

Typical Performance Data

RF (MHz)	LO (MHz)	CONVERSION LOSS (dB)			LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
		@LO (dBm)				@LO (dBm)			@LO (dBm)		
		+14	+17	+20		+14	+17	+20	+14	+17	+20
1.0	31.00	7.65	7.23	7.05	31.0	64.00	67.00	70.00	64.00	67.00	70.00
2.0	32.00	6.99	6.50	6.38	32.0	64.00	67.00	70.00	64.00	67.00	70.00
5.0	35.00	6.14	5.80	5.68	35.0	64.00	67.00	70.00	64.00	67.00	70.00
10.0	40.00	6.01	5.62	5.47	40.0	64.00	67.00	70.00	64.00	67.00	70.00
20.0	50.00	6.10	5.68	5.51	50.0	64.00	67.00	70.00	64.00	67.00	70.00
50.0	80.00	5.94	5.58	5.44	80.0	64.00	61.90	60.30	64.00	63.70	61.50
100.0	70.00	5.88	5.53	5.39	70.0	56.00	54.30	53.20	56.00	54.80	53.00
167.3	137.30	5.89	5.57	5.44	137.3	50.10	48.70	48.10	48.80	47.60	47.00
233.9	203.90	6.02	5.72	5.54	203.9	46.10	45.10	44.90	43.80	43.00	43.10
300.4	270.40	5.74	5.45	5.37	270.4	43.10	42.60	42.60	40.30	40.00	40.20
366.9	336.90	6.01	5.73	5.58	336.9	40.80	40.50	40.60	37.70	37.60	38.20
466.7	436.70	6.15	5.82	5.66	436.7	38.40	38.30	38.70	33.80	34.30	35.40
500.0	470.00	6.05	5.72	5.56	470.0	39.00	38.80	39.10	33.80	34.10	34.90
599.8	569.80	6.34	6.02	5.78	569.8	38.50	37.40	36.90	32.70	32.80	32.90
666.3	636.30	6.54	6.11	5.88	636.3	38.50	37.90	37.40	31.60	31.60	31.50
799.4	769.40	7.07	6.27	5.92	769.4	36.00	36.10	36.20	29.90	29.70	29.70
832.7	802.70	7.29	6.46	6.03	802.7	35.30	35.20	35.40	28.80	28.80	28.40
899.2	869.20	7.77	7.00	6.39	869.2	34.10	33.80	33.80	26.60	26.10	25.90
932.5	902.50	8.11	7.37	6.84	902.5	33.70	33.20	33.10	25.90	25.00	24.50
1000.0	969.00	8.20	7.63	7.18	969.0	33.30	32.50	32.10	24.80	23.60	22.60

Typical Performance Data

RF/LO (MHz)	RF VSWR (:1)			LO VSWR (:1)			IF (MHz)	IF VSWR (:1)			LO/RF (MHz)	max. DC output (mV)	DC Offset (mV)
	@ LO (dBm)			@ LO (dBm)				@ LO (dBm)			@ LO (dBm)		
	+14	+17	+20	+14	+17	+20		+14	+17	+20	+17		
5.0	1.26	1.30	1.34	1.77	2.70	4.33	5.0	1.43	1.24	1.09	1.0	-230.10	0.09
10.0	1.12	1.15	1.20	1.71	2.63	3.91	10.0	1.44	1.25	1.10	2.0	-234.90	0.09
20.0	1.04	1.07	1.15	1.76	2.77	3.95	20.0	1.43	1.25	1.10	5.0	-240.20	0.08
50.0	1.02	1.06	1.15	1.69	2.55	3.74	50.0	1.44	1.25	1.11	20.0	-240.20	0.09
100.0	1.06	1.07	1.14	1.63	2.41	3.37	100.0	1.45	1.27	1.13	50.0	-236.50	0.09
155.8	1.09	1.09	1.14	1.61	2.37	3.24	155.8	1.49	1.31	1.18	100.0	-238.60	0.08
200.0	1.12	1.11	1.14	1.54	2.29	3.18	200.0	1.54	1.36	1.23	162.0	-242.90	0.06
306.5	1.18	1.16	1.16	1.53	2.20	2.95	306.5	1.66	1.48	1.35	200.0	-243.40	0.02
366.8	1.21	1.18	1.17	1.52	2.16	2.89	366.8	1.75	1.57	1.44	290.8	-246.80	0.11
427.1	1.23	1.20	1.18	1.52	2.13	2.83	427.1	1.84	1.66	1.53	322.9	-237.60	0.11
500.0	1.26	1.22	1.21	1.55	2.06	2.74	500.0	1.97	1.77	1.66	387.3	-224.00	0.01
547.7	1.28	1.23	1.22	1.53	2.13	2.70	547.7	2.04	1.88	1.78	451.7	-223.30	0.22
608.0	1.30	1.26	1.24	1.50	2.09	2.65	608.0	2.02	1.87	1.77	500.0	-229.60	0.23
668.3	1.34	1.29	1.27	1.51	2.09	2.65	668.3	2.07	1.90	1.81	580.5	-229.00	0.37
728.7	1.38	1.34	1.32	1.56	2.04	2.69	728.7	2.08	1.91	1.83	644.9	-207.40	0.48
789.0	1.44	1.40	1.38	1.61	2.13	2.69	789.0	2.07	1.91	1.82	709.3	-196.50	1.06
849.3	1.51	1.47	1.46	1.63	2.19	2.70	849.3	2.02	1.86	1.77	773.7	-138.50	0.83
909.6	1.58	1.55	1.54	1.67	2.24	2.78	909.6	1.93	1.77	1.68	838.0	-187.30	0.49
969.9	1.60	1.66	1.66	1.74	2.28	2.85	969.9	1.81	1.66	1.57	902.4	-173.90	0.72
1000.0	1.75	1.72	1.72	1.77	2.30	2.89	1000.0	1.74	1.60	1.51	1000.0	-178.50	0.64