

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)		
		+10	+13	+16		+10	+13	+16	+10	+13	+16
650.0	680.0	7.58	7.28	6.98	680.0	41.9	45.3	47.8	36.3	33.2	30.0
657.9	687.9	7.63	7.33	7.13	687.9	41.9	45.1	47.6	37.0	33.5	30.0
815.8	845.8	7.11	6.71	6.51	845.8	42.4	46.5	44.3	37.6	33.0	29.8
973.7	1003.7	6.35	5.95	5.75	1003.7	44.2	44.6	41.9	31.0	29.4	27.9
1000.0	1030.0	6.31	5.91	5.71	1030.0	44.8	44.0	41.2	30.1	28.4	27.1
1131.6	1161.6	6.46	6.06	5.76	1161.6	46.3	44.1	41.7	27.2	26.0	24.7
1289.5	1319.5	5.96	5.66	5.36	1319.5	44.7	45.6	44.7	23.3	23.9	23.5
1447.4	1477.4	6.01	5.51	5.31	1477.4	40.7	45.8	50.6	21.0	22.3	23.0
1605.3	1635.3	5.79	5.39	5.09	1635.3	33.5	37.8	46.2	19.1	20.4	21.7
1700.0	1730.0	5.70	5.40	5.10	1730.0	31.8	35.8	42.0	18.7	19.9	21.1
1763.2	1793.2	5.94	5.54	5.24	1793.2	30.8	34.5	38.8	18.5	19.7	20.8
1800.0	1830.0	5.97	5.47	5.27	1830.0	30.3	33.6	37.2	18.3	19.4	20.5
1900.0	1930.0	6.36	5.96	5.56	1930.0	28.6	31.1	33.5	17.2	18.6	19.7
1921.1	1951.1	6.48	6.18	5.78	1951.1	28.3	30.6	32.9	17.1	18.6	19.5
2000.0	2030.0	6.83	6.63	6.33	2030.0	27.3	29.7	31.6	16.4	18.0	19.2
2078.9	2108.9	7.23	7.03	6.93	2108.9	26.4	29.2	31.2	16.0	18.3	19.8
2100.0	2130.0	7.29	7.19	6.99	2130.0	26.1	28.9	31.3	16.1	18.3	20.1
2200.0	2230.0	7.81	7.61	7.61	2230.0	25.3	28.3	30.8	16.5	19.1	21.2
2236.8	2266.8	8.01	7.91	7.81	2266.8	24.9	28.0	30.7	16.5	19.2	21.6
2394.7	2424.7	9.09	8.99	8.99	2424.7	24.8	27.7	29.7	17.1	20.0	22.3

Frequency Mixer

ADE-ED6347/2

Typical Performance Data

RF/LO (MHz)	RF VSWR (:1)			LO VSWR (:1)			IF (MHz)	IF VSWR (:1)		
	@LO (dBm)			@LO (dBm)				@LO (dBm)		
	+10	+13	+16	+10	+13	+16		+10	+13	+16
680.0	4.03	3.11	3.95	5.66	5.33	5.03	1.0	3.95	3.64	3.38
687.9	3.86	3.06	3.95	5.66	5.17	4.89	1.3	3.95	3.64	3.38
845.8	2.76	2.76	3.95	5.03	4.77	4.42	3.0	3.86	3.57	3.32
1003.7	2.35	2.84	4.42	3.50	3.38	3.21	5.0	3.79	3.50	3.26
1030.0	2.37	3.01	5.03	3.44	3.26	3.16	7.1	3.79	3.50	3.21
1161.6	2.12	2.92	4.53	3.16	2.92	2.80	10.0	3.86	3.57	3.32
1319.5	2.20	3.11	4.89	2.46	2.32	2.20	16.6	3.86	3.57	3.26
1477.4	2.20	2.96	4.42	1.78	1.71	1.70	30.0	3.71	3.44	3.21
1635.3	2.23	2.96	4.12	1.11	1.19	1.39	38.8	3.86	3.57	3.26
1730.0	2.43	3.26	4.64	1.30	1.42	1.63	50.0	3.57	3.32	3.11
1793.2	2.52	3.50	4.77	1.54	1.62	1.76	80.0	3.57	3.32	3.11
1830.0	2.84	3.95	5.85	1.74	1.81	1.94	91.0	3.50	3.32	3.06
1930.0	3.44	4.77	7.60	2.25	2.35	2.43	100.0	3.32	3.11	2.96
1951.1	3.38	4.64	7.00	2.43	2.52	2.61	200.0	3.01	2.88	2.72
2030.0	3.86	5.17	7.60	3.01	3.16	3.38	213.4	3.11	2.96	2.76
2108.9	4.03	5.49	8.31	3.79	4.03	4.22	310.0	3.26	3.06	2.84
2130.0	3.86	5.17	7.28	4.03	4.22	4.53	400.0	3.26	3.11	2.92
2230.0	4.12	5.33	7.00	5.03	5.17	5.33	500.0	3.16	3.06	2.88
2266.8	4.22	5.33	7.60	5.33	5.49	5.49	550.0	3.11	3.01	2.84
2424.7	4.22	5.17	7.00	5.66	5.66	5.66	600.0	3.06	2.96	2.84