

Frequency Mixer

MCA1-ED12376/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=130MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+5dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+7	+10	+13			+7	+10	+13			+7	+10	+13
1100.0	970.0	22.27	13.72	9.16	1100.0	970.0	-1.69	5.52	11.91	1100.0	970.0	-8.50	-2.75	-0.70
1160.5	1030.5	16.05	10.53	8.31	1160.5	1030.5	2.07	9.48	13.85	1160.5	1030.5	-4.36	-1.10	-0.41
1221.1	1091.1	11.78	8.92	7.74	1221.1	1091.1	7.33	13.92	14.13	1221.1	1091.1	-1.43	-0.32	-0.09
1281.6	1151.6	9.75	8.03	7.06	1281.6	1151.6	9.68	14.48	14.58	1281.6	1151.6	-0.46	-0.15	0.08
1342.1	1212.1	8.63	7.35	6.52	1342.1	1212.1	12.37	15.40	15.89	1342.1	1212.1	-0.08	-0.12	0.01
1402.7	1272.7	8.31	7.06	6.39	1402.7	1272.7	13.57	21.16	16.59	1402.7	1272.7	0.09	0.03	0.05
1463.2	1333.2	8.05	6.89	6.27	1463.2	1333.2	15.62	14.71	21.52	1463.2	1333.2	0.23	0.07	0.10
1523.7	1393.7	8.03	6.85	6.29	1523.7	1393.7	23.17	15.56	17.13	1523.7	1393.7	0.23	0.06	0.03
1584.2	1454.2	8.30	7.13	6.56	1584.2	1454.2	18.43	22.80	17.26	1584.2	1454.2	0.13	0.07	0.03
1644.8	1514.8	8.42	7.29	6.63	1644.8	1514.8	20.09	19.88	20.65	1644.8	1514.8	0.17	-0.05	-0.02
1705.3	1575.3	8.35	7.24	6.64	1705.3	1575.3	19.75	19.39	25.53	1705.3	1575.3	0.17	0.01	0.01
1765.8	1635.8	8.48	7.38	6.74	1765.8	1635.8	19.15	20.14	19.27	1765.8	1635.8	0.20	-0.01	0.02
1826.4	1696.4	8.43	7.28	6.62	1826.4	1696.4	17.62	20.17	22.65	1826.4	1696.4	0.21	0.01	0.02
1886.9	1756.9	8.27	7.19	6.60	1886.9	1756.9	16.98	21.44	26.70	1886.9	1756.9	0.19	0.01	0.00
1947.4	1817.4	8.28	7.21	6.60	1947.4	1817.4	22.26	25.80	22.54	1947.4	1817.4	0.27	0.05	0.04
2008.0	1878.0	8.04	7.02	6.48	2008.0	1878.0	17.75	22.75	18.78	2008.0	1878.0	0.46	0.10	0.02
2068.5	1938.5	7.92	6.82	6.36	2068.5	1938.5	16.90	17.53	24.53	2068.5	1938.5	0.55	0.22	0.08
2129.0	1999.0	7.93	7.05	6.63	2129.0	1999.0	15.03	20.17	22.07	2129.0	1999.0	0.69	0.25	0.10
2189.6	2059.6	8.05	7.03	6.53	2189.6	2059.6	16.49	20.61	23.25	2189.6	2059.6	0.54	0.21	0.11
2250.1	2120.1	8.44	7.37	6.79	2250.1	2120.1	17.08	22.08	23.53	2250.1	2120.1	0.48	0.17	0.07
2310.6	2180.6	8.88	7.59	6.91	2310.6	2180.6	17.72	22.89	24.63	2310.6	2180.6	0.39	0.15	0.05
2371.2	2241.2	9.22	7.60	6.77	2371.2	2241.2	23.28	21.90	23.64	2371.2	2241.2	0.17	0.09	0.04
2431.7	2301.7	9.96	8.16	7.15	2431.7	2301.7	17.31	19.85	18.26	2431.7	2301.7	-0.05	0.05	0.08
2492.2	2362.2	9.42	7.71	6.80	2492.2	2362.2	15.33	21.98	22.39	2492.2	2362.2	-0.02	0.03	0.08
2552.7	2422.7	9.21	7.37	6.67	2552.7	2422.7	16.53	19.75	26.66	2552.7	2422.7	0.24	0.21	0.08
2613.3	2483.3	10.61	8.64	7.54	2613.3	2483.3	13.14	16.05	22.85	2613.3	2483.3	-0.13	-0.09	0.00
2673.8	2543.8	10.91	9.08	7.97	2673.8	2543.8	14.68	15.03	18.12	2673.8	2543.8	-0.48	-0.42	-0.24
2734.3	2604.3	12.04	9.41	8.21	2734.3	2604.3	12.26	15.61	17.26	2734.3	2604.3	-0.97	-0.46	-0.27
2794.9	2664.9	13.29	9.27	7.95	2794.9	2664.9	8.91	15.85	16.91	2794.9	2664.9	-1.63	-0.19	-0.01
2855.4	2725.4	12.66	8.68	7.44	2855.4	2725.4	8.32	15.87	19.56	2855.4	2725.4	-1.61	-0.28	-0.09
2915.9	2785.9	14.58	8.86	7.42	2915.9	2785.9	4.87	14.70	17.08	2915.9	2785.9	-3.02	-0.34	-0.22
2976.5	2846.5	15.73	8.94	7.22	2976.5	2846.5	3.85	14.04	16.96	2976.5	2846.5	-4.09	-0.28	-0.13
3016.8	2886.8	16.39	8.90	6.98	3016.8	2886.8	2.36	12.14	14.47	3016.8	2886.8	-4.71	-0.55	-0.09
3077.3	2947.3	19.14	9.27	6.91	3077.3	2947.3	0.14	10.08	12.74	3077.3	2947.3	-6.84	-0.54	0.01
3117.7	2987.7	18.05	8.70	6.43	3117.7	2987.7	0.31	9.23	13.41	3117.7	2987.7	-6.51	-0.40	0.11
3178.2	3048.2	22.05	9.50	6.23	3178.2	3048.2	-1.98	8.29	15.63	3178.2	3048.2	-9.70	-0.63	0.34
3218.6	3088.6	19.73	8.54	5.85	3218.6	3088.6	-1.30	8.54	17.16	3218.6	3088.6	-8.13	-0.23	0.32
3279.1	3149.1	23.80	10.18	5.98	3279.1	3149.1	-2.66	8.13	16.27	3279.1	3149.1	-11.17	-1.12	0.35
3319.5	3189.5	20.71	8.98	5.66	3319.5	3189.5	-1.34	9.10	16.79	3319.5	3189.5	-8.96	-0.61	0.30
3380.0	3250.0	24.13	10.96	5.99	3380.0	3250.0	-3.20	6.77	14.27	3380.0	3250.0	-11.98	-2.04	0.35

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Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2080MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1149.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
1070.0	1010.0	10.54	10.1	1160.0	7.81	1330.1	1680.0	10.56
1020.7	1059.3	9.17	50.6	1200.5	7.43	1289.5	1720.6	9.98
971.4	1108.6	8.69	91.0	1240.9	7.10	1248.9	1761.2	9.26
922.1	1157.9	8.53	131.5	1281.4	6.81	1208.3	1801.8	8.98
872.8	1207.2	8.82	171.9	1321.8	6.53	1167.6	1842.5	8.88
823.5	1256.5	8.71	212.4	1362.3	6.28	1127.0	1883.1	8.76
774.2	1305.8	8.76	252.9	1402.8	6.13	1086.4	1923.7	8.60
724.9	1355.1	8.68	293.3	1443.2	6.11	1045.8	1964.3	8.40
675.6	1404.4	8.95	333.8	1483.7	6.20	1005.2	2004.9	8.56
626.3	1453.7	9.15	374.2	1524.1	6.54	964.6	2045.5	8.68
577.0	1503.0	9.31	414.7	1564.6	6.59	923.9	2086.2	8.91
527.7	1552.3	8.92	455.2	1605.1	6.71	883.3	2126.8	9.02
478.4	1601.6	8.55	495.6	1645.5	6.86	842.7	2167.4	9.11
429.1	1650.9	8.22	536.1	1686.0	7.02	802.1	2208.0	9.38
379.8	1700.2	8.10	576.5	1726.4	7.13	761.5	2248.6	9.48
330.5	1749.5	7.69	617.0	1766.9	7.17	741.2	2268.9	9.70
281.2	1798.8	7.48	657.5	1807.4	7.12	700.6	2309.5	10.05
231.9	1848.1	7.20	697.9	1847.8	6.99	680.3	2329.8	9.96
182.6	1897.4	7.10	738.4	1888.3	6.80	639.6	2370.5	10.17
133.3	1946.7	6.73	778.8	1928.7	6.52	619.3	2390.8	10.14
84.0	1996.0	6.80	819.3	1969.2	6.47	578.7	2431.4	9.48
34.7	2045.3	6.78	859.8	2009.7	6.63	558.4	2451.7	9.52
10.0	2090.0	6.90	900.2	2050.1	6.74	517.8	2492.3	9.43
56.0	2136.0	7.04	960.9	2110.8	6.85	497.5	2512.6	9.13
86.7	2166.7	7.20	1001.4	2151.3	6.93	456.9	2553.2	8.96
132.8	2212.8	7.40	1062.1	2212.0	7.31	436.6	2573.5	8.76
163.5	2243.5	7.65	1102.5	2252.4	7.59	395.9	2614.2	8.30
209.5	2289.5	8.23	1163.2	2313.1	8.18	375.6	2634.5	8.23
240.2	2320.2	8.48	1203.7	2353.6	8.37	335.0	2675.1	8.41
286.3	2366.3	8.90	1264.4	2414.3	8.80	314.7	2695.4	8.42
317.0	2397.0	8.94	1304.8	2454.7	9.08	274.1	2736.0	8.59
363.0	2443.0	8.98	1365.5	2515.4	9.38	253.8	2756.3	8.84
393.7	2473.7	9.64	1406.0	2555.9	9.56	213.2	2796.9	8.83
439.8	2519.8	9.84	1466.7	2616.6	9.20	192.9	2817.2	8.58
470.5	2550.5	10.11	1507.1	2657.0	9.39	152.3	2857.8	9.00
516.5	2596.5	10.09	1567.8	2717.7	9.35	131.9	2878.2	9.11
547.2	2627.2	9.89	1608.3	2758.2	9.71	91.3	2918.8	8.72
593.3	2673.3	10.19	1669.0	2818.9	9.86	71.0	2939.1	9.11
624.0	2704.0	10.28	1709.4	2859.3	10.33	30.4	2979.7	9.22
670.0	2750.0	10.54	1770.1	2920.0	10.54	10.1	3000.0	8.75

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
970.0	44.22	37.41	33.45	15.45	16.01	17.80
1030.5	41.25	34.70	32.63	14.41	15.67	18.10
1091.1	40.05	35.88	34.09	14.01	15.97	18.52
1151.6	42.09	39.36	37.41	14.33	16.60	19.13
1212.1	45.29	43.71	42.26	15.08	17.47	20.03
1272.7	48.66	47.13	45.28	15.95	18.34	20.82
1333.2	47.98	46.55	43.78	16.94	19.16	21.30
1393.7	44.45	44.07	42.31	18.06	19.94	21.29
1454.2	41.85	41.72	40.39	19.03	20.45	21.23
1514.8	39.85	40.14	39.45	19.91	20.68	21.12
1575.3	39.15	38.80	37.86	20.92	21.23	21.50
1635.8	36.89	36.09	35.68	23.15	23.44	23.28
1696.4	36.81	36.08	35.70	25.29	23.99	22.56
1756.9	36.82	36.42	36.32	25.64	23.91	22.66
1817.4	36.90	37.01	37.52	24.93	23.83	22.76
1878.0	37.58	37.87	38.28	23.73	23.58	22.99
1938.5	38.44	39.32	39.43	21.56	22.14	22.39
1999.0	38.25	38.57	38.59	18.66	20.09	21.25
2059.6	38.37	38.25	38.18	16.25	18.03	19.83
2120.1	39.21	38.92	38.51	14.20	16.18	18.16
2180.6	40.46	39.79	38.81	13.00	14.88	16.74
2241.2	42.92	41.74	39.61	12.85	14.67	16.27
2301.7	45.01	44.63	41.16	13.43	15.13	16.48
2362.2	48.87	48.48	43.22	14.99	16.38	17.21
2422.7	54.80	53.13	45.74	16.77	17.88	18.12
2483.3	61.78	53.39	47.51	18.77	19.68	19.66
2543.8	59.37	50.06	47.12	20.96	20.98	20.66
2604.3	64.10	55.09	49.31	23.33	22.42	21.40
2664.9	55.06	46.89	43.49	26.04	23.73	21.71
2725.4	56.83	46.96	42.15	28.96	25.92	23.53
2785.9	56.15	48.82	42.48	32.04	27.54	23.99
2846.5	53.90	48.68	43.17	34.70	28.59	24.50
2886.8	51.83	47.59	43.49	35.94	28.70	24.82
2947.3	49.80	47.26	44.54	36.78	30.03	25.74
2987.7	48.22	46.68	47.10	35.81	29.76	26.03
3048.2	46.71	45.74	49.32	35.03	31.13	27.10
3088.6	45.66	45.28	45.44	33.88	30.62	26.84
3149.1	44.78	43.63	43.02	32.80	30.82	26.94
3189.5	44.32	44.18	43.04	31.87	29.79	26.43
3250.0	43.75	43.51	41.51	30.96	29.58	26.14

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1100.0	970.0	28.62	19.93	15.09
1160.5	1030.5	27.81	19.70	16.88
1221.1	1091.1	25.27	21.11	19.14
1281.6	1151.6	26.04	23.35	21.91
1342.1	1212.1	27.60	25.86	24.97
1402.7	1272.7	29.72	28.37	26.91
1463.2	1333.2	30.91	29.00	26.84
1523.7	1393.7	32.52	29.70	27.55
1584.2	1454.2	32.95	29.02	26.59
1644.8	1514.8	31.43	27.91	25.47
1705.3	1575.3	30.06	26.77	24.63
1765.8	1635.8	30.24	26.14	23.53
1826.4	1696.4	29.43	25.31	23.33
1886.9	1756.9	27.35	24.93	23.43
1947.4	1817.4	25.54	23.71	22.37
2008.0	1878.0	24.82	23.36	22.27
2068.5	1938.5	24.81	23.41	22.78
2129.0	1999.0	26.20	25.42	25.01
2189.6	2059.6	29.57	29.13	28.84
2250.1	2120.1	34.25	34.03	33.89
2310.6	2180.6	32.17	31.00	30.30
2371.2	2241.2	27.92	26.40	25.69
2431.7	2301.7	25.71	23.94	22.93
2492.2	2362.2	24.29	22.74	21.65
2552.7	2422.7	23.09	21.38	20.43
2613.3	2483.3	23.00	21.41	20.07
2673.8	2543.8	22.16	20.80	19.59
2734.3	2604.3	21.71	19.90	18.73
2794.9	2664.9	21.91	19.69	18.19
2855.4	2725.4	21.65	19.74	18.71
2915.9	2785.9	21.88	19.99	18.83
2976.5	2846.5	21.88	20.52	19.37
3037.0	2907.0	21.79	20.67	19.60
3097.5	2967.5	21.77	21.53	20.21
3158.0	3028.0	21.79	21.76	20.15
3218.6	3088.6	21.73	22.09	20.48
3279.1	3149.1	21.87	21.99	20.39
3339.5	3209.5	22.07	22.80	21.05
3399.9	3269.9	22.41	22.90	21.08
3460.3	3330.3	22.95	23.24	21.80

Frequency Mixer

MCA1-ED12376/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=3000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1100.0	970.0	8.47	4.99	3.33	970.0	15.96	11.31	6.53	10.0	6.35	1.89	1.07
1160.5	1030.5	6.28	4.24	3.52	1030.5	10.89	5.99	4.34	90.0	6.66	1.97	1.09
1221.1	1091.1	4.75	3.86	3.53	1091.1	6.15	3.68	3.25	170.0	6.89	2.05	1.15
1281.6	1151.6	4.21	3.61	3.31	1151.6	3.86	2.69	2.66	250.0	7.14	2.17	1.25
1342.1	1212.1	3.95	3.43	3.10	1212.1	2.80	2.11	2.22	330.0	7.56	2.35	1.38
1402.7	1272.7	3.86	3.29	2.92	1272.7	2.40	1.76	1.87	410.0	8.05	2.59	1.56
1463.2	1333.2	3.86	3.22	2.79	1333.2	2.31	1.57	1.65	490.0	8.51	2.90	1.75
1523.7	1393.7	3.88	3.24	2.83	1393.7	2.26	1.51	1.57	570.0	9.04	3.28	1.98
1584.2	1454.2	3.92	3.28	2.90	1454.2	2.29	1.52	1.57	650.0	9.79	3.70	2.25
1644.8	1514.8	4.01	3.39	2.96	1514.8	2.43	1.60	1.64	730.0	10.25	4.06	2.51
1705.3	1575.3	3.94	3.29	2.90	1575.3	2.40	1.70	1.78	810.0	10.62	4.38	2.75
1765.8	1635.8	3.95	3.26	2.82	1635.8	2.31	1.72	1.84	890.0	10.89	4.67	2.97
1826.4	1696.4	3.99	3.26	2.84	1696.4	2.25	1.78	1.95	970.0	10.69	4.84	3.14
1886.9	1756.9	3.81	3.17	2.79	1756.9	2.09	1.77	2.04	1050.0	10.25	4.84	3.18
1947.4	1817.4	3.71	3.08	2.66	1817.4	1.89	1.72	2.04	1130.0	9.69	4.75	3.16
2008.0	1878.0	3.59	2.96	2.55	1878.0	1.68	1.60	2.01	1210.0	9.53	4.73	3.12
2068.5	1938.5	3.37	2.74	2.48	1938.5	1.44	1.43	1.93	1290.0	9.58	4.78	3.08
2129.0	1999.0	3.30	2.86	2.63	1999.0	1.18	1.32	1.91	1370.0	9.58	4.80	3.10
2189.6	2059.6	3.54	3.07	2.82	2059.6	1.24	1.43	2.03	1450.0	9.48	4.75	3.23
2250.1	2120.1	3.68	3.19	2.92	2120.1	1.49	1.58	2.11	1510.0	9.08	4.62	3.37
2310.6	2180.6	3.88	3.34	3.04	2180.6	1.83	1.83	2.26	1590.0	8.16	4.43	3.69
2371.2	2241.2	4.08	3.43	3.08	2241.2	2.20	2.12	2.50	1650.0	7.25	4.30	4.01
2431.7	2301.7	4.35	3.56	3.13	2301.7	2.61	2.40	2.67	1730.0	5.91	4.22	4.69
2492.2	2362.2	4.29	3.52	3.07	2362.2	2.95	2.65	2.84	1790.0	4.73	4.21	5.23
2552.7	2422.7	3.96	3.12	2.77	2422.7	3.49	2.88	2.94	1870.0	3.58	4.74	6.28
2613.3	2483.3	4.48	3.61	3.08	2483.3	4.27	3.28	3.16	1930.0	3.45	5.44	6.97
2673.8	2543.8	4.75	3.96	3.45	2543.8	4.67	3.44	3.29	2010.0	4.83	6.51	7.44
2734.3	2604.3	5.16	4.09	3.60	2604.3	5.89	3.76	3.34	2070.0	5.68	6.39	6.81
2794.9	2664.9	5.68	4.05	3.48	2664.9	7.31	4.35	3.45	2150.0	4.87	5.20	5.39
2855.4	2725.4	5.47	3.92	3.39	2725.4	7.94	4.79	3.85	2210.0	4.27	4.43	4.59
2915.9	2785.9	6.09	3.91	3.31	2785.9	9.53	5.44	3.88	2290.0	4.39	4.55	4.75
2976.5	2846.5	6.32	3.82	3.14	2846.5	10.37	5.95	3.88	2350.0	5.30	5.38	5.56
3037.1	2907.1	6.49	3.73	3.02	2907.1	10.89	6.24	3.82	2430.0	7.05	6.68	6.73
3097.7	2967.7	7.44	3.85	2.84	2967.7	11.77	7.20	3.90	2490.0	8.08	7.28	7.17
3158.3	3028.3	6.81	3.56	2.50	3028.3	11.85	7.08	3.83	2570.0	9.08	7.50	7.17
3178.2	3048.2	7.63	3.62	2.15	3048.2	12.61	8.47	4.39	2630.0	9.58	7.34	6.73
3218.6	3088.6	6.71	3.14	1.85	3088.6	12.44	8.23	4.46	2710.0	9.69	6.71	5.83
3279.1	3149.1	7.38	3.52	1.80	3149.1	12.99	9.79	5.20	2770.0	9.38	6.09	5.07
3319.5	3189.5	6.37	2.93	1.62	3189.5	12.52	9.38	4.93	2850.0	8.72	5.20	4.02
3380.0	3250.0	6.63	3.31	1.60	3250.0	12.71	10.37	5.46	2910.0	8.39	4.73	3.44

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+5	17	11	20	9	38	20	38	37	50
1	-	17	+0	23	14	38	27	26	43	39	48	61
2	77	58	55	59	71	70	55	59	54	67	60	>73
3	>90	>73	>73	>73	66	72	67	>73	68	>73	>73	>73
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
5	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
6	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
8	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
9	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
10	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 2080 MHz; -10.00 dBm.

LO IN: 1950 MHz; +10.00 dBm

IF OUT: 130 MHz; -16.8 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	28	22	32	20	51	31	50	49	63
1	-	17	+0	23	15	39	27	27	43	42	52	62
2	57	49	46	50	62	58	45	48	45	58	52	75
3	>90	60	54	65	46	53	46	61	47	55	58	63
4	>90	>83	73	75	75	70	71	73	72	71	83	78
5	>90	>83	83	>83	83	>83	77	>83	>83	>83	>83	82
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	81	>83	82	>83	>83	>83	>83
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 2080 MHz; 0.00 dBm.

LO IN: 1950 MHz; +10.00 dBm

IF OUT: 130 MHz; -6.9 dBm

Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.

2. + entry denotes harmonics are in (dBc) above IF OUTPUT.

3. RF Cal represent the Harmonics level of the RF input signal to the mixer.

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