

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
5.0	35.0	6.20	5.80	5.70	35.0	63.3	60.8	59.1	54.2	52.3	51.4
10.0	40.0	6.14	5.74	5.54	40.0	62.5	59.8	58.3	53.4	51.7	50.8
50.0	80.0	6.19	5.79	5.59	80.0	58.1	55.2	54.0	48.9	46.6	45.2
73.6	103.6	6.16	5.76	5.66	103.6	56.8	53.8	52.5	47.2	45.1	43.9
147.1	177.1	6.25	5.85	5.65	177.1	54.1	50.5	48.9	44.7	42.0	40.5
220.6	250.6	6.15	5.85	5.65	250.6	49.7	47.2	46.2	42.5	40.0	38.6
294.1	324.1	6.03	5.73	5.63	324.1	46.3	44.6	44.0	39.6	37.8	36.9
367.6	397.6	6.11	5.81	5.71	397.6	43.6	42.9	42.5	36.4	35.3	34.9
441.1	471.1	6.14	5.84	5.74	471.1	41.2	40.7	40.8	33.8	33.5	33.1
500.0	530.0	6.11	5.91	5.81	530.0	40.6	40.2	39.9	31.7	31.7	31.7
514.6	544.6	6.16	5.96	5.86	544.6	40.3	39.9	39.9	31.2	31.0	31.0
588.1	618.1	6.46	6.26	6.06	618.1	38.8	39.1	39.3	29.3	29.2	29.0
661.6	691.6	6.79	6.39	6.19	691.6	37.8	38.4	38.9	27.6	28.0	28.1
735.1	765.1	7.13	6.53	6.23	765.1	36.9	37.9	38.6	26.5	27.5	28.0
770.0	800.0	7.22	6.52	6.22	800.0	36.5	37.7	38.5	25.9	27.0	27.8
808.5	838.5	7.47	6.57	6.27	838.5	36.7	37.9	38.8	25.6	26.4	27.2
882.0	912.0	7.59	6.89	6.39	912.0	37.0	38.0	38.9	25.2	25.6	26.2
955.5	985.5	8.02	7.32	6.72	985.5	37.8	38.3	38.9	24.6	25.4	26.0
970.0	1000.0	8.20	7.40	6.80	1000.0	37.9	38.5	39.1	24.5	25.3	26.0
1000.0	1030.0	8.44	7.74	7.14	1030.0	38.3	38.9	39.3	24.4	25.4	26.2

Frequency Mixer

SRA-ED7400/1

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
35.0	1.17	1.14	1.15	1.73	2.55	3.57	1.0	2.46	1.91	1.56
35.0	1.17	1.14	1.15	1.73	2.55	3.57	5.0	2.32	1.84	1.51
40.0	1.12	1.06	1.08	1.71	2.55	3.50	10.0	2.32	1.84	1.51
40.0	1.12	1.06	1.08	1.71	2.55	3.50	30.0	2.27	1.81	1.48
80.0	1.09	1.08	1.12	1.71	2.55	3.57	51.1	2.32	1.85	1.54
80.0	1.09	1.08	1.12	1.71	2.55	3.57	100.0	2.40	1.96	1.62
103.6	1.10	1.11	1.16	1.78	2.52	3.57	102.1	2.40	1.96	1.62
103.6	1.10	1.11	1.16	1.78	2.52	3.57	153.1	2.46	2.08	1.76
177.1	1.15	1.16	1.21	1.77	2.61	3.71	204.1	2.52	2.25	1.96
177.1	1.15	1.16	1.21	1.77	2.61	3.71	255.1	2.58	2.32	2.08
250.6	1.24	1.26	1.29	1.81	2.65	3.79	306.1	2.68	2.46	2.25
250.6	1.24	1.26	1.29	1.81	2.65	3.79	357.1	2.84	2.58	2.40
324.1	1.27	1.30	1.33	1.88	2.72	3.64	408.1	2.96	2.72	2.52
324.1	1.27	1.30	1.33	1.88	2.72	3.64	459.1	3.11	2.84	2.61
397.6	1.31	1.30	1.32	1.94	2.68	3.50	500.0	3.16	2.84	2.65
397.6	1.31	1.30	1.32	1.94	2.68	3.50	510.1	3.06	2.84	2.65
471.1	1.36	1.36	1.39	2.01	2.76	3.44	561.0	3.11	2.84	2.61
471.1	1.36	1.36	1.39	2.01	2.76	3.44	612.0	3.11	2.80	2.61
530.0	1.30	1.33	1.37	2.14	2.92	3.71	663.0	3.01	2.76	2.55
530.0	1.30	1.33	1.37	2.14	2.92	3.71	714.0	2.84	2.55	2.37
544.6	1.28	1.31	1.34	2.14	2.80	3.64				
544.6	1.28	1.31	1.34	2.14	2.80	3.64				
618.1	1.21	1.18	1.18	2.30	2.96	3.79				
618.1	1.21	1.18	1.18	2.30	2.96	3.79				
691.6	1.32	1.26	1.23	2.37	2.96	3.64				
691.6	1.32	1.26	1.23	2.37	2.96	3.64				
765.1	1.46	1.39	1.35	2.35	2.84	3.38				
765.1	1.46	1.39	1.35	2.35	2.84	3.38				
800.0	1.59	1.50	1.45	2.52	2.96	3.50				
800.0	1.59	1.50	1.45	2.52	2.96	3.50				
838.5	1.68	1.59	1.55	2.46	2.84	3.26				
838.5	1.68	1.59	1.55	2.46	2.84	3.26				
912.0	1.89	1.80	1.76	2.61	3.01	3.50				
912.0	1.89	1.80	1.76	2.61	3.01	3.50				
985.5	2.25	2.14	2.06	2.92	3.21	3.86				
985.5	2.25	2.14	2.06	2.92	3.21	3.86				
1000.0	2.35	2.25	2.16	2.84	3.16	3.71				
1000.0	2.35	2.25	2.16	2.84	3.16	3.71				
1030.0	2.61	2.52	2.40	2.84	3.21	3.71				
1030.0	2.61	2.52	2.40	2.84	3.21	3.71				