

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)		
		+4	+7	+10		+4	+7	+10	+4	+7	+10
0.3	30.3	9.13	7.54	8.43	30.3	66.5	69.6	73.1	49.9	49.1	48.4
0.5	30.5	7.58	6.21	6.98	30.5	66.5	68.8	73.0	49.9	48.9	48.4
0.8	30.8	6.96	5.88	6.46	30.8	66.0	69.4	72.6	49.9	49.0	48.3
1.0	31.0	6.75	5.57	6.35	31.0	65.4	69.6	73.2	49.7	48.9	48.3
5.0	35.0	5.77	4.59	5.37	35.0	66.5	69.8	72.8	48.7	47.6	47.0
10.0	40.0	5.58	4.73	5.18	40.0	65.5	68.4	71.9	48.0	46.9	46.3
90.0	120.0	5.52	4.49	5.12	120.0	65.5	69.1	65.2	39.1	38.0	37.5
95.7	125.7	5.51	5.09	5.21	125.7	64.1	69.3	64.6	39.0	37.9	37.2
191.3	221.3	5.71	4.67	5.31	221.3	68.4	60.7	55.2	34.4	33.5	33.0
287.0	317.0	5.80	4.85	5.50	317.0	57.8	53.5	50.2	31.1	30.2	29.4
345.0	375.0	6.00	5.05	5.70	375.0	56.5	52.9	50.0	30.3	29.7	29.0
382.6	412.6	6.12	5.18	5.82	412.6	52.3	50.6	48.9	28.2	28.0	27.5
478.2	508.2	6.70	5.40	5.90	508.2	47.7	48.9	50.0	24.6	23.8	23.8
573.8	603.8	7.34	5.94	6.14	603.8	48.2	50.0	51.2	27.6	25.6	24.0
669.4	699.4	7.49	5.93	6.29	699.4	45.3	47.0	49.6	27.9	29.0	28.3
750.0	720.0	8.09	7.37	7.19	720.0	45.3	46.8	48.0	27.3	28.3	28.4
765.1	735.1	8.29	7.55	7.39	735.1	45.4	46.7	47.1	27.1	28.0	28.3
780.0	750.0	8.43	7.59	7.53	750.0	45.2	46.2	46.2	26.9	27.7	28.0
860.7	830.7	9.36	8.18	8.46	830.7	45.3	46.9	44.7	28.1	28.6	28.6
956.3	926.3	10.15	9.21	9.35	926.3	46.6	50.4	52.1	35.6	33.9	32.9

Frequency Mixer

SRA-ED6914/1

Typical Performance Data

RF/LO (MHz)	RF VSWR (:1)			LO VSWR (:1)			IF (MHz)	IF VSWR (:1)		
	@LO (dBm)			@LO (dBm)				@LO (dBm)		
	+4	+7	+10	+4	+7	+10		+4	+7	+10
30.3	1.87	2.72	3.86	4.64	4.53	4.42	10.0	1.84	1.56	1.32
30.5	1.87	2.68	3.86	2.43	2.40	2.37	30.0	1.81	1.55	1.32
30.8	1.85	2.65	3.86	1.91	1.88	1.88	50.1	1.81	1.55	1.32
31.0	1.85	2.65	3.86	1.76	1.75	1.75	100.0	1.81	1.57	1.36
35.0	1.91	2.68	3.79	1.24	1.20	1.19	150.1	1.82	1.59	1.41
40.0	1.87	2.68	3.86	1.18	1.12	1.09	200.1	1.84	1.62	1.46
120.0	1.91	2.68	3.71	1.04	1.04	1.09	250.1	1.88	1.67	1.51
125.7	1.87	2.76	3.86	1.04	1.04	1.09	300.1	1.91	1.70	1.55
221.3	1.99	2.88	4.12	1.03	1.08	1.13	350.0	1.92	1.71	1.55
317.0	2.27	3.16	4.32	1.10	1.17	1.23	400.1	1.92	1.70	1.54
375.0	2.23	3.01	3.95	1.13	1.19	1.25	450.1	1.89	1.67	1.49
412.6	2.49	3.44	4.64	1.15	1.20	1.25	500.0	1.85	1.62	1.43
508.2	2.84	3.86	5.17	1.08	1.05	1.08	550.0	1.77	1.54	1.34
603.8	3.21	4.32	5.66	1.82	1.76	1.71	600.0	1.67	1.45	1.26
699.4	3.44	4.32	5.49	2.80	2.72	2.61	650.0	1.54	1.35	1.15
720.0	3.26	4.03	5.03	3.71	3.64	3.50	700.0	1.42	1.24	1.10
735.1	3.16	4.03	4.89	3.71	3.64	3.57	749.0	1.20	1.04	1.14
750.0	3.32	4.12	5.17	3.86	3.79	3.64	800.0	1.32	1.30	1.36
830.7	3.79	4.32	5.49	4.22	4.03	4.03	850.0	1.41	1.46	1.59
926.3	4.77	5.66	6.26	5.17	5.03	4.77	900.0	1.58	1.69	1.87