.10	1.10	1.05	1.09	1800	3.29	3.28	3.29	3.27	3.27	3.26
1900	1.17	1.19	1.09	1.14	1.17	1.19	1.09	1.13	1.17	1.19	1.09	1.13	1900	3.29	3.34	3.30	3.33	3.29	3.32
2000	1.18	1.21	1.15	1.19	1.18	1.21	1.15	1.19	1.18	1.21	1.15	1.19	2000	3.34	3.38	3.34	3.38	3.33	3.37
2100	1.10	1.13	1.10	1.14	1.10	1.13	1.10	1.14	1.09	1.13	1.10	1.14	2100	3.42	3.46	3.41	3.47	3.39	3.45
2200	1.16	1.19	1.10	1.14	1.16	1.19	1.11	1.15	1.16	1.19	1.11	1.15	2200	3.40	3.52	3.42	3.52	3.41	3.50
2300	1.16	1.20	1.15	1.20	1.16	1.20	1.16	1.20	1.16	1.20	1.16	1.20	2300	3.47	3.60	3.45	3.58	3.43	3.56
2400	1.05	1.09	1.12	1.12	1.06	1.09	1.12	1.12	1.05	1.08	1.11	1.12	2400	3.49	3.70	3.50	3.70	3.48	3.68
2500	1.06	1.10	1.07	1.06	1.06	1.10	1.07	1.06	1.06	1.10	1.07	1.06	2500	3.47	3.70	3.48	3.70	3.45	3.68
2600	1.07	1.09	1.12	1.11	1.07	1.09	1.12	1.10	1.07	1.09	1.12	1.10	2600	3.52	3.69	3.51	3.71	3.49	3.69
2700	1.08	1.05	1.15	1.10	1.08	1.05	1.14	1.09	1.08	1.05	1.14	1.10	2700	3.54	3.75	3.56	3.76	3.54	3.74
2800	1.11	1.13	1.11	1.10	1.11	1.13	1.11	1.10	1.11	1.13	1.12	1.10	2800	3.54	3.72	3.52	3.72	3.50	3.68



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IF/RF MICROWAVE COMPONENTS

# RF Switch SP3T

# JSW3-272DR+

## 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-RF3		RF COM-RF1	RF COM-RF3
10.1	55.53	55.68	10.0	-0.03	0.01
250.1	58.87	58.58	20.0	0.08	0.03
500.1	54.96	54.79	30.0	-0.05	0.04
1000.1	66.99	66.51	40.0	-0.02	0.03
1500.1	61.74	61.92	50.0	0.03	0.02
2000.1	61.54	60.54	60.0	0.01	0.00
2500.1	59.45	59.66	70.0	0.01	0.01
3000.1	61.24	59.89	80.0	0.00	0.00
			90.0	0.01	0.01
			100.0	0.00	0.00
			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	0.00
			900.0	-0.02	-0.03
			1000.0	-0.01	-0.02
			1100.0	-0.01	-0.01
			1200.0	-0.01	-0.02
			1300.0	-0.01	-0.02
			1400.0	-0.01	-0.03
			1500.0	-0.02	-0.03
			1600.0	-0.01	-0.01
			1700.0	-0.02	-0.03
			1800.0	-0.02	-0.02
			1900.0	0.00	-0.01
			2000.0	-0.01	-0.02
			2100.0	-0.01	0.00
			2200.0	0.00	-0.01
			2300.0	0.00	-0.01
			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	0.00



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-RF3				RF COM-RF1 (RF2 ON)			RF COM-RF3 (RF2 ON)			RF1-RF2 (RF1 ON)			RF1-RF3 (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	0.31	0.41	0.48	0.33	0.41	0.49	10	61.53	56.08	56.20	62.20	57.18	56.46	56.03	56.15	61.41	53.23	55.33	61.68
20	0.33	0.42	0.50	0.34	0.42	0.49	20	80.56	100.60	83.18	88.16	81.38	75.27	80.90	82.05	73.95	63.75	63.93	65.02
30	0.33	0.42	0.50	0.34	0.42	0.49	30	95.14	77.80	78.13	77.57	75.63	76.57	90.81	83.87	85.97	62.52	62.09	61.58
40	0.33	0.42	0.50	0.34	0.42	0.50	40	80.15	76.16	74.29	71.86	73.56	73.22	91.13	86.71	80.48	60.09	59.62	59.14
50	0.34	0.43	0.50	0.35	0.42	0.50	50	61.71	60.23	59.63	60.85	61.82	62.60	61.11	61.09	62.60	55.73	65.15	56.02
60	0.34	0.42	0.50	0.35	0.42	0.50	60	73.60	69.68	65.74	71.24	74.94	64.85	67.58	66.86	71.56	54.75	57.60	56.97
70	0.34	0.42	0.50	0.35	0.42	0.50	70	78.65	74.42	71.47	69.13	68.04	67.71	81.32	77.59	78.48	54.75	54.69	54.32
80	0.35	0.43	0.50	0.35	0.42	0.50	80	73.84	71.36	69.73	67.07	66.57	66.64	81.23	79.08	76.09	53.70	53.36	53.08
90	0.35	0.43	0.50	0.35	0.42	0.50	90	72.17	70.11	69.55	65.90	65.26	65.81	83.16	80.46	72.64	52.72	52.29	52.10
100	0.35	0.43	0.50	0.35	0.42	0.50	100	71.17	69.72	69.19	65.77	64.38	64.35	83.59	76.87	71.89	51.66	51.47	51.38
200	0.35	0.43	0.51	0.35	0.43	0.51	200	65.94	63.94	62.68	58.86	58.30	58.22	73.44	69.56	66.85	45.55	45.41	45.29
300	0.36	0.43	0.53	0.35	0.43	0.53	300	62.27	60.56	59.31	55.44	54.99	54.71	69.06	66.27	63.57	42.04	41.89	41.88
400	0.37	0.44	0.54	0.35	0.44	0.54	400	59.07	57.78	56.66	52.87	52.33	52.04	64.47	62.41	61.12	39.58	39.50	39.37
500	0.38	0.43	0.54	0.33	0.44	0.54	500	57.00	55.73	54.57	50.80	50.41	50.04	63.31	61.32	59.05	37.56	37.47	37.38
600	0.40	0.44	0.56	0.33	0.44	0.56	600	55.37	54.13	53.01	49.17	48.78	48.39	60.66	59.11	57.32	36.01	35.93	35.85
700	0.40	0.44	0.56	0.32	0.44	0.57	700	53.90	52.92	51.93	47.69	47.40	47.01	59.53	57.65	56.08	34.57	34.51	34.46
800	0.39	0.43	0.56	0.31	0.43	0.57	800	52.68	51.73	50.69	46.47	46.22	45.81	58.05	56.72	55.11	33.29	33.28	33.27
900	0.41	0.44	0.57	0.31	0.44	0.58	900	51.71	50.75	49.72	45.45	45.14	44.82	56.59	55.14	53.87	32.31	32.31	32.29
1000	0.39	0.43	0.58	0.30	0.43	0.58	1000	50.60	49.75	48.67	44.38	44.11	43.80	55.11	53.76	52.63	31.42	31.40	31.39
1100	0.37	0.42	0.57	0.28	0.43	0.58	1100	50.12	49.14	48.19	43.57	43.29	43.04	54.07	52.90	51.68	30.43	30.46	30.49
1200	0.37	0.43	0.58	0.27	0.42	0.58	1200	49.15	48.24	47.26	42.79	42.58	42.31	53.09	52.31	51.20	29.58	29.64	29.73
1300	0.37	0.42	0.59	0.27	0.42	0.59	1300	48.57	47.69	46.56	42.04	41.84	41.61	51.90	50.91	50.23	29.03	29.10	29.16
1400	0.34	0.41	0.58	0.25	0.41	0.58	1400	47.89	46.92	45.92	41.49	41.30	40.98	50.53	50.10	49.13	28.37	28.43	28.52
1500	0.33	0.41	0.58	0.24	0.41	0.58	1500	46.92	46.07	45.24	40.85	40.64	40.40	49.39	48.87	48.21	27.84	27.92	28.01
1600	0.34	0.42	0.60	0.24	0.41	0.59	1600	46.85	45.91	44.83	40.40	40.19	40.00	48.52	48.05	47.45	27.31	27.40	27.51
1700	0.33	0.40	0.59	0.23	0.40	0.59	1700	45.97	44.93	44.21	39.99	39.73	39.51	48.06	47.72	47.01	26.77	26.88	27.07
1800	0.32	0.40	0.58	0.22	0.39	0.58	1800	45.98	44.98	43.98	39.61	39.36	39.04	46.45	46.30	45.87	26.62	26.71	26.74
1900	0.35	0.40	0.60	0.22	0.40	0.60	1900	45.20	44.22	43.26	39.36	39.05	38.74	46.05	45.84	45.41	26.12	26.20	26.29
2000	0.34	0.40	0.59	0.22	0.40	0.59	2000	43.96	43.24	42.37	38.63	38.37	38.08	45.12	45.04	44.59	25.82	25.88	25.93
2100	0.30	0.37	0.57	0.19	0.37	0.57	2100	44.17	43.14	42.27	38.35	38.08	37.74	44.18	43.96	43.56	25.39	25.44	25.47
2200	0.32	0.38	0.59	0.19	0.38	0.58	2200	43.16	42.23	41.24	38.16	37.81	37.39	44.29	44.11	43.83	24.93	25.00	25.08
2300	0.30	0.37	0.58	0.18	0.37	0.57	2300	42.28	41.73	40.70	37.15	37.02	36.64	43.14	42.90	42.76	24.98	24.96	24.95
2400	0.24	0.35	0.57	0.14	0.34	0.55	2400	42.31	41.33	40.54	37.20	36.85	36.49	42.50	42.23	42.00	24.31	24.34	24.35
2500	0.23	0.35	0.57	0.13	0.33	0.56	2500	41.65	40.93	40.10	36.82	36.50	36.15	42.13	42.25	41.75	23.99	24.05	24.11
2600	0.22	0.35	0.57	0.12	0.33	0.55	2600	40.77	40.15	39.53	35.99	35.71	35.51	41.50	41.49	41.02	23.77	23.78	23.78
2700	0.19	0.34	0.58	0.11	0.32	0.56	2700	40.57	40.00	39.29	35.88	35.64	35.31	41.10	41.16	40.87	23.12	23.16	23.22
2800	0.20	0.36	0.61	0.12	0.34	0.59	2800	39.88	39.32	38.70	35.27	35.04	34.75	41.02	41.06	40.95	22.98	23.02	23.11



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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			RF3				RF1			RF3		
	(RF1 ON)			(RF3 ON)			(RF1 ON)			(RF3 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	1.06	1.06	1.08	1.05	1.06	1.07	1.06	1.07	1.08	1.05	1.06	1.08	10	4.31	3.37	2.67	4.35	3.40	2.68
20	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	20	4.27	3.35	2.66	4.31	3.37	2.67
30	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	30	4.27	3.35	2.66	4.31	3.37	2.67
40	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	40	4.27	3.35	2.66	4.30	3.37	2.67
50	1.05	1.06	1.09	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	50	4.26	3.35	2.66	4.30	3.37	2.67
60	1.05	1.07	1.09	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	60	4.26	3.35	2.66	4.29	3.37	2.67
70	1.05	1.07	1.09	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	70	4.25	3.34	2.66	4.28	3.37	2.67
80	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	80	4.25	3.34	2.66	4.28	3.36	2.67
90	1.05	1.07	1.09	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	90	4.24	3.34	2.66	4.27	3.36	2.67
100	1.05	1.07	1.09	1.05	1.07	1.08	1.04	1.06	1.08	1.05	1.06	1.08	100	4.24	3.34	2.67	4.27	3.35	2.68
200	1.05	1.07	1.08	1.05	1.07	1.08	1.05	1.07	1.09	1.05	1.07	1.09	200	4.22	3.33	2.66	4.24	3.33	2.66
300	1.06	1.08	1.10	1.07	1.08	1.10	1.06	1.08	1.10	1.08	1.09	1.11	300	4.23	3.31	2.63	4.23	3.31	2.62
400	1.08	1.10	1.12	1.08	1.09	1.11	1.05	1.07	1.09	1.08	1.09	1.11	400	4.23	3.31	2.63	4.19	3.28	2.59
500	1.08	1.09	1.11	1.07	1.08	1.10	1.07	1.08	1.10	1.09	1.11	1.13	500	4.22	3.30	2.61	4.15	3.24	2.57
600	1.10	1.12	1.14	1.09	1.11	1.13	1.08	1.10	1.12	1.10	1.12	1.15	600	4.20	3.27	2.58	4.14	3.22	2.54
700	1.11	1.13	1.14	1.10	1.11	1.13	1.06	1.08	1.09	1.09	1.11	1.12	700	4.21	3.26	2.56	4.13	3.20	2.50
800	1.09	1.10	1.12	1.07	1.09	1.10	1.07	1.09	1.10	1.10	1.11	1.13	800	4.19	3.25	2.56	4.09	3.17	2.49
900	1.10	1.12	1.14	1.10	1.11	1.12	1.08	1.09	1.11	1.10	1.12	1.14	900	4.16	3.22	2.53	4.09	3.15	2.46
1000	1.10	1.12	1.14	1.08	1.10	1.11	1.05	1.06	1.07	1.08	1.09	1.10	1000	4.19	3.22	2.51	4.07	3.13	2.43
1100	1.08	1.09	1.10	1.05	1.05	1.06	1.06	1.06	1.07	1.09	1.10	1.12	1100	4.18	3.21	2.53	4.04	3.11	2.44
1200	1.11	1.12	1.13	1.09	1.09	1.09	1.07	1.07	1.07	1.08	1.09	1.11	1200	4.17	3.21	2.53	4.07	3.11	2.45
1300	1.12	1.13	1.15	1.08	1.10	1.12	1.04	1.03	1.03	1.03	1.04	1.06	1300	4.17	3.20	2.51	4.05	3.11	2.44
1400	1.06	1.08	1.11	1.03	1.05	1.08	1.02	1.04	1.07	1.05	1.08	1.10	1400	4.17	3.20	2.52	4.07	3.13	2.47
1500	1.09	1.10	1.11	1.05	1.07	1.08	1.03	1.03	1.04	1.03	1.05	1.08	1500	4.19	3.22	2.56	4.10	3.16	2.50
1600	1.14	1.15	1.17	1.11	1.13	1.16	1.05	1.03	1.03	1.04	1.06	1.08	1600	4.19	3.22	2.55	4.10	3.18	2.53
1700	1.10	1.12	1.14	1.11	1.13	1.15	1.07	1.08	1.11	1.10	1.12	1.13	1700	4.22	3.24	2.56	4.15	3.22	2.59
1800	1.08	1.10	1.10	1.08	1.10	1.10	1.04	1.05	1.06	1.08	1.09	1.10	1800	4.24	3.29	2.62	4.22	3.27	2.61
1900	1.17	1.17	1.18	1.18	1.19	1.19	1.10	1.09	1.08	1.13	1.13	1.12	1900	4.27	3.30	2.62	4.33	3.33	2.67
2000	1.17	1.18	1.17	1.20	1.21	1.19	1.15	1.15	1.14	1.19	1.19	1.17	2000	4.34	3.34	2.65	4.36	3.38	2.70
2100	1.09	1.10	1.09	1.13	1.13	1.11	1.10	1.10	1.09	1.15	1.14	1.12	2100	4.40	3.41	2.71	4.50	3.47	2.74
2200	1.16	1.16	1.15	1.20	1.19	1.18	1.12	1.11	1.08	1.17	1.15	1.12	2200	4.42	3.42	2.70	4.60	3.52	2.80
2300	1.17	1.16	1.14	1.22	1.20	1.17	1.17	1.16	1.13	1.22	1.20	1.15	2300	4.51	3.45	2.74	4.62	3.58	2.83
2400	1.07	1.06	1.03	1.11	1.09	1.06	1.12	1.12	1.11	1.13	1.12	1.09	2400	4.54	3.50	2.76	4.86	3.70	2.89
2500	1.07	1.06	1.07	1.11	1.10	1.10	1.08	1.07	1.06	1.08	1.06	1.04	2500	4.53	3.48	2.74	4.89	3.70	2.85
2600	1.09	1.07	1.05	1.10	1.09	1.07	1.13	1.12	1.11	1.12	1.10	1.09	2600	4.62	3.51	2.76	4.89	3.71	2.89
2700	1.09	1.08	1.08	1.05	1.05	1.06	1.13	1.14	1.15	1.07	1.09	1.12	2700	4.67	3.56	2.76	5.02	3.76	2.89
2800	1.09	1.11	1.13	1.11	1.13	1.14	1.09	1.11	1.13	1.08	1.10	1.11	2800	4.63	3.52	2.73	4.98	3.72	2.85



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**IF/RF MICROWAVE COMPONENTS**

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9/11/2015  
Page 5 of 9

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB) @ VDD=+2.5V OVER TEMPERATURE						RF FREQ (MHz)	ISOLATION (dB) @ VDD=+2.5V OVER TEMPERATURE											
	RF COM-RF1			RF COM-RF3				RF COM-RF1 (RF2 ON)			RF COM-RF3 (RF2 ON)			RF1-RF2 (RF1 ON)			RF1-RF3 (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	0.33	0.40	0.49	0.33	0.41	0.49	10	56.13	57.61	54.61	55.55	60.24	59.44	59.68	57.30	58.03	58.20	62.99	57.85
20	0.34	0.42	0.50	0.34	0.42	0.49	20	81.02	80.10	80.84	75.58	75.40	77.38	83.38	79.80	81.46	65.74	65.22	64.98
30	0.34	0.42	0.50	0.34	0.42	0.50	30	81.80	82.27	82.78	77.72	75.29	77.80	84.94	86.99	102.27	62.12	61.95	61.34
40	0.35	0.42	0.50	0.34	0.42	0.50	40	80.27	78.08	76.71	74.32	73.66	72.31	89.58	79.47	82.76	59.12	58.97	58.41
50	0.35	0.42	0.50	0.35	0.42	0.50	50	60.16	63.00	59.86	60.39	59.22	65.55	61.14	62.29	62.47	54.01	54.25	57.90
60	0.35	0.42	0.50	0.35	0.42	0.50	60	67.18	74.59	65.32	63.53	63.49	69.85	67.89	70.49	70.42	55.55	55.82	57.60
70	0.35	0.42	0.50	0.35	0.42	0.50	70	73.57	74.76	71.60	68.21	67.25	67.72	81.62	83.18	79.90	54.67	54.47	54.52
80	0.35	0.42	0.50	0.35	0.42	0.50	80	74.20	72.32	70.60	67.91	66.87	66.68	85.92	76.58	76.06	53.50	53.23	53.10
90	0.36	0.43	0.51	0.35	0.42	0.50	90	72.64	70.14	70.42	67.80	66.04	64.64	84.55	74.85	73.58	52.50	52.43	52.13
100	0.36	0.43	0.51	0.35	0.42	0.50	100	73.03	69.12	70.20	65.86	65.31	63.78	80.33	74.73	72.66	51.77	51.57	51.34
200	0.35	0.43	0.51	0.35	0.43	0.51	200	65.17	64.53	62.73	59.14	58.56	58.12	72.90	69.00	67.11	45.54	45.44	45.30
300	0.35	0.43	0.53	0.35	0.43	0.53	300	61.61	60.31	59.08	55.50	54.96	54.80	68.84	65.81	63.01	42.15	41.98	41.86
400	0.34	0.43	0.54	0.35	0.44	0.54	400	59.00	57.95	56.56	52.85	52.41	51.98	65.06	62.60	60.99	39.59	39.48	39.39
500	0.33	0.43	0.54	0.34	0.44	0.54	500	56.80	55.98	54.53	50.84	50.50	49.95	63.45	60.76	59.12	37.55	37.44	37.39
600	0.33	0.44	0.56	0.33	0.44	0.56	600	55.21	54.10	53.07	49.16	48.82	48.39	61.00	58.92	57.09	36.03	35.93	35.85
700	0.32	0.44	0.57	0.32	0.44	0.57	700	54.02	52.92	51.93	47.70	47.43	47.02	59.66	57.79	56.07	34.58	34.53	34.45
800	0.31	0.43	0.56	0.31	0.43	0.57	800	52.68	51.83	50.62	46.47	46.26	45.80	58.16	56.65	55.11	33.30	33.28	33.26
900	0.30	0.43	0.58	0.31	0.44	0.58	900	51.63	50.63	49.64	45.43	45.14	44.81	56.57	55.22	53.81	32.35	32.30	32.29
1000	0.29	0.43	0.58	0.30	0.43	0.58	1000	50.66	49.80	48.65	44.33	44.08	43.84	55.11	53.76	52.49	31.45	31.41	31.37
1100	0.28	0.42	0.57	0.28	0.43	0.58	1100	50.19	49.19	48.09	43.54	43.30	43.03	54.14	52.96	51.61	30.45	30.46	30.49
1200	0.28	0.42	0.58	0.28	0.43	0.58	1200	49.19	48.18	47.21	42.80	42.57	42.31	53.06	52.31	51.27	29.61	29.64	29.72
1300	0.27	0.42	0.59	0.27	0.42	0.59	1300	48.45	47.68	46.57	42.09	41.85	41.59	51.86	50.96	50.30	29.06	29.10	29.14
1400	0.25	0.41	0.58	0.25	0.41	0.58	1400	47.90	46.87	45.90	41.45	41.32	40.98	50.57	50.09	49.20	28.38	28.43	28.52
1500	0.25	0.41	0.58	0.24	0.41	0.58	1500	46.94	46.07	45.22	40.81	40.65	40.40	49.42	48.87	48.17	27.88	27.93	28.00
1600	0.25	0.42	0.60	0.24	0.41	0.59	1600	46.83	45.93	44.80	40.39	40.22	39.98	48.62	48.03	47.35	27.33	27.40	27.49
1700	0.23	0.40	0.59	0.23	0.41	0.59	1700	45.93	44.93	44.19	39.97	39.74	39.52	48.12	47.70	47.04	26.79	26.89	27.06
1800	0.22	0.40	0.58	0.22	0.40	0.58	1800	45.97	44.96	43.96	39.64	39.37	39.06	46.41	46.35	45.87	26.64	26.71	26.73
1900	0.22	0.40	0.60	0.22	0.41	0.59	1900	45.22	44.23	43.30	39.34	39.07	38.74	46.05	45.77	45.35	26.15	26.20	26.28
2000	0.21	0.40	0.59	0.22	0.40	0.59	2000	44.03	43.18	42.37	38.63	38.36	38.09	45.14	45.00	44.57	25.84	25.89	25.93
2100	0.19	0.37	0.57	0.19	0.37	0.57	2100	44.19	43.16	42.25	38.35	38.06	37.72	44.21	43.92	43.57	25.41	25.44	25.46
2200	0.19	0.38	0.59	0.19	0.38	0.58	2200	43.15	42.15	41.22	38.18	37.83	37.40	44.28	44.07	43.81	24.96	25.01	25.07
2300	0.18	0.37	0.58	0.19	0.38	0.57	2300	42.29	41.71	40.71	37.15	37.00	36.63	43.16	42.87	42.75	25.00	24.96	24.93
2400	0.16	0.35	0.56	0.15	0.34	0.55	2400	42.28	41.31	40.53	37.17	36.85	36.47	42.53	42.21	42.01	24.34	24.34	24.33
2500	0.15	0.35	0.57	0.13	0.34	0.55	2500	41.67	40.93	40.10	36.82	36.50	36.14	42.19	42.27	41.72	24.02	24.05	24.09
2600	0.14	0.34	0.57	0.13	0.33	0.55	2600	40.74	40.14	39.50	36.00	35.73	35.48	41.54	41.43	40.96	23.79	23.78	23.77
2700	0.13	0.34	0.58	0.11	0.32	0.55	2700	40.59	39.99	39.29	35.90	35.63	35.32	41.13	41.15	40.82	23.14	23.17	23.21
2800	0.14	0.36	0.61	0.12	0.34	0.58	2800	39.88	39.34	38.69	35.27	35.05	34.75	41.04	41.08	40.95	23.01	23.03	23.10



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REV. OR  
JSW3-272DR+  
9/11/2015  
Page 6 of 9



Typical Performance Data

RF FREQ (MHz)	VSWR (:1) @ VDD=+2.5V OVER TEMPERATURE (ON STATE)												RF FREQ (MHz)	VSWR (:1) @ VDD=+2.5V OVER TEMPERATURE (OFF STATE)					
	RF COM						RF1			RF3				RF1			RF3		
	(RF1 ON)			(RF3 ON)			(RF1 ON)			(RF3 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	1.06	1.07	1.08	1.05	1.06	1.08	1.06	1.07	1.08	1.05	1.06	1.08	10	4.30	3.37	2.67	4.35	3.40	2.68
20	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	20	4.27	3.35	2.66	4.30	3.37	2.66
30	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	30	4.27	3.35	2.66	4.31	3.37	2.67
40	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	40	4.27	3.35	2.66	4.30	3.37	2.67
50	1.05	1.07	1.09	1.05	1.06	1.09	1.05	1.06	1.08	1.05	1.06	1.08	50	4.26	3.35	2.66	4.29	3.37	2.67
60	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	60	4.25	3.35	2.66	4.29	3.37	2.67
70	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	70	4.25	3.34	2.66	4.28	3.37	2.67
80	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	80	4.25	3.34	2.66	4.28	3.36	2.67
90	1.05	1.07	1.09	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	90	4.24	3.34	2.66	4.27	3.35	2.67
100	1.05	1.07	1.09	1.05	1.07	1.08	1.04	1.06	1.08	1.05	1.06	1.08	100	4.24	3.34	2.67	4.27	3.35	2.67
200	1.05	1.07	1.08	1.05	1.07	1.08	1.05	1.07	1.09	1.05	1.07	1.09	200	4.22	3.33	2.66	4.24	3.33	2.66
300	1.06	1.08	1.10	1.07	1.08	1.10	1.06	1.08	1.10	1.08	1.09	1.11	300	4.23	3.31	2.63	4.23	3.31	2.62
400	1.08	1.10	1.12	1.08	1.09	1.11	1.05	1.07	1.09	1.08	1.09	1.11	400	4.23	3.31	2.62	4.19	3.27	2.59
500	1.08	1.09	1.11	1.07	1.08	1.10	1.07	1.08	1.10	1.09	1.11	1.13	500	4.21	3.30	2.62	4.15	3.24	2.57
600	1.10	1.12	1.14	1.09	1.11	1.13	1.08	1.09	1.12	1.10	1.12	1.15	600	4.20	3.27	2.58	4.13	3.22	2.53
700	1.11	1.13	1.14	1.10	1.11	1.13	1.06	1.08	1.09	1.09	1.10	1.12	700	4.21	3.26	2.55	4.13	3.20	2.50
800	1.09	1.10	1.12	1.07	1.09	1.10	1.07	1.08	1.09	1.10	1.11	1.13	800	4.19	3.25	2.56	4.09	3.16	2.49
900	1.10	1.12	1.14	1.10	1.11	1.12	1.08	1.09	1.11	1.10	1.12	1.14	900	4.16	3.21	2.53	4.09	3.15	2.46
1000	1.10	1.12	1.14	1.08	1.10	1.11	1.05	1.06	1.07	1.08	1.09	1.10	1000	4.18	3.22	2.50	4.07	3.13	2.43
1100	1.08	1.09	1.10	1.05	1.06	1.06	1.06	1.06	1.07	1.09	1.10	1.12	1100	4.17	3.22	2.53	4.03	3.11	2.43
1200	1.11	1.12	1.13	1.09	1.09	1.09	1.07	1.07	1.08	1.08	1.09	1.11	1200	4.17	3.20	2.53	4.07	3.12	2.44
1300	1.12	1.13	1.15	1.08	1.10	1.12	1.04	1.03	1.03	1.03	1.04	1.06	1300	4.16	3.20	2.50	4.04	3.11	2.44
1400	1.06	1.08	1.11	1.03	1.05	1.08	1.02	1.04	1.06	1.05	1.08	1.10	1400	4.16	3.20	2.53	4.08	3.14	2.47
1500	1.09	1.10	1.11	1.05	1.06	1.08	1.02	1.03	1.04	1.03	1.06	1.08	1500	4.18	3.22	2.56	4.09	3.15	2.50
1600	1.14	1.15	1.17	1.11	1.13	1.16	1.05	1.04	1.04	1.04	1.06	1.08	1600	4.19	3.22	2.54	4.11	3.18	2.53
1700	1.10	1.12	1.14	1.11	1.13	1.15	1.07	1.08	1.10	1.11	1.12	1.13	1700	4.21	3.23	2.57	4.15	3.22	2.58
1800	1.08	1.10	1.10	1.08	1.10	1.10	1.04	1.05	1.06	1.08	1.09	1.10	1800	4.24	3.29	2.61	4.23	3.28	2.60
1900	1.17	1.17	1.18	1.18	1.19	1.19	1.10	1.09	1.08	1.14	1.14	1.12	1900	4.28	3.29	2.62	4.33	3.34	2.66
2000	1.17	1.18	1.17	1.20	1.21	1.19	1.15	1.15	1.14	1.19	1.19	1.17	2000	4.33	3.34	2.67	4.35	3.38	2.69
2100	1.09	1.10	1.09	1.13	1.13	1.11	1.10	1.10	1.09	1.16	1.14	1.12	2100	4.39	3.42	2.69	4.50	3.46	2.74
2200	1.16	1.16	1.15	1.20	1.19	1.18	1.12	1.10	1.09	1.17	1.14	1.12	2200	4.43	3.40	2.70	4.59	3.52	2.80
2300	1.17	1.16	1.14	1.22	1.20	1.17	1.17	1.15	1.13	1.22	1.20	1.15	2300	4.48	3.47	2.75	4.63	3.60	2.84
2400	1.07	1.05	1.03	1.11	1.09	1.06	1.12	1.12	1.11	1.14	1.12	1.10	2400	4.54	3.49	2.75	4.86	3.70	2.88
2500	1.07	1.06	1.07	1.11	1.10	1.10	1.08	1.07	1.06	1.08	1.06	1.04	2500	4.53	3.47	2.74	4.91	3.70	2.85
2600	1.09	1.07	1.05	1.10	1.09	1.07	1.13	1.12	1.10	1.12	1.11	1.09	2600	4.60	3.52	2.77	4.88	3.69	2.89
2700	1.09	1.08	1.08	1.04	1.05	1.06	1.13	1.15	1.16	1.07	1.10	1.12	2700	4.68	3.54	2.76	5.02	3.75	2.89
2800	1.09	1.11	1.13	1.11	1.13	1.14	1.10	1.11	1.13	1.08	1.10	1.11	2800	4.63	3.54	2.72	4.98	3.72	2.86



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JSW3-272DR+  
9/11/2015  
Page 7 of 9

Typical Performance Data

RF FREQ (MHz)	INSERTION LOSS (dB) @ VDD=+4.8V OVER TEMPERATURE						RF FREQ (MHz)	ISOLATION (dB) @ VDD=+4.8V OVER TEMPERATURE											
	RF COM-RF1			RF COM-RF3				RF COM-RF1 (RF2 ON)			RF COM-RF3 (RF2 ON)			RF1-RF2 (RF1 ON)			RF1-RF3 (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	0.33	0.41	0.49	0.33	0.41	0.49	10	59.38	62.30	56.45	62.62	60.67	55.18	59.03	59.29	60.49	56.35	57.12	58.10
20	0.34	0.42	0.50	0.34	0.41	0.49	20	76.70	74.87	79.21	76.23	75.58	77.42	81.67	75.45	75.54	65.35	64.81	64.41
30	0.34	0.42	0.50	0.34	0.41	0.49	30	83.82	82.69	85.31	81.13	77.17	74.95	81.92	87.69	88.74	62.29	61.48	61.27
40	0.35	0.42	0.50	0.34	0.42	0.50	40	81.43	82.00	76.66	73.08	71.81	72.26	86.56	83.98	84.89	59.39	59.44	59.15
50	0.35	0.42	0.50	0.35	0.42	0.50	50	59.90	62.71	62.82	62.43	60.31	58.98	62.29	61.07	61.75	53.94	53.80	64.81
60	0.35	0.42	0.50	0.35	0.42	0.50	60	67.21	68.23	69.41	78.16	68.88	63.31	70.88	66.49	67.51	55.56	55.39	57.26
70	0.35	0.42	0.50	0.35	0.42	0.50	70	74.25	73.78	72.46	68.95	67.92	66.95	85.70	79.29	75.69	54.58	54.26	54.41
80	0.35	0.42	0.50	0.35	0.42	0.50	80	73.67	72.65	72.26	67.06	66.27	66.12	80.44	81.20	76.38	53.46	53.28	53.12
90	0.36	0.43	0.50	0.35	0.42	0.50	90	73.08	71.48	69.75	65.56	65.06	65.66	76.62	79.79	74.52	52.66	52.37	51.99
100	0.36	0.43	0.51	0.35	0.42	0.50	100	72.77	70.08	68.22	65.27	64.88	64.79	78.60	76.53	72.59	51.77	51.57	51.29
200	0.35	0.43	0.51	0.35	0.43	0.51	200	65.29	64.22	63.06	58.76	58.33	58.05	72.08	70.05	67.34	45.57	45.44	45.31
300	0.35	0.43	0.53	0.35	0.43	0.53	300	61.70	60.07	59.25	55.48	54.90	54.31	67.94	66.43	63.38	42.13	42.03	41.78
400	0.34	0.44	0.54	0.35	0.44	0.54	400	58.84	57.92	56.70	52.78	52.49	52.00	65.52	62.75	60.94	39.59	39.48	39.38
500	0.33	0.43	0.54	0.34	0.44	0.54	500	56.78	55.78	54.71	50.77	50.39	50.04	63.11	61.13	58.98	37.54	37.47	37.38
600	0.33	0.44	0.56	0.33	0.44	0.56	600	55.33	54.20	53.11	49.20	48.80	48.43	60.84	58.93	57.15	36.02	35.94	35.81
700	0.32	0.44	0.57	0.32	0.44	0.57	700	53.98	53.01	51.93	47.70	47.33	46.99	59.57	57.74	56.14	34.57	34.52	34.44
800	0.31	0.43	0.56	0.31	0.44	0.57	800	52.66	51.65	50.68	46.52	46.17	45.83	58.18	56.62	55.06	33.30	33.29	33.24
900	0.30	0.44	0.57	0.31	0.44	0.58	900	51.68	50.72	49.67	45.48	45.15	44.82	56.61	55.11	53.70	32.33	32.30	32.26
1000	0.29	0.43	0.58	0.30	0.43	0.58	1000	50.63	49.67	48.73	44.32	44.09	43.81	55.05	53.76	52.39	31.43	31.41	31.35
1100	0.28	0.42	0.57	0.28	0.43	0.57	1100	50.21	49.09	48.16	43.53	43.32	43.01	54.07	52.87	51.65	30.43	30.47	30.47
1200	0.28	0.43	0.58	0.28	0.43	0.58	1200	49.23	48.21	47.22	42.80	42.58	42.30	53.06	52.21	51.16	29.59	29.65	29.70
1300	0.27	0.43	0.59	0.27	0.42	0.58	1300	48.48	47.58	46.50	42.05	41.87	41.59	51.70	51.12	50.25	29.05	29.10	29.12
1400	0.25	0.41	0.58	0.25	0.41	0.58	1400	47.91	46.91	45.90	41.47	41.28	41.01	50.54	50.00	49.16	28.37	28.44	28.50
1500	0.25	0.41	0.58	0.24	0.41	0.58	1500	46.91	46.09	45.21	40.84	40.64	40.41	49.38	48.92	48.12	27.85	27.92	27.98
1600	0.25	0.42	0.60	0.24	0.41	0.59	1600	46.83	45.89	44.80	40.39	40.22	39.99	48.60	48.03	47.36	27.31	27.41	27.48
1700	0.23	0.41	0.59	0.23	0.41	0.58	1700	45.95	45.11	44.21	40.01	39.77	39.52	48.07	47.69	47.04	26.77	26.89	27.05
1800	0.22	0.40	0.58	0.22	0.40	0.58	1800	45.98	44.99	43.98	39.63	39.38	39.04	46.40	46.26	45.79	26.63	26.71	26.71
1900	0.23	0.41	0.60	0.22	0.41	0.59	1900	45.27	44.17	43.29	39.34	39.04	38.74	46.00	45.78	45.33	26.13	26.20	26.25
2000	0.21	0.40	0.59	0.22	0.40	0.59	2000	43.97	43.30	42.39	38.64	38.40	38.09	45.27	44.96	44.50	25.82	25.90	25.91
2100	0.19	0.38	0.57	0.19	0.38	0.56	2100	44.18	43.17	42.28	38.37	38.07	37.69	44.23	43.98	43.53	25.40	25.45	25.44
2200	0.19	0.38	0.58	0.19	0.38	0.58	2200	43.17	42.27	41.26	38.20	37.79	37.38	44.31	44.10	43.80	24.94	25.00	25.05
2300	0.18	0.38	0.58	0.19	0.38	0.57	2300	42.30	41.52	40.72	37.19	36.94	36.64	43.11	42.97	42.72	25.00	24.99	24.93
2400	0.16	0.35	0.56	0.15	0.34	0.55	2400	42.33	41.46	40.57	37.18	36.93	36.49	42.50	42.20	41.94	24.32	24.35	24.32
2500	0.15	0.36	0.57	0.14	0.34	0.55	2500	41.62	40.82	40.11	36.82	36.47	36.15	42.13	42.03	41.70	24.01	24.03	24.07
2600	0.14	0.35	0.57	0.13	0.33	0.55	2600	40.77	40.16	39.55	35.99	35.77	35.50	41.55	41.45	41.03	23.78	23.81	23.76
2700	0.13	0.35	0.58	0.11	0.32	0.55	2700	40.55	39.85	39.33	35.90	35.61	35.30	41.14	41.07	40.81	23.14	23.19	23.20
2800	0.14	0.36	0.61	0.12	0.34	0.58	2800	39.85	39.22	38.67	35.27	35.04	34.76	41.06	41.10	40.92	22.99	23.04	23.07



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Typical Performance Data

RF FREQ (MHz)	VSWR (:1) @ VDD=+4.8V OVER TEMPERATURE (ON STATE)												RF FREQ (MHz)	VSWR (:1) @ VDD=+4.8V OVER TEMPERATURE (OFF STATE)					
	RF COM						RF1			RF3				RF1			RF3		
	(RF1 ON)			(RF3 ON)			(RF1 ON)			(RF3 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	1.06	1.07	1.08	1.05	1.07	1.08	1.06	1.07	1.08	1.05	1.06	1.08	10	4.31	3.36	2.67	4.36	3.38	2.69
20	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	20	4.27	3.34	2.66	4.31	3.36	2.67
30	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	30	4.27	3.34	2.66	4.31	3.36	2.67
40	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	40	4.27	3.34	2.66	4.31	3.36	2.67
50	1.05	1.07	1.08	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	50	4.26	3.34	2.66	4.30	3.35	2.67
60	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	60	4.26	3.34	2.66	4.29	3.35	2.67
70	1.05	1.07	1.09	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	70	4.25	3.33	2.66	4.29	3.35	2.67
80	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	80	4.25	3.33	2.66	4.28	3.35	2.67
90	1.05	1.07	1.09	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	90	4.25	3.33	2.66	4.27	3.34	2.67
100	1.05	1.07	1.09	1.05	1.07	1.08	1.04	1.06	1.08	1.05	1.06	1.08	100	4.24	3.33	2.67	4.27	3.34	2.68
200	1.05	1.07	1.08	1.05	1.07	1.08	1.05	1.07	1.09	1.05	1.07	1.09	200	4.22	3.31	2.66	4.24	3.32	2.66
300	1.06	1.08	1.10	1.07	1.08	1.10	1.06	1.08	1.10	1.08	1.09	1.11	300	4.23	3.30	2.63	4.23	3.30	2.62
400	1.08	1.10	1.12	1.08	1.09	1.11	1.05	1.07	1.09	1.08	1.09	1.11	400	4.24	3.30	2.62	4.19	3.26	2.59
500	1.08	1.10	1.11	1.07	1.08	1.10	1.07	1.08	1.10	1.09	1.11	1.13	500	4.22	3.29	2.62	4.15	3.23	2.57
600	1.10	1.12	1.14	1.09	1.11	1.13	1.08	1.10	1.12	1.10	1.12	1.15	600	4.20	3.26	2.58	4.15	3.21	2.54
700	1.11	1.13	1.14	1.10	1.11	1.13	1.06	1.08	1.09	1.09	1.11	1.12	700	4.21	3.25	2.55	4.14	3.18	2.50
800	1.09	1.11	1.12	1.07	1.09	1.10	1.07	1.09	1.09	1.10	1.12	1.13	800	4.19	3.23	2.56	4.09	3.15	2.49
900	1.10	1.13	1.14	1.10	1.11	1.12	1.08	1.09	1.11	1.10	1.12	1.14	900	4.16	3.21	2.53	4.09	3.14	2.46
1000	1.10	1.12	1.14	1.08	1.10	1.11	1.05	1.06	1.07	1.08	1.09	1.10	1000	4.19	3.20	2.51	4.07	3.11	2.43
1100	1.08	1.09	1.10	1.05	1.05	1.06	1.06	1.06	1.07	1.09	1.10	1.12	1100	4.18	3.20	2.53	4.04	3.10	2.44
1200	1.11	1.12	1.13	1.09	1.09	1.09	1.07	1.07	1.08	1.08	1.09	1.11	1200	4.17	3.20	2.53	4.08	3.10	2.45
1300	1.12	1.13	1.15	1.08	1.10	1.12	1.04	1.03	1.03	1.03	1.04	1.06	1300	4.17	3.18	2.51	4.06	3.09	2.44
1400	1.06	1.08	1.11	1.03	1.05	1.08	1.02	1.04	1.06	1.05	1.08	1.10	1400	4.16	3.19	2.53	4.07	3.13	2.48
1500	1.09	1.10	1.11	1.05	1.06	1.08	1.03	1.03	1.04	1.03	1.06	1.08	1500	4.18	3.21	2.56	4.09	3.14	2.50
1600	1.14	1.15	1.17	1.11	1.13	1.16	1.05	1.03	1.04	1.04	1.06	1.08	1600	4.20	3.20	2.54	4.10	3.17	2.53
1700	1.10	1.13	1.14	1.11	1.13	1.15	1.07	1.09	1.10	1.10	1.12	1.13	1700	4.21	3.23	2.57	4.16	3.20	2.58
1800	1.08	1.10	1.10	1.08	1.10	1.10	1.04	1.05	1.06	1.08	1.09	1.10	1800	4.24	3.27	2.61	4.25	3.26	2.61
1900	1.17	1.17	1.18	1.18	1.19	1.19	1.10	1.09	1.08	1.14	1.13	1.12	1900	4.28	3.29	2.62	4.34	3.32	2.67
2000	1.17	1.18	1.17	1.20	1.21	1.19	1.15	1.15	1.14	1.20	1.19	1.17	2000	4.34	3.33	2.66	4.35	3.37	2.70
2100	1.09	1.09	1.09	1.13	1.13	1.11	1.10	1.10	1.09	1.15	1.14	1.13	2100	4.40	3.39	2.70	4.47	3.45	2.75
2200	1.16	1.16	1.15	1.20	1.19	1.18	1.12	1.11	1.08	1.17	1.15	1.12	2200	4.42	3.41	2.69	4.60	3.50	2.80
2300	1.17	1.16	1.14	1.22	1.20	1.17	1.17	1.16	1.14	1.21	1.20	1.15	2300	4.50	3.43	2.75	4.66	3.56	2.84
2400	1.07	1.05	1.03	1.11	1.08	1.06	1.12	1.11	1.11	1.13	1.12	1.10	2400	4.54	3.48	2.75	4.91	3.68	2.88
2500	1.07	1.06	1.07	1.11	1.10	1.10	1.08	1.07	1.06	1.09	1.06	1.04	2500	4.53	3.45	2.74	4.91	3.68	2.86
2600	1.09	1.07	1.05	1.10	1.09	1.07	1.13	1.12	1.10	1.12	1.10	1.09	2600	4.61	3.49	2.77	4.86	3.69	2.89
2700	1.09	1.08	1.08	1.04	1.05	1.06	1.13	1.14	1.15	1.08	1.10	1.12	2700	4.67	3.54	2.76	4.99	3.74	2.90
2800	1.09	1.11	1.13	1.11	1.13	1.14	1.09	1.12	1.13	1.08	1.10	1.11	2800	4.63	3.50	2.72	4.99	3.68	2.86



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 Page 9 of 9