

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)		
		+7	+10	+13		+7	+10	+13	+7	+10	+13
70.0	100.0	6.73	6.13	5.93	100.0	20.4	23.2	25.8	44.0	48.2	51.2
140.0	170.0	6.29	5.79	5.49	170.0	23.9	26.5	29.0	45.4	49.3	49.6
270.0	300.0	6.46	5.96	5.56	300.0	27.8	29.8	31.7	51.1	49.7	45.6
400.0	430.0	6.62	5.92	5.52	430.0	30.8	31.7	32.7	58.2	47.7	42.5
530.0	560.0	6.66	5.86	5.56	560.0	35.2	34.5	34.4	46.5	53.1	43.3
660.0	690.0	6.57	5.97	5.67	690.0	41.9	40.1	39.1	44.3	59.6	47.3
750.0	780.0	6.65	6.05	5.75	780.0	42.7	42.7	42.2	44.0	53.5	48.9
790.0	820.0	6.67	6.17	5.87	820.0	42.4	43.1	43.0	42.7	50.0	50.4
920.0	950.0	6.72	6.12	5.82	950.0	42.2	42.8	43.1	38.3	41.6	44.5
1000.0	1030.0	6.40	5.80	5.60	1030.0	42.1	42.9	42.9	37.1	40.2	42.5
1050.0	1080.0	6.21	5.71	5.51	1080.0	42.9	43.4	43.3	36.0	39.0	41.1
1170.0	1200.0	6.23	5.73	5.53	1200.0	43.1	43.1	42.7	32.7	35.4	37.1
1180.0	1210.0	6.31	5.81	5.61	1210.0	43.1	43.0	42.7	32.5	34.9	36.9
1310.0	1340.0	6.80	6.10	5.90	1340.0	45.0	44.6	44.2	31.3	32.9	34.5
1440.0	1470.0	7.09	6.39	5.99	1470.0	47.5	47.2	45.6	30.9	32.3	33.8
1570.0	1600.0	7.86	6.96	6.56	1600.0	44.2	44.1	43.0	31.3	32.0	33.4
1700.0	1730.0	8.04	7.14	6.64	1730.0	42.2	42.6	42.9	31.4	32.2	33.6
1830.0	1860.0	7.90	7.10	6.70	1860.0	40.2	41.1	41.6	30.5	31.7	33.3
1960.0	1990.0	7.87	7.07	6.67	1990.0	40.0	41.2	41.5	29.8	30.9	32.4
2090.0	2120.0	7.65	6.95	6.65	2120.0	39.4	41.7	42.5	28.8	30.0	31.4

Frequency Mixer

SYM-ED6395/1

Typical Performance Data

RF/LO (MHz)	RF VSWR (:1)			LO VSWR (:1)			IF (MHz)	IF VSWR (:1)		
	@LO (dBm)			@LO (dBm)				@LO (dBm)		
	+7	+10	+13	+7	+10	+13		+7	+10	+13
100.0	2.46	2.23	2.16	1.51	1.68	2.27	0.1	1.74	1.62	1.57
170.0	1.84	1.68	1.60	1.21	1.53	2.25	0.3	1.82	1.63	1.49
300.0	1.68	1.51	1.38	1.04	1.46	2.08	0.5	1.88	1.65	1.51
430.0	1.88	1.66	1.51	1.15	1.41	2.01	0.8	1.91	1.68	1.52
560.0	2.20	1.89	1.76	1.31	1.32	1.81	1.0	1.96	1.73	1.54
690.0	2.27	2.03	1.92	1.53	1.30	1.71	5.0	1.94	1.70	1.54
780.0	2.35	2.18	2.06	1.69	1.30	1.65	10.0	1.94	1.71	1.53
820.0	2.35	2.18	2.08	1.76	1.30	1.54	30.0	1.89	1.66	1.49
950.0	2.68	2.43	2.30	2.10	1.32	1.44	50.0	1.89	1.67	1.50
1030.0	2.58	2.32	2.20	2.20	1.31	1.34	120.1	1.82	1.60	1.44
1080.0	2.49	2.20	2.06	2.18	1.29	1.25	240.1	1.68	1.46	1.30
1200.0	2.43	2.04	1.89	2.30	1.28	1.15	360.1	1.59	1.37	1.20
1210.0	2.37	2.03	1.85	2.30	1.32	1.16	480.1	1.54	1.32	1.15
1340.0	2.49	2.12	1.94	2.10	1.28	1.18	600.1	1.39	1.19	1.04
1470.0	2.49	2.14	1.97	2.04	1.32	1.28	720.1	1.21	1.10	1.14
1600.0	2.68	2.37	2.20	2.12	1.47	1.46	840.1	1.16	1.22	1.35
1730.0	2.88	2.55	2.40	2.14	1.61	1.64	880.0	1.18	1.27	1.41
1860.0	3.06	2.76	2.55	2.14	1.76	1.92	960.1	1.24	1.36	1.54
1990.0	2.96	2.65	2.49	2.01	1.89	2.23	1080.1	1.32	1.43	1.59
2120.0	2.55	2.27	2.16	1.97	2.06	2.52	1200.1	1.40	1.49	1.62