

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
500.0	300.0	10.32	9.32	8.72	300.0	24.2	24.9	26.5	10.0	10.5	12.0
685.0	485.0	8.40	7.90	7.50	485.0	23.5	24.8	26.6	9.8	11.1	12.5
870.0	670.0	6.59	6.19	5.99	670.0	24.7	25.9	27.5	10.0	11.1	12.3
1000.0	800.0	5.89	5.59	5.59	800.0	26.7	28.0	29.6	9.6	10.9	12.0
1055.0	855.0	5.61	5.41	5.41	855.0	28.1	29.5	30.8	10.0	11.2	12.2
1240.0	1040.0	5.35	5.25	5.25	1040.0	37.9	37.0	36.1	14.2	15.0	15.3
1425.0	1225.0	5.88	5.88	5.88	1225.0	39.2	38.4	38.8	20.4	20.8	20.9
1500.0	1300.0	6.14	6.14	6.14	1300.0	37.1	36.5	36.5	22.3	22.8	22.7
1610.0	1410.0	6.25	6.05	6.15	1410.0	34.8	34.6	34.7	24.8	25.0	24.9
1703.0	1503.0	6.52	6.32	6.22	1503.0	35.7	35.4	34.8	27.1	27.1	27.0
1793.5	1593.5	7.02	6.72	6.62	1536.0	35.9	35.7	35.1	27.8	27.9	27.5
1980.0	1780.0	7.83	7.53	7.33	1590.5	35.8	35.8	35.2	28.9	28.9	28.5
2000.0	1800.0	7.95	7.65	7.45	1780.0	34.7	34.5	34.2	32.5	31.7	30.9
2165.0	1965.0	8.54	8.34	8.14	1800.0	34.6	34.3	34.1	32.8	32.0	31.1
2350.0	2150.0	7.68	7.58	7.48	1965.0	34.2	34.2	34.0	35.8	34.5	33.6
2535.0	2335.0	7.67	7.37	7.37	2150.0	35.8	34.9	34.3	36.2	34.9	34.0
2720.0	2520.0	7.86	7.76	7.86	2335.0	36.2	35.3	34.3	36.1	35.0	34.2
2905.0	2705.0	7.62	7.42	7.32	2520.0	34.4	32.9	31.9	35.6	34.9	34.3
3000.0	2800.0	7.55	7.25	7.25	2705.0	34.3	32.5	31.5	34.4	34.5	34.6
3090.0	2890.0	7.44	7.34	7.34	2800.0	34.4	32.5	31.2	34.0	34.3	34.6

Frequency Mixer

SYM-ED6857

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
300.0	5.03	3.44	2.72	7.00	6.49	6.26	0.1	1.89	1.70	1.57
485.0	3.11	2.20	2.08	5.66	5.49	5.17	0.5	1.91	1.74	1.60
670.0	2.32	1.74	1.89	2.88	2.72	2.61	1.0	2.01	1.80	1.65
800.0	1.97	1.56	1.84	1.92	1.84	1.76	10.0	1.97	1.77	1.62
855.0	1.89	1.59	1.94	1.64	1.59	1.54	30.0	1.91	1.73	1.59
1040.0	1.67	1.54	2.12	1.20	1.27	1.33	60.1	1.92	1.76	1.62
1225.0	1.59	1.60	2.10	1.69	1.80	1.89	100.0	1.84	1.68	1.56
1300.0	1.54	1.63	2.14	1.96	2.12	2.23	120.1	1.80	1.64	1.54
1410.0	1.57	1.70	2.16	2.23	2.40	2.55	180.1	1.63	1.51	1.41
1503.0	1.48	1.67	2.20	2.52	2.61	2.72	200.0	1.57	1.44	1.35
1593.5	1.38	1.64	2.25	2.76	2.80	2.80	240.1	1.44	1.32	1.24
1780.0	1.10	1.59	2.27	3.26	3.11	3.06	300.1	1.22	1.12	1.07
1800.0	1.11	1.62	2.30	3.44	3.26	3.21	360.1	1.07	1.13	1.19
1965.0	1.19	1.68	2.35	3.86	3.79	3.64	420.1	1.25	1.37	1.46
2150.0	1.40	1.76	2.35	3.64	3.57	3.50	480.1	1.51	1.66	1.78
2335.0	1.78	1.91	2.43	2.96	2.84	2.76	500.0	1.60	1.77	1.89
2520.0	2.16	2.08	2.49	2.80	2.68	2.65	540.1	1.78	1.97	2.14
2705.0	2.30	2.04	2.30	2.43	2.35	2.27	600.1	1.94	2.16	2.32
2800.0	2.30	1.96	2.14	2.30	2.20	2.14	660.0	2.10	2.32	2.49
2890.0	2.35	1.94	2.01	2.14	2.06	2.03	720.0	2.18	2.40	2.58