

Frequency Mixer

MCA-50LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
330.0	360.0	11.73	10.23	9.64
430.0	460.0	9.76	8.74	8.28
630.0	660.0	7.67	6.91	6.44
830.0	860.0	7.11	6.20	5.66
1030.0	1060.0	7.12	6.21	5.66
1230.0	1260.0	6.85	6.22	5.90
1430.0	1460.0	6.80	6.12	5.82
1630.0	1660.0	6.96	6.21	5.83
1830.0	1860.0	7.09	6.21	5.88
2030.0	2060.0	7.48	6.70	6.35
2230.0	2260.0	9.18	7.94	7.34
2330.0	2360.0	9.74	8.47	7.77
2430.0	2460.0	9.12	8.07	7.51
2530.0	2560.0	8.39	7.52	7.04
2630.0	2660.0	8.13	7.25	6.76
2730.0	2760.0	7.84	7.02	6.62
2830.0	2860.0	7.44	6.73	6.41
2950.0	2980.0	7.24	6.59	6.32
3050.0	3080.0	7.08	6.52	6.25
3170.0	3200.0	6.93	6.35	6.07
3270.0	3300.0	6.80	6.25	5.99
3390.0	3420.0	6.67	6.20	6.00
3490.0	3520.0	6.76	6.37	6.18
3610.0	3640.0	6.83	6.44	6.25
3710.0	3740.0	6.94	6.58	6.37
3830.0	3860.0	7.20	6.84	6.64
3930.0	3960.0	7.56	7.16	6.97
4050.0	4080.0	7.90	7.50	7.29
4150.0	4180.0	8.11	7.61	7.38
4270.0	4300.0	8.82	8.14	7.82
4370.0	4400.0	9.26	8.37	8.00
4500.0	4530.0	9.44	8.47	8.13
4600.0	4630.0	9.80	8.78	8.47
4700.0	4730.0	9.85	8.96	8.85
4800.0	4830.0	9.80	9.01	9.20
4900.0	4930.0	9.64	9.04	9.43
5000.0	5030.0	9.50	9.15	9.46
5100.0	5130.0	9.42	9.20	9.12
5200.0	5230.0	9.60	9.25	8.87
5280.0	5310.0	10.12	9.61	9.24

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
330.0	360.0	15.40	19.98	18.45
430.0	460.0	14.62	14.01	13.60
630.0	660.0	11.86	11.63	12.77
830.0	860.0	18.60	17.08	18.18
1030.0	1060.0	14.32	16.42	19.10
1230.0	1260.0	13.54	15.01	15.40
1430.0	1460.0	14.66	15.60	16.14
1630.0	1660.0	15.86	16.33	19.24
1830.0	1860.0	20.14	19.91	17.65
2030.0	2060.0	18.34	20.61	17.88
2230.0	2260.0	15.73	14.96	16.58
2330.0	2360.0	17.96	15.69	17.03
2430.0	2460.0	16.86	16.51	17.19
2530.0	2560.0	20.53	16.66	17.42
2630.0	2660.0	17.31	15.57	16.59
2730.0	2760.0	13.68	14.50	15.48
2830.0	2860.0	14.18	14.88	15.54
2950.0	2980.0	15.59	16.17	16.53
3050.0	3080.0	14.90	15.17	15.67
3170.0	3200.0	12.91	13.50	14.42
3270.0	3300.0	12.95	13.75	14.77
3390.0	3420.0	13.76	14.57	15.76
3490.0	3520.0	13.18	14.14	15.42
3610.0	3640.0	13.40	14.54	15.43
3710.0	3740.0	13.72	15.31	16.26
3830.0	3860.0	13.97	16.23	17.55
3930.0	3960.0	15.19	17.46	17.58
4050.0	4080.0	16.60	18.89	19.42
4150.0	4180.0	16.71	19.53	21.17
4270.0	4300.0	17.20	19.18	20.26
4370.0	4400.0	18.14	18.63	19.33
4500.0	4530.0	16.70	17.46	17.19
4600.0	4630.0	16.90	18.09	15.54
4700.0	4730.0	16.30	17.59	16.92
4800.0	4830.0	14.67	16.31	16.34
4900.0	4930.0	14.86	12.99	15.36
5000.0	5030.0	14.30	11.52	15.73
5100.0	5130.0	10.11	13.09	17.19
5200.0	5230.0	8.28	14.18	20.31
5280.0	5310.0	8.30	14.63	18.09

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+6dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
330.0	360.0	0.57	0.36	0.22
430.0	460.0	0.64	0.48	0.38
630.0	660.0	0.91	0.79	0.79
830.0	860.0	1.29	1.22	1.17
1030.0	1060.0	1.20	1.09	1.05
1230.0	1260.0	1.25	0.94	0.82
1430.0	1460.0	0.95	0.72	0.63
1630.0	1660.0	0.80	0.57	0.48
1830.0	1860.0	0.86	0.60	0.48
2030.0	2060.0	1.08	0.67	0.60
2230.0	2260.0	0.54	0.60	0.55
2330.0	2360.0	0.28	0.43	0.44
2430.0	2460.0	0.35	0.38	0.37
2530.0	2560.0	0.58	0.47	0.44
2630.0	2660.0	0.54	0.45	0.47
2730.0	2760.0	0.56	0.48	0.46
2830.0	2860.0	0.83	0.60	0.53
2950.0	2980.0	0.99	0.71	0.62
3050.0	3080.0	1.04	0.81	0.79
3170.0	3200.0	1.03	0.82	0.83
3270.0	3300.0	1.01	0.78	0.77
3390.0	3420.0	1.08	0.75	0.70
3490.0	3520.0	1.15	0.75	0.67
3610.0	3640.0	1.12	0.69	0.63
3710.0	3740.0	1.24	0.74	0.63
3830.0	3860.0	1.32	0.80	0.56
3930.0	3960.0	1.20	0.76	0.51
4050.0	4080.0	1.03	0.63	0.46
4150.0	4180.0	1.12	0.75	0.63
4270.0	4300.0	1.02	0.78	0.72
4370.0	4400.0	0.88	0.77	0.78
4500.0	4530.0	0.86	0.89	0.95
4600.0	4630.0	0.75	0.81	0.85
4700.0	4730.0	0.71	0.70	0.54
4800.0	4830.0	0.79	0.66	0.18
4900.0	4930.0	0.95	0.60	-0.09
5000.0	5030.0	1.04	0.38	-0.29
5100.0	5130.0	1.11	0.23	-0.18
5200.0	5230.0	1.01	0.23	0.00
5280.0	5310.0	0.87	0.25	0.04

REV. X3

MCA-50LH+

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Frequency Mixer

MCA-50LH+

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3000MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=989.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
2670.0	330.0	9.94	10.1	1000.0	6.62	1610.1	3400.0	10.15
2537.0	463.0	9.43	90.1	1080.0	6.15	1570.1	3440.0	10.02
2404.0	596.0	9.38	170.1	1160.0	6.01	1530.1	3480.0	9.92
2271.0	729.0	9.24	250.1	1240.0	5.98	1490.1	3520.0	9.83
2138.0	862.0	9.34	330.1	1320.0	5.90	1450.1	3560.0	9.82
2005.0	995.0	9.32	410.1	1400.0	5.95	1410.1	3600.0	9.69
1872.0	1128.0	9.07	490.1	1480.0	5.88	1370.1	3640.0	9.66
1739.0	1261.0	8.95	570.1	1560.0	5.92	1330.1	3680.0	9.64
1606.0	1394.0	8.61	650.1	1640.0	5.85	1290.1	3720.0	9.55
1473.0	1527.0	7.99	730.1	1720.0	5.87	1250.1	3760.0	9.54
1340.0	1660.0	7.68	810.1	1800.0	5.82	1210.1	3800.0	9.44
1207.0	1793.0	7.63	890.1	1880.0	5.76	1170.1	3840.0	9.40
1074.0	1926.0	7.57	970.1	1960.0	5.92	1130.1	3880.0	9.34
941.0	2059.0	7.48	1070.1	2060.0	6.14	1090.1	3920.0	9.31
808.0	2192.0	7.44	1150.1	2140.0	6.35	1050.1	3960.0	9.27
675.0	2325.0	7.30	1250.1	2240.0	6.54	1010.1	4000.0	9.23
542.0	2458.0	7.06	1330.1	2320.0	6.74	970.1	4040.0	9.16
409.0	2591.0	6.86	1430.1	2420.0	6.91	930.1	4080.0	9.11
276.0	2724.0	6.68	1510.1	2500.0	6.85	890.1	4120.0	9.09
143.0	2857.0	6.51	1610.1	2600.0	7.06	850.1	4160.0	9.08
10.0	2990.0	6.97	1690.1	2680.0	7.24	810.1	4200.0	9.05
63.9	3063.9	6.60	1790.1	2780.0	7.69	770.1	4240.0	9.04
131.2	3131.2	6.64	1870.1	2860.0	7.80	730.1	4280.0	8.96
198.5	3198.5	6.77	1970.1	2960.0	7.99	690.1	4320.0	9.01
265.8	3265.8	6.75	2050.1	3040.0	8.07	650.1	4360.0	9.01
333.2	3333.2	6.73	2150.1	3140.0	8.22	610.1	4400.0	9.06
414.0	3414.0	6.68	2230.1	3220.0	8.42	570.1	4440.0	9.08
481.3	3481.3	6.78	2330.1	3320.0	8.57	530.1	4480.0	9.05
562.1	3562.1	6.75	2410.1	3400.0	8.59	490.1	4520.0	9.05
629.4	3629.4	6.57	2510.1	3500.0	8.58	450.1	4560.0	9.00
710.2	3710.2	6.47	2590.1	3580.0	8.72	410.1	4600.0	8.96
777.5	3777.5	6.48	2690.1	3680.0	8.84	370.1	4640.0	8.88
858.3	3858.3	6.47	2770.1	3760.0	8.90	330.1	4680.0	8.74
925.6	3925.6	6.53	2870.1	3860.0	8.75	290.1	4720.0	8.73
1006.4	4006.4	6.66	2950.1	3940.0	8.75	250.1	4760.0	8.67
1073.8	4073.8	6.80	3050.1	4040.0	8.81	210.1	4800.0	8.64
1154.6	4154.6	6.93	3130.1	4120.0	8.81	170.1	4840.0	8.65
1221.9	4221.9	7.06	3230.1	4220.0	8.71	110.1	4900.0	8.70
1302.7	4302.7	7.28	3310.1	4300.0	8.67	70.1	4940.0	8.81
1370.0	4370.0	7.47	3410.1	4400.0	8.41	10.1	5000.0	9.51

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
360.0	9.49	11.44	13.67	33.24	36.11	38.95
460.0	9.29	11.51	13.88	34.08	36.85	39.42
660.0	10.02	12.30	14.64	32.31	33.68	34.92
860.0	12.20	14.38	16.63	31.45	32.81	33.37
1060.0	15.90	17.70	19.52	31.07	32.38	32.19
1260.0	21.12	24.05	26.77	31.82	32.39	31.50
1460.0	25.08	32.18	38.49	31.85	31.68	30.31
1660.0	26.03	36.72	35.51	31.37	30.20	28.88
1860.0	24.23	34.16	32.16	30.14	29.35	28.53
2060.0	21.05	26.50	28.06	29.60	28.62	28.03
2260.0	20.65	23.52	21.45	29.13	28.59	28.59
2360.0	22.82	23.49	21.00	29.93	29.82	30.24
2460.0	24.24	23.71	22.17	29.36	30.66	32.32
2560.0	26.21	25.60	24.24	29.70	31.72	33.88
2660.0	28.55	28.05	26.64	29.78	32.25	34.84
2760.0	29.10	29.72	29.00	29.60	32.76	35.88
2860.0	29.28	30.18	30.78	27.47	29.99	33.20
2980.0	31.28	32.26	33.22	27.89	30.50	33.51
3080.0	33.68	35.02	36.02	27.25	30.02	33.42
3200.0	37.83	38.45	39.16	28.17	32.61	39.67
3300.0	44.57	42.33	41.97	29.03	33.69	39.49
3420.0	50.03	47.75	44.55	30.68	36.72	40.71
3520.0	41.91	42.85	42.85	31.16	36.77	40.26
3640.0	52.68	45.00	42.68	32.12	37.34	39.77
3740.0	59.30	49.06	46.84	32.35	37.92	42.28
3860.0	48.91	48.85	48.21	32.63	39.26	57.82
3960.0	43.61	42.79	42.65	33.41	41.72	47.17
4080.0	56.73	49.51	45.17	33.51	44.28	41.00
4180.0	51.65	49.86	42.52	35.16	47.69	38.65
4300.0	44.87	44.12	38.69	34.02	42.24	40.32
4400.0	47.00	45.38	38.80	32.11	39.32	38.17
4530.0	47.62	45.76	37.87	34.92	40.50	33.18
4630.0	46.78	46.54	36.95	35.81	39.42	31.32
4730.0	44.52	44.48	35.90	35.59	43.21	32.33
4830.0	42.64	42.10	35.00	34.00	47.12	38.40
4930.0	44.65	38.96	32.48	35.34	53.57	38.77
5030.0	46.31	34.59	30.08	35.94	53.57	38.72
5130.0	40.57	32.87	28.72	37.27	49.73	35.51
5230.0	36.35	31.54	27.94	41.38	42.13	33.10
5310.0	34.38	31.04	28.67	44.11	40.48	34.62

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
330.0	360.0	37.99	42.22	46.33
430.0	460.0	40.15	45.84	56.67
630.0	660.0	45.08	44.24	39.64
830.0	860.0	32.63	30.73	29.55
1030.0	1060.0	31.09	29.76	28.75
1230.0	1260.0	29.41	29.05	28.79
1430.0	1460.0	29.02	29.15	29.31
1630.0	1660.0	28.11	27.80	27.17
1830.0	1860.0	27.92	27.94	27.70
2030.0	2060.0	30.65	30.02	29.71
2230.0	2260.0	36.64	35.17	33.75
2330.0	2360.0	51.45	43.22	38.93
2430.0	2460.0	36.76	34.81	34.82
2530.0	2560.0	34.00	31.94	31.82
2630.0	2660.0	35.62	33.96	33.02
2730.0	2760.0	31.72	30.06	29.78
2830.0	2860.0	27.77	27.04	27.22
2950.0	2980.0	26.77	26.17	26.04
3050.0	3080.0	25.13	24.49	24.30
3170.0	3200.0	24.62	23.88	23.54
3270.0	3300.0	24.93	24.37	24.18
3390.0	3420.0	25.54	25.39	25.54
3490.0	3520.0	26.78	27.10	27.49
3610.0	3640.0	25.03	25.29	25.44
3710.0	3740.0	26.06	26.06	26.15
3830.0	3860.0	21.23	21.24	21.47
3930.0	3960.0	18.69	18.65	18.75
4050.0	4080.0	18.17	18.26	18.39
4150.0	4180.0	18.40	18.66	18.91
4270.0	4300.0	17.69	17.79	17.92
4370.0	4400.0	17.31	17.57	17.84
4500.0	4530.0	17.64	18.00	18.17
4600.0	4630.0	17.63	18.03	18.11
4700.0	4730.0	17.47	17.75	17.31
4800.0	4830.0	16.71	17.03	17.51
4900.0	4930.0	17.04	17.49	18.83
5000.0	5030.0	17.86	18.57	20.38
5100.0	5130.0	18.62	19.84	21.38
5200.0	5230.0	19.59	21.02	22.08
5280.0	5310.0	20.40	21.91	22.79

Frequency Mixer

MCA-50LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=5000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
330.0	360.0	6.83	6.78	6.89	360.0	5.10	3.90	3.78	10.0	1.11	1.25	1.61
430.0	460.0	4.77	4.72	4.64	460.0	2.84	2.61	3.05	90.0	1.13	1.24	1.60
630.0	660.0	2.64	2.48	2.36	660.0	1.52	1.78	2.40	170.0	1.19	1.24	1.58
830.0	860.0	2.17	1.90	1.70	860.0	1.08	1.41	2.01	250.0	1.25	1.25	1.56
1030.0	1060.0	2.58	2.29	2.07	1060.0	1.38	1.17	1.68	330.0	1.31	1.27	1.55
1230.0	1260.0	2.77	2.51	2.36	1260.0	1.76	1.15	1.42	410.0	1.40	1.32	1.55
1430.0	1460.0	2.81	2.47	2.28	1460.0	1.93	1.20	1.27	490.0	1.48	1.37	1.57
1630.0	1660.0	2.72	2.35	2.11	1660.0	1.92	1.21	1.25	570.0	1.56	1.41	1.59
1830.0	1860.0	2.60	2.19	1.98	1860.0	2.01	1.34	1.34	650.0	1.61	1.45	1.63
2030.0	2060.0	2.58	2.29	2.12	2060.0	1.98	1.36	1.36	730.0	1.66	1.51	1.67
2230.0	2260.0	2.20	2.00	1.88	2260.0	2.05	1.47	1.31	810.0	1.71	1.55	1.71
2330.0	2360.0	2.11	1.93	1.84	2360.0	2.12	1.48	1.28	890.0	1.72	1.59	1.77
2430.0	2460.0	2.22	2.05	1.95	2460.0	2.21	1.46	1.28	970.0	1.69	1.61	1.82
2530.0	2560.0	2.40	2.18	2.04	2560.0	2.17	1.40	1.29	1050.0	1.65	1.61	1.87
2630.0	2660.0	2.50	2.28	2.12	2660.0	2.12	1.37	1.36	1130.0	1.58	1.62	1.93
2730.0	2760.0	2.40	2.18	2.05	2760.0	2.10	1.42	1.48	1210.0	1.51	1.65	2.01
2830.0	2860.0	2.21	1.99	1.88	2860.0	2.12	1.48	1.60	1290.0	1.47	1.73	2.13
2950.0	2980.0	1.94	1.74	1.64	2980.0	1.94	1.52	1.78	1370.0	1.49	1.85	2.28
3050.0	3080.0	1.74	1.54	1.43	3080.0	1.81	1.59	1.95	1450.0	1.58	2.01	2.46
3170.0	3200.0	1.67	1.48	1.37	3200.0	1.70	1.71	2.19	1530.0	1.73	2.21	2.68
3270.0	3300.0	1.51	1.37	1.31	3300.0	1.60	1.78	2.34	1610.0	1.92	2.45	2.95
3390.0	3420.0	1.28	1.27	1.32	3420.0	1.47	1.83	2.47	1690.0	2.13	2.72	3.25
3490.0	3520.0	1.21	1.32	1.44	3520.0	1.41	1.90	2.59	1770.0	2.35	3.00	3.55
3610.0	3640.0	1.24	1.42	1.57	3640.0	1.39	1.97	2.67	1850.0	2.54	3.24	3.82
3710.0	3740.0	1.43	1.62	1.82	3740.0	1.48	2.07	2.78	1930.0	2.68	3.41	4.01
3830.0	3860.0	1.63	1.81	1.99	3860.0	1.65	2.22	2.93	2010.0	2.67	3.36	3.98
3930.0	3960.0	1.77	1.87	2.00	3960.0	1.82	2.32	3.01	2090.0	2.66	3.32	4.00
4050.0	4080.0	2.04	2.08	2.15	4080.0	2.00	2.39	3.03	2170.0	2.73	3.35	4.05
4150.0	4180.0	2.33	2.33	2.36	4180.0	2.28	2.49	3.01	2250.0	2.88	3.49	4.20
4270.0	4300.0	2.79	2.70	2.68	4300.0	2.62	2.57	2.88	2310.0	3.01	3.62	4.33
4370.0	4400.0	3.17	3.00	2.94	4400.0	2.96	2.69	2.86	2390.0	3.13	3.70	4.40
4500.0	4530.0	3.40	3.19	3.12	4530.0	3.38	2.64	2.50	2450.0	3.19	3.74	4.42
4600.0	4630.0	3.84	3.56	3.44	4630.0	3.53	2.55	2.23	2530.0	3.29	3.76	4.43
4700.0	4730.0	3.93	3.62	3.40	4730.0	3.56	2.40	1.95	2590.0	3.43	3.84	4.45
4800.0	4830.0	4.00	3.61	3.33	4830.0	3.52	2.24	1.70	2670.0	3.55	3.87	4.40
4900.0	4930.0	3.90	3.42	3.09	4930.0	3.40	2.09	1.51	2730.0	3.55	3.81	4.26
5000.0	5030.0	3.67	3.10	2.81	5030.0	3.22	2.02	1.41	2810.0	3.63	3.80	4.17
5100.0	5130.0	3.31	2.73	2.49	5130.0	3.02	2.00	1.39	2870.0	3.73	3.85	4.15
5200.0	5230.0	2.98	2.51	2.31	5230.0	2.96	2.00	1.44	2950.0	3.67	3.71	3.96
5280.0	5310.0	3.03	2.63	2.46	5310.0	2.92	1.99	1.53	3010.0	3.54	3.56	3.76

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	16	23	28	24	44	28	---	---	---
1	-	19	+0	37	23	37	43	49	57	52	---	---
2	72	63	55	48	51	62	65	69	61	69	56	---
3	>90	>74	67	>74	59	74	71	>74	>74	>74	>74	>74
4	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
5	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
7	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
8	---	---	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
9	---	---	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
10	---	---	---	>74	>74	>74	>74	>74	>74	>74	>74	>74
RF CAL		0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 3000 MHz; -9.00 dBm.
LO IN: 3030 MHz; +10.00 dBm
IF OUT: 30 MHz; -15.62 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	26	36	38	36	58	45	---	---	---
1	-	19	+0	34	23	39	47	53	68	59	---	---
2	52	56	42	38	40	51	61	62	55	71	53	---
3	>90	58	47	60	38	58	51	60	64	65	74	65
4	>90	81	66	65	67	59	57	69	74	72	72	79
5	>90	83	>84	80	73	77	61	75	70	78	>84	80
6	>90	>84	>84	>84	84	>84	81	76	73	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	77	>84	84	>84
8	---	---	>84	>84	>84	>84	>84	>84	>84	>84	84	>84
9	---	---	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	---	---	---	>84	>84	>84	>84	>84	>84	>84	>84	>84
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3000 MHz; 1.00 dBm.
LO IN: 3030 MHz; +10.00 dBm
IF OUT: 30 MHz; -5.68 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.