

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
10.0	40.0	7.66	7.16	6.96	40.0	57.3	57.4	57.1	58.6	56.2	54.1
40.0	70.0	7.48	6.98	6.88	70.0	52.1	52.0	52.2	55.3	53.0	51.7
63.5	93.5	7.47	7.07	6.77	93.5	49.5	49.4	49.4	53.0	51.2	50.1
125.9	155.9	7.41	7.01	6.71	155.9	45.0	45.0	45.3	48.9	47.9	47.3
188.4	218.4	7.43	7.03	6.73	218.4	42.2	42.3	42.6	46.9	46.4	46.1
250.8	280.8	7.15	6.75	6.55	280.8	40.1	40.1	40.3	45.3	45.0	44.4
313.3	343.3	7.08	6.68	6.58	343.3	38.2	38.6	38.6	44.3	43.7	43.0
375.8	405.8	6.99	6.69	6.49	405.8	36.9	37.0	37.3	42.6	41.9	41.5
438.2	468.2	6.85	6.55	6.45	468.2	35.8	35.9	36.3	41.0	40.9	40.7
500.7	530.7	6.79	6.59	6.49	530.7	35.4	35.6	35.8	38.4	38.4	38.5
510.0	540.0	6.88	6.58	6.48	540.0	35.2	35.5	35.8	38.6	38.1	38.2
563.1	593.1	7.05	6.65	6.55	593.1	34.6	34.9	35.3	37.2	37.6	37.8
625.6	655.6	6.94	6.64	6.44	655.6	34.1	34.3	34.6	35.2	36.1	36.8
688.0	718.0	7.08	6.58	6.48	718.0	33.7	34.1	34.3	34.5	34.0	34.6
750.5	780.5	7.07	6.77	6.57	780.5	33.3	33.7	34.0	34.7	33.8	33.4
813.0	843.0	7.16	6.76	6.56	843.0	32.9	33.2	33.6	34.1	34.3	33.6
875.4	905.4	7.19	6.79	6.59	905.4	32.5	32.8	33.3	32.4	33.5	33.7
937.9	967.9	7.31	6.71	6.51	967.9	32.5	32.7	33.0	29.9	31.4	32.5
970.0	1000.0	7.39	6.89	6.59	1000.0	32.8	32.9	33.1	29.0	30.4	31.5
1000.3	1030.3	7.57	7.07	6.67	1030.3	32.8	32.9	33.0	28.2	29.6	30.6

Frequency Mixer

ADE-ED6637/2

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
40.0	1.39	1.46	1.53	1.77	2.65	3.71	166.8	2.14	1.78	1.55
70.0	1.31	1.41	1.47	1.78	2.65	3.64	208.4	2.12	1.78	1.57
93.5	1.32	1.43	1.50	1.81	2.68	3.71	250.1	2.12	1.78	1.60
155.9	1.32	1.41	1.49	1.80	2.76	3.71	291.7	2.16	1.85	1.66
218.4	1.32	1.43	1.50	1.77	2.65	3.71	333.4	2.18	1.88	1.69
280.8	1.34	1.44	1.51	1.81	2.61	3.50	375.1	2.23	1.91	1.71
343.3	1.36	1.47	1.54	1.81	2.72	3.79	416.7	2.23	1.94	1.75
405.8	1.35	1.45	1.51	1.82	2.80	3.79	458.4	2.23	1.94	1.77
468.2	1.39	1.49	1.54	1.82	2.76	3.71	500.1	2.16	1.92	1.76
530.7	1.41	1.51	1.56	1.97	2.88	3.86	541.7	2.20	1.94	1.78
540.0	1.40	1.49	1.54	1.87	2.80	3.71	583.4	2.16	1.91	1.76
593.1	1.36	1.44	1.50	1.87	2.84	3.95	625.0	2.12	1.89	1.75
655.6	1.40	1.48	1.54	1.81	2.61	3.38	666.7	2.06	1.85	1.71
718.0	1.42	1.52	1.59	1.82	2.61	3.38	708.4	1.96	1.77	1.67
780.5	1.46	1.55	1.61	1.88	2.65	3.44	750.0	1.92	1.76	1.64
843.0	1.49	1.58	1.64	1.81	2.52	3.11	791.7	1.81	1.68	1.59
905.4	1.54	1.62	1.68	1.84	2.52	3.11	833.4	1.77	1.63	1.57
967.9	1.55	1.65	1.73	1.96	2.76	3.38	875.0	1.76	1.62	1.57
1000.0	1.62	1.74	1.81	1.96	2.65	3.32	916.7	1.71	1.59	1.54
1030.3	1.69	1.82	1.89	2.03	2.80	3.38	958.3	1.69	1.59	1.54