

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
341.0	1589.0	7.01	6.20	6.01	1200.0	40.5	46.3	53.8	31.1	28.6	26.8
341.0	1645.4	7.24	6.45	6.24	1233.6	40.1	45.8	53.8	30.2	28.0	26.5
341.0	1701.8	7.54	6.73	6.44	1267.3	39.9	45.0	51.4	29.7	27.6	26.0
341.0	1758.2	7.91	7.11	6.79	1300.9	39.3	43.0	49.6	29.0	27.1	25.8
341.0	1814.6	8.35	7.44	7.10	1334.6	39.2	41.3	46.6	28.7	26.9	25.5
341.0	1871.0	8.62	7.60	7.23	1368.2	39.3	40.6	44.1	28.3	26.6	25.3
341.0	1930.0	8.73	7.70	7.24	1401.8	38.5	39.6	41.9	27.8	26.3	25.1
341.0	1954.0	8.76	7.75	7.24	1435.5	37.7	38.2	40.3	27.6	26.1	24.9
341.0	1990.0	8.83	7.79	7.35	1469.1	36.5	37.0	38.5	27.0	25.8	24.7
341.0	2021.0	8.77	7.74	7.30	1502.7	35.2	35.8	36.9	26.6	25.5	24.4
341.0	2094.3	8.62	7.72	7.32	1536.4	34.1	34.3	35.3	26.4	25.3	24.3
341.0	2167.7	8.60	7.77	7.42	1570.0	32.3	32.6	33.6	25.8	25.0	24.1
341.0	2241.0	8.46	7.74	7.48	1589.0	31.7	31.8	32.7	25.5	24.8	24.0
341.0	1589.0	8.71	7.66	7.23	1604.0	31.3	31.3	32.1	25.5	24.7	24.0
341.0	1613.0	8.85	7.72	7.25	1619.0	31.0	31.0	31.7	25.4	24.7	24.1
341.0	1649.0	8.83	7.75	7.23	1634.0	30.5	30.6	31.3	25.2	24.7	24.2
341.0	1679.0	8.77	7.70	7.20	1649.0	30.0	30.0	30.8	24.9	24.5	24.1
341.0	1782.7	8.48	7.50	7.12	1660.0	29.6	29.6	30.4	24.8	24.4	24.0
341.0	1886.3	8.34	7.37	7.06	1695.7	29.1	29.1	29.9	24.7	24.2	23.9
341.0	1990.0	8.46	7.66	7.41	1731.4	28.7	28.9	30.0	24.4	24.3	24.2
341.0	1248.0	6.80	6.30	6.21	1767.1	28.4	28.8	30.0	24.1	24.2	24.2
341.0	1304.4	6.98	6.40	6.31	1802.9	28.3	29.0	30.0	23.8	24.1	24.2
341.0	1360.8	7.23	6.59	6.44	1838.6	28.0	28.8	29.9	23.5	23.8	24.2
341.0	1417.2	7.56	6.86	6.69	1874.3	27.8	28.7	29.7	23.0	23.5	24.1
341.0	1473.6	8.04	7.30	6.98	1910.0	27.5	28.4	29.5	22.7	23.3	24.0
341.0	1530.0	8.58	7.59	7.20	1930.0	27.5	28.4	29.4	22.7	23.2	24.0
341.0	1589.0	8.69	7.67	7.22	1945.0	27.4	28.2	29.1	22.5	23.1	23.9
341.0	1613.0	8.82	7.73	7.24	1960.0	27.2	28.1	28.9	22.4	23.0	23.8
341.0	1649.0	8.76	7.69	7.17	1975.0	27.2	28.0	28.8	22.2	23.0	23.7
341.0	1680.0	8.76	7.71	7.19	1990.0	27.1	27.9	28.7	22.2	22.9	23.7
341.0	1753.3	8.53	7.60	7.14	2000.0	27.0	27.8	28.6	22.1	22.8	23.6
341.0	1826.7	8.34	7.44	7.08	2033.3	27.1	27.8	28.7	21.8	22.7	23.5
341.0	1900.0	8.32	7.43	7.12	2066.7	27.1	27.7	28.5	21.7	22.5	23.4
341.0	1930.0	8.79	7.72	7.23	2100.0	27.1	27.8	28.5	21.5	22.3	23.3
341.0	1954.0	8.78	7.79	7.27	2133.3	27.1	27.8	28.4	21.2	22.0	23.0
341.0	1990.0	8.78	7.81	7.29	2166.7	27.1	27.8	28.4	21.1	21.9	22.8
341.0	2020.0	8.73	7.81	7.34	2200.0	27.1	27.9	28.4	20.9	21.6	22.6
341.0	2123.7	8.55	7.70	7.33	2233.3	27.2	27.9	28.4	20.6	21.3	22.3
341.0	2227.3	8.39	7.71	7.48	2266.7	27.4	28.2	28.7	20.6	21.3	22.3
341.0	2331.0	8.38	7.73	7.63	2300.0	27.4	28.0	28.7	20.3	21.0	21.9

Frequency Mixer

SYM-EDR5053

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
1200.0	2.25	2.03	1.90	1.92	1.14	1.26	1.0	1.91	1.51	1.30
1233.6	2.21	2.00	1.88	1.92	1.18	1.29	5.0	1.98	1.55	1.31
1267.3	2.17	1.97	1.85	1.95	1.20	1.27	10.1	2.00	1.56	1.32
1300.9	2.14	1.94	1.83	1.97	1.21	1.30	20.1	2.01	1.57	1.33
1334.6	2.13	1.95	1.83	1.96	1.22	1.31	45.0	2.01	1.57	1.33
1368.2	2.10	1.93	1.83	1.92	1.26	1.34	56.0	2.02	1.58	1.33
1401.8	2.10	1.93	1.83	1.97	1.28	1.37	67.0	2.03	1.58	1.33
1435.5	2.09	1.93	1.83	1.91	1.30	1.41	78.0	2.01	1.57	1.33
1469.1	2.07	1.92	1.83	1.96	1.34	1.47	89.0	2.00	1.57	1.33
1502.7	2.07	1.93	1.83	1.90	1.35	1.50	100.0	2.00	1.57	1.33
1536.4	2.05	1.91	1.83	1.91	1.39	1.53	150.0	1.95	1.54	1.31
1570.0	2.01	1.88	1.80	1.92	1.43	1.59	167.4	1.92	1.52	1.30
1589.0	2.00	1.88	1.80	1.85	1.43	1.60	184.7	1.91	1.51	1.30
1604.0	1.98	1.86	1.79	1.84	1.44	1.61	202.1	1.89	1.50	1.29
1619.0	1.96	1.85	1.77	1.87	1.46	1.62	219.5	1.86	1.48	1.28
1634.0	1.93	1.82	1.74	1.85	1.48	1.64	236.8	1.85	1.47	1.28
1649.0	1.80	1.67	1.58	1.86	1.50	1.69	254.2	1.82	1.45	1.26
1660.0	1.89	1.79	1.72	1.85	1.50	1.69	271.6	1.80	1.44	1.26
1695.7	1.82	1.73	1.67	1.81	1.52	1.68	288.9	1.77	1.42	1.25
1731.4	1.73	1.66	1.60	1.84	1.58	1.76	306.3	1.75	1.41	1.24
1767.1	1.66	1.60	1.54	1.77	1.58	1.73	338.0	1.71	1.38	1.23
1802.9	1.60	1.53	1.49	1.79	1.62	1.79	341.0	1.70	1.38	1.23
1838.6	1.53	1.48	1.43	1.78	1.63	1.79	344.0	1.70	1.38	1.23
1874.3	1.48	1.42	1.38	1.74	1.63	1.79	364.9	1.68	1.36	1.22
1910.0	1.41	1.35	1.31	1.74	1.64	1.83	385.9	1.65	1.35	1.22
1930.0	1.38	1.32	1.28	1.71	1.64	1.81	406.8	1.63	1.33	1.21
1945.0	1.36	1.30	1.25	1.69	1.63	1.80	427.8	1.60	1.32	1.20
1960.0	1.33	1.27	1.23	1.69	1.65	1.82	448.7	1.58	1.30	1.20
1975.0	1.31	1.25	1.21	1.68	1.65	1.84	469.7	1.55	1.29	1.20
1990.0	1.29	1.22	1.18	1.68	1.66	1.85	490.6	1.53	1.27	1.19
2000.0	1.28	1.21	1.16	1.67	1.66	1.85	511.5	1.50	1.26	1.19
2033.3	1.23	1.16	1.11	1.66	1.68	1.86	532.5	1.47	1.24	1.18
2066.7	1.21	1.12	1.07	1.65	1.70	1.90	553.4	1.45	1.23	1.18
2100.0	1.20	1.11	1.05	1.62	1.70	1.90	574.4	1.43	1.21	1.18
2133.3	1.22	1.14	1.09	1.62	1.73	1.94	595.3	1.40	1.20	1.18
2166.7	1.25	1.18	1.15	1.61	1.74	1.94	616.2	1.37	1.19	1.18
2200.0	1.30	1.24	1.21	1.61	1.74	1.94	637.2	1.35	1.17	1.18
2233.3	1.37	1.32	1.29	1.64	1.81	2.06	658.1	1.33	1.16	1.19
2266.7	1.45	1.40	1.37	1.60	1.75	1.94	679.1	1.30	1.15	1.19
2300.0	1.54	1.50	1.46	1.68	1.89	2.13	700.0	1.28	1.15	1.19