

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)		
		+7	+10	+13		+7	+10	+13	+7	+10	+13
641.7	671.7	7.43	7.13	6.93	671.7	40.9	39.0	38.0	22.1	24.9	27.2
734.6	764.6	7.33	6.93	6.73	764.6	38.5	37.8	37.5	20.7	23.7	25.8
827.5	857.5	7.29	6.89	6.69	857.5	36.9	37.0	37.2	19.8	22.3	24.3
920.4	950.4	7.25	6.75	6.55	950.4	36.2	36.8	37.1	19.4	22.0	23.8
1000.0	1030.0	6.90	6.50	6.30	1030.0	36.0	36.5	37.2	19.3	22.3	24.1
1013.3	1043.3	6.80	6.30	6.10	1043.3	35.6	36.1	36.9	19.3	22.2	24.4
1106.3	1136.3	6.71	6.31	6.11	1136.3	35.2	35.6	36.2	19.6	22.4	24.9
1199.2	1229.2	6.73	6.43	6.23	1229.2	35.2	35.7	36.5	20.1	23.0	25.0
1292.1	1322.1	6.69	6.39	6.19	1322.1	33.5	33.9	34.4	21.1	23.5	24.9
1385.0	1415.0	6.22	5.92	5.72	1415.0	32.8	33.3	34.0	22.7	24.8	25.0
1477.9	1507.9	6.13	5.83	5.63	1507.9	33.2	33.6	34.6	23.5	24.5	23.3
1570.8	1600.8	6.14	5.74	5.44	1600.8	33.1	33.6	34.4	23.5	22.8	20.8
1663.8	1693.8	6.22	5.72	5.42	1693.8	32.4	32.9	33.4	23.2	21.5	19.3
1756.7	1786.7	6.25	5.75	5.45	1786.7	31.6	31.7	31.8	23.5	20.6	18.4
1849.6	1879.6	6.48	5.98	5.68	1879.6	30.4	29.9	30.1	23.4	20.2	17.9
1942.5	1972.5	6.60	6.20	6.10	1972.5	29.0	27.9	28.2	22.5	19.2	17.3
2000.0	2030.0	6.55	6.25	6.35	2030.0	28.0	27.0	27.4	21.3	18.3	16.6
2035.4	2065.4	6.59	6.29	6.49	2065.4	27.4	26.5	27.1	20.1	17.4	15.6
2128.3	2158.3	6.82	6.52	6.82	2158.3	26.4	25.9	26.8	17.8	15.0	13.8
2221.3	2251.3	6.90	6.70	7.00	2251.3	25.2	25.1	26.0	14.7	12.7	11.5

Frequency Mixer

ADE-ED6315/1

Typical Performance Data

RF/LO (MHz)	RF VSWR (:1)			LO VSWR (:1)			IF (MHz)	IF VSWR (:1)		
	@LO (dBm)			@LO (dBm)				@LO (dBm)		
	+7	+10	+13	+7	+10	+13		+7	+10	+13
671.7	6.26	5.49	5.33	3.50	2.80	3.26	0.8	1.36	1.07	1.46
764.6	5.33	5.03	4.89	3.11	2.72	3.38	1.0	1.37	1.06	1.46
857.5	5.17	4.77	4.64	2.88	2.88	3.64	10.0	1.36	1.07	1.47
950.4	5.49	5.03	4.89	2.68	2.92	3.95	25.0	1.36	1.07	1.46
1030.0	4.53	4.03	3.86	2.65	3.01	4.22	62.6	1.38	1.06	1.46
1043.3	4.42	3.95	3.79	2.61	3.01	4.22	125.1	1.38	1.05	1.40
1136.3	3.79	3.57	3.32	2.61	3.11	3.95	187.6	1.44	1.08	1.38
1229.2	3.50	3.32	3.21	2.58	3.38	4.12	250.1	1.46	1.13	1.36
1322.1	3.38	3.21	3.11	2.61	3.38	4.22	312.6	1.56	1.20	1.39
1415.0	2.96	2.76	2.65	2.65	3.44	4.42	375.1	1.62	1.27	1.41
1507.9	2.61	2.52	2.46	2.80	3.64	4.89	437.6	1.68	1.34	1.48
1600.8	2.20	2.12	2.06	2.92	3.86	5.03	500.1	1.70	1.40	1.53
1693.8	1.77	1.71	1.73	3.06	4.22	5.17	562.6	1.74	1.46	1.59
1786.7	1.41	1.45	1.54	3.11	4.32	5.17	625.1	1.71	1.50	1.63
1879.6	1.22	1.39	1.56	3.21	4.22	5.03	687.6	1.68	1.53	1.68
1972.5	1.26	1.55	1.87	3.32	4.53	5.17	750.1	1.64	1.54	1.74
2030.0	1.48	1.80	2.20	3.57	4.89	5.66	812.5	1.60	1.56	1.78
2065.4	1.63	1.99	2.46	3.57	4.64	5.33	875.0	1.59	1.60	1.87
2158.3	2.06	2.52	3.01	3.64	4.77	5.49	937.5	1.60	1.68	1.99
2251.3	2.46	2.88	3.32	3.79	4.77	5.66	1000.0	1.62	1.76	2.10