

Frequency Mixer

ADE-ED12873/12

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=930MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+2dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+7	+10	+13			+7	+10	+13			+7	+10	+13
1330.0	2260.0	11.01	10.47	10.02	1330.0	2260.0	14.00	15.78	16.40	1330.0	2260.0	-0.44	-0.33	-0.16
1390.0	2320.0	10.20	9.78	9.41	1390.0	2320.0	12.32	13.10	14.01	1390.0	2320.0	-0.33	-0.30	-0.21
1450.0	2380.0	9.05	8.68	8.39	1450.0	2380.0	11.87	12.84	12.97	1450.0	2380.0	-0.15	-0.10	-0.04
1510.0	2440.0	8.14	7.81	7.65	1510.0	2440.0	13.46	13.38	13.45	1510.0	2440.0	0.13	0.16	0.20
1570.0	2500.0	7.15	6.86	6.76	1570.0	2500.0	14.59	15.29	14.59	1570.0	2500.0	0.56	0.57	0.59
1630.0	2560.0	6.48	6.20	6.12	1630.0	2560.0	13.89	14.55	13.47	1630.0	2560.0	0.92	0.90	0.97
1690.0	2620.0	6.41	6.03	5.91	1690.0	2620.0	12.82	13.73	13.48	1690.0	2620.0	1.03	1.06	1.14
1750.0	2680.0	6.21	5.79	5.64	1750.0	2680.0	12.76	15.45	15.96	1750.0	2680.0	1.04	1.13	1.21
1810.0	2740.0	6.13	5.70	5.53	1810.0	2740.0	12.98	14.87	16.12	1810.0	2740.0	1.13	1.25	1.31
1870.0	2800.0	6.11	5.71	5.50	1870.0	2800.0	13.16	14.10	15.17	1870.0	2800.0	1.04	1.23	1.34
1930.0	2860.0	6.13	5.83	5.57	1930.0	2860.0	12.15	14.37	14.17	1930.0	2860.0	0.91	1.00	1.20
1990.0	2920.0	6.15	6.03	5.86	1990.0	2920.0	12.09	11.87	13.56	1990.0	2920.0	0.89	0.80	0.95
2050.0	2980.0	5.94	5.91	5.92	2050.0	2980.0	12.23	12.11	13.66	2050.0	2980.0	1.04	0.85	0.85
2110.0	3040.0	5.99	5.87	5.88	2110.0	3040.0	13.22	13.60	14.35	2110.0	3040.0	1.02	0.86	0.81
2170.0	3100.0	5.97	5.81	5.79	2170.0	3100.0	14.67	15.16	15.75	2170.0	3100.0	1.06	0.86	0.74
2230.0	3160.0	5.82	5.67	5.68	2230.0	3160.0	14.66	15.19	15.46	2230.0	3160.0	1.04	0.78	0.67
2290.0	3220.0	5.90	5.73	5.75	2290.0	3220.0	15.03	15.54	15.16	2290.0	3220.0	0.93	0.68	0.56
2350.0	3280.0	5.84	5.74	5.80	2350.0	3280.0	14.07	14.60	14.58	2350.0	3280.0	0.98	0.73	0.60
2410.0	3340.0	5.93	5.79	5.82	2410.0	3340.0	12.77	13.50	14.20	2410.0	3340.0	0.89	0.72	0.60
2470.0	3400.0	6.04	5.83	5.81	2470.0	3400.0	12.02	13.11	13.53	2470.0	3400.0	0.87	0.71	0.60
2510.0	3440.0	5.90	5.80	5.84	2510.0	3440.0	12.23	13.00	13.27	2510.0	3440.0	0.90	0.66	0.58
2570.0	3500.0	5.93	5.94	6.06	2570.0	3500.0	11.53	12.79	13.21	2570.0	3500.0	0.97	0.61	0.49
2610.0	3540.0	5.93	6.11	6.33	2610.0	3540.0	11.48	13.12	14.29	2610.0	3540.0	0.92	0.53	0.40
2670.0	3600.0	6.10	6.50	6.90	2670.0	3600.0	11.11	12.69	14.72	2670.0	3600.0	0.91	0.40	0.28
2710.0	3640.0	6.00	6.53	7.12	2710.0	3640.0	11.52	12.61	14.95	2710.0	3640.0	0.95	0.42	0.23
2770.0	3700.0	5.80	6.26	6.95	2770.0	3700.0	10.05	11.71	13.85	2770.0	3700.0	1.35	0.74	0.37
2810.0	3740.0	5.66	6.13	6.82	2810.0	3740.0	9.92	11.79	13.69	2810.0	3740.0	1.40	0.84	0.44
2870.0	3800.0	5.97	6.39	7.06	2870.0	3800.0	11.05	12.38	13.36	2870.0	3800.0	1.41	0.90	0.57
2910.0	3840.0	6.05	6.55	7.23	2910.0	3840.0	11.63	12.68	14.01	2910.0	3840.0	1.25	0.79	0.52
2970.0	3900.0	6.32	6.84	7.64	2970.0	3900.0	11.15	13.09	14.87	2970.0	3900.0	1.32	0.78	0.47
3010.0	3940.0	6.37	6.82	7.55	3010.0	3940.0	11.05	12.94	14.63	3010.0	3940.0	1.27	0.83	0.49
3070.0	4000.0	6.89	7.10	7.55	3070.0	4000.0	11.34	13.40	14.88	3070.0	4000.0	1.38	0.93	0.63
3110.0	4040.0	7.18	7.35	7.64	3110.0	4040.0	12.23	13.61	15.00	3110.0	4040.0	1.35	0.89	0.57
3170.0	4100.0	8.15	8.28	8.50	3170.0	4100.0	12.83	13.67	14.83	3170.0	4100.0	1.05	0.57	0.34
3210.0	4140.0	8.67	8.79	8.91	3210.0	4140.0	12.49	14.49	16.16	3210.0	4140.0	0.79	0.36	0.21
3270.0	4200.0	9.43	9.59	9.63	3270.0	4200.0	13.90	17.86	17.79	3270.0	4200.0	0.43	0.15	0.10
3310.0	4240.0	9.50	9.71	9.83	3310.0	4240.0	13.59	20.65	20.58	3310.0	4240.0	0.34	0.07	0.05
3370.0	4300.0	9.41	9.51	9.77	3370.0	4300.0	13.04	17.39	20.62	3370.0	4300.0	0.48	0.08	0.02
3410.0	4340.0	9.48	9.33	9.54	3410.0	4340.0	12.99	16.75	19.36	3410.0	4340.0	0.49	0.10	0.04
3470.0	4400.0	9.99	9.24	9.32	3470.0	4400.0	15.95	16.03	19.83	3470.0	4400.0	0.25	0.11	0.04

Frequency Mixer

ADE-ED12873/12

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2400MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1989.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2810.1001MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
1860.0	540.0	10.34	10.1	2000.0	5.80	1930.1	880.0	10.69
1760.5	639.5	9.02	50.1	2040.0	5.28	1889.7	920.4	9.92
1661.1	738.9	7.60	90.1	2080.0	5.19	1849.3	960.8	9.24
1561.6	838.4	6.89	130.1	2120.0	5.21	1808.8	1001.3	8.66
1462.2	937.8	6.11	170.1	2160.0	5.25	1768.4	1041.7	8.15
1362.7	1037.3	5.95	210.1	2200.0	5.27	1728.0	1082.1	7.84
1263.2	1136.8	5.56	250.1	2240.0	5.30	1687.6	1122.5	7.60
1163.8	1236.2	5.62	310.1	2300.0	5.48	1626.9	1183.2	7.06
1064.3	1335.7	5.73	350.1	2340.0	5.59	1586.5	1223.6	6.66
964.8	1435.2	5.94	410.1	2400.0	5.65	1525.9	1284.2	6.22
865.4	1534.6	5.69	450.1	2440.0	5.58	1485.5	1324.6	6.11
765.9	1634.1	6.28	510.1	2500.0	5.32	1424.8	1385.3	5.86
666.5	1733.5	5.85	550.1	2540.0	5.22	1384.4	1425.7	6.01
567.0	1833.0	5.70	610.1	2600.0	5.24	1323.8	1486.3	6.35
467.5	1932.5	5.53	650.1	2640.0	5.28	1283.4	1526.7	6.32
368.1	2031.9	5.31	710.1	2700.0	5.37	1222.7	1587.4	6.07
268.6	2131.4	5.48	750.1	2740.0	5.34	1182.3	1627.8	6.20
169.1	2230.9	5.47	810.1	2800.0	5.58	1121.7	1688.4	6.64
69.7	2330.3	5.36	850.1	2840.0	5.68	1081.3	1728.8	6.65
30.3	2430.3	5.39	910.1	2900.0	5.80	1020.6	1789.5	6.19
131.9	2531.9	5.32	950.1	2940.0	5.85	980.2	1829.9	6.12
233.5	2633.5	5.35	1010.1	3000.0	5.91	919.6	1890.5	6.03
335.2	2735.2	5.39	1050.1	3040.0	5.76	879.2	1930.9	5.94
436.8	2836.8	5.45	1110.1	3100.0	5.61	818.5	1991.6	6.00
518.1	2918.1	5.48	1150.1	3140.0	5.72	778.1	2032.0	6.22
619.7	3019.7	5.74	1210.1	3200.0	6.20	717.5	2092.6	6.33
701.0	3101.0	5.88	1250.1	3240.0	6.16	677.0	2133.1	6.47
802.6	3202.6	5.52	1310.1	3300.0	6.17	616.4	2193.7	6.44
883.9	3283.9	5.61	1350.1	3340.0	6.34	576.0	2234.1	6.39
985.5	3385.5	5.94	1410.1	3400.0	7.06	515.4	2294.7	6.36
1066.8	3466.8	6.17	1450.1	3440.0	7.29	474.9	2335.2	6.29
1168.4	3568.4	6.68	1510.1	3500.0	7.39	414.3	2395.8	6.23
1249.7	3649.7	6.94	1550.1	3540.0	7.50	373.9	2436.2	6.20
1351.3	3751.3	6.77	1610.1	3600.0	7.95	313.3	2496.8	6.27
1432.6	3832.6	6.57	1650.1	3640.0	7.88	272.8	2537.3	6.33
1534.2	3934.2	6.38	1710.1	3700.0	7.82	212.2	2597.9	6.45
1615.5	4015.5	6.33	1750.1	3740.0	7.84	171.8	2638.3	6.54
1717.1	4117.1	6.83	1810.1	3800.0	8.37	111.2	2698.9	6.52
1798.4	4198.4	8.03	1850.1	3840.0	8.85	70.7	2739.4	6.46
1900.0	4300.0	9.96	1910.1	3900.0	10.06	10.1	2800.0	6.86

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
2260.0	31.39	30.13	29.15	19.73	18.64	17.91
2320.0	33.08	31.45	30.18	21.23	20.11	19.40
2380.0	35.45	33.33	31.84	22.62	21.47	20.79
2440.0	36.38	33.91	32.41	24.09	22.94	22.28
2500.0	37.16	33.98	32.31	25.36	24.13	23.41
2560.0	44.45	37.79	34.78	26.72	25.36	24.57
2620.0	51.26	41.20	36.94	27.76	26.64	25.79
2680.0	52.28	42.52	38.35	29.01	27.90	27.22
2740.0	68.30	46.56	40.97	30.48	29.53	28.84
2800.0	51.66	48.97	43.65	32.17	30.89	30.42
2860.0	44.52	49.40	46.18	34.37	32.65	31.87
2920.0	40.05	43.42	45.39	37.73	35.39	34.20
2980.0	39.42	42.18	44.03	41.39	38.74	37.03
3040.0	39.25	42.00	43.85	43.49	42.65	40.83
3100.0	40.32	42.03	42.61	43.95	44.55	44.00
3160.0	42.25	42.88	42.36	43.86	44.92	45.24
3220.0	39.51	40.24	40.28	45.16	46.92	47.91
3280.0	36.23	37.32	37.77	47.54	49.51	49.98
3340.0	35.63	36.67	37.22	48.31	50.05	49.37
3400.0	35.07	36.03	36.44	47.54	48.56	47.23
3440.0	34.61	35.42	35.73	46.92	46.89	45.31
3500.0	33.44	34.16	34.72	46.55	45.70	44.00
3540.0	32.79	33.36	33.91	46.74	44.30	42.39
3600.0	33.52	33.45	33.88	47.07	44.71	42.09
3640.0	34.41	34.02	33.96	46.72	44.74	41.41
3700.0	36.05	35.23	34.65	43.60	44.79	41.58
3740.0	36.51	35.68	34.94	43.24	43.63	40.75
3800.0	36.40	35.66	34.80	42.37	42.81	39.93
3840.0	35.77	35.30	34.69	42.85	42.23	39.56
3900.0	34.96	34.56	34.11	43.22	41.96	38.86
3940.0	34.54	34.17	33.78	44.43	41.68	38.42
4000.0	34.95	34.40	33.83	45.90	42.30	38.03
4040.0	35.58	35.00	34.31	46.75	42.45	37.80
4100.0	35.81	35.09	34.45	46.43	43.58	37.76
4140.0	35.18	34.44	34.04	47.10	43.57	37.74
4200.0	34.70	33.82	33.55	46.23	45.24	38.28
4240.0	34.42	33.60	33.31	46.67	45.52	38.32
4300.0	34.34	33.64	33.20	45.55	46.62	38.29
4340.0	34.86	33.83	33.60	44.84	45.43	38.35
4400.0	34.97	34.10	33.75	42.84	46.62	38.29

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1330.0	2260.0	26.48	26.14	25.75
1390.0	2320.0	25.97	25.91	25.72
1450.0	2380.0	24.63	24.40	24.10
1510.0	2440.0	22.73	22.40	22.01
1570.0	2500.0	20.41	20.28	20.14
1630.0	2560.0	18.41	18.38	18.40
1690.0	2620.0	16.54	16.71	16.80
1750.0	2680.0	15.43	15.62	15.79
1810.0	2740.0	14.81	14.99	15.21
1870.0	2800.0	14.80	15.11	15.32
1930.0	2860.0	14.72	14.99	15.17
1990.0	2920.0	15.13	15.43	15.53
2050.0	2980.0	15.75	15.85	15.83
2110.0	3040.0	16.24	16.23	16.12
2170.0	3100.0	16.45	16.40	16.31
2230.0	3160.0	16.54	16.44	16.28
2290.0	3220.0	16.47	16.35	16.06
2350.0	3280.0	16.38	16.09	15.85
2410.0	3340.0	16.20	15.80	15.53
2470.0	3400.0	16.02	15.57	15.24
2510.0	3440.0	15.65	15.19	14.91
2570.0	3500.0	15.37	14.76	14.54
2610.0	3540.0	14.97	14.44	14.23
2670.0	3600.0	14.84	14.22	13.96
2710.0	3640.0	14.83	14.27	14.02
2770.0	3700.0	14.98	14.61	14.44
2810.0	3740.0	14.59	14.46	14.45
2870.0	3800.0	13.90	13.86	14.01
2910.0	3840.0	13.81	13.77	13.90
2970.0	3900.0	13.42	13.63	13.87
3010.0	3940.0	13.45	13.79	14.08
3070.0	4000.0	13.07	13.51	13.83
3110.0	4040.0	12.83	13.21	13.45
3170.0	4100.0	12.64	13.03	13.30
3210.0	4140.0	12.61	12.96	13.18
3270.0	4200.0	12.98	13.34	13.49
3310.0	4240.0	13.33	13.67	13.75
3370.0	4300.0	13.47	14.02	14.16
3410.0	4340.0	13.41	14.21	14.31
3470.0	4400.0	13.32	14.36	14.72

Frequency Mixer

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=3330MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1330.0	2260.0	9.23	8.60	8.05	2260.0	1.55	2.24	3.07	10.0	2.41	2.04	1.77
1390.0	2320.0	7.28	6.91	6.58	2320.0	1.53	2.19	2.97	50.4	2.33	1.98	1.73
1450.0	2380.0	5.95	5.63	5.36	2380.0	1.60	2.32	3.17	90.9	2.48	2.13	1.87
1510.0	2440.0	4.68	4.37	4.14	2440.0	1.57	2.26	3.08	131.3	2.33	2.02	1.80
1570.0	2500.0	3.45	3.17	2.98	2500.0	1.57	2.24	3.04	171.8	2.37	2.05	1.85
1630.0	2560.0	2.86	2.65	2.48	2560.0	1.66	2.33	3.17	212.2	2.27	1.98	1.80
1690.0	2620.0	2.33	2.19	2.07	2620.0	1.70	2.28	3.04	252.6	2.20	1.93	1.76
1750.0	2680.0	1.77	1.69	1.64	2680.0	1.83	2.42	3.21	293.1	2.17	1.91	1.75
1810.0	2740.0	1.46	1.38	1.35	2740.0	1.88	2.43	3.20	333.5	2.05	1.80	1.65
1870.0	2800.0	1.30	1.19	1.15	2800.0	1.96	2.47	3.20	374.0	2.04	1.79	1.65
1930.0	2860.0	1.28	1.15	1.05	2860.0	2.05	2.57	3.33	414.4	1.92	1.68	1.54
1990.0	2920.0	1.38	1.24	1.15	2920.0	2.06	2.51	3.22	454.8	1.91	1.66	1.52
2050.0	2980.0	1.51	1.35	1.24	2980.0	2.11	2.55	3.24	495.3	1.79	1.57	1.44
2110.0	3040.0	1.59	1.47	1.35	3040.0	2.13	2.57	3.30	535.7	1.78	1.56	1.43
2170.0	3100.0	1.59	1.49	1.39	3100.0	2.10	2.46	3.13	576.2	1.65	1.47	1.37
2230.0	3160.0	1.59	1.48	1.38	3160.0	2.19	2.55	3.24	636.8	1.61	1.46	1.38
2290.0	3220.0	1.55	1.44	1.34	3220.0	2.36	2.61	3.24	677.3	1.47	1.38	1.35
2350.0	3280.0	1.51	1.40	1.32	3280.0	2.56	2.71	3.23	737.9	1.44	1.37	1.36
2410.0	3340.0	1.51	1.40	1.33	3340.0	2.73	2.86	3.40	778.4	1.35	1.32	1.36
2470.0	3400.0	1.46	1.35	1.30	3400.0	2.85	2.84	3.27	839.0	1.34	1.40	1.48
2510.0	3440.0	1.46	1.36	1.34	3440.0	2.95	2.99	3.47	879.5	1.26	1.37	1.48
2570.0	3500.0	1.41	1.35	1.37	3500.0	3.07	2.94	3.29	940.1	1.29	1.42	1.52
2610.0	3540.0	1.45	1.46	1.51	3540.0	3.16	3.09	3.48	980.5	1.28	1.42	1.53
2670.0	3600.0	1.57	1.67	1.78	3600.0	3.31	3.08	3.34	1041.2	1.32	1.51	1.66
2710.0	3640.0	1.72	1.90	2.08	3640.0	3.40	3.21	3.52	1081.6	1.32	1.50	1.64
2770.0	3700.0	1.67	1.88	2.15	3700.0	3.56	3.19	3.39	1142.3	1.39	1.56	1.68
2810.0	3740.0	1.66	1.91	2.20	3740.0	3.64	3.31	3.55	1182.7	1.38	1.55	1.67
2870.0	3800.0	1.63	1.88	2.14	3800.0	3.87	3.32	3.45	1243.4	1.40	1.59	1.72
2910.0	3840.0	1.85	2.14	2.41	3840.0	3.90	3.39	3.52	1283.8	1.42	1.60	1.72
2970.0	3900.0	1.90	2.25	2.55	3900.0	4.15	3.39	3.42	1344.5	1.44	1.61	1.71
3010.0	3940.0	2.05	2.34	2.62	3940.0	4.14	3.42	3.47	1384.9	1.42	1.58	1.68
3070.0	4000.0	2.06	2.27	2.44	4000.0	4.36	3.33	3.29	1445.6	1.39	1.55	1.65
3110.0	4040.0	2.28	2.44	2.55	4040.0	4.29	3.24	3.18	1486.0	1.44	1.60	1.68
3170.0	4100.0	2.68	2.86	2.99	4100.0	4.52	3.08	2.93	1546.7	1.54	1.69	1.78
3210.0	4140.0	3.14	3.38	3.50	4140.0	4.54	3.04	2.85	1587.1	1.58	1.72	1.80
3270.0	4200.0	3.65	4.05	4.19	4200.0	5.33	3.32	2.95	1647.8	1.74	1.85	1.90
3310.0	4240.0	4.03	4.53	4.74	4240.0	5.85	3.52	3.00	1688.2	1.94	2.04	2.09
3370.0	4300.0	4.01	4.63	4.99	4300.0	6.91	3.83	3.08	1748.9	2.42	2.50	2.53
3410.0	4340.0	4.27	4.92	5.30	4340.0	7.44	3.99	3.05	1789.3	2.80	2.86	2.87
3470.0	4400.0	4.63	5.13	5.54	4400.0	8.01	4.27	3.12	1850.0	3.40	3.42	3.39

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	21	12	3	10	19	37	24	---	---	---
	1	-	10	+0	30	29	27	25	45	>71	---	---	---
	2	87	56	47	59	54	60	54	66	55	>71	---	---
	3	>90	>71	>71	>71	>71	>71	70	>71	>71	>71	>71	---
	4	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	5	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	6	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	7	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	8	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	9	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	10	---	---	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2400 MHz; -13.00 dBm.

LO IN: 3330 MHz; +10.00 dBm

IF OUT: 930 MHz; -18.99 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)											
	0	-	-	32	22	14	22	30	50	38	---	---	---
	1	-	10	+0	30	30	29	26	48	75	---	---	---
	2	67	46	39	48	44	51	45	59	45	69	---	---
	3	>90	65	64	53	65	66	51	66	65	78	68	---
	4	>90	65	71	72	59	70	62	57	64	68	80	>81
	5	>90	70	>81	79	78	75	>81	>81	>81	>81	>81	>81
	6	>90	>81	>81	>81	>81	79	>81	>81	78	77	>81	>81
	7	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	10	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2400 MHz; -3.00 dBm.

LO IN: 3330 MHz; +10.00 dBm

IF OUT: 930 MHz; -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.