

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)		
		+13	+16	+19		+13	+16	+19	+13	+16	+19
5.0	52.0	7.40	7.40	7.30	52.0	60.2	62.0	63.6	67.6	68.3	68.0
10.0	57.0	6.73	6.73	6.63	57.0	60.2	62.1	63.5	68.0	68.6	68.2
50.0	97.0	6.19	6.19	6.09	97.0	58.0	60.9	64.2	64.8	65.4	65.3
72.7	119.7	6.16	6.06	6.06	119.7	56.2	60.5	64.6	64.6	65.4	64.6
100.0	147.0	6.15	6.05	5.95	147.0	56.8	63.9	69.8	64.9	66.0	66.1
145.4	192.4	6.04	6.04	6.04	192.4	58.7	82.1	62.1	61.3	62.6	62.6
218.0	265.0	6.02	5.92	5.92	265.0	66.4	58.0	52.8	58.7	60.5	59.1
290.7	337.7	6.06	5.96	5.86	337.7	58.0	52.3	48.7	57.2	59.1	60.6
363.3	410.3	6.14	6.04	6.04	410.3	51.4	48.2	46.5	54.3	56.6	74.6
436.0	483.0	6.32	6.12	6.12	483.0	48.1	45.1	43.7	54.4	55.6	67.1
500.0	547.0	6.66	6.66	6.66	547.0	44.7	42.5	41.8	51.9	52.8	61.9
508.6	555.6	6.66	6.66	6.56	555.6	45.0	42.6	41.8	51.3	51.9	56.1
581.3	628.3	6.75	6.65	6.75	628.3	45.2	42.4	40.6	50.6	51.1	51.6
600.0	647.0	6.68	6.68	6.68	647.0	46.2	42.7	40.8	50.2	50.5	49.8
613.0	660.0	6.77	6.77	6.77	660.0	46.4	43.0	40.9	50.5	50.7	49.7
650.0	697.0	6.99	6.89	6.89	697.0	45.7	42.2	40.1	50.4	51.0	50.2
653.9	700.9	6.97	6.97	6.97	700.9	46.0	42.0	40.1	50.3	50.9	50.2
726.6	773.6	7.14	7.14	7.04	773.6	46.5	41.9	39.7	51.5	52.5	53.7
799.2	846.2	7.55	7.55	7.55	846.2	48.0	42.6	40.0	53.0	56.0	58.6
900.0	947.0	8.21	8.21	8.11	947.0	47.0	42.5	40.1	55.0	57.6	55.5

Frequency Mixer

SBL-ED7399/1

Typical Performance Data

RF/LO (MHz)	RF VSWR (:1)			LO VSWR (:1)			IF (MHz)	IF VSWR (:1)		
	@LO (dBm)			@LO (dBm)				@LO (dBm)		
	+13	+16	+19	+13	+16	+19		+13	+16	+19
52.0	5.03	5.49	6.73	3.21	3.21	3.16	100.0	3.06	2.92	2.84
57.0	4.64	5.49	6.73	1.73	1.74	1.74	150.1	2.96	2.84	2.76
97.0	4.32	5.17	6.26	1.23	1.25	1.28	200.1	3.01	2.92	2.88
119.7	4.22	5.17	6.26	1.20	1.23	1.27	250.0	3.16	3.06	2.96
147.0	4.12	5.33	6.73	1.18	1.22	1.27	300.1	3.32	3.21	3.16
192.4	3.86	5.03	5.85	1.16	1.21	1.24	307.0	3.44	3.32	3.26
265.0	3.71	4.89	5.85	1.18	1.23	1.27	350.1	3.50	3.38	3.32
337.7	3.79	4.89	6.26	1.24	1.28	1.33	400.1	3.71	3.57	3.50
410.3	3.64	4.77	5.85	1.26	1.30	1.34	450.1	3.71	3.57	3.50
483.0	3.38	4.12	4.89	1.38	1.42	1.45	500.0	3.79	3.64	3.50
547.0	3.38	4.03	4.64	1.47	1.51	1.54	550.0	3.71	3.57	3.57
555.6	3.26	3.95	4.53	1.47	1.50	1.54	600.0	3.57	3.44	3.38
628.3	3.26	3.95	4.64	1.54	1.57	1.60	650.0	3.38	3.32	3.26
647.0	3.01	3.71	4.22	1.58	1.62	1.65	700.0	3.06	3.06	3.01
660.0	3.06	3.64	4.32	1.60	1.63	1.67	750.0	2.76	2.72	2.68
697.0	3.21	3.95	4.77	1.62	1.65	1.68	800.0	2.43	2.43	2.40
700.9	3.21	3.95	4.64	1.62	1.65	1.67	850.0	2.23	2.23	2.20
773.6	2.92	3.50	4.22	1.85	1.88	1.91	900.0	2.06	2.06	2.06
846.2	2.61	3.16	3.57	2.37	2.43	2.46	950.0	1.99	1.97	1.97
947.0	2.58	3.21	3.57	3.16	3.21	3.26	1000.0	1.96	1.96	1.96