

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-RF4	RF COM-RF1	RF COM-RF4	RF COM-RF1	RF COM-RF4		RF COM-RF1 (RF2 ON)	RF COM-RF4 (RF3 ON)	RF COM-RF1 (RF2 ON)	RF COM-RF4 (RF3 ON)	RF COM-RF1 (RF2 ON)	RF COM-RF4 (RF3 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	0.39	0.41	0.39	0.41	0.39	10	57.61	56.77	56.08	56.02	62.30	59.81	57.30	62.99	56.15	55.33	59.29	57.12
20	0.42	0.41	0.42	0.41	0.42	0.41	20	80.10	76.60	100.60	74.71	74.87	75.34	79.80	65.22	82.05	63.93	75.45	64.81
30	0.42	0.41	0.42	0.41	0.42	0.41	30	82.27	82.95	77.80	78.14	82.69	74.30	86.99	61.95	83.87	62.09	87.69	61.48
40	0.42	0.41	0.42	0.41	0.42	0.41	40	78.08	75.48	76.16	73.24	82.00	73.46	79.47	58.97	86.71	59.62	83.98	59.44
50	0.42	0.40	0.43	0.40	0.42	0.41	50	63.00	64.50	60.23	63.32	62.71	58.85	62.29	54.25	61.09	65.15	61.07	53.80
60	0.42	0.41	0.42	0.41	0.42	0.41	60	74.59	66.66	69.68	83.98	68.23	63.52	70.49	55.82	66.86	57.60	66.49	55.39
70	0.42	0.41	0.42	0.41	0.42	0.41	70	74.76	67.98	74.42	68.24	73.78	67.79	83.18	54.47	77.59	54.69	79.29	54.26
80	0.42	0.41	0.43	0.42	0.42	0.41	80	72.32	67.11	71.36	66.53	72.65	66.53	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	65.87	70.11	65.01	71.48	65.83	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	64.84	69.72	64.38	70.08	65.13	74.73	51.57	76.87	51.47	76.53	51.57
200	0.43	0.42	0.43	0.42	0.43	0.42	200	64.53	58.60	63.94	58.49	64.22	58.40	69.00	45.44	69.56	45.41	70.05	45.44
300	0.43	0.42	0.43	0.43	0.43	0.42	300	60.31	55.18	60.56	55.05	60.07	54.91	65.81	41.98	66.27	41.89	66.43	42.03
400	0.43	0.43	0.44	0.43	0.44	0.43	400	57.95	52.37	57.78	52.38	57.92	52.56	62.60	39.48	62.41	39.50	62.75	39.48
500	0.43	0.43	0.43	0.43	0.43	0.43	500	55.98	50.38	55.73	50.38	55.78	50.44	60.76	37.44	61.32	37.47	61.13	37.47
600	0.44	0.43	0.44	0.43	0.44	0.43	600	54.10	48.78	54.13	48.72	54.20	48.79	58.92	35.93	59.11	35.93	58.93	35.94
700	0.44	0.43	0.44	0.43	0.44	0.43	700	52.92	47.40	52.92	47.36	53.01	47.34	57.79	34.53	57.65	34.51	57.74	34.52
800	0.43	0.43	0.43	0.43	0.43	0.43	800	51.83	46.20	51.73	46.21	51.65	46.20	56.65	33.28	56.72	33.28	56.62	33.29
900	0.43	0.43	0.44	0.43	0.44	0.43	900	50.63	45.19	50.75	45.17	50.72	45.23	55.22	32.30	55.14	32.31	55.11	32.30
1000	0.43	0.42	0.43	0.43	0.43	0.43	1000	49.80	44.13	49.75	44.14	49.67	44.16	53.76	31.41	53.76	31.40	53.76	31.41
1100	0.42	0.42	0.42	0.42	0.42	0.42	1100	49.19	43.30	49.14	43.30	49.09	43.29	52.96	30.46	52.90	30.46	52.87	30.47
1200	0.42	0.42	0.43	0.42	0.43	0.42	1200	48.18	42.53	48.24	42.54	48.21	42.56	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	41.88	47.69	41.88	47.58	41.85	50.96	29.10	50.91	29.10	51.12	29.10
1400	0.41	0.40	0.41	0.41	0.41	0.41	1400	46.87	41.31	46.92	41.30	46.91	41.31	50.09	28.43	50.10	28.43	50.00	28.44
1500	0.41	0.40	0.41	0.41	0.41	0.41	1500	46.07	40.65	46.07	40.67	46.09	40.66	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	40.09	45.91	40.10	45.89	40.10	48.03	27.40	48.05	27.40	48.03	27.41
1700	0.40	0.40	0.40	0.41	0.41	0.41	1700	44.93	39.69	44.93	39.68	45.11	39.68	47.70	26.89	47.72	26.88	47.69	26.89
1800	0.40	0.39	0.40	0.40	0.40	0.40	1800	44.96	39.16	44.98	39.16	44.99	39.15	46.35	26.71	46.30	26.71	46.26	26.71
1900	0.40	0.41	0.40	0.41	0.41	0.41	1900	44.23	38.81	44.22	38.83	44.17	38.84	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	38.33	43.24	38.36	43.30	38.33	45.00	25.89	45.04	25.88	44.96	25.90
2100	0.37	0.37	0.37	0.38	0.38	0.38	2100	43.16	37.81	43.14	37.82	43.17	37.80	43.92	25.44	43.96	25.44	43.98	25.45
2200	0.38	0.38	0.38	0.39	0.38	0.39	2200	42.15	37.54	42.23	37.55	42.27	37.58	44.07	25.01	44.11	25.00	44.10	25.00
2300	0.37	0.37	0.37	0.38	0.38	0.37	2300	41.71	37.00	41.73	37.00	41.52	36.96	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	36.44	41.33	36.44	41.46	36.38	42.21	24.34	42.23	24.34	42.20	24.35
2500	0.35	0.33	0.35	0.34	0.36	0.34	2500	40.93	36.14	40.93	36.14	40.82	36.17	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	35.64	40.15	35.63	40.16	35.60	41.43	23.78	41.49	23.78	41.45	23.81
2700	0.34	0.32	0.34	0.33	0.35	0.33	2700	39.99	35.28	40.00	35.29	39.85	35.30	41.15	23.17	41.16	23.16	41.07	23.19
2800	0.36	0.34	0.36	0.35	0.36	0.35	2800	39.34	34.88	39.32	34.90	39.22	34.92	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	RF4	RF COM		RF1	RF4	RF COM		RF1	RF4		RF1	RF4	RF1	RF4	RF1	RF4
	(RF1 ON)	(RF4 ON)	(RF1 ON)	(RF4 ON)	(RF1 ON)	(RF4 ON)	(RF1 ON)	(RF4 ON)	(RF1 ON)	(RF4 ON)	(RF1 ON)	(RF4 ON)		(RF2 ON)	(RF1 ON)	(RF2 ON)	(RF1 ON)	(RF2 ON)	(RF1 ON)
10	1.07	1.06	1.07	1.07	1.06	1.06	1.07	1.07	1.07	1.06	1.07	1.07	10	3.37	3.43	3.37	3.43	3.36	3.42
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	3.40	3.35	3.40	3.34	3.39
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	3.40	3.35	3.41	3.34	3.39
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	3.40	3.35	3.40	3.34	3.39
50	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.07	1.07	1.06	50	3.35	3.40	3.35	3.40	3.34	3.38
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	3.40	3.35	3.40	3.34	3.38
70	1.07	1.07	1.06	1.06	1.07	1.06	1.06	1.06	1.07	1.07	1.06	1.06	70	3.34	3.40	3.34	3.40	3.33	3.38
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	3.40	3.34	3.40	3.33	3.38
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	3.40	3.34	3.40	3.33	3.38
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	3.40	3.34	3.40	3.33	3.38
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	3.38	3.33	3.38	3.31	3.37
300	1.08	1.08	1.08	1.09	1.08	1.08	1.08	1.09	1.08	1.08	1.08	1.09	300	3.31	3.35	3.31	3.35	3.30	3.34
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	3.32	3.31	3.32	3.30	3.30
500	1.09	1.08	1.08	1.10	1.09	1.08	1.08	1.10	1.10	1.08	1.08	1.10	500	3.30	3.29	3.30	3.29	3.29	3.27
600	1.12	1.10	1.09	1.12	1.12	1.10	1.10	1.12	1.12	1.10	1.10	1.12	600	3.27	3.25	3.27	3.25	3.26	3.23
700	1.13	1.11	1.08	1.09	1.13	1.11	1.08	1.10	1.13	1.11	1.08	1.10	700	3.26	3.23	3.26	3.23	3.25	3.21
800	1.10	1.09	1.08	1.10	1.10	1.08	1.09	1.10	1.11	1.09	1.09	1.10	800	3.25	3.21	3.25	3.21	3.23	3.20
900	1.12	1.11	1.09	1.11	1.12	1.11	1.09	1.11	1.13	1.11	1.09	1.11	900	3.21	3.18	3.22	3.18	3.21	3.17
1000	1.12	1.10	1.06	1.07	1.12	1.10	1.06	1.07	1.12	1.10	1.06	1.08	1000	3.22	3.18	3.22	3.18	3.20	3.15
1100	1.09	1.06	1.06	1.08	1.09	1.06	1.06	1.08	1.09	1.06	1.06	1.08	1100	3.22	3.16	3.21	3.16	3.20	3.16
1200	1.12	1.09	1.07	1.08	1.12	1.09	1.07	1.08	1.12	1.09	1.07	1.08	1200	3.20	3.15	3.21	3.15	3.20	3.13
1300	1.13	1.11	1.03	1.03	1.13	1.11	1.03	1.03	1.13	1.11	1.03	1.03	1300	3.20	3.15	3.20	3.15	3.18	3.12
1400	1.08	1.07	1.04	1.07	1.08	1.07	1.04	1.07	1.08	1.07	1.04	1.06	1400	3.20	3.16	3.20	3.17	3.19	3.17
1500	1.10	1.08	1.03	1.04	1.10	1.09	1.03	1.04	1.10	1.08	1.03	1.04	1500	3.22	3.22	3.22	3.22	3.21	3.19
1600	1.15	1.15	1.04	1.06	1.15	1.15	1.03	1.06	1.15	1.15	1.03	1.05	1600	3.22	3.22	3.22	3.22	3.20	3.20
1700	1.12	1.14	1.08	1.13	1.12	1.14	1.08	1.13	1.13	1.14	1.09	1.12	1700	3.23	3.25	3.24	3.26	3.23	3.25
1800	1.10	1.12	1.05	1.10	1.10	1.12	1.05	1.10	1.10	1.12	1.05	1.10	1800	3.29	3.34	3.29	3.33	3.27	3.30
1900	1.17	1.21	1.09	1.14	1.17	1.21	1.09	1.14	1.17	1.21	1.09	1.14	1900	3.29	3.39	3.30	3.39	3.29	3.37
2000	1.18	1.22	1.15	1.19	1.18	1.21	1.15	1.19	1.18	1.22	1.15	1.20	2000	3.34	3.45	3.34	3.45	3.33	3.45
2100	1.10	1.14	1.10	1.14	1.10	1.14	1.10	1.14	1.09	1.14	1.10	1.15	2100	3.42	3.52	3.41	3.52	3.39	3.49
2200	1.16	1.21	1.10	1.16	1.16	1.21	1.11	1.16	1.16	1.21	1.11	1.15	2200	3.40	3.65	3.42	3.65	3.41	3.62
2300	1.16	1.21	1.15	1.18	1.16	1.20	1.16	1.18	1.16	1.20	1.16	1.18	2300	3.47	3.69	3.45	3.70	3.43	3.69
2400	1.05	1.08	1.12	1.10	1.06	1.09	1.12	1.10	1.05	1.09	1.11	1.10	2400	3.49	3.71	3.50	3.71	3.48	3.67
2500	1.06	1.12	1.07	1.06	1.06	1.12	1.07	1.06	1.06	1.12	1.07	1.05	2500	3.47	3.77	3.48	3.77	3.45	3.75
2600	1.07	1.09	1.12	1.07	1.07	1.09	1.12	1.07	1.07	1.09	1.12	1.08	2600	3.52	3.76	3.51	3.76	3.49	3.77
2700	1.08	1.06	1.15	1.09	1.08	1.06	1.14	1.09	1.08	1.06	1.14	1.09	2700	3.54	3.77	3.56	3.76	3.54	3.72
2800	1.11	1.15	1.11	1.10	1.11	1.15	1.11	1.11	1.11	1.15	1.12	1.11	2800	3.54	3.77	3.52	3.78	3.50	3.75



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IF/RF MICROWAVE COMPONENTS

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-RF4		RF COM-RF1	RF COM-RF4
10.1	55.53	56.36	10.0	-0.03	0.01
250.1	58.87	59.11	20.0	0.08	0.03
500.1	54.96	55.17	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-RF4				RF COM-RF1 (RF2 ON)			RF COM-RF4 (RF3 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	0.31	0.39	0.47	10	61.53	56.08	56.20	58.49	56.02	55.01	56.03	56.15	61.41	53.23	55.33	61.68
20	0.33	0.42	0.50	0.33	0.41	0.49	20	80.56	100.60	83.18	75.72	74.71	75.42	80.90	82.05	73.95	63.75	63.93	65.02
30	0.33	0.42	0.50	0.33	0.41	0.49	30	95.14	77.80	78.13	78.58	78.14	75.54	90.81	83.87	85.97	62.52	62.09	61.58
40	0.33	0.42	0.50	0.34	0.41	0.49	40	80.15	76.16	74.29	73.61	73.24	71.88	91.13	86.71	80.48	60.09	59.62	59.14
50	0.34	0.43	0.50	0.34	0.40	0.48	50	61.71	60.23	59.63	65.18	63.32	59.10	61.11	61.09	62.60	55.73	65.15	56.02
60	0.34	0.42	0.50	0.34	0.41	0.49	60	73.60	69.68	65.74	74.03	83.98	63.26	67.58	66.86	71.56	54.75	57.60	56.97
70	0.34	0.42	0.50	0.34	0.41	0.49	70	78.65	74.42	71.47	69.65	68.24	66.82	81.32	77.59	78.48	54.75	54.69	54.32
80	0.35	0.43	0.50	0.35	0.42	0.49	80	73.84	71.36	69.73	67.83	66.53	66.04	81.23	79.08	76.09	53.70	53.36	53.08
90	0.35	0.43	0.50	0.35	0.42	0.49	90	72.17	70.11	69.55	66.26	65.01	65.82	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	65.13	64.38	64.57	83.59	76.87	71.89	51.66	51.47	51.38
200	0.35	0.43	0.51	0.35	0.42	0.50	200	65.94	63.94	62.68	58.97	58.49	58.20	73.44	69.56	66.85	45.55	45.41	45.29
300	0.36	0.43	0.53	0.35	0.43	0.52	300	62.27	60.56	59.31	55.65	55.05	54.38	69.06	66.27	63.57	42.04	41.89	41.88
400	0.37	0.44	0.54	0.34	0.43	0.53	400	59.07	57.78	56.66	52.91	52.38	52.03	64.47	62.41	61.12	39.58	39.50	39.37
500	0.38	0.43	0.54	0.33	0.43	0.54	500	57.00	55.73	54.57	50.76	50.38	50.07	63.31	61.32	59.05	37.56	37.47	37.38
600	0.40	0.44	0.56	0.33	0.43	0.55	600	55.37	54.13	53.01	49.21	48.72	48.33	60.66	59.11	57.32	36.01	35.93	35.85
700	0.40	0.44	0.56	0.32	0.43	0.56	700	53.90	52.92	51.93	47.76	47.36	46.99	59.53	57.65	56.08	34.57	34.51	34.46
800	0.39	0.43	0.56	0.31	0.43	0.56	800	52.68	51.73	50.69	46.51	46.21	45.87	58.05	56.72	55.11	33.29	33.28	33.27
900	0.41	0.44	0.57	0.30	0.43	0.57	900	51.71	50.75	49.72	45.48	45.17	44.78	56.59	55.14	53.87	32.31	32.31	32.29
1000	0.39	0.43	0.58	0.29	0.43	0.57	1000	50.60	49.75	48.67	44.45	44.14	43.80	55.11	53.76	52.63	31.42	31.40	31.39
1100	0.37	0.42	0.57	0.28	0.42	0.57	1100	50.12	49.14	48.19	43.53	43.30	42.98	54.07	52.90	51.68	30.43	30.46	30.49
1200	0.37	0.43	0.58	0.28	0.42	0.57	1200	49.15	48.24	47.26	42.82	42.54	42.23	53.09	52.31	51.20	29.58	29.64	29.73
1300	0.37	0.42	0.59	0.27	0.42	0.58	1300	48.57	47.69	46.56	42.09	41.88	41.59	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	41.54	41.30	41.00	50.53	50.10	49.13	28.37	28.43	28.52
1500	0.33	0.41	0.58	0.25	0.41	0.58	1500	46.92	46.07	45.24	40.93	40.67	40.39	49.39	48.87	48.21	27.84	27.92	28.01
1600	0.34	0.42	0.60	0.25	0.41	0.59	1600	46.85	45.91	44.83	40.31	40.10	39.82	48.52	48.05	47.45	27.31	27.40	27.51
1700	0.33	0.40	0.59	0.24	0.41	0.59	1700	45.97	44.93	44.21	39.96	39.68	39.39	48.06	47.72	47.01	26.77	26.88	27.07
1800	0.32	0.40	0.58	0.22	0.40	0.58	1800	45.98	44.98	43.98	39.45	39.16	38.84	46.45	46.30	45.87	26.62	26.71	26.74
1900	0.35	0.40	0.60	0.23	0.41	0.60	1900	45.20	44.22	43.26	39.13	38.83	38.52	46.05	45.84	45.41	26.12	26.20	26.29
2000	0.34	0.40	0.59	0.23	0.40	0.59	2000	43.96	43.24	42.37	38.65	38.36	38.03	45.12	45.04	44.59	25.82	25.88	25.93
2100	0.30	0.37	0.57	0.20	0.38	0.57	2100	44.17	43.14	42.27	38.09	37.82	37.52	44.18	43.96	43.56	25.39	25.44	25.47
2200	0.32	0.38	0.59	0.20	0.39	0.59	2200	43.16	42.23	41.24	37.85	37.55	37.19	44.29	44.11	43.83	24.93	25.00	25.08
2300	0.30	0.37	0.58	0.19	0.38	0.58	2300	42.28	41.73	40.70	37.28	37.00	36.64	43.14	42.90	42.76	24.98	24.96	24.95
2400	0.24	0.35	0.57	0.16	0.34	0.55	2400	42.31	41.33	40.54	36.66	36.44	36.11	42.50	42.23	42.00	24.31	24.34	24.35
2500	0.23	0.35	0.57	0.15	0.34	0.56	2500	41.65	40.93	40.10	36.42	36.14	35.85	42.13	42.25	41.75	23.99	24.05	24.11
2600	0.22	0.35	0.57	0.13	0.33	0.56	2600	40.77	40.15	39.53	35.90	35.63	35.33	41.50	41.49	41.02	23.77	23.78	23.78
2700	0.19	0.34	0.58	0.12	0.33	0.56	2700	40.57	40.00	39.29	35.49	35.29	34.98	41.10	41.16	40.87	23.12	23.16	23.22
2800	0.20	0.36	0.61	0.13	0.35	0.59	2800	39.88	39.32	38.70	35.10	34.90	34.63	41.02	41.06	40.95	22.98	23.02	23.11



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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			RF4				RF1			RF4		
	(RF1 ON)			(RF4 ON)			(RF1 ON)			(RF4 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	1.06	1.07	1.08	10	4.31	3.37	2.67	4.39	3.43	2.71
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	4.35	3.40	2.69
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	4.35	3.41	2.69
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	4.35	3.40	2.69
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	4.34	3.40	2.69
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	4.34	3.40	2.69
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	4.33	3.40	2.69
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	4.33	3.40	2.69
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	4.32	3.40	2.69
100	1.05	1.07	1.09	1.05	1.07	1.09	1.04	1.06	1.08	1.04	1.06	1.08	100	4.24	3.34	2.67	4.32	3.40	2.70
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	4.29	3.38	2.69
300	1.06	1.08	1.10	1.06	1.08	1.10	1.06	1.08	1.10	1.07	1.09	1.11	300	4.23	3.31	2.63	4.28	3.35	2.65
400	1.08	1.10	1.12	1.08	1.09	1.11	1.05	1.07	1.09	1.07	1.09	1.10	400	4.23	3.31	2.63	4.25	3.32	2.62
500	1.08	1.09	1.11	1.07	1.08	1.10	1.07	1.08	1.10	1.08	1.10	1.12	500	4.22	3.30	2.61	4.20	3.29	2.59
600	1.10	1.12	1.14	1.09	1.10	1.12	1.08	1.10	1.12	1.10	1.12	1.14	600	4.20	3.27	2.58	4.19	3.25	2.55
700	1.11	1.13	1.14	1.09	1.11	1.12	1.06	1.08	1.09	1.08	1.10	1.11	700	4.21	3.26	2.56	4.18	3.23	2.53
800	1.09	1.10	1.12	1.07	1.08	1.10	1.07	1.09	1.10	1.08	1.10	1.12	800	4.19	3.25	2.56	4.13	3.21	2.53
900	1.10	1.12	1.14	1.09	1.11	1.12	1.08	1.09	1.11	1.09	1.11	1.13	900	4.16	3.22	2.53	4.14	3.18	2.49
1000	1.10	1.12	1.14	1.09	1.10	1.12	1.05	1.06	1.07	1.06	1.07	1.08	1000	4.19	3.22	2.51	4.13	3.18	2.48
1100	1.08	1.09	1.10	1.05	1.06	1.08	1.06	1.06	1.07	1.08	1.08	1.09	1100	4.18	3.21	2.53	4.07	3.16	2.48
1200	1.11	1.12	1.13	1.08	1.09	1.10	1.07	1.07	1.07	1.07	1.08	1.10	1200	4.17	3.21	2.53	4.09	3.15	2.47
1300	1.12	1.13	1.15	1.09	1.11	1.13	1.04	1.03	1.03	1.01	1.03	1.06	1300	4.17	3.20	2.51	4.09	3.15	2.47
1400	1.06	1.08	1.11	1.05	1.07	1.11	1.02	1.04	1.07	1.04	1.07	1.09	1400	4.17	3.20	2.52	4.09	3.17	2.52
1500	1.09	1.10	1.11	1.07	1.09	1.10	1.03	1.03	1.04	1.01	1.04	1.06	1500	4.19	3.22	2.56	4.15	3.22	2.56
1600	1.14	1.15	1.17	1.12	1.15	1.17	1.05	1.03	1.03	1.06	1.06	1.07	1600	4.19	3.22	2.55	4.14	3.22	2.56
1700	1.10	1.12	1.14	1.12	1.14	1.17	1.07	1.08	1.11	1.11	1.13	1.15	1700	4.22	3.24	2.56	4.17	3.26	2.59
1800	1.08	1.10	1.10	1.10	1.12	1.12	1.04	1.05	1.06	1.08	1.10	1.11	1800	4.24	3.29	2.62	4.30	3.33	2.66
1900	1.17	1.17	1.18	1.20	1.21	1.21	1.10	1.09	1.08	1.15	1.14	1.14	1900	4.27	3.30	2.62	4.37	3.39	2.72
2000	1.17	1.18	1.17	1.21	1.21	1.21	1.15	1.15	1.14	1.20	1.19	1.18	2000	4.34	3.34	2.65	4.42	3.45	2.74
2100	1.09	1.10	1.09	1.14	1.14	1.13	1.10	1.10	1.09	1.15	1.14	1.12	2100	4.40	3.41	2.71	4.55	3.52	2.80
2200	1.16	1.16	1.15	1.22	1.21	1.20	1.12	1.11	1.08	1.19	1.16	1.14	2200	4.42	3.42	2.70	4.69	3.65	2.89
2300	1.17	1.16	1.14	1.21	1.20	1.19	1.17	1.16	1.13	1.19	1.18	1.14	2300	4.51	3.45	2.74	4.73	3.70	2.92
2400	1.07	1.06	1.03	1.10	1.09	1.07	1.12	1.12	1.11	1.11	1.10	1.06	2400	4.54	3.50	2.76	4.82	3.71	2.95
2500	1.07	1.06	1.07	1.13	1.12	1.12	1.08	1.07	1.06	1.10	1.06	1.03	2500	4.53	3.48	2.74	4.93	3.77	2.93
2600	1.09	1.07	1.05	1.09	1.09	1.08	1.13	1.12	1.11	1.08	1.07	1.05	2600	4.62	3.51	2.76	4.93	3.76	2.90
2700	1.09	1.08	1.08	1.05	1.06	1.08	1.13	1.14	1.15	1.07	1.09	1.10	2700	4.67	3.56	2.76	4.96	3.76	2.95
2800	1.09	1.11	1.13	1.12	1.15	1.16	1.09	1.11	1.13	1.07	1.11	1.12	2800	4.63	3.52	2.73	4.96	3.78	2.90



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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-RF4				RF COM-RF1 (RF2 ON)			RF COM-RF4 (RF3 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	0.31	0.39	0.47	10	56.13	57.61	54.61	56.39	56.77	55.05	59.68	57.30	58.03	58.20	62.99	57.85
20	0.34	0.42	0.50	0.33	0.41	0.49	20	81.02	80.10	80.84	75.94	76.60	75.13	83.38	79.80	81.46	65.74	65.22	64.98
30	0.34	0.42	0.50	0.33	0.41	0.49	30	81.80	82.27	82.78	73.22	82.95	75.47	84.94	86.99	102.27	62.12	61.95	61.34
40	0.35	0.42	0.50	0.34	0.41	0.49	40	80.27	78.08	76.71	72.68	75.48	72.66	89.58	79.47	82.76	59.12	58.97	58.41
50	0.35	0.42	0.50	0.33	0.40	0.49	50	60.16	63.00	59.86	59.53	64.50	59.78	61.14	62.29	62.47	54.01	54.25	57.90
60	0.35	0.42	0.50	0.34	0.41	0.49	60	67.18	74.59	65.32	65.17	66.66	62.90	67.89	70.49	70.42	55.55	55.82	57.60
70	0.35	0.42	0.50	0.34	0.41	0.49	70	73.57	74.76	71.60	67.97	67.98	67.70	81.62	83.18	79.90	54.67	54.47	54.52
80	0.35	0.42	0.50	0.34	0.41	0.49	80	74.20	72.32	70.60	67.43	67.11	66.25	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	66.30	65.87	65.70	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	65.72	64.84	64.56	80.33	74.73	72.66	51.77	51.57	51.34
200	0.35	0.43	0.51	0.35	0.42	0.51	200	65.17	64.53	62.73	58.80	58.60	58.22	72.90	69.00	67.11	45.54	45.44	45.30
300	0.35	0.43	0.53	0.34	0.42	0.52	300	61.61	60.31	59.08	55.30	55.18	54.37	68.84	65.81	63.01	42.15	41.98	41.86
400	0.34	0.43	0.54	0.34	0.43	0.53	400	59.00	57.95	56.56	52.87	52.37	52.01	65.06	62.60	60.99	39.59	39.48	39.39
500	0.33	0.43	0.54	0.33	0.43	0.54	500	56.80	55.98	54.53	50.83	50.38	50.02	63.45	60.76	59.12	37.55	37.44	37.39
600	0.33	0.44	0.56	0.32	0.43	0.55	600	55.21	54.10	53.07	49.18	48.78	48.31	61.00	58.92	57.09	36.03	35.93	35.85
700	0.32	0.44	0.57	0.32	0.43	0.56	700	54.02	52.92	51.93	47.71	47.40	47.00	59.66	57.79	56.07	34.58	34.53	34.45
800	0.31	0.43	0.56	0.31	0.43	0.56	800	52.68	51.83	50.62	46.53	46.20	45.86	58.16	56.65	55.11	33.30	33.28	33.26
900	0.30	0.43	0.58	0.30	0.43	0.57	900	51.63	50.63	49.64	45.50	45.19	44.78	56.57	55.22	53.81	32.35	32.30	32.29
1000	0.29	0.43	0.58	0.29	0.42	0.58	1000	50.66	49.80	48.65	44.44	44.13	43.78	55.11	53.76	52.49	31.45	31.41	31.37
1100	0.28	0.42	0.57	0.28	0.42	0.57	1100	50.19	49.19	48.09	43.53	43.30	42.99	54.14	52.96	51.61	30.45	30.46	30.49
1200	0.28	0.42	0.58	0.27	0.42	0.57	1200	49.19	48.18	47.21	42.82	42.53	42.22	53.06	52.31	51.27	29.61	29.64	29.72
1300	0.27	0.42	0.59	0.26	0.42	0.58	1300	48.45	47.68	46.57	42.11	41.88	41.56	51.86	50.96	50.30	29.06	29.10	29.14
1400	0.25	0.41	0.58	0.25	0.40	0.58	1400	47.90	46.87	45.90	41.54	41.31	41.03	50.57	50.09	49.20	28.38	28.43	28.52
1500	0.25	0.41	0.58	0.24	0.40	0.58	1500	46.94	46.07	45.22	40.90	40.65	40.38	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	40.28	40.09	39.79	48.62	48.03	47.35	27.33	27.40	27.49
1700	0.23	0.40	0.59	0.23	0.40	0.59	1700	45.93	44.93	44.19	39.93	39.69	39.40	48.12	47.70	47.04	26.79	26.89	27.06
1800	0.22	0.40	0.58	0.22	0.39	0.58	1800	45.97	44.96	43.96	39.45	39.16	38.86	46.41	46.35	45.87	26.64	26.71	26.73
1900	0.22	0.40	0.60	0.23	0.41	0.60	1900	45.22	44.23	43.30	39.10	38.81	38.53	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	38.61	38.33	38.02	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	38.08	37.81	37.46	44.21	43.92	43.57	25.41	25.44	25.46
2200	0.19	0.38	0.59	0.20	0.38	0.59	2200	43.15	42.15	41.22	37.86	37.54	37.18	44.28	44.07	43.81	24.96	25.01	25.07
2300	0.18	0.37	0.58	0.18	0.37	0.58	2300	42.29	41.71	40.71	37.27	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	36.67	36.44	36.09	42.53	42.21	42.01	24.34	24.34	24.33
2500	0.15	0.35	0.57	0.14	0.33	0.56	2500	41.67	40.93	40.10	36.45	36.14	35.85	42.19	42.27	41.72	24.02	24.05	24.09
2600	0.14	0.34	0.57	0.13	0.33	0.56	2600	40.74	40.14	39.50	35.88	35.64	35.32	41.54	41.43	40.96	23.79	23.78	23.77
2700	0.13	0.34	0.58	0.12	0.32	0.56	2700	40.59	39.99	39.29	35.50	35.28	34.96	41.13	41.15	40.82	23.14	23.17	23.21
2800	0.14	0.36	0.61	0.13	0.34	0.59	2800	39.88	39.34	38.69	35.12	34.88	34.64	41.04	41.08	40.95	23.01	23.03	23.10



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IF/RF MICROWAVE COMPONENTS

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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			RF4				RF1			RF4		
	(RF1 ON)			(RF4 ON)			(RF1 ON)			(RF4 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	1.07	1.06	1.07	1.08	1.06	1.07	1.08	10	4.30	3.37	2.67	4.39	3.43	2.71
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	4.35	3.40	2.68
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	4.35	3.40	2.69
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	4.35	3.40	2.69
50	1.05	1.07	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	4.34	3.40	2.69
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	4.25	3.35	2.66	4.33	3.40	2.69
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	4.33	3.40	2.69
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	4.32	3.40	2.69
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	4.32	3.40	2.69
100	1.05	1.07	1.09	1.05	1.07	1.09	1.04	1.06	1.08	1.04	1.06	1.08	100	4.24	3.34	2.67	4.32	3.40	2.70
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	4.29	3.38	2.68
300	1.06	1.08	1.10	1.06	1.08	1.10	1.06	1.08	1.10	1.07	1.09	1.11	300	4.23	3.31	2.63	4.27	3.35	2.65
400	1.08	1.10	1.12	1.08	1.09	1.11	1.05	1.07	1.09	1.07	1.09	1.10	400	4.23	3.31	2.62	4.25	3.32	2.62
500	1.08	1.09	1.11	1.07	1.08	1.10	1.07	1.08	1.10	1.08	1.10	1.12	500	4.21	3.30	2.62	4.20	3.29	2.59
600	1.10	1.12	1.14	1.08	1.10	1.12	1.08	1.09	1.12	1.10	1.12	1.14	600	4.20	3.27	2.58	4.18	3.25	2.55
700	1.11	1.13	1.14	1.09	1.11	1.12	1.06	1.08	1.09	1.08	1.09	1.11	700	4.21	3.26	2.55	4.16	3.23	2.53
800	1.09	1.10	1.12	1.07	1.09	1.10	1.07	1.08	1.09	1.08	1.10	1.12	800	4.19	3.25	2.56	4.13	3.21	2.53
900	1.10	1.12	1.14	1.09	1.11	1.12	1.08	1.09	1.11	1.09	1.11	1.13	900	4.16	3.21	2.53	4.12	3.18	2.49
1000	1.10	1.12	1.14	1.09	1.10	1.12	1.05	1.06	1.07	1.07	1.07	1.08	1000	4.18	3.22	2.50	4.12	3.18	2.48
1100	1.08	1.09	1.10	1.05	1.06	1.08	1.06	1.06	1.07	1.07	1.08	1.09	1100	4.17	3.22	2.53	4.08	3.16	2.48
1200	1.11	1.12	1.13	1.08	1.09	1.10	1.07	1.07	1.08	1.07	1.08	1.10	1200	4.17	3.20	2.53	4.08	3.15	2.47
1300	1.12	1.13	1.15	1.09	1.11	1.13	1.04	1.03	1.03	1.02	1.03	1.05	1300	4.16	3.20	2.50	4.08	3.15	2.47
1400	1.06	1.08	1.11	1.05	1.07	1.11	1.02	1.04	1.06	1.04	1.07	1.09	1400	4.16	3.20	2.53	4.10	3.16	2.52
1500	1.09	1.10	1.11	1.07	1.08	1.10	1.02	1.03	1.04	1.02	1.04	1.06	1500	4.18	3.22	2.56	4.13	3.22	2.55
1600	1.14	1.15	1.17	1.12	1.15	1.17	1.05	1.04	1.04	1.05	1.06	1.07	1600	4.19	3.22	2.54	4.13	3.22	2.56
1700	1.10	1.12	1.14	1.12	1.14	1.16	1.07	1.08	1.10	1.11	1.13	1.14	1700	4.21	3.23	2.57	4.19	3.25	2.58
1800	1.08	1.10	1.10	1.10	1.12	1.12	1.04	1.05	1.06	1.09	1.10	1.11	1800	4.24	3.29	2.61	4.27	3.34	2.66
1900	1.17	1.17	1.18	1.19	1.21	1.21	1.10	1.09	1.08	1.15	1.14	1.14	1900	4.28	3.29	2.62	4.35	3.39	2.72
2000	1.17	1.18	1.17	1.22	1.22	1.21	1.15	1.15	1.14	1.20	1.19	1.18	2000	4.33	3.34	2.67	4.43	3.45	2.75
2100	1.09	1.10	1.09	1.15	1.14	1.13	1.10	1.10	1.09	1.15	1.14	1.12	2100	4.39	3.42	2.69	4.51	3.52	2.80
2200	1.16	1.16	1.15	1.22	1.21	1.21	1.12	1.10	1.09	1.18	1.16	1.14	2200	4.43	3.40	2.70	4.68	3.65	2.89
2300	1.17	1.16	1.14	1.22	1.21	1.19	1.17	1.15	1.13	1.20	1.18	1.15	2300	4.48	3.47	2.75	4.75	3.69	2.92
2400	1.07	1.05	1.03	1.10	1.08	1.07	1.12	1.12	1.11	1.12	1.10	1.06	2400	4.54	3.49	2.75	4.78	3.71	2.94
2500	1.07	1.06	1.07	1.13	1.12	1.12	1.08	1.07	1.06	1.10	1.06	1.02	2500	4.53	3.47	2.74	4.93	3.77	2.92
2600	1.09	1.07	1.05	1.10	1.09	1.08	1.13	1.12	1.10	1.08	1.07	1.05	2600	4.60	3.52	2.77	4.95	3.76	2.91
2700	1.09	1.08	1.08	1.05	1.06	1.08	1.13	1.15	1.16	1.07	1.09	1.10	2700	4.68	3.54	2.76	4.91	3.77	2.95
2800	1.09	1.11	1.13	1.12	1.15	1.16	1.10	1.11	1.13	1.08	1.10	1.12	2800	4.63	3.54	2.72	4.95	3.77	2.91



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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-RF4				RF COM-RF1 (RF2 ON)			RF COM-RF4 (RF3 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	0.31	0.39	0.47	10	59.38	62.30	56.45	60.46	59.81	58.97	59.03	59.29	60.49	56.35	57.12	58.10
20	0.34	0.42	0.50	0.33	0.41	0.49	20	76.70	74.87	79.21	72.38	75.34	73.52	81.67	75.45	75.54	65.35	64.81	64.41
30	0.34	0.42	0.50	0.33	0.41	0.49	30	83.82	82.69	85.31	78.68	74.30	76.12	81.92	87.69	88.74	62.29	61.48	61.27
40	0.35	0.42	0.50	0.34	0.41	0.49	40	81.43	82.00	76.66	74.48	73.46	73.03	86.56	83.98	84.89	59.39	59.44	59.15
50	0.35	0.42	0.50	0.33	0.41	0.48	50	59.90	62.71	62.82	64.87	58.85	62.11	62.29	61.07	61.75	53.94	53.80	64.81
60	0.35	0.42	0.50	0.34	0.41	0.49	60	67.21	68.23	69.41	68.73	63.52	63.77	70.88	66.49	67.51	55.56	55.39	57.26
70	0.35	0.42	0.50	0.34	0.41	0.49	70	74.25	73.78	72.46	69.65	67.79	67.57	85.70	79.29	75.69	54.58	54.26	54.41
80	0.35	0.42	0.50	0.34	0.41	0.49	80	73.67	72.65	72.26	67.53	66.53	66.46	80.44	81.20	76.38	53.46	53.28	53.12
90	0.36	0.43	0.50	0.35	0.42	0.49	90	73.08	71.48	69.75	66.06	65.83	65.79	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	65.06	65.13	64.18	78.60	76.53	72.59	51.77	51.57	51.29
200	0.35	0.43	0.51	0.35	0.42	0.50	200	65.29	64.22	63.06	59.04	58.40	58.16	72.08	70.05	67.34	45.57	45.44	45.31
300	0.35	0.43	0.53	0.34	0.42	0.52	300	61.70	60.07	59.25	55.68	54.91	54.68	67.94	66.43	63.38	42.13	42.03	41.78
400	0.34	0.44	0.54	0.34	0.43	0.53	400	58.84	57.92	56.70	52.83	52.56	52.05	65.52	62.75	60.94	39.59	39.48	39.38
500	0.33	0.43	0.54	0.33	0.43	0.54	500	56.78	55.78	54.71	50.68	50.44	49.97	63.11	61.13	58.98	37.54	37.47	37.38
600	0.33	0.44	0.56	0.32	0.43	0.55	600	55.33	54.20	53.11	49.17	48.79	48.39	60.84	58.93	57.15	36.02	35.94	35.81
700	0.32	0.44	0.57	0.32	0.43	0.56	700	53.98	53.01	51.93	47.71	47.34	47.02	59.57	57.74	56.14	34.57	34.52	34.44
800	0.31	0.43	0.56	0.31	0.43	0.56	800	52.66	51.65	50.68	46.57	46.20	45.88	58.18	56.62	55.06	33.30	33.29	33.24
900	0.30	0.44	0.57	0.30	0.43	0.57	900	51.68	50.72	49.67	45.47	45.23	44.77	56.61	55.11	53.70	32.33	32.30	32.26
1000	0.29	0.43	0.58	0.29	0.43	0.57	1000	50.63	49.67	48.73	44.42	44.16	43.76	55.05	53.76	52.39	31.43	31.41	31.35
1100	0.28	0.42	0.57	0.28	0.42	0.57	1100	50.21	49.09	48.16	43.54	43.29	42.99	54.07	52.87	51.65	30.43	30.47	30.47
1200	0.28	0.43	0.58	0.27	0.42	0.57	1200	49.23	48.21	47.22	42.83	42.56	42.22	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	42.10	41.85	41.57	51.70	51.12	50.25	29.05	29.10	29.12
1400	0.25	0.41	0.58	0.25	0.41	0.57	1400	47.91	46.91	45.90	41.54	41.31	41.02	50.54	50.00	49.16	28.37	28.44	28.50
1500	0.25	0.41	0.58	0.25	0.41	0.57	1500	46.91	46.09	45.21	40.93	40.66	40.37	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	40.32	40.10	39.80	48.60	48.03	47.36	27.31	27.41	27.48
1700	0.23	0.41	0.59	0.24	0.41	0.59	1700	45.95	45.11	44.21	39.93	39.68	39.40	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	39.45	39.15	38.86	46.40	46.26	45.79	26.63	26.71	26.71
1900	0.23	0.41	0.60	0.23	0.41	0.60	1900	45.27	44.17	43.29	39.11	38.84	38.53	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	38.63	38.33	38.01	45.27	44.96	44.50	25.82	25.90	25.91
2100	0.19	0.38	0.57	0.20	0.38	0.57	2100	44.18	43.17	42.28	38.09	37.80	37.49	44.23	43.98	43.53	25.40	25.45	25.44
2200	0.19	0.38	0.58	0.20	0.39	0.58	2200	43.17	42.27	41.26	37.87	37.58	37.19	44.31	44.10	43.80	24.94	25.00	25.05
2300	0.18	0.38	0.58	0.19	0.37	0.57	2300	42.30	41.52	40.72	37.27	36.96	36.63	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	36.64	36.38	36.11	42.50	42.20	41.94	24.32	24.35	24.32
2500	0.15	0.36	0.57	0.15	0.34	0.56	2500	41.62	40.82	40.11	36.44	36.17	35.86	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	35.88	35.60	35.34	41.55	41.45	41.03	23.78	23.81	23.76
2700	0.13	0.35	0.58	0.12	0.33	0.56	2700	40.55	39.85	39.33	35.52	35.30	34.96	41.14	41.07	40.81	23.14	23.19	23.20
2800	0.14	0.36	0.61	0.13	0.35	0.59	2800	39.85	39.22	38.67	35.10	34.92	34.64	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			RF4				RF1			RF4		
	(RF1 ON)			(RF4 ON)			(RF1 ON)			(RF4 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	1.07	1.06	1.07	1.08	1.06	1.07	1.08	10	4.31	3.36	2.67	4.39	3.42	2.71
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	4.35	3.39	2.69
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	4.35	3.39	2.69
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	4.35	3.39	2.69
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	4.34	3.38	2.69
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	3.34	2.66	4.33	3.38	2.69
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	4.33	3.38	2.69
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	4.32	3.38	2.69
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	4.32	3.38	2.70
100	1.05	1.07	1.09	1.05	1.07	1.09	1.04	1.06	1.08	1.04	1.06	1.08	100	4.24	3.33	2.67	4.33	3.38	2.70
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	4.29	3.37	2.69
300	1.06	1.08	1.10	1.06	1.08	1.10	1.06	1.08	1.10	1.07	1.09	1.11	300	4.23	3.30	2.63	4.28	3.34	2.65
400	1.08	1.10	1.12	1.08	1.09	1.11	1.05	1.07	1.09	1.07	1.09	1.10	400	4.24	3.30	2.62	4.25	3.30	2.62
500	1.08	1.10	1.11	1.06	1.08	1.10	1.07	1.08	1.10	1.08	1.10	1.12	500	4.22	3.29	2.62	4.20	3.27	2.59
600	1.10	1.12	1.14	1.09	1.10	1.12	1.08	1.10	1.12	1.09	1.12	1.14	600	4.20	3.26	2.58	4.19	3.23	2.55
700	1.11	1.13	1.14	1.09	1.11	1.12	1.06	1.08	1.09	1.08	1.10	1.11	700	4.21	3.25	2.55	4.17	3.21	2.53
800	1.09	1.11	1.12	1.07	1.09	1.10	1.07	1.09	1.09	1.08	1.10	1.12	800	4.19	3.23	2.56	4.14	3.20	2.53
900	1.10	1.13	1.14	1.09	1.11	1.12	1.08	1.09	1.11	1.09	1.11	1.13	900	4.16	3.21	2.53	4.14	3.17	2.49
1000	1.10	1.12	1.14	1.09	1.10	1.12	1.05	1.06	1.07	1.07	1.08	1.08	1000	4.19	3.20	2.51	4.12	3.15	2.48
1100	1.08	1.09	1.10	1.05	1.06	1.08	1.06	1.06	1.07	1.07	1.08	1.09	1100	4.18	3.20	2.53	4.09	3.16	2.49
1200	1.11	1.12	1.13	1.09	1.09	1.10	1.07	1.07	1.08	1.07	1.08	1.10	1200	4.17	3.20	2.53	4.09	3.13	2.48
1300	1.12	1.13	1.15	1.09	1.11	1.13	1.04	1.03	1.03	1.02	1.03	1.05	1300	4.17	3.18	2.51	4.09	3.12	2.47
1400	1.06	1.08	1.11	1.05	1.07	1.11	1.02	1.04	1.06	1.04	1.06	1.09	1400	4.16	3.19	2.53	4.10	3.17	2.52
1500	1.09	1.10	1.11	1.07	1.08	1.10	1.03	1.03	1.04	1.02	1.04	1.06	1500	4.18	3.21	2.56	4.14	3.19	2.56
1600	1.14	1.15	1.17	1.12	1.15	1.17	1.05	1.03	1.04	1.05	1.05	1.07	1600	4.20	3.20	2.54	4.14	3.20	2.56
1700	1.10	1.13	1.14	1.12	1.14	1.17	1.07	1.09	1.10	1.11	1.12	1.14	1700	4.21	3.23	2.57	4.19	3.25	2.58
1800	1.08	1.10	1.10	1.10	1.12	1.12	1.04	1.05	1.06	1.09	1.10	1.10	1800	4.24	3.27	2.61	4.28	3.30	2.66
1900	1.17	1.17	1.18	1.20	1.21	1.21	1.10	1.09	1.08	1.15	1.14	1.14	1900	4.28	3.29	2.62	4.35	3.37	2.72
2000	1.17	1.18	1.17	1.21	1.22	1.21	1.15	1.15	1.14	1.20	1.20	1.18	2000	4.34	3.33	2.66	4.43	3.45	2.75
2100	1.09	1.09	1.09	1.15	1.14	1.13	1.10	1.10	1.09	1.15	1.15	1.12	2100	4.40	3.39	2.70	4.53	3.49	2.81
2200	1.16	1.16	1.15	1.22	1.21	1.21	1.12	1.11	1.08	1.18	1.15	1.14	2200	4.42	3.41	2.69	4.69	3.62	2.89
2300	1.17	1.16	1.14	1.21	1.20	1.19	1.17	1.16	1.14	1.20	1.18	1.15	2300	4.50	3.43	2.75	4.77	3.69	2.91
2400	1.07	1.05	1.03	1.10	1.09	1.07	1.12	1.11	1.11	1.11	1.10	1.06	2400	4.54	3.48	2.75	4.79	3.67	2.94
2500	1.07	1.06	1.07	1.13	1.12	1.12	1.08	1.07	1.06	1.10	1.05	1.03	2500	4.53	3.45	2.74	4.92	3.75	2.92
2600	1.09	1.07	1.05	1.09	1.09	1.08	1.13	1.12	1.10	1.08	1.08	1.05	2600	4.61	3.49	2.77	4.98	3.77	2.91
2700	1.09	1.08	1.08	1.05	1.06	1.08	1.13	1.14	1.15	1.07	1.09	1.09	2700	4.67	3.54	2.76	4.91	3.72	2.96
2800	1.09	1.11	1.13	1.12	1.15	1.16	1.09	1.12	1.13	1.08	1.11	1.11	2800	4.63	3.50	2.72	4.96	3.75	2.91



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