

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
2.0	32.0	7.30	6.80	6.50	32.0	43.8	49.7	54.2	35.5	38.5	41.1
5.0	35.0	6.11	5.61	5.31	35.0	44.9	50.3	54.6	36.1	38.9	41.7
8.0	38.0	5.83	5.53	5.33	38.0	45.6	50.9	54.8	36.4	39.4	42.1
10.0	40.0	6.06	5.56	5.36	40.0	45.7	51.3	55.2	36.4	39.6	42.4
50.0	80.0	5.81	5.41	5.21	80.0	50.8	55.8	58.1	38.3	42.2	46.1
100.0	130.0	5.69	5.39	5.19	130.0	53.6	54.7	54.9	39.2	44.4	48.6
110.5	140.5	5.64	5.34	5.14	140.5	53.5	53.8	54.3	39.3	44.1	47.8
220.5	250.5	6.18	5.68	5.38	250.5	48.2	48.0	48.0	41.9	48.9	46.0
330.4	360.4	6.41	5.61	5.31	360.4	46.2	45.1	44.7	43.6	53.3	42.2
440.4	470.4	6.62	5.72	5.42	470.4	46.0	44.4	44.0	43.5	52.2	41.7
500.0	530.0	6.35	5.55	5.35	530.0	45.9	44.3	43.5	45.3	48.1	40.9
550.4	580.4	6.35	5.65	5.35	580.4	47.4	45.4	44.2	48.8	48.0	41.4
660.4	690.4	6.42	5.82	5.62	690.4	49.4	47.5	45.6	41.5	43.1	40.7
770.3	800.3	6.71	6.21	6.01	800.3	50.8	50.8	48.4	38.5	40.0	39.4
880.3	910.3	6.86	6.46	6.16	910.3	52.2	52.2	48.6	36.0	38.7	39.6
990.3	1020.3	7.12	6.72	6.52	1020.3	64.4	53.7	46.9	34.9	37.6	39.2
1000.0	1030.0	6.97	6.57	6.37	1030.0	62.1	52.4	46.5	34.9	37.7	39.3
1100.3	1130.3	6.89	6.39	6.29	1130.3	49.4	46.8	43.8	33.4	36.1	38.2
1210.2	1240.2	7.22	6.72	6.42	1240.2	43.2	42.3	41.1	30.7	33.4	35.6
1320.2	1350.2	7.76	6.96	6.66	1350.2	39.9	38.9	38.1	28.5	31.2	33.2

Frequency Mixer

SYM-ED7306/1

Typical Performance Data

RF/LO (MHz)	RF VSWR (:1)			LO VSWR (:1)			IF (MHz)	IF VSWR (:1)		
	@LO (dBm)			@LO (dBm)				@LO (dBm)		
	+14	+17	+20	+14	+17	+20		+14	+17	+20
32.0	2.68	2.61	2.61	1.10	1.80	2.80	225.1	1.32	1.48	1.67
35.0	1.68	1.58	1.52	1.10	1.80	2.80	300.1	1.36	1.49	1.65
38.0	1.47	1.36	1.31	1.08	1.78	2.80	375.1	1.39	1.53	1.69
40.0	1.44	1.31	1.25	1.07	1.78	2.80	450.1	1.44	1.61	1.81
80.0	1.40	1.22	1.13	1.03	1.77	2.61	500.0	1.47	1.67	1.87
130.0	1.43	1.25	1.15	1.08	1.73	2.65	525.1	1.50	1.70	1.91
140.5	1.46	1.29	1.18	1.06	1.74	2.72	600.1	1.57	1.78	1.97
250.5	1.62	1.43	1.32	1.17	1.73	2.58	675.1	1.61	1.80	1.97
360.4	1.78	1.55	1.43	1.22	1.59	2.37	750.1	1.61	1.76	1.91
470.4	1.99	1.76	1.63	1.21	1.50	2.10	825.0	1.58	1.70	1.85
530.0	2.03	1.80	1.69	1.17	1.51	2.14	900.0	1.54	1.62	1.74
580.4	2.16	1.94	1.84	1.26	1.39	1.97	975.0	1.51	1.51	1.60
690.4	2.25	2.08	2.01	1.54	1.33	1.88	1000.0	1.50	1.46	1.56
800.3	2.49	2.30	2.20	1.77	1.32	1.71	1050.0	1.47	1.37	1.45
910.3	2.55	2.35	2.27	1.92	1.25	1.49	1125.0	1.44	1.24	1.31
1020.3	2.68	2.52	2.40	2.01	1.22	1.41	1200.0	1.41	1.13	1.18
1030.0	2.80	2.61	2.49	2.04	1.21	1.40	1275.0	1.39	1.05	1.11
1130.3	2.80	2.52	2.40	2.03	1.23	1.31	1350.0	1.40	1.08	1.10
1240.2	2.61	2.43	2.30	2.16	1.24	1.28	1425.0	1.46	1.19	1.18
1350.2	2.72	2.40	2.25	2.43	1.25	1.35	1500.0	1.59	1.36	1.35