

*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	0.40	0.38	0.41	0.38	0.41	0.38	10.0	57.61	59.40	56.08	55.44	62.30	57.26	61.77	53.57	61.12	56.06	62.79	55.22
20.0	0.42	0.42	0.42	0.42	0.42	0.41	20.0	80.10	70.81	100.60	82.20	74.87	71.69	78.23	65.23	88.19	67.59	77.79	65.63
30.0	0.42	0.42	0.42	0.42	0.42	0.41	30.0	82.27	72.64	77.80	72.52	82.69	72.94	78.42	63.89	86.79	63.44	79.48	64.63
40.0	0.42	0.42	0.42	0.42	0.42	0.42	40.0	78.08	70.57	76.16	69.19	82.00	70.31	81.28	61.96	89.47	60.90	85.59	61.55
50.0	0.42	0.42	0.43	0.42	0.42	0.42	50.0	63.00	62.72	60.23	59.84	62.71	62.96	61.07	59.62	62.06	54.84	62.11	68.78
60.0	0.42	0.42	0.42	0.42	0.42	0.41	60.0	74.59	62.98	69.68	67.15	68.23	63.41	68.32	57.14	69.03	55.41	68.21	59.58
70.0	0.42	0.42	0.42	0.43	0.42	0.42	70.0	74.76	64.99	74.42	64.56	73.78	64.58	83.18	56.48	83.82	56.18	86.02	56.68
80.0	0.42	0.43	0.43	0.43	0.42	0.42	80.0	72.32	63.92	71.36	63.15	72.65	63.66	80.20	55.36	81.19	55.40	84.57	55.20
90.0	0.43	0.43	0.43	0.43	0.43	0.42	90.0	70.14	62.70	70.11	61.62	71.48	62.62	84.68	54.23	80.53	54.41	82.01	54.12
100.0	0.43	0.43	0.43	0.43	0.43	0.42	100.0	69.12	61.37	69.72	61.37	70.08	61.38	86.27	53.24	79.86	53.35	79.59	53.22
200.0	0.43	0.43	0.43	0.43	0.43	0.42	200.0	64.53	55.15	63.94	54.99	64.22	55.15	78.32	47.18	76.44	47.20	75.06	47.14
300.0	0.43	0.43	0.43	0.43	0.43	0.43	300.0	60.31	51.47	60.56	51.54	60.07	51.47	72.27	43.61	71.71	43.60	71.74	43.66
400.0	0.43	0.44	0.44	0.44	0.44	0.43	400.0	57.95	49.07	57.78	48.98	57.92	49.01	71.77	41.14	70.17	41.15	70.67	41.12
500.0	0.43	0.44	0.43	0.44	0.43	0.43	500.0	55.98	46.92	55.73	46.84	55.78	46.91	67.83	39.07	68.43	39.08	67.48	39.09
600.0	0.44	0.45	0.44	0.45	0.44	0.44	600.0	54.10	45.20	54.13	45.24	54.20	45.20	66.08	37.49	66.08	37.48	66.32	37.49
700.0	0.44	0.45	0.44	0.45	0.44	0.45	700.0	52.92	43.70	52.92	43.69	53.01	43.69	64.96	36.05	65.11	36.04	64.98	36.03
800.0	0.43	0.45	0.43	0.45	0.43	0.44	800.0	51.83	42.44	51.73	42.47	51.65	42.45	61.68	34.78	61.50	34.79	62.04	34.79
900.0	0.43	0.45	0.44	0.45	0.44	0.45	900.0	50.63	41.49	50.75	41.50	50.72	41.54	59.20	33.79	59.23	33.78	59.11	33.79
1000.0	0.43	0.45	0.43	0.45	0.43	0.45	1000.0	49.80	40.29	49.75	40.30	49.67	40.29	58.38	32.80	58.32	32.81	58.49	32.81
1100.0	0.42	0.44	0.42	0.44	0.42	0.44	1100.0	49.19	39.39	49.14	39.39	49.09	39.40	57.82	31.84	57.97	31.84	58.05	31.84
1200.0	0.42	0.44	0.43	0.45	0.43	0.44	1200.0	48.18	38.66	48.24	38.67	48.21	38.67	55.59	31.05	55.61	31.05	55.69	31.05
1300.0	0.42	0.44	0.42	0.44	0.43	0.44	1300.0	47.68	37.85	47.69	37.86	47.58	37.85	53.39	30.44	53.42	30.44	53.42	30.43
1400.0	0.41	0.43	0.41	0.43	0.41	0.43	1400.0	46.87	37.34	46.92	37.34	46.91	37.36	52.54	29.74	52.52	29.74	52.68	29.74
1500.0	0.41	0.43	0.41	0.43	0.41	0.43	1500.0	46.07	36.59	46.07	36.60	46.09	36.60	51.24	29.22	51.34	29.22	51.40	29.22
1600.0	0.42	0.43	0.42	0.43	0.42	0.43	1600.0	45.93	36.08	45.91	36.07	45.89	36.09	51.03	28.59	51.03	28.58	51.08	28.60
1700.0	0.40	0.42	0.40	0.43	0.41	0.42	1700.0	44.93	35.75	44.93	35.74	45.11	35.73	49.69	28.13	49.71	28.13	49.71	28.14
1800.0	0.40	0.42	0.40	0.42	0.40	0.41	1800.0	44.96	35.26	44.98	35.24	44.99	35.26	48.08	27.86	48.05	27.86	47.99	27.86
1900.0	0.40	0.43	0.40	0.43	0.41	0.42	1900.0	44.23	34.93	44.22	34.94	44.17	34.94	47.84	27.30	47.80	27.30	47.74	27.30
2000.0	0.40	0.42	0.40	0.42	0.40	0.42	2000.0	43.18	34.47	43.24	34.47	43.30	34.46	46.49	27.01	46.47	27.01	46.39	27.02
2100.0	0.37	0.40	0.37	0.40	0.38	0.40	2100.0	43.16	33.99	43.14	33.99	43.17	33.99	46.15	26.42	46.15	26.42	46.16	26.43
2200.0	0.38	0.41	0.38	0.41	0.38	0.40	2200.0	42.15	33.85	42.23	33.86	42.27	33.85	46.28	26.06	46.27	26.06	46.32	26.08
2300.0	0.37	0.40	0.37	0.40	0.38	0.39	2300.0	41.71	33.17	41.73	33.16	41.52	33.17	43.89	25.97	43.89	25.97	43.91	25.99
2400.0	0.35	0.37	0.35	0.37	0.35	0.37	2400.0	41.31	32.75	41.33	32.72	41.46	32.71	44.19	25.19	44.18	25.19	44.33	25.20
2500.0	0.35	0.36	0.35	0.37	0.36	0.36	2500.0	40.93	32.38	40.93	32.39	40.82	32.39	44.19	24.95	44.24	24.95	44.28	24.95
2600.0	0.34	0.36	0.35	0.36	0.35	0.36	2600.0	40.14	31.68	40.15	31.68	40.16	31.66	42.56	24.55	42.57	24.55	42.64	24.53
2700.0	0.34	0.35	0.34	0.35	0.35	0.35	2700.0	39.99	31.38	40.00	31.39	39.85	31.41	43.56	23.96	43.55	23.96	43.46	23.97
2800.0	0.36	0.38	0.36	0.38	0.36	0.38	2800.0	39.34	31.02	39.32	31.03	39.22	31.04	42.79	23.92	42.77	23.93	42.72	23.93



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**IF/RF MICROWAVE COMPONENTS**

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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	1.07	1.06	1.07	1.06	1.06	1.07	1.07	1.06	1.07	1.06	1.07	1.06	3.37	3.40	3.37	3.40	3.36	3.38	
20.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	3.35	3.39	3.35	3.38	3.34	3.37	
30.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	3.35	3.40	3.35	3.40	3.34	3.38	
40.0	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	3.35	3.39	3.35	3.39	3.34	3.38	
50.0	1.07	1.07	1.06	1.06	1.06	1.07	1.06	1.06	1.07	1.06	1.06	1.06	3.35	3.38	3.35	3.38	3.34	3.36	
60.0	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	3.35	3.37	3.35	3.36	3.34	3.35	
70.0	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	3.34	3.37	3.34	3.36	3.33	3.35	
80.0	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	3.34	3.38	3.34	3.38	3.33	3.36	
90.0	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	3.34	3.39	3.34	3.39	3.33	3.37	
100.0	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.06	1.06	3.34	3.39	3.34	3.39	3.33	3.37	
200.0	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	3.33	3.35	3.33	3.34	3.31	3.33	
300.0	1.08	1.09	1.08	1.10	1.08	1.09	1.08	1.10	1.08	1.09	1.08	1.10	3.31	3.34	3.31	3.34	3.30	3.32	
400.0	1.10	1.11	1.07	1.11	1.10	1.11	1.07	1.11	1.10	1.11	1.07	1.11	3.31	3.30	3.31	3.29	3.30	3.28	
500.0	1.09	1.11	1.08	1.13	1.09	1.11	1.08	1.13	1.10	1.11	1.08	1.13	3.30	3.26	3.30	3.25	3.29	3.24	
600.0	1.12	1.14	1.09	1.16	1.12	1.14	1.10	1.16	1.12	1.14	1.10	1.16	3.27	3.21	3.27	3.21	3.26	3.20	
700.0	1.13	1.13	1.08	1.15	1.13	1.13	1.08	1.15	1.13	1.13	1.08	1.15	3.26	3.16	3.26	3.15	3.25	3.14	
800.0	1.10	1.11	1.08	1.15	1.10	1.12	1.09	1.15	1.11	1.12	1.09	1.15	3.25	3.15	3.25	3.15	3.23	3.13	
900.0	1.12	1.14	1.09	1.18	1.12	1.14	1.09	1.17	1.13	1.14	1.09	1.18	3.21	3.08	3.22	3.08	3.21	3.06	
1000.0	1.12	1.11	1.06	1.14	1.12	1.12	1.06	1.14	1.12	1.11	1.06	1.14	3.22	3.06	3.22	3.06	3.20	3.05	
1100.0	1.09	1.08	1.06	1.15	1.09	1.08	1.06	1.15	1.09	1.08	1.06	1.15	3.22	3.02	3.21	3.02	3.20	3.01	
1200.0	1.12	1.11	1.07	1.15	1.12	1.12	1.07	1.15	1.12	1.12	1.07	1.15	3.20	3.03	3.21	3.03	3.20	3.02	
1300.0	1.13	1.09	1.03	1.10	1.13	1.09	1.03	1.10	1.13	1.09	1.03	1.10	3.20	3.01	3.20	3.01	3.18	3.00	
1400.0	1.08	1.03	1.04	1.12	1.08	1.03	1.04	1.12	1.08	1.03	1.04	1.12	3.20	3.02	3.20	3.01	3.19	3.00	
1500.0	1.10	1.06	1.03	1.12	1.10	1.06	1.03	1.12	1.10	1.06	1.03	1.12	3.22	3.02	3.22	3.02	3.21	3.00	
1600.0	1.15	1.08	1.04	1.07	1.15	1.08	1.03	1.07	1.15	1.08	1.03	1.07	3.22	3.02	3.22	3.01	3.20	3.00	
1700.0	1.12	1.08	1.08	1.13	1.12	1.08	1.08	1.13	1.13	1.08	1.09	1.14	3.23	3.08	3.24	3.09	3.23	3.07	
1800.0	1.10	1.05	1.05	1.12	1.10	1.05	1.05	1.12	1.10	1.05	1.05	1.12	3.29	3.15	3.29	3.14	3.27	3.13	
1900.0	1.17	1.14	1.09	1.12	1.17	1.14	1.09	1.12	1.17	1.14	1.09	1.12	3.29	3.22	3.30	3.22	3.29	3.20	
2000.0	1.18	1.17	1.15	1.19	1.18	1.17	1.15	1.19	1.18	1.17	1.15	1.19	3.34	3.26	3.34	3.26	3.33	3.25	
2100.0	1.10	1.11	1.10	1.16	1.10	1.10	1.10	1.15	1.09	1.11	1.10	1.16	3.42	3.40	3.41	3.39	3.39	3.37	
2200.0	1.16	1.17	1.10	1.15	1.16	1.17	1.11	1.15	1.16	1.17	1.11	1.15	3.40	3.50	3.42	3.50	3.41	3.48	
2300.0	1.16	1.18	1.15	1.19	1.16	1.18	1.16	1.19	1.16	1.18	1.16	1.19	3.47	3.57	3.45	3.56	3.43	3.56	
2400.0	1.05	1.07	1.12	1.13	1.06	1.07	1.12	1.13	1.05	1.07	1.11	1.13	3.49	3.62	3.50	3.62	3.48	3.60	
2500.0	1.06	1.10	1.07	1.07	1.06	1.10	1.07	1.07	1.06	1.10	1.07	1.07	3.47	3.73	3.48	3.72	3.45	3.70	
2600.0	1.07	1.08	1.12	1.09	1.07	1.08	1.12	1.09	1.07	1.08	1.12	1.09	3.52	3.80	3.51	3.81	3.49	3.78	
2700.0	1.08	1.07	1.15	1.10	1.08	1.07	1.14	1.10	1.08	1.07	1.14	1.10	3.54	3.79	3.56	3.77	3.54	3.76	
2800.0	1.11	1.16	1.11	1.10	1.11	1.16	1.11	1.11	1.11	1.16	1.12	1.10	3.54	3.79	3.52	3.79	3.50	3.77	



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## 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	0.31	0.41	0.48	0.30	0.38	0.46	10.0	61.53	56.08	56.20	55.71	55.44	62.48	59.55	61.12	56.02	58.43	56.06	59.04
20.0	0.33	0.42	0.50	0.34	0.42	0.50	20.0	80.56	100.60	83.18	75.77	82.20	76.93	85.00	88.19	84.61	66.63	67.59	66.61
30.0	0.33	0.42	0.50	0.34	0.42	0.50	30.0	95.14	77.80	78.13	72.29	72.52	71.56	80.60	86.79	83.74	64.57	63.44	63.05
40.0	0.33	0.42	0.50	0.35	0.42	0.50	40.0	80.15	76.16	74.29	69.52	69.19	68.94	83.01	89.47	81.96	60.76	60.90	60.28
50.0	0.34	0.43	0.50	0.35	0.42	0.50	50.0	61.71	60.23	59.63	58.06	59.84	61.86	62.10	62.06	61.03	56.32	54.84	56.21
60.0	0.34	0.42	0.50	0.35	0.42	0.49	60.0	73.60	69.68	65.74	62.27	67.15	72.97	72.26	69.03	67.93	58.21	55.41	58.05
70.0	0.34	0.42	0.50	0.35	0.43	0.50	70.0	78.65	74.42	71.47	64.87	64.56	64.88	78.83	83.82	90.55	56.77	56.18	56.11
80.0	0.35	0.43	0.50	0.36	0.43	0.50	80.0	73.84	71.36	69.73	63.42	63.15	62.82	76.72	81.19	91.36	55.52	55.40	54.82
90.0	0.35	0.43	0.50	0.36	0.43	0.50	90.0	72.17	70.11	69.55	62.99	61.62	61.53	74.63	80.53	83.68	54.44	54.41	53.98
100.0	0.35	0.43	0.50	0.36	0.43	0.50	100.0	71.17	69.72	69.19	61.96	61.37	60.92	76.25	79.86	87.30	53.75	53.35	53.08
200.0	0.35	0.43	0.51	0.36	0.43	0.51	200.0	65.94	63.94	62.68	55.11	54.99	54.95	70.42	76.44	94.73	47.47	47.20	46.95
300.0	0.36	0.43	0.53	0.35	0.43	0.53	300.0	62.27	60.56	59.31	51.44	51.54	51.51	68.23	71.71	75.94	43.96	43.60	43.47
400.0	0.37	0.44	0.54	0.35	0.44	0.54	400.0	59.07	57.78	56.66	49.13	48.98	48.78	65.20	70.17	75.78	41.34	41.15	40.86
500.0	0.38	0.43	0.54	0.34	0.44	0.55	500.0	57.00	55.73	54.57	46.97	46.84	46.73	63.38	68.43	72.59	39.28	39.08	38.92
600.0	0.40	0.44	0.56	0.34	0.45	0.56	600.0	55.37	54.13	53.01	45.27	45.24	45.15	61.76	66.08	69.77	37.66	37.48	37.23
700.0	0.40	0.44	0.56	0.33	0.45	0.57	700.0	53.90	52.92	51.93	43.69	43.69	43.66	60.46	65.11	69.68	36.16	36.04	35.85
800.0	0.39	0.43	0.56	0.32	0.45	0.57	800.0	52.68	51.73	50.69	42.47	42.47	42.46	57.87	61.50	65.80	34.88	34.79	34.66
900.0	0.41	0.44	0.57	0.32	0.45	0.59	900.0	51.71	50.75	49.72	41.55	41.50	41.48	56.21	59.23	62.16	33.90	33.78	33.62
1000.0	0.39	0.43	0.58	0.31	0.45	0.59	1000.0	50.60	49.75	48.67	40.24	40.30	40.30	55.71	58.32	60.39	32.90	32.81	32.65
1100.0	0.37	0.42	0.57	0.30	0.44	0.59	1100.0	50.12	49.14	48.19	39.32	39.39	39.46	54.89	57.97	60.23	31.87	31.84	31.75
1200.0	0.37	0.43	0.58	0.30	0.45	0.59	1200.0	49.15	48.24	47.26	38.58	38.67	38.74	52.90	55.61	58.19	31.07	31.05	31.00
1300.0	0.37	0.42	0.59	0.29	0.44	0.60	1300.0	48.57	47.69	46.56	37.72	37.86	37.95	51.35	53.42	55.25	30.43	30.44	30.37
1400.0	0.34	0.41	0.58	0.27	0.43	0.59	1400.0	47.89	46.92	45.92	37.25	37.34	37.44	50.66	52.52	54.10	29.73	29.74	29.72
1500.0	0.33	0.41	0.58	0.27	0.43	0.60	1500.0	46.92	46.07	45.24	36.45	36.60	36.72	49.56	51.34	52.69	29.21	29.22	29.20
1600.0	0.34	0.42	0.60	0.26	0.43	0.60	1600.0	46.85	45.91	44.83	35.95	36.07	36.16	49.37	51.03	52.06	28.55	28.58	28.58
1700.0	0.33	0.40	0.59	0.26	0.43	0.60	1700.0	45.97	44.93	44.21	35.65	35.74	35.84	48.03	49.71	51.10	28.09	28.13	28.16
1800.0	0.32	0.40	0.58	0.24	0.42	0.60	1800.0	45.98	44.98	43.98	35.13	35.24	35.33	46.63	48.05	49.04	27.87	27.86	27.79
1900.0	0.35	0.40	0.60	0.25	0.43	0.61	1900.0	45.20	44.22	43.26	34.86	34.94	34.99	46.50	47.80	48.81	27.26	27.30	27.26
2000.0	0.34	0.40	0.59	0.24	0.42	0.60	2000.0	43.96	43.24	42.37	34.38	34.47	34.52	45.32	46.47	47.20	27.02	27.01	26.95
2100.0	0.30	0.37	0.57	0.22	0.40	0.59	2100.0	44.17	43.14	42.27	33.92	33.99	34.03	45.26	46.15	46.71	26.41	26.42	26.38
2200.0	0.32	0.38	0.59	0.22	0.41	0.60	2200.0	43.16	42.23	41.24	33.83	33.86	33.83	45.02	46.27	47.38	26.03	26.06	26.01
2300.0	0.30	0.37	0.58	0.21	0.40	0.59	2300.0	42.28	41.73	40.70	33.12	33.16	33.17	43.12	43.89	44.60	26.03	25.97	25.85
2400.0	0.24	0.35	0.57	0.18	0.37	0.57	2400.0	42.31	41.33	40.54	32.69	32.72	32.73	43.63	44.18	44.69	25.22	25.19	25.15
2500.0	0.23	0.35	0.57	0.17	0.37	0.58	2500.0	41.65	40.93	40.10	32.34	32.39	32.40	43.30	44.24	44.86	24.95	24.95	24.90
2600.0	0.22	0.35	0.57	0.16	0.36	0.57	2600.0	40.77	40.15	39.53	31.59	31.68	31.72	41.92	42.57	42.98	24.49	24.55	24.48
2700.0	0.19	0.34	0.58	0.15	0.35	0.58	2700.0	40.57	40.00	39.29	31.32	31.39	31.45	42.70	43.55	43.95	23.96	23.96	23.96
2800.0	0.20	0.36	0.61	0.16	0.38	0.61	2800.0	39.88	39.32	38.70	30.88	31.03	31.13	41.75	42.77	43.51	23.89	23.93	23.90



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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	1.06	1.06	1.08	1.05	1.07	1.07	1.06	1.07	1.08	1.05	1.06	1.07	10.0	4.31	3.37	2.67	4.37	3.40	2.69
20.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	20.0	4.27	3.35	2.66	4.34	3.38	2.68
30.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	30.0	4.27	3.35	2.66	4.35	3.40	2.68
40.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	40.0	4.27	3.35	2.66	4.35	3.39	2.68
50.0	1.05	1.06	1.09	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	50.0	4.26	3.35	2.66	4.33	3.38	2.68
60.0	1.05	1.07	1.09	1.06	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	60.0	4.26	3.35	2.66	4.32	3.36	2.68
70.0	1.05	1.07	1.09	1.06	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	70.0	4.25	3.34	2.66	4.32	3.36	2.68
80.0	1.05	1.07	1.08	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	80.0	4.25	3.34	2.66	4.32	3.38	2.68
90.0	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	90.0	4.24	3.34	2.66	4.33	3.39	2.68
100.0	1.05	1.07	1.09	1.05	1.07	1.09	1.04	1.06	1.08	1.05	1.06	1.08	100.0	4.24	3.34	2.67	4.33	3.39	2.69
200.0	1.05	1.07	1.08	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.07	1.09	200.0	4.22	3.33	2.66	4.28	3.34	2.67
300.0	1.06	1.08	1.10	1.08	1.09	1.11	1.06	1.08	1.10	1.08	1.10	1.12	300.0	4.23	3.31	2.63	4.29	3.34	2.64
400.0	1.08	1.10	1.12	1.10	1.11	1.13	1.05	1.07	1.09	1.09	1.11	1.12	400.0	4.23	3.31	2.63	4.24	3.29	2.61
500.0	1.08	1.09	1.11	1.09	1.11	1.12	1.07	1.08	1.10	1.11	1.13	1.15	500.0	4.22	3.30	2.61	4.20	3.25	2.57
600.0	1.10	1.12	1.14	1.12	1.14	1.15	1.08	1.10	1.12	1.14	1.16	1.18	600.0	4.20	3.27	2.58	4.15	3.21	2.53
700.0	1.11	1.13	1.14	1.12	1.13	1.14	1.06	1.08	1.09	1.13	1.15	1.16	700.0	4.21	3.26	2.56	4.10	3.15	2.48
800.0	1.09	1.10	1.12	1.11	1.12	1.12	1.07	1.09	1.10	1.14	1.15	1.17	800.0	4.19	3.25	2.56	4.08	3.15	2.47
900.0	1.10	1.12	1.14	1.13	1.14	1.15	1.08	1.09	1.11	1.16	1.17	1.19	900.0	4.16	3.22	2.53	4.01	3.08	2.43
1000.0	1.10	1.12	1.14	1.11	1.12	1.13	1.05	1.06	1.07	1.13	1.14	1.15	1000.0	4.19	3.22	2.51	4.00	3.06	2.39
1100.0	1.08	1.09	1.10	1.09	1.08	1.07	1.06	1.06	1.07	1.14	1.15	1.16	1100.0	4.18	3.21	2.53	3.95	3.02	2.37
1200.0	1.11	1.12	1.13	1.12	1.12	1.11	1.07	1.07	1.07	1.14	1.15	1.16	1200.0	4.17	3.21	2.53	3.97	3.03	2.39
1300.0	1.12	1.13	1.15	1.09	1.09	1.11	1.04	1.03	1.03	1.10	1.10	1.10	1300.0	4.17	3.20	2.51	3.91	3.01	2.38
1400.0	1.06	1.08	1.11	1.04	1.03	1.04	1.02	1.04	1.07	1.10	1.12	1.13	1400.0	4.17	3.20	2.52	3.92	3.01	2.39
1500.0	1.09	1.10	1.11	1.07	1.06	1.06	1.03	1.03	1.04	1.10	1.12	1.13	1500.0	4.19	3.22	2.56	3.93	3.02	2.39
1600.0	1.14	1.15	1.17	1.06	1.08	1.09	1.05	1.03	1.03	1.04	1.07	1.09	1600.0	4.19	3.22	2.55	3.93	3.01	2.39
1700.0	1.10	1.12	1.14	1.06	1.08	1.10	1.07	1.08	1.11	1.12	1.13	1.16	1700.0	4.22	3.24	2.56	3.98	3.09	2.43
1800.0	1.08	1.10	1.10	1.04	1.05	1.06	1.04	1.05	1.06	1.09	1.12	1.14	1800.0	4.24	3.29	2.62	4.07	3.14	2.51
1900.0	1.17	1.17	1.18	1.14	1.14	1.14	1.10	1.09	1.08	1.11	1.12	1.12	1900.0	4.27	3.30	2.62	4.18	3.22	2.57
2000.0	1.17	1.18	1.17	1.17	1.17	1.16	1.15	1.15	1.14	1.18	1.19	1.19	2000.0	4.34	3.34	2.65	4.25	3.26	2.60
2100.0	1.09	1.10	1.09	1.11	1.10	1.09	1.10	1.10	1.09	1.15	1.15	1.16	2100.0	4.40	3.41	2.71	4.40	3.39	2.69
2200.0	1.16	1.16	1.15	1.17	1.17	1.16	1.12	1.11	1.08	1.16	1.15	1.13	2200.0	4.42	3.42	2.70	4.47	3.50	2.77
2300.0	1.17	1.16	1.14	1.20	1.18	1.16	1.17	1.16	1.13	1.21	1.19	1.17	2300.0	4.51	3.45	2.74	4.69	3.56	2.81
2400.0	1.07	1.06	1.03	1.08	1.07	1.05	1.12	1.12	1.11	1.13	1.13	1.12	2400.0	4.54	3.50	2.76	4.74	3.62	2.86
2500.0	1.07	1.06	1.07	1.09	1.10	1.11	1.08	1.07	1.06	1.09	1.07	1.05	2500.0	4.53	3.48	2.74	4.87	3.72	2.92
2600.0	1.09	1.07	1.05	1.09	1.08	1.08	1.13	1.12	1.11	1.11	1.09	1.07	2600.0	4.62	3.51	2.76	5.02	3.81	2.96
2700.0	1.09	1.08	1.08	1.06	1.07	1.08	1.13	1.14	1.15	1.08	1.10	1.11	2700.0	4.67	3.56	2.76	5.06	3.77	2.95
2800.0	1.09	1.11	1.13	1.13	1.16	1.18	1.09	1.11	1.13	1.08	1.11	1.12	2800.0	4.63	3.52	2.73	5.02	3.79	2.93



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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-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	0.33	0.40	0.49	0.29	0.38	0.46	10.0	56.13	57.61	54.61	57.00	59.40	57.37	55.79	61.77	60.26	57.91	53.57	55.92
20.0	0.34	0.42	0.50	0.33	0.42	0.50	20.0	81.02	80.10	80.84	77.45	70.81	73.76	74.42	78.23	89.40	67.65	65.23	67.56
30.0	0.34	0.42	0.50	0.33	0.42	0.50	30.0	81.80	82.27	82.78	70.96	72.64	73.60	78.75	78.42	90.20	63.67	63.89	63.43
40.0	0.35	0.42	0.50	0.34	0.42	0.50	40.0	80.27	78.08	76.71	69.23	70.57	70.14	82.02	81.28	94.78	60.89	61.96	60.55
50.0	0.35	0.42	0.50	0.34	0.42	0.50	50.0	60.16	63.00	59.86	59.32	62.72	62.79	61.48	61.07	61.47	54.73	59.62	54.32
60.0	0.35	0.42	0.50	0.34	0.42	0.50	60.0	67.18	74.59	65.32	66.06	62.98	63.53	66.79	68.32	68.32	56.63	57.14	55.96
70.0	0.35	0.42	0.50	0.34	0.42	0.50	70.0	73.57	74.76	71.60	64.67	64.99	63.80	77.92	83.18	91.17	56.65	56.48	55.99
80.0	0.35	0.42	0.50	0.35	0.43	0.50	80.0	74.20	72.32	70.60	63.20	63.92	63.28	80.47	80.20	87.40	55.63	55.36	55.02
90.0	0.36	0.43	0.51	0.35	0.43	0.50	90.0	72.64	70.14	70.42	62.26	62.70	62.41	78.17	84.68	94.18	54.72	54.23	54.13
100.0	0.36	0.43	0.51	0.35	0.43	0.51	100.0	73.03	69.12	70.20	61.64	61.37	61.02	74.92	86.27	93.53	53.74	53.24	53.11
200.0	0.35	0.43	0.51	0.35	0.43	0.51	200.0	65.17	64.53	62.73	55.14	55.15	54.93	70.59	78.32	98.54	47.47	47.18	46.97
300.0	0.35	0.43	0.53	0.34	0.43	0.53	300.0	61.61	60.31	59.08	51.57	51.47	51.29	66.61	72.27	77.24	43.87	43.61	43.37
400.0	0.34	0.43	0.54	0.34	0.44	0.54	400.0	59.00	57.95	56.56	49.17	49.07	48.88	65.73	71.77	76.11	41.35	41.14	40.89
500.0	0.33	0.43	0.54	0.33	0.44	0.55	500.0	56.80	55.98	54.53	46.87	46.92	46.78	62.91	67.83	72.46	39.26	39.07	38.86
600.0	0.33	0.44	0.56	0.33	0.45	0.57	600.0	55.21	54.10	53.07	45.26	45.20	45.10	62.16	66.08	70.13	37.66	37.49	37.24
700.0	0.32	0.44	0.57	0.32	0.45	0.57	700.0	54.02	52.92	51.93	43.69	43.70	43.67	60.44	64.96	70.34	36.18	36.05	35.84
800.0	0.31	0.43	0.56	0.32	0.45	0.57	800.0	52.68	51.83	50.62	42.47	42.44	42.41	57.81	61.68	65.98	34.88	34.78	34.65
900.0	0.30	0.43	0.58	0.31	0.45	0.59	900.0	51.63	50.63	49.64	41.52	41.49	41.46	56.27	59.20	62.21	33.90	33.79	33.63
1000.0	0.29	0.43	0.58	0.30	0.45	0.59	1000.0	50.66	49.80	48.65	40.23	40.29	40.30	55.64	58.38	60.55	32.90	32.80	32.67
1100.0	0.28	0.42	0.57	0.29	0.44	0.59	1100.0	50.19	49.19	48.09	39.29	39.39	39.44	54.88	57.82	60.21	31.87	31.84	31.75
1200.0	0.28	0.42	0.58	0.29	0.44	0.59	1200.0	49.19	48.18	47.21	38.60	38.66	38.70	52.86	55.59	58.15	31.06	31.05	30.99
1300.0	0.27	0.42	0.59	0.28	0.44	0.60	1300.0	48.45	47.68	46.57	37.73	37.85	37.94	51.34	53.39	55.20	30.45	30.44	30.37
1400.0	0.25	0.41	0.58	0.26	0.43	0.59	1400.0	47.90	46.87	45.90	37.25	37.34	37.43	50.54	52.54	54.07	29.72	29.74	29.72
1500.0	0.25	0.41	0.58	0.26	0.43	0.60	1500.0	46.94	46.07	45.22	36.46	36.59	36.70	49.67	51.24	52.61	29.21	29.22	29.20
1600.0	0.25	0.42	0.60	0.25	0.43	0.60	1600.0	46.83	45.93	44.80	35.92	36.08	36.18	49.41	51.03	52.06	28.56	28.59	28.57
1700.0	0.23	0.40	0.59	0.24	0.42	0.60	1700.0	45.93	44.93	44.19	35.65	35.75	35.82	48.01	49.69	51.18	28.08	28.13	28.16
1800.0	0.22	0.40	0.58	0.23	0.42	0.60	1800.0	45.97	44.96	43.96	35.13	35.26	35.33	46.67	48.08	49.02	27.86	27.86	27.79
1900.0	0.22	0.40	0.60	0.24	0.43	0.61	1900.0	45.22	44.23	43.30	34.87	34.93	34.99	46.53	47.84	48.77	27.27	27.30	27.27
2000.0	0.21	0.40	0.59	0.23	0.42	0.60	2000.0	44.03	43.18	42.37	34.38	34.47	34.52	45.35	46.49	47.21	27.02	27.01	26.96
2100.0	0.19	0.37	0.57	0.21	0.40	0.59	2100.0	44.19	43.16	42.25	33.92	33.99	34.01	45.28	46.15	46.70	26.41	26.42	26.38
2200.0	0.19	0.38	0.59	0.21	0.41	0.60	2200.0	43.15	42.15	41.22	33.83	33.85	33.83	45.00	46.28	47.32	26.04	26.06	26.02
2300.0	0.18	0.37	0.58	0.20	0.40	0.59	2300.0	42.29	41.71	40.71	33.12	33.17	33.18	43.01	43.89	44.57	26.04	25.97	25.85
2400.0	0.16	0.35	0.56	0.17	0.37	0.57	2400.0	42.28	41.31	40.53	32.66	32.75	32.72	43.72	44.19	44.63	25.19	25.19	25.14
2500.0	0.15	0.35	0.57	0.16	0.36	0.57	2500.0	41.67	40.93	40.10	32.35	32.38	32.40	43.30	44.19	44.88	24.97	24.95	24.91
2600.0	0.14	0.34	0.57	0.15	0.36	0.57	2600.0	40.74	40.14	39.50	31.59	31.68	31.73	41.89	42.56	43.00	24.51	24.55	24.49
2700.0	0.13	0.34	0.58	0.14	0.35	0.57	2700.0	40.59	39.99	39.29	31.32	31.38	31.45	42.76	43.56	43.95	23.94	23.96	23.96
2800.0	0.14	0.36	0.61	0.16	0.38	0.61	2800.0	39.88	39.34	38.69	30.89	31.02	31.12	41.71	42.79	43.51	23.91	23.92	23.91



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IF/RF MICROWAVE COMPONENTS

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			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	1.06	1.07	1.08	1.05	1.06	1.07	1.06	1.07	1.08	1.05	1.06	1.07	10.0	4.30	3.37	2.67	4.37	3.40	2.68
20.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	20.0	4.27	3.35	2.66	4.34	3.39	2.67
30.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	30.0	4.27	3.35	2.66	4.35	3.40	2.68
40.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	40.0	4.27	3.35	2.66	4.34	3.39	2.68
50.0	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	50.0	4.26	3.35	2.66	4.33	3.38	2.67
60.0	1.05	1.07	1.09	1.06	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	60.0	4.25	3.35	2.66	4.31	3.37	2.67
70.0	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	70.0	4.25	3.34	2.66	4.31	3.37	2.67
80.0	1.05	1.07	1.08	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	80.0	4.25	3.34	2.66	4.32	3.38	2.67
90.0	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	90.0	4.24	3.34	2.66	4.32	3.39	2.68
100.0	1.05	1.07	1.09	1.05	1.07	1.09	1.04	1.06	1.08	1.05	1.06	1.08	100.0	4.24	3.34	2.67	4.32	3.39	2.68
200.0	1.05	1.07	1.08	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.07	1.09	200.0	4.22	3.33	2.66	4.28	3.35	2.66
300.0	1.06	1.08	1.10	1.08	1.09	1.11	1.06	1.08	1.10	1.08	1.10	1.12	300.0	4.23	3.31	2.63	4.29	3.34	2.63
400.0	1.08	1.10	1.12	1.10	1.11	1.13	1.05	1.07	1.09	1.09	1.11	1.12	400.0	4.23	3.31	2.62	4.23	3.30	2.60
500.0	1.08	1.09	1.11	1.09	1.11	1.12	1.07	1.08	1.10	1.11	1.13	1.15	500.0	4.21	3.30	2.62	4.19	3.26	2.57
600.0	1.10	1.12	1.14	1.12	1.14	1.15	1.08	1.09	1.12	1.14	1.16	1.18	600.0	4.20	3.27	2.58	4.15	3.21	2.52
700.0	1.11	1.13	1.14	1.12	1.13	1.15	1.06	1.08	1.09	1.13	1.15	1.16	700.0	4.21	3.26	2.55	4.09	3.16	2.47
800.0	1.09	1.10	1.12	1.11	1.11	1.12	1.07	1.08	1.09	1.14	1.15	1.17	800.0	4.19	3.25	2.56	4.07	3.15	2.47
900.0	1.10	1.12	1.14	1.13	1.14	1.15	1.08	1.09	1.11	1.16	1.18	1.19	900.0	4.16	3.21	2.53	4.01	3.08	2.42
1000.0	1.10	1.12	1.14	1.11	1.11	1.13	1.05	1.06	1.07	1.13	1.14	1.15	1000.0	4.18	3.22	2.50	4.00	3.06	2.39
1100.0	1.08	1.09	1.10	1.09	1.08	1.07	1.06	1.06	1.07	1.14	1.15	1.16	1100.0	4.17	3.22	2.53	3.95	3.02	2.37
1200.0	1.11	1.12	1.13	1.12	1.11	1.11	1.07	1.07	1.08	1.14	1.15	1.16	1200.0	4.17	3.20	2.53	3.96	3.03	2.39
1300.0	1.12	1.13	1.15	1.09	1.09	1.11	1.04	1.03	1.03	1.09	1.10	1.10	1300.0	4.16	3.20	2.50	3.91	3.01	2.38
1400.0	1.06	1.08	1.11	1.04	1.03	1.04	1.02	1.04	1.06	1.10	1.12	1.13	1400.0	4.16	3.20	2.53	3.92	3.02	2.38
1500.0	1.09	1.10	1.11	1.07	1.06	1.06	1.02	1.03	1.04	1.10	1.12	1.13	1500.0	4.18	3.22	2.56	3.92	3.02	2.39
1600.0	1.14	1.15	1.17	1.06	1.08	1.09	1.05	1.04	1.04	1.04	1.07	1.09	1600.0	4.19	3.22	2.54	3.93	3.02	2.38
1700.0	1.10	1.12	1.14	1.06	1.08	1.10	1.07	1.08	1.10	1.11	1.13	1.16	1700.0	4.21	3.23	2.57	3.98	3.08	2.44
1800.0	1.08	1.10	1.10	1.04	1.05	1.06	1.04	1.05	1.06	1.09	1.12	1.14	1800.0	4.24	3.29	2.61	4.07	3.15	2.50
1900.0	1.17	1.17	1.18	1.13	1.14	1.14	1.10	1.09	1.08	1.11	1.12	1.12	1900.0	4.28	3.29	2.62	4.18	3.22	2.57
2000.0	1.17	1.18	1.17	1.17	1.17	1.16	1.15	1.15	1.14	1.18	1.19	1.19	2000.0	4.33	3.34	2.67	4.24	3.26	2.60
2100.0	1.09	1.10	1.09	1.11	1.11	1.10	1.10	1.10	1.09	1.15	1.16	1.16	2100.0	4.39	3.42	2.69	4.40	3.40	2.68
2200.0	1.16	1.16	1.15	1.17	1.17	1.16	1.12	1.10	1.09	1.16	1.15	1.13	2200.0	4.43	3.40	2.70	4.47	3.50	2.76
2300.0	1.17	1.16	1.14	1.20	1.18	1.16	1.17	1.15	1.13	1.21	1.19	1.17	2300.0	4.48	3.47	2.75	4.68	3.57	2.80
2400.0	1.07	1.05	1.03	1.08	1.07	1.05	1.12	1.12	1.11	1.13	1.13	1.12	2400.0	4.54	3.49	2.75	4.75	3.62	2.86
2500.0	1.07	1.06	1.07	1.10	1.10	1.11	1.08	1.07	1.06	1.08	1.07	1.06	2500.0	4.53	3.47	2.74	4.86	3.73	2.92
2600.0	1.09	1.07	1.05	1.09	1.08	1.08	1.13	1.12	1.10	1.11	1.09	1.07	2600.0	4.60	3.52	2.77	5.03	3.80	2.96
2700.0	1.09	1.08	1.08	1.06	1.07	1.08	1.13	1.15	1.16	1.08	1.10	1.11	2700.0	4.68	3.54	2.76	5.06	3.79	2.93
2800.0	1.09	1.11	1.13	1.13	1.16	1.18	1.10	1.11	1.13	1.08	1.10	1.11	2800.0	4.63	3.54	2.72	4.99	3.79	2.94



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IF/RF MICROWAVE COMPONENTS

*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-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	0.33	0.41	0.49	0.30	0.38	0.46	10.0	59.38	62.30	56.45	55.50	57.26	55.91	65.22	62.79	55.60	59.24	55.22	66.30
20.0	0.34	0.42	0.50	0.34	0.41	0.50	20.0	76.70	74.87	79.21	79.71	71.69	77.11	79.14	77.79	77.94	66.72	65.63	67.80
30.0	0.34	0.42	0.50	0.34	0.41	0.50	30.0	83.82	82.69	85.31	74.55	72.94	70.55	77.29	79.48	83.52	64.18	64.63	63.06
40.0	0.35	0.42	0.50	0.34	0.42	0.50	40.0	81.43	82.00	76.66	69.03	70.31	68.20	83.53	85.59	84.58	61.76	61.55	60.43
50.0	0.35	0.42	0.50	0.35	0.42	0.50	50.0	59.90	62.71	62.82	58.96	62.96	57.84	61.79	62.11	61.45	61.08	68.78	55.83
60.0	0.35	0.42	0.50	0.34	0.41	0.49	60.0	67.21	68.23	69.41	65.38	63.41	61.60	67.17	68.21	68.84	60.50	59.58	57.88
70.0	0.35	0.42	0.50	0.35	0.42	0.50	70.0	74.25	73.78	72.46	64.83	64.58	64.04	78.23	86.02	88.72	56.88	56.68	56.03
80.0	0.35	0.42	0.50	0.35	0.42	0.50	80.0	73.67	72.65	72.26	63.20	63.66	62.97	79.60	84.57	99.04	55.42	55.20	54.83
90.0	0.36	0.43	0.50	0.35	0.42	0.50	90.0	73.08	71.48	69.75	62.16	62.62	62.34	77.25	82.01	84.58	54.42	54.12	53.90
100.0	0.36	0.43	0.51	0.35	0.42	0.50	100.0	72.77	70.08	68.22	61.63	61.38	61.47	75.64	79.59	86.78	53.65	53.22	53.17
200.0	0.35	0.43	0.51	0.35	0.42	0.51	200.0	65.29	64.22	63.06	55.16	55.15	54.76	70.31	75.06	88.88	47.37	47.14	46.98
300.0	0.35	0.43	0.53	0.35	0.43	0.52	300.0	61.70	60.07	59.25	51.59	51.47	51.18	66.34	71.74	76.82	43.92	43.66	43.41
400.0	0.34	0.44	0.54	0.34	0.43	0.54	400.0	58.84	57.92	56.70	49.10	49.01	48.82	65.85	70.67	74.93	41.32	41.12	40.84
500.0	0.33	0.43	0.54	0.33	0.43	0.54	500.0	56.78	55.78	54.71	46.90	46.91	46.76	62.82	67.48	72.83	39.28	39.09	38.88
600.0	0.33	0.44	0.56	0.33	0.44	0.56	600.0	55.33	54.20	53.11	45.29	45.20	45.11	61.93	66.32	69.47	37.66	37.49	37.23
700.0	0.32	0.44	0.57	0.33	0.45	0.57	700.0	53.98	53.01	51.93	43.67	43.69	43.62	60.36	64.98	69.94	36.17	36.03	35.85
800.0	0.31	0.43	0.56	0.32	0.44	0.57	800.0	52.66	51.65	50.68	42.46	42.45	42.41	58.00	62.04	66.00	34.89	34.79	34.64
900.0	0.30	0.44	0.57	0.32	0.45	0.58	900.0	51.68	50.72	49.67	41.56	41.54	41.46	56.16	59.11	62.16	33.90	33.79	33.62
1000.0	0.29	0.43	0.58	0.31	0.45	0.59	1000.0	50.63	49.67	48.73	40.25	40.29	40.32	55.63	58.49	60.36	32.91	32.81	32.65
1100.0	0.28	0.42	0.57	0.30	0.44	0.58	1100.0	50.21	49.09	48.16	39.32	39.40	39.43	55.02	58.05	60.06	31.86	31.84	31.75
1200.0	0.28	0.43	0.58	0.29	0.44	0.59	1200.0	49.23	48.21	47.22	38.60	38.67	38.71	52.83	55.69	58.15	31.06	31.05	30.99
1300.0	0.27	0.43	0.59	0.28	0.44	0.59	1300.0	48.48	47.58	46.50	37.73	37.85	37.95	51.34	53.42	55.27	30.44	30.43	30.37
1400.0	0.25	0.41	0.58	0.27	0.43	0.59	1400.0	47.91	46.91	45.90	37.26	37.36	37.44	50.64	52.68	54.05	29.71	29.74	29.71
1500.0	0.25	0.41	0.58	0.26	0.43	0.59	1500.0	46.91	46.09	45.21	36.45	36.60	36.72	49.57	51.40	52.60	29.20	29.22	29.19
1600.0	0.25	0.42	0.60	0.25	0.43	0.60	1600.0	46.83	45.89	44.80	35.92	36.09	36.18	49.40	51.08	52.08	28.56	28.60	28.56
1700.0	0.23	0.41	0.59	0.25	0.42	0.60	1700.0	45.95	45.11	44.21	35.63	35.73	35.82	47.98	49.71	51.06	28.09	28.14	28.16
1800.0	0.22	0.40	0.58	0.24	0.41	0.59	1800.0	45.98	44.99	43.98	35.13	35.26	35.34	46.66	47.99	49.09	27.85	27.86	27.79
1900.0	0.23	0.41	0.60	0.24	0.42	0.61	1900.0	45.27	44.17	43.29	34.86	34.94	34.97	46.51	47.74	48.82	27.28	27.30	27.27
2000.0	0.21	0.40	0.59	0.23	0.42	0.60	2000.0	43.97	43.30	42.39	34.39	34.46	34.52	45.32	46.39	47.22	27.02	27.02	26.96
2100.0	0.19	0.38	0.57	0.21	0.40	0.59	2100.0	44.18	43.17	42.28	33.93	33.99	34.04	45.29	46.16	46.72	26.41	26.43	26.38
2200.0	0.19	0.38	0.58	0.22	0.40	0.60	2200.0	43.17	42.27	41.26	33.84	33.85	33.83	44.99	46.32	47.33	26.05	26.08	26.02
2300.0	0.18	0.38	0.58	0.21	0.39	0.59	2300.0	42.30	41.52	40.72	33.11	33.17	33.19	43.09	43.91	44.63	26.03	25.99	25.85
2400.0	0.16	0.35	0.56	0.17	0.37	0.57	2400.0	42.33	41.46	40.57	32.68	32.71	32.73	43.62	44.33	44.67	25.20	25.20	25.14
2500.0	0.15	0.36	0.57	0.16	0.36	0.57	2500.0	41.62	40.82	40.11	32.34	32.39	32.40	43.31	44.28	44.84	24.97	24.95	24.90
2600.0	0.14	0.35	0.57	0.15	0.36	0.57	2600.0	40.77	40.16	39.55	31.58	31.66	31.73	41.94	42.64	43.04	24.50	24.53	24.48
2700.0	0.13	0.35	0.58	0.14	0.35	0.57	2700.0	40.55	39.85	39.33	31.33	31.41	31.45	42.73	43.46	43.92	23.93	23.97	23.95
2800.0	0.14	0.36	0.61	0.16	0.38	0.61	2800.0	39.85	39.22	38.67	30.89	31.04	31.13	41.73	42.72	43.52	23.91	23.93	23.91



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**IF/RF MICROWAVE COMPONENTS**

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Typical Performance Data

RF FREQ (MHz)	VSWR (:1) @ VDD=+4.8 OVER TEMPERATURE (ON STATE)												RF FREQ (MHz)	VSWR (:1) @ VDD=+4.8V 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	1.06	1.07	1.08	1.05	1.06	1.08	1.06	1.07	1.08	1.05	1.06	1.07	10.0	4.31	3.36	2.67	4.38	3.38	2.69
20.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	20.0	4.27	3.34	2.66	4.35	3.37	2.68
30.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	30.0	4.27	3.34	2.66	4.35	3.38	2.68
40.0	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	40.0	4.27	3.34	2.66	4.35	3.38	2.68
50.0	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	1.05	1.06	1.08	50.0	4.26	3.34	2.66	4.33	3.36	2.68
60.0	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	60.0	4.26	3.34	2.66	4.32	3.35	2.67
70.0	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	70.0	4.25	3.33	2.66	4.32	3.35	2.68
80.0	1.05	1.07	1.08	1.05	1.07	1.08	1.05	1.06	1.08	1.05	1.06	1.08	80.0	4.25	3.33	2.66	4.32	3.36	2.68
90.0	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.06	1.08	1.05	1.06	1.08	90.0	4.25	3.33	2.66	4.33	3.37	2.68
100.0	1.05	1.07	1.09	1.06	1.07	1.09	1.04	1.06	1.08	1.05	1.06	1.08	100.0	4.24	3.33	2.67	4.33	3.37	2.69
200.0	1.05	1.07	1.08	1.05	1.07	1.09	1.05	1.07	1.09	1.05	1.07	1.09	200.0	4.22	3.31	2.66	4.29	3.33	2.67
300.0	1.06	1.08	1.10	1.08	1.09	1.11	1.06	1.08	1.10	1.09	1.10	1.12	300.0	4.23	3.30	2.63	4.29	3.32	2.64
400.0	1.08	1.10	1.12	1.10	1.11	1.13	1.05	1.07	1.09	1.09	1.11	1.12	400.0	4.24	3.30	2.62	4.25	3.28	2.61
500.0	1.08	1.10	1.11	1.09	1.11	1.12	1.07	1.08	1.10	1.11	1.13	1.15	500.0	4.22	3.29	2.62	4.20	3.24	2.57
600.0	1.10	1.12	1.14	1.12	1.14	1.15	1.08	1.10	1.12	1.14	1.16	1.18	600.0	4.20	3.26	2.58	4.15	3.20	2.53
700.0	1.11	1.13	1.14	1.12	1.13	1.15	1.06	1.08	1.09	1.13	1.15	1.16	700.0	4.21	3.25	2.55	4.10	3.14	2.48
800.0	1.09	1.11	1.12	1.11	1.12	1.12	1.07	1.09	1.09	1.14	1.15	1.17	800.0	4.19	3.23	2.56	4.08	3.13	2.47
900.0	1.10	1.13	1.14	1.13	1.14	1.15	1.08	1.09	1.11	1.16	1.18	1.19	900.0	4.16	3.21	2.53	4.01	3.06	2.43
1000.0	1.10	1.12	1.14	1.11	1.11	1.13	1.05	1.06	1.07	1.13	1.14	1.15	1000.0	4.19	3.20	2.51	4.01	3.05	2.39
1100.0	1.08	1.09	1.10	1.09	1.08	1.07	1.06	1.06	1.07	1.14	1.15	1.16	1100.0	4.18	3.20	2.53	3.95	3.01	2.37
1200.0	1.11	1.12	1.13	1.12	1.12	1.11	1.07	1.07	1.08	1.14	1.15	1.16	1200.0	4.17	3.20	2.53	3.96	3.02	2.39
1300.0	1.12	1.13	1.15	1.09	1.09	1.11	1.04	1.03	1.03	1.09	1.10	1.10	1300.0	4.17	3.18	2.51	3.94	3.00	2.38
1400.0	1.06	1.08	1.11	1.04	1.03	1.04	1.02	1.04	1.06	1.10	1.12	1.13	1400.0	4.16	3.19	2.53	3.91	3.00	2.39
1500.0	1.09	1.10	1.11	1.07	1.06	1.06	1.03	1.03	1.04	1.10	1.12	1.13	1500.0	4.18	3.21	2.56	3.94	3.00	2.39
1600.0	1.14	1.15	1.17	1.06	1.08	1.09	1.05	1.03	1.04	1.05	1.07	1.09	1600.0	4.20	3.20	2.54	3.92	3.00	2.39
1700.0	1.10	1.13	1.14	1.06	1.08	1.10	1.07	1.09	1.10	1.11	1.14	1.16	1700.0	4.21	3.23	2.57	3.99	3.07	2.43
1800.0	1.08	1.10	1.10	1.04	1.05	1.06	1.04	1.05	1.06	1.09	1.12	1.14	1800.0	4.24	3.27	2.61	4.08	3.13	2.50
1900.0	1.17	1.17	1.18	1.13	1.14	1.14	1.10	1.09	1.08	1.11	1.12	1.12	1900.0	4.28	3.29	2.62	4.17	3.20	2.57
2000.0	1.17	1.18	1.17	1.17	1.17	1.16	1.15	1.15	1.14	1.19	1.19	1.19	2000.0	4.34	3.33	2.66	4.27	3.25	2.60
2100.0	1.09	1.09	1.09	1.10	1.11	1.10	1.10	1.10	1.09	1.14	1.16	1.16	2100.0	4.40	3.39	2.70	4.39	3.37	2.68
2200.0	1.16	1.16	1.15	1.18	1.17	1.16	1.12	1.11	1.08	1.16	1.15	1.13	2200.0	4.42	3.41	2.69	4.51	3.48	2.75
2300.0	1.17	1.16	1.14	1.20	1.18	1.16	1.17	1.16	1.14	1.21	1.19	1.16	2300.0	4.50	3.43	2.75	4.67	3.56	2.82
2400.0	1.07	1.05	1.03	1.08	1.07	1.05	1.12	1.11	1.11	1.13	1.13	1.12	2400.0	4.54	3.48	2.75	4.77	3.60	2.86
2500.0	1.07	1.06	1.07	1.10	1.10	1.11	1.08	1.07	1.06	1.09	1.07	1.06	2500.0	4.53	3.45	2.74	4.87	3.70	2.92
2600.0	1.09	1.07	1.05	1.09	1.08	1.08	1.13	1.12	1.10	1.10	1.09	1.07	2600.0	4.61	3.49	2.77	5.04	3.78	2.95
2700.0	1.09	1.08	1.08	1.06	1.07	1.08	1.13	1.14	1.15	1.08	1.10	1.11	2700.0	4.67	3.54	2.76	5.06	3.76	2.94
2800.0	1.09	1.11	1.13	1.13	1.16	1.18	1.09	1.12	1.13	1.09	1.10	1.11	2800.0	4.63	3.50	2.72	5.00	3.77	2.95



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