

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
400.0	389.3	8.65	6.75	6.25	389.3	28.5	28.2	29.7	35.4	38.0	40.8
500.0	489.3	7.54	6.54	6.14	489.3	28.0	29.4	30.6	33.9	36.8	39.7
600.0	589.3	7.50	6.70	6.30	589.3	29.6	31.5	31.3	32.9	35.9	39.1
700.0	689.3	7.23	6.63	6.23	689.3	31.9	31.7	30.1	32.4	35.7	39.1
800.0	789.3	6.94	6.24	6.04	789.3	34.6	30.8	28.3	32.2	36.1	39.7
900.0	889.3	7.14	6.34	5.94	889.3	35.4	32.3	28.3	31.5	35.1	38.5
1000.0	989.3	7.22	6.52	6.02	989.3	31.0	30.6	28.8	30.6	34.1	37.9
1100.0	1089.3	6.97	6.27	5.87	1089.3	27.4	27.5	26.5	29.9	33.9	37.2
1200.0	1189.3	6.74	6.14	5.94	1189.3	25.2	25.2	24.3	30.2	35.6	39.7
1300.0	1289.3	6.70	6.30	6.20	1289.3	22.7	23.0	22.4	31.9	40.3	46.1
1400.0	1389.3	6.95	6.75	6.65	1389.3	21.1	21.5	21.4	32.2	40.2	39.8
1420.0	1409.3	7.10	6.90	6.80	1409.3	21.0	21.4	21.3	32.0	39.0	38.3
1425.0	1414.3	7.12	6.92	6.82	1414.3	20.9	21.3	21.3	32.1	39.1	38.0
1430.0	1419.3	7.12	6.92	6.82	1419.3	20.8	21.3	21.4	31.9	38.7	37.9
1435.0	1424.3	7.12	6.92	6.92	1424.3	20.8	21.3	21.3	31.9	38.5	37.6
1440.7	1430.0	7.09	6.99	6.89	1430.0	20.7	21.3	21.3	32.2	38.3	37.4
1445.0	1434.3	7.16	7.06	6.96	1434.3	20.7	21.3	21.3	31.8	38.2	37.3
1450.0	1439.3	7.19	7.09	6.99	1439.3	20.7	21.2	21.3	31.6	37.7	37.2
1500.0	1489.3	7.44	7.24	7.14	1489.3	20.5	21.1	21.3	30.6	35.9	35.7
1600.0	1589.3	7.90	7.60	7.60	1589.3	19.8	20.7	21.3	28.2	31.9	32.6

Frequency Mixer

ADE-ED6309/3

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
389.3	7.00	3.50	3.06	2.37	1.70	1.48	1.0	1.96	1.97	1.99
489.3	3.64	2.43	2.65	2.04	1.65	1.41	1.7	1.75	1.77	1.78
589.3	2.40	1.94	2.46	2.12	1.77	1.55	3.5	1.56	1.56	1.57
689.3	1.75	1.69	2.35	2.01	1.66	1.48	7.1	1.38	1.36	1.34
789.3	1.40	1.49	2.25	1.85	1.50	1.41	10.7	1.32	1.27	1.25
889.3	1.17	1.50	2.25	2.03	1.58	1.33	14.4	1.28	1.23	1.20
989.3	1.14	1.50	2.30	1.97	1.63	1.39	29.2	1.23	1.16	1.12
1089.3	1.13	1.46	2.20	1.70	1.44	1.32	40.0	1.22	1.15	1.11
1189.3	1.26	1.38	2.04	1.37	1.25	1.25	59.5	1.20	1.13	1.09
1289.3	1.40	1.39	2.03	1.12	1.18	1.26	120.9	1.16	1.10	1.06
1389.3	1.60	1.48	2.04	1.02	1.17	1.27	245.9	1.15	1.10	1.08
1409.3	1.63	1.51	2.10	1.05	1.18	1.28	500.1	1.15	1.09	1.07
1414.3	1.64	1.54	2.10	1.05	1.19	1.28	541.7	1.13	1.07	1.05
1419.3	1.64	1.53	2.06	1.05	1.18	1.28	583.4	1.11	1.03	1.04
1424.3	1.65	1.54	2.04	1.06	1.19	1.28	625.0	1.09	1.02	1.05
1430.0	1.62	1.54	2.04	1.07	1.20	1.29	666.7	1.09	1.06	1.09
1434.3	1.66	1.54	1.99	1.07	1.20	1.29	708.4	1.12	1.11	1.14
1439.3	1.66	1.51	1.99	1.08	1.19	1.29	750.0	1.17	1.18	1.20
1489.3	1.77	1.61	2.12	1.13	1.21	1.30	791.7	1.25	1.26	1.28
1589.3	1.96	1.73	2.10	1.22	1.30	1.38	833.4	1.35	1.35	1.38